TPC Benchmark™ C
Full Disclosure Report

Oracle's Sun Fire X4800 M2 Server

Using

Oracle Database 11g Release 2

First Edition

January 17, 2012

First Printing – January 17, 2012

Copyright © 2012 Oracle and/or its affiliates. All rights reserved.

Oracle, the Sponsor of this benchmark test, believes that the information in this document is accurate as of the publication date. The information in this document is subject to change without notice. The sponsor assumes no responsibility for any errors that may appear in this document.

The pricing information in this document is believed to accurately reflect the current prices as of the publication date. However, the Sponsor provides no warranty of the pricing information in this document.

The performance information in this document is for guidance only. System performance is highly dependent on many factors including system hardware, system and user software, and user application characteristics; relative system performance may vary significantly as a result of these and other factors. The Sponsor does not warrant or represent that a user can or will achieve similar performance. No warranty on system performance or price/performance is expressed or implied in this document.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. UNIX is a registered trademark licensed through X/Open Company, Ltd.

All rights reserved. This product and related documentation are protected by copyright and distributed under licenses restricting its use, copying, distribution, and decompilation. No part of this product or related documentation may be reproduced in any form by any means without prior written authorization of Sun and its licensors, if any.

RESTRICTED RIGHTS LEGEND: Use, duplication, or disclosure by the United States Government is subject to the restrictions set forth in DFARS 252.227-7013 (c)(1)(ii) and FAR 52.227-19, Rights in Technical Data and Computer Software (October 1988).

The product described in this manual may be protected by one or more U.S. patents, foreign patents, or pending applications.

THIS PUBLICATION IS PROVIDED #AS IS# WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT.

THIS PUBLICATION COULD INCLUDE TECHNICAL INACCURACIES OR TYPOGRAPHICAL ERRORS. CHANGES ARE PERIODICALLY ADDED TO THE INFORMATION HEREIN; THESE CHANGES WILL BE INCORPORATED IN NEW EDITIONS OF THE PUBLICATION. ORACLE AMERICA, INC. MAY MAKE IMPROVEMENTS AND/OR CHANGES IN THE PRODUCT(S) AND/OR THE PROGRAM(S) DESCRIBED IN THIS PUBLICATION AT ANY TIME.

Abstract

This report documents the methodology and results of the TPC Benchmark ™ C test conducted on the following environment as measured by Oracle America, Inc. The benchmark configuration, environment and methodology used to produce and validate the test results, and the pricing model used to calculate the price/performance, were audited by Francois Raab of InfoSizing to verify compliance with the relevant TPC specifications.

System	*Processors*	*Database Environment*	*Operating System*
Sun Fire X4800 M2 Server	8 Intel Xeon E7-8870 2.4GHz	Oracle Database 11g Release 2	Oracle Linux with Unbreakable Enterprise Kernel Release 2

TPC Benchmark C Metrics

Total System Cost	*TPC-C Throughput*	*Price / Performance*	*Availability Date*
Three year cost includes: • Hardware • Software • Maintenance	Maximum Qualified Throughput expressed as transactions per minute – C (tpmC)	Total System Cost / tpmC	Date for which all components, hardware and software are available for purchase
$4,662,643 USD	**4,803,718**	**$0.98 USD**	**June 26, 2012**

Sun Fire X4800 M2 Server

TPC-C 5.11.0
TPC-Pricing 1.6.0

Report Date
January 17, 2012

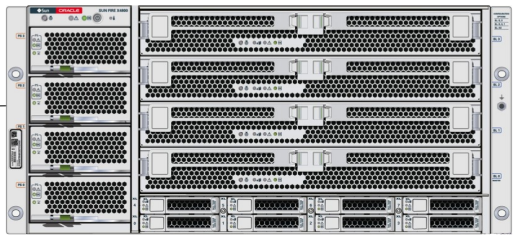
Total System Cost	TPC-C Throughput	Price/Performance	Availability Date
$4,662,643USD	**4,803,718 tpmC**	**$0.98USD/tpmC**	**June 26, 2012**

Database Server Processors/Cores/Threads	Database Manager	Operating System	Other Software	Number of Users
Intel Xeon E7-8870 2.4GHz 8 / 80 / 160	Oracle Database 11g Release 2 Enterprise Edition	Oracle Linux with UEK Release 2	Tuxedo CFS-R Tier 1 Oracle iPlanet Web Server	3,800,000

Clients

8 Sun Fire X4170 M2
2 3.06GHz Intel Xeon X5675 HC
48GB Memory
2 300GB SAS disk

Database Node



Storage

10 X4270 M2 DATA COMSTAR
10 2TB 7.2K RPM SAS
2 Sun F5100 Flash Arrays

2 X4270 M2 REDO COMSTAR
11 2TB 7.2K RPM SAS

Sun Fire X4800 M2 Server
8 Intel Xeon E7-8870 2.4GHz
4TB Memory
8 300GB 10K RPM SAS
8 8Gb/s FC HBA, 2 port
10GbE SFP+
5RU High

System Component	Each Server Node		Each Client	
Processors/Cores/Threads and cache	8/80/160	Intel Xeon E7-8870 2.4GHz 30 MB Smart Cache	2/12/24	Intel Xeon X5675 12MB Smart Cache
Memory		4TB		48GB
Disk Controllers	8	8Gb/s FC HBA 2 Port	1	8 port Internal SAS
OS Disks (each system)	8	300GB 10K RPM SAS	2	300GB 10K RPM SAS
External Storage	1,600 122	24GB SSD Flash Modules 2TB 7.2K RPM SAS		
Total Storage		284.3TB		

Sun Fire X4800 M2 Server

TPC-C 5.11.0
TPC-Pricing 1.6.0

Description	Part Number	Price Source	Unit Price	Qty	Extended Price	Support
Server Hardware						
Sun Fire X4800 M2 Server: base chassis	7100176	1	6,702	1	6,702	
Power Jumper Cables, 2.5m x 1	SR-JUMP-1MC13	1	29	4	116	
300GB 10K rpm 2.5" SAS-2 HDD	RB-SS2CM-300G10K2	1	689	8	5,512	
1 Intel® Xeon® E7-8870 2.4GHz Proc w/ heat sink	7100128	1	7,222	8	57,776	
Two 32 GB DDR3-1066 DIMMs (factory installation)	7103610	1	3,800	64	243,200	
CPU Module w/ 32 DIMM slots, 2 USB ports	7100177	1	3,248	4	12,992	
6Gb/s SAS REM RAID HBA, ATO	SG-SAS6-R-REM-Z	1	1,079	1	1,079	
8Gb/s FC GbE HBA, EM, Qlogic, ATO	SG-XPCIEFCGBE-Q8-N	1	2,089	5	10,445	
8Gb/s FC GbE HBA, EM, Qlogic, ATO	SG-PCIEFCGBE-Q8-N	1	2,089	3	6,267	
Network Express Module	8508A	1	2,399	2	4,798	
				Sub-Total	**348,887**	
Server Storage						
Sun Fire X4270 M2 Server chassis	X4270M2-H1-AA	1s	3,618	12	43,416	
Oracle Solaris 11		1	0	12	0	
2TB 7.2K RPM SAS disk	RA-SS1CR-2T7K	1s	949	122	115,778	
Jumper Cable Kit: 1 x 1m C13	SR-JUMP-1MC13-N	1	29	64	1,856	
Intel® Xeon® X5690, 6-core 3.47GHz, w/ heat sink	4375A	1s	2,706	12	32,472	
4GB (1 x 4GB) DDR3-1333 DIMM	4910A	1	92	36	3,312	
1,200 W AC PSU (for factory installation)	5933A	1s	302	12	3,624	
StorageTek 8Gb/s FC PCI-e HBA dual port Qlogic	SG-PCIE2FC-QF8-Z	1	2,399	12	28,788	
Sun Storage 6 Gb/s SAS PCIe HBA: 8 Port	SGX-SAS6-EXT-Z	1	599	40	23,960	
Sun Storage 6Gb/s SAS PCIe HBA, 512 MB, RAID	SGX-SAS6-R-INT-Z	1	1,079	12	12,948	
Sun Storage F5100 Flash Array	TA-F5100-M2SA	1	19,995	20	399,900	
20 24GB SATA SLC Flash Modules	TA-24GBSTSF-20FM	1	33,750	80	2,700,000	
0.5M, Mini, shielded, SAS cable	XTA-0.5M-SAS	1	95	10	950	
15M LC to LC FC cable	X9734A-Z-N	1	105	24	2,520	
				Sub-Total	**3,369,524**	
Server Software						
Oracle Linux		1	0	1	0	
Oracle Linux Basic Support - 3 Years		1	3,597	1		3,597
Oracle 11g Enterprise Edition Per Processor for 3 years (for 40 processors)		1	23,750	40	950,000	
Partitioning, Per Processor for 3 years (for 40 processors)		1	5,750	40	230,000	
Incident Server Support(for 3 years)		1	2,300	3		6,900
				Sub-Total	**1,180,000**	**10,497**
Client Hardware						
Sun Fire X4170 M2	X4170M2-H1-AA	1	2,378	8	19,024	
300GB 10K RPM 2.5" SAS disk	RB-SS2CF-300G10K2	1s	689	16	11,024	
Snap-In Slide Rail Rackmount kit	6325A-N	1	70	8	560	
Jumper Cable Kit: 1 x 1m C13	SR-JUMP-1MC13	1	29	8	232	
Intel® Xeon® X5675 3.06GHz, 6-core, w/ heat sink	4373A	1s	2,304	16	36,864	
Sun Storage 6Gb/s SAS PCIe HBA, Internal: 8 port	SG-SAS6-INT-Z	1	419	8	3,352	
4GB (1 x 4GB) DDR3-1333 DIMM	4910A	1	92	96	8,832	
				Sub-Total	**79,888**	
Client Software						
Oracle Solaris 10 Pre-Install	5908A	1	0	8	0	
Oracle Solaris Development Tools Support	B59320	1	1,200	3		3,600
Oracle Fusion Middleware Web Tier for 3 years		1	2,500	48	120,000	
Oracle Premier Software Support		1	26,400	3		79,200
Tuxedo CFS-R Tier 1		1	1,800	8	14,400	
Oracle Premier Support for 3 years (Tuxedo CFS-R Tier 1)		1	3,168	3		9,504
				Sub-Total	**134,400**	**92,304**

Other Hardware						
Brocade 5300 w/ 80 8Gb/s SFPs	SGXSWBRO5300-8EB-N	1	139,995	1	139,995	
Rackmount kit for the Brocade 5300	SG-XSWBRO3X50-RK-N	1	250	1	250	
Jumper Cable Kit: 1 x 1m C13	SR-JUMP-1MC13	1	29	2	58	
SUT Mgmt system and Service Processor Control Workstation						
Sun Fire X4170 M2	X4170M2-H1-AA	1	2,378	1	2,378	
Oracle Solaris 10 Pre-Install	5894A-N	1	0	1	0	
US PC Peripheral Kit (Keyboard/Mouse)	3701A-PC	1	50	1	50	
4GB (1x4GB) DDR3-1333	4910A	1	92	2	184	
Sun Storage 6Gb/s SAS PCIe HBA, Internal: 8 port	SG-SAS6-INT-Z	1	419	1	419	
300GB 10K RPM 2.5" SAS Disk	RB-SS2CF-300G10K2	1	689	1	689	
DVD+/-RW SATA-based drive ATO	8325A-N	1	134	1	134	
Jumper Cable Kit: 1 x 1m C13	SR-JUMP-1MC13	1	29	1	29	
Intel® Xeon® E5620 2.4GHz, 4-core, w/ heat sink	5924A	1	683	1	683	
Acer V173 DJb 17" LCD	2091793	2	102	1	102	11
Sun Rack II 42U	SR-1242E-N	1	2,849	2	5,698	
PDU 15kVA, Single Phase, LV	SR-15K-L630-N	1	1,200	4	4,800	
Jumper Cable Kit SunRack II	SR-JUMPKIT-N	1	198	2	396	
Brocade FastIron Switch FWS648	FWS648	2	1,506	1	1,506	366
Netgear ProSafe Plus GS524E 24 port (+10%)	JGS524E-100NAS	2	279	4	1,116	85
Tripp Lite 25' Black Cat5e cable (+10%)	N002-025-BK	2	7	103	721	
				Sub-Total	**159,208**	
Oracle Premier Hardware Support	Q-PREM-SPRT-SYS	1	474,487	3		1,423,463
				Total	**5,271,907**	**1,526,726**
Total Oracle Software, Hardware and Maintenance Discount					(2,135,990)	
				3 Year Total Cost	$4,662,643	
				tpmC	**4,803,718**	
				$/tpmC	**$0.98**	

Pricing Sources: 1. Oracle 2. CDW	**Notes:** 1s – One or more components of the measured configuration have been substituted in the priced configuration. See the FDR for details.

Audited by Francois Raab of InfoSizing, Inc.

Prices used in TPC Benchmarks reflect the actual prices a customer would pay for a one-time purchase of the stated components. Individually negotiated discounts are not permitted. Special prices based on assumptions about past or future purchases are not permitted. All discounts reflect standard pricing policies for the listed components. For complete details, see the pricing section of the TPC benchmark specifications. If you find that stated prices are not available according to these terms, please inform the TPC at pricing@tpc.org. Thank you.

ORACLE	Sun Fire X4800 M2 Server	TPC-C 5.11.0 TPC-Pricing 1.6.0 **Report Date** January 17, 2012

Numerical Quantities Summary:

MQTh, computed Maximum Qualified Throughput 4,803,718

Response Time in Seconds	90th %	Avg.	Max.
New-Order	0.21	0.167	2.742
Payment	0.21	0.165	2.733
Order-Status	0.20	0.163	2.709
Delivery (Interactive)	0.17	0.146	1.932
Delivery (Deferred)	0.02	0.011	0.915
Stock-Level	0.20	0.162	2.732
Menu	0.17	0.146	2.005
Response Time delay added for emulated components		0.1	

Transaction Mix, in percent of total transactions	
New-Order	44.96%
Payment	43.01%
Order-Status	4.01%
Delivery	4.01%
Stock-Level	4.01%

Keying / Think Times (in seconds)	Min.		Avg.		Max.	
New-Order	18.001	0.001	18.007	12.028	18.775	120.730
Payment	3.001	0.001	3.007	12.027	3.781	120.734
Order-Status	2.001	0.001	2.007	10.032	2.779	100.695
Delivery	2.001	0.001	2.007	5.043	2.779	50.682
Stock-Level	2.001	0.001	2.007	5.043	2.776	50.696

Test Duration	
Ramp-up Time	54 minutes, 44 seconds
Measurement Interval	134 minutes, 29 seconds
Number of Checkpoints	5
Checkpoint Interval	longest Interval: 1633 seconds
Number of transactions (all types) completed in Measurement Interval	1436883228

INFO SIZING

TPC TRANSACTION PROCESSING PERFORMANCE COUNCIL CERTIFIED AUDITOR

Benchmark Sponsor: Brad Carlile
Sr. Director, Strategic Applications Engineering (SAE)
Oracle Corporation
3295 NW 211th Terrace
Hillsboro OR 97124

January 11, 2012

I verified the TPC Benchmark™ C performance of the following Client Server configuration:

Platform: Sun Fire X4800 M2 Server
Operating system: Oracle Linux with UEK Release 2
Database Manager: Oracle Database 11g Release 2 Enterprise Edition
Transaction Manager: Tuxedo CFS-R Tier-1

The results were:

CPU's Speed	Memory	Disks	New-Order 90% RT	**tpmC**
Server: Sun Fire X4800 M2 Server				
8 x Intel Xeon E7-8870 (2.4 GHz)	4 TB (30 MB Smart Cache per processor)	8 x 300 GB 10K rpm SAS 1,600 x 24 GB SSD 122 x 2 TB 7.2K rpm SAS	0.21 Sec.	**4,803,718.11**
Eight (8) Clients: Sun Fire X4170 M2 Server (each with)				
2 x Intel Xeon X5675 HC (3.06 GHz)	48 GB (12 MB Smart Cache per processor)	2 x 300 GB 10K rpm SAS	n/a	n/a

In my opinion, these performance results were produced in compliance with the TPC requirements for the

benchmark.

The following verification items were given special attention:

- The transactions were correctly implemented
- The database records were the proper size
- The database was properly scaled and populated
- The ACID properties were met
- Input data was generated according to the specified percentages
- The transaction cycle times included the required keying and think times
- The reported response times were correctly measured
- At least 90% of all delivery transactions met the 80 Second completion time limit
- All 90% response times were under the specified maximums
- The measurement interval was representative of steady state conditions
- The reported measurement interval was 134 minutes, 29 seconds
- On-going incremental checkpoints were used during the measurement interval
- The 60 day storage requirement was correctly computed
- The system pricing was verified for major components and maintenance

Additional Audit Notes:

The measured configuration included:

- (12) Sun Fire X4275 Servers used as external storage controllers configured using COMSTAR that were substituted by (12) Sun Fire X4270 M2 Servers in the priced configuration
- (122) 2TB 7.2K rpm SATA disks that were substituted by (122) 2TB 7.2K rpm SAS disks in the priced configuration
- (8) X4170 M2 Clients each with:
  - (2) X5670 CPUs @ 2.4 GHz that were substituted by (2) X5675 CPUs @ 3.06 GHz
  - (2) 146 GB 10K rpm SAS disks that were substituted by (2) 300 GB 10K rpm SAS disks)

Based on the specifications of these items and on performance data collected during testing, it is my opinion that these substitutions have no significant effect on performance.

Respectfully Yours,

François Raab, President

Table of Contents

TPC Benchmark C Metrics....3

Introduction....19

0 General Items....20

0.1 Application Code and Definition Statements....20

0.2 Sponsor....20

0.3 Parameter Settings....20

0.4 Configuration Diagrams....20

1 Clause 1: Logical Database Design Related Items....26

1.1 Table Definitions....26

1.2 Physical Organization of Database....26

1.3 Insert and Delete Operations....26

1.4 Partitioning....26

2 Clause 2: Transaction And Terminal Profiles Related Items....27

2.1 Random Number Generation....27

2.2 Input/Output Screen Layouts....27

2.3 Terminal Feature Verification....27

2.4 Presentation Manager or Intelligent Terminal....27

2.5 Percentage of Home and Remote Order-lines....27

2.6 Percentage of Rolled Back New-Orders....27

2.7 Items per New-Order....27

2.8 Percentage of Home and Remote Payments....27

2.9 Percentage of Access by Last Name....27

2.10 Percentage of Skipped Deliveries....28

2.11 Transaction Mix....28

2.12 Queueing Mechanism....28

3 Clause 3 Transaction and System Properties Related Items....29

3.1 Transaction System Properties (ACID)....29

3.2 Atomicity....29

3.2.1 Completed Transaction....29

3.2.2 Aborted Transaction....29

3.2.3 Consistency....29

3.3 Isolation Tests....29

3.3.1 Isolation Test 1....30

3.3.2 Isolation Test 2....30
3.3.3 Isolation Test 3....30
3.3.4 Isolation Test 4....30
3.3.5 Isolation Test 5....31
3.3.6 Isolation Test 6....31
3.3.7 Isolation Test 7....31
3.3.8 Isolation Test 8....31
3.3.9 Isolation Test 9....32
3.4 Durability....32
3.4.1 Loss of Memory, Instantaneous Interruption, Power Loss, and Loss of Log....32
3.4.2 Loss of Durable Media Containing Database Tables....32
4 Clause 4: Scaling and Database Population Related Items....34
4.1 Initial Cardinality of Tables....34
4.2 Database Layout....34
4.3 Type of Database....34
4.4 Mapping of Database....34
4.5 60 Day Space Computation....35
5 Clause 5: Performance Metrics and Response Time Related Items....37
5.1 Measured tpmC....37
5.2 Response Times....37
5.3 Keying and Think Times....37
5.4 Response Time Frequency Distribution Curves....37
5.5 Think Time Frequency Distribution....40
5.6 Response Times versus Throughput....40
5.7 Throughput versus Elapsed Time....41
5.8 Steady State Determination....41
5.9 Work Performed During Steady State....41
5.10 Measurement Period Duration....42
5.11 Transaction Mix Regulation....42
5.12 Transaction Mix....42
5.13 Percentage of New-Order Transactions....42
5.14 Number of Order-lines per New-Order....42
5.15 Percentage of Remote Order-lines per New-Order....42
5.16 Percentage of Remote Payments....42
5.17 Percentage of Non-Primary access by C_LAST for Payment and Order-Status....42
5.18 Percentage of Skipped Delivery Transactions....42

5.19 Checkpoints....42
6 Clause 6: SUT, Driver and Communications Related Items....44
6.1 RTE Description....44
6.2 Lost Connections....44
6.3 Emulated Components....44
6.4 Configuration Diagrams....44
6.5 Network Configuration....44
6.6 Operator Intervention....45
7 Clause 7: Pricing Related Items....46
7.1 Hardware and Software Component Pricing....46
7.2 Total Three Year Cost....46
7.3 Availability....46
7.4 Hardware and Software Support....46
7.5 Statement of tpmC, Price/Performance....46
7.6 Country Specific Pricing....47
7.7 Orderability Date....47
8 Clause 8: Audit Related Items....48
8.1 Auditor's Report....48
Appendix A: Application Source....50
Client Source Code....50
tpccClient.c....50
tpccClient.h....50
tpccTux.c....50
tpccTux.h....52
tpccDiag.c....52
tpccDiag.h....52
tpccNsapi.c....52
tpccService.c....55
tpccService.h....70
tpccBool.h....70
tpccConst.h....70
tpccData.h....70
tpcc.h....70
Multi_svr....71
ora_errrpt.c....71
ora_err.h....72

tpcc_srv_del.c....72
tpcc_srv_init.c....78
tpcc_srv_util.c....78
ora_oci.h....79
tpccflags.h....81
tpcc.h....81
Uni_svr....82
ora_errrpt.c....82
tpcc_srv_init.c....83
tpcc_srv_newo.c....83
tpcc_srv_ords.c....88
tpcc_srv_paym.c....92
tpcc_srv_stock.c....97
tpcc_srv_util.c....98
Stored Procedures....99
paynz.sql....99
payz.sql....100
tkvcpdel.sql....100
tpvcpnew.sql....100
Appendix B: Database Build....104
analyze.sql....104
createdb.sql....104
createindex_icust1.sql....104
createindex_icust2.sql....104
createindex_idist.sql....105
createindex_iitem.sql....105
createindex_iordr2.sql....105
createindex_iware.sql....105
createspacestats.sql....105
createtable_cust.sql....106
createtable_dist.sql....106
createtable_hist.sql....106
createtable_item.sql....106
createtable_nord.sql....107
createtable_ordl.sql....107
createtable_ordr.sql....107

createtable_stok.sql....107
createtable_ware.sql....107
tkvcinin.sql....108
tpccload.c....114
createts.sh....130
loadcust.sh....131
loaddist.sh....133
loadhist.sh....133
loaditem.sh....134
loadnord.sh....134
loadordrordl.sh....136
loadstok.sh....139
p_build.ora....143
RTE Parameters....143
config....143
Appendix C: Parameter Settings....144
Oracle Data-Base Parameters....144
p_run.ora....144
listener.ora....144
tnsnames.ora....144
Sun Fire X4800 M2 Parameters....144
version....145
cmdline....145
sysctl.conf....145
meminfo....145
cpuinfo....145
fdisk....146
udev.rules....275
balance_eth_irqs.sh....310
balance_qla_irqs.sh....310
limits.conf....310
COMSTAR DATA Heads....310
prtdiag....310
prtconf....312
format....314
format for sample FMod....318

/etc/system....318
mpt.conf....319
sbadm list-lu....319
metastat....321
COMSTAR REDO Heads....328
uname....328
prtdiag....329
prtconf....329
format....329
/etc/vfstab....330
/etc/system....330
mpt.conf....331
niwot.conf....331
sbadm....331
metastat....332
Clients....333
prtdiag....333
prtconf....333
format....333
/etc/release....333
/etc/vfstab....333
/etc/hosts....334
/etc/system....334
/etc/project....335
/etc/user_attr....335
metastat....335
ubbconfig....335
Brocade 5300 SAN Switch....338
Appendix D: Third Party Pricing....343

List of Figures

Fig 1: Measured ConfigurationPriced Configuration....24
Figure 1: Database Mapping....35
Figure 2: 60 Day Space Calculations....36
Figure 3: New-Order Response Time Distribution....37
Figure 3: Payment Response Time Distribution....38
Figure 4: Order-Status Response Time Distribution....38
Figure 5: Delivery (Interactive) Response Time Distribution....39
Figure 6: Stock-Level Response Time Distribution....39
Figure 7: New-Order Think Time Distribution....40
Figure 8: New-Order Response Time versus Throughput....40
Figure 9: New-Order Throughput versus Time 41

List of Tables

Table 1: X4800 M2 Server Configuration....20
Table 2: DATA COMSTAR Configuration....21
Table 3: REDO COMSTAR Configuration....21
Table 4: Client Configuration....22
Table 5: COMSTAR External Controller Substitution....23
Table 6: Transaction Input Percentages and Mix....28
Table 7: Table Cardinality....34
Table 8: RTE Parameter Input....44
Table 9: Statement of tpmC and Price/Performance....46
Table 10: Orderability Dates....47

Preface

This report documents the compliance of the Oracle TPC Benchmark ™ C testing on the Sun Fire X4800 M2 Server running Oracle Database 11g Release 2, executing the TPC Benchmark ™ C Standard, Revision 5.11.0.

The TPC Benchmark ™ C Full Disclosure Report is organized as follows:

- The main body of the document lists each item in Clause 8 of the TPC Benchmark ™ C Standard and explains how each specification is satisfied.
- Appendix A contains the application source code that implements the Tuxedo CFS-R Tier 1 transaction server code and Oracle iPlanet Web Server plug-ins.
- Appendix B contains the code used to create and load the database.
- Appendix C contains the configuration information for the Oracle Linux with UEK Release 2, Oracle Solaris 11, Oracle iPlanet Web Server, Oracle Database 11g Release 2 and Tuxedo CFS-R Tier 1.

Sun Fire X4800 M2 Server TPC Benchmark ™C Full Disclosure

Introduction

The TPC Benchmark ™ C Standard Specification requires test sponsors to publish, and make available to the public, a full disclosure report for the results to be considered compliant with the Standard.

This report is intended to satisfy the Standard's requirement for full disclosure. It documents the compliance of the benchmark tests required in the *TPC Benchmark ™* C results for the Sun Fire X4800 M2 Server running Oracle Database 11g Release 2.

In the *Standard Specification*, the main headings in Clause 8 are keyed to the other clauses. The headings in this report use the same sequence, so that they correspond to the titles or subjects referred to in Clause 8.

Each section in this report begins with the text of the corresponding item from Clause 8 of the *Standard Specification*, printed in italic type. The plain type text that follows explains how the tests comply with the TPC-C Benchmark

0 General Items

0.1 Application Code and Definition Statements

The application program (as defined in Clause 2.1.7) must be disclosed. This includes, but is not limited to, the code implementing the five transactions and the terminal input and output functions.

Appendix A contains the application source code that implements the transactions and forms modules.

0.2 Sponsor

A statement identifying the benchmark sponsor(s) and other participating companies must be provided.

This benchmark test was sponsored by Oracle America, Inc.

0.3 Parameter Settings

Settings must be provided for all customer-tunable parameters and options which have been changed from the defaults found in actual products, including but not limited to:

- *Database tuning options*
- *Recovery/commit options*
- *Consistency/locking options*
- *Operating system and application configuration parameters*

Appendix C contains all the required parameter settings for the X4800 M2 Server database node, the X4270M2 COMSTAR nodes, the Brocade 5300 SAN switches, the X4170M2 clients, all Oracle Linux with UEK Release 2 and Oracle Solaris 11 tunables, along with parameters for Oracle Database 11g Release 2, Oracle iPlanet Web Server and Tuxedo CFS-R Tier 1.

0.4 Configuration Diagrams

Diagrams of both measured and priced configurations must be provided, accompanied by a description of the differences.

Database Nodes Description

The X4800 M2 Server is configured as described below:

	Sun Fire X4800 M2 Server
Processors	8 Intel Xeon E7-8870 2.4GHz
Processors / Cores / Threads	8 / 80 / 160
Memory	4 TB DDR3
Disks	8 300GB 10K RPM 2.5” SAS
Adapters	8 8Gb/s dual port PCI-E FC-AL
	1 internal PCI-E SAS
Networks	2 10GbE dual port PCI-E SFP+ Ethernet
	8 port 1GbE integrated Ethernet
Service Processor	Integrated

Table 1: X4800 M2 Server Configuration

DATA COMSTAR Heads Description

The measured configuration consists of 10 Sun Fire X4275 Servers running Oracle Solaris 11 as Common Multi-protocol SCSI Target (COMSTAR) heads. The COMSTAR heads are configured and used as external storage controllers. The Sun Fire X4275 Server is no longer orderable and has been replaced by the Sun Fire X4270 M2 Server in the Priced Configuration. Each of the COMSTAR DATA heads are configured with the same hardware peripherals (except for the 2TB disks, SATA vs. SAS) and were loaded with the same distribution of database tables and indexes. The differences of the Sun Fire X4275 Server and the Sun Fire X4270 M2 Server is detailed below:

	Sun Fire X4275 Server (Measured)	*Sun Fire X4270 M2 Server (Priced)*
Processor	Intel Xeon E5540 2.53GHz QC	Intel Xeon X5690 3.47GHz HC
Processors / Cores / Threads	1 / 4 / 8	1 / 6 / 12
Memory	6GB	12GB
Disks	12 2TB SATA 3.5” 7.2K RPM	10 2TB SAS 3.5” 7.2K RPM
Adapters	1 8Gb/s dual port PCI-E FC-AL	
	4 6Gb/s external SAS PCI-E	
	1 6Gb/s internal SAS PCI-E	1 6Gb/s internal SAS/SATA RAID PCI-E
Network	4 port 1GbE integrated Ethernet	
Service Processor	Integrated	

Table 2: DATA COMSTAR Configuration

Each DATA COMSTAR head is configured with 2 Sun Storage F5100 Flash Arrays. Each F5100 array is contains 80 24GB FMODS (Flash Modules), for a total of 1.92TB. The F5100 arrays are connected to the 8 port external SAS PCI-E adapters via 0.5m SAS cables. Each SAS port is connected to a FMOD expander port on the F5100 array for a total of 8 external SAS ports on the COMSTAR head to 8 FMOD expanders on the 2 F5100 arrays. Each FMOD is visible to the COMSTAR head as a separate device for a total of 160 devices per DATA COMSTAR head. Each of the 160 FMODs are partitioned into 4 equal sizes. Using Solaris Volume Manager (SVM), 4 160-way RAID-0 stripes are created. From these 4 stripes 224-225 soft partitions are created, sized for 1-4 datafiles each. These are exported as LUNs over the 8Gb/s FC-AL to the Brocade 5300 SAN switch and to the X4800 M2 Server.

The COMSTAR heads of the DATA SAN have 10 2TB disks for Oracle Solaris 11 and to satisfy the 60 day space requirements. No database tables were stored on the 2TB disks for the measurement, they were used solely for backup of the initial database and for 60 day storage. Each DATA COMSTAR head is connected to the Brocade 5300 SAN switch via 2 8Gb/s fibre channel connections.

REDO COMSTAR Heads Description (Logs)

The measured configuration of the REDO consists of 2 X42775 Servers running Oracle Solaris 11 as Common Multi-protocol SCSI Target (COMSTAR) heads. The COMSTAR heads are configured and used as external storage controllers. Each of the REDO COMSTAR heads is configured with the same hardware peripherals, version of Oracle Solaris 11, and managed the same load for the Oracle redo (recovery) logs. Each of COMSTAR REDO heads are configured with the same hardware peripherals (except for the 2TB disks, SATA vs. SAS). The differences of the Sun Fire X4275 Server and the Sun Fire X4270 M2 Server is detailed below:

	Sun Fire X4275 Server (Measured)	*Sun Fire X4270 M2 Server (Priced)*
Processor	Intel Xeon E5540 2.53GHz QC	Intel Xeon X5690 3.47GHz HC
Processors / Cores / Threads	1 / 4 / 8	1 / 6 / 12
Memory	6GB	12GB
Disks	11 2TB SATA 3.5” 7.2K RPM	11 2TB SAS 3.5” 7.2K RPM
Adapters	1 8Gb/s dual port PCI-E FC-AL	
	1 6Gb/s internal SAS/SATA RAID PCI-E	
Network	4 port 1GbE integrated Ethernet	
Service Processor	Integrated	

Table 3: REDO COMSTAR Configuration

Each REDO COMSTAR are configured with 11 2TB SATA disks through the 6Gb/s Internal RAID adapter. One 2TB disk is dedicated for the OS and local filesystems. The remaining 10 2TB disks are configured as a 10-way striped LUN using the internal LSI HBA RAID controller. The write cache on the controller is enabled. Two soft partitions are created on the LUN using Solaris Volume Manager (SVM). These are exported to the Brocade 5300 SAN switch via 8Gb/s FC-AL. Mirroring and control of writes is handled through Oracle Database 11g Release 2. All redo log devices are directly connected to the X4800 M2 Server via 1 8Gb/s fibre channel connection.

Client Configuration Description

The TPC-C transactions are entered via a Remote Terminal Emulator which communicates with Oracle iPlanet Web Server running on 8 Sun Fire X4170 M2 clients. Each client is configured with:

	Sun Fire X4170 M2 Server (Measured)	***Sun Fire X4170 M2 Server (Priced)***
Processors	2 Intel Xeon X5670 2.93GHz HC	2 Intel Xeon X5675 3.06GHz HC
Processors/Cores/ Threads	2 / 12 / 24	
Memory	48 GB DDR3	
Disks	2 146GB 10K RPM 2.5” SAS	2 300GB 10K RPM 2.5” SAS
Adapters	1 6Gb/s internal PCI-E SAS	
Network	4 port 1GbE integrated Ethernet	
Service Processor	Integrated	

Table 4: Client Configuration

The client systems receive transactions via Oracle iPlanet Web Server which communicates with Tuxedo CFS-R Tier 1 with connections into the Oracle Database 11g Release 2.

There are two other networks configured on the system that do not participate in atomic transactions. The first is a service processor network which all systems are members of. This is used for powering on and off and system console access. The second network is the System Under Test (SUT) network between each of the X4800 M2 Server, X4270 M2s, X4170 M2s, SAN switch and 10GbE switch for system administration and other maintenance related activities.

Substitutions

Figure 1 shows the measured configuration and Figure 2 the full priced configuration. The DATA and REDO COMSTAR descriptions above also detail the differences for the priced and measured configurations. All of the external storage controllers for the DATA storage environment will be substituted in the priced configuration, along with both of the external storage controllers used in the REDO environment. The controllers being replaced are the Sun Fire X4275 Servers by the Sun Fire X4270 M2 Servers in the DATA and REDO environments. The substitution is done per Clause 2.3.3.3 of the Pricing specification using the following information:

	DATA COMSTAR heads				*REDO COMSTAR heads*			
CPU	Qty	X4275	Qty	X4270 M2	Qty	X4275	Qty	X4270 M2
Type	1	E5540	1	X5690	1	E5540	1	X5690
GHz		2.53		3.47		2.53		3.47
# Cores		4		6		4		6
# Threads		8		12		8		12
L1 cache	4	64KB	6	64KB	4	64KB	6	64KB
L2 cache	4	256KB	6	256KB	4	256KB	6	256KB
L3 cache		8MB		12MB		8MB		12MB
Memory								
Size	3	2GB	3	4GB	3	2GB	3	4GB
MHz		1066		1333		1066		1333
Type		DDR3		DDR3		DDR3		DDR3
Adapters								
Bus Type	1	6Gb/s SAS HBA, internal	1	6Gb/s SAS RAID, internal	1	6Gb/s SAS RAID internal	1	6Gb/s SAS RAID internal

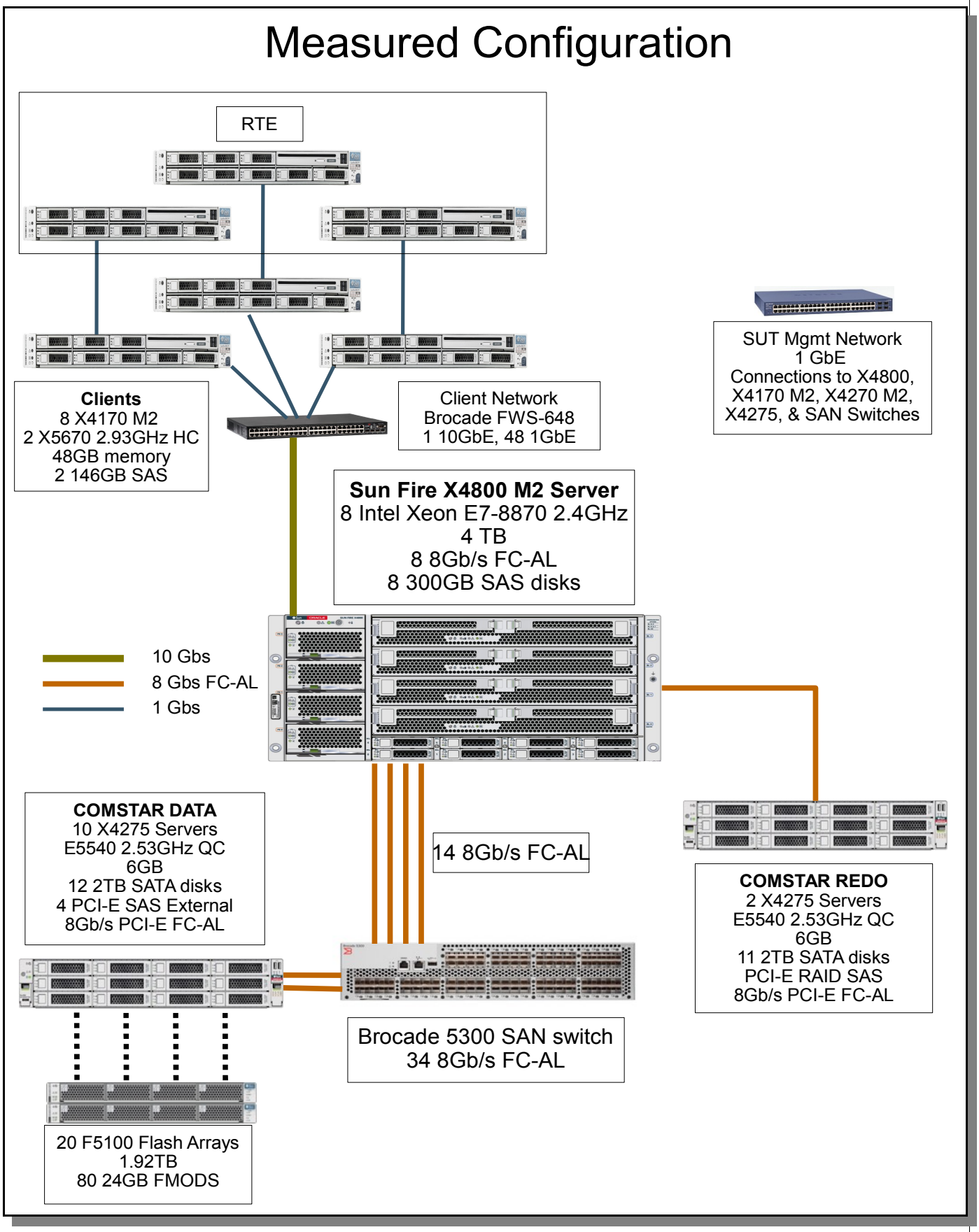
	1	8Gb/s FC-AL	1	8Gb/s FC-AL	1	8Gb/s FC-AL	1	8Gb/s FC-AL
	4	6Gb/s SAS External	4	6Gb/s SAS External				

Table 5: COMSTAR External Controller Substitution

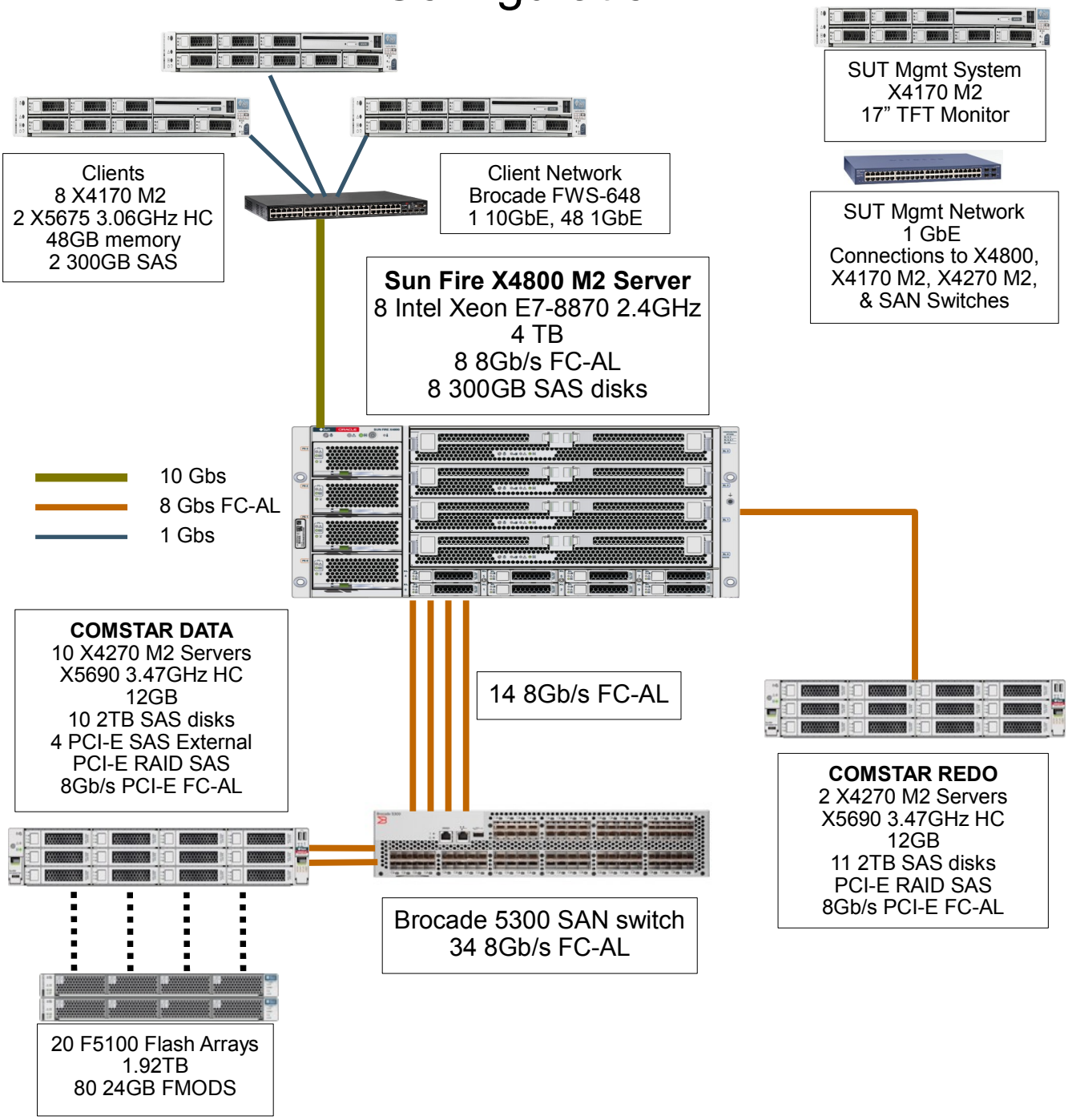
In addition, the processors for the X4170 M2 Servers used in the measured configuration as Clients are being substituted for in the priced configuration, along with the 146GB disk used for the operating system. The table below provides the details.

Client Substitution				
CPU		Intel Xeon X5670		Intel Xeon X5675
GHz		2.93		3.06
# Cores		6		6
# Threads		12		12
L1 Cache	6	64KB	6	64KB
L2 Cache	6	256KB	6	256KB
L3 Cache		12MB		12MB
Disks	3	146 GB SAS 10K RPM 2.5” SAS	2	300GB 10K RPM 2.5” SAS
Size	12	4GB	12	4GB
MHz		1333		1333
Type		DDR3		DDR3

Fig 1: Measured ConfigurationPriced Configuration



Priced Configuration



1 Clause 1: Logical Database Design Related Items

1.1 Table Definitions

Listing must be provided for all table definition statements and all other statements used to set up the database.

Appendix B describes the programs that define, create, and populate the Oracle database used for this testing.

1.2 Physical Organization of Database

The physical organization of tables and indices, within the database, must be disclosed.

Please see the section 0.4 Configuration Details for a detailed description of the SUT environment. Each DATA COMSTAR head has 2 F5100s for a total of 160 24GB Flash Modules (FMODS). Each FMOD is loaded with a VTOC to create four slices. Using SVM, a partition is created across all of the FMODs on a DATA head for each of the slices. Soft partitions are created on each of the four partitions also using SVM. The soft partitions are exported as raw devices through the Brocade 5300 switch to the X4800 M2 Server. These raw devices seen by the database server are then evenly "sliced" and the slices used by Oracle Database 11g Release 2 to create the tablespaces on. The full details of the scripts used to create the slices and partitions are in Appendix B.

1.3 Insert and Delete Operations

It must be ascertained that insert and/or delete operations to any of the tables can occur concurrently with the TPC-C transaction mix. Furthermore, any restrictions in the SUT database implementation that precludes inserts beyond the limits defined in Clause 1.4.11 must be disclosed. This includes the maximum number of rows that can be inserted and the maximum key value for these new rows.

All insert and delete functions were verified and fully operational during the entire benchmark.

1.4 Partitioning

While there are a few restrictions placed upon horizontal or vertical partitioning of tables and rows in the TPC-C benchmark (see Clause 1.6), any such partitioning must be disclosed.

The table History and iordr2 index, are partitioned horizontally. The details of the partitioning are disclosed in Appendix B for the database build environment.

2 Clause 2: Transaction And Terminal Profiles Related Items

2.1 Random Number Generation

The method of verification for the random number generation must be described.

The Random Number Generator used was SysVr4 nrand48() and erand48() UNIX calls.

2.2 Input/Output Screen Layouts

The actual layout of the terminal input/output screens must be disclosed.

All screen layouts followed the specification exactly. The HTML source code used to generate the screens is available in Appendix A.

2.3 Terminal Feature Verification

The method used to verify that the emulated terminals provide all the features described in Clause 2.2.2.4 must be explained.

The terminal attributes were verified by the auditor manually exercising each specification during the onsite audit portion of this benchmark.

2.4 Presentation Manager or Intelligent Terminal

Any usage of presentation managers or intelligent terminals must be explained.

Application code running on the client machines implemented the TPC-C user interface. No presentation manager software or intelligent terminal features were used. The data is passed to the terminals using the HTML format, which can be displayed with any standard Web browser. The application code for the HTML display generation is listed in Appendix A.

2.5 Percentage of Home and Remote Order-lines

The percentage of home and remote order-lines in the New-Order transactions must be disclosed.

The Transaction Input Percentages and Mix Table contains the percentage of home and remote order-lines for all of the New-Order transactions completed during the measurement interval.

2.6 Percentage of Rolled Back New-Orders

The percentage of New-Order transactions that were rolled back as a result of an unused item number must be disclosed.

The Transaction Input Percentages and Mix table contains the percentage of New-Order transactions that were rolled back due to an illegal item being entered.

2.7 Items per New-Order

The number of items per orders entered by New-Order transactions must be disclosed.

The Transaction Input Percentages and Mix table contains the average number of items ordered for each New-Order transaction.

2.8 Percentage of Home and Remote Payments

The percentage of home and remote Payment transactions must be disclosed.

The Transaction Input Percentages and Mix table contains the percentage of home and remote warehouse transactions that occurred during the measurement interval for the Payment transactions.

2.9 Percentage of Access by Last Name

The percentage of Payment and Order-Status transactions that used non-primary key (C_LAST) access to the database must be disclosed.

The Transaction Input Percentages and Mix table contains the percentage of Payment and Order-Status transactions that were accessed by C_LAST (non-primary key access) during the measurement interval.

2.10 Percentage of Skipped Deliveries

The percentage of Delivery transactions that were skipped as a result of an insufficient number of rows in the NEW-ORDER table must be disclosed.

The Transaction Input Percentages and Mix table contains the percentage of Delivery transactions which were "skipped" due to insufficient number of rows in the NEW-ORDER table.

2.11 Transaction Mix

The mix (i.e., percentages) of transaction types seen by the SUT must be disclosed.

The Transaction Input Percentages and Mix table contains the mix of each transaction type executed by the SUT.

New-Order	Sun Fire X4800 M2 Server
Percentage of Home order-lines	99.00%
Percentage of Remote order-lines	1.00%
Percentage of Rolled Back Transactions	1.00%
Avg. Number of Items per Transactions	10.00
Payment	
Percentage of Home Transactions	85.00%
Percentage of Remote Transactions	15.00%
Access by C_LAST (Non-primary key)	
Percentage of Payment Transactions	60.00%
Percentage of Order-Status Transactions	60.00%
Delivery	
Percentage of Deliveries skipped	0.00%
Transaction Mix	
New-Order	44.96%
Payment	43.01%
Order-Status	4.01%
Delivery	4.01%
Stock-Level	4.01%

Table 6: Transaction Input Percentages and Mix

2.12 Queueing Mechanism

The queueing mechanism used to defer the execution of the Delivery transaction must be disclosed.

Delivery transactions were submitted to servers using the same mechanism that other transactions used, Tuxedo API. The only difference was that tpacall() was used instead of tpcall() to call the server process asynchronously, i.e. control would return to the client thread immediately and the deferred delivery part would complete asynchronously in the server process.

3 Clause 3 Transaction and System Properties Related Items

3.1 Transaction System Properties (ACID)

The results of the ACID tests must be disclosed along with a description of how the ACID requirements were met. This includes disclosing which case was followed for the execution of Isolation Test 7.

The TPC Benchmark C Standard Specification defines a set of transaction processing system properties that a system under test (SUT) must support during the execution of the benchmark. Those properties are Atomicity, Consistency, Isolation, and Durability (ACID).

This section defines each of these properties, describes the steps taken to ensure that they were present during the test and describes a series of tests done to demonstrate compliance with the standard.

3.2 Atomicity

The system under test must guarantee that transactions are atomic; the system will either perform all individual operations on the data, or will assure that no partially completed operations leave any effects on the data.

3.2.1 Completed Transaction

Perform the Payment transaction for a randomly selected warehouse, district, and customer (by customer number as specified in Clause 2.5.1.2) and verify that the records in the CUSTOMER, DISTRICT, and WAREHOUSE tables have been changed appropriately.

A row was randomly selected from the warehouse, district and customer tables and the balances noted. A payment transaction was started with the same warehouse, district and customer identifiers and a known amount. The payment transaction was committed and the rows were verified to contain correctly updated balances.

3.2.2 Aborted Transaction

Perform the Payment transaction for a randomly selected warehouse, district, and customer (by customer number as specified in Clause 2.5.1.2) and substitute a ROLLBACK of the transaction for the COMMIT of the transaction. Verify that the records in the CUSTOMER, DISTRICT, and WAREHOUSE tables have NOT been changed.

A row was randomly selected from the warehouse, district and customer tables and the balances noted. A payment transaction was started with the same warehouse, district and customer identifiers and a known amount. The payment transaction was rolled back and the rows were verified to contain the original balances.

3.2.3 Consistency

Consistency is the property of the application that requires any execution of a database transaction to take the database from one consistent state to another, assuming that the database is initially in a consistent state.

The benchmark specification requires explicit demonstration of the following four consistency conditions:

1. The sum of the district year-to-date (d_ytd) balance for all districts within a warehouse is equal to the balance of the warehouse year-to-date (w_ytd) for the district's warehouse;
2. For each district, the next order id (d_next_o_id) minus one, is equal to the most recent order id (max(o_id)) from the ORDER table for the associated district and warehouse. Also, the (d_next_o_id) minus one is equal to the max(no_o_id) (most recent new-order) from the NEW-ORDER table;
3. For each district, the maximum order id minus minimum order id in the ORDER table plus one equals the number of rows in the NEW-ORDER table for that district;
4. For each district, the sum of the order line counts in the ORDER table equals the number of rows in the ORDER-LINE table for that district;

These consistency conditions were tested using a shell script to issue queries to the database. The results of the queries verified that the database was consistent for all four tests. The same four consistency tests were performed after the reported performance run during the audit.

3.3 Isolation Tests

The TPC Benchmark C Standard defines nine tests that are to be performed to demonstrate that required level of transaction isolation are met.

These tests are performed on the Sun Fire X4800 M2 Server configured for 380,000 warehouses. Each of the nine isolation tests were executed. All tests have been verified to demonstrate the desired transaction isolation level.

3.3.1 Isolation Test 1.

This test demonstrates isolation for read-write conflicts of Order-Status and New-Order transactions when the New-Order transaction is committed.

The test proceeds as follows:

1. An Order-Status transaction T0 was executed and committed for a randomly selected customer, and the order returned was noted.
2. A New-Order transaction T1 was started for the same customer used in T0. T1 was stopped prior to COMMIT.
3. An Order-Status transaction T2 was started for the same customer used in T1. T2 completed and was committed without being blocked by T1. T2 returned the same order that T0 had returned.
4. T1 was allowed to complete and was committed.
5. An Order-Status transaction T3 was started for the same customer used in T1. T3 returned the order inserted by T1.

3.3.2 Isolation Test 2

This test demonstrates isolation for read-write conflicts of Order-Status and New-Order transactions when the New-Order transaction is rolled back.

The test proceeds as follows:

1. An Order-Status transaction T0 was executed and committed for a randomly selected customer and the order returned was noted.
2. A New-Order transaction T1 with an invalid item number was started for the same customer used in T0. T1 was stopped immediately prior to ROLLBACK.
3. An Order-Status transaction T2 was started for the same customer used in T1. T2 completed and was committed without being blocked by T1. T2 returned the same order that T0 had returned.
4. T1 was allowed to ROLLBACK.
5. An Order-Status transaction T3 was started for the same customer used in T1. T3 returned the same order that T0 had returned.

3.3.3 Isolation Test 3

This test demonstrates isolation for write-write conflicts of two New-Order transactions when both transactions are committed.

The test proceeds as follows:

1. The D_NEXT_O_ID of a randomly selected district was retrieved.
2. A New-Order transaction T1 was started for a randomly selected customer within the district used in step 1. T1 was stopped immediately prior to COMMIT.
3. Another New-Order transaction T2 was started for the same customer used in T1. T2 waited.
4. T1 was allowed to complete. T2 completed and was committed.
5. The order number returned by T1 was the same as the D_NEXT_O_ID retrieved in step 1. The order number returned by T2 was one greater than the order number returned by T1.
6. The D_NEXT_O_ID of the same district was retrieved again. It had been incremented by two (i.e. it was one greater than the order number returned by T2).

3.3.4 Isolation Test 4

This test demonstrates isolation for write-write conflicts of two New-Order transactions when one transaction is rolled back.

The test proceeds as follows:

1. The D_NEXT_O_ID of a randomly selected district was retrieved.
2. A New-Order transaction T1, with an invalid item number, was started for a randomly selected customer within the district used in step 1. T1 was stopped immediately prior to ROLLBACK.
3. Another New-Order transaction T2 was started for the same customer used in T1. T2 waited.
4. T1 was allowed to roll back, and T2 completed and was committed.
5. The order number returned by T2 was the same as the D_NEXT_O_ID retrieved in step 1.
6. The D_NEXT_O_ID of the same district was retrieved again. It had been incremented by one (i.e. one greater than

the order number returned by T2).

3.3.5 Isolation Test 5

This test demonstrates isolation for write-write conflicts of Payment and Delivery transactions when Delivery transaction is committed.

The test proceeds as follows:

1. A query was executed to find out the customer who is to be updated by the next delivery transaction for a randomly selected warehouse and district.
2. The C_BALANCE of the customer found in step 1 was retrieved.
3. A Delivery transaction T1 was started for the same warehouse used in step 1. T1 was stopped immediately prior to COMMIT.
4. A Payment transaction T2 was started for the same customer found in step 1. T2 waited.
5. T1 was allowed to complete. T2 completed and was committed.
6. The C_BALANCE of the customer found in step 1 was retrieved again. The C_BALANCE reflected the results of both T1 and T2.

3.3.6 Isolation Test 6

This test demonstrates isolation for write-write conflicts of Payment and Delivery transactions when the Delivery transaction is rolled back.

The test proceeds as follows:

1. A query was executed to find out the customer who is to be updated by the next delivery transaction for a randomly selected warehouse and district.
2. The C_BALANCE of the customer found in step 1 was retrieved.
3. A Delivery transaction T1 was started for the same warehouse used in step 1. T1 was stopped immediately prior to ROLLBACK.
4. A Payment transaction T2 was started for the same customer found in step 1. T2 waited.
5. T1 was allowed to ROLLBACK. T2 completed and was committed. The C_BALANCE of the customer found in step 1 was retrieved again. The C_BALANCE reflected the results of only T2.

3.3.7 Isolation Test 7

This test demonstrates repeatable reads for the New-Order transaction while an interactive transaction updates the prices of some items.

The test proceeds as follows:

1. The I_PRICE of two randomly selected items X and Y were retrieved.
2. A New-Order transaction T1 with a group of items including items X and Y was started. T1 was stopped immediately after retrieving the prices of all items. The prices of items X and Y retrieved matched those retrieved in step 1.
3. A transaction T2 was started to increase the price of items X and Y by 10%.
4. T2 did not stall and was committed.
5. T1 was resumed, and the prices of all items were retrieved again within T1. The prices of items X and Y matched those retrieved in step 1.
6. T1 was committed.
7. The prices of items X and Y were retrieved again. The values matched the values set by T2.

Execution followed *Case D* of *Clause 3.4.2.7*.

3.3.8 Isolation Test 8

This test demonstrates isolation for phantom protection between New-Order and Order-Status transactions.

The test proceeds as follows:

1. An Order-Status transaction T1 was started for a randomly selected customer.
2. T1 was stopped immediately after reading the order table for the selected customer to find the most recent order for that customer.
3. A New-Order transaction T2 was started for the same customer. T2 completed and was committed without being blocked by T1.

4. T1 was resumed and the ORDER table was read again to determine the most recent order for the same customer. The order found was the same as the one found in step 2.
5. T1 completed and was committed.

3.3.9 Isolation Test 9.

This test demonstrates isolation for phantom protection between New-Order and Delivery transactions.

The test proceeds as follows:

1. The NO_D_ID of all NEW_ORDER rows for a randomly selected warehouse and district was changed to 11. The changes were committed.
2. A Delivery transaction T1 was started for the selected warehouse.
3. T1 was stopped immediately after reading the NEW_ORDER table for the selected warehouse and district. No qualifying row was found.
4. A New-Order transaction T2 was started for the same warehouse and district. T2 completed and was committed without being blocked by T1.
5. T1 was resumed and the NEW_ORDER table was read again. No qualifying row was found.
6. T1 completed and was committed.
7. The NO_D_ID of all NEW_ORDER rows for the selected warehouse and district was restored to the original value. The changes were committed.

3.4 Durability

The tested system must guarantee durability: the ability to preserve the effects of committed transactions and insure database consistency after recovery from any one of he failures listed in Clause 3.5.3.

3.4.1 Loss of Memory, Instantaneous Interruption, Power Loss, and Loss of Log

This test was executed by following these steps:

1. The total number of orders was determined by the sum of D_NEXT_O_ID from all rows in the district table; giving the beginning count.
2. The RTE was started with full user load.
3. The test was allowed to ramp up and ran in steady state for more than 5 minutes.
4. The test ran for a least one more minute.
5. The cable connecting one of the REDO COMSTAR heads to one of the database nodes is removed, thereby causing the loss of one-half of the mirrored log environment (loss of disk). Because the redo logs for the database node are mirrored across the REDO COMSTAR heads, the test continues to run without interruption.
6. The run continued for at least 5 minutes while maintaining steady state.
7. Power to the X4800 M2 Server was disconnected
8. The test was allowed to continue for at least one more minute.
9.
10. The database was shutdown and restarted. Oracle automatic recovery was initiated and completed.
11. Step 1 was repeated, giving the ending count.
12. Consistency Test 3 was verified.
13. A sample from the success file was compared against the database.
14. The RTE report was used to determine the number of successful New-Order transactions. The difference between the counts in Steps 1 and 11 was compared with the RTE count to verify that no committed transactions were lost.

3.4.2 Loss of Durable Media Containing Database Tables

This test can be executed on a small scaled database (at least 10%) under a reduced user load (at least 10%). The throughput is reaching at least 10% of the reported tpmC. When a reduced configuration is used, a target of 12% is recommended to avoid falling under the 10% threshold.

This test was executed by following these steps:

1. The total number of orders was determined by the sum of D_NEXT_O_ID from all rows in the district table; giving the beginning count.
2. The RTE was started with a reduced terminal load accounting for more than 10% of the reported throughput.

3. The test was allowed to ramp up and ran in steady state for more than 5 minutes.

4. A manual checkpoint was initiated and complete and the test was allowed to run for a least one more minute.

5. A cable between one DATA COMSTAR head and the Brocade 5300 SAN switch was disconnected. This causes the instantaneous loss of an exported LUN (disk) on the DATA head.

6. The test was allowed to run until a fault was detected and transactions start reporting errors.

7. The RTE was shutdown. The RTE report was generated.

8. The failed DATA COMSTAR head was restored.

9. The database tables were restored from backup, overwriting the data, except for the logs.

10. The database was started and the roll-forward recovery (Oracle instance recovery) was executed.

11. Step 1 was repeated, giving the ending count.

12. Consistency Test 3 was verified.

13. A sample from the success file was compared against the database.

14. The RTE report was used to determine the number of successful New-Order transactions. The difference between the counts in Steps 1 and 12 was compared with the RTE count to verify that no committed transactions were lost.

4 Clause 4: Scaling and Database Population Related Items

4.1 Initial Cardinality of Tables

The cardinality (e.g. number of rows) of each table, as it existed at the start of the benchmark run (see Clause 4.2), must be disclosed. If the database was over-scaled and inactive rows of the WAREHOUSE table were deleted (see Clause 4.2.2) the cardinality of the WAREHOUSE table as initially configured and the number of rows deleted must be disclosed.

This database was built with 380,000 warehouses. The following tables shows the initial cardinality of the tables after table population, and the cardinality prior to the measurement run.

Table	*Initial Row Count*	*Row Count Prior to Measured Run*
Warehouse	380,000	380,000
District	3,800,000	3,800,000
Customer	11,400,000,000	11,400,000,000
History	11,400,000,000	12,232,147,615
Orders	11,400,000,000	12,269,880,128
New order	3,420,000,000	3,842,621,110
Order line	114,003,093,920	122,702,131,282
Stock	38,000,000,000	38,000,000,000
Item	100,000	100,000

Table 7: Table Cardinality

4.2 Database Layout

The distribution of tables and logs across all media must be explicitly depicted for the tested and priced systems.

Refer to Section 0.4 Configuration Details for a description of the physical layout of the SUT. The Sun Fire X4800 M2 Server database logs are mirrored across the two REDO COMSTAR heads.

The database tables are distributed across all of the DATA COMSTAR heads. The mapping of the database tables to the DATA heads are described in Mapping of Database below. The physical setup of the DATA heads are described in detail in Section 0.4 DATA COMSTAR Heads Description.

4.3 Type of Database

A statement must be provided that describes:

1. The data model implemented by the DBMS used (e.g., relational, network hierarchical).

2. The database interface (e.g., embedded, call level) and access language (e.g., SQL, DL/1, COBOL read/write) used to implement the TPC-C transactions. If more than one interface/access language is used to implement TPC-C, each interface/access language must be described and a list of which interface/access language is used with which transaction type must be disclosed.

Oracle Database 11g Release 2 Enterprise Edition is a relational database management system. SQL stored procedures were invoked via the Oracle Call Interface (OCI). The application code appears in Appendix A.

4.4 Mapping of Database

The mapping of database partitions/replications must be explicitly described.

All of the database tables are partitioned across the DATA heads. Each DATA head has 160 24GB SSD devices. A VTOC is loaded unto each SSD which creates 4 separate partitions. Oracle Solaris Volume Manager creates a RAID 0 stripe across all 160 devices for each partition. Soft partitions are created within each of the 4 partitions. These soft partitions are exported to the SAN and are visible to the X4800 M2 Server. The following table shows the distribution of the soft

partitions for each DATA head to the database table.

Data Node	cust	hist	icust1	icust2	iordr2	istok	misc	nord	ordr / ordl	stok	system	undo
1	56	8	4	4	8	4	1	4	20	72	1	0
2	56	8	4	4	8	4	1	4	20	72	0	1
3	56	8	4	4	8	4	1	4	20	72	0	0
4	56	8	4	4	8	4	1	4	20	72	0	0
5	56	8	4	4	8	4	1	4	20	72	0	0
6	56	8	4	4	8	4	1	4	20	72	0	0
7	56	8	4	4	8	4	0	4	20	72	1	0
8	56	8	4	4	8	4	0	4	20	72	1	0
9	56	8	4	4	8	4	0	4	20	72	1	0
10	56	8	4	4	8	4	0	4	20	72	0	1
Total	560	80	40	40	80	40	6	40	200	720	4	2

Figure 1: Database Mapping

4.5 60 Day Space Computation

Details of the 60 day space computations along with proof that the database is configured to sustain 8 hours of growth for the dynamic tables (Order, Order-Line, and History) must be disclosed (see Clause 4.2.3).

Warehouses	**380,000**				
tpmC	**4,803,718**				
		(MB)	(MB)	(MB)	(MB)
Table	**Rows**	**Table**	**Index**	**5% Growth**	**Total Space**
Warehouse	380000	1,510	10	76	1,596
District	3800000	14,894	80	749	15,723
Item	100,000	16	2	1	19
Stock	38,000,000,000	10,613,648	742,611	567,813	11,924,072
Customer	11,400,000,000	7,429,657	803,000	411,633	8,644,290
New-Order	3,420,000,000	89,933	0	4,497	94,430
Orders	11,400,000,000	917,489	38,550	193,370	1,149,409
Order-Line	114,003,093,920	8,257,403	346,950	1,740,332	10,344,685
History	11,400,000,000	661,314	0	133,758	795,072
Overhead		2,584			2,584
Free Space	3,679764				
Dynamic Space	12,289,167				
Static Space	20,682,713				
Daily Growth	2,485,629				
Daily Spread	0				
60 Days Storage Requirements					
60 Days (MB)	169,820,462				
60 Days (GB)	165,840				
8 Hours Log Storage					
Log Requirements					
Average log switch Interval (seconds)	1,620				
Log size with mirroring (GB)	1,360				

Log switch in 8 Hrs	18
8HR Log Req (GB)	24,177

Storage		**Measured**		**Priced**	
Disk Type	**Formatted Capacity(GB)**	**# of Disks**	**Capacity (GB)**	**# of Disks**	**Capacity (GB)**
F5100 1.92TB	22.88	1,600	36,608	1,600	36,608
2TB SAS	1,820	80	145,600	80	145600
2TB SAS (Log RAID 10)	1,820	20	36,400	20	36,400
Total Capacity					218,608

Figure 2: 60 Day Space Calculations

5 Clause 5: Performance Metrics and Response Time Related Items

5.1 Measured tpmC

Measured tpmC must be reported.

The measured tpmC was 4,803,718

5.2 Response Times

Ninetieth percentile, maximum and average response times must reported for all transaction types as well as for the menu response time.

Please refer the Numerical Quantities Section of the Executive Summary of this report for the Response Time values.

5.3 Keying and Think Times

The minimum, the average, and the maximum keying and think times must be reported for all transaction types.

Please refer the Numerical Quantities Section of the Executive Summary of this report for the Keying and Think Time values.

5.4 Response Time Frequency Distribution Curves

Response Time frequency distribution curves (see Clause 5.6.1) must be reported for each transaction type.

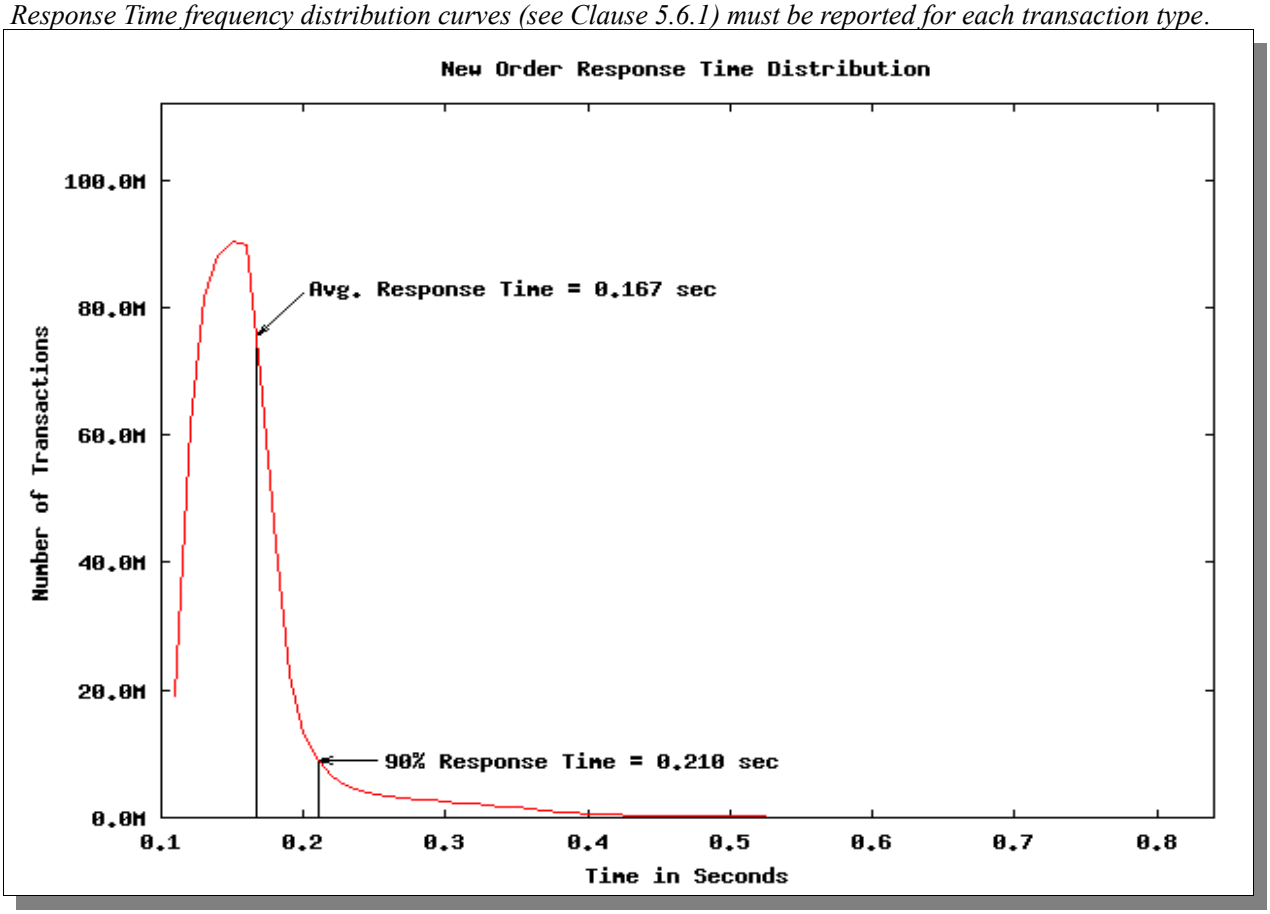


Figure 3: New-Order Response Time Distribution

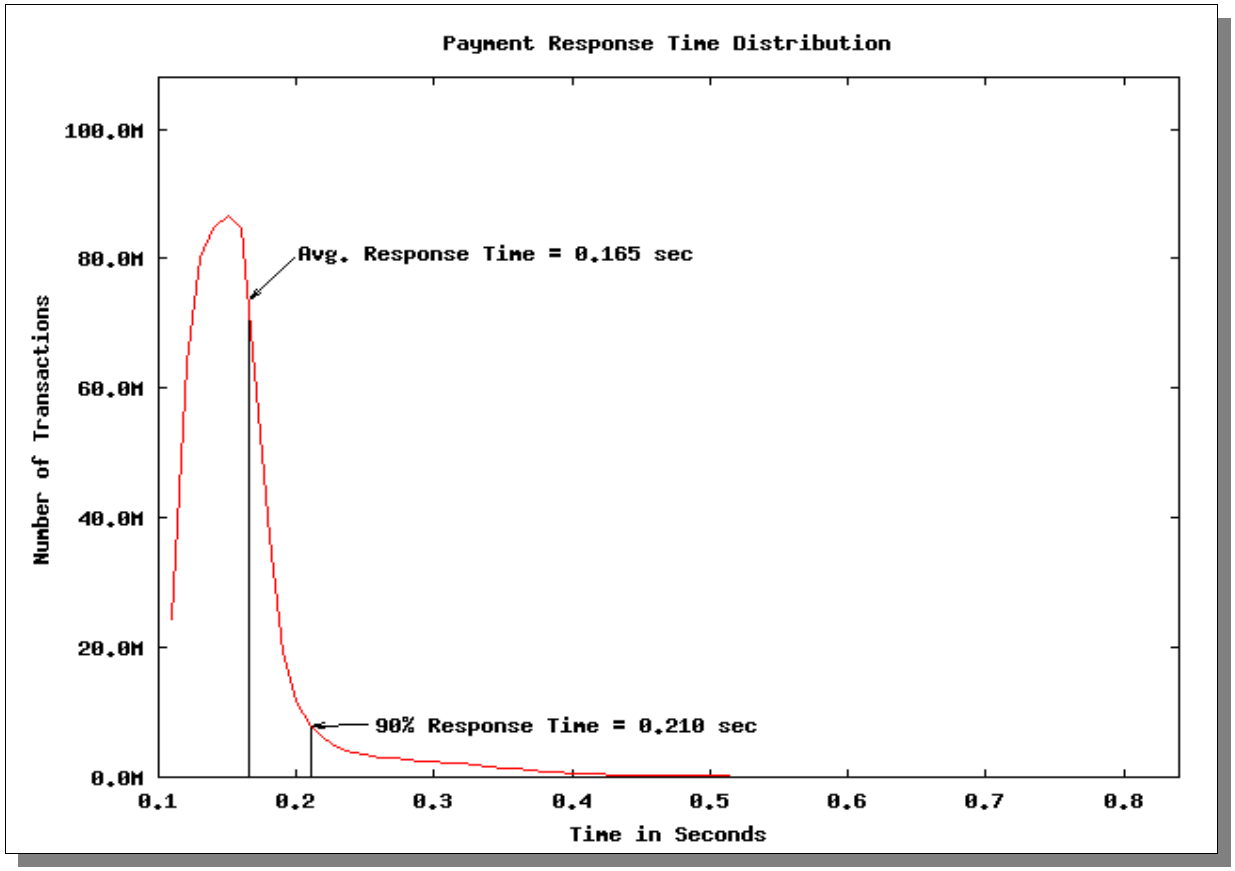


Figure 3: Payment Response Time Distribution

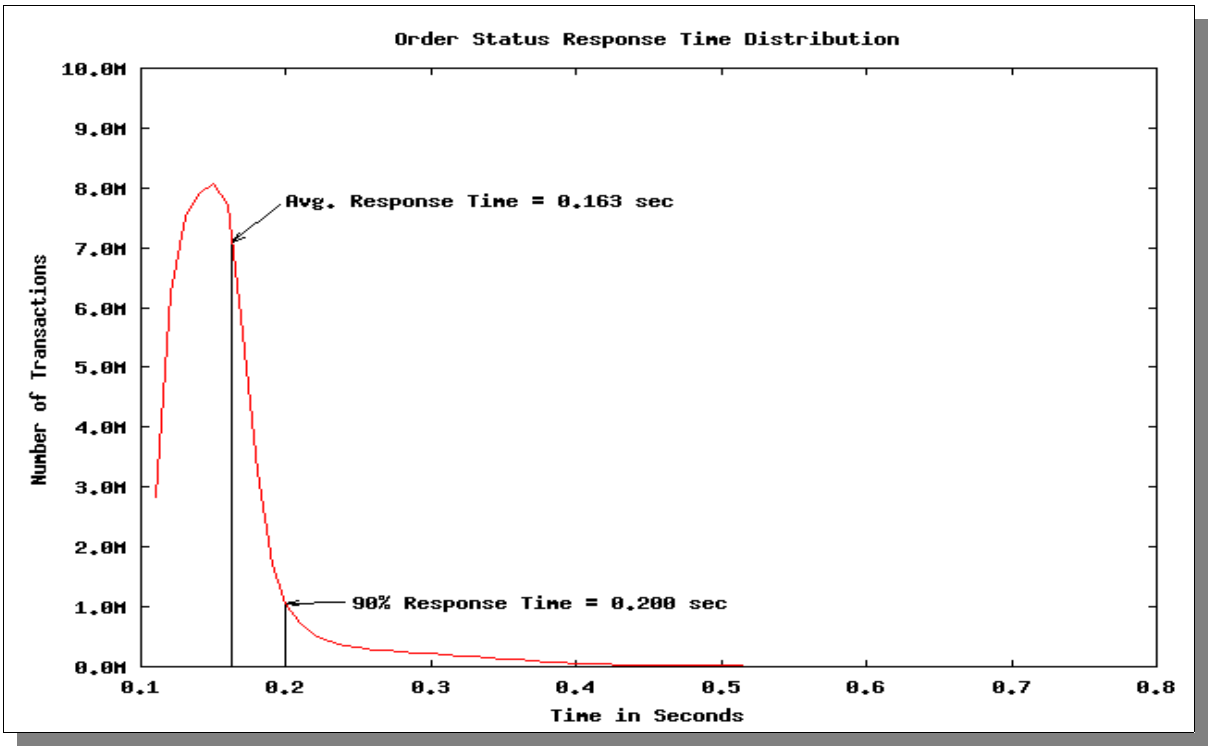


Figure 4: Order-Status Response Time Distribution

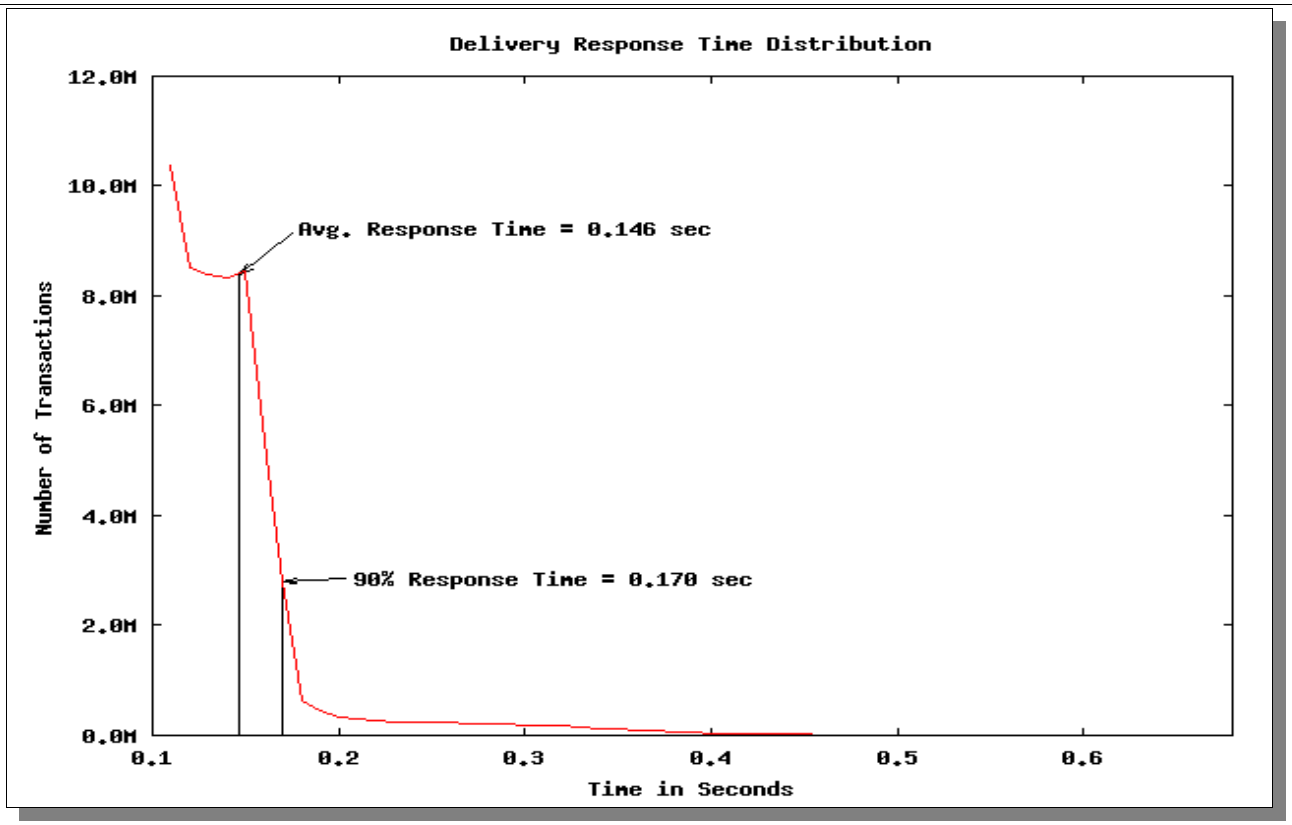


Figure 5: Delivery (Interactive) Response Time Distribution

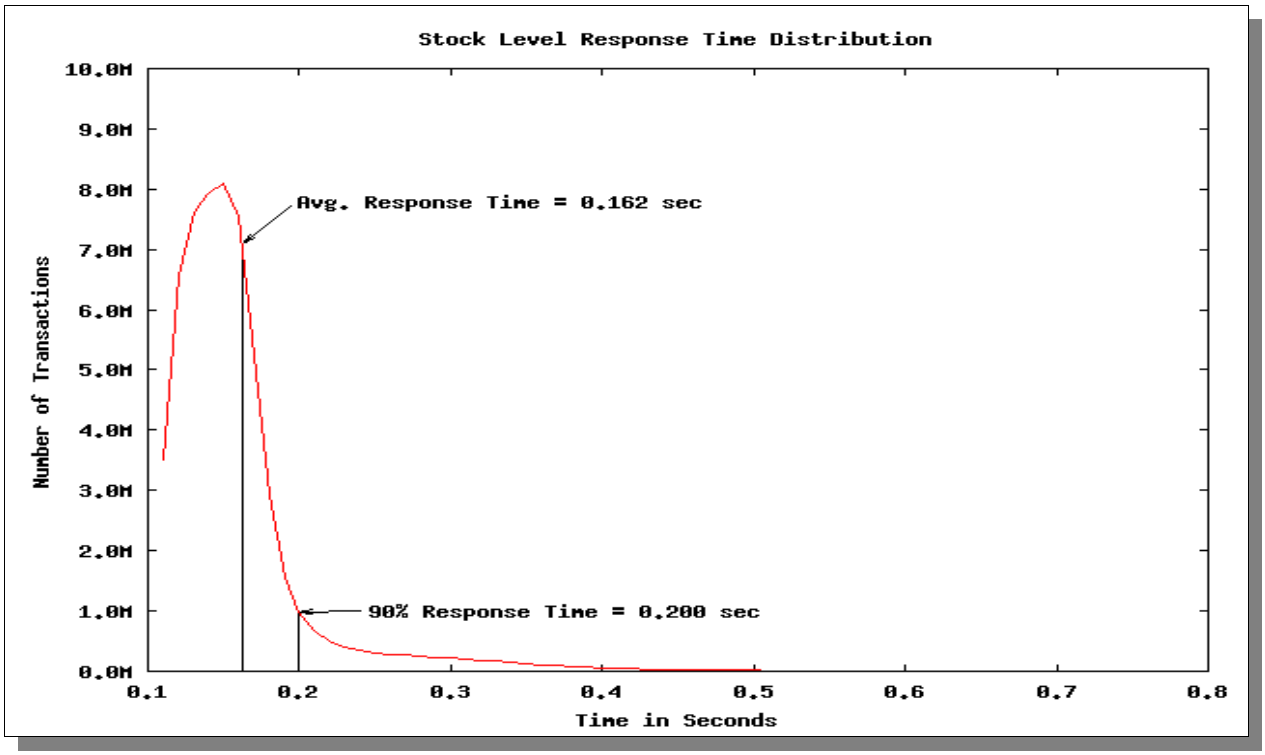


Figure 6: Stock-Level Response Time Distribution

5.5 Think Time Frequency Distribution

Think Time frequency distribution curves (see Clause 5.6.3) must be reported for the New-Order transaction.

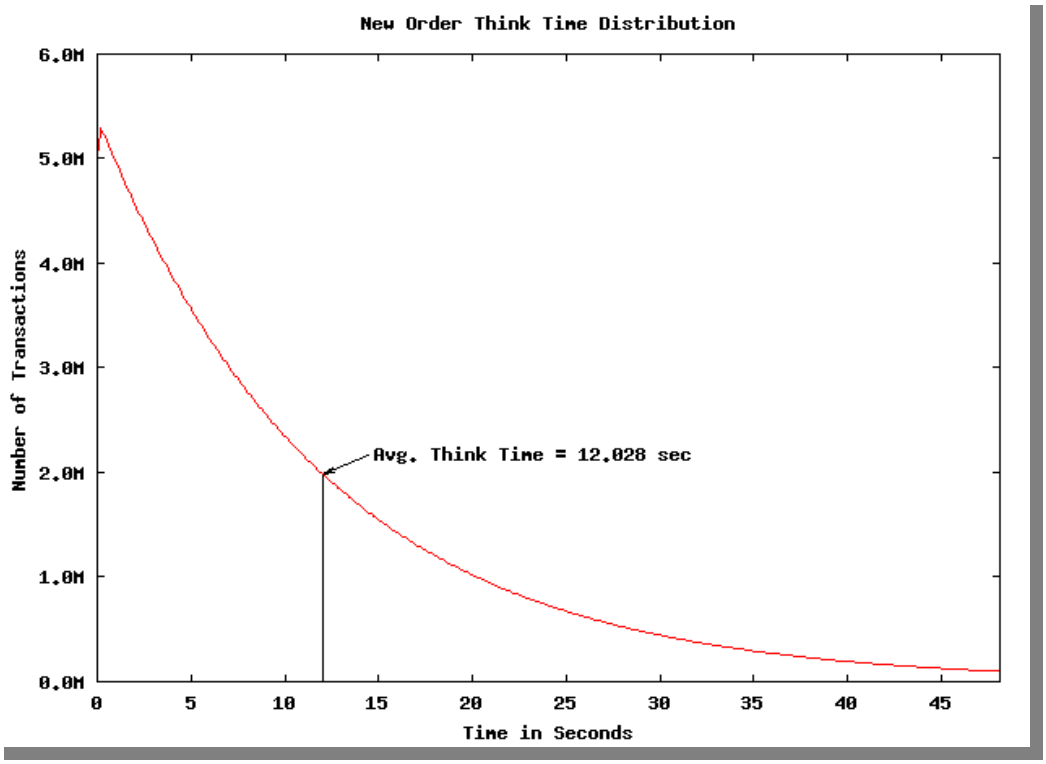


Figure 7: New-Order Think Time Distribution

5.6 Response Times versus Throughput

The performance curve for response times versus throughput (see Clause 5.6.2) must be reported for the New-Order transaction.

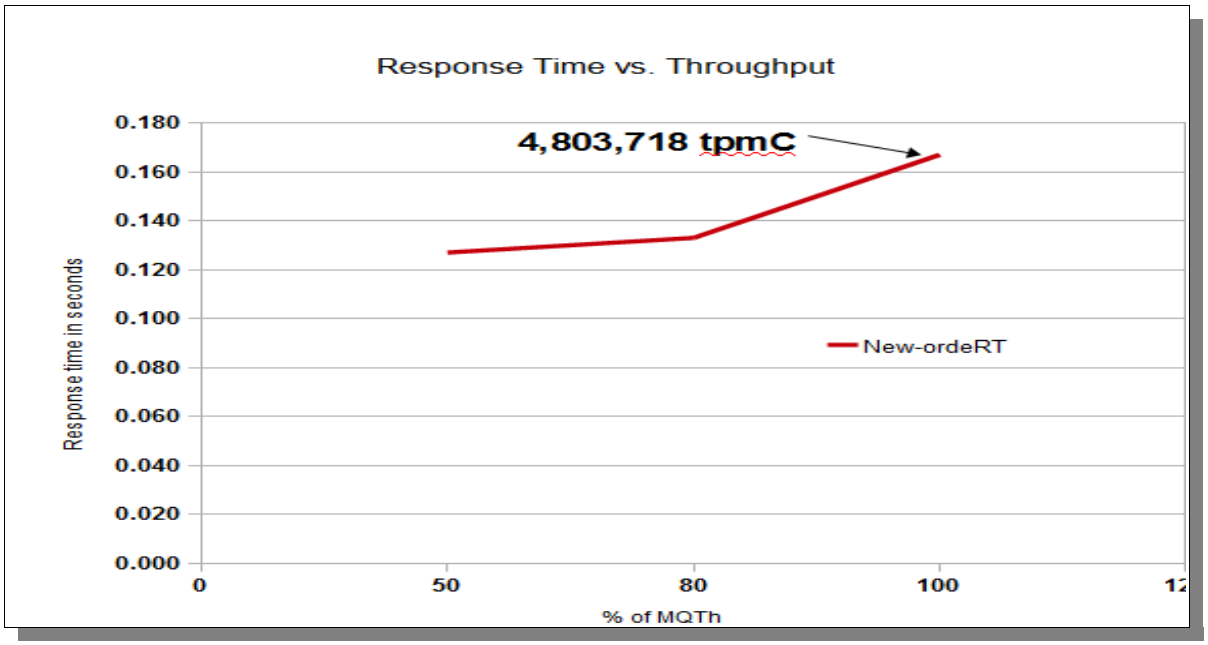


Figure 8: New-Order Response Time versus Throughput

5.7 Throughput versus Elapsed Time

A graph of throughput versus elapsed time (see Clause 5.6.4) must be reported for the New-Order transaction.

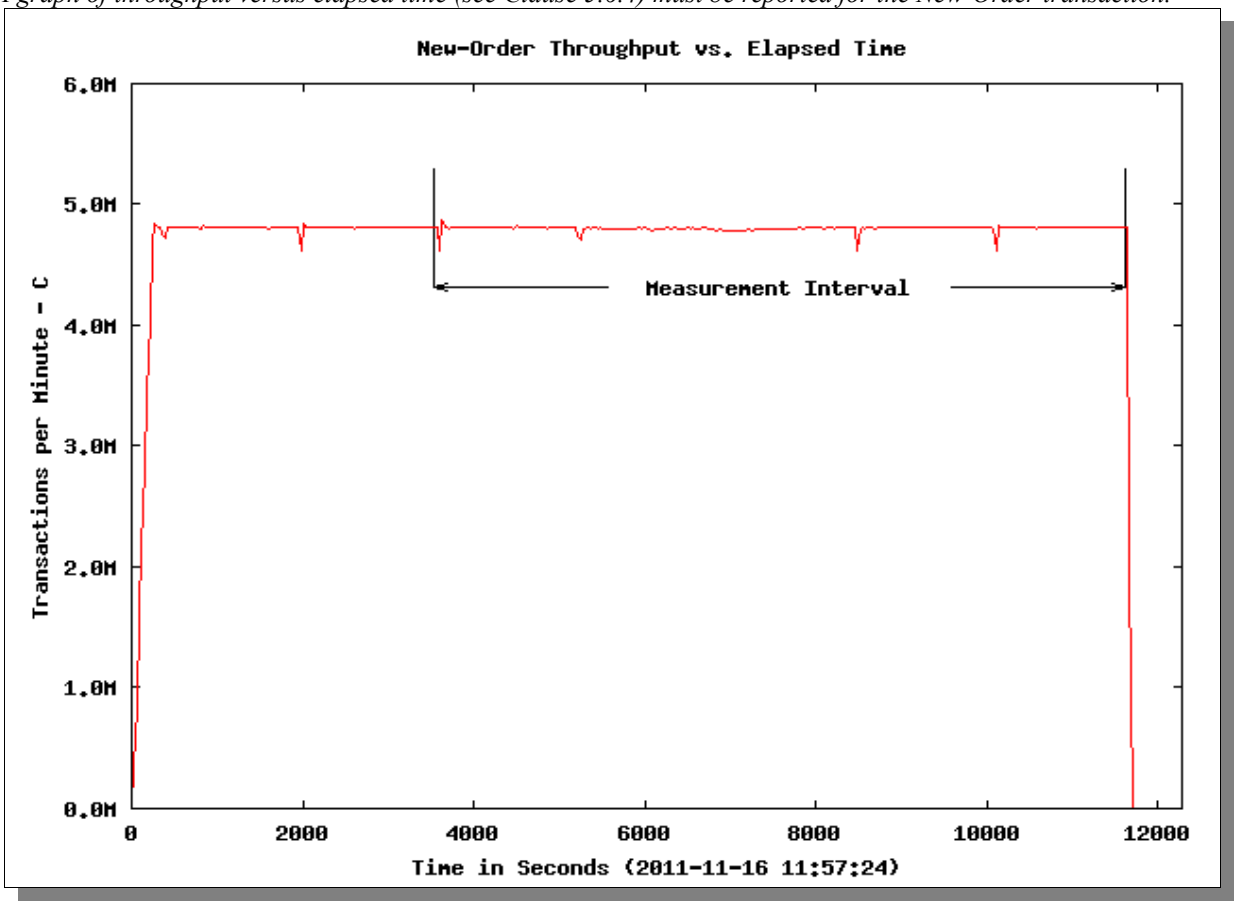


Figure 9: New-Order Throughput versus Time

5.8 Steady State Determination

The method used to determine that the SUT had reached a steady state prior to commencing the measurement interval (see Clause 5.5) must be described.

The throughput was verified by examining the throughput (tpmC) graph reported at 30 second intervals for the duration of the benchmark.

5.9 Work Performed During Steady State

A description of how the work normally performed during a sustained test (for example checkpointing, writing redo/undo log records, etc.), actually occurred during the measurement interval must be reported.

During the Test Run, emulated users submit TPC-C transactions according to the described mix, keying time and think times. The transactions are implemented in accordance with the requirements of the specification. An emulated user submits transaction input via HTTP and receives acknowledgment of the completed transaction. The response time is measured from the start of the transaction until the last byte is received by the RTE. Upon completion of a transaction, the RTE "thinks" for a randomly generated time period before selecting the next transaction. Upon selection of the next transaction to execute thru the Menu transaction, an emulated user delays for a period of time to simulate the rate of an individual inputting data. The transaction is submitted and the cycle continues until the Test Run completes.

During the execution of the transactions, Oracle maintains consistency of the database through the use of isolation properties that meet the requirements of the specification. Also, committed transactions are "logged" using Oracle's redo log functions. These logs ensure the system never loses any committed transactions. To ensure modified data pages are not left in memory for more than 30 minutes, Oracle implements an ongoing incremental checkpoint to flush modified pages to their respective tables on disk.

5.10 Measurement Period Duration

A statement of the duration of the measurement interval for the reported Maximum Qualified Throughput (tpmC) must be included.

The reported measured interval was 8,069 seconds (2 hours, 14 minutes, 29 seconds) long.

5.11 Transaction Mix Regulation

The method of regulation of the transaction mix (e.g., card decks or weighted random distribution) must be described. If weighted distribution is used and the RTE adjusts the weights associated with each transaction type, the maximum adjustments to the weight from the initial value must be disclosed.

A weighted distribution algorithm was used by the RTE to regulate the transaction mix. Weights for the various transactions were assigned before the measurement started and adjustments automatically made periodically during the run to maintain the desired mix.

5.12 Transaction Mix

The percentage of the total mix for each transaction type must be disclosed.

See Transaction Input Percentages and Mix table on page 28.

5.13 Percentage of New-Order Transactions

The percentage of New-Order transactions rolled back as a result of invalid item number must be disclosed.

See Transaction Input Percentages and Mix table on page 28.

5.14 Number of Order-lines per New-Order

The average number of order-lines entered per New-Order transaction must be disclosed.

See Transaction Input Percentages and Mix table on page 28.

5.15 Percentage of Remote Order-lines per New-Order

The percentage of remote order-lines entered per New-Order transaction must be disclosed.

See Transaction Input Percentages and Mix table on page 28.

5.16 Percentage of Remote Payments

The percentage of remote payment transactions must be disclosed.

See Transaction Input Percentages and Mix table on page 28.

5.17 Percentage of Non-Primary access by C_LAST for Payment and Order-Status

The percentage of customer selections by customer last name in the Payment and Order-Status transactions must be disclosed.

See Transaction Input Percentages and Mix table on page 28.

5.18 Percentage of Skipped Delivery Transactions

The percentage of Delivery transactions skipped due to there being fewer than necessary orders in the New-Order table must be disclosed.

See Transaction Input Percentages and Mix table on page 28.

5.19 Checkpoints

The number of checkpoints in the Measurement Interval, the time in seconds from the start of the Measurement Interval to the first checkpoint and the Checkpoint Interval must be disclosed.

Oracle checkpoints ensure that modified data blocks are written to durable media. Oracle performs checkpoints in an incremental and continuous fashion in such a way that modified data blocks do not stay "dirty" in the shared memory longer than a specified duration.

Oracle controls checkpoints using one or combination of the following mechanisms:

- the redo log is filled to a specified capacity, causing a log switch
- the amount of data written to redo log reaches a value specified by log_checkpoint_interval

- the amount of the time since the last checkpoint reaches a value specified by log_checkpoint_timeout
- an explicit command
- maximum time to recover a crashed database instance, specified by fast_mttr_target

The redo logs are sized to control the checkpoints. They are sized to guarantee that no data blocks are "dirty" for more than 1700 seconds in shared memory.

The following table contains information regarding checkpoints, both before and during the measurement interval.

Checkpoints				
Checkpoint #	Start Time	End Time	Duration	Comments
	11:57:24			Run starts
#0	12:00:53	12:00:53		
#1	12:03:38	12:27:48	0:24:10	
#2	12:30:30			
	12:52:08			Measurement starts
#2		12:54:48	0:24:18	
#3	12:57:31	13:21:56	0:24:25	
#4	13:24:38	13:49:08	0:24:30	
#5	13:51:51	14:16:12	0:24:21	
#6	14:18:55	14:43:12	0:24:17	
#7	14:45:54			
	15:06:37			Measurement ends
#7		15:10:07	0:24:13	

The measurement interval begins at 12:52:08 and ends at 15:06:37. One checkpoint is completed before the measurement interval begins. There are five checkpoints completed within the measurement interval. The average checkpoint interval is 27 minutes, 06 seconds. A checkpoint during measurement interval lasts approximately 24 minutes and 22 seconds.

6 Clause 6: SUT, Driver and Communications Related Items

6.1 RTE Description

If the RTE is commercially available, then its inputs must be specified. Otherwise, a description must be supplied of what inputs (e.g. scripts) to the RTE had been used.

The RTE used was developed by Oracle and is proprietary. It consists of a master_rte program which creates a thread for each RTE session and controls the run. After the run completes, a separate report generator program collects all the log files and generates the final statistics of a run.

Inputs to the RTE include the names of the RTE machines to run on, client machines to attach to, the database scale, the ramp-up, measurement and ramp-down times. The main inputs to the RTE are as follows:

Input Type	*Value*
Ramp-up Duration	3,284 seconds
Ramp-Down Duration	1 second
Measurement Interval	8,069 seconds
Database Scale	380,000 warehouses
Total Users	3,800,000
Users/Driver	237,500
Number of RTEs	16
Client Ports	8080

Table 8: RTE Parameter Input

6.2 Lost Connections

The number of terminal connections lost during the Measurement Interval must be disclosed (see Clause 6.6.2).

The number of connections were counted when the RTE was first started and a count of the number of errors that occurred during the benchmark run were kept. There were no errors reported during the Measurement Interval, therefore no lost connections.

6.3 Emulated Components

It must be demonstrated that the functionality and performance of the components being emulated in the Driver System are equivalent to that of the priced system. The results of the test described in Clause 6.6.3.4 must be disclosed.

In the configuration, workstations are connected to the clients via HTTP in the same way as the emulated system. The driver system emulates the workstations by making a direct connection to the SUT for each terminal.

6.4 Configuration Diagrams

A complete functional diagram of both the benchmark configuration and the configuration of the proposed (target) system must be disclosed. A detailed list of all software and hardware functionality being performed on the Driver System, and its interface to the SUT must be disclosed (see Clause 6.6.3.6).

The Fig 1: Measured Configuration on page 24 details the configuration used during the measurement. The Priced Configuration on page 24 details the components that were priced. Refer to sections 6.1 and 6.3 above for a description of the emulated components of the Driver System.

6.5 Network Configuration

The network configurations of both the tested services and the proposed (target) services which are being represented and a thorough explanation of exactly which parts of the proposed configuration are being replaced with the Driver System must be disclosed (see Clause 6.6.4).

The measured configuration utilized 3 separate networks to administer, maintain, setup, and execute the TPC-C transactions. The first network provides administration and support services between the X4800 M2 Server, all of the COMSTAR heads, and the X4170M2 clients through a 1GbE network using 1 Netgear JGS548E 24 port switch. The

second is between the X4170 M2 clients and the X4800 M2 Server through the Brocade FastIron FWS648 switch. The third network provides system console and service processor control for all of the above machines over a 1GbE through the same Netgear switch as the administration network. The last network is a 1GbE ethernet between the X4170 M2 clients and the RTE. This RTE network provides the user and terminal emulation and therefore is not priced.

6.6 Operator Intervention

If the configuration requires operator intervention, the mechanism and the frequency of this intervention must be disclosed.

The Sun Fire X4800 M2 Server configuration does not require any operator intervention to sustain the reported throughput for the 8 hour business day.

7 Clause 7: Pricing Related Items

7.1 Hardware and Software Component Pricing

A detailed list of hardware and software used in the priced system must be reported. Each separately orderable item must have vendor part number, description, release/revision level, and either general availability status or committed delivery date. If package-pricing is used, vendor part number of the package and a description uniquely identifying each of the components of the package must be disclosed. Pricing source(s) and effective date(s) of price(s) must also be reported.

A detailed price list is included as part of the Executive Summary included with this report. A third-party price quote from CDW is available in Appendix D.

7.2 Total Three Year Cost

*The total 3-year price of the entire **Priced Configuration** must be reported, including: hardware, software, and maintenance charges. The justification of any **Discounts** applied must be disclosed in the price sheet. Sufficient detail of what items are being discounted and by how much they are being discounted must be provided so that the **Discount** amount used in the computation of the total system cost can be independently reproduced.*

Details of the pricing for all components used in this measurement are included in the Executive Summary at the beginning of this document. Oracle's discounts are based on US list prices and for similar quantities and configurations. A total discount of 31.4% has been applied to all Oracle hardware, software, and services based on the total value and quantities of the components of the configuration, including full payment of all components and maintenance.

For assistance with any of these prices or their applicability to any customer's requirements please contact:

Mary Beth Pierantoni mary.beth.pierantoni@oracle.com

7.3 Availability

*The Committed delivery date for general availability (availability date) of products used in the price calculations must be reported. The Availability Date must be reported on the first page of the Executive Summary and with a precision of one day. When the priced system includes products with different availability dates, the reported availability date for the priced system must be the date at which all **Components** are committed to be **Generally Available.** Each **Component** used in the **Priced Configuration** is considered to be Available on the Availability Date unless an earlier date is specified.*

All products will be available on June 26, 2012

7.4 Hardware and Software Support

Oracle's Premier Support for Systems consists of services in support of hardware systems, firmware, and software. For hardware systems this support is limited to Sun hardware only. For Oracle's Sun servers, this includes support for Oracle Linux with UEK Release 2 and Oracle Solaris 11. This support is for 24 hours a day, 7 days a week with a 4 hour response time.

Oracle Incident Server Support consists of software support for Oracle Database 11g Release 2, Partitioning and Tuxedo CFS-R Tier 1 with a 4 hour response time, 24 hours a day, 7 days a week.

7.5 Statement of tpmC, Price/Performance

A statement of the measured tpmC, as well as the respective calculations for 3-year pricing, price/performance (price/tpmC), and the availability date must be included.

System	*tpmC*	*3-year System Cost*	*$/tpmC*	*Availability Date*
Sun Fire X4800 M2 Server with X4800 M2 Servers	4,803,718	$4,662,643	$0.98	June 26, 2012

Table 9: Statement of tpmC and Price/Performance

7.6 Country Specific Pricing

Additional Clause 7 related items may be included in the Full Disclosure Report for each country specific priced configuration. Country specific pricing is subject to Clause 7.1.7

The components for this configuration are priced using currency from the United States of America. All prices from Oracle are based upon US list prices.

7.7 Orderability Date

For each of the components that are not orderable on the report date of the FDR, the following information must be included in the FDR:

- *Name and part number of the item that is not orderable*
- *The date when the component can be ordered (on or before the Availability Date)*
- *The method to be used to order the component (at or below the quoted price) when that date arrives*
- *The method for verifying the price*

All components of this system under test are orderable as of the date of publishing. While all components are orderable immediately, the following components are not available until:

Product	***Availability Date***
Sun X4800 M2 Server	January 17, 2012
Oracle Database 11g Release 2 with Partitioning for OEL 6.1	June 26, 2012
Sun Storage F5100 Flash Array Firmware	June 26, 2012

Table 10: Orderability Dates

The pricing for the components does not change. Customers who purchase the components at the current versions will be eligible to download and install upgrades to the levels used in this measurement by the availability date.

8 Clause 8: Audit Related Items

8.1 Auditor's Report

The auditor's name, address, phone number, and a copy of the auditor's attestation letter indicating compliance must be included in the Full Disclosure Report

The Auditor's Attestation Letter is included after the Executive Summary on page 4.

Appendix A: Application Source

Client Source Code

tpccClient.c

```
/***
 *** tpccClient.c
 *** (c) 2000, 2001 Sun Microsystems, Inc.  All rights reserved.
 ***
 ***/

#include <stdarg.h>
#include <stdio.h>
#include <stdlib.h>
#include <string.h>

#include <sys/types.h>
#include <sys/stat.h>
#include <errno.h>
#include <fcntl.h>

#include "tpccBool.h"
#include "tpcc.h"


BOOL bInitServer(WORKER *,int,int,BOOL);
BOOL bTuxInit(WORKER *pWorker);

BOOL bInitServer(WORKER * pWorker,int iTerminalId,int
iWorkerId,BOOL bProcess)
{
  pWorker->iWarehouseId = 0;
  pWorker->iDistrictId = 0;
  pWorker->iWorkerId = iWorkerId;
  pWorker->iTerminalId = iTerminalId;
  pWorker->uScreenId = 0;
  pWorker->iStatusId = 0;
  pWorker->bRequestForm = TRUE;
  pWorker->pTuxInData  = NULL;
  pWorker->pTuxOutData = NULL;
  pWorker->lTuxDataLen = 0;


  pWorker->pTpInf  = NULL;
  strcpy(pWorker->szErrorTxt,"");
  strcpy(pWorker->szWork,"");
  return(bTuxInit(pWorker));
}
```

tpccClient.h

```
#include <malloc.h>
#include <stdarg.h>
#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <signal.h>
#include <time.h>
#include <poll.h>
#include <thread.h>
#include <pthread.h>
#include <sys/timeb.h>
#include <sys/types.h>
#include <sys/stat.h>
#include <errno.h>
#include <fcntl.h>

#include "tpccBool.h"
#include "tpcc.h"

#define BUFFER 0
#define PLUGIN_DIR "/usr/netscape/server4/plugins"
#define PLUGIN_URL "/tpcc"
#define PLUGIN_OBJ "tpccApp.so"

BOOL bInitServer(WORKER *,int,int,BOOL);
```

tpccTux.c

```
/***
 *** tpccTux.c
 *** (c) 2006 Sun Microsystems, Inc.  All rights reserved.
 ***
 *** This file handles the entry points for calling BEA tuxedo
 *** As perf Mar 4, 2009 pre-audit: changes for interactive compliance
 ***
 ***
 ***/
#include <stdio.h>
#include <errno.h>
#include "tpccBool.h"
#include "tpccTux.h"
#include "tpcc.h"
#include "nsapi.h"
#define TXERRCODE -100
static const char *newo_service  = NEWORDER;
static const char *paym_service  = PAYMENT;
static const char *ords_service  = ORDERSTATUS;
static const char *del_service   = DELIVERY;
static const char *stock_service = STOCKLEVEL;

BOOL bTuxIOInit(WORKER *pWorker)
{
        BOOL eStatus = FALSE;
        int ret;

        if((pWorker->pTpInf = (TPINIT *)tpalloc("TPINIT", NULL,
                                TPINITNEED(0))) == NULL)
        /* if((pWorker->pTpInf = (TPINIT *)tpalloc("TPINIT", NULL,
                                        sizeof(TPINIT))) == NULL) */
        {
                if(tperrno == TPEOS)
                {
                        sprintf(pWorker->szErrorTxt, "tpalloc failed
in bTuxIOInit. TxErrno = %d Unix-Error = %d", tperrno, Uunixerr);
                }
                else
                {
                        sprintf(pWorker->szErrorTxt, "tpalloc failed
in bTuxIOInit. TxErrno = %d", tperrno);
                }
                ereport(LOG_FAILURE," %s Tperrno = %d,
%s\n",pWorker->szErrorTxt, tperrno, tpstrerror(tperrno));
        ret = tperrordetail(0);
                if(ret == -1) {
                        ereport(LOG_FAILURE, "tperrodetail()
failed!\n");
                        ereport(LOG_FAILURE, "Tperrno = %d, %s\n",
tperrno, tpstrerror(tperrno));
                }
                else if (ret != 0) {
                        ereport(LOG_FAILURE, "errordetail:
%s\n",
                                tpstrerrordetail( ret,
0));
                }
                return(TRUE);
        }

        pWorker->pTpInf->flags = TPMULTICONTEXTS;
        pWorker->pTpInf->datalen = 0;

        if(tpinit(pWorker->pTpInf) == -1)
        {
      ereport(LOG_FAILURE," bTuxIOInit: tpinit failed\n");
      ret = tperrordetail(0);
                if(ret == -1) {
                        ereport(LOG_FAILURE, "tperrodetail()
failed!\n");
                        ereport(LOG_FAILURE, "Tperrno = %d,
%s\n", tperrno, tpstrerror(tperrno));
                }
                else if (ret != 0) {
                        ereport(LOG_FAILURE, "errordetail:
%s\n",
                                tpstrerrordetail( ret,
0));
                }

                if(tperrno == TPEOS)
                {
                        sprintf(pWorker->szErrorTxt, "tpinit failed
in bTuxIOInit. TxErrno = %d Unix-Error = %d", tperrno, Uunixerr);
                }
                else
                {
                        sprintf(pWorker->szErrorTxt, "tpinit failed
in bTuxIOInit. TxErrno = %d", tperrno);
                }
                tpfree((char *)pWorker->pTpInf);
                pWorker->pTpInf = NULL;
      ereport(LOG_FAILURE," bTuxIOInit: tpinit failed returning -
```

```
%s \n", pWorker->szErrorTxt);
                        return(TRUE);
            }

            if(tpgetctxt(&pWorker->tpxContext, 0) == -1)
            {
                        sprintf(pWorker->szErrorTxt, "tpgetctxt failed in
bTuxIOInit. TxErrno = %d", tperrno);
                        eStatus = TRUE;
            }
            if(tpsetctxt(pWorker->tpxContext, 0) == -1)
            {
                        sprintf(pWorker->szErrorTxt, "tpsetctxt failed in
bTuxIOInit. TxErrno = %d", tperrno);
                        eStatus = TRUE;
            }

            return(eStatus);
}

/* This currently is NOT used */
BOOL bTuxIOTerm(WORKER *pWorker)
{
            BOOL eStatus = FALSE;
            if(pWorker->pTpInf != NULL)
            {
                        tpfree((char *)pWorker->pTpInf);
                        pWorker->pTpInf = NULL;
            }
            tpterm();
            return(FALSE);
}

/* This function makes LIVE calls to the Tuxedo servers (Back end)
 ** inputs:
 **   szService - String (i.e. NEWO) representing what will be exec'd.
 **   pWorker -- the WORKER struct assigned to the current thread.
 **      contains pointers to input/output data.
 **
 ** outputs:
 **   pbTPRslt - Result status DUPLICATE of RETURN
 **   piTPRslt - pointer to tperrno value.
 **   BOOL return value: 0/FALSE ok;  !0 error
 */
BOOL bTuxTran(char *szService, WORKER *pWorker, BOOL *pbTPRslt,
int *piTPRslt)
{
            long lOlen = pWorker->lTuxDataLen;
            char        *tuxibuf = (char *)(pWorker->pTuxInData);
            BOOL eStatus = FALSE;

            if(strcmp(szService, DELIVERY) == 0)
            {
                        if(tpacall(del_service,
                                    tuxibuf,
                                    pWorker->lTuxDataLen,
                                    TPSIGRSTRT|TPNOREPLY)
== -1)
                        {
                                    if (tperrno == TPEOS)
                                    {
                                                sprintf(pWorker->szErrorTxt,
                                                "del tpcall failed.tperrno=
%d,Uunixerr = %d",
                                                tperrno, Uunixerr);
                                                eStatus = TRUE;
                                    }
                                    else
                                    {
                                                sprintf(pWorker->szErrorTxt,
                                                "del tpcall failed.tperrno=
%d",tperrno);
                                                eStatus = TRUE;
                                    }
                        }
            }
            else
            {
                        if(tpcall(szService,
                                    tuxibuf,
                                    pWorker->lTuxDataLen,
                                    (char **)&(pWorker-
>pTuxOutData),
                                    &lOlen, TPSIGRSTRT|
TPNOTIME) == -1)
                        {
                                    if (tperrno == TPEOS)
                                    {
                                                sprintf(pWorker->szErrorTxt,
                                                "%s tpcall failed.tperrno=
%d,Uunixerr = %d",
                                                szService, tperrno, Uunixerr);
                                                eStatus = TRUE;
                                    }
                                    else
                                    {
                                    if(strcmp(szService, NEWORDER) == 0) {
                                                NEWO_INF *pnew = (NEWO_INF *)pWorker-
>pTuxOutData;
                                                if(pnew->status[0] == 'I') {
/*This is Bad ItemId */
                                                            eStatus = FALSE;
                                                            *piTPRslt = SVC_BADITEMID;
                                                            *pbTPRslt = TRUE;
                                                            goto xIt;
                                                }
                                    }
                                                sprintf(pWorker->szErrorTxt,
                                                "%s tpcall failed.tperrno=%d",
                                                szService, tperrno);
                                                eStatus = TRUE;
                                    }
                        }
            }
                        *piTPRslt = tperrno;
                        *pbTPRslt = eStatus;
xIt:
                        return(eStatus);
}

BOOL bTuxInit(WORKER *pWorker)
{
                        int iMaxLen = 0;
                        if(sizeof(NEWO_INF) > iMaxLen)
                        {
                                    iMaxLen = sizeof(NEWO_INF);
                        }
                        if(sizeof(PAY_INF) > iMaxLen)
                        {
                                    iMaxLen = sizeof(PAY_INF);
                        }
                        if(sizeof(ORD_INF) > iMaxLen)
                        {
                                    iMaxLen = sizeof(ORD_INF);
                        }
                        if(sizeof(DEL_INF) > iMaxLen)
                        {
                                    iMaxLen = sizeof(DEL_INF);
                        }
                        if(sizeof(STOCK_INF) > iMaxLen)
                        {
                                    iMaxLen = sizeof(STOCK_INF);
                        }
                        if(pWorker->pTuxInData == NULL)
                        {

                                    if((pWorker->pTuxInData = (char
*)tpalloc("CARRAY", NULL,
                                                iMaxLen * (sizeof(char)))) ==
NULL)
                                    {
                                                if(tperrno == TPEOS)
                                                {
                                                            sprintf(pWorker->szErrorTxt,
"tpalloc failed in bTuxInit. TxErrno = %d Unix-Error = %d", tperrno,
Uunixerr);
                                                }
                                                else
                                                {
                                                            sprintf(pWorker->szErrorTxt,
"tpalloc failed in bTuxInit. TxErrno = %d", tperrno);
                                                }
                                                return(TRUE);
                                    }
                        }
                        if(pWorker->pTuxOutData == NULL)
                        {
                                    if((pWorker->pTuxOutData = (char
*)tpalloc("CARRAY", NULL,
                                                iMaxLen * (sizeof(char)))) ==
NULL)
                                    {
```

```
                        if(tperrno == TPEOS)
                        {
                                sprintf(pWorker->szErrorTxt,
"tpalloc failed in bTuxInit. TxErrno = %d Unix-Error = %d", tperrno,
Uunixerr);
                        }
                        else
                        {
                                sprintf(pWorker->szErrorTxt,
"tpalloc failed in bTuxInit. TxErrno = %d", tperrno);
                        }
                        tpfree((char *)pWorker->pTuxInData);
                        pWorker->pTuxInData = NULL;
                        pWorker->pTuxOutData = NULL;
                        return(TRUE);
                }
        }
        return(FALSE);
}

BOOL bTuxTerm(WORKER *pWorker)
{
        if(pWorker->pTuxInData != NULL)
        {
                tpfree((char *)pWorker->pTuxInData);
        }
        if(pWorker->pTuxOutData != NULL)
        {
                tpfree((char *)pWorker->pTuxOutData);
        }
        pWorker->pTuxInData = NULL;
        pWorker->pTuxOutData = NULL;
        return(FALSE);
}
```

tpccTux.h

```
#ifndef __TPCCTUXH__
#define __TPCCTUXH__
#include <atmi.h>           /* TUXEDO */
#include <Uunix.h>          /* TUXEDO */
#include <userlog.h>        /* TUXEDO */
#include "tpcc.h"
#include "tpccBool.h"
BOOL bTuxTerm(WORKER *);
BOOL bTuxInit(WORKER *);
BOOL bTuxIO(char *szService, WORKER *pTPCC, BOOL *pbTPRslt, int
*piTPRslt);
BOOL bTuxIOInit(WORKER *);
BOOL bTuxIOTerm(WORKER *);
BOOL bTuxTran(char *szService, WORKER *pWorker, BOOL *pbTPRslt,
int *piTPRslt);
#endif
```

tpccDiag.c

```
#include <stdio.h>
#include <string.h>
#include <stdlib.h>
#include "tpccDiag.h"
#include "tpccBool.h"
#include "tpccConst.h"
#include "nsapi.h"
uint uDiagLevel;
char *pDiagHdr;
char *pErrHdr = {"*** TPCC Application Encounterd An Error ***"};
void vDiagInit(char * pDiagId)
{
        char *pszEnvData;
        if(DIAGNOSTICS)
        {
                if((pszEnvData = getenv("DIAGLEVEL")) == NULL)
                {
                        uDiagLevel = DEFAULTDIAGLEVEL;
                }
                else
                        uDiagLevel = abs(atoi(pszEnvData));
                if(uDiagLevel == 0)
                {
                        uDiagLevel = DIAG_ERROR;
                }
                pDiagHdr = (char *) malloc(strlen(pDiagId) + 1);
                strcpy(pDiagHdr,pDiagId);
        }/* if Diagnostics*/
}/*vDiagInit*/

void vDiagTerm(void)
{
        if(DIAGNOSTICS)
        {
                free(pDiagHdr);
        }
}/*vDiagTerm*/

void vDiagWrite(char * pDiagBuffer, uint uSeverity)
{
        char *pDMsgs[3];
        uint uMsgCnt = 0;
        int  iERslt = 0;
        if(DIAGNOSTICS)
        {
                if (uDiagLevel >= uSeverity)
                {
                        if (uSeverity == DIAG_ERROR)
                        {
                                pDMsgs[0] = pDiagHdr;
                                pDMsgs[1] = pErrHdr;
                                pDMsgs[2] = pDiagBuffer;
                                uMsgCnt = 3;
                        }
                        else
                        {
                                pDMsgs[0] = pDiagHdr;
                                pDMsgs[1] = pDiagBuffer;
                                uMsgCnt = 2;
                        }
                        if(uMsgCnt == 3)
                        {
                                ereport(LOG_FAILURE,"\n%s:
%s\n%s",
                                pDMsgs[0],pDMsgs[1],pDMsgs[2]);
                        }
                        else
                        {
                                ereport(LOG_FAILURE,"\n%s:
%s",
                                pDMsgs[0],pDMsgs[1]);
                        }
                }/* if uDiagLevel >= uSeverity*/
        }/* if Diagnostics*/
}/*vDiagWrite*/
```

tpccDiag.h

```
#ifndef __TPCCDIAGH__
#define __TPCCDIAGH__
#include <sys/types.h>
void vDiagInit(char * pDiagId);
void vDiagTerm(void);
void vDiagWrite(char * pDiagBuffer, uint uSeverity);
#endif
```

tpccNsapi.c

```
/***
 *** tpccNsapi.c
 *** (c) Sun Microsystems, Inc.  All rights reserved.
 ***
 *** This file handles the entry points for the initialization and service
 *** routines of the TPC-C plugin for the iPlanet Web Server.
 ***
 ***  Modifications made from Review by Pallab Bhattacariya - March 29,
2001
 ***    DJC
 ***  Change to add NULL termination to the Request data read by the server.
 *** - April 5     DJC
 ***
 ***/
#include <sys/types.h>
#include <sys/time.h>

#include "nsapi.h"
#include "tpccBool.h"
#include "tpcc.h"
#include "tpccClient.h"
#include "tpccTux.h"
#include "tpccDiag.h"
#include "tpccService.h"

/*
 * string containers for the plugin paths
 */
char szPluginPath[128];

static int iMaxWorkers;
BOOL bMinTidSet = FALSE;
```

```
/* The following are to manage a protected index to the worker array */

static mutex_t      mtThrPvt;
static cond_t ctIDCond;
static int iThrPvtCtr = 0;
static int *iFreeThrd;
static int iFreeCount;

static thread_key_t wKey;
static WORKER **ppWorker;

/*
 * Start time of thread
 */
static unsigned int uiStartSec;

void fKeyDestructor(void *vWorker)
{
            bTuxTerm((WORKER *)vWorker);
            free(vWorker);
}

/**
 ** GetMyHandle takes in the NSAPI Request struct, which contains the
current
 ** (next) available thread ID in the iWS thread pool.
 **
 **/
#define THREAD_EXTRA 10
WORKER *GetMyHandle(Request *rq)
{
            int iThrId  = -1;
            int iIndex = -1;
            WORKER *pWorker = (WORKER *)NULL;
            char *pszReq  = NULL;
            int found =0;
     int attempts = 0;

  /* Get next free worker - Use a round robin - try to get equal use on all the
connects */
   mutex_lock(&mtThrPvt);
  /* Get the data-struct index for this thread */
   /*        iIndex = thr_self();  Not done anymore
            */

     while (iFreeCount == 0) {
           cond_wait(&ctIDCond,&mtThrPvt);
            if (iFreeThrd[iThrId=iThrPvtCtr])
               goto done;
     }
     if (iThrPvtCtr == iMaxWorkers)
     {
        iThrPvtCtr = 0;
     }

     found = 0; attempts = 0;
     while (! found) {
       iThrId = iThrPvtCtr++;
       if (!iFreeThrd[iThrId])
       {
                if(iThrPvtCtr == iMaxWorkers)
        {
                        attempts++;

                                if (attempts == 2)
            {
                                ereport(LOG_FAILURE, "1 Thread %d from Pvt
IndexId %d > %d\n", iThrId, iFreeCount, iMaxWorkers);
                                ereport(LOG_FAILURE, "1 too many attempts
-shouldn't happen -  EXITING NOW\n");
                mutex_unlock(&mtThrPvt);
                                return NULL;
            }
            iThrPvtCtr = 0;
                }
        continue;
       }

                break;
     }
done:
     iFreeThrd[iThrId]=0;  /* This worker is not free anymore */

  iFreeCount--;
  mutex_unlock(&mtThrPvt);



            pWorker = ppWorker[iThrId];
            pWorker->uiThrId = iThrId;

            return(pWorker);

}

WORKER *initHandle(unsigned int uiThrId)
{
            WORKER *pWorker;
            if((pWorker = (WORKER *)malloc(sizeof(WORKER))) ==
NULL)
            {
                        ereport(LOG_FAILURE, "Malloc State");
                        return NULL;
            }

            memset(pWorker, 0, sizeof(WORKER));
            pWorker->pTuxInData = NULL;
            pWorker->pTuxOutData = NULL;
            strcpy(pWorker->szErrorTxt,"");
            pWorker->iStatusId = STATUS_OK;
            pWorker->uiThrId = uiThrId;
            /*
             * Initialize the worker data structure.
             */
            if(bInitServer(pWorker,uiThrId,uiThrId,FALSE))
            {
                        ereport(LOG_FAILURE, pWorker->szErrorTxt);
                        free(pWorker);
                        return NULL;
            }
            /*
             * Initialize Tuxedo connection for this thread with tpinit()
             * call.
             */

            if(bTuxIOInit(pWorker))
            {
                        ereport(LOG_FAILURE, pWorker->szErrorTxt);
                        free(pWorker);
                        return NULL;
            }
            return pWorker;
}

/*
 * GetTime() gets the duration passed since the uiStartSec.  Called by
 * TpccService().
 */
static unsigned int GetTime(void)
{
      struct timeval tmNow;

      gettimeofday(&tmNow, (char *)NULL);
      return (((tmNow.tv_sec - uiStartSec) * 1000) + tmNow.tv_usec/1000);
}

/**
 ** TpccInit() is defined as the initialization routine in the server
 ** instance's obj.conf configuration file.
 **
 ** This function reads in the "max-workers" parameter from the TpccInit
 ** section of the obj.conf, which defines the total number of WORKER
 ** structures that the plugin will create and use for the duration of the
 ** server instance's existence.
 **
 ** The input and return variables are assigned according to the NSAPI
 ** specification.
 **
 **/

/* This is kind of a hack to buffer UP the number of worker threads in order
 *  to work with the thread id's that get returned in get my handle.
 */

NSAPI_PUBLIC int TpccInit(pblock *pb, Session *sn, Request *rq)
{
      struct timeval tmNow;

            int iLoop;

   mutex_init(&mtThrPvt, USYNC_THREAD, NULL);
```

```
    cond_init(&ctIDCond, USYNC_THREAD, NULL);

            if(thr_keycreate(&wKey, fKeyDestructor) != 0)
            {
                    ereport(LOG_FAILURE, "Global Key State Failed");
                    return(REQ_ABORTED);
            }

            /*
             * Get current time
             */
      gettimeofday(&tmNow, (char *)NULL);
      uiStartSec =  (tmNow.tv_sec  * 1000) + tmNow.tv_usec/1000;

            /*
             * pblock_findval is an NSAPI call; this call determines max-
workers
             * in obj.conf
             *  NOTE: make this value HIGHER then rqThrottle for worker
sizing.
             */
            iMaxWorkers = atoi(pblock_findval("max-workers", pb));

            ereport(LOG_INFORM, "TpccInit: Finished initializing %d
workers [ tpccApp.so.] with LIVE TUXEDO/DB backend\n", iMaxWorkers);

            sprintf(szPluginPath, "%s", PLUGIN_URL);

            return REQ_PROCEED;
}

static void freeWorker (int iThrId)
{
    mutex_lock(&mtThrPvt);
     iFreeThrd[iThrId]=1;    /* free now */
     if(iFreeCount == 0)
     {
       iThrPvtCtr = iThrId;
     }
     iFreeCount++;
     cond_signal(&ctIDCond);
    mutex_unlock(&mtThrPvt);
    return;
}

/**
 ** TpccService() is defined as the service routine in the server
 ** instance's obj.conf configuration file.
 **
 ** The input and return variables are assigned according to the NSAPI
 ** specification.
 **
 **/
NSAPI_PUBLIC int TpccService(pblock *pb, Session *sn, Request *rq)
{
            int iTid;
            int iReqContentLen=0;
            int iLen=0;
            int return_value;
            char szReturnLength[8];
/*following 2 moved to WORKER struct*/
            char *pszRequestData;
            char *pszReturnData;
            char *pszReqMethod;

            unsigned int  uiStartReadTime;
            unsigned int  uiEndReadTime;
            unsigned int  uiStartWriteTime;
            unsigned int  uiEndWriteTime;

            int iHtmlLen = 0;
            unsigned int uiStatus;
            WORKER *pWorker;


            /*
             * Gets the worker assigned to this iWS thread (defined in rq).
             */
            if(thr_getspecific(wKey, (void **)&pWorker))
            {
                    ereport(LOG_FAILURE, "Invalid Key State");
                    return REQ_ABORTED;
            }
            if(!pWorker)
            {
                    if((pWorker = initHandle((unsigned int)thr_self())) ==
NULL)
                    {
                            ereport(LOG_FAILURE, "Bad Handle
State");
                            return REQ_ABORTED;
                    }
                    if(thr_setspecific(wKey, pWorker))
                    {
                            ereport(LOG_FAILURE, "Cannot Preserve
My Handle %d\n", thr_self());
                            return (REQ_ABORTED);
                    }
            }
            pszRequestData  = pWorker->szRequestData;
            pszReturnData   = pWorker->szReturnData;

            /*
             * Set the default protocol status to 200 (okay).  May get changed
later
             * on error.  (There is a second setting for this at the end of this
             * function -- this one is likely premature and redundant.
             * -- grog/20010507)
             */

            protocol_status(sn, rq, PROTOCOL_OK, NULL);

            /*
             * Force the return content's MIME type to text/html.
             */
            param_free(pblock_remove("content-type", rq->srvhdrs));
            pblock_nvinsert("content-type", "text/html", rq->srvhdrs);

            /*
             * Determine the HTTP method used in the transaction.  For our
             * purposes, it should be either GET or POST.
             */
            pszReqMethod = pblock_findval("method", rq->reqpb);
            /*
             * If the method was GET, then there is no content data expected,
as
             * defined by the HTTP RFCs.  Force the szRequestData to be
empty,
             * which will signal to uiServiceRequest that this is a login
             * transaction.
             */
            if (!strncmp(pszReqMethod, "GET", 3))
            {
                    strcpy(pszRequestData, "");
            }

            /*
             * If the method was POST, then we need to capture the query
string
             * send in the content field of the POST transaction.
             */
            else if (!strncmp(pszReqMethod, "POST", 4))
            {
                    int iReadLength;
                    int iLen;
                    netbuf *nbuf;

                    /*
                     * Determine the length of the POST query.  This is
defined
                     * by the HTTP "Content-type" header value.
                     */
                    iLen = iReqContentLen =
atoi(pblock_findval("content-length",
                            rq->headers));

                    /*
                     * nbuf is a locally defined structure of the NSAPI
netbuf
                     * type.  The structure contains position, size, and other
                     * parameters relevant to the incoming data.
                     */
                    nbuf = sn->inbuf;

                    /*
                     * iReadLength is set to the length of the buffer (so
far).
                     */
                    iReadLength = nbuf->cursize - nbuf->pos;

                    /*
                     * Get any data sitting in the buffer.
                     */
```

```
		if (iReadLength)
		{
			/*
			 * If iReadLength is longer than the actual
POST
			 * query's defined length, we force it to be
that
			 * size to avoid reading more than we
should.
			 */
			if (iReadLength > iReqContentLen)
			{
				iReadLength = iReqContentLen;
			}

			/*
			 * Copy in the buffer data and advance the
buffer
			 * pointer.
			 */
			(void) memcpy(pszRequestData, nbuf-
>inbuf + nbuf->pos,
				iReadLength);
			nbuf->pos += iReadLength;
		}

		/*
		 * If we haven't read in all of the data, we will need to
read
		 * more data from the socket.
		 */
		if (iReadLength < iLen)
		{

			/*
			 * We need to redefine the length to be read,
iLen,
			 * to be the remainder.  Hence we subtract
iReadLength,
			 * the amount read so far, from iLen, which
was
			 * initially set to the full length of the query
			 * string.
			 *
			 * Then read the remainder, starting from
the pointer
			 * position offset by iReadLength.
			 */
			iLen -= iReadLength;
			iReadLength = net_read(sn->csd,
				pszRequestData +
iReadLength, iLen, 10);

			/*uiEndReadTime = GetTime();*/

			/*
			 * If the query was not completely read,
abort
```

```
			 * servicing the HTTP request.
			 */
			if (iReadLength != iLen)
			{
				ereport(LOG_INFORM, "POST
read failed\n");
				freeWorker(pWorker->uiThrId);
				return (REQ_ABORTED);
			}
		}
		}
		/*
		 * end POST
		 */

		/*
		 * The request data is not terminated by a NULL always - do it just
		 * in case: DJC.
		 */
		pszRequestData[iReqContentLen] = '\0';

		/*
		 * Call uiServiceRequest(), which processes the HTTP request.
		 *
		 * This function takes the data in szRequestData (the query string,
		 * which is empty if it's GET-based login) and returns
szReturnData,
		 * of length iHtmlLen.  szReturnData contains the HTML source
to be
		 * returned to the requestor.
		 */
		uiStatus = uiServiceRequest(pWorker, pszRequestData,
pszReturnData, &iHtmlLen);
		/*
		 * Force the Content-length: header value to be the length of the
		 * HTML generated from uiServiceRequest()
		 */
		param_free(pblock_remove("content-length", rq->srvhdrs));
		pblock_nninsert("content-length", iHtmlLen, rq->srvhdrs);

		/*
		 * NSAPI call to set the return status to successful (200).
		 */
		protocol_status(sn, rq, PROTOCOL_OK, NULL);

		/*
		 * Set the return value which will signal iWS to send the request.
		 */
		return_value = protocol_start_response(sn,rq);


		if (return_value == REQ_NOACTION)
		{
			ereport(LOG_INFORM, "TpccService:  NOACTION -
start response saw request method HEAD?\n");
			return REQ_PROCEED;
		}
		/* uiStartWriteTime = GetTime(); */
```

```
		return_value = net_write(sn->csd, pszReturnData, iHtmlLen);
		/*	uiEndWriteTime = GetTime(); */

		if (return_value == IO_ERROR)
		{
			ereport(LOG_INFORM, "TpccService:  REQ_EXIT -
start response returned IO_ERROR?\n");
			return REQ_EXIT;
		}
		return REQ_PROCEED;
}
```

tpccService.c

```
/***
 *** tpccService.c
 *** (c) 2000, 2001 Sun Microsystems, Inc.  All rights reserved.
 ***
 *** This file handles the entry points for the initialization and service
 *** routines of the TPC-C plugin for the iPlanet Web Server.
 ***
 *** For best readability, set tab size to 8 spaces.
 *** As perf Mar 4, 2009 pre-audit: changes for interactive compliance
 ***   Mar 2009  DJC - upgrade Short-->Int
 ***/


#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <ctype.h>
#include "tpccDiag.h"
#include "tpccService.h"
#include "tpccTux.h"
#include "nsapi.h"

/*
 * Each "screen" (or page) has a unique screen ID.
 * Value is stored in pWorker->iScreenId.
 */
#define SCREEN_NULL       0
#define SCREEN_LOGON      1
#define SCREEN_MENU       2
#define SCREEN_NEWORDER   3
#define SCREEN_PAYMENT    4
#define SCREEN_DELIVERY   5
#define SCREEN_ORDERSTATUS 6
#define SCREEN_STOCKLEVEL  7
#define SCREEN_EXIT       8
#define SCREEN_MAX        9

/*
 * These values are set based on the value for the CMD= name tag.
 * Returned from uiExtractCmd()
 */
#define CMD_EXECUTE            1
#define CMD_NEWORDER_SCREEN    2
#define CMD_PAYMENT_SCREEN     3
```

```
#define CMD_DELIVERY_SCREEN     4
#define CMD_ORDERSTATUS_SCREEN  5
#define CMD_STOCKLEVEL_SCREEN   6
#define CMD_EXIT                7
#define CMD_SUBMIT              8
#define CMD_MENU_SCREEN         9
#define CMD_MAX                 10

/*
 * The following ALT_ constants are used to calculate empty values in name/
 * value pairs in a New Order POST submission.
 */
#define ALT_SIZEF 18  /* size of a valueless triplet Sxx*=&Ixx*&Qxx*& */
#define ALT_SIZEC 12  /* size of CMD=Execute */
#define ALT_SIZEA 4   /* size of [S|I|Q]xx* */

/*
 * Maximum name tag size
 */
#define ALT_SIZEW 100

/*
 * name tags for name/value pairs used in POST queries
 */
static const char *szItemList[] = {
"I00*=", "I01*=", "I02*=", "I03*=", "I04*=",
"I05*=", "I06*=", "I07*=", "I08*=", "I09*=",
"I10*=", "I11*=", "I12*=", "I13*=", "I14*=", ""};
static const char *szSupplyList[] = {
"S00*=", "S01*=", "S02*=", "S03*=", "S04*=",
"S05*=", "S06*=", "S07*=", "S08*=", "S09*=",
"S10*=", "S11*=", "S12*=", "S13*=", "S14*=", ""};
static const char *szQuantityList[] = {
"Q00*=", "Q01*=", "Q02*=", "Q03*=", "Q04*=",
"Q05*=", "Q06*=", "Q07*=", "Q08*=", "Q09*=",
"Q10*=", "Q11*=", "Q12*=", "Q13*=", "Q14*=", ""};

extern char szPluginPath[];

/*
 * Valid values for the CMD name tag.
 */
static const char *szCmds[] =
{
        "Unknown",
        "Execute",
        "..NewOrder..",
        "..Payment..",
        "..Delivery..",
        "..Order-Status..",
        "..Stock-Level..",
        "..Exit..",
        "Submit",
        "Menu"
};

/*
 * Static HTML for the initial login screen.
 */
static const char *szLoginScreen =
        "<HTML>"
        "<HEAD><TITLE>Welcome To TPC-
C</TITLE></HEAD><BODY>"
        "Please Identify your Warehouse and District for this
session.<BR>"
        "<FORM ACTION=\"%s\" METHOD=\"POST\">"
        "<INPUT TYPE=\"hidden\" NAME=\"STID\" VALUE=\"%d\">"
        "<INPUT TYPE=\"hidden\" NAME=\"SCID\" VALUE=\"1\">"
        "<INPUT TYPE=\"hidden\" NAME=\"TRID\" VALUE=\"-2\">"
        "<INPUT TYPE=\"hidden\" NAME=\"WKID\" VALUE=\"0\">"
        "Warehouse ID <INPUT NAME=\"w_id\" SIZE=4><BR>"
        "District ID <INPUT NAME=\"d_id\" SIZE=2><BR>"
        "<HR>"
        "<INPUT TYPE=\"submit\" NAME=\"CMD\"
VALUE=\"Submit\">"
        "</FORM>";

/*
 * Static HTML segment for the option list on the menu screen.
 */
static const char    *szMenuList =
        "<INPUT TYPE=\"submit\" NAME=\"CMD\"
VALUE=\"..NewOrder..\">"
        "<INPUT TYPE=\"submit\" NAME=\"CMD\"
VALUE=\"..Payment..\">"
        "<INPUT TYPE=\"submit\" NAME=\"CMD\"
VALUE=\"..Delivery..\">"
        "<INPUT TYPE=\"submit\" NAME=\"CMD\" VALUE=\"..Order-
Status..\">"
        "<INPUT TYPE=\"submit\" NAME=\"CMD\" VALUE=\"..Stock-
Level..\">"
        "<INPUT TYPE=\"submit\"
NAME=\"CMD\"VALUE=\"..Exit..\">";

/*
 * HTML footer.
 */
static const char *szEndHtmlTag = "</BODY></HTML>\r\n\r\n";

/*
 * Name tags used for RBE (terminal) status and context identification.
 */
static const char *TRID = "TRID=";
static const char *WKID = "WKID=";
static const char *SCID = "SCID=";
static const char *STID = "STID=";

static const char *CMD = "CMD=";
static const char *ZIPPIC = "XXXXX-XXXX";

/*
 * Eternal counter for terminal context identifier.
 */
static volatile int iTermCnt = 1;

/*
 * Function prototypes.
 */
BOOL bExecuteLogin(char *, char *, WORKER *, int *);
BOOL bExecuteForm(char *, char *, WORKER *, int *);
BOOL bExecuteNewOrder(char *, char *, WORKER *, int *);
BOOL bExecutePayment(char *, char *, WORKER *, int *);
BOOL bExecuteDelivery(char *, char *, WORKER *, int *);
BOOL bExecuteOrderStatus(char *, char *, WORKER *, int *);
BOOL bExecuteStockLevel(char *, char *, WORKER *, int *);
BOOL bExtractHidden(char *, unsigned int *, int *, int *);

unsigned int  uiExtractCmd(char *, char *, unsigned int);

char * pszExtractLongKey(long *, char *, const char *, WORKER *);
char * pszExtractIntKey(int *, char *, const char *, WORKER *);
/* Don't use this anymore:
 * char * pszExtractShortKey(short *, char *, char *, WORKER *);
 */
char * pszExtractStringKey(char *, char *, const char *, WORKER *,
unsigned int);
char * pszExtractAmountKey(double *, char *, const char *, WORKER *);
char * pszExtractKeyValue(char *, const char *, char **, unsigned int);
char * pszExtractWDIDKey(int *, char *, char *, WORKER *);

int iLayoutLogin(char *, WORKER *);
int iLayoutMenu(char *, WORKER *);
int iLayoutNewOrder(char *, WORKER *);
int iLayoutPayment(char *, WORKER *);
int iLayoutDelivery(char *, WORKER *);
int iLayoutOrderStatus(char *, WORKER *);
int iLayoutStockLevel(char *, WORKER *);
int iLayoutFormHdr(char *, char *, WORKER *);
int iLayoutRespHdr(char *, char *, WORKER *);
int iLayoutHTMLString(char *, char *, unsigned int);
int iLayoutString(char *, const char *, char *);

void vStringCopy(char *, char *, int);
void vToUpper(char *);

BOOL bIsNumeric(char *);

/**
 ** uiServiceRequest() is the entry point for transaction processing.  It is
 ** called from the TpccService() routine in tpccNsapi.c.
 **
 ** inputs:
 **   pWorker -- the WORKER struct assigned to the current thread.
 **   pszRecvMsg -- the POST query from the RBE
 **
 ** outputs:
 **   pszSendMsg -- HTML content to be returned to the RBE
 **   piSendLen -- length of HTML content
 **   uiStatus --
 **/
unsigned int
uiServiceRequest(WORKER * pWorker, char *pszRecvMsg, char
```

```
*pszSendMsg,
        int *piSendLen)
{
        int iWorkerId;
        int iTerminalId;
        unsigned int uiCmdId;
        unsigned int uiStatus = SENDCLOSE;
        pWorker->szErrorTxt[0] = 0;
        pWorker->iStatusId = STATUS_OK;
        pWorker->iWarehouseId = 0;
        pWorker->iDistrictId = 0;

        /*
         * Check to make sure the Tuxedo interface is established and
         * functional.
         */
        if(pWorker->pTuxInData == NULL)
        {
                if(bTuxInit(pWorker))
                {
                        pWorker->iStatusId =
ERR_TUX_INTERFACE;
                        *piSendLen = iLayoutLogin(pszSendMsg,
pWorker);
                        goto ServiceXit;
                }
        }

        /*
         * Extract the hidden tags, and if successful (return value of 0),
         * assign the relevant value to uiCmdId for the CMD tag
         */
        if(bExtractHidden(pszRecvMsg, &pWorker->uScreenId,
&iWorkerId,
          &iTerminalId))
        {
                if(pWorker->iWarehouseId != 0)
                {
                        strcpy(pWorker->szErrorTxt,
                        "Decode hidden fields error");
                }
                else
                {
                        uiStatus = SEND;
                }
                *piSendLen = iLayoutLogin(pszSendMsg, pWorker);
                goto ServiceXit;
        }
        uiCmdId = uiExtractCmd(pszRecvMsg, pWorker->szWork,
                    sizeof(pWorker->szWork));

        /*
         *Check for multiple log in attempts.
         */
        if(pWorker->iWarehouseId != 0 && uiCmdId ==
CMD_SUBMIT)
        {
                strcpy(pWorker->szErrorTxt,
ERRTXT_ALREADY_LOGGEDIN);
                pWorker->iStatusId = ERR_ALREADY_LOGGEDIN;
                *piSendLen = iLayoutMenu(pszSendMsg, pWorker);
                uiStatus = SEND;
                goto ServiceXit;
        }

        /*
         * CMD_SUBMIT is only used for logins.
         * If we've already logged in, determine this terminal's district and
         * warehouse ID and make certain they are valid.
         */
        if(uiCmdId != CMD_SUBMIT)
        {
                if(pszExtractWDIDKey(&(pWorker->iWarehouseId),
                        pszRecvMsg, "w_id=", pWorker) ==
NULL)
                {
                        *piSendLen = iLayoutLogin(pszSendMsg,
pWorker);
                        goto ServiceXit;
                }
                if(pszExtractWDIDKey(&(pWorker->iDistrictId),
                        pszRecvMsg, "d_id=", pWorker) ==
NULL)
                {
                        *piSendLen = iLayoutLogin(pszSendMsg,
pWorker);
                        goto ServiceXit;
                }
        }
        if((pWorker->iWarehouseId == 0 || pWorker->iDistrictId == 0)
&& uiCmdId != CMD_SUBMIT)
        {
                strcpy(pWorker->szErrorTxt, "Must log in first!");
                pWorker->iStatusId = ERR_WID_INVALID;
                *piSendLen = iLayoutLogin(pszSendMsg, pWorker);
                goto ServiceXit;
        }

        /*
         * If the CMD value was something other than submit, we will be
expecting
         * status, screen, and terminal ID name/value pairs
         */
        if(uiCmdId != CMD_SUBMIT)
        {
                if(iTerminalId == iWorkerId)
                {
                        pWorker->iTerminalId = iTerminalId;
                        pWorker->iWorkerId = iWorkerId;
                }
                if(iTerminalId != pWorker->iTerminalId
                || iTerminalId != iWorkerId)
                {
                        sprintf(pWorker->szErrorTxt,
                                "%s: Received %ld, %ld (%ld)",
                                ERRTXT_TRID, iTerminalId,
iWorkerId,
                                        pWorker->iTerminalId);
                        pWorker->iStatusId = ERR_TRID;
                        *piSendLen = iLayoutLogin(pszSendMsg,
pWorker);
                        goto ServiceXit;
                }
        }

        /*
         * Now execute the command based on the uiCmdId.
         *
         * CMD_*_SCREEN cases return the data entry screen for the
respective
         *   transactions.
         * CMD_EXECUTE case processes data from executed
transactions.
         * CMD_SUBMIT case logs in the user.
         * CMD_EXIT case logs out the user.
         */
        switch (uiCmdId)
        {
        case CMD_MENU_SCREEN:
                pWorker->iTerminalId = iTerminalId;
                pWorker->iWorkerId = iWorkerId;
                *piSendLen = iLayoutMenu(pszSendMsg, pWorker);
                break;
        case CMD_NEWORDER_SCREEN:
                pWorker->iTerminalId = iTerminalId;
                pWorker->iWorkerId = iWorkerId;
                *piSendLen = iLayoutNewOrder(pszSendMsg,
pWorker);
                break;
        case CMD_PAYMENT_SCREEN:
                pWorker->iTerminalId = iTerminalId;
                pWorker->iWorkerId = iWorkerId;
                *piSendLen = iLayoutPayment(pszSendMsg,
pWorker);
                break;
        case CMD_DELIVERY_SCREEN:
                pWorker->iTerminalId = iTerminalId;
                pWorker->iWorkerId = iWorkerId;
                *piSendLen = iLayoutDelivery(pszSendMsg,
pWorker);
                break;
        case CMD_ORDERSTATUS_SCREEN:
                pWorker->iTerminalId = iTerminalId;
                pWorker->iWorkerId = iWorkerId;
                *piSendLen = iLayoutOrderStatus(pszSendMsg,
pWorker);
                break;
        case CMD_STOCKLEVEL_SCREEN:
                pWorker->iTerminalId = iTerminalId;
                pWorker->iWorkerId = iWorkerId;
                *piSendLen = iLayoutStockLevel(pszSendMsg,
pWorker);
                break;
        case CMD_EXECUTE:
```

```
                        pWorker->iTerminalId = iTerminalId;
                        pWorker->iWorkerId = iWorkerId;
                        bExecuteForm(pszRecvMsg, pszSendMsg, pWorker,
piSendLen);
                        break;
            case CMD_SUBMIT:
                        bExecuteLogin(pszRecvMsg, pszSendMsg, pWorker,
piSendLen);
                        break;
            case CMD_EXIT:
                        pWorker->iWarehouseId = 0;
                        pWorker->iDistrictId = 0;
                        pWorker->iTerminalId = -2;
                        pWorker->iWorkerId = 0;
                        strcpy(pWorker->szErrorTxt, "Logged Off");
                        *piSendLen = iLayoutLogin(pszSendMsg, pWorker);
                        goto ServiceXit;
            default:
                        strcpy(pWorker->szErrorTxt,
ERRTXT_CMD_UNKNOWN);
                        pWorker->iStatusId = ERR_CMD_UNKNOWN;
                        if(pWorker->iWarehouseId == 0)
                        {
                                    *piSendLen = iLayoutLogin(pszSendMsg,
pWorker);
                                    goto ServiceXit;
                        }
                        else
                        {
                                    pWorker->iTerminalId = iTerminalId;
                                    pWorker->iWorkerId = iWorkerId;
                                    *piSendLen = iLayoutMenu(pszSendMsg,
pWorker);
                        }
                        break;
            }
            uiStatus = SEND;

            return(uiStatus);

ServiceXit: /* Goto label for unsuccessful transactions */
            return(uiStatus);
}

/**
 ** bExecuteLogin() processes POST submissions for user logins.  It is called
 ** from uiServiceRequest().
 **/
BOOL
bExecuteLogin(char *pszInData, char *pszOutData, WORKER * pWorker,
            int *piSendLen)
{
            int iWarehouseId;
            int iDistrictId;
            char *pszPtr;

            /*
             * Extract the warehouse ID and make sure it is not less than 1.
             */
            if((pszPtr = pszExtractIntKey(&iWarehouseId, pszInData,
      "w_id=", pWorker)) == NULL)
            {
                        *piSendLen = iLayoutLogin(pszOutData, pWorker);
                        return(TRUE);
            }
            if(iWarehouseId < 1)
            {
                        sprintf(pWorker->szErrorTxt, "Warehouse Id (%d)
Invalid",

            iWarehouseId);
                        pWorker->iStatusId = ERR_WID_INVALID;
                        *piSendLen = iLayoutLogin(pszOutData, pWorker);
                        return(TRUE);
            }

            /*
             * Extract the district ID and make sure it is within the minimum
and
             * maximum bounds.
             */
            if((pszPtr = pszExtractIntKey(&iDistrictId, pszPtr, "d_id=",
pWorker))
      == NULL)
            {
                        *piSendLen = iLayoutLogin(pszOutData, pWorker);
                        return(TRUE);
            }
            if(iDistrictId < 1)
            {
                        sprintf(pWorker->szErrorTxt, "District Id (%d)
Invalid",

            iDistrictId);
                        pWorker->iStatusId = ERR_DID_INVALID;
                        *piSendLen = iLayoutLogin(pszOutData, pWorker);
                        return(TRUE);
            }

            pWorker->iWarehouseId = abs(iWarehouseId);
            pWorker->iDistrictId = abs(iDistrictId);

            /*
             * Assign a new terminal and worker (the latter of which is
unnecessary)
             * if we see a value less than 1, indicating a terminal context has
not
             * yet been defined or that the slave has defaulted back to the login
             * screen.  This value is set by a global increment counter,
iTermCnt.
             */
            pWorker->iTerminalId = iTermCnt++;
            pWorker->iWorkerId = pWorker->iTerminalId;
            *piSendLen = iLayoutMenu(pszOutData, pWorker);

            return(FALSE);
}

/**
 ** bExecuteForm() processes the form data from POST submissions for the
 ** five TPC-C transaction types.  It is called from uiServiceRequest().
 **/
BOOL
bExecuteForm(char *pszInData, char *pszOutData, WORKER * pWorker,
            int *piSendLen)
{
            /*
             * SCREEN_* is extracted from the SCID= name tag in the POST
query from
             * the RBE, and determines which form processing function
should be
             * executed.
             *
             * If the screen ID is unrecognized, return an error.
             */
            switch (pWorker->uScreenId)
            {
            case SCREEN_NEWORDER:
                        return(bExecuteNewOrder(pszInData, pszOutData,
pWorker,
                                    piSendLen));
            case SCREEN_PAYMENT:
                        return(bExecutePayment(pszInData, pszOutData,
pWorker,
                                    piSendLen));
            case SCREEN_DELIVERY:
                        return(bExecuteDelivery(pszInData, pszOutData,
pWorker,
                                    piSendLen));
            case SCREEN_ORDERSTATUS:
                        return(bExecuteOrderStatus(pszInData, pszOutData,
pWorker,
                                    piSendLen));
            case SCREEN_STOCKLEVEL:
                        return(bExecuteStockLevel(pszInData, pszOutData,
pWorker,
                                    piSendLen));
            default:
                        sprintf(pWorker->szErrorTxt, "%s (%ld)",
                                    ERRTXT_SCREEN_UNKNOWN,
pWorker->uScreenId);
                        pWorker->iStatusId = ERR_SCREEN_UNKNOWN;
                        *piSendLen = iLayoutMenu(pszOutData, pWorker);
                        break;
            }
            return(TRUE);
}

/**
 ** bExecuteNewOrder() processes the form data from POST submissions
specific
 ** to the NewOrder transaction.  It is called from bExecuteForm().
 **/
BOOL
```

```
bExecuteNewOrder(char *pszInData, char *pszOutData, WORKER *
pWorker,
        int *piSendLen)
{
        NEWO_INF      *pNewInf;
        int           iLen = 0;
        char          szKey[20];
        char          szCredit[14];
        char          *pszPtr;
        char          *pszPtr1;
        unsigned int    uiLoop;
        BOOL          bDone = FALSE;
        BOOL          bTxReturn;
        BOOL          bTxResult;
        int           iTxResult;
    BOOL          supply_is_null, item_is_null, quantity_is_null;
    int           empty_slot;
        /*
         * Set pTuxInData such that it conforms to the New Order
(NEWO_INF)
         * data structure.
         */
        pWorker->lTuxDataLen = sizeof(NEWO_INF);
        pNewInf = (NEWO_INF *)pWorker->pTuxInData;
        pNewInf->w_id = pWorker->iWarehouseId;
        pNewInf->status[0] = 0;

        /*
         * Extract the district ID and check that it is within bounds.
         */
        if((pszPtr = pszExtractIntKey(&pNewInf->d_id, pszInData,
"DID*=",
          pWorker)) == NULL)
        {
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }

    /* don't allow less then 1 */
         if(pNewInf->d_id <= 0)
         {
                sprintf(pWorker->szErrorTxt, "DId Invalid - (%d)",
                        pNewInf->d_id);
                pWorker->iStatusId = ERR_DID_INVALID;
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
         }


        /*
         * Extract customer ID and check its validity.
         */
        if((pszPtr = pszExtractIntKey(&pNewInf->c_id, pszPtr, "CID*=",
          pWorker)) == NULL)
        {
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }
        if(pNewInf->c_id <= 0)
        {
                sprintf(pWorker->szErrorTxt,
                        "CId Invalid - %ld", pNewInf->c_id);
                pWorker->iStatusId = ERR_CID_INVALID;
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }

        /*
         * Find first value-less name/value pair.  As all name tags used by
the
         * RBE / plugin environment end with *, "*=&" is a string that
will
         * indicate the end of the name tag, the separating equal sign, and
         * the ampersand leading to the next name/value pair.  All
subsequent
         * name tags should have empty values.
         */
        pNewInf->o_ol_cnt = 0;
#if 0
        pszPtr1 = strstr(pszPtr, "*=&");
        if(pszPtr1)
        {
                /*
                 * Back up ALT_SIZEA (4) characters to beginning of
valueless
                 * name tag strings.
                 */
                pszPtr1-=ALT_SIZEA;

                /* Takes the chunk of the POST data starting from the
first
                 * blank field to the very end of the data; then backs up
to
                 * right before CMD=Execute a name/value pair; then
checks to
                 * make sure it is divisible by 3 times the length of the
                 * triplet of valueless named variables,
                 * e.g., S10*=&I10*=&Q10*=&
                 *
                 *
                 * If the resulting remainder is non-zero (i.e., there are
                 * extra characters where there should be none), an
error
                 * occurs.
                 *
                 */
        /* allow this */


                if((strlen(pszPtr1) - ALT_SIZEC) % ALT_SIZEF)
                {
                        sprintf(pWorker->szErrorTxt,
                        "Embedded Empty Order Lines Or
Mandatory Fields Blank");
                        pWorker->iStatusId =
ERR_MANDATORY_FIELD;
                        *piSendLen = iLayoutMenu(pszOutData,
pWorker);
                        return(TRUE);
                }

        }
#endif
        /*
         * Now loop through the name/value pairs for the order lines, and
         * retrieve the entered warehouse, item, and quantity values.
         *
         * This will also check for blank fields and invalid values in the
         * form.
         */

  empty_slot=-1;
  for(uiLoop = 0; uiLoop < MAX_OL; uiLoop++)
  {
    supply_is_null = item_is_null = quantity_is_null = FALSE;
    if((pszPtr =
      pszExtractIntKey(&pNewInf->o_ol[uiLoop].ol_supply_w_id,
      pszPtr, szSupplyList[uiLoop], pWorker)) == NULL)
    {
       supply_is_null=TRUE;
    }
    if((pszPtr = pszExtractIntKey(&pNewInf->o_ol[uiLoop].ol_i_id,
      pszPtr, szItemList[uiLoop], pWorker)) == NULL)
    {
      item_is_null=TRUE;
    }
    if((pszPtr = pszExtractIntKey(
      &pNewInf->o_ol[uiLoop].ol_quantity,
      pszPtr, szQuantityList[uiLoop], pWorker)) == NULL)
    {
      quantity_is_null=TRUE;
    }
    /* Ok to have a completely blank line */
    if ( pNewInf->o_ol[uiLoop].ol_supply_w_id == 0 && pNewInf-
>o_ol[uiLoop].ol_i_id == 0 &&
            pNewInf->o_ol[uiLoop].ol_quantity ==0)
    {
      if (empty_slot == -1){
         empty_slot = uiLoop;

      }
      continue;
    }
          /* check for partially filled in line */
    if(pNewInf->o_ol[uiLoop].ol_i_id == 0)
          {
      if(pNewInf->o_ol[uiLoop].ol_supply_w_id != 0)
      {
         sprintf(pWorker->szErrorTxt,
         "Order Line %ld WId Supplied with No Item",
         uiLoop);
         pWorker->iStatusId = ERR_OL_INVALID;
         *piSendLen = iLayoutMenu(pszOutData, pWorker);
```

```
            return(TRUE);
        }
        if(pNewInf->o_ol[uiLoop].ol_quantity != 0)
        {
            sprintf(pWorker->szErrorTxt,
            "Order Line %ld Qty Supplied with No Item",
            uiLoop);
            pWorker->iStatusId = ERR_OL_INVALID;
            *piSendLen = iLayoutMenu(pszOutData, pWorker);
            return(TRUE);
        }
    }
    if(pNewInf->o_ol[uiLoop].ol_i_id != 0)
            {
        if(pNewInf->o_ol[uiLoop].ol_supply_w_id == 0)
        {
            sprintf(pWorker->szErrorTxt,
            "Order Line %ld No S-WID",
            uiLoop);
            pWorker->iStatusId = ERR_OL_INVALID;
            *piSendLen = iLayoutMenu(pszOutData, pWorker);
            return(TRUE);
        }
        if(pNewInf->o_ol[uiLoop].ol_quantity == 0)
        {
            sprintf(pWorker->szErrorTxt,
            "Order Line %ld No Qunatity",
            uiLoop);
            pWorker->iStatusId = ERR_OL_INVALID;
            *piSendLen = iLayoutMenu(pszOutData, pWorker);
            return(TRUE);
        }
    }
    if (empty_slot!= -1) {
        pNewInf->o_ol[empty_slot] = pNewInf->o_ol[uiLoop];
                /*after copy over data - zero out source area, just in case */
        pNewInf->o_ol[uiLoop].ol_supply_w_id=0;
        pNewInf->o_ol[uiLoop].ol_i_id=0;
        pNewInf->o_ol[uiLoop].ol_quantity=0;
        empty_slot++;
    }
            pNewInf->o_ol_cnt++;

  } /* end for() */
            /*
             * Checks for minimum order line requirement (TPC-C v3.5 is
five).
             */
            /*  PASS THRU  -
             if(pNewInf->o_ol_cnt < MIN_OL)
             {
                        sprintf(pWorker->szErrorTxt, "Too Few Order Lines
%d",
                                    pNewInf->o_ol_cnt);
                        pWorker->iStatusId = ERR_OL_COUNT;
                        *piSendLen = iLayoutMenu(pszOutData, pWorker);
                        return(TRUE);
             }
 */

            /*
             * Perform the Tuxedo transaction.
             */
            bTxReturn = bTuxTran(NEWORDER, pWorker, &bTxResult,
&iTxResult);
            pNewInf = (NEWO_INF *)pWorker->pTuxOutData;  /*
Redundant? OutData */
            if(bTxReturn)
            {
           ereport(LOG_WARN,"%d] bExecuteNewOrder: Service Returned
Error(%ld) : %s \n",
             pWorker->uiThrId, iTxResult, pNewInf->status );
                        pWorker->iStatusId = ERR_TUX_INTERFACE;
                        *piSendLen = iLayoutMenu(pszOutData, pWorker);
                        return(TRUE);
            }

            /*
             * Check to make sure Tuxedo call was successful.
             */
            if(bTxResult && (iTxResult < SVC_NOERROR))
            {
           ereport(LOG_WARN,"%d] bExecuteNewOrder: Service Returned
Error(%ld) : %s \n",
             pWorker->uiThrId, iTxResult, pNewInf->status );

                        sprintf(pWorker->szErrorTxt,
                                    "New Order Service Returned Error(%ld) :
%s",
                                    iTxResult, pNewInf->status);
                        pWorker->iStatusId = ERR_SERVICE_RSLT;
                        *piSendLen = iLayoutMenu(pszOutData, pWorker);
                        return(TRUE);
            }

            if(iTxResult == SVC_BADITEMID) {
                        ereport(LOG_WARN,"%d] bExecuteNewOrder:
Tuxedo Service : %s \n", pNewInf->status);
                        pWorker->iStatusId = INVALID_ITEM_ID;
            }
            /*
             * Now package up the return data from the query (new order line
             * items, customer information, item prices) from the database into
             * an HTML page.
             */

            /*
             * HTTP header and HTML title
             */
            iLen = iLayoutRespHdr(pszOutData, "TPC-C New Order",
pWorker);

            /*
             * district and warehouse IDs
             */
            iLen+=sprintf(pszOutData + iLen,
                        "<PRE>                    New Order<BR>"
                        "Warehouse: %4.4d   District: %2.2d                ",
                        pNewInf->w_id, pNewInf->d_id);

            /*
             * transaction date/time stamp
             */
            if(!bTxResult)
            {
                        iLen+=sprintf(pszOutData + iLen,
                                    "Date: %s <BR>", pNewInf->o_entry_d);
            }
            else
            {
                        iLen+=sprintf(pszOutData + iLen, "Date:<BR>");
            }

            /*
             *customer name, customer's credit
             */
            iLayoutHTMLString(pWorker->szWork, pNewInf->c_last,
NAME_LEN);
            iLayoutHTMLString(szCredit, pNewInf->c_credit, 2);
            iLen+=sprintf(pszOutData + iLen,
                        "Customer:  %4.4d   Name: %s   Credit: %s   ",
                        pNewInf->c_id, pWorker->szWork, szCredit);

            if(!bTxResult)
            {
                        /*
                         * discount, and tax information for this transaction
                         */
                        iLen+=sprintf(pszOutData + iLen,
                                    "%%Disc: %5.2f          <BR>", pNewInf-
>c_discount);
                        iLen+=sprintf(pszOutData + iLen,
                                    "Order Number: %8.8d  Number of Lines:
%2.2d"
                                    "       W_tax: %5.2f D_tax: %5.2f
<BR><BR>",
                                    pNewInf->o_id, pNewInf->o_ol_cnt,
pNewInf->w_tax,
                                    pNewInf->d_tax);
                        iLen+=sprintf(pszOutData + iLen, " Supp_W  Item_Id
Item Name"
                                    "              Qty  Stock B/G  Price    Amount<BR>");

                        /*
                         * individual order lines
(price/quantity/warehouse/item)
                         */
                        for(uiLoop = 0; uiLoop < (unsigned int)pNewInf-
>o_ol_cnt;

                        uiLoop++)
                        {
                                    iLayoutHTMLString(pWorker->szWork,
                                                pNewInf-
```

```
>o_ol[uiLoop].ol_i_name, 24);
                iLen+=sprintf(pszOutData + iLen,
                        " %4.4d   %6.6d   %s  %2.2d
%3.3d"
                        "    %1.1s   $%6.2f $%7.2f
<BR>",
                pNewInf->o_ol[uiLoop].ol_supply_w_id,
                pNewInf->o_ol[uiLoop].ol_i_id, pWorker-
>szWork,
                pNewInf->o_ol[uiLoop].ol_quantity,
                pNewInf->o_ol[uiLoop].ol_stock,
                pNewInf->o_ol[uiLoop].ol_brand_generic,
                pNewInf->o_ol[uiLoop].ol_i_price,
                pNewInf->o_ol[uiLoop].ol_amount);
        }
    }

    /*
     * if there's no return data from the database,
     * fill the values with blanks
     */
    else
    {
        iLen+=sprintf(pszOutData + iLen , "%%Disc:<BR>");
        iLen+=sprintf(pszOutData + iLen,
                "Order Number: %8.8d  Number of Lines:"
                "          W_tax: D_tax:<BR><BR>",
                pNewInf->o_id);
        if(pWorker->iStatusId == INVALID_ITEM_ID)
        iLen+=sprintf(pszOutData + iLen, " Supp_W  Item_Id
Item Name"
        "          Qty  Stock  B/G Price    Amount<BR>");
        uiLoop = 0;
    }
    for(; uiLoop < MAX_OL; uiLoop++)
        iLen+=sprintf(pszOutData + iLen, "<BR>");

    /*
     * total price
     */
    if(!bTxResult)
    {
        iLen+=sprintf(pszOutData + iLen,
                "Execution Status: %24.24s"
                "              Total:  $%8.2f  ",
                pNewInf->status, pNewInf->total_amount);
    }
    /*
     * if there's no return data from the database,
     * fill the values with blanks
     */
    else
    {
        iLen+=sprintf(pszOutData + iLen,
                "Execution Status: %24.24s"
                "              Total:",
                pNewInf->status);
    }
        iLen+=sprintf(pszOutData + iLen,
                "</PRE><HR><BR>%s</FORM>%s", szMenuList,
szEndHtmlTag);
        /*
         * End of HTML generation for New Order.
         */

        *piSendLen = iLen;
        return(FALSE);
}

/**
 ** bExecutePayment() processes the form data from POST submissions
specific
 ** to the Payment transaction.  It is called from bExecuteForm().
 **/
BOOL
bExecutePayment(char *pszInData, char *pszOutData, WORKER * pWorker,
int *piSendLen)
{
        PAY_INF     *pPayInf;
        int                 iLen = 0;
        BOOL        bTxReturn;
        BOOL        bTxResult;
        int         iTxResult;
        char        *pCredit;
        char        *pszPtr;
        int         iCDLines;
        char        szWork2[60];
        char        szWork3[60];
        char        szWork4[60];
        char        szZip1[20];
        char        szZip2[20];
        char        c_data[210];
        int         iLoop;

        /*
         * Set pTuxInData such that it conforms to the Payment
(PAY_INF)
         * data structure.
         */
        pWorker->lTuxDataLen = sizeof(PAY_INF);
        pPayInf = (PAY_INF *)pWorker->pTuxInData;
        pPayInf->c_id = 0;
        pPayInf->c_last[0] = 0;
        pPayInf->w_id = pWorker->iWarehouseId;

        /*
         * Extract the district ID and check that it is within bounds.
         */
        if((pszPtr = pszExtractIntKey(&pPayInf->d_id, pszInData,
"DID*=",
          pWorker)) == NULL)
        {
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }
        /* pass thru to DB
        if(pPayInf->d_id < MIN_DID || pPayInf->d_id > MAX_DID)
        {
                */
        if(pPayInf->d_id < 1 )
        {
                sprintf(pWorker->szErrorTxt, "DId <=0 - %ld",
                        pPayInf->d_id);
                pWorker->iStatusId = ERR_DID_INVALID;
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
            return(TRUE);
        }


        /*
         * Extract customer ID and check its validity.
         */
        if((pszPtr = pszExtractIntKey(&pPayInf->c_id, pszPtr, "CID*=",
                        pWorker)) == NULL)
        {
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }

        /*
         * Extract and validate customer's warehouse ID and check its
         * validity
         */
        if((pszPtr = pszExtractIntKey(&pPayInf->c_w_id, pszPtr,
"CWI*=",
                        pWorker)) == NULL)
        {
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }
        if(pPayInf->c_w_id < 1)
        {
                sprintf(pWorker->szErrorTxt,
                        "Payment Contains Invalid Customer WId
%d",
                        pPayInf->c_w_id);
                pWorker->iStatusId = ERR_WID_INVALID;
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }

        /*
         * Extract and validate customer's district ID and check its validity.
         */
        if((pszPtr = pszExtractIntKey(&pPayInf->c_d_id, pszPtr,
"CDI*=",
                        pWorker)) == NULL)
        {
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }
    /* Pass thru
        if(pPayInf->c_d_id < MIN_DID || pPayInf->c_d_id > MAX_DID)
        {
```

```
                sprintf(pWorker->szErrorTxt,
                        "Cust DId Out of Range(%ld,%ld) - %ld",
                        MIN_DID, MAX_DID, pPayInf->d_id);
                pWorker->iStatusId = ERR_DID_INVALID;
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }
    */
        if(pPayInf->c_d_id < 1 )
        {
                sprintf(pWorker->szErrorTxt, "Cust DId is Empty");
                pWorker->iStatusId = ERR_DID_INVALID;
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }
        if((pszPtr = pszExtractStringKey(pPayInf->c_last, pszPtr,
"CLT*=",
                                pWorker, NAME_LEN)) ==
NULL)
        {
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }
        if(pPayInf->c_id <= 0 && pPayInf->c_last[0] == 0)
        {
                strcpy(pWorker->szErrorTxt,
                        "Error - Customer Id and Name Empty");
                pWorker->iStatusId = ERR_IDANDNAME_EMPTY;
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }
        if(pPayInf->c_id != 0 && pPayInf->c_last[0] != 0)
        {
                strcpy(pWorker->szErrorTxt,
                    "Error - Specify Customer Id or Name, not Both");
                pWorker->iStatusId =
ERR_IDANDNAME_ENTERED;
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }

        /*
         * Extract mount of payment and check its validity.
         */
        if((pszPtr = pszExtractAmountKey(&pPayInf->h_amount, pszPtr,
"HAM*=",
                        pWorker)) == NULL)
        {
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }
        if(pPayInf->h_amount <= 0)
        {
                sprintf(pWorker->szErrorTxt,
                        "Payment Amount Negative or Missing");
                pWorker->iStatusId = ERR_AMOUNT_INVALID;
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }

        /*
         * Perform the Tuxedo transaction.
         */
        bTxReturn = bTuxTran(PAYMENT, pWorker, &bTxResult,
&iTxResult);
    pPayInf = (PAY_INF *)pWorker->pTuxOutData;
        /*pPayInf = (PAY_INF *)pWorker->pTuxInData; */

        /*
         * Check to make sure Tuxedo call was successful.
         */
        if(bTxReturn)
        {
       ereport(LOG_WARN," %d]bExecutePayment: bTuxTran returned
ERROR error Worker: 0x%lx\n",pWorker->uiThrId, pWorker );
                pWorker->iStatusId = ERR_TUX_INTERFACE;
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }
        if(bTxResult)
        {
                ereport(LOG_WARN," %d]bExecutePayment: bTuxTran
result ERROR error Worker: 0x%lx\n",pWorker->uiThrId, pWorker );
                sprintf(pWorker->szErrorTxt,
                        "Payment Service Returned Error(%ld) :",
                        iTxResult);
                pWorker->iStatusId = ERR_SERVICE_RSLT;
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }

        /*
         * Now package up the return data from the database in HTML
format.
         */
        iLen = iLayoutRespHdr(pszOutData, "TPC-C Payment",
pWorker);
        iLen+=sprintf(pszOutData + iLen,
                "<PRE>                          Payment<BR>"
                "Date: %s <BR><BR>"
                "Warehouse: %4.4d"
                "                       District: %2.2d<BR>",
                pPayInf->h_date,
                pPayInf->w_id, pPayInf->d_id);
        iLayoutHTMLString(szWork2, pPayInf->w_street_1,
ADDR_LEN);
        iLayoutHTMLString(szWork3, pPayInf->d_street_1,
ADDR_LEN);
        iLen+=sprintf(pszOutData + iLen,
                "%s                     %s<BR>", szWork2, szWork3);
        iLayoutHTMLString(szWork2, pPayInf->w_street_2,
ADDR_LEN);
        iLayoutHTMLString(szWork3, pPayInf->d_street_2,
ADDR_LEN);
        iLen+=sprintf(pszOutData + iLen,
                "%s                     %s<BR>", szWork2, szWork3);
        iLayoutHTMLString(pWorker->szWork, pPayInf->w_city,
ADDR_LEN);
        iLayoutHTMLString(szWork2, pPayInf->d_city, ADDR_LEN);
        iLayoutHTMLString(szWork3, pPayInf->w_state, STATE_LEN);
        iLayoutHTMLString(szWork4, pPayInf->d_state, STATE_LEN);
        iLayoutString(szZip1, ZIPPIC, pPayInf->w_zip);
        iLayoutString(szZip2, ZIPPIC, pPayInf->d_zip);
        iLen+=sprintf(pszOutData + iLen,
                "%s %s %10.10s      %s %s %10.10s<BR><BR>",
                pWorker->szWork, szWork3, szZip1, szWork2,
szWork4, szZip2);
        iLayoutHTMLString(szWork2, pPayInf->c_first, NAME_LEN);
        iLayoutHTMLString(szWork3, pPayInf->c_middle, 2);
        iLayoutHTMLString(szWork4, pPayInf->c_last, NAME_LEN);
        iLen+=sprintf(pszOutData + iLen,
         "Customer: %4.4d  Cust-Warehouse: %4.4d  Cust-District:
%2.2d<BR>"
                "Name:   %s %s %s     Since:  %s<BR>",
                pPayInf->c_id, pPayInf->c_w_id, pPayInf->c_d_id,
                szWork2, szWork3, szWork4,
                pPayInf->c_since);
        iLayoutHTMLString(pWorker->szWork, pPayInf->c_street_1,
ADDR_LEN);
        iLayoutHTMLString(szWork2, pPayInf->c_credit, 2);
        iLayoutHTMLString(szWork3, pPayInf->d_street_2,
ADDR_LEN);
        iLen+=sprintf(pszOutData + iLen,
                "       %s                  Credit: %s<BR>"
                "       %s                  %%Disc:  %5.2f<BR>",
                pWorker->szWork, szWork2, szWork3, pPayInf-
>c_discount);
        iLayoutHTMLString(szWork2, pPayInf->c_city, ADDR_LEN);
        iLayoutHTMLString(szWork3, pPayInf->c_state, STATE_LEN);
        iLayoutString(szZip1, ZIPPIC, pPayInf->c_zip);
        iLayoutString(szWork4, "XXXXXX-XXX-XXX-XXXX",
pPayInf->c_phone);
        iLen+=sprintf(pszOutData + iLen,
        "       %s %s %10.10s      Phone:  %-19.19s<BR><BR>"
        "Amount Paid:         $%7.2f      New Cust Balance: $
%14.2f<BR>"
        "Credit Limit:   $%13.2f<BR><BR>",
        szWork2, szWork3, szZip1, szWork4,
        pPayInf->h_amount, pPayInf->c_balance, pPayInf-
>c_credit_lim);
        sprintf(c_data, "%s", pPayInf->c_data);
        /*
         * customer payment information
         */
        if(pPayInf->c_credit[0] == 'B' && pPayInf->c_credit[1] == 'C')
        {
                pCredit = c_data;
                iCDLines = strlen(pCredit)/ 50;
                for(iLoop = 0; iLoop < 4; iLoop++, pCredit += 50)
                {
                        if(iLoop <= iCDLines)
                                vStringCopy(szWork2, pCredit,
50);
                        else
```

```
                                        szWork2[0] = 0;
                                iLayoutHTMLString(szWork3, szWork2,
50);
                                if(!iLoop)
                                        iLen+=sprintf(pszOutData +      
iLen,
                                                "Cust-Data:
%s<BR>", szWork3);
                                else
                                        iLen+=sprintf(pszOutData +
iLen,
                                                "       %s<BR>",
szWork3);
                        }
                }
                else
                        iLen+=sprintf(pszOutData + iLen,
                                "Cust-Data: <BR> <BR> <BR> <BR>");
                iLen+=sprintf(pszOutData + iLen,
                        "</PRE><HR><BR>%s</FORM>%s", szMenuList,
szEndHtmlTag);
                /*
                 * End of HTML generation for Payment.
                 */

                *piSendLen = iLen;
                return(FALSE);
}

/**
 ** bExecuteDelivery() processes the form data from POST submissions
specific
 ** to the Delivery transaction.  It is called from bExecuteForm().
 **/
BOOL
bExecuteDelivery(char *pszInData, char *pszOutData, WORKER * pWorker,
int *piSendLen)
{
                REQ_DEL         *pReqDel;
                DEL_INF         *pDelInf;
                DEL_INF         DelInf;
                int                     iLen = 0;
                BOOL            bTxReturn;
                BOOL            bTxResult;
                int             iTxResult;
                struct timeval tv;

                pDelInf = &DelInf;

                /*
                 * Set pTuxInData such that it conforms to the Delivery
(DEL_INF)
                 * data structure.
                 */
                pWorker->lTuxDataLen = sizeof(REQ_DEL);
                pReqDel = (REQ_DEL *)pWorker->pTuxInData;
                pReqDel->w_id = pWorker->iWarehouseId;

                /*
                 * Extract the carrier ID and check that it is within bounds.
                 */
                if(pszExtractIntKey(&pReqDel->o_carrier_id, pszInData,
"OCD*=",
                        pWorker) == NULL)
                {
                        *piSendLen = iLayoutMenu(pszOutData, pWorker);
                        return(TRUE);
                }
        /* Pass thru
                if(pReqDel->o_carrier_id < MIN_CARRIER
                || pReqDel->o_carrier_id > MAX_CARRIER)
                {
                        sprintf(pWorker->szErrorTxt,
                                "Carrier Id Out of Range(%ld,%ld) - %ld",
                                MIN_CARRIER, MAX_CARRIER,
pReqDel->o_carrier_id);
                        pWorker->iStatusId = ERR_CARRIER_INVALID;
                        *piSendLen = iLayoutMenu(pszOutData, pWorker);
                        return(TRUE);
                }
        */
                if(pReqDel->o_carrier_id < 1)
                {
                        sprintf(pWorker->szErrorTxt, "Carrier Id Invalid");
                        pWorker->iStatusId = ERR_CARRIER_INVALID;
                        *piSendLen = iLayoutMenu(pszOutData, pWorker);
                        return(TRUE);
                }

                /*
                 * Make a note of the time the delivery request was received.  This
                 * is necessary as the Delivery transaction is asynchronous, and
                 * its time of execution is needed at the time the report is created.
                 */
                (void)gettimeofday(&tv, NULL); /* convert to msecs */
                pReqDel->qtime = (tv.tv_sec * 1000) + (tv.tv_usec / 1000);

                /*
                 * Perform the Tuxedo transaction.
                 */
                bTxReturn = bTuxTran(DELIVERY, pWorker, &bTxResult,
&iTxResult);
                if(bTxReturn)
                {
                        pWorker->iStatusId = ERR_TUX_INTERFACE;
                        *piSendLen = iLayoutMenu(pszOutData, pWorker);
                        return(TRUE);
                }
                pDelInf->o_carrier_id = pReqDel->o_carrier_id;
                pDelInf->w_id = pReqDel->w_id;

                /*
                 * Now package up the return data from the database in HTML
format.
                 */
                strcpy(pDelInf->status, "Delivery has been queued.");

                iLen = iLayoutRespHdr(pszOutData, "TPC-C Delivery",
pWorker);
                iLen+=sprintf(pszOutData + iLen,
                        "<PRE>                          Delivery<BR>"
                        "Warehouse: %4.4d<BR><BR>"
                        "Carrier Number: %2.2d<BR><BR>"
                        "Execution Status: %25.25s<BR>",
                        pDelInf->w_id, pDelInf->o_carrier_id, pDelInf-
>status);
                iLen+=sprintf(pszOutData + iLen,
                        "</PRE><HR><BR>%s</FORM>%s", szMenuList,
szEndHtmlTag);
                /*
                 * End of HTML generation for Delivery.
                 */

                *piSendLen = iLen;
                return(FALSE);
}

/**
 ** bExecuteOrderStatus() processes the form data from POST submissions
 ** specific to the OrderStatus transaction.  It is called from bExecuteForm().
 **/
BOOL
bExecuteOrderStatus(char *pszInData, char *pszOutData, WORKER *
pWorker, int *piSendLen)
{
                ORD_INF         *pOrdInf;
                int                     iLen = 0;
                int             iLoop;
                char            *pszPtr;
                char            szWork2[50];
                char            szWork3[50];
                BOOL            bTxReturn;
                BOOL            bTxResult;
                int             iTxResult;

                /*
                 * Set pTuxInData such that it conforms to the Order Status
(ORD_INF)
                 * data structure.
                 */
                pWorker->lTuxDataLen = sizeof(ORD_INF);
                pOrdInf = (ORD_INF *)pWorker->pTuxInData;
                pOrdInf->c_id = 0;
                pOrdInf->c_last[0] = 0;
                pOrdInf->w_id = pWorker->iWarehouseId;

                /*
                 * Extract the district ID and check that it is within bounds.
                 */
                if((pszPtr = pszExtractIntKey(&pOrdInf->d_id, pszInData,
"DID*=",
                        pWorker)) == NULL)
                {
                        *piSendLen = iLayoutMenu(pszOutData, pWorker);
                        return(TRUE);
```

```
        }

        if(pOrdInf->d_id < 1)
    {
                sprintf(pWorker->szErrorTxt,
                        "DId Invalid - (%d)",
                         pOrdInf->d_id);
                pWorker->iStatusId = ERR_DID_INVALID;
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }

        /*
         * Extract the customer ID and check its validity.
         */
        if((pszPtr = pszExtractIntKey(&pOrdInf->c_id, pszPtr, "CID*=",
                pWorker)) == NULL)
        {
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }
        if((pszPtr = pszExtractStringKey(pOrdInf->c_last, pszPtr,
"CLT*=",
                pWorker, NAME_LEN)) == NULL)
        {
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }
        if(pOrdInf->c_id == 0 && pOrdInf->c_last[0] == 0)
        {
                strcpy(pWorker->szErrorTxt,
                        "Error - Customer Id and Name Empty");
                pWorker->iStatusId = ERR_IDANDNAME_EMPTY;
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }
        if(pOrdInf->c_id != 0 && pOrdInf->c_last[0] != 0)
        {
                strcpy(pWorker->szErrorTxt,
                     "Error - Specify Customer Id or Name, not Both");
                pWorker->iStatusId =
ERR_IDANDNAME_ENTERED;
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }

        /*
         * Perform the Tuxedo transaction.
         */
        bTxReturn = bTuxTran(ORDERSTATUS, pWorker, &bTxResult,
&iTxResult);

        /*
         * Check to make sure Tuxedo call was successful.
         */
        pOrdInf = (ORD_INF *)pWorker->pTuxOutData;  /* ??redundant
OutData */
        if(bTxReturn)
        {
                pWorker->iStatusId = ERR_TUX_INTERFACE;
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }
        if(bTxResult)
        {
                sprintf(pWorker->szErrorTxt,
                        "Order Status Service Returned
Error(%ld) :",
                        iTxResult);
                pWorker->iStatusId = ERR_SERVICE_RSLT;
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }

        /*
         * Now package up the return data from the database in HTML
format.
         */
        iLen = iLayoutRespHdr(pszOutData, "TPC-C Order-Status",
pWorker);
        iLen+=sprintf(pszOutData + iLen,
                "<PRE>                          Order-Status<BR>"
                "Warehouse: %4.4d   District: %2.2d<BR>",
                pOrdInf->w_id, pOrdInf->d_id);
        iLayoutHTMLString(pWorker->szWork, pOrdInf->c_first,
NAME_LEN);
        iLayoutHTMLString(szWork2, pOrdInf->c_middle, 2);
        iLayoutHTMLString(szWork3, pOrdInf->c_last, NAME_LEN);
        iLen+=sprintf(pszOutData + iLen,
                "Customer: %4.4d   Name: %s %s %s<BR>"
                "Cust-Balance: $%9.2f<BR><BR>",
                pOrdInf->c_id, pWorker->szWork, szWork2, szWork3,
                pOrdInf->c_balance);
        iLen+=sprintf(pszOutData + iLen,
        "Order-Number: %8.8d   Entry-Date: %s   Carrier-Number:
%2.2d<BR>"
        "Supply-W     Item-Id    Qty     Amount      Delivery-Date<BR>",
        pOrdInf->o_id, pOrdInf->o_entry_d,
        pOrdInf->o_carrier_id);

        /*
         * generate the order line information for this order status
         * transaction
         */
        for(iLoop = 0; iLoop < pOrdInf->o_ol_cnt; iLoop++)
        {
                iLen+=sprintf(pszOutData + iLen,
                    "  %4.4d       %6.6d     %2.2d     $%7.2f
%s<BR>",
                        pOrdInf->s_ol[iLoop].ol_supply_w_id,
                        pOrdInf->s_ol[iLoop].ol_i_id,
                        pOrdInf->s_ol[iLoop].ol_quantity,
                        pOrdInf->s_ol[iLoop].ol_amount,
                        pOrdInf->s_ol[iLoop].ol_delivery_d);
        }
        iLen+=sprintf(pszOutData + iLen,
                "<BR></PRE><HR><BR>%s</FORM>%s",
szMenuList, szEndHtmlTag);
        /*
         * End of HTML generation for Order Status.
         */

        *piSendLen = iLen;
        return(FALSE);
}

/**
 ** bExecuteStockLevel() processes the form data from POST submissions
specific
 ** to the Stock Level transaction.  It is called from bExecuteForm().
 **/
BOOL
bExecuteStockLevel(char *pszInData, char *pszOutData, WORKER *
pWorker, int *piSendLen)
{
        STOCK_INF     *pStockInf;
        int                     iLen = 0;
        BOOL          bTxReturn;
        BOOL          bTxResult;
        int           iTxResult;

        /*
         * Set pTuxInData such that it conforms to the Stock Level
(STOCK_INF)
         * data structure.
         */
        pWorker->lTuxDataLen = sizeof(STOCK_INF);
        pStockInf = (STOCK_INF *)pWorker->pTuxInData;
        pStockInf->w_id = pWorker->iWarehouseId;
        pStockInf->d_id = pWorker->iDistrictId;
        pStockInf->low_stock = 0;

        /*
         * Extract the threshold level and make sure it is valid.
         */
        if(pszExtractIntKey(&pStockInf->thresh_hold, pszInData,
"THR*=",
                pWorker) == NULL)
        {
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
        }
        /*
         if(pStockInf->thresh_hold < MIN_THRESHOLD
         || pStockInf->thresh_hold > MAX_THRESHOLD)
         {
                sprintf(pWorker->szErrorTxt,
                        "Threshold Out of Range(%ld,%ld) - %ld",
                        MIN_THRESHOLD,
MAX_THRESHOLD, pStockInf->thresh_hold);
                pWorker->iStatusId = ERR_THRESHOLD_RANGE;
                *piSendLen = iLayoutMenu(pszOutData, pWorker);
                return(TRUE);
         }
```

```
	*/
		if(pStockInf->thresh_hold < 1)
		{
			sprintf(pWorker->szErrorTxt, "Threshold Out of
Range");
			pWorker->iStatusId = ERR_THRESHOLD_RANGE;
			*piSendLen = iLayoutMenu(pszOutData, pWorker);
			return(TRUE);
		}
		/*
		 * Perform the Tuxedo transaction.
		 */
		bTxReturn = bTuxTran(STOCKLEVEL, pWorker, &bTxResult,
&iTxResult);
		pStockInf = (STOCK_INF *)pWorker->pTuxOutData;  /* ??
redundant OutData */
		if(bTxReturn)
		{
			pWorker->iStatusId = ERR_TUX_INTERFACE;
			*piSendLen = iLayoutMenu(pszOutData, pWorker);
			return(TRUE);
		}
		if(bTxResult)
		{
			sprintf(pWorker->szErrorTxt,
				"Stock Level Service Returned
Error(%ld) :",
				iTxResult);
			pWorker->iStatusId = ERR_SERVICE_RSLT;
			*piSendLen = iLayoutMenu(pszOutData, pWorker);
			return(TRUE);
		}

		/*
		 * Now package up the return data from the database in HTML
format.
		 */
		iLen = iLayoutRespHdr(pszOutData, "TPC-C Stock Level",
pWorker);
		iLen+=sprintf(pszOutData + iLen,
			"<PRE>                    Stock-Level<BR>"
			"Warehouse: %4.4d   District: %2.2d<BR><BR>"
			"Stock Level Threshold: %2.2d<BR><BR>"
			"Low Stock: %3.3ld</PRE><BR><HR>"
			"%s</FORM>%s",
			pWorker->iWarehouseId, pWorker->iDistrictId,
			pStockInf->thresh_hold, pStockInf->low_stock,
			szMenuList, szEndHtmlTag);
		*piSendLen = iLen;
		/*
		 * End of HTML generation for Stock Level.
		 */
		return(FALSE);
}

/**
 ** bExtractHidden() finds and extracts the hidden values for TRID (terminal
 ** ID), WKID (worker ID), and SCID (screen ID).  These are submitted as
 ** name/value pairs via an emulated user's POST command.  These tags are
 ** referred to as "hidden" because they use the <INPUT TYPE="HIDDEN">
HTML
 ** markup, which is used to send fixed values automatically with POST
 ** commands.
 **
 ** Called by uiServiceRequest().
 **/
BOOL
bExtractHidden(char *pszMessage, unsigned int *uScreenId, int *iWorkerId,
		int *iTerminalId)
{
		char		*pszPtr;
		BOOL		bStatus = TRUE;

		/*
		 * Extract TRID.
		 */
		pszPtr = strstr(pszMessage, TRID);
		if(pszPtr == NULL)
			goto xit;
		pszPtr += 5;
		*iTerminalId = atoi(pszPtr);

		/*
		 * Extract WKID.
		 */
		pszPtr = strstr(pszMessage, WKID);
		if(pszPtr == NULL)
			goto xit;
		pszPtr += 5;
		*iWorkerId = atoi(pszPtr);

		/*
		 * Extract SCID.
		 */
		pszPtr = strstr(pszMessage, SCID);
		if(pszPtr == NULL)
			goto xit;
		pszPtr += 5;
		*uScreenId = abs(atoi(pszPtr));
		bStatus = FALSE;
xit:
		return(bStatus);
}

/**
 ** uiExtractCmd() finds and extracts the value associated with the CMD tag.
 **
 ** Called by uiServiceRequest().
 **/
unsigned int
uiExtractCmd(char *pszMessage, char *pWork, unsigned int uiLen)
{
		unsigned int	u;
		char		*pszPtr;
		char		*pUpd;

		/*
		 * Check for CMD key.
		 */
		if(!(pszPtr = strstr(pszMessage, CMD)))
			return(0);
		pszPtr += 4;
		pUpd = pWork;
		while(*pszPtr && *pszPtr != '&' && *pszPtr != '\r' && *pszPtr !=
'\n')
			*pUpd++ = *pszPtr++;
		*pUpd = 0;

		/*
		 * Convert command name into command index.
		 */
		for(u = 0; u < CMD_MAX; u++)
		{
			if(!strcmp(szCmds[u], pWork))
				return(u);
		}

		/*
		 * Command string not found.
		 */
		return(0);
}

/**
 ** pszExtractLongKey() finds and extracts the value associated with the
 ** variable pszKeyVal and stores it in a long variable.
 **/
char *
pszExtractLongKey(long *lpResult, char *pszHTML, const char *pszKeyVal,
WORKER * pWork)
{
		char		*pszRet;
		char		*pszWork;
		if((pszRet = pszExtractKeyValue(pszHTML, pszKeyVal,
&pszWork,
			ALT_SIZEW)) == NULL)
		{
			sprintf(pWorker->szErrorTxt,
				"Error - Missing %s Key", pszKeyVal);
			pWorker->iStatusId = ERR_MISSING_KEY;
			return(NULL);
		}
		if(*pszWork != 0)
		{
			if(bIsNumeric(pszWork))
			{
				sprintf(pWorker->szErrorTxt,
					"Error - %s Value Not Numeric",
pszKeyVal);
				pWorker->iStatusId =
ERR_NOT_NUMERIC;
				return(NULL);
			}
		}
```

```
	*lpResult = atol(pszWork);
	return(pszRet);
}

/**
 ** pszExtractIntKey() finds and extracts the value associated with the
 ** variable pszKeyVal and stores it in a int variable.
 **
 ** This function is called from various bExtract<transaction>() functions.
 **/
char *
pszExtractIntKey(int *ipResult, char *pszHTML, const char *pszKeyVal,
WORKER * pWorker)
{
	char	*pszRet;
	char	*pszWork;
	if((pszRet = pszExtractKeyValue(pszHTML, pszKeyVal,
&pszWork,
		ALT_SIZEW)) == NULL)
	{
		sprintf(pWorker->szErrorTxt,
			"Error - Missing %s Key", pszKeyVal);
		pWorker->iStatusId = ERR_MISSING_KEY;
		return(NULL);
	}
	if(*pszWork != 0)
	{

		if(bIsNumeric(pszWork))
		{
			sprintf(pWorker->szErrorTxt,
				"Error - %s Value Not Numeric",
pszKeyVal);
			pWorker->iStatusId =
ERR_NOT_NUMERIC;
			return(NULL);
		}
	}
	*ipResult = atoi(pszWork);
	return(pszRet);
}

/**
 ** pszExtractShortKey() finds and extracts the value associated with the
 ** variable pszKeyVal and stores it in a short variable.
 **
 ** This function is called from various bExtract<transaction>() functions.
 **/
char *
pszExtractShortKey(short *spResult, char *pszHTML, const char
*pszKeyVal, WORKER *pWorker)
{
	char	*pszRet;
	char	*pszWork;
	if((pszRet = pszExtractKeyValue(pszHTML, pszKeyVal,
&pszWork,
		ALT_SIZEW)) == NULL)
	{
		sprintf(pWorker->szErrorTxt,
			"Error - Missing %s Key", pszKeyVal);
		pWorker->iStatusId = ERR_MISSING_KEY;
		return(NULL);
	}
	if(*pszWork != 0)
	{
		if(bIsNumeric(pszWork))
		{
			sprintf(pWorker->szErrorTxt,
				"Error - %s Value Not Numeric",
pszKeyVal);
			pWorker->iStatusId =
ERR_NOT_NUMERIC;
			return(NULL);
		}
	}
	*spResult = (short)atoi(pszWork);
	return(pszRet);
}

/**
 ** pszExtractWDIDKey() finds and extracts the value of the emulated user's
 ** Warehouse ID.
 **
 ** This function is called from uiServiceRequest().
 **/
char *
pszExtractWDIDKey(int *spResult, char *pszHTML, char *pszKeyVal,
WORKER *pWorker)
{
	char	*pszRet;
	char	*pszWork;
	char	*pszPtr;
	int	uiMax = ALT_SIZEW;
	pszRet = pszHTML;
	if(!(pszWork = strstr(pszHTML, pszKeyVal)))
		return(NULL);
	pszWork+=(ALT_SIZEA + 1);
	uiMax--;
	pszPtr = pWorker->szWork;
	while(*pszWork && *pszWork != '&' && uiMax)
	{
		*pszPtr++ = *pszWork++;
		uiMax--;
	}
	*pszPtr = 0;
	if(pWorker->szWork[0] != 0)
	{
		if(bIsNumeric(pWorker->szWork))
		{
			sprintf(pWorker->szErrorTxt,
				"Error - %s Value Not Numeric",
pszKeyVal);
			pWorker->iStatusId =
ERR_NOT_NUMERIC;
			return(NULL);
		}
	}
	*spResult = atoi(pszWork);
	return(pszRet);
}

/**
 ** pszExtractStringKey() finds and extracts the value associated with the
 ** variable pszKeyVal and stores it in a string.
 **
 ** This function is called from various bExtract<transaction>() functions.
 **/
char *
pszExtractStringKey(char *szResult, char *pszHTML, const char
*pszKeyVal,
		WORKER * pWorker, unsigned int uiMax)
{
	unsigned int	uiLen;
	char	*pszRet;
	char	*pszWork;
	if((pszRet = pszExtractKeyValue(pszHTML, pszKeyVal,
&pszWork,
		ALT_SIZEW)) == NULL)
	{
		sprintf(pWorker->szErrorTxt,
			"Error - Missing %s Key", pszKeyVal);
		pWorker->iStatusId = ERR_MISSING_KEY;
		return(NULL);
	}
	uiLen = strlen(pszWork);
	if(uiLen > uiMax)
	{
		sprintf(pWorker->szErrorTxt,
			"Error - %s Key Input (%ld) Too Long
(%ld)"
			,pszKeyVal, uiLen, uiMax);
		pWorker->iStatusId = ERR_INPUT_TOO_LONG;
		return(NULL);
	}
	vToUpper(pszWork);
	strcpy(szResult, pszWork);
	return(pszRet);
}

/**
 ** pszExtractAmountKey() finds and extracts a dollar amount value
associated
 ** with the tag defined in variable pszKeyVal and stores it in a double.
 **
 ** This function is called from various bExtract<transaction>() functions.
 **/
char *
pszExtractAmountKey(double *dpResult, char *pszHTML, const char
*pszKeyVal,
		WORKER *pWorker)
{
	char	*pszPtr;
	char	*pszRet;
	char	*pszWork;
```

```
	BOOL		bInvalid = FALSE;
	if((pszRet = pszExtractKeyValue(pszHTML, pszKeyVal,
&pszWork,
		ALT_SIZEW)) == NULL)
	{
		sprintf(pWorker->szErrorTxt,
			"Error - Missing %s Key", pszKeyVal);
		pWorker->iStatusId = ERR_MISSING_KEY;
		return(pszRet);
	}
	pszPtr = pszWork;
	while(*pszPtr)
	{
		if(*pszPtr == '.')
		{
			pszPtr++;
			if(!*pszPtr)
				break;
			if(*pszPtr < '0' || *pszPtr > '9')
			{
				bInvalid = TRUE;
				break;
			}
			pszPtr++;
			if(!*pszPtr)
				break;
			if(*pszPtr < '0' || *pszPtr > '9')
			{
				bInvalid = TRUE;
				break;
			}
			pszPtr++;
			if(*pszPtr)
			{
				bInvalid = TRUE;
				break;
			}
			break;
		} else if(*pszPtr < '0' || *pszPtr > '9')
		{
			bInvalid = TRUE;
			break;
		}
		pszPtr++;
	}
	if(!bInvalid)
		*dpResult = atof(pszWork);
	else
	{
		sprintf(pWorker->szErrorTxt,
		   "Error - Invalid Amount iLayout (%s)", pszWork);
		pWorker->iStatusId = ERR_AMOUNT_BADFORM;
		pszRet = NULL;
	}
	return(pszRet);
}

/**
 ** pszExtractKeyValue() finds and extracts the raw value associated with the
 ** variable pszKeyVal and stores it in a string.
 **
 ** This function is called from pszExtract<type>Key() functions which take
 ** the return values and convert them to their respective types.
 **/
char *
pszExtractKeyValue(char *pszHTML, const char *pszKeyVal, char
**pszValue,
		unsigned int uiMax)
{
	char		*pszPtr;
	char		*pszValue1;
	if(!(pszValue1 = strstr(pszHTML, pszKeyVal)))
	{
		*pszValue = NULL;
		return(NULL);
	}
	pszValue1+=(ALT_SIZEA + 1);
	*pszValue = pszValue1;
	uiMax--;
	if(!(pszPtr = strchr(pszValue1, '&')))
	{
		pszPtr = pszValue1;
		while(*pszPtr && *pszPtr != '&' && uiMax)
		{
			pszPtr++;
			uiMax--;
		}
	}
	*pszPtr = 0;
	pszPtr++;
	return(pszPtr);
}

/**
 ** iLayoutLogin() produces the HTML code segment for the TPC-C Login
Screen.
 **
 ** It is called by uiServiceRequest().
 **/
int
iLayoutLogin(char *pszOutData, WORKER *pWorker)
{
	int iLen = 0;
	char		szTemp[512];
	sprintf(szTemp, szLoginScreen, szPluginPath, pWorker-
>iStatusId);
	iLen = sprintf(pszOutData, "%s<BR>%s<BR>%s", szTemp,
			pWorker->szErrorTxt, szEndHtmlTag);
	return(iLen);
}

/**
 ** iLayoutMenu() produces the HTML code segment for the TPC-C Main
Menu.
 **
 ** It is called by uiServiceRequest().
 **/
int
iLayoutMenu(char *pszOutData, WORKER * pWorker)
{
	int iLen = 0;
	iLen = sprintf(pszOutData,
		"<HTML><HEAD><TITLE>TPC-C
MainMenu</TITLE></HEAD><BODY>"
		"Select Desired Transaction.<BR><HR>"
		"<FORM ACTION=\"%s\" METHOD=\"POST\">",
szPluginPath);
	iLen+=sprintf(pszOutData + iLen,
		"<INPUT TYPE=\"hidden\" NAME=\"STID\"
VALUE=\"%d\">"
		"<INPUT TYPE=\"hidden\" NAME=\"SCID\"
VALUE=\"%d\">"
		"<INPUT TYPE=\"hidden\" NAME=\"TRID\"
VALUE=\"%d\">"
		"<INPUT TYPE=\"hidden\" NAME=\"WKID\"
VALUE=\"%d\">"
		"<INPUT TYPE=\"hidden\" NAME=\"w_id\"
VALUE=\"%d\">"
		"<INPUT TYPE=\"hidden\" NAME=\"d_id\"
VALUE=\"%d\">",
		pWorker->iStatusId, SCREEN_MENU,
		pWorker->iTerminalId, pWorker->iWorkerId,
		pWorker->iWarehouseId, pWorker->iDistrictId);
	iLen+=sprintf(pszOutData + iLen, "%s</FORM><BR>%s<BR>
%s",
		szMenuList, pWorker->szErrorTxt, szEndHtmlTag);
	return(iLen);
}

/**
 ** iLayoutNewOrder() produces the HTML code for the New Order entry
screen
 **
 ** It is called by uiServiceRequest().
 **/
int
iLayoutNewOrder(char *pszOutData, WORKER * pWorker)
{
	int iLen = 0;
	pWorker->uScreenId = SCREEN_NEWORDER;
	iLen = iLayoutFormHdr(pszOutData, "TPC-C New Order",
pWorker);
	iLen+=sprintf(pszOutData + iLen,
	"<PRE>                          New Order<BR>"
	"Warehouse: %4.4d%s%s",
	pWorker->iWarehouseId,
	"   District: <INPUT NAME=\"DID*\" SIZE=2>Date:<BR>"
	"Customer:  <INPUT NAME=\"CID*\" SIZE=4>   Name:Credit:"
	"      %Disc:<BR>"
	"Order Number:          Number of Lines:      W_tax:"
	"    D_tax:<BR><BR>"
	" Supp_W  Item_Id  Item Name                Qty  Stock"
	"  B/G  Price Amount<BR>"
	" <INPUT NAME=\"S00*\" SIZE=4>  <INPUT NAME=\"I00*\"
```

```
SIZE=6>"
            "                    <INPUT NAME=\"Q00*\" SIZE=2><BR>"
            " <INPUT NAME=\"S01*\" SIZE=4>  <INPUT NAME=\"I01*\"
SIZE=6>"
            "                    <INPUT NAME=\"Q01*\" SIZE=2><BR>"
            " <INPUT NAME=\"S02*\" SIZE=4>  <INPUT NAME=\"I02*\"
SIZE=6>"
            "                    <INPUT NAME=\"Q02*\" SIZE=2><BR>"
            " <INPUT NAME=\"S03*\" SIZE=4>  <INPUT NAME=\"I03*\"
SIZE=6>"
            "                    <INPUT NAME=\"Q03*\" SIZE=2><BR>"
            " <INPUT NAME=\"S04*\" SIZE=4>  <INPUT NAME=\"I04*\"
SIZE=6>"
            "                    <INPUT NAME=\"Q04*\" SIZE=2><BR>"
            " <INPUT NAME=\"S05*\" SIZE=4>  <INPUT NAME=\"I05*\"
SIZE=6>"
            "                    <INPUT NAME=\"Q05*\" SIZE=2><BR>"
            " <INPUT NAME=\"S06*\" SIZE=4>  <INPUT NAME=\"I06*\"
SIZE=6>"
            "                    <INPUT NAME=\"Q06*\" SIZE=2><BR>"
            " <INPUT NAME=\"S07*\" SIZE=4>  <INPUT NAME=\"I07*\"
SIZE=6>"
            "                    <INPUT NAME=\"Q07*\" SIZE=2><BR>"
            " <INPUT NAME=\"S08*\" SIZE=4>  <INPUT NAME=\"I08*\"
SIZE=6>"
            "                    <INPUT NAME=\"Q08*\" SIZE=2><BR>"
            " <INPUT NAME=\"S09*\" SIZE=4>  <INPUT NAME=\"I09*\"
SIZE=6>"
            "                    <INPUT NAME=\"Q09*\" SIZE=2><BR>"
            " <INPUT NAME=\"S10*\" SIZE=4>  <INPUT NAME=\"I10*\"
SIZE=6>"
            "                    <INPUT NAME=\"Q10*\" SIZE=2><BR>"
            " <INPUT NAME=\"S11*\" SIZE=4>  <INPUT NAME=\"I11*\"
SIZE=6>"
            "                    <INPUT NAME=\"Q11*\" SIZE=2><BR>"
            " <INPUT NAME=\"S12*\" SIZE=4>  <INPUT NAME=\"I12*\"
SIZE=6>"
            "                    <INPUT NAME=\"Q12*\" SIZE=2><BR>"
            " <INPUT NAME=\"S13*\" SIZE=4>  <INPUT NAME=\"I13*\"
SIZE=6>"
            "                    <INPUT NAME=\"Q13*\" SIZE=2><BR>"
            " <INPUT NAME=\"S14*\" SIZE=4>  <INPUT NAME=\"I14*\"
SIZE=6>"
            "                    <INPUT NAME=\"Q14*\" SIZE=2><BR>"
            "Execution Status:                                  "
            "Total:<BR><HR>"
            "<INPUT TYPE=\"submit\"NAME=\"CMD\"
VALUE=\"Execute\">"
            "<INPUT TYPE=\"submit\"NAME=\"CMD\"
VALUE=\"Menu\">"
            "</FORM>", szEndHtmlTag);
            return(iLen);
}

/**
 ** iLayoutPayment() produces the HTML code for the Payment entry screen
 **
 ** It is called by uiServiceRequest().
 **/
int
iLayoutPayment(char *pszOutData, WORK ER * pWorker)
{
            int iLen = 0;
            pWorker->uScreenId = SCREEN_PAYMENT;
            iLen = iLayoutFormHdr(pszOutData, "TPC-C Payment",
pWorker);
            iLen+=sprintf(pszOutData + iLen,
                        "<PRE>                        Payment<BR>"
                        "Date:<BR><BR>"
                        "Warehouse: %4.4d%s%s",
                        pWorker->iWarehouseId,
                        "                    District: <INPUT NAME=\"DID*\" "
                        "SIZE=2><BR><BR><BR><BR><BR>"
                        "Customer: <INPUT NAME=\"CID*\" SIZE=4>"
                        "Cust-Warehouse: <INPUT NAME=\"CWI*\"
SIZE=4>  "
                        "Cust-District: <INPUT NAME=\"CDI*\"
SIZE=1><BR>"
                        "Name:                <INPUT NAME=\"CLT*\"
SIZE=16> "
                        "Since:<BR>"
                        "                              Credit:<BR>"
                        "                              Disc:<BR>"
                        "                              Phone:<BR>"
                        "<BR>"
                        "Amount Paid:        $<INPUT NAME=\"HAM*\"
SIZE=7>      "
                        "New Cust Balance:<BR>"
                        "Credit Limit:<BR><BR>Cust-Data:
<BR><BR><BR><BR></PRE><HR>"
                        "<INPUT TYPE=\"submit\"NAME=\"CMD\"
VALUE=\"Execute\">"
                        "<INPUT TYPE=\"submit\"NAME=\"CMD\"
VALUE=\"Menu\">"
                        "</FORM>", szEndHtmlTag);
            return(iLen);
}

/**
 ** iLayoutDelivery() produces the HTML code for the Delivery entry screen
 **
 ** It is called by uiServiceRequest().
 **/
int
iLayoutDelivery(char *pszOutData, WORK ER * pWorker)
{
            int iLen = 0;
            pWorker->uScreenId = SCREEN_DELIVERY;
            iLen = iLayoutFormHdr(pszOutData, "TPC-C Delivery",
pWorker);
            iLen+=sprintf(pszOutData + iLen,
                        "<PRE>                        Delivery<BR>"
                        "Warehouse: %4.4d%s%s",
                        pWorker->iWarehouseId,
                        "<BR><BR>"
                        "Carrier Number: <INPUT NAME=\"OCD*\"
SIZE=2><BR><BR>"
                        "Execution Status:<BR></PRE><HR>"
                        "<INPUT TYPE=\"submit\"NAME=\"CMD\"
VALUE=\"Execute\">"
                        "<INPUT TYPE=\"submit\"NAME=\"CMD\"
VALUE=\"Menu\">"
                        "</FORM>", szEndHtmlTag);
            return(iLen);
}

/**
 ** iLayoutOrderStatus() produces the HTML code for the Order Status entry
 ** screen
 **
 ** It is called by uiServiceRequest().
 **/
int
iLayoutOrderStatus(char *pszOutData, WORK ER * pWorker)
{
            int iLen = 0;
            pWorker->uScreenId = SCREEN_ORDERSTATUS;
            iLen = iLayoutFormHdr(pszOutData, "TPC-C Order-Status",
pWorker);
            iLen+=sprintf(pszOutData + iLen,
                        "<PRE>                        Order-Status<BR>"
                        "Warehouse: %4.4d   %s%s",
                        pWorker->iWarehouseId,
                        "District: <INPUT NAME=\"DID*\" SIZE=2><BR>"
                        "Customer: <INPUT NAME=\"CID*\" SIZE=4>
Name: "
                        "<INPUT NAME=\"CLT*\" SIZE=23><BR>"
                        "Cust-Balance:<BR><BR>"
                        "Order-Number:            Entry-Date:"
                        "                    Carrier-Number:<BR>"
                        "Supply-W    Item-Id    Qty    Amount      "
                        "Delivery-Date<BR></PRE><HR>"
                        "<INPUT TYPE=\"submit\"NAME=\"CMD\"
VALUE=\"Execute\">"
                        "<INPUT TYPE=\"submit\"NAME=\"CMD\"
VALUE=\"Menu\">"
                        "</FORM>", szEndHtmlTag);
            return(iLen);
}

/**
 ** iLayoutStockLevel() produces the HTML code for the Stock Level entry
 ** screen
 **
 ** It is called by uiServiceRequest().
 **/
int
iLayoutStockLevel(char *pszOutData, WORK ER * pWorker)
{
            int iLen = 0;
            pWorker->uScreenId = SCREEN_STOCKLEVEL;
            iLen = iLayoutFormHdr(pszOutData, "TPC-C Stock Level",
pWorker);
            iLen+=sprintf(pszOutData + iLen,
```

```
                "<PRE>                    Stock-Level<BR>"
                "Warehouse: %4.4d   District: %2.2d%s%s",
                pWorker->iWarehouseId, pWorker->iDistrictId,
                "<BR><BR>"
                "Stock Level Threshold: <INPUT
NAME=\"THR*\"SIZE=2><BR><BR>"
                "low stock:    <BR><HR>"
                "<INPUT TYPE=\"submit\"NAME=\"CMD\"
VALUE=\"Execute\">"
                "<INPUT TYPE=\"submit\"NAME=\"CMD\"
VALUE=\"Menu\">"
                "</FORM>", szEndHtmlTag);
        return(iLen);
}

/**
 ** iLayoutFormHdr() generates a string of pre-formatted HTML including
hidden
 ** tags containing warehouse, district, screen, and terminal information
 ** for a new form to be filled in by an emulated user.
 **
 ** This function is called by the iLayout<transaction>() functions, i.e.,
 ** it is used to create entry forms for all of the transacation screens.
 **/
int
iLayoutFormHdr(char *pszOutData, char *pszHeader, WORKER * pWorker)
{
        int iLen = 0;
        iLen = sprintf(pszOutData,
                "<HTML><HEAD><TITLE>%s</TITLE></HEAD>"
                "<FORM ACTION=\"%s\" METHOD=\"POST\">"
                "<INPUT TYPE=\"hidden\" NAME=\"PI*\"
VALUE=\"\">"
                "<INPUT TYPE=\"hidden\" NAME=\"STID\"
VALUE=\"0\">"
                "<INPUT TYPE=\"hidden\" NAME=\"SCID\"
VALUE=\"%d\">"
                "<INPUT TYPE=\"hidden\" NAME=\"TRID\"
VALUE=\"%d\">"
                "<INPUT TYPE=\"hidden\" NAME=\"WKID\"
VALUE=\"%d\">"
                "<INPUT TYPE=\"hidden\" NAME=\"w_id\"
VALUE=\"%d\">"
                "<INPUT TYPE=\"hidden\" NAME=\"d_id\"
VALUE=\"%d\">",
                pszHeader, szPluginPath, pWorker->uScreenId,
                pWorker->iTerminalId, pWorker->iWorkerId,
                pWorker->iWarehouseId, pWorker->iDistrictId);
        return(iLen);
}

/**
 ** iLayoutRespHdr() generates a string of pre-formatted HTML including
hidden
 ** tags containing warehouse, district, screen, and terminal information
 ** for a response to a submitted form from an emulated user.
 **
 ** This function is called by the bExecute<transaction>() functions.
 **/
int
iLayoutRespHdr(char *pszOutData, char *pszHeader, WORKER * pWorker)
{
        int iLen = 0;
        iLen = sprintf(pszOutData,
                "<HTML><HEAD><TITLE>%s</TITLE></HEAD>"
                "<FORM ACTION=\"%s\" METHOD=\"POST\">"
                "<INPUT TYPE=\"hidden\" NAME=\"w_id\"
VALUE=\"%d\">"
                "<INPUT TYPE=\"hidden\" NAME=\"d_id\"
VALUE=\"%d\">"
                "<INPUT TYPE=\"hidden\" NAME=\"STID\"
VALUE=\"%d\">"
                "<INPUT TYPE=\"hidden\" NAME=\"SCID\"
VALUE=\"%d\">"
                "<INPUT TYPE=\"hidden\" NAME=\"TRID\"
VALUE=\"%d\">"
                "<INPUT TYPE=\"hidden\" NAME=\"WKID\"
VALUE=\"%d\">",
                pszHeader, szPluginPath, pWorker->iWarehouseId,
                pWorker->iDistrictId,
                pWorker->iStatusId, pWorker->uScreenId,
                pWorker->iTerminalId, pWorker->iWorkerId);
        return(iLen);
}

/**
 ** iLayoutHTMLString() converts the native string data into HTML-
compliant
 ** data.  This is mainly to change special punctuation to HTML &xxx;
 ** sequences so browsers can parse the HTML correctly.
 **/
int
iLayoutHTMLString(char *pszOutData, char *pszInData, unsigned int uiLen)
{
        int iLen = 0;
        while(uiLen && *pszInData)
        {
                switch (*pszInData)
                {
                        case '>':
                                *pszOutData++ = '&';
                                *pszOutData++ = 'g';
                                *pszOutData++ = 't';
                                *pszOutData++ = ';';
                                pszInData++;
                                iLen+=4;
                                break;
                        case '<':
                                *pszOutData++ = '&';
                                *pszOutData++ = 'l';
                                *pszOutData++ = 't';
                                *pszOutData++ = ';';
                                pszInData++;
                                iLen+=4;
                                break;
                        case '&':
                                *pszOutData++ = '&';
                                *pszOutData++ = 'a';
                                *pszOutData++ = 'm';
                                *pszOutData++ = 'p';
                                *pszOutData++ = ';';
                                pszInData++;
                                iLen+=5;
                                break;
                        case '\"':
                                *pszOutData++ = '&';
                                *pszOutData++ = 'q';
                                *pszOutData++ = 'u';
                                *pszOutData++ = 'o';
                                *pszOutData++ = 't';
                                *pszOutData++ = ';';
                                pszInData++;
                                iLen+=6;
                                break;
                        default:
                                *pszOutData++ = *pszInData++;
                                iLen++;
                                break;
                }
                uiLen--;
        }
        while(uiLen--)
        {
                *pszOutData++ = ' ';
                iLen++;
        }
        *pszOutData = 0;
        return(iLen);
}
int iLayoutString(char *pszOutData, const char *pszPicture, char *pszInData)
{
        int iLen = 0;
        while(*pszPicture)
        {
                if(*pszPicture == 'X')
                {
                        if(*pszInData)
                                *pszOutData++ = *pszInData+
+;
                        else
                                *pszOutData++ = ' ';
                } else
                        *pszOutData++ = *pszPicture;
                pszPicture++;
                iLen++;
        }
        *pszOutData = 0;
        return(iLen);
}

void vStringCopy(char *pszDest, char *pszSrc, int iBytes)
{
        strncpy(pszDest, pszSrc, iBytes);
```

```
		pszDest[iBytes] = '\0';
		return;
}
/**
 ** bIsNumeric checks to make sure a string contains a numeric value.
 **
 ** Called from pszExtractLongKey(), et al.
 **/
BOOL bIsNumeric(char *pszNum)
{
	if(*pszNum == 0)
		return(TRUE);
		 if (pszNum[0] == '-'){
	   pszNum++;
	}
	while(*pszNum && isdigit(*pszNum))
		pszNum++;
	return(*pszNum);
}


/**
 ** vToUpper -- simple function to convert string to all upper-case letters.
 **
 ** Called from pszExtractStringKey() to make all key parsing consistent.
 **/
void vToUpper(char *szArg)
{
		char		*szPtr = szArg;
		for(; *szPtr; szPtr++)
		{
			*szPtr = toupper(*szPtr);
		}
}
```

tpccService.h

```
#ifndef __TPCCSERVICEH__
#define __TPCCSERVICEH__
#include "tpcc.h"
uint uiServiceRequest(WORKER *, char *, char *, int *);
#endif
```

tpccBool.h

```
#ifndef __TPCCBOOLH__
#define __TPCCBOOLH__
#ifdef TRUE
#undef TURE
#endif
#ifdef FALSE
#undef FALSE
#endif
typedef enum
		{
			FALSE = 0,
			TRUE  = 1
		} BOOL;
#endif
```

tpccConst.h

```
#ifndef __TPCCCONSTH__
#define __TPCCCONSTH__
/* ServiceRequest return codes*/
#define SEND	1
#define SENDCLOSE	2

#define NEWORDER	"NEWO"
#define PAYMENT	"PAYM"
#define ORDERSTATUS "ORDS"
#define STOCKLEVEL	"STOCK"
#define DELIVERY	"DEL"

/* TPCC Service return codes*/
#define SVC_BADITEMID	1
#define SVC_NOERROR	0
#define SVCERR_DEADLOCK	-1
#define SVCERR_NOCUSTOMER -2
#define SVCERR_NOORDERS	-3
#define SVCERR_DBLIB	-4

/* Min/Max/Len Data Definitions*/
#define MIN_DID		1
#define MAX_DID		10
#define MIN_OL		5
#define MAX_OL		15
#define MIN_QUANTITY	1
#define MAX_QUANTITY	10
#define MIN_ITEM_ID	1
#define MAX_ITEM_ID	100000
#define MIN_CUST_ID	1
#define MAX_CUST_ID	3000
#define MIN_CARRIER	1
#define MAX_CARRIER	10
#define MIN_THRESHOLD	10
#define MAX_THRESHOLD	20
#define MAX_MSG_SZ	4096 /*Should Be Equal To Net Buf Size*/
#define MAX_DIAG_SZ	2000
#define STATUS_LEN	200
#define NAME_LEN	16
#define ADDR_LEN	20
#define ZIP_LEN	10
#define STATE_LEN	2

/* pTPCC->iStatusId codes*/
#define INVALID_ITEM_ID	1
#define STATUS_OK	0
#define ERR_CMD_UNKNOWN	-10
#define ERRTXT_CMD_UNKNOWN	"Unrecognized Command"
#define ERR_ALREADY_LOGGEDIN	-11
#define ERRTXT_ALREADY_LOGGEDIN	"Already Logged In"
#define ERR_TRID	-12
#define ERRTXT_TRID	"Terminal Id or Worker Id Error"
#define ERR_SCREEN_UNKNOWN	-13
#define ERRTXT_SCREEN_UNKNOWN	"Unrecognized Screen Id"
#define ERR_WID_INVALID	-14
#define ERR_DID_INVALID	-15
#define ERR_MISSING_KEY	-16
#define ERR_NOT_NUMERIC	-17
#define ERR_THRESHOLD_RANGE	-18
#define ERR_EMBEDDED_EMPTY_OL	-19
#define ERR_QUANTITY_INVALID	-20
#define ERR_OL_INVALID	-21
#define ERR_OL_COUNT	-22
#define ERR_TUX_INTERFACE	-23
#define ERR_SERVICE_RSLT	-24
#define ERR_INPUT_TOO_LONG	-25
#define ERR_IDANDNAME_EMPTY	-26
#define ERR_IDANDNAME_ENTERED	-27
#define ERR_AMOUNT_BADFORM	-28
#define ERR_AMOUNT_INVALID	-29
#define ERR_CARRIER_INVALID	-30
#define ERR_CID_INVALID	-31
#define ERR_MANDATORY_FIELD	-32

/* Severity level of diagnostic report */
#define DIAG_FORCE 1
#define DIAG_ERROR 2
#define DIAG_STATE 3
#define DIAG_INFO 4

/* Environment variable defaults */
#define DEFAULTDIAGLEVEL DIAG_INFO
#define DEFAULTEVENTLOG 0
#define DIAGNOSTICS	TRUE
#endif
```

tpccData.h

```
#ifndef __TPCCH__
#define __TPCCH__
#include <atmi.h>		/* TUXEDO */
#include <Uunix.h>		/* TUXEDO */
#include <userlog.h>		/* TUXEDO */

typedef struct
{
 int	iWarehouseId;		/* TPCC WareHouse Id*/
 int	iDistrictId;		/* TPCC District Id*/
 int	iWorkerId;		/* TPCC Worker Thread Id*/
 int	iTerminalId;		/* TPCC Terminal Id*/
 uint	uScreenId;		/* TPCC Screen Id*/
 int	iStatusId;	/* TPCC Status Id*/
 BOOL	bRequestForm;		/* TPCC Form Requested*/
 char	szErrorTxt[200];	/* Error Text*/
 char	szWork[100];		/* Thread Work Area*/
 char	*pTuxInData;		/* Tux Buffer Area*/
 char	*pTuxOutData;		/* Tux Buffer Area*/
 long	lTuxDataLen;		/* Tux Buffer Len*/
 TPINIT *pTpInf;	/* TUXEDO MULTICONTEXT*/
} WORKER;

#endif
```

tpcc.h

```
/***
 *** tpcc.h
 *** (c) 2006 Sun Microsystems, Inc.  All rights reserved.
```

```
***
*** For iWS/Tuxedo client definitions.  Must be in synch
***    with ../vendor/oracle/multi-svrs
***
***/

#ifndef __TPCCH__
#define __TPCCH__
#include <atmi.h>           /* TUXEDO */
#include <Uunix.h>          /* TUXEDO */
#include <userlog.h>        /* TUXEDO */
#include "tpccBool.h"
#include "tpccConst.h"
typedef struct items_inf
{
        int    ol_supply_w_id;
        int    ol_i_id;
        char   ol_i_name[25];
        int    ol_quantity;
        int    ol_stock;
        char   ol_brand_generic[2];
        double ol_i_price;
        double ol_amount;
} ITEMS_INF;
typedef struct newo_inf
{
        int      w_id;
        int      d_id;
        int      c_id;
        int      o_id;
        int      o_ol_cnt;
        double   c_discount;
        double   w_tax;
        double   d_tax;
        char     o_entry_d[20];
        char     c_credit[3];
        char     c_last[17];
        ITEMS_INF o_ol[MAX_OL];
        char     status[25];
        double   total_amount;
} NEWO_INF;
typedef struct pay_inf
{
        int    w_id;
        int    d_id;
        int    c_id;
        int    c_w_id;
        int    c_d_id;
        double h_amount;
        double c_credit_lim;
        double c_balance;
        double c_discount;
        char   h_date[20];
        char   w_street_1[21];
        char   w_street_2[21];
        char   w_city[21];
        char   w_state[3];
        char   w_zip[11];
        char   d_street_1[21];
        char   d_street_2[21];
        char   d_city[21];
        char   d_state[3];
        char   d_zip[11];
        char   c_first[17];
        char   c_middle[3];
        char   c_last[17];
        char   c_street_1[21];
        char   c_street_2[21];
        char   c_city[21];
        char   c_state[3];
        char   c_zip[11];
        char   c_phone[17];
        char   c_since[11];
        char   c_credit[3];
    char   c_data[201];
} PAY_INF;
typedef struct ord_itm_inf
{
        int    ol_supply_w_id;
        int    ol_i_id;
        int    ol_quantity;
        double ol_amount;
        char   ol_delivery_d[11];
} ORD_ITM_INF;
typedef struct ord_inf
{
        int        o_ol_cnt;
        int        w_id;
        int        d_id;
        int        c_id;
        int        o_id;
        int        o_carrier_id;
        double     c_balance;
        char       c_first[17];
        char       c_middle[3];
        char       c_last[17];
        char       o_entry_d[20];
        ORD_ITM_INF s_ol[MAX_OL];
} ORD_INF;
typedef struct del_inf
{
        int  w_id;
        int  o_carrier_id;
        char status[26];
} DEL_INF;
/* Structure used to queue delivery transaction */
typedef struct req_del
{
        int    w_id;
        int    o_carrier_id;
        time_t qtime;      /* Time transaction was queued */
} REQ_DEL;
typedef struct stock_inf
{
        int w_id;
        int d_id;
        int thresh_hold;
        int low_stock;
} STOCK_INF;

typedef struct
{
        unsigned int uiThrId;    /* thread ID */
        int  iWarehouseId;     /* TPCC WareHouse Id*/
        int  iDistrictId;      /* TPCC District Id*/
        int    iWorkerId;        /* TPCC Worker Thread Id*/
        int    iTerminalId;      /* TPCC Terminal Id*/
        uint   uScreenId;        /* TPCC Screen Id*/
        int    iStatusId;        /* TPCC Status Id*/
        BOOL   bRequestForm;     /* TPCC Form Requested*/
        char   szErrorTxt[200];  /* Error Text*/
        char   szWork[100];      /* Thread Work Area*/
        char   szRequestData[16384];
        char   szReturnData[24576];   /* was 16384 */
        char   *pTuxInData;      /* Tux Buffer Area*/
        char   *pTuxOutData;     /* Tux Buffer Area*/
        long   lTuxDataLen;      /* Tux Buffer Len*/
        TPINIT *pTpInf;          /* TUXEDO MULTICONTEXT */
        TPCONTEXT_T tpxContext;  /* Tuxedo Context */
} WORKER;

WORKER *pGlobalWorkerArray;

#endif
```

Multi_svr

ora_errrpt.c

```
/*
 * Copyright (c) 1995 by Sun Microsystems, Inc.
 */

#pragma ident "@(#)ora_errrpt.c 1.1          95/09/14    SMI"

/*
 * these functions actually belong in ~dbbench/generic/c/msgh_log.c.  We put
them
 * here because they have database specific statements.
 */

#include "ora_err.h"
#include "ora_oci.h"

errrpt(lda, cur, sqlvar)
ldadef *lda;
csrdef *cur;
text        *sqlvar;
{
        text msg[2048];
/*      if (cur->rc) { */
                oerhms(lda, (sb2) cur->rc, msg, 2048);
                userlog("%s sql_variable %s\n", msg, sqlvar);
```

```
            if (cur->rc == DEADLOCK || (cur->rc ==
SNAPSHOT_TOO_OLD))
                return(RECOVERR);
            else
                return(IRRECERR);

/*          } */
}

/* vmm313 void ocierror(fname, lineno, errhp, status)  */
int ocierror(fname, lineno, errhp, status)
char *fname;
int lineno;
OCIError *errhp;
sword status;
{
  text errbuf[512];
  ub4 buflen;
  sb4 errcode;
  sb4 lstat ;
  ub4 recno=2 ;

  switch (status) {
  case OCI_SUCCESS:
    break;
  case OCI_SUCCESS_WITH_INFO:
    (void) userlog("Module %s Line %d\n", fname, lineno);
    (void) userlog("Error - OCI_SUCCESS_WITH_INFO\n");
  break;
  case OCI_NEED_DATA:
    (void) userlog("Module %s Line %d\n", fname, lineno);
    (void) userlog("Error - OCI_NEED_DATA\n");
     return (IRRECERR);
  case OCI_NO_DATA:
    /*
      (void) userlog("Module %s Line %d\n", fname, lineno);
      (void) userlog("Error - OCI_NO_DATA\n");
    */
    return IRRECERR;       /* for 8.1.4 */
  break;
  case OCI_ERROR:
    lstat = OCIErrorGet (errhp, (ub4) 1,
              (text *) NULL, &errcode, errbuf,
                (ub4) sizeof(errbuf), OCI_HTYPE_ERR);
            if (errcode == NOT_SERIALIZABLE) return (errcode);
    while (lstat != OCI_NO_DATA)
    {
            (void) userlog("Module %s Line %d\n", fname, lineno);
            (void) userlog("Error - %s\n", errbuf);
            lstat = OCIErrorGet (errhp, recno++, (text *) NULL, &errcode,
errbuf,
                    (ub4) sizeof(errbuf), OCI_HTYPE_ERROR);
    }
    return (errcode);
  break;
  case OCI_INVALID_HANDLE:
    (void) userlog("Module %s Line %d\n", fname, lineno);
    (void) userlog("Error - OCI_INVALID_HANDLE\n");
  break;
  case OCI_STILL_EXECUTING:
    (void) userlog("Module %s Line %d\n", fname, lineno);
    (void) userlog("Error - OCI_STILL_EXECUTE\n");
   return (IRRECERR);
  case OCI_CONTINUE:
    (void) userlog("Module %s Line %d\n", fname, lineno);
    (void) userlog("Error - OCI_CONTINUE\n");
  return (IRRECERR);
  default:
    (void) userlog("Module %s Line %d\n", fname, lineno);
    (void) userlog("Error - \n");
    return (IRRECERR);
  }
  return RECOVERR;
}
```

ora_err.h

```
/*
 * Copyright (c) 1994 by Sun Microsystems, Inc.
 */

#ifndef ORA_ERR_H
#define ORA_ERR_H

#pragma ident "@(#)ora_err.h     1.4          95/09/14    SMI"
/*
 * this kludge is required because Oracle does not provide
 *          symbolic constants in a header file
 */

#define     EDEADLOK          60
#define     SQLNOTFOUND       1403
#define     COLUMN_NULL       -1405
#define     EDUPLICATE        -1
#define     RECOVERR          -10
#define     IRRECERR          -20
#define     NOERR             111
#define     DEL_ERROR         -666
#define     DEL_DATE_LEN      7
#define     SQL_BUF_SIZE      8192

#endif ORA_ERR_H
```

tpcc_srv_del.c

```
/*
 * Copyright (c) 1994 by Sun Microsystems, Inc.
 */

#pragma ident "@(#)tpcso_srv_del.pc          1.5          94/12/07    SMI"

/
*==================================================================
============+
 |      Copyright (c) 1996  Oracle Corp, Redwood Shores, CA      |
 |              OPEN SYSTEMS PERFORMANCE GROUP                   |
 |                  All Rights Reserved                          |
 +==================================================================
============+
 | FILENAME
 |    pldel.c
 | DESCRIPTION
 |    OCI version of DELIVERY transaction in TPC-C benchmark.
 +==================================================================
============*/
#ifndef ORA_TPCC
# define ORA_TPCC
# include "tpcc.h"
#endif

#include <stdlib.h>
#include <unistd.h>
#include <sys/signal.h>
#include <sys/types.h>
#include <sys/ipc.h>
#include <sys/msg.h>
#include <sys/utsname.h>
#include <errno.h>
#include <stdio.h>
/* #include "ora_err.h" */

/* Tuxedo */
#include "atmi.h"
#include "userlog.h"


#define MOVETO(element, struct_name) element = struct_name -> element
#define MOVEBACK(element, struct_name) struct_name -> element =
element

#include "tpccflags.h"

#if defined(ISO) || defined(ISO5) || defined(ISO6) || defined(ISO8)
#define SQLTXT0 "SELECT substr(value,1,5) FROM v$parameter \
   WHERE name = 'instance_number'"
#endif

#define SQLTXT "BEGIN inittpcc.init_del ; END;"

#define SQLTXT1 "DELETE FROM nord WHERE no_d_id = :d_id \
            AND no_w_id = :w_id and rownum <= 1 \
           RETURNING no_o_id into :o_id "

#define SQLTXT3 "UPDATE ordr SET o_carrier_id = :carrier_id \
            WHERE o_id = :o_id and o_d_id = :d_id and o_w_id = :w_id \
            returning o_c_id into :o_c_id"

#define SQLTXT4 "UPDATE ordl \
   SET ol_delivery_d = :cr_date \
   WHERE ol_w_id = :w_id AND ol_d_id = :d_id AND ol_o_id = :o_id \
   RETURNING sum(ol_amount) into :ol_amount "

#define SQLTXT6 "UPDATE cust SET c_balance = c_balance + :amt, \
   c_delivery_cnt = c_delivery_cnt + 1 WHERE c_w_id = :w_id AND \
   c_d_id = :d_id AND c_id = :c_id"
```

```
#define NDISTS 10
#define ROWIDLEN 20


struct delctx {
  sb2 del_o_id_ind[NDISTS];
  sb2 d_id_ind[NDISTS];
  sb2 c_id_ind[NDISTS];
  sb2 del_date_ind[NDISTS];
  sb2 carrier_id_ind[NDISTS];
  sb2 amt_ind[NDISTS];
#if defined(ISO) || defined(ISO5) || defined(ISO6) || defined(ISO8)
  sb2 inum_ind;
#endif

  ub4 del_o_id_len[NDISTS];
  ub4 c_id_len[NDISTS];
  int oid_ctx;
  int cid_ctx;
  OCIBind *olamt_bp;

  ub2 w_id_len[NDISTS];
  ub2 d_id_len[NDISTS];
  ub2 del_date_len[NDISTS];
  ub2 carrier_id_len[NDISTS];
  ub2 amt_len[NDISTS];
#if defined(ISO) || defined(ISO5) || defined(ISO6) || defined(ISO8)
  ub2 inum_len;
#endif

  ub2 del_o_id_rcode[NDISTS];
  ub2 cons_rcode[NDISTS];
  ub2 w_id_rcode[NDISTS];
  ub2 d_id_rcode[NDISTS];
  ub2 c_id_rcode[NDISTS];
  ub2 del_date_rcode[NDISTS];
  ub2 carrier_id_rcode[NDISTS];
  ub2 amt_rcode[NDISTS];
#if defined(ISO) || defined(ISO5) || defined(ISO6) || defined(ISO8)
  ub2 inum_rcode;
#endif

  int del_o_id[NDISTS];
  int del_d_id[NDISTS];
  int cons[NDISTS];
  int w_id[NDISTS];
  int d_id[NDISTS];
  int c_id[NDISTS];
  int carrier_id[NDISTS];
  int amt[NDISTS];
  ub4 del_o_id_rcnt;
  int retry;
  int retry_serial;
  int retry_snapshot;
  OCIRowid *no_rowid_ptr[NDISTS];
  OCIRowid *o_rowid_ptr[NDISTS];
  OCIDate del_date[NDISTS];
#if defined(ISO) || defined(ISO5) || defined(ISO6) || defined(ISO8)
  char inum[10];
#endif
  OCIStmt *curd0;
  OCIStmt *curd1;
  OCIStmt *curd2;
  OCIStmt *curd3;
  OCIStmt *curd4;
  OCIStmt *curd5;
  OCIStmt *curd6;
  OCIStmt *curdtest;

  OCIBind *w_id_bp;
  OCIBind *w_id_bp3;
  OCIBind *w_id_bp4;
  OCIBind *w_id_bp5;
  OCIBind *w_id_bp6;
  OCIBind *d_id_bp;
  OCIBind *d_id_bp3;
  OCIBind *d_id_bp4;
  OCIBind *d_id_bp6;
  OCIBind *o_id_bp;
  OCIBind *cr_date_bp;
  OCIBind *c_id_bp;
  OCIBind *c_id_bp3;
  OCIBind *no_rowid_bp;
  OCIBind *carrier_id_bp;
  OCIBind *o_rowid_bp;
  OCIBind *del_o_id_bp;
  OCIBind *del_o_id_bp3;
  OCIBind *amt_bp;
  OCIBind *bstr1_bp[10];
  OCIBind *bstr2_bp[10];
  OCIBind *retry_bp;
  OCIBind *retry_serial_bp;
  OCIBind *retry_snapshot_bp;
  OCIDefine *inum_dp;
  OCIDefine *d_id_dp;
  OCIDefine *del_o_id_dp;
  OCIDefine *no_rowid_dp;
  OCIDefine *c_id_dp;
  OCIDefine *o_rowid_dp;
  OCIDefine *cons_dp;
  OCIDefine *amt_dp;

  int norow;
};

typedef struct delctx delctx;
struct pldelctx {

  ub2 del_d_id_len[NDISTS];
  ub2 del_o_id_len[NDISTS];


  ub2 w_id_len;
  ub2 d_id_len[NDISTS];
  ub2 o_c_id_len[NDISTS];
  ub2 sums_len[NDISTS];
  ub2 carrier_id_len;
  ub2 ordcnt_len;
  ub2 del_date_len;
#if defined(ISO) || defined(ISO5) || defined(ISO6) || defined(ISO8)
  ub2 inum_len;
#endif

  int del_o_id[NDISTS];
  int del_d_id[NDISTS];
  int o_c_id[NDISTS];
  int sums[NDISTS];
  OCIDate del_date;
  int carrier_id;
  int ordcnt;

  ub4 del_o_id_rcnt;
  ub4 del_d_id_rcnt;
  ub4 o_c_id_rcnt;
  ub4 sums_rcnt;

  int retry;
  int retry_serial;
  int retry_snapshot;
#if defined(ISO) || defined(ISO5) || defined(ISO6) || defined(ISO8)
  char inum[10];
#endif
  OCIStmt *curp1;
  OCIStmt *curp2;
  OCIBind *w_id_bp;
  OCIBind *d_id_bp;
  OCIBind *o_id_bp;
  OCIBind *o_c_id_bp;
  OCIBind *ordcnt_bp;
  OCIBind *sums_bp;
  OCIBind *del_date_bp;
  OCIBind *carrier_id_bp;
  OCIBind *retry_bp;
  OCIBind *retry_serial_bp;
  OCIBind *retry_snapshot_bp;

  int norow;

};
typedef struct pldelctx pldelctx;

static pldelctx *pldctx;


static delctx *dctx;

#ifdef DMLRETDEL
struct amtctx {
  int ol_amt[NITEMS];
  sb2 ol_amt_ind[NITEMS];
  ub4 ol_amt_len[NITEMS];
  ub2 ol_amt_rcode[NITEMS];
  int ol_cnt;
};
```

```
typedef struct amtctx amtctx;
amtctx *actx;

#endif

/* Global variables for delivery transaction */

static int w_id;
static int o_carrier_id;

/*static struct msgh_req message;*/        /* Transaction message */
int my_qid, my_id;
char my_name[] = "Del";

static int tx_count = 0;                /* Transaction counter */
static FILE *delfile;
OCIDate cr_date;
int del_o_id[10];
int retries;
int retries_serial;
int retries_recoverr;
int retries_snapshot;

struct msgh_req message;

static char outbuf[2048];      /* Buffer for results file */



#ifdef DMLRETDEL
sb4 no_data(dvoid *ctxp, OCIBind *bp, ub4 iter, ub4 index,
            dvoid **bufpp, ub4 *alenp, ub1 *piecep,
            dvoid **indpp)
{
  *bufpp = (dvoid*)0;
  *alenp =0;
  *indpp = (dvoid*)0;
  *piecep =OCI_ONE_PIECE;
  return (OCI_CONTINUE);
}


sb4 TPC_oid_data(dvoid *ctxp, OCIBind *bp, ub4 iter, ub4 index,
            dvoid **bufpp, ub4 **alenp, ub1 *piecep,
            dvoid **indpp, ub2 **rcodepp)
{
  *bufpp = &dctx->del_o_id[iter];
  *indpp= &dctx->del_o_id_ind[iter];
  dctx->del_o_id_len[iter]=sizeof(dctx->del_o_id[0]);
  *alenp= &dctx->del_o_id_len[iter];
  *rcodepp = &dctx->del_o_id_rcode[iter];
  *piecep =OCI_ONE_PIECE;
  return (OCI_CONTINUE);
}
sb4 cid_data(dvoid *ctxp, OCIBind *bp, ub4 iter, ub4 index,
            dvoid **bufpp, ub4 **alenp, ub1 *piecep,
            dvoid **indpp, ub2 **rcodepp)
{
  *bufpp = &dctx->c_id[iter];
  *indpp= &dctx->c_id_ind[iter];
  dctx->c_id_len[iter]=sizeof(dctx->c_id[0]);
  *alenp= &dctx->c_id_len[iter];
  *rcodepp = &dctx->c_id_rcode[iter];
  *piecep =OCI_ONE_PIECE;
  return (OCI_CONTINUE);
}


sb4 amt_data(dvoid *ctxp, OCIBind *bp, ub4 iter, ub4 index,
            dvoid **bufpp, ub4 **alenp, ub1 *piecep,
            dvoid **indpp, ub2 **rcodepp)
{
  amtctx *actx;
  actx =(amtctx*)ctxp;
  *bufpp = &actx->ol_amt[index];
  *indpp= &actx->ol_amt_ind[index];
  actx->ol_amt_len[index]=sizeof(actx->ol_amt[0]);
  *alenp= &actx->ol_amt_len[index];
  *rcodepp = &actx->ol_amt_rcode[index];
  *piecep =OCI_ONE_PIECE;
  return (OCI_CONTINUE);
}

#endif


int get_del_tx_cnt()
{
            return tx_count;
}

static int proc_no ;

int plsqlflag = 1;

int init_del_tx()
{
/****************************
 * BEGIN BLOCK OF COMMON CODE
 ****************************/

  text  stmbuf[SQL_BUF_SIZE];

  /* For all servers - common routine to open/init  session etc. */
  TPCinit();



  if (plsqlflag)
  {
    pldctx = (pldelctx *) malloc (sizeof(pldelctx));
    DISCARD memset(pldctx,(char)0,(ub4)sizeof(pldelctx));
    /* Initialize */
    DISCARD OCIHandleAlloc(tpcenv, (dvoid**)&pldctx->curp1,
OCI_HTYPE_STMT, 0,
                (dvoid**)0);
    DISCARD sprintf ((char *) stmbuf, SQLTXT);
    DISCARD OCIStmtPrepare(pldctx->curp1, errhp, stmbuf,
                (ub4) strlen((char *)stmbuf),
            OCI_NTV_SYNTAX, OCI_DEFAULT);
    DISCARD OCIERROR(errhp,
      OCIStmtExecute(tpcsvc,pldctx->curp1,errhp,1,0,NULLP(OCISnapshot),
            NULLP(OCISnapshot), OCI_DEFAULT));


    DISCARD OCIHandleAlloc(tpcenv,(dvoid**) &pldctx->curp2,
OCI_HTYPE_STMT,
            0, (dvoid**)0);
    sqlfile("tkvcpdel.sql",stmbuf);
    DISCARD OCIStmtPrepare(pldctx->curp2, errhp, stmbuf,
            (ub4)strlen((char *)stmbuf), OCI_NTV_SYNTAX,
OCI_DEFAULT);
    OCIBNDPL(pldctx->curp2, pldctx->w_id_bp , errhp,":w_id",
        ADR(w_id), SIZ(int), SQLT_INT,&pldctx->w_id_len);
    OCIBNDPL(pldctx->curp2, pldctx->ordcnt_bp , errhp,":ordcnt",
        ADR(pldctx->ordcnt), SIZ(int), SQLT_INT,&pldctx->ordcnt_len);
    OCIBNDPL(pldctx->curp2, pldctx->del_date_bp,errhp,":now",
        ADR(pldctx->del_date), SIZ(OCIDate), SQLT_ODT,&pldctx-
>del_date_len);
    OCIBNDPL(pldctx->curp2, pldctx->carrier_id_bp , errhp,
        ":carrier_id", ADR(o_carrier_id), SIZ(int),
        SQLT_INT, &pldctx->carrier_id_len);

    OCIBNDPLA(pldctx->curp2, pldctx->d_id_bp, errhp,":d_id",
        pldctx->del_d_id, SIZ(int),SQLT_INT, pldctx->del_d_id_len,
        NDISTS, &pldctx->del_d_id_rcnt);
    OCIBNDPLA(pldctx->curp2, pldctx->o_id_bp, errhp,":order_id",
        pldctx->del_o_id,SIZ(int),SQLT_INT, pldctx-
>del_o_id_len,NDISTS,
        &pldctx->del_o_id_rcnt);
    OCIBNDPLA(pldctx->curp2, pldctx->sums_bp, errhp,"sums",
        pldctx->sums,SIZ(int),SQLT_INT, pldctx->sums_len,NDISTS,
        &pldctx->sums_rcnt);
    OCIBNDPLA(pldctx->curp2, pldctx->o_c_id_bp, errhp,":o_c_id",
        pldctx->o_c_id,SIZ(int),SQLT_INT, pldctx->o_c_id_len,NDISTS,
        &pldctx->o_c_id_rcnt);
    OCIBND(pldctx->curp2, pldctx->retry_bp , errhp,":retry",
        ADR(pldctx->retry), SIZ(int),SQLT_INT);

  }
  else
  {

    dctx = (delctx *) malloc (sizeof(delctx));
    memset(dctx,(char)0,sizeof(delctx));
    dctx->norow = 0;
    actx = (amtctx *) malloc (sizeof(amtctx));
    memset(actx,(char)0,sizeof(amtctx));

#if defined(ISO) || defined(ISO5) || defined(ISO6) || defined(ISO8)
    OCIHandleAlloc(tpcenv, (dvoid **)(&dctx->curd0), OCI_HTYPE_STMT,
0,
            (dvoid**)0);
    sprintf ((char *) stmbuf, SQLTXT0);
```

```
   OCIStmtPrepare(dctx->curd0, errhp, stmbuf, strlen((char *)stmbuf),
            OCI_NTV_SYNTAX, OCI_DEFAULT);

   OCIDFNRA(dctx->curd0, dctx->inum_dp,errhp,1,dctx->inum,SIZ(dctx-
>inum),
         SQLT_STR,&(dctx->inum_ind),&(dctx->inum_len),&(dctx-
>inum_rcode));
#endif

/* If PLSQLDEL and ISO? are both defined, then they both try to use
  curd0! This could cause a problem. Will try to fix later - VMM 12/30/97 */

   OCIHandleAlloc(tpcenv, (dvoid **)(&dctx->curd1), OCI_HTYPE_STMT,
0,
            (dvoid**)0);
   DISCARD sprintf ((char *) stmbuf, "%s",    SQLTXT1);
   DISCARD OCIStmtPrepare(dctx->curd1, errhp, stmbuf,
               strlen((char *)stmbuf),OCI_NTV_SYNTAX, OCI_DEFAULT);

   OCIBND(dctx->curd1, dctx->w_id_bp,errhp,":w_id",dctx->w_id,SIZ(int),
      SQLT_INT);
   OCIBNDRA(dctx->curd1, dctx->d_id_bp,errhp,":d_id",dctx-
>d_id,SIZ(int),
      SQLT_INT,NULL,NULL,NULL);

   OCIBNDRAD(dctx->curd1, dctx->del_o_id_bp, errhp, ":o_id",
         SIZ(int),SQLT_INT,NULL,
         &dctx->oid_ctx,no_data,TPC_oid_data);

  /* open third cursor */

   DISCARD OCIHandleAlloc(tpcenv, (dvoid **)(&dctx->curd3),
OCI_HTYPE_STMT,
                  0, (dvoid**)0);
   DISCARD sprintf ((char *) stmbuf, SQLTXT3);
   DISCARD OCIStmtPrepare(dctx->curd3, errhp, stmbuf, strlen((char
*)stmbuf),
                  OCI_NTV_SYNTAX, OCI_DEFAULT);


  /* bind variables */

   OCIBNDRA(dctx->curd3, dctx->carrier_id_bp,errhp,":carrier_id",
         dctx->carrier_id, SIZ(dctx->carrier_id[0]),SQLT_INT,
        dctx->carrier_id_ind, dctx->carrier_id_len,dctx->carrier_id_rcode);

   OCIBNDRA(dctx->curd3, dctx->w_id_bp3, errhp, ":w_id", dctx-
>w_id,SIZ(int),
         SQLT_INT, NULL, NULL, NULL);
   OCIBNDRA(dctx->curd3, dctx->d_id_bp3, errhp, ":d_id", dctx-
>d_id,SIZ(int),
         SQLT_INT,NULL, NULL, NULL);
   OCIBNDRA(dctx->curd3, dctx->del_o_id_bp3, errhp, ":o_id", dctx-
>del_o_id,
         SIZ(int), SQLT_INT,NULL,NULL,NULL);
   OCIBNDRAD(dctx->curd3, dctx->c_id_bp3, errhp, ":o_c_id", SIZ(int),
         SQLT_INT,NULL,&dctx->cid_ctx,no_data, cid_data);

  /* open fourth cursor */

   DISCARD OCIHandleAlloc(tpcenv, (dvoid **)(&dctx->curd4),
OCI_HTYPE_STMT, 0,
            (dvoid**)0);
   DISCARD sprintf ((char *) stmbuf, SQLTXT4);
   DISCARD OCIStmtPrepare(dctx->curd4, errhp, stmbuf, strlen((char
*)stmbuf),
                  OCI_NTV_SYNTAX, OCI_DEFAULT);

  /* bind variables */

   OCIBND(dctx->curd4, dctx->w_id_bp4,errhp,":w_id",dctx->w_id,
      SIZ(int), SQLT_INT);
   OCIBND(dctx->curd4, dctx->d_id_bp4,errhp,":d_id",dctx->d_id,
      SIZ(int), SQLT_INT);
   OCIBND(dctx->curd4, dctx->o_id_bp,errhp,":o_id",dctx->del_o_id,
      SIZ(int),SQLT_INT);
   OCIBND(dctx->curd4, dctx->cr_date_bp,errhp,":cr_date", dctx->del_date,
      SIZ(OCIDate), SQLT_ODT);
   OCIBNDRAD(dctx->curd4, dctx->olamt_bp, errhp, ":ol_amount",
      SIZ(int), SQLT_INT,NULL, actx,no_data,amt_data);

  /* open sixth cursor */

   DISCARD OCIHandleAlloc(tpcenv, (dvoid **)(&dctx->curd6),
OCI_HTYPE_STMT,
                  0, (dvoid**)0);
   DISCARD sprintf ((char *) stmbuf, SQLTXT6);
   DISCARD OCIStmtPrepare(dctx->curd6, errhp, stmbuf, strlen((char
*)stmbuf),
                  OCI_NTV_SYNTAX, OCI_DEFAULT);

  /* bind variables */

   OCIBND(dctx->curd6,dctx->amt_bp,errhp,":amt",dctx->amt,SIZ(int),
      SQLT_INT);
   OCIBND(dctx->curd6,dctx->w_id_bp6,errhp,":w_id",dctx-
>w_id,SIZ(int),
      SQLT_INT);
   OCIBND(dctx->curd6,dctx->d_id_bp6,errhp,":d_id",dctx->d_id,SIZ(int),
      SQLT_INT);
   OCIBND(dctx->curd6,dctx->c_id_bp,errhp,":c_id",dctx->c_id,SIZ(int),
      SQLT_INT);
  }
/****************************
 * END BLOCK OF COMMON CODE
 ****************************/

  /*proc_stat_msg("init_del_tx()\n");
  proc_stat(); */

  return(0);
}

void shiftdata(int from)
{
  int i;
  for (i=from;i<NDISTS-1; i++)
  {
   dctx->del_o_id_ind[i] = dctx->del_o_id_ind[i+1];
   dctx->del_o_id[i] = dctx->del_o_id[i+1];
   dctx->w_id[i] = dctx->w_id[i+1];
   dctx->d_id[i] = dctx->d_id[i+1];
   dctx->carrier_id[i] = dctx->carrier_id[i+1];
  }
}

/* Structure used to queue delivery transaction */
struct req_struct {
  int w_id;
  int o_carrier_id;
  time_t qtime;          /* Time transaction was queued */
 } ;

int delivery_tx(TPSVCINFO *rqst)
{ /*dt */
  int i, j,v;
  int invalid;
  int tmp_id;
  int rpc, rcount, errcode, execstatus;
  int count ;
  time_t etime;
  struct timeval tv;


  /* float tmp_amt; changed form float to int */
  int tmp_amt;
  int del_o_id[10];
  ub4 attr_size;

  int        len;
  int        retries=0, err = 0;

  struct req_struct *delp;
     delp = (struct req_struct *)(rqst->data);

/****************************
 * BEGIN BLOCK OF COMMON CODE
 ****************************/

  /*int rpc, rcount, errcode, execstatus;*/
            MOVETO(w_id, delp);
            MOVETO(o_carrier_id, delp);
  /*
     vgetdate(cr_date); */

  OCIERROR(errhp,OCIDateSysDate(errhp,&cr_date));

  tx_count++;

  sprintf(outbuf, "Starting transaction %d queued at %ld\n",
```

```
            tx_count, delp->qtime);



#if defined(ISO) || defined(ISO5) || defined(ISO6) || defined(ISO8)
  int hasno;
  int reread;
  char sdate[30];

  OCIStmtExecute(tpcsvc,dctx->curd0,errhp,1,0,0,0,OCI_DEFAULT);
  sysdate (sdate);
  printf ("Delivery started at %s on node %s\n", sdate, dctx->inum);
#endif
  if (plsqlflag)
  {

    pldctx->w_id_len = sizeof (int);
    pldctx->carrier_id_len = sizeof (int);
    for (i = 0; i < NDISTS; i++)
    {
      pldctx->del_o_id_len[i] = sizeof(int);
      del_o_id[i] = 0;
    }
    pldctx->del_date_len = DEL_DATE_LEN;
    DISCARD memcpy(&pldctx->del_date,&cr_date,sizeof(OCIDate));

    pldctx->retry=0;
    pldctx->retry_serial=0;
    pldctx->retry_snapshot=0;

    DISCARD OCIERROR(errhp,
      OCIStmtExecute(tpcsvc,pldctx->curp2,errhp,1,0,NULLP(CONST
OCISnapshot),
                NULLP(OCISnapshot),OCI_DEFAULT));
    for (i = 0; i < NDISTS; i++)
    {
      del_o_id[i] = 0;
    }
    for (i = 0; i < pldctx->del_o_id_rcnt; i++)
      del_o_id[pldctx->del_d_id[i] - 1] = pldctx->del_o_id[i];
  }
  else
  {

retry:

#if defined(ISO) || defined(ISO5) || defined(ISO6) || defined(ISO8)
    reread = 1;
#endif

#if defined(ISO) || defined(ISO5) || defined(ISO6) || defined(ISO8)
iso:
#endif

    invalid = 0;

  /* initialization for array operations */
```

```
    for (i = 0; i < NDISTS; i++)
    {/*F*/
      dctx->del_o_id_ind[i] = TRUE;
      dctx->d_id_ind[i] = TRUE;
      dctx->c_id_ind[i] = TRUE;
      dctx->del_date_ind[i] = TRUE;
      dctx->carrier_id_ind[i] = TRUE;
      dctx->amt_ind[i] = TRUE;

      dctx->del_o_id_len[i] = SIZ(dctx->del_o_id[0]);
      dctx->w_id_len[i] = SIZ(dctx->w_id[0]);
      dctx->d_id_len[i] = SIZ(dctx->d_id[0]);
      dctx->c_id_len[i] = SIZ(dctx->c_id[0]);
      dctx->del_date_len[i] = DEL_DATE_LEN;
      dctx->carrier_id_len[i] = SIZ(dctx->carrier_id[0]);
      dctx->amt_len[i] = SIZ(dctx->amt[0]);

      dctx->w_id[i] = w_id;
      dctx->d_id[i] = i+1;
      dctx->carrier_id[i] = o_carrier_id;
      memcpy(&dctx->del_date[i],&cr_date,sizeof(OCIDate));
    }

    memset(actx,(char)0,sizeof(amtctx));

  /* array select from new_order and orders tables */

    execstatus=OCIStmtExecute(tpcsvc,dctx->curd1,errhp,NDISTS,0,
            NULLP(CONST
OCISnapshot),NULLP(OCISnapshot),OCI_DEFAULT);
    if((execstatus != OCI_SUCCESS) && (execstatus != OCI_NO_DATA))
    {
      DISCARD OCITransRollback(tpcsvc,errhp,OCI_DEFAULT);
      errcode = OCIERROR(errhp,execstatus);
      if(errcode == NOT_SERIALIZABLE)
      {
        retries++;
              retries_serial++;
        goto retry;
      }
      else if (errcode == RECOVERR)
      {
        retries++;
              retries_recoverr++;
        goto retry;
      }
      else if (errcode == SNAPSHOT_TOO_OLD)
      {
        retries++;
              retries_snapshot++;
        goto retry;
      }
      else
      {
        return -1;
      }
    }
```

```
    /* mark districts with no new order */
    DISCARD OCIAttrGet(dctx-
>curd1,OCI_HTYPE_STMT,&rcount,NULLP(ub4),
            OCI_ATTR_ROW_COUNT,errhp);
    rpc = rcount;
    if (rcount != NDISTS )
    {
      int j = 0;
      for (i=0;i < NDISTS; i++)
      {
        if (dctx->del_o_id_ind[j] == 0) /* there is data here */
          j++;
        else
          shiftdata(j);
      }
    }

    execstatus=OCIStmtExecute(tpcsvc,dctx->curd3,errhp,rpc,0,
            NULLP(CONST
OCISnapshot),NULLP(OCISnapshot),OCI_DEFAULT);
    if(execstatus != OCI_SUCCESS)
    {
      DISCARD OCITransRollback(tpcsvc,errhp,OCI_DEFAULT);
      errcode = OCIERROR(errhp,execstatus);
      if(errcode == NOT_SERIALIZABLE)
      {
        retries++;
              retries_serial++;
        goto retry;
      }
      else if (errcode == RECOVERR)
      {
        retries++;
              retries_recoverr++;
        goto retry;
      }
      else if (errcode == SNAPSHOT_TOO_OLD)
      {
        retries++;
              retries_snapshot++;
        goto retry;
      }
      else
      {
        return -1;
      }
    }

    DISCARD OCIAttrGet(dctx-
>curd3,OCI_HTYPE_STMT,&rcount,NULLP(ub4),
            OCI_ATTR_ROW_COUNT,errhp);

    if (rcount != rpc)
    {
#ifdef TUX
      userlog ("Error in TPC-C server %d: %d rows selected, %d ords
updated\n",
            proc_no, rpc, rcount);
```

```
#else
      DISCARD fprintf (stderr,
            "Error in TPC-C server %d: %d rows selected, %d ords updated\n",
            proc_no, rpc, rcount);
#endif
      DISCARD OCITransRollback(tpcsvc,errhp,OCI_DEFAULT);
      return (-1);
    }

    /* array update of order_line table */
    execstatus=OCIStmtExecute(tpcsvc,dctx->curd4,errhp,rpc,0,
              NULLP(CONST
OCISnapshot),NULLP(OCISnapshot),OCI_DEFAULT);
    if(execstatus != OCI_SUCCESS)
    {
      DISCARD OCITransRollback(tpcsvc,errhp,OCI_DEFAULT);
      errcode = OCIERROR(errhp,execstatus);
      if(errcode == NOT_SERIALIZABLE)
      {
        retries++;
              retries_serial++;
        goto retry;
      }
      else if (errcode == RECOVERR)
      {
        retries++;
              retries_recoverr++;
        goto retry;
      }
      else if (errcode == SNAPSHOT_TOO_OLD)
      {
        retries++;
              retries_snapshot++;
        goto retry;
      }
      else
      {
        return -1;
      }
    }
    DISCARD OCIAttrGet(dctx-
>curd4,OCI_HTYPE_STMT,&rcount,NULLP(ub4),
          OCI_ATTR_ROW_COUNT,errhp);
/* transfer amounts  */
    for (i=0;i<rpc;i++)
    {
      dctx->amt[i]=0;
        if ( actx->ol_amt_rcode[i] == 0)
        {
          dctx->amt[i] = actx->ol_amt[i];
        }
    }
#if defined(ISO5) || defined(ISO6)
    printf ("d_id:amount\n");
    for (i = 0; i < rpc; i++)
      printf ("%d:%.2f ", dctx->d_id[i], (float)dctx->amt[i]/100);
    printf ("\n");
#endif

    /* array update of customer table */
#if defined(ISO5) || defined (ISO6)
    execstatus=OCIStmtExecute(tpcsvc,dctx->curd6,errhp,rpc,0,0,0,
                                                    OCI_DEFAULT);
#else
    execstatus=OCIStmtExecute(tpcsvc,dctx->curd6,errhp,rpc,0,
              NULLP(CONST OCISnapshot),NULLP(OCISnapshot),
              OCI_COMMIT_ON_SUCCESS | OCI_DEFAULT);
#endif

    if(execstatus != OCI_SUCCESS)
    {
      OCITransRollback(tpcsvc,errhp,OCI_DEFAULT);
      errcode = OCIERROR(errhp,execstatus);
      if(errcode == NOT_SERIALIZABLE)
      {
        retries++;
              retries_serial++;
        goto retry;
      }
      else if (errcode == RECOVERR)
      {
        retries++;
              retries_recoverr++;
        goto retry;
      }
      else if (errcode == SNAPSHOT_TOO_OLD)
      {
        retries++;
              retries_snapshot++;
        goto retry;
      }
      else
      {
        return -1;
      }
    }

    DISCARD OCIAttrGet(dctx-
>curd6,OCI_HTYPE_STMT,&rcount,NULLP(ub4),
              OCI_ATTR_ROW_COUNT,errhp);

    if (rcount != rpc) {
#ifdef TUX
      userlog ("Error in TPC-C server %d: %d rows selected, %d cust
updated\n",
            proc_no, rpc, rcount);
#else
      DISCARD fprintf (stderr,
            "Error in TPC-C server %d: %d rows selected, %d cust updated\n",
            proc_no, rpc, rcount);
#endif
      DISCARD OCITransRollback(tpcsvc, errhp, OCI_DEFAULT);
      return (-1);
    }

  /* return o_id's in district id order */
  for (i = 0; i < NDISTS; i++)
    del_o_id[i] = 0;
  for (i = 0; i < rpc; i++)
    del_o_id[dctx->d_id[i] - 1] = dctx->del_o_id[i];

  }

  for (i = 0; i < 10; i++) {
              if (del_o_id[i] == 0) {
                        /* No order found for this district */
                                  sprintf(outbuf+strlen(outbuf),
                                  "Delivery for District %d skipped\n", i+1);
              }
              else {
              sprintf(outbuf+strlen(outbuf),
                "Delivered order %d for district %d, warehouse %d, carrier
%d\n",
                                  del_o_id[i], i+1, w_id, o_carrier_id);
              }
    }
    (void)gettimeofday(&tv, NULL); /* convert to msec */
    etime = (tv.tv_sec * 1000) + (tv.tv_usec / 1000);
    sprintf(outbuf+strlen(outbuf), "Transaction completed at %ld Retries %d
%d %d %d\n",
    etime,retries, retries_serial,retries_recoverr, retries_snapshot);
    fwrite(outbuf, strlen(outbuf), 1, delfile);
    fflush(delfile);

/****************************
 * END BLOCK OF COMMON CODE
 ****************************/
            return(0);
}


void cleanup(int code)
{
  if (dctx)
    free (dctx);

#if defined(ISO) || defined(ISO5) || defined(ISO6) || defined(ISO8)
  OCIHandleFree((dvoid *)dctx->curd0,OCI_HTYPE_STMT);
#endif
  OCIHandleFree((dvoid *)dctx->curd1,OCI_HTYPE_STMT);
  OCIHandleFree((dvoid *)dctx->curd2,OCI_HTYPE_STMT);
  OCIHandleFree((dvoid *)dctx->curd3,OCI_HTYPE_STMT);
  OCIHandleFree((dvoid *)dctx->curd4,OCI_HTYPE_STMT);
  OCIHandleFree((dvoid *)dctx->curd5,OCI_HTYPE_STMT);
  OCIHandleFree((dvoid *)dctx->curd6,OCI_HTYPE_STMT);

  /* log off */

  OCIHandleFree((dvoid *)tpcusr, OCI_HTYPE_SESSION);
  OCIHandleFree((dvoid *)tpcsvc, OCI_HTYPE_SVCCTX);
  OCIHandleFree((dvoid *)errhp, OCI_HTYPE_ERROR);
  OCIHandleFree((dvoid *)tpcsrv, OCI_HTYPE_SERVER);
  OCIHandleFree((dvoid *)tpcenv, OCI_HTYPE_ENV);
```

```
   exit(code);
}

/* Tuxedo */
int tpsvrinit(int argc, char **argv)
{
       char *p;
       char filename[200];
       int proc_no, count;
       struct utsname name;
       if ((p = getenv("CLNT_HOST")) == (char *)NULL) {
              userlog("CLNT_HOST environment variable not set - use same
name as for an rsh i.e. X64_0\n");
              exit(1);
       }

       proc_no = atoi(argv[optind]);   /* Needs argument which is the proc_no
*/

       /* Get hostname of our machine  and create results file */
       /* uname( &name); */
              /*      strcpy(filename, p); */

      /* sprintf(filename, "/tmp/%s.del%d", name.nodename, proc_no); */
        sprintf(filename, "/tmp/%s.del%d", p, proc_no);

       delfile = fopen(filename, "w");
       if (delfile == NULL) {
              userlog("Cannot create file %s\n", filename);
       }
       return(init_del_tx());         /* Prepare transaction */
}

void tpsvrdone()
{
       fclose(delfile);       /* Close results file */
}

int DEL(TPSVCINFO *rqst)
{
       if (delivery_tx(rqst))
              tpreturn(TPFAIL, 0, rqst->data, sizeof(struct req_struct), 0);
              else
              tpreturn(TPSUCCESS, 0, rqst->data, sizeof(struct req_struct), 0);
}
```

tpcc_srv_init.c

```
/*
 * Copyright (c) 1994 by Sun Microsystems, Inc.
 */

#pragma ident "@(#)tpcso_srv_stock.c         1.6          95/04/12    SMI"

/
*=============================================================
============+
 |      Copyright (c) 1994  Oracle Corp, Redwood Shores, CA       |
 |                OPEN SYSTEMS PERFORMANCE GROUP                 |
 |                    All Rights Reserved                        |
 +=============================================================
============+
 | FILENAME
 |    renamed to tpcc_srv_init.c
 | DESCRIPTION
 |    OCI for opening connect/session  in TPC-C benchmark.
 +=============================================================
============*/

/* #include "ora_oci.h" */
#ifndef ORA_TPCC
# define ORA_TPCC
# include "tpcc.h"
#endif

#include <stdlib.h>
#include <unistd.h>
#include <signal.h>
#include <stdio.h>
#include <sys/types.h>
#include <sys/ipc.h>
#include <sys/msg.h>
/* #include "./ora_err.h"  *
/* Tuxedo */
#include "atmi.h"
#include "userlog.h"

OCIEnv *tpcenv;
OCIServer *tpcsrv;
OCIError *errhp;
OCISvcCtx *tpcsvc;
OCISession *tpcusr;
OCIStmt *curi;

char *uid = "tpcc";
char *pwd = "tpcc";

#define SQLTXT "alter session set isolation_level = serializable"

/*
 * Initialize the environment, err-handle, attach, open session,
 *  alter session to serializable.  Common for all 5 TX.
 */

int status, execstatus, errcode;

int TPCinit()
{


  int i;
  text stmbuf[16*1024];

  /* common to all 5 */
   OCIInitialize(OCI_DEFAULT|OCI_OBJECT,(dvoid *)0,0,0,0);
   OCIEnvInit(&tpcenv, OCI_DEFAULT, 0, (dvoid **)0);
   OCIHandleAlloc((dvoid *)tpcenv, (dvoid **)&tpcsrv,
OCI_HTYPE_SERVER, 0 , (dvoid **)0);
   OCIHandleAlloc((dvoid *)tpcenv, (dvoid **)&errhp,
OCI_HTYPE_ERROR, 0 , (dvoid **)0);
   OCIHandleAlloc((dvoid *)tpcenv, (dvoid **)&tpcsvc,
OCI_HTYPE_SVCCTX, 0 , (dvoid **)0);
   OCIServerAttach(tpcsrv, errhp, (text *)0,0,OCI_DEFAULT);
   OCIAttrSet((dvoid *)tpcsvc, OCI_HTYPE_SVCCTX, (dvoid *)tpcsrv,
(ub4)0,OCI_ATTR_SERVER, errhp);
   OCIHandleAlloc((dvoid *)tpcenv, (dvoid **)&tpcusr,
OCI_HTYPE_SESSION, 0 , (dvoid **)0);
   OCIAttrSet((dvoid *)tpcusr, OCI_HTYPE_SESSION, (dvoid *)uid,
(ub4)strlen(uid),OCI_ATTR_USERNAME, errhp);
   OCIAttrSet((dvoid *)tpcusr, OCI_HTYPE_SESSION, (dvoid *)pwd,
(ub4)strlen(pwd),
                 OCI_ATTR_PASSWORD, errhp);
fprintf(stderr, "%d] Now call SessionBegin UID=%s PWD=%s\n", getpid(),
uid, pwd);

   OCIERROR(errhp, OCISessionBegin(tpcsvc, errhp, tpcusr,
OCI_CRED_RDBMS, OCI_DEFAULT));

   OCIAttrSet(tpcsvc, OCI_HTYPE_SVCCTX, tpcusr, 0,
OCI_ATTR_SESSION, errhp);

   /* run all transaction in serializable mode */

   OCIHandleAlloc(tpcenv, (dvoid **)&curi, OCI_HTYPE_STMT, 0,
(dvoid**)0);
   sprintf ((char *) stmbuf, SQLTXT);
   OCIStmtPrepare(curi, errhp, stmbuf, strlen((char *)stmbuf),
OCI_NTV_SYNTAX, OCI_DEFAULT);
   OCIERROR(errhp,OCIStmtExecute(tpcsvc, curi,
errhp,1,0,0,0,OCI_DEFAULT));
   OCIHandleFree(curi, OCI_HTYPE_STMT);
   /* end common ---- */

   return(0);
}
```

tpcc_srv_util.c

```
/*
 * Copyright (c) 1995 by Sun Microsystems, Inc.
 */

#pragma ident "@(#)tpcso_srv_util.c          1.17          97/01/02    SMI"

/
*=============================================================
============+
 |      Copyright (c) 1995  Oracle Corp, Redwood Shores, CA       |
 |                OPEN SYSTEMS PERFORMANCE GROUP                 |
 |                    All Rights Reserved                        |
 +=============================================================
============*/
/* Common utility functions used by all tpcso_srv* programs */

#include <stdio.h>
#include <stdlib.h>
```

```
#include <sys/types.h>
#include <sys/file.h>

#include "ora_oci.h"
#include "ora_err.h"

FILE  *vopen(fnam,mode)
char  *fnam;
char  *mode;
{
FILE *fd;

#ifdef  DEBUG
  fprintf(stderr, "tkvuopen() fnam: %s,   mode: %s\n", fnam, mode);
#endif

    fd = fopen((char *)fnam,(char *)mode);
    if (!fd){
        fprintf(stderr," fopen on %s failed %d\n",fnam,fd);
        exit(-1);
    }
    return(fd);
}

/*
int sqlfile(fnam,linebuf)
char   *fnam;
text   *linebuf;
*/
int sqlfile (char  *fnam, text *linebuf)
{
FILE *fd;
int nulpt = 0;

#ifdef  DEBUG
  fprintf(stderr, "sqlfile() fnam: %s,  linebuf: %#x\n", fnam, linebuf);
#endif

    fd = vopen(fnam,"r");
    while (fgets((char *)linebuf+nulpt, SQL_BUF_SIZE,fd))
    {
        nulpt = strlen((char *)linebuf);
    }
    return(nulpt);
}


void vgetdate (unsigned char *oradt)
{
 struct tm *loctime;
 time_t  int_time;

 struct ORADATE {
 unsigned char          century;
 unsigned char          year;
 unsigned char          month;
 unsigned char          day;
 unsigned char          hour;
 unsigned char          minute;
 unsigned char          second;
 } Date;
int century;
int cnvrtOK;

/* assume convert is successful */
cnvrtOK = 1;

/* get the current date and time as an integer */
time( &int_time);

/* Convert the current date and time into local time */
loctime = localtime( &int_time);

century = (1900+loctime->tm_year) / 100;

Date.century = (unsigned char)(century + 100);
if (Date.century < 119 || Date.century > 120) cnvrtOK = 0;
Date.year  = (unsigned char)(loctime->tm_year+100);
if (Date.year < 100 || Date.year > 199) cnvrtOK = 0;
Date.month = (unsigned char)(loctime->tm_mon + 1);
if (Date.month < 1 || Date.month > 12) cnvrtOK = 0;
Date.day   = (unsigned char)loctime->tm_mday;
if (Date.day < 1 || Date.day > 31) cnvrtOK = 0;
Date.hour  = (unsigned char)(loctime->tm_hour + 1);
if (Date.hour < 1 || Date.hour > 24) cnvrtOK = 0;
Date.minute= (unsigned char)(loctime->tm_min + 1);
if (Date.minute < 1 || Date.minute > 60) cnvrtOK = 0;
Date.second= (unsigned char)(loctime->tm_sec + 1);
if (Date.second < 1 || Date.second > 60) cnvrtOK = 0;


if (cnvrtOK)
  memcpy(oradt,&Date,7);
  else
    *oradt = '\0';

 return;

}


void cvtdmy (unsigned char *oradt, char *outdate)
{

        struct ORADATE {
                unsigned char   century;
                unsigned char   year;
                unsigned char   month;
                unsigned char   day;
                unsigned char   hour;
                unsigned char   minute;
                unsigned char   second;
        } Date;


        int day,month,year;

        memcpy(&Date,oradt,7);

        year = (Date.century-100)*100 + Date.year-100;
        month = Date.month;
        day = Date.day;
        sprintf(outdate,"%02d-%02d-%4d",day,month,year);

        return;
}

void cvtdmyhms (unsigned char *oradt, char *outdate)
{

        struct ORADATE {
                unsigned char   century;
                unsigned char   year;
                unsigned char   month;
                unsigned char   day;
                unsigned char   hour;
                unsigned char   minute;
                unsigned char   second;
        } Date;


        int day,month,year;
        int hour,min,sec;

        memcpy(&Date,oradt,7);

        year = (Date.century-100)*100 + Date.year-100;
        month = Date.month;
        day = Date.day;
        hour = Date.hour - 1;
        min = Date.minute - 1;
        sec = Date.second - 1;

        sprintf(outdate,"%02d-%02d-%4d %02d:%02d:%02d",
                day,month,year,hour,min,sec);

        return;
}
```

ora_oci.h

```
#pragma ident "@(#)oci.h          1.1          95/09/14    SMI"

/
*=================================================================+
 |      Copyright (c) 1994  Oracle Corp, Redwood Shores, CA      |
 |                OPEN SYSTEMS PERFORMANCE GROUP                 |
 |                   All Rights Reserved                         |
 +=================================================================+
 | FILENAME
 |   tpccpl.h
```

```
| DESCRIPTION
|   Header file for TPC-C transactions in PL/SQL.
+=================================================================
============*/

#ifndef TPCCPL_H
#define TPCCPL_H

#include <stdio.h>
#include <ctype.h>
#include <string.h>

#include <oratypes.h>
#include <oci.h>
/****
#if __STDC__
#include <ociapr.h>
#else
#include <ocikpr.h>
#endif
*****/

typedef struct cda_def csrdef;
typedef struct cda_def ldadef;


#ifndef DISCARD
# define DISCARD (void)
#endif

#ifndef sword
# define sword int
#endif

#define VER7          2

#define NA            -1     /* ANSI SQL NULL */
#define NLT           1      /* length for string null terminator */
#define DEADLOCK      60     /* ORA-00060: deadlock */
#define NO_DATA_FOUND   1403   /* ORA-01403: no data found */
#define NOT_SERIALIZABLE  8177  /* ORA-08177: transaction not
serializable */
#define     SNAPSHOT_TOO_OLD 1555

#ifndef NULLP
# define NULLP (void *)NULL
#endif /* NULLP */

#define ADR(object) ((ub1 *)&(object))
#define SIZ(object) ((sword)sizeof(object))

typedef char date[24+NLT];
typedef char varchar2;

#define OCIERROR(errp,function)\
      ocierror(__FILE__,__LINE__,(errp),(function));

#define OCIBND(stmp, bndp, errp, sqlvar, progv, progvl, ftype)\
      ocierror(__FILE__,__LINE__,(errp), \
          OCIHandleAlloc((stmp),(dvoid**)&(bndp),OCI_HTYPE_BIND,0,
(dvoid**)0)); \
      ocierror(__FILE__,__LINE__, (errp), \
          OCIBindByName((stmp), &(bndp), (errp), \
                                                    (text *)(sqlvar),
strlen((sqlvar)),\
                                                    (progv), (progvl),
(ftype),0,0,0,0,0,OCI_DEFAULT));

#define
OCIBNDRAD(stmp,bndp,errp,sqlvar,progvl,ftype,indp,ctxp,cbf_nodata,cbf_
data) \
      ocierror(__FILE__,__LINE__,(errp), \
          OCIBindByName((stmp),&(bndp),(errp),(text *)(sqlvar), \
                  strlen((sqlvar)),0,(progvl),(ftype), \
                  indp,0,0,0,0,OCI_DATA_AT_EXEC)); \
          ocierror("yufei",__LINE__,(errp), \
          OCIBindDynamic((bndp),(errp),(ctxp),(cbf_nodata),(ctxp),
(cbf_data)));


#define
OCIBNDRA(stmp,bndp,errp,sqlvar,progv,progvl,ftype,indp,alen,arcode) \
      ocierror(__FILE__,__LINE__,(errp), \
          OCIHandleAlloc((stmp),(dvoid**)&(bndp),OCI_HTYPE_BIND,0,
(dvoid**)0)); \
      ocierror(__FILE__,__LINE__,(errp), \
          OCIBindByName((stmp),&(bndp),(errp),(text *)
(sqlvar),strlen((sqlvar)),\
                                                    (progv),(progvl),(ftype),
(indp),(alen),(arcode),0,0,OCI_DEFAULT));
/*      ocierror(__FILE__,__LINE__,(errp), \
           OCIBindArrayOfStruct((bndp),(errp),(progvl),sizeof((indp)[0]),\
                                          sizeof((alen)[0]),sizeof((arcode)[0]))); */

#define
OCIBNDR(stmp,bndp,errp,sqlvar,progv,progvl,ftype,indp,alen,arcode) \
      ocierror(__FILE__,__LINE__,(errp), \
         OCIHandleAlloc((stmp),(dvoid**)&(bndp),OCI_HTYPE_BIND,0,
(dvoid**)0)); \
      ocierror(__FILE__,__LINE__,(errp), \
         OCIBindByName((stmp),&(bndp),(errp),(text *)
(sqlvar),strlen((sqlvar)),\
                                                    (progv),(progvl),(ftype),
(indp),(alen),(arcode),0,0,OCI_DEFAULT));

#define
OCIBNDRAA(stmp,bndp,errp,sqlvar,progv,progvl,ftype,indp,alen,arcode,ms,
cu) \
      ocierror(__FILE__,__LINE__, (errp), \
         OCIHandleAlloc((stmp),(dvoid**)&(bndp),OCI_HTYPE_BIND,0,
(dvoid**)0)); \
      ocierror(__FILE__,__LINE__,(errp),\
        OCIBindByName((stmp),&(bndp),(errp),(text *)
(sqlvar),strlen((sqlvar)),\
      (progv),(progvl),(ftype),(indp),(alen),(arcode),(ms),
(cu),OCI_DEFAULT));

/*      ocierror(__FILE__,__LINE__,(errp),
           OCIBindArrayOfStruct((bndp),(errp),(progvl),sizeof((indp)[0]),\
                                          sizeof((alen)[0]),sizeof((arcode)[0]))); */

#define OCIDEFINE(stmp,dfnp,errp,pos,progv,progvl,ftype)\
      OCIDefineByPos((stmp),&(dfnp),(errp),(pos),(progv),(progvl),(ftype),\
                                  0,0,0,OCI_DEFAULT)

#define OCIDEF(stmp,dfnp,errp,pos,progv,progvl,ftype) \
      OCIHandleAlloc((stmp),(dvoid**)&(dfnp),OCI_HTYPE_DEFINE,0,\
                                  (dvoid**)0);\
      OCIDefineByPos((stmp),&(dfnp),(errp),(pos),(progv),(progvl),\
                  (ftype),NULL,NULL,NULL,OCI_DEFAULT); \


#define OCIDFNRA(stmp,dfnp,errp,pos,progv,progvl,ftype,indp,alen,arcode)
\
      OCIHandleAlloc(tpcenv,(dvoid**)&(dfnp),OCI_HTYPE_DEFINE,0,\
                                                    (dvoid**)0);\
      OCIDefineByPos((stmp),&(dfnp),(errp),(pos),(progv),\
                                                    (progvl),(ftype),(indp),
(alen),\
                                                    (arcode),OCI_DEFAULT);\

#define OBNDRV(lda,cursor,sqlvar,progv,progvl,ftype)\
    if (obndrv((cursor),(text*)(sqlvar),NA,(ub1*)(progv),(progvl),(ftype),NA,\
      (sb2 *)0, (text *)0, NA, NA))\
      {errrpt(lda,cursor,sqlvar);return(-1);}\
    else\
      DISCARD 0

#define OBNDRA(lda,cursor,sqlvar,progv,progvl,ftype,indp,alen,arcode)\
    if (obndra((cursor),(text*)(sqlvar),NA,(ub1*)(progv),(progvl),(ftype),NA,\
      (indp),(alen),(arcode),(ub4)0,(ub4*)0,(text*)0,NA,NA))\
      {errrpt(lda,cursor,sqlvar);return(-1);}\
    else\
      DISCARD 0

#define
OBNDRAA(lda,cursor,sqlvar,progv,progvl,ftype,indp,alen,arcode,ms,cs)\
    if (obndra((cursor),(text*)(sqlvar),NA,(ub1*)(progv),(progvl),(ftype),NA,\
      (indp),(alen),(arcode),(ub4)(ms),(ub4*)(cs),(text*)0,NA,NA))\
      {errrpt(lda,cursor,sqlvar);return(-1);}\
    else\
      DISCARD 0

#define
ODEFIN(lda,cursor,pos,buf,bufl,ftype,scale,indp,fmt,fmtl,fmtt,rlen,rcode)\
    if (odefin((cursor),(pos),(ub1*)(buf),(bufl),(ftype),(scale),(indp),\
      (text*)(fmt),(fmtl),(fmtt),(rlen),(rcode)))\
      {errrpt(lda,cursor,(text *)ftype);return(-1);}\
    else\
      DISCARD 0

#define OEXFET(lda,cursor,nrows,cancel,exact)\
    if (oexfet((cursor),(nrows),(cancel),(exact)))\
      {if ((cursor)->rc == 1403) DISCARD 0; \
       else if (errrpt(lda,cursor,(text *)"OEXFET")==RECOVERR) \
```

```
        {orol(lda);return(RECOVERR);} \
      else{orol(lda);return(-1);}}\
   else\
      DISCARD 0

#define OOPEN(lda,cursor)\
   if (oopen((cursor),(lda),(text*)0,NA,NA,(text*)0,NA))\
      {errrpt(lda,cursor,(text *)"OOPEN");return(-1);}\
   else\
      DISCARD 0

#define OPARSE(lda,cursor,sqlstm,sqll,defflg,lngflg)\
   if (oparse((cursor),(sqlstm),(sb4)(sqll),(defflg),(ub4)(lngflg)))\
      {errrpt(lda,cursor,sqlstm);return(-1);}\
   else\
      DISCARD 0

#define OFEN(lda,cursor,nrows)\
   if (ofen((cursor),(nrows)))\
      {if (errrpt(lda,cursor,(text *)"OFEN")==RECOVERR) \
         {orol(lda);return(RECOVERR);} \
      else{orol(lda);return(-1);}}\
   else\
      DISCARD 0

#define OEXEC(lda,cursor)\
   if (oexec((cursor)))\
      {if (errrpt(lda,cursor,(text *)"OEXEC")==RECOVERR) \
         {orol(lda);return(RECOVERR);} \
      else{orol(lda);return(-1);}}\
   else\
      DISCARD 0


#define OCOM(lda,cursor)\
   if (ocom((lda))) \
      {errrpt(lda,cursor,(text *)"OCOM");orol(lda);return(-1);}\
   else\
      DISCARD 0


#define OEXN(lda,cursor,iters,rowoff)\
   if (oexn((cursor),(iters),(rowoff))) \
      {if (errrpt(lda,cursor,(text *)"OEXN")==RECOVERR) \
         {orol(lda);return(RECOVERR);} \
      else{orol(lda);return(-1);}}\
   else\
      DISCARD 0

#endif

/* additions done for 814 -shishir */
#define OCI_ATTR_SRVRCTXT          OCI_ATTR_SERVER
#define OCI_ATTR_USERCTXT          OCI_ATTR_SESSION
#define OCI_ATTR_ROWCNT   OCI_ATTR_ROW_COUNT
#define OCI_HTYPE_ERR              OCI_HTYPE_ERROR
#define OCI_HTYPE_STM              OCI_HTYPE_STMT
```

tpccflags.h

```
#define PLSQLNO
#define DMLRETDEL
```

tpcc.h

```
/* * $Header: tpcc.h 7030100.1 95/07/19 15:10:55 plai Generic $ Copyr (c) 1993 Oracle */
/*==========================================================================+ | Copyright (c) 1995 Oracle Corp, Redwood Shores, CA | | OPEN SYSTEMS PERFORMANCE GROUP | | All Rights Reserved |
+==========================================================================+ | FILENAME | tpcc.h | DESCRIPTION | Include file for TPC-C benchmark programs.
+==========================================================================*/ #ifndef TPCC_H #define TPCC_H #ifndef FALSE # define FALSE 0 #endif #ifndef TRUE # define TRUE 1 #endif #include #include  #include  #include  #ifndef boolean #define boolean int #endif #include  #include  #include  /* #ifdef __STDC__ #include "ociapr.h" #else #include "ocikpr.h" #endif */ typedef struct cda_def csrdef; typedef struct cda_def ldadef; /* TPC-C transaction functions */ #ifndef TUXEDO extern int TPCinit (); extern int TPCnew (); extern int TPCpay (); extern int TPCord (); extern int TPCdel (); extern int TPCsto (); extern void TPCexit (); extern int TPCdumpinit (); extern void TPCdumpnew (); extern void TPCdumppay (); extern void TPCdumpord (); extern void TPCdumpdel (); extern void TPCdumpsto (); extern void TPCdumpexit (); /* extern void userlog(char* fmtp, ...); */ #endif /* Error codes */ #define RECOVERR -10 #define IRRECERR -20 #define NOERR 111 #define DEL_ERROR -666 #define DEL_DATE_LEN 77 #define NDISTS 10 #define NITEMS 15 #define SQL_BUF_SIZE 8192 #define FULLDATE "dd-mon-yy.hh24:mi:ss" #define SHORTDATE "dd-mm-yyyy" #define DELRT 80.0 #ifndef TUX extern int tkvcninit (); extern int tkvcpinit (); extern int tkvcoinit (); extern int tkvcdinit (); extern int tkvcsinit (); extern int tkvcn (); extern int tkvcp (); extern int tkvco (); extern int tkvcd (); extern int tkvcs (); extern void tkvcndone (); extern void tkvcpdone (); extern void tkvcodone (); extern void tkvcddone (); extern void tkvcsdone (); extern int tkvcss (); /* for alter session to get memory size and trace */ extern boolean multitranx; extern int ord_init; #endif extern void errrpt (); extern int ocierror(char *fname, int lineno,OCIError *errhp, sword status); extern int sqlfile(char *fname, text *linebuf); extern FILE *lfp; extern FILE *fopen (); extern int proc_no; extern int doid[]; extern int execstatus; extern int errcode; #ifndef TUX extern OCIEnv *tpcenv; extern OCIServer *tpcsrv; extern OCIError *errhp; extern OCISvcCtx *tpcsvc; extern OCISession *tpcusr; extern OCIStmt *curntest; #endif /* The bind and define handles for each transaction are included in their respective header files. */ extern OCIEnv *tpcenv; extern OCIServer *tpcsrv; extern OCIError *errhp; extern OCISvcCtx *tpcsvc; extern OCISession *tpcusr; extern OCIStmt *curi; extern char *uid; extern char *pwd; /* for stock-level transaction */ extern int w_id; extern int d_id; extern int c_id; extern int threshold; extern int low_stock; /* for delivery transaction */ extern int del_o_id[10]; extern int carrier_id; extern double qtime; extern int retries; extern int retries_serial; extern int retries_recoverr; extern int retries_snapshot; /* for order-status transaction */ extern int bylastname; extern char c_last[17]; extern char c_first[17]; extern char c_middle[3]; extern double c_balance; extern int o_id; extern text o_entry_d[20]; extern int o_carrier_id; extern int o_ol_cnt; extern int ol_supply_w_id[15]; extern int ol_i_id[15]; extern int ol_quantity[15]; extern int ol_amount[15]; ub4 ol_del_len[15]; extern text ol_delivery_d[15][11]; /* xnie - begin */ extern OCIRowid *o_rowid; /* xnie - end */ /* for payment transaction */ extern int c_w_id; extern int c_d_id; extern int h_amount; extern char w_street_1[21]; extern char w_street_2[21]; extern char w_city[21]; extern char w_state[3]; extern char w_zip[10]; extern char d_street_1[21]; extern char d_street_2[21]; extern char d_city[21]; extern char d_state[3]; extern char d_zip[10]; extern char c_street_1[21]; extern char c_street_2[21]; extern char c_city[21]; extern char c_state[3]; extern char c_zip[10]; extern char c_phone[17]; extern text c_since_d[11]; extern char c_credit[3]; extern int c_credit_lim; extern float c_discount; extern char c_data[201]; extern text h_date[20]; /* for new order transaction */ #ifndef TUX extern int nol_i_id[15]; extern int nol_supply_w_id[15]; extern int nol_quantity[15]; extern int nol_quanti10[15]; extern int nol_quanti91[15]; extern int nol_ytdqty[15]; extern int nol_amount[15]; extern int o_all_local; extern float w_tax; extern float d_tax; extern float total_amount; extern char i_name[15][25]; extern int i_name_strlen[15]; extern ub2 i_name_strlen_len[15]; extern ub2 i_name_strlen_rcode[15]; extern ub4 i_name_strlen_csize; extern int s_quantity[15]; #if 0 extern char brand_gen[15]; #endif extern ub2 brand_gen_len[15]; extern ub2 brand_gen_rcode[15]; extern ub4 brand_gen_csize; extern int i_price[15]; extern char brand_generic[15][1]; extern int status; extern int tracelevel; /* Miscellaneous */ extern OCIDate cr_date; extern OCIDate c_since; extern OCIDate o_entry_d_base; extern OCIDate ol_d_base[15]; #endif #ifndef DISCARD # define DISCARD (void) #endif #ifndef sword # define sword int #endif #define VER7 2 #define NA -1 /* ANSI SQL NULL */ #define NLT 1 /* length for string null terminator */ #define DEADLOCK 60 /* ORA-00060: deadlock */ #define NO_DATA_FOUND 1403 /* ORA-01403: no data found */ #define NOT_SERIALIZABLE 8177 /* ORA-08177: transaction not serializable */ #define SNAPSHOT_TOO_OLD 1555 /* ORA-01555: snapshot too old */ #ifndef NULLP # define NULLP(x) (x *)NULL #endif /* NULLP */ #define ADR(object) ((ub1 *)&(object)) #define SIZ(object) ((sword)sizeof(object)) typedef char date[24+NLT]; typedef char varchar2; #define min(x,y) (((x) < (y)) ? (x) : (y)) #define OCIERROR(errp,function)\
ocierror(__FILE__,__LINE__,(errp),(function)); #define OCIBND(stmp, bndp, errp, sqlvar, progv, progvl, ftype)\ ocierror(__FILE__,__LINE__,(errp), \ OCIHandleAlloc((stmp),(dvoid**)&(bndp),OCI_HTYPE_BIND,0, (dvoid**)0)); \ ocierror(__FILE__,__LINE__, (errp), \ OCIBindByName((stmp), &(bndp), (errp), \ (text *)(sqlvar), strlen((sqlvar)),\ (progv), (progvl), (ftype),0,0,0,0,0,OCI_DEFAULT)); /* bind arrays for sql */ #define OCIBNDRA(stmp,bndp,errp,sqlvar,progv,progvl,ftype,indp,alen,arcode) \ DISCARD ocierror(__FILE__,__LINE__,(errp), \ OCIHandleAlloc((stmp), (dvoid**)&(bndp),OCI_HTYPE_BIND,0,(dvoid**)0)); \ DISCARD ocierror(__FILE__,__LINE__,(errp), \ OCIBindByName((stmp),&(bndp), (errp),(text *)(sqlvar),strlen((sqlvar)),\ (progv),(progvl),(ftype),(indp),(alen), (arcode),0,0,OCI_DEFAULT)); /* use with callback data */ #define OCIBNDRAD(stmp,bndp,errp,sqlvar,progvl,ftype,indp,ctxp,\ cbf_nodata,cbf_data) \ DISCARD ocierror(__FILE__,__LINE__,(errp), \ OCIHandleAlloc((stmp),(dvoid**)&(bndp),OCI_HTYPE_BIND,0, (dvoid**)0)); \ DISCARD ocierror(__FILE__,__LINE__,(errp), \ OCIBindByName((stmp),&(bndp),(errp),(text *)(sqlvar), \ strlen((sqlvar)),0, (progvl),(ftype), \ indp,0,0,0,0,OCI_DATA_AT_EXEC)); \ DISCARD ocierror(__FILE__,__LINE__,(errp), \ OCIBindDynamic((bndp),(errp), (ctxp),(cbf_nodata),(ctxp),(cbf_data))); /* bind in/out for plsql without indicator and rcode */ #define OCIBNDPL(stmp,bndp,errp,sqlvar,progv,progvl,ftype,alen) \ DISCARD ocierror(__FILE__,__LINE__,(errp), \ OCIHandleAlloc((stmp), (dvoid**)&(bndp),OCI_HTYPE_BIND,0,(dvoid**)0)); \ DISCARD ocierror(__FILE__,__LINE__,(errp), \ OCIBindByName((stmp),&(bndp), (errp),(CONST text *)(sqlvar), \ (sb4)strlen((CONST char *)(sqlvar)), (dvoid*)(progv),(progvl),(ftype),\ NULLP(dvoid),(alen), NULLP(ub2),
```

```
0,NULLP(ub4),OCI_DEFAULT)); /* bind in values for plsql with indicator
and rcode */ #define
OCIBNDR(stmp,bndp,errp,sqlvar,progv,progvl,ftype,indp,alen,arcode) \
DISCARD ocierror(__FILE__,__LINE__,(errp), \ OCIHandleAlloc((stmp),
(dvoid**)&(bndp),OCI_HTYPE_BIND,0,(dvoid**)0)); \ DISCARD
ocierror(__FILE__,__LINE__,(errp), \ OCIBindByName((stmp),&(bndp),
(errp),(text *)(sqlvar),strlen((sqlvar)),\ (progv),(progvl),(ftype),(indp),(alen),
(arcode),0,0, \ OCI_DEFAULT)); /* bind in/out for plsql arrays witout
indicator and rcode */ #define
OCIBNDPLA(stmp,bndp,errp,sqlvar,progv,progvl,ftype,alen,ms,cu) \
DISCARD ocierror(__FILE__,__LINE__, (errp), \ OCIHandleAlloc((stmp),
(dvoid**)&(bndp),OCI_HTYPE_BIND,0,(dvoid**)0));\ DISCARD
ocierror(__FILE__,__LINE__,(errp),\ OCIBindByName((stmp),&(bndp),
(errp),(CONST text *)(sqlvar), \ (sb4)strlen((CONST char *) (sqlvar)),(void
*)(progv), \ (progvl),(ftype),NULL,(alen),NULL,(ms),(cu),OCI_DEFAULT));
/* bind in/out values for plsql with indicator and rcode */ #define
OCIBNDRAA(stmp,bndp,errp,sqlvar,progv,progvl,ftype,indp,alen,arcode,\
ms,cu) \ ocierror(__FILE__,__LINE__, (errp), \ OCIHandleAlloc((stmp),
(dvoid**)&(bndp),OCI_HTYPE_BIND,0,(dvoid**)0));\
ocierror(__FILE__,__LINE__,(errp),\ OCIBindByName((stmp),&(bndp),
(errp),(text *)(sqlvar),strlen((sqlvar)),\ (progv),(progvl),(ftype),(indp),(alen),
(arcode),(ms),(cu),OCI_DEFAULT)); #define
OCIDEFINE(stmp,dfnp,errp,pos,progv,progvl,ftype)\
OCIDefineByPos((stmp),&(dfnp),(errp),(pos),(progv),(progvl),(ftype),\
0,0,0,OCI_DEFAULT); #define
OCIDEF(stmp,dfnp,errp,pos,progv,progvl,ftype) \ OCIHandleAlloc((stmp),
(dvoid**)&(dfnp),OCI_HTYPE_DEFINE,0,\ (dvoid**)0);\
OCIDefineByPos((stmp),&(dfnp),(errp),(pos),(progv),(progvl),\
(ftype),NULL,NULL,NULL,OCI_DEFAULT); \ #define
OCIDFNRA(stmp,dfnp,errp,pos,progv,progvl,ftype,indp,alen,arcode) \
OCIHandleAlloc((stmp),(dvoid**)&(dfnp),OCI_HTYPE_DEFINE,0,\
(dvoid**)0);\ OCIDefineByPos((stmp),&(dfnp),(errp),(pos),(progv),\
(progvl),(ftype),(indp),(alen),\ (arcode),OCI_DEFAULT); #define
OCIDFNDYN(stmp,dfnp,errp,pos,progv,progvl,ftype,indp,ctxp,cbf_data) \
ocierror(__FILE__,__LINE__,(errp), \ OCIHandleAlloc((stmp),
(dvoid**)&(dfnp),OCI_HTYPE_DEFINE,0,\ (dvoid**)0));\
ocierror(__FILE__,__LINE__,(errp), \ OCIDefineByPos((stmp),&(dfnp),
(errp),(pos),(progv), (progvl),(ftype),\ (indp),NULL,NULL,
OCI_DYNAMIC_FETCH));\ ocierror(__FILE__,__LINE__,(errp), \
OCIDefineDynamic((dfnp),(errp),(ctxp),(cbf_data))); /* New order */ struct
newinstruct { int w_id; int d_id; int c_id; int ol_i_id[15]; int
ol_supply_w_id[15]; int ol_quantity[15]; }; struct newoutstruct { int terror;
int o_id; int o_ol_cnt; char c_last[17]; char c_credit[3]; float c_discount; float
w_tax; float d_tax; char o_entry_d[20]; float total_amount; char i_name[15]
[25]; int s_quantity[15]; char brand_generic[15]; float i_price[15]; float
ol_amount[15]; char status[26]; int retry; }; struct newstruct { struct
newinstruct newin; struct newoutstruct newout; }; /* Payment */ struct
payinstruct { int w_id; int d_id; int c_w_id; int c_d_id; int c_id; int
bylastname; int h_amount; char c_last[17]; }; struct payoutstruct { int terror;
char w_street_1[21]; char w_street_2[21]; char w_city[21]; char w_state[3];
char w_zip[10]; char d_street_1[21]; char d_street_2[21]; char d_city[21];
char d_state[3]; char d_zip[10]; int c_id; char c_first[17]; char c_middle[3];
char c_last[17]; char c_street_1[21]; char c_street_2[21]; char c_city[21];
char c_state[3]; char c_zip[10]; char c_phone[17]; char c_since[11]; char
c_credit[3]; double c_credit_lim; float c_discount; double c_balance; char
c_data[201]; char h_date[20]; int retry; }; struct paystruct { struct payinstruct
payin; struct payoutstruct payout; }; /* Order status */ struct ordinstruct { int
w_id; int d_id; int c_id; int bylastname; char c_last[17]; }; struct ordoutstruct
{ int terror; int c_id; char c_last[17]; char c_first[17]; char c_middle[3];
{ struct ordinstruct ordin; struct ordoutstruct ordout; }; /* Delivery */ struct
delinstruct { int w_id; int o_carrier_id; double qtime; int in_timing_int; int
plsqlflag; }; struct deloutstruct { int terror; int retry; }; struct delstruct { struct
delinstruct delin; struct deloutstruct delout; }; /* Stock level */ struct
stoinstruct { int w_id; int d_id; int threshold; }; struct stooutstruct { int terror;
int low_stock; int retry; }; struct stostruct { struct stoinstruct stoin; struct
stooutstruct stoout; }; /* Structure of a message request passed on the msg-
queue */ struct msgh_req { long type; /* Type of message */ struct { int
len; /* Length of message */ int client_id; /* Id of client sending this msg */
int result_qid; /* Result of xact goes on this queue */ union { struct newstruct
msgh_newo; struct paystruct msgh_paym; struct ordstruct msgh_ords; struct
delstruct msgh_del; struct stostruct msgh_stock; } msgh_un; } msgh_msg; };
extern struct msgh_req message; #define header message.msgh_msg #define
neworder message.msgh_msg.msgh_un.msgh_newo #define payment
message.msgh_msg.msgh_un.msgh_paym #define ordstat
message.msgh_msg.msgh_un.msgh_ords #define delivery
message.msgh_msg.msgh_un.msgh_del #define stocklevel
message.msgh_msg.msgh_un.msgh_stock extern char blank_mesg[]; /*
Message keys for servers */ #define NEWO_MSGKEY 10000 #define
PAYM_MSGKEY 20000 #define ORDS_MSGKEY 30000 #define
STOCK_MSGKEY 40000 #define DEL_MSGKEY 50000 #define
MAX_USERS 200 /* Max. number of drivers */ #endif
```

Uni_svr

ora_errrpt.c

```
/*
 * Copyright (c) 1995 by Sun Microsystems, Inc.
 */

#pragma ident "@(#)ora_errrpt.c 1.1          95/09/14    SMI"

/*
 * these functions actually belong in ~dbbench/generic/c/msgh_log.c.  We put
them
 * here because they have database specific statements.
 */

#include "ora_err.h"
#include "ora_oci.h"

errrpt(lda, cur, sqlvar)
ldadef *lda;
csrdef *cur;
text        *sqlvar;
{
            text msg[2048];
/           if (cur->rc) { */
                    oerhms(lda, (sb2) cur->rc, msg, 2048);
                    userlog("%s sql_variable %s\n", msg, sqlvar);

          if (cur->rc == DEADLOCK || (cur->rc ==
SNAPSHOT_TOO_OLD))
                return(RECOVERR);
          else
                return(IRRECERR);
/           } */
}

/* vmm313 void ocierror(fname, lineno, errhp, status)  */
int ocierror(fname, lineno, errhp, status)
char *fname;
int lineno;
OCIError *errhp;
sword status;
{
  text errbuf[512];
  ub4 buflen;
  sb4 errcode;
  sb4 lstat ;
  ub4 recno=2 ;

  switch (status) {
  case OCI_SUCCESS:
    break;
  case OCI_SUCCESS_WITH_INFO:
    (void) userlog("Module %s Line %d\n", fname, lineno);
    (void) userlog("Error - OCI_SUCCESS_WITH_INFO\n");
  break;
  case OCI_NEED_DATA:
    (void) userlog("Module %s Line %d\n", fname, lineno);
    (void) userlog("Error - OCI_NEED_DATA\n");
     return (IRRECERR);
  case OCI_NO_DATA:
    /*
      (void) userlog("Module %s Line %d\n", fname, lineno);
      (void) userlog("Error - OCI_NO_DATA\n");
    */
    return IRRECERR;       /* for 8.1.4 */
  break;
  case OCI_ERROR:
    lstat = OCIErrorGet (errhp, (ub4) 1,
              (text *) NULL, &errcode, errbuf,
                  (ub4) sizeof(errbuf), OCI_HTYPE_ERR);
             if (errcode == NOT_SERIALIZABLE) return (errcode);
    if (errcode == SNAPSHOT_TOO_OLD) return (errcode);
    while (lstat != OCI_NO_DATA)
    {
             (void) userlog("Module %s Line %d\n", fname, lineno);
             (void) userlog("Error - %s\n", errbuf);
             lstat = OCIErrorGet (errhp, recno++, (text *) NULL, &errcode,
errbuf,
                    (ub4) sizeof(errbuf), OCI_HTYPE_ERROR);
    }
    return (errcode);
  break;
  case OCI_INVALID_HANDLE:
    (void) userlog("Module %s Line %d\n", fname, lineno);
    (void) userlog("Error - OCI_INVALID_HANDLE\n");
  break;
  case OCI_STILL_EXECUTING:
    (void) userlog("Module %s Line %d\n", fname, lineno);
    (void) userlog("Error - OCI_STILL_EXECUTE\n");
   return (IRRECERR);
```

```
 case OCI_CONTINUE:
   (void) userlog("Module %s Line %d\n", fname, lineno);
   (void) userlog("Error - OCI_CONTINUE\n");
 return (IRRECERR);
 default:
   (void) userlog("Module %s Line %d\n", fname, lineno);
   (void) userlog("Error - \n");
   return (IRRECERR);
 }
 return RECOVERR;
}
```

tpcc_srv_init.c

```
/*
 * Copyright (c) 1994 by Sun Microsystems, Inc.
 */

#pragma ident "@(#)tpcso_srv_stock.c        1.6          95/04/12    SMI"

/
*=====================================================
============+
 |      Copyright (c) 1994  Oracle Corp, Redwood Shores, CA      |
 |                OPEN SYSTEMS PERFORMANCE GROUP                 |
 |                    All Rights Reserved                        |
 +=====================================================
============+
 | FILENAME
 |   renamed to tpcc_srv_init.c
 | DESCRIPTION
 |   OCI for opening connect/session  in TPC-C benchmark.
 +=====================================================
============*/

/* #include "ora_oci.h" */
#ifndef ORA_TPCC
# define ORA_TPCC
# include "tpcc.h"
#endif

#include <stdlib.h>
#include <unistd.h>
#include <signal.h>
#include <stdio.h>
#include <sys/types.h>
#include <sys/ipc.h>
#include <sys/msg.h>
/* #include "./ora_err.h"  *
/* Tuxedo */
#include "atmi.h"
#include "userlog.h"

OCIEnv *tpcenv;
OCIServer *tpcsrv;
OCIError *errhp;
OCISvcCtx *tpcsvc;
OCISession *tpcusr;
OCIStmt *curi;

char *uid = "tpcc";
char *pwd = "tpcc";

#define SQLTXT "alter session set isolation_level = serializable"

/*
 * Initialize the environment, err-handle, attach, open session,
 *  alter session to serializable.  Common for all 5 TX.
 */

int status, execstatus, errcode;

/* external routines */
int init_stock_tx();
int init_ords_tx();
int init_paym_tx();
int init_newo_tx();

int stocklevel_tx( TPSVCINFO *rqst );
int ordstat_tx(TPSVCINFO *rqst);
int payment_tx(TPSVCINFO *rqst);
int neworder_tx(TPSVCINFO *rqst);

int TPCinit()
{


  int i;
  text stmbuf[16*1024];

  /* common to all 5 */
   OCIInitialize(OCI_DEFAULT|OCI_OBJECT,(dvoid *)0,0,0,0);
   OCIEnvInit(&tpcenv, OCI_DEFAULT, 0, (dvoid **)0);
   OCIHandleAlloc((dvoid *)tpcenv, (dvoid **)&tpcsrv,
OCI_HTYPE_SERVER, 0 , (dvoid **)0);
   OCIHandleAlloc((dvoid *)tpcenv, (dvoid **)&errhp,
OCI_HTYPE_ERROR, 0 , (dvoid **)0);
   OCIHandleAlloc((dvoid *)tpcenv, (dvoid **)&tpcsvc,
OCI_HTYPE_SVCCTX, 0 , (dvoid **)0);
   OCIServerAttach(tpcsrv, errhp, (text *)0,0,OCI_DEFAULT);
   OCIAttrSet((dvoid *)tpcsvc, OCI_HTYPE_SVCCTX, (dvoid *)tpcsrv,
(ub4)0,OCI_ATTR_SERVER, errhp);
   OCIHandleAlloc((dvoid *)tpcenv, (dvoid **)&tpcusr,
OCI_HTYPE_SESSION, 0 , (dvoid **)0);
   OCIAttrSet((dvoid *)tpcusr, OCI_HTYPE_SESSION, (dvoid *)uid,
(ub4)strlen(uid),OCI_ATTR_USERNAME, errhp);
   OCIAttrSet((dvoid *)tpcusr, OCI_HTYPE_SESSION, (dvoid *)pwd,
(ub4)strlen(pwd),
                 OCI_ATTR_PASSWORD, errhp);
fprintf(stderr, "%d] Now call SessionBegin UID=%s PWD=%s\n", getpid(),
uid, pwd);

   OCIERROR(errhp, OCISessionBegin(tpcsvc, errhp, tpcusr,
OCI_CRED_RDBMS, OCI_DEFAULT));

   OCIAttrSet(tpcsvc, OCI_HTYPE_SVCCTX, tpcusr, 0,
OCI_ATTR_SESSION, errhp);

   /* run all transaction in serializable mode */

   OCIHandleAlloc(tpcenv, (dvoid **)&curi, OCI_HTYPE_STMT, 0,
(dvoid**)0);
   sprintf ((char *) stmbuf, SQLTXT);
   OCIStmtPrepare(curi, errhp, stmbuf, strlen((char *)stmbuf),
OCI_NTV_SYNTAX, OCI_DEFAULT);
   OCIERROR(errhp,OCIStmtExecute(tpcsvc, curi,
errhp,1,0,0,0,OCI_DEFAULT));
   OCIHandleFree(curi, OCI_HTYPE_STMT);
   /* end common ---- */

   return(0);
}


/* Start of Tuxedo code */
int tpsvrinit(int argc, char **argv)
{
int retcode;

    char *two_task = getenv("TWO_TASK");
    if (two_task == NULL) {
                two_task = "(null)";
    }
    userlog("TWO_TASK=%s\n", two_task);

  /* For all servers - common routine to open/init  session etc. */
  TPCinit();
  /* Successful return is 0 */
  if (retcode=init_newo_tx())
    return (retcode);
  if (retcode=init_paym_tx())
    return (retcode);
  if (retcode=init_ords_tx())
    return (retcode);
  if (retcode=init_stock_tx())
    return (retcode);

  return(0);
}
```

tpcc_srv_newo.c

```
/*
 * Copyright (c) 1995 by Sun Microsystems, Inc.
 */

#pragma ident "@(#)tpcso_srv_newo.c        1.14          97/01/02    SMI"

/
*=====================================================
============+
 |      Copyright (c) 1996  Oracle Corp, Redwood Shores, CA      |
 |                OPEN SYSTEMS PERFORMANCE GROUP                 |
 |                    All Rights Reserved                        |
 +=====================================================
============+
```

```
| FILENAME
|    plnew.c
| DESCRIPTION
|    OCI version (using PL/SQL stored procedure) of
|    NEW ORDER transaction in TPC-C benchmark.
| *** As perf Mar 4, 2009 pre-audit: changes for interactive compliance
 +=========================================================
============*/
#ifndef ORA_TPCC
# define ORA_TPCC
# include "tpcc.h"
#endif



#include <signal.h>
#include <stdio.h>
#include <stdlib.h>
#include <unistd.h>
#include <sys/types.h>
#include <sys/ipc.h>
#include <sys/msg.h>

/* TAKE THESE OUT IF NOT DEBUGGING */
#include "ora_oci.h"
#include "./ora_err.h"

/* Tuxedo includes */
#include "atmi.h"
#include "userlog.h"

static int    tx_count = 0;

void vgetdate (unsigned char *oradt);
int sqlfile (char  *fnam, text *linebuf);
void cvtdmyhms (unsigned char *oradt, char *outdate);

#define MOVETO(element, struct_name) element = struct_name->element
#define MOVEBACK(element, struct_name) struct_name->element =
element
#define MOVECBACK(element, cnt, struct_name) strncpy(struct_name-
>element, element, cnt)


/* Lists of items on an order */
/* These structures should match the struct definitions for no_struct
 * defined in tpcc_client.h exactly.
 * Any change to those, should be reflected here
 */

struct items_inf {
        int ol_supply_w_id;
        int ol_i_id;
        char i_name[25];
        int ol_quantity;
        int s_quantity;
        char brand[2];
        double i_price;
        double ol_amount;
} ;

/* List of fields in neworder */

struct newo_inf {
        int w_id;
        int d_id;
        int c_id;
        int o_id;
        int o_ol_cnt;
        double c_discount;
        double w_tax;
        double d_tax;
        char o_entry_d[20];
        char c_credit[3];
        char c_last[17];
        struct items_inf n_items[15];
        char status_mesg[25];
        double total;
} ;

int indx[15];
void swap(struct newo_inf *str, int i, int j);
void q_sort(int *arr, struct newo_inf *str, int left, int right);

/*struct msgh_req message; */
char blank_mesg[25] = "                    ";

int my_qid, my_id;
char my_name[] = "Newo";


/****************************
 * BEGIN BLOCK OF COMMON CODE
 ****************************/

        /* struct newo_inf */
/* for new order transaction */
static int w_id;
static int d_id;
static int c_id;
static int o_id;
static int o_ol_cnt;
static float c_discount;
static text o_entry_d[20];
/*      char o_entry_d[20]; */
static char c_credit[3];
static char c_last[17];
static char status_mesg[25];

static double total;

static int nol_i_id[15];
static int nol_supply_w_id[15];
static int nol_quantity[15];
static int nol_quanti10[15];
static int nol_quanti91[15];
static int nol_ytdqty[15];
static int nol_amount[15];
static int o_all_local;
static float w_tax;
static float d_tax;
static float total_amount;
static char i_name[15][25];
static int s_quantity[15];
/* char brand_gen[15]; */
static int i_price[15];
static char brand_gen[15];
static char brand_generic[15][1];
static int tracelevel = 0;

static OCIDate cr_date;
static OCIDate c_since;
static OCIDate o_entry_d_base;
static OCIDate ol_d_base[15];
static dvoid *xmem;
static int retries;


#define SQLTXT2 "BEGIN inittpcc.init_no(:idx1arr); END;"

#define NITEMS 15
#define ROWIDLEN 20
#define OCIROWLEN 20

struct newctx {

  ub2 nol_i_id_len[NITEMS];
  ub2 nol_supply_w_id_len[NITEMS];
  ub2 nol_quantity_len[NITEMS];
  ub2 nol_amount_len[NITEMS];
  ub2 s_quantity_len[NITEMS];
  ub2 i_name_len[NITEMS];
  ub2 i_price_len[NITEMS];
  ub2 s_dist_info_len[NITEMS];
  ub2 ol_o_id_len[NITEMS];
  ub2 ol_number_len[NITEMS];
  ub2 s_remote_len[NITEMS];
  ub2 s_quant_len[NITEMS];
  ub2 ol_dist_info_len[NITEMS];
  ub2 s_bg_len[NITEMS];

  int ol_o_id[NITEMS];
  int ol_number[NITEMS];

  int s_remote[NITEMS];
  char s_dist_info[NITEMS][25];
  OCIStmt *curn1;
  OCIBind *ol_i_id_bp;
  OCIBind *ol_supply_w_id_bp;
  OCIBind *i_price_bp;
  OCIBind *i_name_bp;
  OCIBind *s_bg_bp;
  ub4 nol_i_count;
  ub4 nol_s_count;
```

```
  ub4 nol_q_count;
  ub4 nol_item_count;
  ub4 nol_name_count;
  ub4 nol_qty_count;
  ub4 nol_bg_count;
  ub4 nol_am_count;
  ub4 s_remote_count;
  OCIStmt *curn2;
  OCIBind *ol_quantity_bp;
  OCIBind *s_remote_bp;
  OCIBind *s_quantity_bp;
  OCIBind *w_id_bp;
  OCIBind *d_id_bp;
  OCIBind *c_id_bp;
  OCIBind *o_all_local_bp;
  OCIBind *o_all_cnt_bp;
  OCIBind *w_tax_bp;
  OCIBind *d_tax_bp;
  OCIBind *o_id_bp;
  OCIBind *c_discount_bp;
  OCIBind *c_credit_bp;
  OCIBind *c_last_bp;
  OCIBind *retries_bp;
  OCIBind *cr_date_bp;
  OCIBind *ol_o_id_bp;
  OCIBind *ol_amount_bp;

  sb2 w_id_len;
  ub2 d_id_len;
  ub2 c_id_len;
  ub2 o_all_local_len;
  ub2 o_ol_cnt_len;
  ub2 w_tax_len;
  ub2 d_tax_len;
  ub2 o_id_len;
  ub2 c_discount_len;
  ub2 c_credit_len;
  ub2 c_last_len;
  ub2 retries_len;
  ub2 cr_date_len;
};

typedef struct newctx newctx;

static newctx *nctx;

/*
 * Initialize the neworder transaction
 */

int
init_newo_tx()
{

  int  execstatus, errcode;
  char filename[200];
  int proc_no;
  int i;
  text stmbuf[16*1024];
  nctx = (newctx *) malloc (sizeof(newctx));
  DISCARD memset(nctx,(char)0,sizeof(newctx));
  nctx->w_id_len = sizeof(w_id);
  nctx->d_id_len = sizeof(d_id);
  nctx->c_id_len = sizeof(c_id);
  nctx->o_all_local_len = sizeof(o_all_local);
  nctx->o_ol_cnt_len = sizeof(o_ol_cnt);
  nctx->w_tax_len = 0;
  nctx->d_tax_len = 0;
  nctx->o_id_len = sizeof(o_id);
  nctx->c_discount_len = 0;
  nctx->c_credit_len = 0;
  nctx->c_last_len = 0;
  nctx->retries_len = sizeof(retries);
  nctx->cr_date_len = sizeof(cr_date);

  /* open first cursor */
  DISCARD OCIERROR(errhp,OCIHandleAlloc(tpcenv,(dvoid **)(&nctx-
>curn1),
        OCI_HTYPE_STMT, 0, (dvoid**)0));
  sqlfile("tkvcpnew.sql",stmbuf);
  DISCARD OCIERROR(errhp,OCIStmtPrepare(nctx->curn1, errhp, stmbuf,
        strlen((char *)stmbuf), OCI_NTV_SYNTAX, OCI_DEFAULT));

  /* bind variables */

  OCIBNDPL(nctx->curn1, nctx->w_id_bp, errhp,
":w_id",ADR(w_id),SIZ(w_id),
        SQLT_INT, &nctx->w_id_len);
  OCIBNDPL(nctx->curn1, nctx->d_id_bp, errhp,
":d_id",ADR(d_id),SIZ(d_id),
        SQLT_INT, &nctx->d_id_len);
  OCIBNDPL(nctx->curn1, nctx->c_id_bp, errhp,
":c_id",ADR(c_id),SIZ(c_id),
        SQLT_INT, &nctx->c_id_len);
  OCIBNDPL(nctx->curn1, nctx->o_all_local_bp, errhp, ":o_all_local",
        ADR(o_all_local), SIZ(o_all_local),SQLT_INT, &nctx-
>o_all_local_len);
  OCIBNDPL(nctx->curn1, nctx->o_all_cnt_bp, errhp,
":o_ol_cnt",ADR(o_ol_cnt),
        SIZ(o_ol_cnt),SQLT_INT, &nctx->o_ol_cnt_len);
  OCIBNDPL(nctx->curn1, nctx->w_tax_bp, errhp,
":w_tax",ADR(w_tax),SIZ(w_tax),
        SQLT_FLT, &nctx->w_tax_len);
  OCIBNDPL(nctx->curn1, nctx->d_tax_bp, errhp,
":d_tax",ADR(d_tax),SIZ(d_tax),
        SQLT_FLT, &nctx->d_tax_len);
  OCIBNDPL(nctx->curn1, nctx->o_id_bp, errhp,
":o_id",ADR(o_id),SIZ(o_id),
        SQLT_INT, &nctx->o_id_len);
  OCIBNDPL(nctx->curn1, nctx->c_discount_bp, errhp, ":c_discount",
        ADR(c_discount), SIZ(c_discount),SQLT_FLT, &nctx-
>c_discount_len);
  OCIBNDPL(nctx->curn1, nctx->c_credit_bp, errhp, ":c_credit",c_credit,
        SIZ(c_credit),SQLT_CHR, &nctx->c_credit_len);
  OCIBNDPL(nctx->curn1, nctx->c_last_bp, errhp,
":c_last",c_last,SIZ(c_last),
        SQLT_STR, &nctx->c_last_len);
  OCIBNDPL(nctx->curn1, nctx->retries_bp, errhp, ":retry",ADR(retries),
        SIZ(retries),SQLT_INT, &nctx->retries_len);
  OCIBNDPL(nctx->curn1, nctx->cr_date_bp, errhp, ":cr_date",&cr_date,
        SIZ(OCIDate), SQLT_ODT, &nctx->cr_date_len);

  OCIBNDPLA(nctx->curn1, nctx->ol_i_id_bp,errhp,":ol_i_id",nol_i_id,
        SIZ(int), SQLT_INT, nctx->nol_i_id_len,NITEMS,&nctx-
>nol_i_count);
  OCIBNDPLA(nctx->curn1, nctx->ol_supply_w_id_bp, errhp,
":ol_supply_w_id",
        nol_supply_w_id,SIZ(int),SQLT_INT, nctx->nol_supply_w_id_len,
        NITEMS, &nctx->nol_s_count);
  OCIBNDPLA(nctx->curn1, nctx->ol_quantity_bp,errhp,":ol_quantity",
        nol_quantity, SIZ(int),SQLT_INT,nctx->nol_quantity_len,
        NITEMS,&nctx->nol_q_count);
  OCIBNDPLA(nctx->curn1, nctx-
>i_price_bp,errhp,":i_price",i_price,SIZ(int),
        SQLT_INT, nctx->i_price_len, NITEMS, &nctx->nol_item_count);
  OCIBNDPLA(nctx->curn1, nctx->i_name_bp,errhp,":i_name",i_name,
        SIZ(i_name[0]),SQLT_STR, nctx->i_name_len,NITEMS,
        &nctx->nol_name_count);
  OCIBNDPLA(nctx->curn1, nctx-
>s_quantity_bp,errhp,":s_quantity",s_quantity,
        SIZ(int), SQLT_INT,nctx->s_quant_len,NITEMS,&nctx-
>nol_qty_count);
  OCIBNDPLA(nctx->curn1, nctx-
>s_bg_bp,errhp,":brand_generic",brand_generic,
        SIZ(char), SQLT_CHR,nctx->s_bg_len,NITEMS,&nctx-
>nol_bg_count);
  OCIBNDPLA(nctx->curn1, nctx-
>ol_amount_bp,errhp,":ol_amount",nol_amount,
        SIZ(int),SQLT_INT, nctx->nol_amount_len,NITEMS,&nctx-
>nol_am_count);
  OCIBNDPLA(nctx->curn1, nctx->s_remote_bp,errhp,":s_remote",nctx-
>s_remote,
        SIZ(int),SQLT_INT, nctx->s_remote_len,NITEMS,&nctx-
>s_remote_count);

  /* open second cursor */
  DISCARD OCIERROR(errhp,OCIHandleAlloc(tpcenv, (dvoid **)(&nctx-
>curn2),
            OCI_HTYPE_STMT, 0, (dvoid**)0));
  DISCARD sprintf ((char *) stmbuf, SQLTXT2);
  DISCARD OCIERROR(errhp,OCIStmtPrepare(nctx->curn2, errhp, stmbuf,
            strlen((char *)stmbuf), OCI_NTV_SYNTAX, OCI_DEFAULT));


  /* execute second cursor to init newinit package */
  {
    int idx1arr[NITEMS];
    OCIBind *idx1arr_bp;
    ub2 idx1arr_len[NITEMS];
    ub2 idx1arr_rcode[NITEMS];
    sb2 idx1arr_ind[NITEMS];
    ub4 idx1arr_count;
    ub2 idx;
```

```
   for (idx = 0; idx < NITEMS; idx++) {
     idx1arr[idx] = idx + 1;
     idx1arr_ind[idx] = TRUE;
     idx1arr_len[idx] = sizeof(int);
   }
   idx1arr_count = NITEMS;
              o_ol_cnt = NITEMS;


   /* Bind array */
   OCIBNDPLA(nctx->curn2, idx1arr_bp,errhp,":idx1arr",idx1arr,
         SIZ(int), SQLT_INT, idx1arr_len, NITEMS,&idx1arr_count);

    execstatus = OCIStmtExecute(tpcsvc,nctx->curn2,errhp,1,0,
              NULLP(CONST
OCISnapshot),NULLP(OCISnapshot),OCI_DEFAULT);
    if(execstatus != OCI_SUCCESS) {
      OCITransRollback(tpcsvc,errhp,OCI_DEFAULT);
      errcode = OCIERROR(errhp,execstatus);
              userlog("%d] newo_tx ERROR %s:%d - execstatus=%d, errcode=
%d\n",  getpid(), __FILE__, __LINE__, execstatus, errcode);
      return -1;
    }
  }
  return(0);
}

/****************************
 * END BLOCK OF COMMON CODE
 ****************************/



int get_newo_tx_cnt()
{
       return tx_count;
}


/*
 * This function executes the neworder transaction
 */


#if ACID
#include <sys/types.h>
#include <time.h>
time_t curtime, *timep = &curtime;
#endif

int neworder_tx(TPSVCINFO *rqst)
{

  int i;
  int  status, execstatus, errcode;
  int rcount;
  ub4  datelen;
  struct newo_inf *neworder_p;
#if ACID
              int reread;
              char sdate[30];
              time(timep);
              userlog("ACID NEWORDER started at %s\n", ctime(timep));
#endif

   neworder_p = (struct newo_inf *)(rqst->data);

   /* initialize the bind variables */
   MOVETO(w_id, neworder_p);
   MOVETO(d_id, neworder_p);
   MOVETO(c_id , neworder_p);
   MOVETO(o_ol_cnt, neworder_p);

   for (i = 0; i < 15; i++) {
     nol_i_id[i] = neworder_p->n_items[i].ol_i_id;
     nol_supply_w_id[i] = neworder_p->n_items[i].ol_supply_w_id;
     nol_quantity[i] =  neworder_p->n_items[i].ol_quantity;
   }

  retries = 0;

              for (i = 0; i < NITEMS; i++) indx[i] = i;
              q_sort(nol_i_id, neworder_p, 0, o_ol_cnt-1);

              tx_count++;

              strcpy(neworder_p->status_mesg, blank_mesg);
              /*            vgetdate((unsigned char *)cr_date);  */
    OCIERROR(errhp,OCIDateSysDate(errhp,&cr_date));
   datelen = sizeof(o_entry_d);
   OCIERROR(errhp,
      OCIDateToText(errhp,&cr_date,(text*)FULLDATE,SIZ(FULLDATE),
(text*)0,0,
                &datelen,o_entry_d));
retry:



  status = 0;                  /* number of invalid items */

  /* get number of order lines, and check if all are local */

  o_ol_cnt = NITEMS;
  o_all_local = 1;
  for (i = 0; i < NITEMS; i++) {
    if (nol_i_id[i] == 0) {
      o_ol_cnt = i;
      break;
    }
    if (nol_supply_w_id[i] != w_id) {
      nctx->s_remote[i] = 1;
      o_all_local = 0;
    }
    else
      nctx->s_remote[i] = 0;
  }

  nctx->w_id_len = sizeof(w_id);
  nctx->d_id_len = sizeof(d_id);
  nctx->c_id_len = sizeof(c_id);
  nctx->o_all_local_len = sizeof(o_all_local);
  nctx->o_ol_cnt_len = sizeof(o_ol_cnt);
  nctx->w_tax_len = 0;
  nctx->d_tax_len = 0;
  nctx->o_id_len = sizeof(o_id);
  nctx->c_discount_len = 0;
  nctx->c_credit_len = 0;
  nctx->c_last_len = 0;
  nctx->retries_len = sizeof(retries);
  nctx->cr_date_len = sizeof(cr_date);
  /* this is the row count */
  rcount = o_ol_cnt;
  nctx->nol_i_count = o_ol_cnt;
  nctx->nol_q_count = o_ol_cnt;
  nctx->nol_s_count = o_ol_cnt;
  nctx->s_remote_count = o_ol_cnt;

  nctx->nol_qty_count  = 0;
  nctx->nol_bg_count = 0;
  nctx->nol_item_count = 0;
  nctx->nol_name_count = 0;
  nctx->nol_am_count   = 0;

  /* initialization for array operations */
  for (i = 0; i < o_ol_cnt; i++) {
    nctx->ol_number[i] = i + 1;
    nctx->nol_i_id_len[i] = sizeof(int);
    nctx->nol_supply_w_id_len[i] = sizeof(int);
    nctx->nol_quantity_len[i] = sizeof(int);
    nctx->nol_amount_len[i] = sizeof(int);
    nctx->ol_o_id_len[i] = sizeof(int);
    nctx->ol_number_len[i] = sizeof(int);
    nctx->ol_dist_info_len[i] = nctx->s_dist_info_len[i];
    nctx->s_remote_len[i] = sizeof(int);
    nctx->s_quant_len[i] = sizeof(int);
    nctx->i_name_len[i]=0;
    nctx->s_bg_len[i] = 0;
  }
  for (i = o_ol_cnt; i < NITEMS; i++) {

    nctx->nol_i_id_len[i] = 0;
    nctx->nol_supply_w_id_len[i] = 0;
    nctx->nol_quantity_len[i] = 0;
    nctx->nol_amount_len[i] = 0;
    nctx->ol_o_id_len[i] = 0;
    nctx->ol_number_len[i] = 0;
    nctx->ol_dist_info_len[i] = 0;
    nctx->s_remote_len[i] = 0;
    nctx->s_quant_len[i] = 0;
    nctx->i_name_len[i]=0;
    nctx->s_bg_len[i] = 0;
  }
```

```
  execstatus = OCIStmtExecute(tpcsvc,nctx->curn1,errhp,1,0,0,0,
                                                OCI_DEFAULT |
OCI_COMMIT_ON_SUCCESS);


  if(execstatus != OCI_SUCCESS) {

    OCITransRollback(tpcsvc,errhp,OCI_DEFAULT);
    errcode = OCIERROR(errhp,execstatus);

    if(errcode == NOT_SERIALIZABLE) {
                retries++;
      userlog("%d] newo_tx ERROR - NOT SERIALIZE doing retry\n",
getpid());
                goto retry;
    } else if (errcode == RECOVERR) {
     userlog("%d] newo_tx ERROR - RECOVERR doing retry\n",  getpid());
                retries++;
                goto retry;
    } else if (errcode == SNAPSHOT_TOO_OLD) {
      userlog("%d] newo_tx ERROR - SNAPSHOP_TOO_OLD doing
retry\n",  getpid());
                retries++;
                goto retry;
    } else {
      userlog("%d] newo_tx ERROR %s:%d - execstatus=%d, errcode=
%d\n",  getpid(), __FILE__, __LINE__, execstatus, errcode);
      sprintf(neworder_p->status_mesg, "Unknown Error");
                return -1;
    }
  }

  /* did the txn succeed ? */

  if (rcount != o_ol_cnt) {
      MOVECBACK(c_credit, 2, neworder_p);
      MOVECBACK(c_last, 16, neworder_p);
      MOVEBACK(o_id , neworder_p);
//      This is an expected case.  This is the neworder rollback transaction
//      userlog("%d] newo_tx ERROR - rcount %d != o_ol_cnt %d\n",
getpid(), rcount, o_ol_cnt);
      sprintf(neworder_p->status_mesg, "Item number is not valid");
      return -1;
  }

  total = 0.0;
  for (i = 0; i < o_ol_cnt; i++) {
                strcpy(neworder_p->n_items[i].i_name, i_name[i]);
                neworder_p->n_items[i].s_quantity = s_quantity[i];
                brand_gen[i] = brand_generic[i][0];
                neworder_p->n_items[i].brand[0] = brand_gen[i];
                neworder_p->n_items[i].brand[1] = '\0';
                neworder_p->n_items[i].i_price = ((double)i_price[i]) / 100;
                neworder_p->n_items[i].ol_amount = (double)(nol_amount[i])/
100;
                total = total + nol_amount[i];
  }
  total *= ((double)(10000  - c_discount)/10000) *
                (1.0 + ((double)(d_tax)/10000) + ((double)(w_tax)/10000));
  total = total/100;

  /* fill in date for o_entry_d from time in beginning of txn
  cvtdmyhms((unsigned char *)cr_date, o_entry_d);
   */


  MOVEBACK(o_id , neworder_p);
  neworder_p->c_discount = ((double)c_discount) / 100;
  neworder_p->w_tax = ((double)w_tax) / 100;
  neworder_p->d_tax = ((double)d_tax) / 100;
  strncpy (neworder_p->o_entry_d, (char*)o_entry_d, 20);
  /*   MOVECBACK(o_entry_d, 20, neworder_p); */
  MOVECBACK(c_credit, 2, neworder_p);
  MOVECBACK(c_last, 16, neworder_p);
  MOVEBACK(total, neworder_p);

  q_sort(indx, neworder_p, 0,o_ol_cnt-1);


/****************************
 * END BLOCK OF COMMON CODE
 ****************************/

#if ACID
      time(timep);
      userlog("ACID NEWORDER w_id=%d, d_id=%d, c_id=%d, o_id=%d,
total=%f\n",
            w_id, d_id, c_id, o_id, total);
      userlog("ACID NEWORDER completed at %s\n", ctime(timep));
#endif
                return(0);
}


/* the arrays are initialized based on a successful select from */
/* stock/item. We need to shift the values in the orderline array */
/* one position up to compensate when we have an invalid item */

void
cleanup_newo(code)
int code;
{
                int i;


  if (nctx)
     free (nctx);

  OCIHandleFree((dvoid *)nctx->curn1,OCI_HTYPE_STMT);
  OCIHandleFree((dvoid *)nctx->curn2,OCI_HTYPE_STMT);
                exit(code);
}


void q_sort(int *arr,struct newo_inf *str,int left, int right)
{
  int i;

  if(left >= right)
    return;
  for(i=left+1;i<=right;i++)
    if(arr[i] < arr[left])
      swap(str,left,i);
  q_sort(arr,str,left+1,right);
}

void swap(struct newo_inf *str, int i, int j)
{
  int temp;
  double dtemp;
  char tmpstr[25];
  char tmpch[2];

  temp = indx[i];
  indx[i] = indx[j];
  indx[j] = temp;

  temp = nol_i_id[i];
  nol_i_id[i] = nol_i_id[j];
  nol_i_id[j] = temp;
 temp = nol_supply_w_id[i];
  nol_supply_w_id[i] = nol_supply_w_id[j];
  nol_supply_w_id[j] = temp;

  temp = nol_quantity[i];
  nol_quantity[i] = nol_quantity[j];
  nol_quantity[j] = temp;

  strncpy(tmpstr,str->n_items[i].i_name, 25);
  strncpy(str->n_items[i].i_name,str->n_items[j].i_name, 25);
  strncpy(str->n_items[j].i_name,tmpstr, 25);

  temp = str->n_items[i].s_quantity;
  str->n_items[i].s_quantity = str->n_items[j].s_quantity;
  str->n_items[j].s_quantity = temp;

/*
  tmpch = str->n_items[i].brand;
  str->n_items[i].brand= str->n_items[j].brand;
  str->n_items[j].brand= tmpch;
*/
  strncpy( tmpch ,str->n_items[i].brand, 2);
  strncpy(str->n_items[i].brand ,str->n_items[j].brand, 2);
  strncpy(str->n_items[j].brand ,tmpch, 2);

  dtemp = str->n_items[i].i_price;
  str->n_items[i].i_price = str->n_items[j].i_price;
  str->n_items[j].i_price = dtemp;

  dtemp = str->n_items[i].ol_amount;
  str->n_items[i].ol_amount = str->n_items[j].ol_amount;
  str->n_items[j].ol_amount = dtemp;
```

```
}

int NEWO( TPSVCINFO *rqst)
{
   if (neworder_tx(rqst)) {
      tpreturn(TPFAIL, 0, rqst->data, sizeof(struct newo_inf), 0);
   }
   else {
      tpreturn(TPSUCCESS, 0, rqst->data, sizeof(struct newo_inf), 0);
   }
}
```

tpcc_srv_ords.c

```
/*
 * Copyright (c) 1995 by Sun Microsystems, Inc.
 */

#pragma ident "@(#)tpcso_srv_ords.c          1.17          97/01/02    SMI"

/
*=====================================================
============+
 |      Copyright (c) 1995  Oracle Corp, Redwood Shores, CA      |
 |                OPEN SYSTEMS PERFORMANCE GROUP                 |
 |                    All Rights Reserved                        |
 +=====================================================
============+
 | FILENAME
 |    plord.c
 | DESCRIPTION
 |    OCI version (using PL/SQL stored procedure) of
 |    ORDER STATUS transaction in TPC-C benchmark.
/* Copyright (c) 2002, Oracle Corporation.  All rights reserved.  */

/*

   NAME
     tkvcordq.c - OCI version  using queues of ORDER STATUS
                  transaction in TPC-C benchmark.

   DESCRIPTION
     <short description of facility this file declares/defines>

   EXPORT FUNCTION(S)

   INTERNAL FUNCTION(S)
     <other external functions defined - one-line descriptions>

   STATIC FUNCTION(S)
     <static functions defined - one-line descriptions>

   NOTES
     <other useful comments, qualifications, etc.>

   MODIFIED   (MM/DD/YY)
   xnie       06/25/02 - queue open cluster join.
   heri       05/07/02 - Fix error in cursor.
   heri       02/01/02 - Cleanup, remove indicator values and return codes.
   lwang      07/25/01 - Merged lwang_tpccitrc
   lwang      07/23/01 - fix include
   lwang      07/23/01 - Creation
   *** As perf Mar 4, 2009 pre-audit: changes for interactive compliance;
added 'static'
 +=====================================================
============*/
#ifndef ORA_TPCC
# define ORA_TPCC
# include "tpcc.h"
#endif

#include <stdlib.h>
#include <unistd.h>
#include <signal.h>
#include <stdio.h>
#include <sys/types.h>
#include <sys/ipc.h>
#include <sys/msg.h>


/* Tuxedo */
#include "atmi.h"
#include "userlog.h"


struct ord_itm_inf {
        int ol_supply_w_id;
        int ol_i_id;
        int         ol_quantity;
        double ol_amount;
        char ol_delivery_d[11];
};

struct ord_inf {
        int o_ol_cnt;
        int w_id;
        int d_id;
        int c_id;
        int o_id;
        int o_carrier_id;
        double c_balance;
        char c_first[17];
        char c_middle[3];
        char c_last[17];
        text o_entry_d[20];
        struct ord_itm_inf o_items[15];
};

#define SQLTXT1 "alter session set isolation_level = serializable"

#define MOVETO(element, struct_name) element = struct_name->element
#define MOVEBACK(element, struct_name) struct_name->element =
element
#define MOVECBACK(element, cnt, struct_name) strncpy(struct_name-
>element, element, cnt)

/* List of fields in ordstat */
/* This structure should be EXACTLY identical to the one declared in client.h
*/
/* Lists of items on an order */


static int tx_count = 0;      /* Transaction counter */

#if ACID
#include <sys/types.h>
#include <time.h>
time_t curtime;
time_t *timep = &curtime;
#endif

/****************************
 * BEGIN BLOCK OF COMMON CODE
 ****************************/
/*-----------------------------------------------------------------------------
                STATIC FUNCTION DECLARATIONS
  -----------------------------------------------------------------------------*/



#define SQLCUR0 "SELECT rowid FROM cust \
        WHERE c_d_id = :d_id AND c_w_id = :w_id AND c_last =
:c_last \
        ORDER BY c_last, c_d_id, c_w_id, c_first"

#define SQLCUR1 "SELECT /*+ USE_NL(cust) INDEX_DESC(ordr iordr2)
*/  \
        c_id, c_balance, c_first, c_middle, c_last, \
        o_id, o_entry_d, o_carrier_id, o_ol_cnt, ordr.rowid \
        FROM cust, ordr \
        WHERE cust.rowid = :cust_rowid \
        AND   o_d_id = c_d_id AND o_w_id = c_w_id AND o_c_id =
c_id \
        ORDER BY o_c_id DESC, o_d_id DESC, o_w_id DESC, o_id
DESC"


#define SQLCUR2 "SELECT /*+ USE_NL(cust)  INDEX_DESC (ordr
iordr2) */   \
        c_balance, c_first, c_middle, c_last, \
        o_id, o_entry_d, o_carrier_id, o_ol_cnt, ordr.rowid \
        FROM cust, ordr \
        WHERE c_id = :c_id AND c_d_id = :d_id AND c_w_id = :w_id \
        AND o_d_id = c_d_id AND o_w_id = c_w_id AND o_c_id =
c_id \
        ORDER BY o_c_id DESC, o_d_id DESC, o_w_id DESC , o_id
DESC"

#define SQLCUR3 "SELECT  /*+ INDEX(ordl) */ \
       ol_i_id, ol_supply_w_id, ol_quantity, ol_amount, ol_delivery_d \
       FROM ordl \
       WHERE ol_o_id = :o_id AND  ol_d_id = :d_id AND ol_w_id =
:w_id"

#ifdef  OLDER_VERSION
```

```
#define SQLCUR3 "SELECT  /*+ ORDERED USE_NL(ordl)
CLUSTER(ordl) */ \
             ol_i_id, ol_supply_w_id, ol_quantity, ol_amount, ol_delivery_d \
            FROM ordr, ordl \
            WHERE ordr.rowid = :ordr_rowid \
             AND o_id = ol_o_id AND  ol_d_id = o_d_id AND ol_w_id =
o_w_id"
#endif

#define SQLCUR4 "SELECT count(c_last) FROM cust \
             WHERE c_d_id = :d_id AND c_w_id = :w_id AND c_last =
:c_last "


struct ordctx {

   ub2 c_rowid_len[100];
   ub2 ol_supply_w_id_len[NITEMS];
   ub2 ol_i_id_len[NITEMS];
   ub2 ol_quantity_len[NITEMS];
   ub2 ol_amount_len[NITEMS];
   ub2 ol_delivery_d_len[NITEMS];
   ub2 ol_w_id_len;
   ub2 ol_d_id_len;
   ub2 ol_o_id_len;


   ub4 ol_supply_w_id_csize;
   ub4 ol_i_id_csize;
   ub4 ol_quantity_csize;
   ub4 ol_amount_csize;
   ub4 ol_delivery_d_csize;
   ub4 ol_w_id_csize;
   ub4 ol_d_id_csize;
   ub4 ol_o_id_csize;

   OCIStmt *curo0;
   OCIStmt *curo1;
   OCIStmt *curo2;
   OCIStmt *curo3;
   OCIStmt *curo4;
   OCIBind *c_id_bp;
   OCIBind *w_id_bp[4];
   OCIBind *d_id_bp[4];
   OCIBind *c_last_bp[2];
   OCIBind *o_id_bp;
   OCIBind *c_rowid_bp;
  /*  OCIBind *o_rowid_bp;  */
   OCIDefine *c_rowid_dp;
   OCIDefine *c_last_dp[2];
   OCIDefine *c_id_dp;
   OCIDefine *c_first_dp[2];
   OCIDefine *c_middle_dp[2];
   OCIDefine *c_balance_dp[2];
   OCIDefine *o_rowid_dp[2];
   OCIDefine *o_id_dp[2];
   OCIDefine *o_entry_d_dp[2];
   OCIDefine *o_cr_id_dp[2];
   OCIDefine *o_ol_cnt_dp[2];
   OCIDefine *ol_d_d_dp;
   OCIDefine *ol_i_id_dp;
   OCIDefine *ol_supply_w_id_dp;
   OCIDefine *ol_quantity_dp;
   OCIDefine *ol_amount_dp;
   OCIDefine *ol_d_base_dp;
   OCIDefine *c_count_dp;
   OCIRowid *c_rowid_ptr[100];
   OCIRowid *c_rowid_cust;
   OCIRowid *o_rowid;
   int cs;
   int cust_idx;
   int norow;
   int rcount;
   int somerows;
};

typedef struct ordctx ordctx;

struct defctx
{
 boolean reexec;
 ub4 count;
};
typedef struct defctx defctx;

static ordctx *octx;

static defctx cbctx;


static OCIDate o_entry_d_base;
static OCIDate ol_d_base[15];
/*
unsigned char o_entry_d_base[7];
 unsigned char ol_d_base[15][7];
 */
/* struct ord_inf elements */
static int w_id;
static int d_id;
static int c_id;
static int o_id;
static int o_carrier_id;
static int o_ol_cnt;
static double c_balance;
static char c_first[17];
static char c_middle[3];
static char c_last[17];
/* char o_entry_d[20]; */
static text o_entry_d[20];
static ub4  datelen;

static int    ol_supply_w_id[15];
static int    ol_i_id[15];
static int    ol_quantity[15];
static int    ol_amount[15];
static ub4  ol_del_len[15];
static text   ol_delivery_d[15][11];

static int retries;
static int retries_serial;
static int retries_recoverr;
static int retries_snapshot;

/****************************
 * END BLOCK OF COMMON CODE
 ****************************/


int get_ords_tx_cnt()
{
        return tx_count;
}

/*
 * Function: init ordstat transaction
 * Prepare the ordstat transaction
 */

int init_ords_tx()
{

/****************************
 * BEGIN BLOCK OF COMMON CODE
 ****************************/

   int i;
   text stmbuf[SQL_BUF_SIZE];

                OCIStmt *curi;

   octx = (ordctx *) malloc (sizeof(ordctx));
   memset(octx,(char)0,sizeof(ordctx));
   octx->cs = 1;
   octx->norow = 0;
   octx->somerows = 10;
/* get the rowid handles */
   OCIERROR(errhp, OCIDescriptorAlloc((dvoid *)tpcenv,(dvoid **)&octx-
>o_rowid,
                  (ub4)OCI_DTYPE_ROWID, (size_t) 0, (dvoid **)0));
   for(i=0;i<100;i++) {
    DISCARD OCIERROR(errhp, OCIDescriptorAlloc(tpcenv,
                (dvoid**)&octx->c_rowid_ptr[i], OCI_DTYPE_ROWID,0,
(dvoid**)0));
   }


   DISCARD OCIERROR(errhp,
     OCIHandleAlloc(tpcenv,(dvoid**)&octx->curo0,OCI_HTYPE_STMT,0,
(dvoid**)0));
   DISCARD OCIERROR(errhp,
     OCIHandleAlloc(tpcenv,(dvoid**)&octx->curo1,OCI_HTYPE_STMT,0,
(dvoid**)0));
   DISCARD OCIERROR(errhp,
     OCIHandleAlloc(tpcenv,(dvoid**)&octx->curo2,OCI_HTYPE_STMT,0,
```

```
(dvoid**)0));
  DISCARD OCIERROR(errhp,
   OCIHandleAlloc(tpcenv,(dvoid**)&octx->curo3,OCI_HTYPE_STMT,0,
(dvoid**)0));
  DISCARD OCIERROR(errhp,
   OCIHandleAlloc(tpcenv,(dvoid**)&octx->curo4,OCI_HTYPE_STMT,0,
(dvoid**)0));

/*  c_id = 0, use find customer by lastname. Get an array or rowid's back*/
  DISCARD sprintf((char *) stmbuf, SQLCUR0);
  DISCARD OCIERROR(errhp,
    OCIStmtPrepare(octx->curo0,errhp,stmbuf,(ub4)strlen((char *)stmbuf),
                    OCI_NTV_SYNTAX,OCI_DEFAULT));
  DISCARD OCIERROR(errhp,
    OCIAttrSet(octx->curo0,OCI_HTYPE_STMT,&octx->norow,0,
            OCI_ATTR_PREFETCH_ROWS,errhp));
/* get order/customer info back based on rowid */
  DISCARD sprintf((char *) stmbuf, SQLCUR1);
  DISCARD OCIERROR(errhp,
    OCIStmtPrepare(octx->curo1,errhp,stmbuf,(ub4)strlen((char *)stmbuf),
                OCI_NTV_SYNTAX,OCI_DEFAULT));
  DISCARD OCIERROR(errhp,
    OCIAttrSet(octx->curo1,OCI_HTYPE_STMT,&octx->norow,0,
            OCI_ATTR_PREFETCH_ROWS,errhp));

/*  c_id == 0, use lastname to find customer */
  DISCARD sprintf((char *) stmbuf, SQLCUR2);
  DISCARD OCIERROR(errhp,
    OCIStmtPrepare(octx->curo2,errhp,stmbuf,(ub4)strlen((char *)stmbuf),
                OCI_NTV_SYNTAX,OCI_DEFAULT));
  DISCARD OCIERROR(errhp,
    OCIAttrSet(octx->curo2,OCI_HTYPE_STMT,&octx->norow,0,
            OCI_ATTR_PREFETCH_ROWS,errhp));

  DISCARD sprintf((char *) stmbuf, SQLCUR3);
  DISCARD OCIERROR(errhp,
    OCIStmtPrepare(octx->curo3,errhp,stmbuf,(ub4)strlen((char *)stmbuf),
                OCI_NTV_SYNTAX,OCI_DEFAULT));
  DISCARD OCIERROR(errhp,
    OCIAttrSet(octx->curo3,OCI_HTYPE_STMT,&octx->norow,0,
            OCI_ATTR_PREFETCH_ROWS,errhp));

  DISCARD sprintf((char *) stmbuf, SQLCUR4);
  DISCARD OCIERROR(errhp,
    OCIStmtPrepare(octx->curo4,errhp,stmbuf,(ub4)strlen((char *)stmbuf),
                OCI_NTV_SYNTAX,OCI_DEFAULT));
  DISCARD OCIERROR(errhp,
    OCIAttrSet(octx->curo4,OCI_HTYPE_STMT,&octx->norow,0,
            OCI_ATTR_PREFETCH_ROWS,errhp));

  for (i = 0; i < NITEMS; i++) {

    octx->ol_supply_w_id_len[i] = sizeof(int);
    octx->ol_i_id_len[i] = sizeof(int);
    octx->ol_quantity_len[i] = sizeof(int);
    octx->ol_amount_len[i] = sizeof(int);
    octx->ol_delivery_d_len[i] = sizeof(ol_d_base[0]);
  }
  octx->ol_supply_w_id_csize = NITEMS;
  octx->ol_i_id_csize = NITEMS;
  octx->ol_quantity_csize = NITEMS;
  octx->ol_amount_csize = NITEMS;
  octx->ol_delivery_d_csize = NITEMS;
  octx->ol_w_id_csize = NITEMS;
  octx->ol_o_id_csize = NITEMS;
  octx->ol_d_id_csize = NITEMS;
  octx->ol_w_id_len = sizeof(int);
  octx->ol_d_id_len = sizeof(int);
  octx->ol_o_id_len = sizeof(int);

  /* bind variables */

  /* c_id (customer id) is not known */
  OCIBND(octx->curo0,octx->w_id_bp[0],errhp,":w_id",ADR(w_id),
       SIZ(int),SQLT_INT);
  OCIBND(octx->curo0,octx->d_id_bp[0],errhp,":d_id",ADR(d_id),
       SIZ(int),SQLT_INT);
  OCIBND(octx->curo0,octx->c_last_bp[0],errhp,":c_last",c_last,
       SIZ(c_last), SQLT_STR);
  OCIDFNRA(octx->curo0,octx->c_rowid_dp,errhp,1,octx->c_rowid_ptr,
        SIZ(OCIRowid*), SQLT_RDD, NULL, octx->c_rowid_len, NULL);

  OCIBND(octx->curo1,octx->c_rowid_bp,errhp,":cust_rowid", &octx-
>c_rowid_cust,
       sizeof( octx->c_rowid_ptr[0]),SQLT_RDD);
  OCIDEF(octx->curo1,octx-
>c_id_dp,errhp,1,ADR(c_id),SIZ(int),SQLT_INT);
  OCIDEF(octx->curo1,octx->c_balance_dp[0],errhp,2,ADR(c_balance),
       SIZ(double),SQLT_FLT);
  OCIDEF(octx->curo1,octx->c_first_dp[0],errhp,3,c_first,SIZ(c_first)-1,
       SQLT_CHR);
  OCIDEF(octx->curo1,octx->c_middle_dp[0],errhp,4,c_middle,
       SIZ(c_middle)-1,SQLT_AFC);
  OCIDEF(octx->curo1,octx->c_last_dp[0],errhp,5,c_last,SIZ(c_last)-1,
       SQLT_CHR);
  OCIDEF(octx->curo1,octx-
>o_id_dp[0],errhp,6,ADR(o_id),SIZ(int),SQLT_INT);
  OCIDEF(octx->curo1,octx->o_entry_d_dp[0],errhp,7,
       &o_entry_d_base,SIZ(OCIDate),SQLT_ODT);
  OCIDEF(octx->curo1,octx->o_cr_id_dp[0],errhp,8,ADR(o_carrier_id),
       SIZ(int),SQLT_INT);
  OCIDEF(octx->curo1,octx->o_ol_cnt_dp[0],errhp,9,ADR(o_ol_cnt),
       SIZ(int),SQLT_INT);
  OCIDEF(octx->curo1,octx->o_rowid_dp[0],errhp,10,ADR(octx->o_rowid),
       SIZ(OCIRowid*),SQLT_RDD);


/* Bind for third cursor , no-zero customer id */
  OCIBND(octx->curo2,octx->w_id_bp[1],errhp,":w_id",ADR(w_id),
       SIZ(int),SQLT_INT);
  OCIBND(octx->curo2,octx->d_id_bp[1],errhp,":d_id",ADR(d_id),
            SIZ(int),SQLT_INT);
  OCIBND(octx->curo2,octx->c_id_bp,errhp,":c_id",ADR(c_id),
            SIZ(int),SQLT_INT);
  OCIDEF(octx->curo2,octx->c_balance_dp[1],errhp,1,ADR(c_balance),
            SIZ(double),SQLT_FLT);
  OCIDEF(octx->curo2,octx->c_first_dp[1],errhp,2,c_first,SIZ(c_first)-1,
       SQLT_CHR);
  OCIDEF(octx->curo2,octx->c_middle_dp[1],errhp,3,c_middle,
       SIZ(c_middle)-1,SQLT_AFC);
  OCIDEF(octx->curo2,octx->c_last_dp[1],errhp,4,c_last,SIZ(c_last)-1,
       SQLT_CHR);
  OCIDEF(octx->curo2,octx-
>o_id_dp[1],errhp,5,ADR(o_id),SIZ(int),SQLT_INT);
  OCIDEF(octx->curo2,octx->o_entry_d_dp[1],errhp,6, &o_entry_d_base,
       SIZ(OCIDate),SQLT_ODT);
  OCIDEF(octx->curo2, octx->o_cr_id_dp[1],errhp,7,ADR(o_carrier_id),
       SIZ(int), SQLT_INT);
  OCIDEF(octx->curo2,octx->o_ol_cnt_dp[1],errhp,8,ADR(o_ol_cnt),
       SIZ(int),SQLT_INT);
  OCIDEF(octx->curo2,octx->o_rowid_dp[1],errhp,9,ADR(octx->o_rowid),
       SIZ(OCIRowid*),SQLT_RDD);
/* Bind for last cursor */

  OCIBND(octx->curo3,octx->w_id_bp[2],errhp,":w_id",ADR(w_id),
SIZ(int),SQLT_INT);
  OCIBND(octx->curo3,octx->d_id_bp[2],errhp,":d_id",ADR(d_id),
SIZ(int),SQLT_INT);
  OCIBND(octx->curo3,octx->o_id_bp,errhp,":o_id",ADR(o_id),
SIZ(int),SQLT_INT);
/*
  OCIBND(octx->curo3,octx->c_id_bp,errhp,":c_id",ADR(c_id),
SIZ(int),SQLT_INT);
 */

  /*
   OCIBND(octx->curo3,octx->o_rowid_bp,errhp,":ordr_rowid",
       &octx->o_rowid, SIZ(OCIRowid*),SQLT_RDD);
          */

  OCIDFNRA(octx->curo3, octx->ol_i_id_dp, errhp, 1,
ol_i_id,SIZ(int),SQLT_INT,
            NULL,octx->ol_i_id_len, NULL);
  OCIDFNRA(octx->curo3,octx->ol_supply_w_id_dp,errhp,2,
ol_supply_w_id,
       SIZ(int),SQLT_INT, NULL,
       octx->ol_supply_w_id_len, NULL);
  OCIDFNRA(octx->curo3, octx->ol_quantity_dp,errhp,3,
ol_quantity,SIZ(int),
       SQLT_INT, NULL,octx->ol_quantity_len, NULL);
  OCIDFNRA(octx->curo3,octx->ol_amount_dp,errhp,4,ol_amount,
SIZ(int),
       SQLT_INT,NULL, octx->ol_amount_len, NULL);
  OCIDFNRA(octx->curo3,octx-
>ol_d_base_dp,errhp,5,ol_d_base,SIZ(OCIDate),
       SQLT_ODT, NULL,octx->ol_delivery_d_len,NULL);

  OCIBND(octx->curo4,octx->w_id_bp[3],errhp,":w_id",ADR(w_id),
       SIZ(int),SQLT_INT);
  OCIBND(octx->curo4,octx->d_id_bp[3],errhp,":d_id",ADR(d_id),
       SIZ(int),SQLT_INT);
  OCIBND(octx->curo4,octx->c_last_bp[1],errhp,":c_last",c_last,
       SIZ(c_last), SQLT_STR);
  OCIDEF(octx->curo4,octx->c_count_dp,errhp,1,ADR(octx-
```

```
>rcount),SIZ(int),
        SQLT_INT);


  return (0);

}

/****************************
 * END BLOCK OF COMMON CODE
 ****************************/

int ordstat_tx(TPSVCINFO *rqst)
{
            int i;
            int execstatus, rcount,errcode;
            struct ord_inf *ordstat_p;
            ordstat_p = (struct ord_inf *)(rqst->data);

            tx_count++;
#if ACID
            time(timep);
            userlog("ACID ORDSTAT Transaction begun at %s\n",
ctime(timep));
#endif

/****************************
 * BEGIN BLOCK OF COMMON CODE
 ****************************/
  retries = 0;
  retries_serial = 0;
  retries_recoverr = 0;
  retries_snapshot = 0;


  for (i = 0; i < NITEMS; i++) {
    octx->ol_supply_w_id_len[i] = sizeof(int);
    octx->ol_i_id_len[i] = sizeof(int);
    octx->ol_quantity_len[i] = sizeof(int);
    octx->ol_amount_len[i] = sizeof(int);
    octx->ol_delivery_d_len[i] = sizeof(OCIDate);
  }
  octx->ol_supply_w_id_csize = NITEMS;
  octx->ol_i_id_csize = NITEMS;
  octx->ol_quantity_csize = NITEMS;
  octx->ol_amount_csize = NITEMS;
  octx->ol_delivery_d_csize = NITEMS;

retry:
  MOVETO(w_id, ordstat_p);
  MOVETO(d_id, ordstat_p);
  MOVETO(c_id, ordstat_p);

  if(c_id == 0) // by last name
  {
     strcpy(c_last, ordstat_p->c_last);
    cbctx.reexec = FALSE;
    execstatus=OCIStmtExecute(tpcsvc,octx->curo0,errhp,100,0,
            NULLP(CONST
OCISnapshot),NULLP(OCISnapshot),OCI_DEFAULT);
    /* will get OCI_NO_DATA if <100 found */
    if ((execstatus != OCI_NO_DATA) && (execstatus != OCI_SUCCESS))
    {
     errcode=OCIERROR(errhp, execstatus);
     if((errcode == NOT_SERIALIZABLE) || (errcode == RECOVERR) ||
(errcode == SNAPSHOT_TOO_OLD))
     {
      DISCARD OCITransCommit(tpcsvc,errhp,OCI_DEFAULT);
      retries++;
      goto retry;
     } else {
      userlog("%d] ordstat_tx ERROR %s:%d - EXITING -1, execstatus=%d,
errcode=%d\n",  getpid(), __FILE__, __LINE__, execstatus, errcode);
      return -1;
     }
    }
    if (execstatus == OCI_NO_DATA) /* there are no more rows */
    {
     /* get rowcount, find middle one */
     DISCARD OCIAttrGet(octx-
>curo0,OCI_HTYPE_STMT,&rcount,NULL,
                OCI_ATTR_ROW_COUNT,errhp);
     if (rcount <1)
     {
      userlog("ORDERSTATUS  rcount=%d, w_id=%d, d_id=%d, c_id=%d,
c_last=%s, in_w_id=%d, in_d_id=%d, in_c_id=%d, in_c_last=%s.\n",rcount,
w_id, d_id, c_id, c_last,
                        ordstat_p->w_id, ordstat_p->d_id, ordstat_p->c_id,
ordstat_p->c_last);
      return (-1);
     }
     octx->cust_idx=(rcount)/2 ;
    }
    else
    {

     /* count the number of rows */
     execstatus=OCIStmtExecute(tpcsvc,octx->curo4,errhp,1,0,
            NULLP(CONST
OCISnapshot),NULLP(OCISnapshot),OCI_DEFAULT);
     if ((execstatus != OCI_NO_DATA) && (execstatus != OCI_SUCCESS))
     {
            errcode=OCIERROR(errhp, execstatus);
      if ((errcode == NOT_SERIALIZABLE) || (errcode == RECOVERR))
      {
       DISCARD OCITransCommit(tpcsvc,errhp,OCI_DEFAULT);
       retries++;
       goto retry;
      } else {
            userlog("%d] ordstat_tx ERROR %s:%d - EXITING -1,
execstatus=%d, errcode=%d\n",  getpid(), __FILE__, __LINE__, execstatus,
errcode);
       return -1;
      }
     }
     if (octx->rcount+1 < 2*10 ) {
      octx->cust_idx=(octx->rcount+1)/2 ;
     }
     else
     {

      cbctx.reexec = TRUE;
      cbctx.count = (octx->rcount+1)/2 ;
      execstatus=OCIStmtExecute(tpcsvc,octx->curo0,errhp,cbctx.count,
                    0,NULLP(CONST OCISnapshot),
                    NULLP(OCISnapshot),OCI_DEFAULT);
      /* will get OCI_NO_DATA if <100 found */
      if (cbctx.count > 0)
      {
       userlog ("did not get all rows ");
       return (-1);
      }

      if ((execstatus != OCI_NO_DATA) && (execstatus !=
OCI_SUCCESS))
      {
       errcode=OCIERROR(errhp, execstatus);
       if((errcode == NOT_SERIALIZABLE) || (errcode == RECOVERR))
       {
        DISCARD OCITransCommit(tpcsvc,errhp,OCI_DEFAULT);
        retries++;
        goto retry;
       } else {
                    userlog("%d] ordstat_tx ERROR %s:%d - EXITING
-1, execstatus=%d, errcode=%d\n",  getpid(), __FILE__, __LINE__,
execstatus, errcode);
            return -1;
       }
      }
      octx->cust_idx=0 ;
     }
    }

    octx->c_rowid_cust = octx->c_rowid_ptr[octx->cust_idx];
    execstatus=OCIStmtExecute(tpcsvc,octx->curo1,errhp,1,0,
            NULLP(CONST
OCISnapshot),NULLP(OCISnapshot),OCI_DEFAULT);
    if (execstatus != OCI_SUCCESS)
    {
     errcode=OCIERROR(errhp,execstatus);
     DISCARD OCITransCommit(tpcsvc,errhp,OCI_DEFAULT);
     if((errcode == NOT_SERIALIZABLE) || (errcode == RECOVERR)
            || (errcode == SNAPSHOT_TOO_OLD))
     {
      retries++;
      goto retry;
      } else {
                    userlog("%d] ordstat_tx ERROR %s:%d - EXITING
-1, execstatus=%d, errcode=%d\n",  getpid(), __FILE__, __LINE__,
execstatus, errcode);
      return -1;
     }
    }
   }
```

```
  else
  {
            c_last[1] = '\0';
   execstatus=OCIStmtExecute(tpcsvc,octx->curo2,errhp,1,0,
                  NULLP(CONST OCISnapshot),NULLP(OCISnapshot),
                  OCI_DEFAULT);
   if (execstatus != OCI_SUCCESS)
   {
    errcode=OCIERROR(errhp,execstatus);
    DISCARD OCITransCommit(tpcsvc,errhp,OCI_DEFAULT);
    if((errcode == NOT_SERIALIZABLE) || (errcode == RECOVERR)
              || (errcode == SNAPSHOT_TOO_OLD))
    {
     retries++;
     goto retry;
    }
    else
    {
              userlog("%d] ordstat_tx ERROR %s:%d - EXITING -1,
execstatus=%d, errcode=%d\n",  getpid(), __FILE__, __LINE__, execstatus,
errcode);
     return -1;
    }
   }
  }
  octx->ol_w_id_len = sizeof(int);
  octx->ol_d_id_len = sizeof(int);
  octx->ol_o_id_len = sizeof(int);

  execstatus = OCIStmtExecute(tpcsvc,octx->curo3,errhp,o_ol_cnt,0,
                  NULLP(CONST OCISnapshot),NULLP(OCISnapshot),
                  OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS);
  if (execstatus != OCI_SUCCESS )
  {
   errcode=OCIERROR(errhp,execstatus);
   DISCARD OCITransCommit(tpcsvc,errhp,OCI_DEFAULT);
   if((errcode == NOT_SERIALIZABLE) || (errcode == RECOVERR)
              || (errcode == SNAPSHOT_TOO_OLD))
   {
    retries++;
    goto retry;
   }
   else
   {
              userlog("%d] ordstat_tx ERROR %s:%d - EXITING -1,
execstatus=%d, errcode=%d\n",  getpid(), __FILE__, __LINE__, execstatus,
errcode);
    return -1;
   }

  }

 /* clean up and convert the delivery dates  put out debug return data*/
  for (i = 0; i < o_ol_cnt; i++)
  {
   ol_del_len[i]=sizeof(ol_delivery_d[i]);
   DISCARD OCIERROR(errhp,OCIDateToText(errhp,&ol_d_base[i],
     (const text*)SHORTDATE,(ub1)strlen(SHORTDATE),(text*)0,0,
        &ol_del_len[i],  ordstat_p->o_items[i].ol_delivery_d));
/*
            cvtdmy(ol_d_base[i],ol_delivery_d[i]);
cvtdmyhms(o_entry_d_base, ordstat_p->o_entry_d);
*/
    ordstat_p->o_items[i].ol_supply_w_id =  ol_supply_w_id[i];
    ordstat_p->o_items[i].ol_i_id =  ol_i_id[i];
    ordstat_p->o_items[i].ol_quantity =  ol_quantity[i];
    ordstat_p->o_items[i].ol_amount =  (double)(ol_amount[i])/ 100;

  }


  datelen = sizeof(ordstat_p->o_entry_d);
  OCIERROR(errhp,
     OCIDateToText(errhp,&o_entry_d_base,
(text*)FULLDATE,SIZ(FULLDATE),(text*)0,0,
            &datelen, ordstat_p->o_entry_d));


/****************************
 * END BLOCK OF COMMON CODE
 ****************************/

#if ACID
            time(timep);
            userlog("ACID ORDSTAT for w_id = %d, d_id = %d, c_id = %d,
o_id = %d\n",
                  w_id, d_id, c_id, o_id);
            userlog("ACID ORDSTAT Transaction completed at %s\n",
ctime(timep));
#endif

            MOVEBACK(o_id, ordstat_p);
            MOVEBACK(o_carrier_id, ordstat_p);
            MOVEBACK(o_ol_cnt, ordstat_p);
            /* MOVEBACK(c_balance, ordstat_p); */
            ordstat_p->c_balance = c_balance / 100; /* convert to dollars &
cents */
            MOVECBACK(c_first, 16, ordstat_p);
            MOVECBACK(c_middle, 2, ordstat_p);
            MOVECBACK(c_last, 16, ordstat_p);
            /*          MOVECBACK(o_entry_d, 19, ordstat_p);   already
done */

/* for search by clastname
 */

            MOVEBACK(c_id, ordstat_p);
            return(0);
}


void cleanup_ords(int code)
{
            if (octx)
                  free(octx);
  /* log off */
  exit(code);
}

int ORDS(TPSVCINFO *rqst)
{
      if (ordstat_tx(rqst) )
            tpreturn(TPFAIL, 0, rqst->data, sizeof(struct ord_inf), 0);
      else
            tpreturn(TPSUCCESS, 0, rqst->data, sizeof(struct ord_inf), 0);
}
```

tpcc_srv_paym.c

```
/*
 * Copyright (c) 1995 by Sun Microsystems, Inc.
 */

#pragma ident "@(#)tpcso_srv_paym.c        1.17        97/01/02    SMI"

/
*=====================================================================
============+
 |      Copyright (c) 1995  Oracle Corp, Redwood Shores, CA      |
 |                OPEN SYSTEMS PERFORMANCE GROUP                 |
 |                   All Rights Reserved                         |
 +=====================================================================
============+
 | FILENAME
 |   plpay.c
 | DESCRIPTION
 |   OCI version (using PL/SQL stored procedure) of
 |   PAYMENT transaction in TPC-C benchmark.
 | *** As perf Mar 4, 2009 pre-audit: changes for interactive compliance
 +=====================================================================
============*/
#ifndef ORA_TPCC
# define ORA_TPCC
# include "tpcc.h"
#endif


#include <stdlib.h>
#include <unistd.h>
#include <signal.h>
#include <stdio.h>
#include <sys/types.h>
#include <sys/ipc.h>
#include <sys/msg.h>

/* Tuxedo */
#include "atmi.h"
#include "userlog.h"


static int tx_count = 0;

/*#include "proc_stat.h" */
```

```
#define MOVETO(element, struct_name) \
                                        element = struct_name ->
element
#define MOVEBACK(element, struct_name) \
                                        struct_name -> element =
element
#define MOVECTO(element, cnt, struct_name) {
                    \
                                        int         i;
                            \
                                        strncpy(element, struct_name ->
element, cnt); \
                                        element[cnt] = '\0';
                    \
                                        for(i=0; i<=cnt; i++)
                    \
                                        {
                            \
        if(isspace(element[i]))         \
                                                {
                            \
                                                        element[i]
= '\0';     \
                            \
                                                }
                            \
                                        }
                            \
                            }
#define MOVECBACK(element, cnt, struct_name) \
                                        strncpy(struct_name -> element,
element, cnt)
struct pay_inf {
        int         w_id;
        int         d_id;
        int         c_id;
        int         c_w_id;
        int         c_d_id;
        double h_amount;
        double c_credit_lim;
        double c_balance;
        double c_discount;
        char h_date[20];
        char w_street_1[21];
        char w_street_2[21];
        char w_city[21];
        char w_state[3];
        char w_zip[11];
        char d_street_1[21];
        char d_street_2[21];
        char d_city[21];
        char d_state[3];
        char d_zip[11];
        char c_first[17];
        char c_middle[3];
        char c_last[17];
        char c_street_1[21];
        char c_street_2[21];
        char c_city[21];
        char c_state[3];
        char c_zip[11];
        char c_phone[17];
        char c_since[11];
        char c_credit[3];
        char c_data[201];
};

#if ACID
#include <sys/types.h>
#include <time.h>
static time_t curtime;
static time_t *timep = &curtime;
#endif

/****************************
 * BEGIN BLOCK OF COMMON CODE
 ****************************/
static OCIDate cr_date;
static OCIDate c_since;

/* List of fields in payment */

static int retry;
static char c_data[201];

static int    w_id;
static int    d_id;
static int    c_id, bylastname;
static int    c_w_id;
static int    c_d_id;
static int h_amount;
static int c_credit_lim;
static double c_balance;
static float c_discount;
/*char h_date[20]; */
static text h_date[20];
static char w_street_1[21];
static char w_street_2[21];
static char w_city[21];
static char w_state[3];
static char w_zip[10];
static char d_street_1[21];
static char d_street_2[21];
static char d_city[21];
static char d_state[3];
static char d_zip[10];
static char c_first[17];
static char c_middle[3];
static char c_last[17];
static char c_street_1[21];
static char c_street_2[21];
static char c_city[21];
static char c_state[3];
static char c_zip[10];
static char c_phone[17];
static text c_since_d[11];
static char c_credit[3];
static int     retries;

#define SQLTXT_INIT "BEGIN inittpcc.init_pay; END;"

struct payctx {
  OCIStmt *curpi;
  OCIStmt *curp0;
  OCIStmt *curp1;
  OCIBind *w_id_bp[2];
  ub2 w_id_len;

  OCIBind *d_id_bp[2];
  ub2 d_id_len;

  OCIBind *c_w_id_bp[2];
  ub2 c_w_id_len;

  OCIBind *c_d_id_bp[2];
  ub2 c_d_id_len;

  OCIBind *c_id_bp[2];
  ub2 c_id_len;

  OCIBind *h_amount_bp[2];
  ub2 h_amount_len;

  OCIBind *c_last_bp[2];
  ub2 c_last_len;

  OCIBind *w_street_1_bp[2];
  ub2 w_street_1_len;

  OCIBind *w_street_2_bp[2];
  ub2 w_street_2_len;

  OCIBind *w_city_bp[2];
  ub2 w_city_len;

  OCIBind *w_state_bp[2];
  ub2 w_state_len;

  OCIBind *w_zip_bp[2];
  ub2 w_zip_len;

  OCIBind *d_street_1_bp[2];
  ub2 d_street_1_len;

  OCIBind *d_street_2_bp[2];
  ub2 d_street_2_len;
```

```
OCIBind *d_city_bp[2];
ub2 d_city_len;

OCIBind *d_state_bp[2];
ub2 d_state_len;

OCIBind *d_zip_bp[2];
ub2 d_zip_len;

OCIBind *c_first_bp[2];
ub2 c_first_len;

OCIBind *c_middle_bp[2];
ub2 c_middle_len;

OCIBind *c_street_1_bp[2];
ub2 c_street_1_len;

OCIBind *c_street_2_bp[2];
ub2 c_street_2_len;

OCIBind *c_city_bp[2];
ub2 c_city_len;

OCIBind *c_state_bp[2];
ub2 c_state_len;

OCIBind *c_zip_bp[2];
ub2 c_zip_len;

OCIBind *c_phone_bp[2];
ub2 c_phone_len;

OCIBind *c_since_bp[2];
ub2 c_since_len;

OCIBind *c_credit_bp[2];
ub2 c_credit_len;

OCIBind *c_credit_lim_bp[2];
ub2 c_credit_lim_len;

OCIBind *c_discount_bp[2];
ub2 c_discount_len;

OCIBind *c_balance_bp[2];
ub2 c_balance_len;

OCIBind *c_data_bp[2];
ub2 c_data_len;

OCIBind *h_date_bp[2];
ub2 h_date_len;

OCIBind *retries_bp[2];
ub2 retries_len;
 OCIBind *cr_date_bp[2];
 ub2 cr_date_len;

 OCIBind *byln_bp[2];
 ub2 byln_len;
};

typedef struct payctx payctx;


static payctx *pctx;

/****************************
 * END BLOCK OF COMMON CODE
 ****************************/


int get_paym_tx_cnt()
{
      return tx_count;
}


/*
 * Function: init payment transaction
 * Prepare the payment transaction
 */

/****************************
 * BEGIN BLOCK OF COMMON CODE
 ****************************/


int init_paym_tx()
{


  text stmbuf[SQL_BUF_SIZE];
  pctx = (payctx *)malloc(sizeof(payctx));
  memset(pctx,(char)0,sizeof(payctx));


/* cursor for init */
  DISCARD OCIERROR(errhp,OCIHandleAlloc(tpcenv, (dvoid **)(&(pctx-
>curpi)),
        OCI_HTYPE_STMT,0,(dvoid**)0));

  DISCARD OCIERROR(errhp,OCIHandleAlloc(tpcenv, (dvoid **)(&(pctx-
>curp0)),
        OCI_HTYPE_STMT,0,(dvoid**)0));
  DISCARD OCIERROR(errhp,OCIHandleAlloc(tpcenv, (dvoid **)(&(pctx-
>curp1)),
        OCI_HTYPE_STMT,0,(dvoid**)0));

  /*  build the init statement  and execute it */

  sprintf ((char*)stmbuf, SQLTXT_INIT);
  DISCARD OCIERROR(errhp,OCIStmtPrepare(pctx->curpi, errhp, stmbuf,
        strlen((char *)stmbuf), OCI_NTV_SYNTAX, OCI_DEFAULT));
  DISCARD OCIERROR(errhp, OCIStmtExecute(tpcsvc,pctx-
>curpi,errhp,1,0,
            NULLP(CONST
OCISnapshot),NULLP(OCISnapshot),OCI_DEFAULT));

  /* customer id !=  0, go by last name */

  sqlfile("paynz.sql",stmbuf);
  DISCARD OCIERROR(errhp,OCIStmtPrepare(pctx->curp0, errhp, stmbuf,
        strlen((char *)stmbuf), OCI_NTV_SYNTAX, OCI_DEFAULT));

  /* customer id ==  0, go by last name */

  sqlfile("payz.sql",stmbuf); /* sqlfile opens $O/bench/.../blocks/... */
  DISCARD OCIERROR(errhp,OCIStmtPrepare(pctx->curp1, errhp, stmbuf,
        strlen((char *)stmbuf), OCI_NTV_SYNTAX, OCI_DEFAULT));

 pctx->w_id_len = SIZ(w_id);
 pctx->d_id_len = SIZ(d_id);
 pctx->c_w_id_len = SIZ(c_w_id);
 pctx->c_d_id_len = SIZ(c_d_id);
 pctx->c_id_len = 0;
 pctx->h_amount_len = SIZ(h_amount);
 pctx->c_last_len = 0;
 pctx->w_street_1_len = 0;
 pctx->w_street_2_len = 0;
 pctx->w_city_len = 0;
 pctx->w_state_len = 0;
 pctx->w_zip_len = 0;
 pctx->d_street_1_len = 0;
 pctx->d_street_2_len = 0;
 pctx->d_city_len = 0;
 pctx->d_state_len = 0;
 pctx->d_zip_len = 0;
 pctx->c_first_len = 0;
 pctx->c_middle_len = 0;
 pctx->c_street_1_len = 0;
 pctx->c_street_2_len = 0;
 pctx->c_city_len = 0;
 pctx->c_state_len = 0;
 pctx->c_zip_len = 0;
 pctx->c_phone_len = 0;
 pctx->c_since_len = 0;
 pctx->c_credit_len = 0;
 pctx->c_credit_lim_len = 0;
 pctx->c_discount_len = 0;
 pctx->c_balance_len = sizeof(double);
 pctx->c_data_len = 0;
 pctx->h_date_len = 0;
 pctx->retries_len =SIZ(retries) ;
 pctx->cr_date_len = 7;


 /* bind variables */
```

```
  OCIBNDPL(pctx->curp0, pctx->w_id_bp[0],
errhp,":w_id",ADR(w_id),SIZ(int),
        SQLT_INT, NULL);
  OCIBNDPL(pctx->curp0, pctx->d_id_bp[0],
errhp,":d_id",ADR(d_id),SIZ(int),
        SQLT_INT, NULL);
  OCIBND(pctx->curp0, pctx->c_w_id_bp[0],
errhp,":c_w_id",ADR(c_w_id),SIZ(int),
        SQLT_INT);
  OCIBND(pctx->curp0, pctx->c_d_id_bp[0],
errhp,":c_d_id",ADR(c_d_id),SIZ(int),
        SQLT_INT);
  OCIBND(pctx->curp0, pctx->c_id_bp[0],
errhp,":c_id",ADR(c_id),SIZ(int),
        SQLT_INT);
  OCIBNDPL(pctx->curp0, pctx->h_amount_bp[0],
errhp,":h_amount",ADR(h_amount),
        SIZ(int),SQLT_INT,  &pctx->h_amount_len);
  OCIBNDPL(pctx->curp0, pctx->c_last_bp[0],
errhp,":c_last",c_last,SIZ(c_last),
        SQLT_STR, &pctx->c_last_len);
  OCIBNDPL(pctx->curp0, pctx->w_street_1_bp[0],
errhp,":w_street_1",w_street_1,
        SIZ(w_street_1),SQLT_STR, &pctx->w_street_1_len);
  OCIBNDPL(pctx->curp0, pctx->w_street_2_bp[0],
errhp,":w_street_2",w_street_2,
        SIZ(w_street_2),SQLT_STR, &pctx->w_street_2_len);
  OCIBNDPL(pctx->curp0, pctx->w_city_bp[0],
errhp,":w_city",w_city,SIZ(w_city),
        SQLT_STR, &pctx->w_city_len);
  OCIBNDPL(pctx->curp0, pctx->w_state_bp[0], errhp,":w_state",w_state,
        SIZ(w_state), SQLT_STR, &pctx->w_state_len);
  OCIBNDPL(pctx->curp0, pctx->w_zip_bp[0],
errhp,":w_zip",w_zip,SIZ(w_zip),
        SQLT_STR, &pctx->w_zip_len);
  OCIBNDPL(pctx->curp0, pctx->d_street_1_bp[0],
errhp,":d_street_1",d_street_1,
        SIZ(d_street_1),SQLT_STR, &pctx->d_street_1_len);
  OCIBNDPL(pctx->curp0, pctx->d_street_2_bp[0],
errhp,":d_street_2",d_street_2,
        SIZ(d_street_2),SQLT_STR, &pctx->d_street_2_len);
  OCIBNDPL(pctx->curp0, pctx->d_city_bp[0],
errhp,":d_city",d_city,SIZ(d_city),
        SQLT_STR, &pctx->d_city_len);
  OCIBNDPL(pctx->curp0, pctx->d_state_bp[0], errhp,":d_state",d_state,
        SIZ(d_state), SQLT_STR, &pctx->d_state_len);
  OCIBNDPL(pctx->curp0, pctx->d_zip_bp[0],
errhp,":d_zip",d_zip,SIZ(d_zip),
        SQLT_STR, &pctx->d_zip_len);
  OCIBNDPL(pctx->curp0, pctx->c_first_bp[0], errhp,":c_first",c_first,
        SIZ(c_first), SQLT_STR, &pctx->c_first_len);
  OCIBNDPL(pctx->curp0, pctx->c_middle_bp[0],
errhp,":c_middle",c_middle,2,
        SQLT_AFC, &pctx->c_middle_len);
  OCIBNDPL(pctx->curp0, pctx->c_street_1_bp[0],
errhp,":c_street_1",c_street_1,
        SIZ(c_street_1),SQLT_STR, &pctx->c_street_1_len);
  OCIBNDPL(pctx->curp0, pctx->c_street_2_bp[0],
errhp,":c_street_2",c_street_2,
        SIZ(c_street_2),SQLT_STR, &pctx->c_street_2_len);
  OCIBNDPL(pctx->curp0, pctx->c_city_bp[0],
errhp,":c_city",c_city,SIZ(c_city),
        SQLT_STR, &pctx->c_city_len);
  OCIBNDPL(pctx->curp0, pctx->c_state_bp[0], errhp,":c_state",c_state,
        SIZ(c_state), SQLT_STR, &pctx->c_state_len);
  OCIBNDPL(pctx->curp0, pctx->c_zip_bp[0],
errhp,":c_zip",c_zip,SIZ(c_zip),
        SQLT_STR,&pctx->c_zip_len);
  OCIBNDPL(pctx->curp0, pctx->c_phone_bp[0],
errhp,":c_phone",c_phone,
        SIZ(c_phone), SQLT_STR, &pctx->c_phone_len);
  OCIBNDPL(pctx->curp0, pctx->c_since_bp[0], errhp,":c_since",&c_since,
        SIZ(OCIDate), SQLT_ODT, &pctx->c_since_len);
  OCIBNDPL(pctx->curp0, pctx->c_credit_bp[0], errhp,":c_credit",c_credit,
        SIZ(c_credit),SQLT_CHR, &pctx->c_credit_len);
  OCIBNDPL(pctx->curp0, pctx->c_credit_lim_bp[0], errhp,":c_credit_lim",
        ADR(c_credit_lim),SIZ(int), SQLT_INT, &pctx->c_credit_lim_len);
  OCIBNDPL(pctx->curp0, pctx->c_discount_bp[0], errhp,":c_discount",
        ADR(c_discount),SIZ(c_discount), SQLT_FLT, &pctx-
>c_discount_len);
  OCIBNDPL(pctx->curp0, pctx->c_balance_bp[0], errhp,":c_balance",
        ADR(c_balance), SIZ(double),SQLT_FLT, &pctx->c_balance_len);
  OCIBNDPL(pctx->curp0, pctx->c_data_bp[0],
errhp,":c_data",c_data,SIZ(c_data),
        SQLT_STR, &pctx->c_data_len);
/*
  OCIBNDR(pctx->curp0, pctx->h_date_bp,
errhp,":h_date",h_date,SIZ(h_date),
        SQLT_STR, &pctx->h_date_ind, &pctx->h_date_len, &pctx-
>h_date_rc);
*/
  OCIBNDPL(pctx->curp0, pctx->retries_bp[0], errhp,":retry",ADR(retries),
        SIZ(int), SQLT_INT, &pctx->retries_len);
  OCIBNDPL(pctx->curp0, pctx->cr_date_bp[0],
errhp,":cr_date",ADR(cr_date),
        SIZ(OCIDate),SQLT_ODT, &pctx->cr_date_len);

/* ---- Binds for  the second cursor   */


  OCIBNDPL(pctx->curp1, pctx->w_id_bp[1],
errhp,":w_id",ADR(w_id),SIZ(int),
        SQLT_INT, &pctx->w_id_len);
  OCIBNDPL(pctx->curp1, pctx->d_id_bp[1],
errhp,":d_id",ADR(d_id),SIZ(int),
        SQLT_INT, &pctx->d_id_len);
  OCIBND(pctx->curp1, pctx->c_w_id_bp[1],
errhp,":c_w_id",ADR(c_w_id),SIZ(int),
        SQLT_INT);
  OCIBND(pctx->curp1, pctx->c_d_id_bp[1],
errhp,":c_d_id",ADR(c_d_id),SIZ(int),
        SQLT_INT);
  OCIBNDPL(pctx->curp1, pctx->c_id_bp[1],
errhp,":c_id",ADR(c_id),SIZ(int),
        SQLT_INT, &pctx->c_id_len);
  OCIBNDPL(pctx->curp1, pctx->h_amount_bp[1],
errhp,":h_amount",ADR(h_amount),
        SIZ(int),SQLT_INT, &pctx->h_amount_len);
  OCIBND(pctx->curp1, pctx->c_last_bp[1],
errhp,":c_last",c_last,SIZ(c_last),
        SQLT_STR);
  OCIBNDPL(pctx->curp1, pctx->w_street_1_bp[1],
errhp,":w_street_1",w_street_1,
        SIZ(w_street_1),SQLT_STR, &pctx->w_street_1_len);
  OCIBNDPL(pctx->curp1, pctx->w_street_2_bp[1],
errhp,":w_street_2",w_street_2,
        SIZ(w_street_2),SQLT_STR, &pctx->w_street_2_len);
  OCIBNDPL(pctx->curp1, pctx->w_city_bp[1],
errhp,":w_city",w_city,SIZ(w_city),
        SQLT_STR, &pctx->w_city_len);
  OCIBNDPL(pctx->curp1, pctx->w_state_bp[1], errhp,":w_state",w_state,
        SIZ(w_state), SQLT_STR, &pctx->w_state_len);
  OCIBNDPL(pctx->curp1, pctx->w_zip_bp[1],
errhp,":w_zip",w_zip,SIZ(w_zip),
        SQLT_STR, &pctx->w_zip_len);
  OCIBNDPL(pctx->curp1, pctx->d_street_1_bp[1],
errhp,":d_street_1",d_street_1,
        SIZ(d_street_1),SQLT_STR, &pctx->d_street_1_len);
  OCIBNDPL(pctx->curp1, pctx->d_street_2_bp[1],
errhp,":d_street_2",d_street_2,
        SIZ(d_street_2),SQLT_STR, &pctx->d_street_2_len);
  OCIBNDPL(pctx->curp1, pctx->d_city_bp[1],
errhp,":d_city",d_city,SIZ(d_city),
        SQLT_STR, &pctx->d_city_len);
  OCIBNDPL(pctx->curp1, pctx->d_state_bp[1], errhp,":d_state",d_state,
        SIZ(d_state), SQLT_STR, &pctx->d_state_len);
  OCIBNDPL(pctx->curp1, pctx->d_zip_bp[1],
errhp,":d_zip",d_zip,SIZ(d_zip),
        SQLT_STR, &pctx->d_zip_len);
  OCIBNDPL(pctx->curp1, pctx->c_first_bp[1], errhp,":c_first",c_first,
        SIZ(c_first), SQLT_STR, &pctx->c_first_len);
  OCIBNDPL(pctx->curp1, pctx->c_middle_bp[1],
errhp,":c_middle",c_middle,2,
        SQLT_AFC, &pctx->c_middle_len);

  OCIBNDPL(pctx->curp1, pctx->c_street_1_bp[1],
errhp,":c_street_1",c_street_1,
        SIZ(c_street_1),SQLT_STR, &pctx->c_street_1_len);
  OCIBNDPL(pctx->curp1, pctx->c_street_2_bp[1],
errhp,":c_street_2",c_street_2,
        SIZ(c_street_2),SQLT_STR, &pctx->c_street_2_len);
  OCIBNDPL(pctx->curp1, pctx->c_city_bp[1], errhp,":c_city",c_city,
        SIZ(c_city),SQLT_STR, &pctx->c_city_len);
  OCIBNDPL(pctx->curp1, pctx->c_state_bp[1], errhp,":c_state",c_state,
        SIZ(c_state), SQLT_STR, &pctx->c_state_len);
  OCIBNDPL(pctx->curp1, pctx->c_zip_bp[1],
errhp,":c_zip",c_zip,SIZ(c_zip),
        SQLT_STR, &pctx->c_zip_len);
  OCIBNDPL(pctx->curp1, pctx->c_phone_bp[1],
errhp,":c_phone",c_phone,
        SIZ(c_phone), SQLT_STR, &pctx->c_phone_len);
  OCIBNDPL(pctx->curp1, pctx->c_since_bp[1], errhp,":c_since",&c_since,
        SIZ(OCIDate), SQLT_ODT, &pctx->c_since_len);
  OCIBNDPL(pctx->curp1, pctx->c_credit_bp[1], errhp,":c_credit",c_credit,
```

```
        SIZ(c_credit),SQLT_CHR, &pctx->c_credit_len);
  OCIBNDPL(pctx->curp1, pctx->c_credit_lim_bp[1], errhp,":c_credit_lim",
        ADR(c_credit_lim),SIZ(int), SQLT_INT, &pctx->c_credit_lim_len);
  OCIBNDPL(pctx->curp1, pctx->c_discount_bp[1], errhp,":c_discount",
        ADR(c_discount),SIZ(c_discount), SQLT_FLT, &pctx-
>c_discount_len);
  OCIBNDPL(pctx->curp1, pctx->c_balance_bp[1], errhp,":c_balance",
        ADR(c_balance), SIZ(double),SQLT_FLT, &pctx->c_balance_len);
  OCIBNDPL(pctx->curp1, pctx->c_data_bp[1],
errhp,":c_data",c_data,SIZ(c_data),
        SQLT_STR, &pctx->c_data_len);
/*
  OCIBNDR(pctx->curp1, pctx->h_date_bp1,
errhp,":h_date",h_date,SIZ(h_date),
        SQLT_STR, &pctx->h_date_ind, &pctx->h_date_len, &pctx-
>h_date_rc);
*/
  OCIBNDPL(pctx->curp1, pctx->retries_bp[1], errhp,":retry",ADR(retries),
        SIZ(int), SQLT_INT, &pctx->retries_len);
  OCIBNDPL(pctx->curp1, pctx->cr_date_bp[1],
errhp,":cr_date",ADR(cr_date),
        SIZ(OCIDate),SQLT_ODT, &pctx->cr_date_len);

  return (0);

}

int execstatus,errcode;

/****************************
 * END BLOCK OF COMMON CODE
 ****************************/


int payment_tx(TPSVCINFO *rqst)
{
ub4 hlen;
ub4  sincelen;
            struct pay_inf *payment_p;
      payment_p = (struct pay_inf *)(rqst->data);
            MOVETO(w_id, payment_p);
            MOVETO(d_id, payment_p);
            MOVETO(c_id, payment_p);
            MOVETO(c_w_id, payment_p);
            MOVETO(c_d_id, payment_p);

            h_amount = (int)(payment_p->h_amount * 100);
            strcpy(c_last, payment_p->c_last);
            tx_count++;

#if ACID
            time(timep);
            userlog("ACID PAYMENT Transaction Begun at %s\n",
ctime(timep));
#endif
/****************************
 * BEGIN BLOCK OF COMMON CODE
 ****************************/
retry:
            /*          vgetdate(cr_date);  */
  OCIERROR(errhp,OCIDateSysDate(errhp,&cr_date));

  pctx->w_id_len = SIZ(w_id);
  pctx->d_id_len = SIZ(d_id);
  pctx->c_w_id_len = 0;
  pctx->c_d_id_len = 0;
  pctx->c_id_len = 0;
  pctx->h_amount_len = SIZ(h_amount);
  pctx->c_last_len = SIZ(c_last);
  pctx->w_street_1_len = 0;
  pctx->w_street_2_len = 0;
  pctx->w_city_len = 0;
  pctx->w_state_len = 0;
  pctx->w_zip_len = 0;
  pctx->d_street_1_len = 0;
  pctx->d_street_2_len = 0;
  pctx->d_city_len = 0;
  pctx->d_state_len = 0;
  pctx->d_zip_len = 0;
  pctx->c_first_len = 0;
  pctx->c_middle_len = 0;
  pctx->c_street_1_len = 0;
  pctx->c_street_2_len = 0;
  pctx->c_city_len = 0;
  pctx->c_state_len = 0;
  pctx->c_zip_len = 0;
  pctx->c_phone_len = 0;
  pctx->c_since_len = 0;
  pctx->c_credit_len = 0;
  pctx->c_credit_lim_len = 0;
  pctx->c_discount_len = 0;
  pctx->c_balance_len = sizeof(double);
  pctx->c_data_len = 0;
  pctx->h_date_len = 0;
  pctx->retries_len = SIZ(retries);
  pctx->cr_date_len = 7;

  if (c_id == 0) {
    bylastname = 1;
   execstatus=OCIStmtExecute(tpcsvc,pctx->curp1,errhp,1,0,
            NULLP(CONST OCISnapshot),NULLP(OCISnapshot),
            OCI_DEFAULT|OCI_COMMIT_ON_SUCCESS);if(execstatus !=
OCI_SUCCESS) {
    OCITransRollback(tpcsvc,errhp,OCI_DEFAULT);
    errcode = OCIERROR(errhp,execstatus);
    if(errcode == NOT_SERIALIZABLE) {
      retries++;
      goto retry;
    } else if (errcode == RECOVERR) {
      retries++;
      goto retry;
    } else if (errcode == SNAPSHOT_TOO_OLD) {
      retries++;
      goto retry;
    } else {
      userlog("%d] payment_tx: OCIERROR UNRECOVERABLE %d %d
w_id:%d d_id:%d c_id:%d  \n", getpid(), execstatus, errcode, w_id, d_id, c_id
);
      return -1;
    }
  }

/*
  cvtdmyhms(cr_date,h_date);
*/
      hlen=SIZ(h_date);
      OCIERROR(errhp,OCIDateToText(errhp,&cr_date,
            (text*)FULLDATE,strlen(FULLDATE),(text*)0,0,&hlen,h_date));

/*
  cvtdmy(c_since,c_since_d);
*/
      sincelen=SIZ(c_since_d);
      OCIERROR(errhp,OCIDateToText(errhp,&c_since,
        (text*)SHORTDATE,strlen(SHORTDATE),
(text*)0,0,&sincelen,c_since_d));

/****************************
 * END BLOCK OF COMMON CODE
 ****************************/

            MOVEBACK(c_id, payment_p);
            payment_p->c_credit_lim = ((double)c_credit_lim) / 100;
            payment_p->c_discount = ((double)c_discount) / 100;
            payment_p->c_balance = c_balance / 100; /* convert to dollars &
cents */
#if ACID
            time(timep);
            userlog("w_id %d, d_id %d, c_id %d, h_amount = %d, c_balance
= %f\n",
                        w_id, d_id, c_id, h_amount, c_balance);
            userlog("ACID PAYMENT Transaction completed at %s\n",
ctime(timep));
#endif
            strcpy(payment_p->c_since, (char *)c_since_d);
            MOVECBACK(h_date, 20, payment_p);
            MOVECBACK(w_street_1, 21, payment_p);
            MOVECBACK(w_street_2, 21, payment_p);
            MOVECBACK(w_city, 21, payment_p);
            MOVECBACK(w_state, 3, payment_p);
            MOVECBACK(w_zip, 11, payment_p);
            MOVECBACK(d_street_1, 21, payment_p);
            MOVECBACK(d_street_2, 21, payment_p);
            MOVECBACK(d_city, 21, payment_p);
            MOVECBACK(d_state, 3, payment_p);
            MOVECBACK(d_zip, 11, payment_p);
            MOVECBACK(c_first, 17, payment_p);
            MOVECBACK(c_middle, 3, payment_p);
            MOVECBACK(c_last, 17, payment_p);
            MOVECBACK(c_street_1, 21, payment_p);
            MOVECBACK(c_street_2, 21, payment_p);
            MOVECBACK(c_city, 21, payment_p);
            MOVECBACK(c_state, 3, payment_p);
            MOVECBACK(c_zip, 11, payment_p);
```

```
            MOVECBACK(c_phone, 17, payment_p);
            MOVECBACK(c_credit, 3, payment_p);
      strncpy(payment_p->c_data, c_data, 201);

            return(0);
}

int PAYM(TPSVCINFO *rqst)
{
      if (payment_tx(rqst) )
            tpreturn(TPFAIL, 0, rqst->data, sizeof(struct pay_inf), 0);
      else
            tpreturn(TPSUCCESS, 0, rqst->data, sizeof(struct pay_inf), 0);
}
```

tpcc_srv_stock.c

```
/*
 * Copyright (c) 1994 by Sun Microsystems, Inc.
 */

#pragma ident "@(#)tpcso_srv_stock.c        1.6          95/04/12    SMI"

/
*==================================================
============+
|      Copyright (c) 1994  Oracle Corp, Redwood Shores, CA      |
|                OPEN SYSTEMS PERFORMANCE GROUP                 |
|                   All Rights Reserved                         |
 +=================================================
============+
 | FILENAME
 |   plsto.c
 | DESCRIPTION
 |   OCI version of STOCK LEVEL transaction in TPC-C benchmark.
 +=================================================
============*/

/* #include "ora_oci.h" */
#ifndef ORA_TPCC
# define ORA_TPCC
# include "tpcc.h"
#endif

#include <stdlib.h>
#include <signal.h>
#include <stdio.h>
#include <sys/types.h>
#include <sys/ipc.h>
#include <sys/msg.h>

/* Tuxedo */
#include "atmi.h"
#include "userlog.h"

static int tx_count = 0;

#define MOVETO(element, struct_name) element = struct_name -> element
#define MOVEBACK(element, struct_name) struct_name -> element =
element

/* List of fields in stock */
/* This structure should be EXACTLY identical to the one declared in client.h
*/
/* List of fields in stock-level */

struct stock_inf {
int          w_id;
int d_id;
int threshold;
int low_stock;
};


#ifdef PLSQLSTO
#define SQLTXT "BEGIN stocklevel.getstocklevel (:w_id, :d_id, :threshold, \
  :low_stock); END;"
#else
#define SQLTXT "SELECT /*+ nocache (stok) noparallel (stok) */ count
(DISTINCT s_i_id) \
        FROM ordl, stok, dist \
        WHERE d_id = :d_id AND d_w_id = :w_id AND \
            d_id = ol_d_id AND d_w_id = ol_w_id AND \
            ol_i_id = s_i_id AND ol_w_id = s_w_id AND \
            s_quantity < :threshold AND \
            ol_o_id BETWEEN (d_next_o_id - 20) AND (d_next_o_id - 1) \
                        order by ol_o_id desc"
/* query using functional index */
/*
#define SQLTXT "SELECT count (DISTINCT s_i_id) \
        FROM ordl, stok, dist \
        WHERE d_id = :d_id AND d_w_id = :w_id AND \
            d_id = ol_d_id AND d_w_id = ol_w_id AND \
            ol_o_id BETWEEN (d_next_o_id - 20) AND (d_next_o_id - 1)
AND \
            decode(SIGN(s_quantity -21) , -1, s_w_id*100000 + s_i_id,
NULL) \
                                = ol_w_id*100000 + ol_i_id  AND \
            s_quantity < :threshold;"

*/

#endif

struct stoctx {
  OCIStmt *curs;
  OCIBind *w_id_bp;
  OCIBind *d_id_bp;
  OCIBind *threshold_bp;
#ifdef PLSQLSTO
  OCIBind *low_stock_bp;
#else
  OCIDefine *low_stock_bp;
#endif
  int norow;
};
typedef struct stoctx stoctx;
static stoctx *sctx;

static int w_id;
static int d_id;
static int threshold;
static int low_stock;
static int retries;
static int retries_serial;
static int retries_recoverr;
static int retries_snapshot;
/*
 * Initialize transaction
 */
int get_stock_tx_cnt()
{
        return tx_count;
}


int init_stock_tx()
{

/***************************
 * BEGIN BLOCK OF COMMON CODE
 ***************************/

  text stmbuf[SQL_BUF_SIZE];
#ifdef MULTI_SVR
 /* For all servers - common routine to open/init  session etc. */
  TPCinit();
#endif
  sctx = (stoctx *)malloc(sizeof(stoctx));
  memset(sctx,(char)0,sizeof(stoctx));
  sctx->norow = 0;

  OCIERROR(errhp,
    OCIHandleAlloc(tpcenv,(dvoid**)&sctx->curs,OCI_HTYPE_STMT,0,
(dvoid**)0));
  sprintf ((char *) stmbuf, SQLTXT);
  OCIERROR(errhp,OCIStmtPrepare(sctx->curs,errhp,stmbuf,strlen((char
*)stmbuf),
                        OCI_NTV_SYNTAX,OCI_DEFAULT));
#ifndef PLSQLSTO
  OCIERROR(errhp,
    OCIAttrSet(sctx->curs,OCI_HTYPE_STMT,(dvoid*)&sctx->norow,0,
            OCI_ATTR_PREFETCH_ROWS,errhp));
#endif

  /* bind variables */

  OCIBND(sctx->curs,sctx->w_id_bp,errhp, ":w_id", ADR(w_id),sizeof(int),
        SQLT_INT);
  OCIBND(sctx->curs,sctx->d_id_bp,errhp, ":d_id", ADR(d_id),sizeof(int),
    SQLT_INT);
  OCIBND(sctx->curs,sctx->threshold_bp,errhp, ":threshold",
ADR(threshold),
    sizeof(int),SQLT_INT);
```

```
#ifdef PLSQLSTO
  OCIBND(sctx->curs,sctx->low_stock_bp,errhp,":low_stock" ,
ADR(low_stock),
    sizeof(int), SQLT_INT);
#else
  OCIDEFINE(sctx->curs,sctx->low_stock_bp,errhp, 1, ADR(low_stock),
    sizeof(int), SQLT_INT);
#endif

            return(0);

/****************************
 * END BLOCK OF COMMON CODE
 ****************************/
}


/*
 * Function: do stocklevel transaction
 * Input is the stocklevel structure. Output is low_stock field
 */
int stocklevel_tx( TPSVCINFO *rqst )
{

  int err, execstatus,errcode;
  struct stock_inf *stocklevel_p;
  stocklevel_p = (struct stock_inf *)(rqst->data);

  MOVETO(w_id, stocklevel_p);
  MOVETO(d_id, stocklevel_p);
  MOVETO(threshold, stocklevel_p);
/****************************
 * BEGIN BLOCK OF COMMON CODE
 ****************************/

  tx_count++;
retry:
   execstatus= OCIStmtExecute(tpcsvc,sctx->curs,errhp,1,0,0,0,
                    OCI_COMMIT_ON_SUCCESS | OCI_DEFAULT);
   if (execstatus != OCI_SUCCESS)
   {
    errcode=OCIERROR(errhp,execstatus);
    OCITransCommit(tpcsvc,errhp,OCI_DEFAULT);
    if((errcode == NOT_SERIALIZABLE) || (errcode == RECOVERR)
       || (errcode == SNAPSHOT_TOO_OLD))
    {
      retries++;
            if (errcode == NOT_SERIALIZABLE)
                    retries_serial++;
            else if (errcode == RECOVERR)
                    retries_recoverr++;
            else
                    retries_snapshot++;
      goto retry;
    } else {
      userlog("%d] stocklevel_tx ERROR %s:%d - EXITING -1, execstatus=
%d, errcode=%d, w_id=%d, d_id=%d, threshold=%d\n",  getpid(),
__FILE__, __LINE__, execstatus, errcode,
            stocklevel_p->w_id, stocklevel_p->d_id, stocklevel_p-
>threshold);
        return -1;
    }
   }

/****************************
 * END BLOCK OF COMMON CODE
 ****************************/

            MOVEBACK(low_stock, stocklevel_p);
            return(0);
}


void cleanup_stock( int code)
{
  /* log off */
            if (sctx) free (sctx);

   exit(code);
}

int STOCK( TPSVCINFO *rqst)
{
      if(stocklevel_tx(rqst)) {
                    tpreturn(TPFAIL, 0, rqst->data, sizeof(struct
stock_inf), 0);
            } else {
                    tpreturn(TPSUCCESS, 0, rqst->data, sizeof(struct
stock_inf), 0);
            }
}
```

tpcc_srv_util.c

```
/
 * Copyright (c) 1995 by Sun Microsystems, Inc.
 */

#pragma ident "@(#)tpcso_srv_util.c          1.17          97/01/02    SMI"

/
*=================================================================
============+
 |      Copyright (c) 1995  Oracle Corp, Redwood Shores, CA       |
 |                OPEN SYSTEMS PERFORMANCE GROUP                 |
 |                    All Rights Reserved                        |
 +=================================================================
============*/
/* Common utility functions used by all tpcso_srv* programs */

#include <stdio.h>
#include <stdlib.h>
#include <sys/types.h>
#include <sys/file.h>

#include "ora_oci.h"
#include "ora_err.h"

FILE  *vopen(fnam,mode)
char  *fnam;
char  *mode;
{
FILE *fd;

#ifdef  DEBUG
  fprintf(stderr, "tkvuopen() fnam: %s,   mode: %s\n", fnam, mode);
#endif

   fd = fopen((char *)fnam,(char *)mode);
   if (!fd){
      fprintf(stderr," fopen on %s failed %d\n",fnam,fd);
      exit(-1);
   }
   return(fd);
}

/*
int sqlfile(fnam,linebuf)
char   *fnam;
text   *linebuf;
*/
int sqlfile (char  *fnam, text *linebuf)
{
FILE *fd;
int nulpt = 0;

#ifdef  DEBUG
  fprintf(stderr, "sqlfile() fnam: %s,  linebuf: %#x\n", fnam, linebuf);
#endif

   fd = vopen(fnam,"r");
   while (fgets((char *)linebuf+nulpt, SQL_BUF_SIZE,fd))
   {
      nulpt = strlen((char *)linebuf);
   }
   return(nulpt);
}


void vgetdate (unsigned char *oradt)
{
 struct tm *loctime;
 time_t  int_time;

 struct ORADATE {
 unsigned char          century;
 unsigned char          year;
 unsigned char          month;
 unsigned char          day;
 unsigned char          hour;
 unsigned char          minute;
 unsigned char          second;
 } Date;
int century;
int cnvrtOK;
```

```
/* assume convert is successful */
cnvrtOK = 1;

/* get the current date and time as an integer */
time( &int_time);

/* Convert the current date and time into local time */
loctime = localtime( &int_time);

century = (1900+loctime->tm_year) / 100;

Date.century = (unsigned char)(century + 100);
if (Date.century < 119 || Date.century > 120) cnvrtOK = 0;
Date.year  = (unsigned char)(loctime->tm_year+100);
if (Date.year < 100 || Date.year > 199) cnvrtOK = 0;
Date.month = (unsigned char)(loctime->tm_mon + 1);
if (Date.month < 1 || Date.month > 12) cnvrtOK = 0;
Date.day   = (unsigned char)loctime->tm_mday;
if (Date.day < 1 || Date.day > 31) cnvrtOK = 0;
Date.hour  = (unsigned char)(loctime->tm_hour + 1);
if (Date.hour < 1 || Date.hour > 24) cnvrtOK = 0;
Date.minute= (unsigned char)(loctime->tm_min + 1);
if (Date.minute < 1 || Date.minute > 60) cnvrtOK = 0;
Date.second= (unsigned char)(loctime->tm_sec + 1);
if (Date.second < 1 || Date.second > 60) cnvrtOK = 0;


if (cnvrtOK)
  memcpy(oradt,&Date,7);
  else
    *oradt = '\0';

 return;

}


void cvtdmy (unsigned char *oradt, char *outdate)
{

      struct ORADATE {
            unsigned char   century;
            unsigned char   year;
            unsigned char   month;
            unsigned char   day;
            unsigned char   hour;
            unsigned char   minute;
            unsigned char   second;
      } Date;


      int day,month,year;

      memcpy(&Date,oradt,7);

      year = (Date.century-100)*100 + Date.year-100;
      month = Date.month;
      day = Date.day;
      sprintf(outdate,"%02d-%02d-%4d",day,month,year);

      return;
}

void cvtdmyhms (unsigned char *oradt, char *outdate)
{

      struct ORADATE {
            unsigned char   century;
            unsigned char   year;
            unsigned char   month;
            unsigned char   day;
            unsigned char   hour;
            unsigned char   minute;
            unsigned char   second;
      } Date;


      int day,month,year;
      int hour,min,sec;

      memcpy(&Date,oradt,7);

      year = (Date.century-100)*100 + Date.year-100;
      month = Date.month;
      day = Date.day;
      hour = Date.hour - 1;
      min = Date.minute - 1;
      sec = Date.second - 1;

      sprintf(outdate,"%02d-%02d-%4d %02d:%02d:%02d",
                day,month,year,hour,min,sec);

      return;
}
```

Stored Procedures

paynz.sql

```
DECLARE /* paynz */
    not_serializable        EXCEPTION;
    PRAGMA EXCEPTION_INIT(not_serializable,-8177);
    deadlock                EXCEPTION;
    PRAGMA EXCEPTION_INIT(deadlock,-60);
    snapshot_too_old        EXCEPTION;
    PRAGMA EXCEPTION_INIT(snapshot_too_old,-1555);
  BEGIN
    LOOP BEGIN
        UPDATE ware
          SET w_ytd = w_ytd + :h_amount
         WHERE w_id = :w_id
      RETURNING w_name, w_street_1, w_street_2, w_city, w_state, w_zip
          INTO inittpcc.ware_name, :w_street_1, :w_street_2, :w_city,
              :w_state, :w_zip;
  UPDATE  cust
    SET  c_balance = c_balance - :h_amount,
         c_ytd_payment = c_ytd_payment + :h_amount,
         c_payment_cnt = c_payment_cnt+1
 WHERE    c_id = :c_id AND c_d_id = :c_d_id AND
         c_w_id = :c_w_id
RETURNING rowid, c_first, c_middle, c_last, c_street_1,
         c_street_2, c_city, c_state, c_zip, c_phone,
         c_since, c_credit, c_credit_lim,
         c_discount, c_balance
    INTO inittpcc.cust_rowid,:c_first, :c_middle, :c_last, :c_street_1,
         :c_street_2, :c_city, :c_state, :c_zip, :c_phone,
         :c_since, :c_credit, :c_credit_lim,
         :c_discount, :c_balance;
  IF SQL%NOTFOUND THEN
    raise NO_DATA_FOUND;
  END IF;


IF :c_credit = 'BC' THEN
  UPDATE cust
            SET c_data = substr ((to_char (:c_id) || ' ' ||
                    to_char (:c_d_id) || ' ' ||
                    to_char (:c_w_id) || ' ' ||
                    to_char (:d_id) || ' ' ||
                    to_char (:w_id) || ' ' ||
                    to_char (:h_amount/100, '9999.99') || ' ')
                    || c_data, 1, 500)
   WHERE rowid = inittpcc.cust_rowid
RETURNING substr(c_data,1, 200)
    INTO :c_data;

END IF;

  UPDATE dist
     SET d_ytd = d_ytd + :h_amount
   WHERE d_id = :d_id
     AND d_w_id = :w_id
RETURNING d_name, d_street_1, d_street_2, d_city,d_state, d_zip
    INTO inittpcc.dist_name,:d_street_1,:d_street_2,:d_city,:d_state,
         :d_zip;
 IF SQL%NOTFOUND THEN
  raise NO_DATA_FOUND;
 END IF;


INSERT INTO hist  (h_c_id, h_c_d_id, h_c_w_id, h_d_id, h_w_id,
                h_amount, h_date, h_data)
VALUES
  (:c_id, :c_d_id, :c_w_id, :d_id, :w_id, :h_amount,
   :cr_date, inittpcc.ware_name || '    ' || inittpcc.dist_name);
EXIT;

EXCEPTION
  WHEN not_serializable OR deadlock OR snapshot_too_old THEN
     ROLLBACK;
     :retry := :retry + 1;
END;
```

```
    END LOOP;
  END;
```

payz.sql

```
DECLARE /* payz */
    not_serializable        EXCEPTION;
    PRAGMA EXCEPTION_INIT(not_serializable,-8177);
    deadlock                EXCEPTION;
    PRAGMA EXCEPTION_INIT(deadlock,-60);
    snapshot_too_old        EXCEPTION;
    PRAGMA EXCEPTION_INIT(snapshot_too_old,-1555);
  BEGIN
    LOOP BEGIN
      UPDATE ware
        SET w_ytd = w_ytd+:h_amount
        WHERE w_id = :w_id
        RETURNING w_name,
                w_street_1, w_street_2, w_city, w_state, w_zip
         INTO inittpcc.ware_name,
              :w_street_1, :w_street_2, :w_city, :w_state, :w_zip;


      SELECT rowid
      BULK COLLECT INTO inittpcc.row_id
      FROM cust
      WHERE c_d_id = :c_d_id AND c_w_id = :c_w_id AND c_last = :c_last
      ORDER BY c_last, c_d_id, c_w_id, c_first;

     inittpcc.c_num := sql%rowcount;
     inittpcc.cust_rowid := inittpcc.row_id((inittpcc.c_num+1) / 2);

     UPDATE cust
       SET c_balance = c_balance - :h_amount,
           c_ytd_payment = c_ytd_payment+ :h_amount,
           c_payment_cnt = c_payment_cnt+1
     WHERE rowid = inittpcc.cust_rowid
     RETURNING
            c_id, c_first, c_middle, c_last, c_street_1, c_street_2,
            c_city, c_state, c_zip, c_phone,
            c_since, c_credit, c_credit_lim,
            c_discount, c_balance
        INTO :c_id, :c_first, :c_middle, :c_last,
             :c_street_1, :c_street_2, :c_city, :c_state,
             :c_zip, :c_phone, :c_since, :c_credit,
             :c_credit_lim, :c_discount, :c_balance;

     :c_data := ' ';
     IF :c_credit = 'BC' THEN
       UPDATE cust
         SET c_data = substr ((to_char (:c_id) || ' ' ||
                        to_char (:c_d_id) || ' ' ||
                        to_char (:c_w_id) || ' ' ||
                        to_char (:d_id) || ' ' ||
                        to_char (:w_id) || ' ' ||
                        to_char (:h_amount/100, '9999.99') || ' ')
                        || c_data, 1, 500)
         WHERE rowid = inittpcc.cust_rowid
         RETURNING substr(c_data,1, 200)
         INTO :c_data;

     END IF;

     UPDATE dist
       SET d_ytd = d_ytd+:h_amount
       WHERE d_id = :d_id
        AND d_w_id = :w_id
       RETURNING  d_name, d_street_1, d_street_2, d_city,
                  d_state, d_zip
       INTO inittpcc.dist_name, :d_street_1, :d_street_2, :d_city,
           :d_state, :d_zip;

       IF  SQL%NOTFOUND
             THEN
                        raise NO_DATA_FOUND;
       END IF;

     INSERT INTO hist (h_c_id, h_c_d_id, h_c_w_id, h_d_id, h_w_id,
                  h_amount, h_date, h_data)
       VALUES (:c_id, :c_d_id, :c_w_id, :d_id, :w_id, :h_amount,
       :cr_date, inittpcc.ware_name || '    ' || inittpcc.dist_name);

     EXIT;

     EXCEPTION
       WHEN not_serializable OR deadlock OR snapshot_too_old THEN
         ROLLBACK;
         :retry := :retry + 1;
     END;

    END LOOP;
  END;
```

tkvcpdel.sql

```
declare
  TYPE numarray IS TABLE OF NUMBER INDEX BY
BINARY_INTEGER;
  TYPE numlist is varray (10) of number;
  dist numarray;
  amt numarray ;
  cnt pls_integer;

  not_serializable EXCEPTION;
  PRAGMA EXCEPTION_INIT(not_serializable, -8177);
  deadlock        EXCEPTION;
  PRAGMA EXCEPTION_INIT(deadlock, -60);
  snapshot_too_old EXCEPTION;
  PRAGMA EXCEPTION_INIT(snapshot_too_old, -1555);

BEGIN
  LOOP BEGIN
    FORALL d IN 1..10
      DELETE FROM nord N
        WHERE no_d_id = inittpcc.dist(d)
         AND no_w_id = :w_id
         AND no_o_id = (select min (no_o_id)
                        from nord
                        where no_d_id = N.no_d_id
                           and no_w_id = N.no_w_id)
        RETURNING no_d_id, no_o_id BULK COLLECT INTO :d_id,
:order_id;

    :ordcnt := SQL%ROWCOUNT;

    FORALL o in 1.. :ordcnt
      UPDATE ordr SET o_carrier_id = :carrier_id
      WHERE o_id = :order_id (o)
       AND o_d_id = :d_id(o)
       AND o_w_id = :w_id
      RETURNING o_c_id BULK COLLECT INTO :o_c_id;

    FORALL o in 1.. :ordcnt
      UPDATE ordl SET ol_delivery_d = :now
      WHERE ol_w_id = :w_id
       AND ol_d_id = :d_id(o)
       AND ol_o_id = :order_id(o)
      RETURNING sum(ol_amount) BULK COLLECT INTO  :sums;

    FORALL c IN 1.. :ordcnt
      UPDATE cust
        SET c_balance = c_balance + :sums(c),
                c_delivery_cnt = c_delivery_cnt + 1
       WHERE c_w_id = :w_id
        AND c_d_id = :d_id(c)
        AND c_id = :o_c_id(c);
    COMMIT;
    EXIT;
    EXCEPTION
      WHEN not_serializable OR deadlock OR snapshot_too_old
      THEN
        ROLLBACK;
        :retry := :retry + 1;
    END;

  END LOOP; -- for retry
END;
```

tpvcpnew.sql

```
-- New Order Anonymous block

  DECLARE
     idx                  PLS_INTEGER;
     dummy_local            PLS_INTEGER;
     cache_ol_cnt           PLS_INTEGER;
     not_serializable        EXCEPTION;
     PRAGMA EXCEPTION_INIT(not_serializable,-8177);
     deadlock                EXCEPTION;
     PRAGMA EXCEPTION_INIT(deadlock,-60);
     snapshot_too_old        EXCEPTION;
     PRAGMA EXCEPTION_INIT(snapshot_too_old,-1555);

  PROCEDURE u1 IS
  BEGIN
```

```
    FORALL idx IN 1 .. cache_ol_cnt
      UPDATE  stock_item
      SET s_order_cnt = s_order_cnt + 1,
      s_ytd = s_ytd + :ol_quantity(idx),
      s_remote_cnt = s_remote_cnt + :s_remote(idx),
      s_quantity = (CASE WHEN s_quantity < :ol_quantity (idx) + 10
                     THEN s_quantity +91
                     ELSE s_quantity
                   END) - :ol_quantity(idx)
      WHERE i_id = :ol_i_id(idx)
      AND s_w_id = :ol_supply_w_id(idx)
      RETURNING i_price, i_name, s_quantity, s_dist_01,
              i_price*:ol_quantity(idx),
       CASE WHEN i_data NOT LIKE '%ORIGINAL%'
           THEN 'G'
            ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
                 THEN 'G'
                 ELSE 'B'
                 END)
       END
    BULK COLLECT INTO :i_price, :i_name, :s_quantity, inittpcc.s_dist,
                 :ol_amount,:brand_generic;
END u1;

PROCEDURE u2 IS
BEGIN
    FORALL idx IN 1 .. cache_ol_cnt
      UPDATE  stock_item
      SET s_order_cnt = s_order_cnt + 1,
      s_ytd = s_ytd + :ol_quantity(idx),
      s_remote_cnt = s_remote_cnt + :s_remote(idx),
      s_quantity = (CASE WHEN s_quantity < :ol_quantity (idx) + 10
                     THEN s_quantity +91
                     ELSE s_quantity
                   END) - :ol_quantity(idx)
      WHERE i_id = :ol_i_id(idx)
      AND s_w_id = :ol_supply_w_id(idx)
      RETURNING i_price, i_name, s_quantity, s_dist_02,
              i_price*:ol_quantity(idx),
       CASE WHEN i_data NOT LIKE '%ORIGINAL%'
           THEN 'G'
            ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
                 THEN 'G'
                 ELSE 'B'
                 END)
       END
    BULK COLLECT INTO :i_price, :i_name, :s_quantity, inittpcc.s_dist,
                 :ol_amount,:brand_generic;
END u2;

PROCEDURE u3 IS
BEGIN
    FORALL idx IN 1 .. cache_ol_cnt
      UPDATE  stock_item
      SET s_order_cnt = s_order_cnt + 1,
      s_ytd = s_ytd + :ol_quantity(idx),
      s_remote_cnt = s_remote_cnt + :s_remote(idx),
      s_quantity = (CASE WHEN s_quantity < :ol_quantity (idx) + 10
                     THEN s_quantity +91
                     ELSE s_quantity
                   END) - :ol_quantity(idx)
      WHERE i_id = :ol_i_id(idx)
      AND s_w_id = :ol_supply_w_id(idx)
      RETURNING i_price, i_name, s_quantity, s_dist_03,
              i_price*:ol_quantity(idx),
       CASE WHEN i_data NOT LIKE '%ORIGINAL%'
           THEN 'G'
            ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
                 THEN 'G'
                 ELSE 'B'
                 END)
       END
    BULK COLLECT INTO :i_price, :i_name, :s_quantity, inittpcc.s_dist,
                 :ol_amount,:brand_generic;
END u3;

PROCEDURE u4 IS
BEGIN
    FORALL idx IN 1 .. cache_ol_cnt
      UPDATE  stock_item
      SET s_order_cnt = s_order_cnt + 1,
      s_ytd = s_ytd + :ol_quantity(idx),
      s_remote_cnt = s_remote_cnt + :s_remote(idx),
      s_quantity = (CASE WHEN s_quantity < :ol_quantity (idx) + 10
                     THEN s_quantity +91
                     ELSE s_quantity
                   END) - :ol_quantity(idx)
      WHERE i_id = :ol_i_id(idx)
      AND s_w_id = :ol_supply_w_id(idx)
      RETURNING i_price, i_name, s_quantity, s_dist_04,
              i_price*:ol_quantity(idx),
       CASE WHEN i_data NOT LIKE '%ORIGINAL%'
           THEN 'G'
            ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
                 THEN 'G'
                 ELSE 'B'
                 END)
       END
    BULK COLLECT INTO :i_price, :i_name, :s_quantity, inittpcc.s_dist,
                 :ol_amount,:brand_generic;
END u4;

PROCEDURE u5 IS
BEGIN
    FORALL idx IN 1 .. cache_ol_cnt
      UPDATE  stock_item
      SET s_order_cnt = s_order_cnt + 1,
      s_ytd = s_ytd + :ol_quantity(idx),
      s_remote_cnt = s_remote_cnt + :s_remote(idx),
      s_quantity = (CASE WHEN s_quantity < :ol_quantity (idx) + 10
                     THEN s_quantity +91
                     ELSE s_quantity
                   END) - :ol_quantity(idx)
      WHERE i_id = :ol_i_id(idx)
      AND s_w_id = :ol_supply_w_id(idx)
      RETURNING i_price, i_name, s_quantity, s_dist_05,
              i_price*:ol_quantity(idx),
       CASE WHEN i_data NOT LIKE '%ORIGINAL%'
           THEN 'G'
            ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
                 THEN 'G'
                 ELSE 'B'
                 END)
       END
    BULK COLLECT INTO :i_price, :i_name, :s_quantity, inittpcc.s_dist,
                 :ol_amount,:brand_generic;
END u5;

PROCEDURE u6 IS
BEGIN
    FORALL idx IN 1 .. cache_ol_cnt
      UPDATE  stock_item
      SET s_order_cnt = s_order_cnt + 1,
      s_ytd = s_ytd + :ol_quantity(idx),
      s_remote_cnt = s_remote_cnt + :s_remote(idx),
      s_quantity = (CASE WHEN s_quantity < :ol_quantity (idx) + 10
                     THEN s_quantity +91
                     ELSE s_quantity
                   END) - :ol_quantity(idx)
      WHERE i_id = :ol_i_id(idx)
      AND s_w_id = :ol_supply_w_id(idx)
      RETURNING i_price, i_name, s_quantity, s_dist_06,
              i_price*:ol_quantity(idx),
       CASE WHEN i_data NOT LIKE '%ORIGINAL%'
           THEN 'G'
            ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
                 THEN 'G'
                 ELSE 'B'
                 END)
       END
    BULK COLLECT INTO :i_price, :i_name, :s_quantity, inittpcc.s_dist,
                 :ol_amount,:brand_generic;
END u6;

PROCEDURE u7 IS
BEGIN
    FORALL idx IN 1 .. cache_ol_cnt
      UPDATE  stock_item
      SET s_order_cnt = s_order_cnt + 1,
      s_ytd = s_ytd + :ol_quantity(idx),
      s_remote_cnt = s_remote_cnt + :s_remote(idx),
      s_quantity = (CASE WHEN s_quantity < :ol_quantity (idx) + 10
                     THEN s_quantity +91
                     ELSE s_quantity
                   END) - :ol_quantity(idx)
      WHERE i_id = :ol_i_id(idx)
      AND s_w_id = :ol_supply_w_id(idx)
      RETURNING i_price, i_name, s_quantity, s_dist_07,
              i_price*:ol_quantity(idx),
       CASE WHEN i_data NOT LIKE '%ORIGINAL%'
           THEN 'G'
            ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
                 THEN 'G'
                 ELSE 'B'
```

```
            END)
        END
    BULK COLLECT INTO :i_price, :i_name, :s_quantity, inittpcc.s_dist,
                :ol_amount,:brand_generic;
END u7;

PROCEDURE u8 IS
BEGIN
    FORALL idx IN 1 .. cache_ol_cnt
      UPDATE  stock_item
      SET s_order_cnt = s_order_cnt + 1,
      s_ytd = s_ytd + :ol_quantity(idx),
      s_remote_cnt = s_remote_cnt + :s_remote(idx),
      s_quantity = (CASE WHEN s_quantity < :ol_quantity (idx) + 10
                    THEN s_quantity +91
                    ELSE s_quantity
                 END) - :ol_quantity(idx)
      WHERE i_id = :ol_i_id(idx)
      AND s_w_id = :ol_supply_w_id(idx)
      RETURNING i_price, i_name, s_quantity, s_dist_08,
             i_price*:ol_quantity(idx),
       CASE WHEN i_data NOT LIKE '%ORIGINAL%'
           THEN 'G'
            ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
                 THEN 'G'
                 ELSE 'B'
                 END)
        END
    BULK COLLECT INTO :i_price, :i_name, :s_quantity, inittpcc.s_dist,
                :ol_amount,:brand_generic;
END u8;

PROCEDURE u9 IS
BEGIN
    FORALL idx IN 1 .. cache_ol_cnt
      UPDATE  stock_item
      SET s_order_cnt = s_order_cnt + 1,
      s_ytd = s_ytd + :ol_quantity(idx),
      s_remote_cnt = s_remote_cnt + :s_remote(idx),
      s_quantity = (CASE WHEN s_quantity < :ol_quantity (idx) + 10
                    THEN s_quantity +91
                    ELSE s_quantity
                 END) - :ol_quantity(idx)
      WHERE i_id = :ol_i_id(idx)
      AND s_w_id = :ol_supply_w_id(idx)
      RETURNING i_price, i_name, s_quantity, s_dist_09,
             i_price*:ol_quantity(idx),
       CASE WHEN i_data NOT LIKE '%ORIGINAL%'
           THEN 'G'
            ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
                 THEN 'G'
                 ELSE 'B'
                 END)
        END
    BULK COLLECT INTO :i_price, :i_name, :s_quantity, inittpcc.s_dist,
                :ol_amount,:brand_generic;
END u9;

PROCEDURE u10 IS
BEGIN
    FORALL idx IN 1 .. cache_ol_cnt
      UPDATE  stock_item
      SET s_order_cnt = s_order_cnt + 1,
      s_ytd = s_ytd + :ol_quantity(idx),
      s_remote_cnt = s_remote_cnt + :s_remote(idx),
      s_quantity = (CASE WHEN s_quantity < :ol_quantity (idx) + 10
                    THEN s_quantity +91
                    ELSE s_quantity
                 END) - :ol_quantity(idx)
      WHERE i_id = :ol_i_id(idx)
      AND s_w_id = :ol_supply_w_id(idx)
      RETURNING i_price, i_name, s_quantity, s_dist_10,
             i_price*:ol_quantity(idx),
       CASE WHEN i_data NOT LIKE '%ORIGINAL%'
           THEN 'G'
            ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
                 THEN 'G'
                 ELSE 'B'
                 END)
        END
    BULK COLLECT INTO :i_price, :i_name, :s_quantity, inittpcc.s_dist,
                :ol_amount,:brand_generic;
END u10;

PROCEDURE fix_items IS
  rows_lost              PLS_INTEGER;
  max_index              PLS_INTEGER;
  temp_index             PLS_INTEGER;
BEGIN
  idx := 1;
  rows_lost := 0;
  max_index := dummy_local;

  WHILE (max_index != cache_ol_cnt) LOOP

   WHILE (idx <= sql%rowcount AND
              sql%bulk_rowcount(idx + rows_lost) = 1)
   LOOP
     idx := idx + 1;
   END LOOP;

   temp_index := max_index;
   WHILE (temp_index >= idx + rows_lost) LOOP
     :ol_amount(temp_index + 1)      :=  :ol_amount(temp_index);
     :i_price(temp_index + 1)        :=  :i_price(temp_index);
     :i_name(temp_index + 1)         :=  :i_name(temp_index);
     :s_quantity(temp_index + 1)     :=  :s_quantity(temp_index);
     inittpcc.s_dist(temp_index + 1) :=  inittpcc.s_dist(temp_index);
     :brand_generic(temp_index + 1)  :=  :brand_generic(temp_index);
     temp_index := temp_index - 1;
   END LOOP;

   IF (idx + rows_lost <= cache_ol_cnt) THEN
     :i_price(idx + rows_lost)       :=   0;
     :i_name(idx + rows_lost)        :=   'NO ITEM';
     :s_quantity(idx + rows_lost)    :=   0;
     inittpcc.s_dist(idx + rows_lost) := NULL;
     :brand_generic(idx + rows_lost)  := ' ';
     :ol_amount(idx + rows_lost)      := 0;
     rows_lost := rows_lost + 1;
     max_index := max_index + 1;
   END IF;

  END LOOP;
END fix_items;

BEGIN
  LOOP BEGIN
    cache_ol_cnt := :o_ol_cnt;

    UPDATE dist SET d_next_o_id = d_next_o_id + 1
     WHERE d_id = :d_id AND  d_w_id = :w_id
     RETURNING d_tax, d_next_o_id-1
     INTO :d_tax, :o_id;

    SELECT c_discount, c_last, c_credit
     INTO :c_discount, :c_last, :c_credit
     FROM cust
     WHERE c_id = :c_id AND c_d_id = :d_id AND c_w_id = :w_id;

    SELECT w_tax
     INTO :w_tax
     FROM ware
     WHERE w_id = :w_id;


    INSERT INTO nord (no_o_id, no_d_id, no_w_id)
     VALUES (:o_id, :d_id, :w_id);

    INSERT INTO ordr  (o_id,o_d_id, o_w_id, o_c_id, o_entry_d,
                  o_carrier_id, o_ol_cnt, o_all_local)
     VALUES (:o_id, :d_id, :w_id, :c_id,
           :cr_date, 11, :o_ol_cnt, :o_all_local);


    dummy_local :=  :d_id;

    IF (dummy_local < 6) THEN
      IF (dummy_local < 3) THEN
        IF (dummy_local = 1) THEN
          u1;
        ELSE
          u2;
        END IF;
      ELSE
        IF (dummy_local = 3) THEN
          u3;
        ELSIF (dummy_local = 4) then
          u4;
        ELSE
          u5;
        END IF;
      END IF;
    ELSE
```

```
        IF (dummy_local < 8) THEN
          IF (dummy_local = 6) THEN
            u6;
          ELSE
            u7;
          END IF;
        ELSE
          IF (dummy_local = 8) THEN
            u8;
          ELSIF (dummy_local = 9) then
            u9;
          ELSE
            u10;
          END IF;
        END IF;
      END IF;

      dummy_local := sql%rowcount;

      IF (dummy_local != cache_ol_cnt )  THEN fix_items; END IF;

      FORALL idx IN 1..dummy_local
       INSERT INTO ordl
         (ol_o_id, ol_d_id, ol_w_id, ol_number, ol_delivery_d, ol_i_id,
              ol_supply_w_id, ol_quantity,ol_amount,ol_dist_info)
       VALUES (:o_id, :d_id, :w_id, inittpcc.idx1arr(idx), inittpcc.nulldate,
              :ol_i_id(idx), :ol_supply_w_id(idx),
              :ol_quantity(idx), :ol_amount(idx), inittpcc.s_dist(idx));

      IF (dummy_local != :o_ol_cnt) THEN
        :o_ol_cnt := dummy_local;
        ROLLBACK;
      END IF;

    EXIT;

    EXCEPTION
        WHEN not_serializable OR deadlock OR snapshot_too_old THEN
          ROLLBACK;
          :retry := :retry + 1;
      END;
    END LOOP;
  END;
```

Appendix B: Database Build

analyze.sql

```
spool analyze.log;
set echo on;

connect tpcc/tpcc

execute dbms_stats.GATHER_TABLE_STATS (OWNNAME=>'TPCC', -
                    TABNAME=>'STOK', -
                    PARTNAME=>NULL, -
                    ESTIMATE_PERCENT=>1, -
                    BLOCK_SAMPLE=>TRUE, -
                    METHOD_OPT=>'FOR ALL COLUMNS SIZE 1', -
                    DEGREE=>160, -
                    GRANULARITY=>'DEFAULT', -
                    CASCADE=>TRUE);

execute dbms_stats.GATHER_TABLE_STATS (OWNNAME=>'TPCC', -
                    TABNAME=>'CUST', -
                    PARTNAME=>NULL, -
                    ESTIMATE_PERCENT=>1, -
                    BLOCK_SAMPLE=>TRUE, -
                    METHOD_OPT=>'FOR ALL COLUMNS SIZE 1', -
                    DEGREE=>160, -
                    GRANULARITY=>'DEFAULT', -
                    CASCADE=>TRUE);

execute dbms_stats.GATHER_TABLE_STATS (OWNNAME=>'TPCC', -
                    TABNAME=>'ORDR', -
                    PARTNAME=>NULL, -
                    ESTIMATE_PERCENT=>1, -
                    BLOCK_SAMPLE=>TRUE, -
                    METHOD_OPT=>'FOR ALL COLUMNS SIZE 1', -
                    DEGREE=>160, -
                    GRANULARITY=>'DEFAULT', -
                    CASCADE=>TRUE);

execute dbms_stats.GATHER_TABLE_STATS (OWNNAME=>'TPCC', -
                    TABNAME=>'ORDL', -
                    PARTNAME=>NULL, -
                    ESTIMATE_PERCENT=>1, -
                    BLOCK_SAMPLE=>TRUE, -
                    METHOD_OPT=>'FOR ALL COLUMNS SIZE 1', -
                    DEGREE=>160, -
                    GRANULARITY=>'DEFAULT', -
                    CASCADE=>TRUE);

execute dbms_stats.GATHER_TABLE_STATS (OWNNAME=>'TPCC', -
                    TABNAME=>'NORD', -
                    PARTNAME=>NULL, -
                    ESTIMATE_PERCENT=>1, -
                    BLOCK_SAMPLE=>TRUE, -
                    METHOD_OPT=>'FOR ALL COLUMNS SIZE 1', -
                    DEGREE=>160, -
                    GRANULARITY=>'DEFAULT', -
                    CASCADE=>TRUE);

execute dbms_stats.GATHER_TABLE_STATS(OWNNAME=>'TPCC', -
                    TABNAME=>'HIST', -
                    PARTNAME=>NULL, -
                    ESTIMATE_PERCENT=>1, -
                    BLOCK_SAMPLE=>TRUE, -
                    METHOD_OPT=>'FOR ALL COLUMNS SIZE 1', -
                    DEGREE=>160, -
                    GRANULARITY=>'DEFAULT', -
                    CASCADE=>TRUE);

execute dbms_stats.GATHER_TABLE_STATS(OWNNAME=>'TPCC', -
                    TABNAME=>'DIST', -
                    PARTNAME=>NULL, -
                    ESTIMATE_PERCENT=>1, -
                    BLOCK_SAMPLE=>TRUE, -
                    METHOD_OPT=>'FOR ALL COLUMNS SIZE 1', -
                    DEGREE=>10, -
                    GRANULARITY=>'DEFAULT', -
                    CASCADE=>TRUE);

execute dbms_stats.GATHER_TABLE_STATS(OWNNAME=>'TPCC', -
                    TABNAME=>'ITEM', -
                    PARTNAME=>NULL, -
                    ESTIMATE_PERCENT=>10, -
                    BLOCK_SAMPLE=>TRUE, -
                    METHOD_OPT=>'FOR ALL COLUMNS SIZE 1', -
                    DEGREE=>1, -
                    GRANULARITY=>'DEFAULT', -
                    CASCADE=>TRUE);

execute dbms_stats.GATHER_TABLE_STATS(OWNNAME=>'TPCC', -
                    TABNAME=>'WARE', -
                    PARTNAME=>NULL, -
                    ESTIMATE_PERCENT=>10, -
                    BLOCK_SAMPLE=>TRUE, -
                    METHOD_OPT=>'FOR ALL COLUMNS SIZE 1', -
                    DEGREE=>10, -
                    GRANULARITY=>'DEFAULT', -
                    CASCADE=>TRUE);

set echo off;
spool off;

exit sql.sqlcode;
```

createdb.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreatedb.sh Thu Sep 8 11:27:28
PDT 2011 */
spool createdb.log

set echo on
shutdown abort

startup pfile=p_create.ora nomount
create database tpcc
  controlfile reuse
  maxinstances 1
  datafile
   '/export/home/oracle/tpcc_disks//system_1' size 400M reuse
  logfile
    group 1 ('/export/home/oracle/tpcc_disks/log_0_0',
          '/export/home/oracle/tpcc_disks/log_1_0') size 696300M reuse,
    group 2 ('/export/home/oracle/tpcc_disks/log_0_3',
          '/export/home/oracle/tpcc_disks/log_1_3') size 696300M reuse
  sysaux datafile '/export/home/oracle/tpcc_disks//tpccaux' size 120M reuse ;

create undo tablespace undo_1 datafile
  '/export/home/oracle/tpcc_disks//roll1' size 8096M reuse blocksize 8K;

set echo off
exit sql.sqlcode
```

createindex_icust1.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreateindex.sh Thu Sep 8
11:27:46 PDT 2011 */
set timing on
    set sqlblanklines on
    spool createindex_icust1.log ;
    set echo on ;
    drop index icust1 ;
      create unique index icust1 on cust ( c_w_id
, c_d_id
, c_id )
  pctfree 1  initrans 3
  storage ( buffer_pool default )
  parallel 320
  compute statistics
  tablespace icust1_0 ;
    set echo off
    spool off
    exit sql.sqlcode;
```

createindex_icust2.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreateindex.sh Thu Sep 8
11:27:47 PDT 2011 */
set timing on
    set sqlblanklines on
    spool createindex_icust2.log ;
    set echo on ;
    drop index icust2 ;
      create unique index icust2 on cust ( c_last
, c_w_id
, c_d_id
```

```
, c_first
, c_id )
  pctfree 1  initrans 3
  storage ( buffer_pool default )
  parallel 320
  compute statistics
  tablespace icust2_0 ;
    set echo off
    spool off
    exit sql.sqlcode;
```

createindex_idist.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreateindex.sh Thu Sep 8
11:27:47 PDT 2011 */
set timing on
    set sqlblanklines on
    spool createindex_idist.log ;
    set echo on ;
    drop index idist ;
      create unique index idist on dist ( d_w_id
, d_id )
  pctfree 5  initrans 3
  storage ( buffer_pool default )
  parallel 1
  compute statistics
  tablespace idist_0 ;
    set echo off
    spool off
    exit sql.sqlcode;
```

createindex_iitem.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreateindex.sh Thu Sep 8
11:27:48 PDT 2011 */
set timing on
    set sqlblanklines on
    spool createindex_iitem.log ;
    set echo on ;
    drop index iitem ;
      create unique index iitem on item ( i_id )
  pctfree 5  initrans 4
  storage ( buffer_pool default )

  compute statistics
  tablespace iitem_0 ;
    set echo off
    spool off
    exit sql.sqlcode;
```

createindex_inord.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreateindex.sh Thu Sep 8
11:27:50 PDT 2011 */
set timing on
  exit 0;
```

createindex_iordl.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreateindex.sh Thu Sep 8
11:27:49 PDT 2011 */
set timing on
  exit 0;
```

createindex_iordr1.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreateindex.sh Thu Sep 8
11:27:48 PDT 2011 */
set timing on
  exit 0;
```

createindex_iordr2.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreateindex.sh Thu Sep 8
11:27:49 PDT 2011 */
set timing on
    set sqlblanklines on
    spool createindex_iordr2.log ;
    set echo on ;
    drop index iordr2 ;
      create unique index iordr2 on ordr ( o_w_id
, o_d_id
, o_c_id
, o_id )
  global partition by range (o_w_id) (
partition iordr2_0 values less than ( 23751 ) tablespace iordr2_0
, partition iordr2_1 values less than ( 47501 ) tablespace iordr2_1
, partition iordr2_2 values less than ( 71251 ) tablespace iordr2_2
, partition iordr2_3 values less than ( 95001 ) tablespace iordr2_3
, partition iordr2_4 values less than ( 118751 ) tablespace iordr2_4
, partition iordr2_5 values less than ( 142501 ) tablespace iordr2_5
, partition iordr2_6 values less than ( 166251 ) tablespace iordr2_6
, partition iordr2_7 values less than ( 190001 ) tablespace iordr2_7
, partition iordr2_8 values less than ( 213751 ) tablespace iordr2_8
, partition iordr2_9 values less than ( 237501 ) tablespace iordr2_9
, partition iordr2_10 values less than ( 261251 ) tablespace iordr2_10
, partition iordr2_11 values less than ( 285001 ) tablespace iordr2_11
, partition iordr2_12 values less than ( 308751 ) tablespace iordr2_12
, partition iordr2_13 values less than ( 332501 ) tablespace iordr2_13
, partition iordr2_14 values less than ( 356251 ) tablespace iordr2_14
, partition iordr2_15 values less than ( maxvalue ) tablespace iordr2_15
)
  parallel 320
  pctfree 25  initrans 4
  storage ( buffer_pool default  )
  compute statistics
  tablespace iordr2_0 ;
    set echo off
    spool off
    exit sql.sqlcode;
```

createindex_istok.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreateindex.sh Thu Sep 8
11:27:48 PDT 2011 */
set timing on
    set sqlblanklines on
    spool createindex_istok.log ;
    set echo on ;
    drop index istok ;
      create unique index istok on stok ( s_i_id
, s_w_id )
  pctfree 1  initrans 3
  storage ( buffer_pool default )
  parallel 320
  compute statistics
  tablespace istok_0 ;
    set echo off
    spool off
    exit sql.sqlcode;
```

createindex_iware.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreateindex.sh Thu Sep 8
11:27:46 PDT 2011 */
set timing on
    set sqlblanklines on
    spool createindex_iware.log ;
    set echo on ;
    drop index iware ;
      create unique index iware on ware ( w_id )
  pctfree 1  initrans 3
  storage ( buffer_pool default )
  parallel 1
  compute statistics
  tablespace iware_0 ;
    set echo off
    spool off
    exit sql.sqlcode;
```

createspacestats.sql

```
@space_init
@space_get 4788000.0 380000
@space_rpt
spool off
exit sql.sqlcode;
```

createstoredprocs.sql

```
spool createstoreprocs.log
```

```
@tkvcinin.sql
spool off
exit sql.sqlcode;
```

createtable_cust.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreatetable.sh Thu Sep 8
11:27:29 PDT 2011 */
set timing on
   set sqlblanklines on
   spool createtable_cust.log
   set echo on
     drop cluster custcluster including tables ;

create cluster custcluster (
  c_id number
, c_d_id number
, c_w_id number
  )
  single table
  hashkeys 11400000000
  hash is ( (c_id * ( 380000 * 10 ) + c_w_id * 10 + c_d_id) )
  size 630
  pctfree 0  initrans 3
  storage ( buffer_pool recycle ) parallel ( degree 80 )
  tablespace cust_0;

create table cust (
  c_id number
, c_d_id number
, c_w_id number
, c_discount number
, c_credit char(2)
, c_last varchar2(16)
, c_first varchar2(16)
, c_credit_lim number
, c_balance number
, c_ytd_payment number
, c_payment_cnt number
, c_delivery_cnt number
, c_street_1 varchar2(20)
, c_street_2 varchar2(20)
, c_city varchar2(20)
, c_state char(2)
, c_zip char(9)
, c_phone char(16)
, c_since date
, c_middle char(2)
, c_data char(500)
)
cluster custcluster (
  c_id
, c_d_id
, c_w_id
);
   set echo off
   spool off
   exit sql.sqlcode;
```

createtable_dist.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreatetable.sh Thu Sep 8
11:27:31 PDT 2011 */
set timing on
   set sqlblanklines on
   spool createtable_dist.log
   set echo on
     drop cluster distcluster including tables ;

create cluster distcluster (
  d_id number
, d_w_id number
  )
  single table
  hashkeys 3800000
  hash is ( ((d_w_id * 10) + d_id) )
  size 3496
    initrans 4
  storage ( buffer_pool default )
  tablespace dist_0;

create table dist (
  d_id number
, d_w_id number
, d_ytd number
, d_next_o_id number
, d_tax number
, d_name varchar2(10)
, d_street_1 varchar2(20)
, d_street_2 varchar2(20)
, d_city varchar2(20)
, d_state char(2)
, d_zip char(9)
)
cluster distcluster (
  d_id
, d_w_id
);
   set echo off
   spool off
   exit sql.sqlcode;
```

createtable_hist.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreatetable.sh Thu Sep 8
11:27:32 PDT 2011 */
set timing on
   set sqlblanklines on
   spool createtable_hist.log
   set echo on
     drop table hist ;

create table hist (
  h_c_id number
, h_c_d_id number
, h_c_w_id number
, h_d_id number
, h_w_id number
, h_date date
, h_amount number
, h_data varchar2(24)
)
  partition by range( h_w_id ) (
partition hist_0 values less than ( 47501 ) tablespace hist_0
, partition hist_1 values less than ( 95001 ) tablespace hist_1
, partition hist_2 values less than ( 142501 ) tablespace hist_2
, partition hist_3 values less than ( 190001 ) tablespace hist_3
, partition hist_4 values less than ( 237501 ) tablespace hist_4
, partition hist_5 values less than ( 285001 ) tablespace hist_5
, partition hist_6 values less than ( 332501 ) tablespace hist_6
, partition hist_7 values less than ( maxvalue ) tablespace hist_7
)
  pctfree 5  initrans 4
  storage ( buffer_pool recycle )
  ;
   set echo off
   spool off
   exit sql.sqlcode;
```

createtable_item.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreatetable.sh Thu Sep 8
11:27:34 PDT 2011 */
set timing on
   set sqlblanklines on
   spool createtable_item.log
   set echo on
     drop cluster itemcluster including tables ;

create cluster itemcluster (
  i_id number(6,0)
  )
  single table
  hashkeys 100000
  hash is ( (i_id) )
  size 120
  pctfree 0  initrans 3
  storage ( buffer_pool keep )
  tablespace item_0;

create table item (
  i_id number(6,0)
, i_name varchar2(24)
, i_price number
, i_data varchar2(50)
, i_im_id number
```

```
)
cluster itemcluster (
  i_id
);
    set echo off
    spool off
    exit sql.sqlcode;
```

createtable_nord.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreatetable.sh Thu Sep 8
11:27:36 PDT 2011 */
set timing on
    set sqlblanklines on
    spool createtable_nord.log
    set echo on
        drop cluster nordcluster_queue including tables ;

  create cluster nordcluster_queue (
    no_w_id number
, no_d_id number
, no_o_id number SORT
    )

    hashkeys 3800000
    hash is ( (no_w_id - 1) * 10 + no_d_id - 1 )
    size 190
    tablespace nord_0;

  create table nord (
    no_w_id number
, no_d_id number
, no_o_id number sort
    , constraint nord_uk primary key ( no_w_id
, no_d_id
, no_o_id )
  )
  cluster nordcluster_queue (
    no_w_id
, no_d_id
, no_o_id
  );
    set echo off
    spool off
    exit sql.sqlcode;
```

createtable_ordl.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreatetable.sh Thu Sep 8
11:27:36 PDT 2011 */
set timing on
    set sqlblanklines on
    spool createtable_ordl.log
    set echo on
        create table ordl (
    ol_w_id number
, ol_d_id number
, ol_o_id number sort
, ol_number number sort
, ol_i_id number
, ol_delivery_d date
, ol_amount number
, ol_supply_w_id number
, ol_quantity number
, ol_dist_info char(24)
  , constraint ordl_uk primary key (ol_w_id, ol_d_id, ol_o_id, ol_number  ))
CLUSTER ordrcluster_queue(ol_w_id, ol_d_id, ol_o_id, ol_number) ;
    set echo off
    spool off
    exit sql.sqlcode;
```

createtable_ordr.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreatetable.sh Thu Sep 8
11:27:35 PDT 2011 */
set timing on
    set sqlblanklines on
    spool createtable_ordr.log
    set echo on
        drop cluster ordrcluster_queue including tables ;

  create cluster ordrcluster_queue (
    o_w_id number
, o_d_id number
, o_id number SORT
, o_number number SORT
    )

    hashkeys 3800000
    hash is ( (o_w_id - 1) * 10 + o_d_id - 1 )
    size 1490
    tablespace ordr_0;

  create table ordr (
    o_id number sort
, o_w_id number
, o_d_id number
, o_c_id number
, o_carrier_id number
, o_ol_cnt number
, o_all_local number
, o_entry_d date
    , constraint ordr_uk primary key ( o_w_id
, o_d_id
, o_id )
  )
  cluster ordrcluster_queue (
    o_w_id
, o_d_id
, o_id
  );
    set echo off
    spool off
    exit sql.sqlcode;
```

createtable_stok.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreatetable.sh Thu Sep 8
11:27:33 PDT 2011 */
set timing on
    set sqlblanklines on
    spool createtable_stok.log
    set echo on
      drop cluster stokcluster including tables ;

create cluster stokcluster (
  s_i_id number
, s_w_id number
  )
  single table
  hashkeys 38000000000
  hash is ( (s_i_id * 380000 + s_w_id) )
  size 270
  pctfree 0  initrans 2 maxtrans 2
  storage ( buffer_pool keep ) parallel ( degree 80 )
  tablespace stok_0;

create table stok (
  s_i_id number
, s_w_id number
, s_quantity number
, s_ytd number
, s_order_cnt number
, s_remote_cnt number
, s_data varchar2(50)
, s_dist_01 char(24)
, s_dist_02 char(24)
, s_dist_03 char(24)
, s_dist_04 char(24)
, s_dist_05 char(24)
, s_dist_06 char(24)
, s_dist_07 char(24)
, s_dist_08 char(24)
, s_dist_09 char(24)
, s_dist_10 char(24)
)
cluster stokcluster (
  s_i_id
, s_w_id
);
    set echo off
    spool off
    exit sql.sqlcode;
```

createtable_ware.sql

```
/* created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreatetable.sh Thu Sep 8
11:27:28 PDT 2011 */
set timing on
   set sqlblanklines on
   spool createtable_ware.log
   set echo on
     drop cluster warecluster including tables ;

create cluster warecluster (
  w_id number
  )
  single table
  hashkeys 380000
  hash is ( (w_id - 1) )
  size 3496
    initrans 2
  storage ( buffer_pool default )
  tablespace ware_0;

create table ware (
  w_id number
, w_ytd number
, w_tax number
, w_name varchar2(10)
, w_street_1 varchar2(20)
, w_street_2 varchar2(20)
, w_city varchar2(20)
, w_state char(2)
, w_zip char(9)
)
cluster warecluster (
  w_id
);
   set echo off
   spool off
   exit sql.sqlcode;
```

tkvcinin.sql

```
Rem
Rem $Header: tk_perf/benchmark_kits/tpcc-new/scripts/sql/tkvcinin.sql
/main/2 2008/12/15 05:58:45 avliet Exp $
Rem
Rem tkvcinin.sql
Rem
Rem Copyright (c) 2001, 2008, Oracle and/or its affiliates.
Rem All rights reserved.
Rem
Rem    NAME
Rem      tkvcinin.sql - <one-line expansion of the name>
Rem
Rem    DESCRIPTION
Rem      <short description of component this file declares/defines>
Rem
Rem    NOTES
Rem      <other useful comments, qualifications, etc.>
Rem
Rem    MODIFIED   (MM/DD/YY)
Rem    heri       05/03/02 - Short table names.
Rem    lwang      07/24/01 - remove SET
Rem    lwang      05/22/01 - Merged lwang_createdb
Rem    lwang      05/21/01 - Created
Rem

-- The initnew package for storing variables used in the
-- New Order anonymous block

CREATE OR REPLACE PACKAGE inittpcc
AS
 TYPE intarray IS TABLE OF INTEGER index by binary_integer;
 TYPE distarray IS TABLE OF VARCHAR(24) index by binary_integer;
 TYPE rowidarray IS TABLE OF ROWID INDEX BY BINARY_INTEGER;
 nulldate      DATE;
 s_dist                                distarray;
 idx1arr                   intarray;
 s_remote                  intarray;
 dist                intarray;
 row_id                rowidarray;
 cust_rowid            rowid;
 dist_name             varchar2(11);
 ware_name             varchar2(11);
 c_num                 pls_integer;
 PROCEDURE init_no(idxarr intarray);
 PROCEDURE init_del;
 PROCEDURE init_pay;
END inittpcc;
/
show errors;

CREATE OR REPLACE PACKAGE BODY inittpcc AS
  PROCEDURE init_no (idxarr  intarray)
  IS
  BEGIN
       -- initialize null date
   nulldate := TO_DATE('09-15-1811', 'MM-DD-YYYY');

                -- we found a savings of ~500 instructions when
                -- initializing the cr_date array on both the client
                -- and the server, instead of initializing on
                -- the client and passing it to the server. this cannot be done
      -- as we require the current system date
                -- cr_date := SYSDATE;

                -- initialize idx1arr on the client and store it here
                -- as a package variable
   idx1arr := idxarr;
  END init_no;

  PROCEDURE init_del
  IS
  BEGIN
   FOR i IN 1 .. 10 LOOP
     dist(i) := i;
   END LOOP;
  END init_del;

  PROCEDURE init_pay IS
  BEGIN
    NULL;
  END init_pay;

END inittpcc;
/
show errors

CREATE OR REPLACE PACKAGE tpcc
AS
 TYPE intarray IS TABLE OF INTEGER index by binary_integer;
 TYPE distarray IS TABLE OF VARCHAR(24) index by binary_integer;
 TYPE rowidarray IS TABLE OF ROWID INDEX BY BINARY_INTEGER;
 TYPE chararray IS TABLE OF VARCHAR(1) index by binary_integer;
 TYPE numarray IS TABLE OF NUMBER index by binary_integer;
 TYPE datarray IS TABLE OF DATE INDEX BY BINARY_INTEGER;
 nulldate      DATE;
 s_dist                                distarray;
 idx1arr                   intarray;
 s_remote                  intarray;
 dist                intarray;
 row_id                rowidarray;
 cust_rowid            rowid;
 dist_name             varchar2(11);
 ware_name             varchar2(11);
 c_num                 pls_integer;

PROCEDURE neworder (
  par_w_id BINARY_INTEGER,
  par_d_id BINARY_INTEGER,
  par_c_id BINARY_INTEGER,
  par_o_all_local BINARY_INTEGER,
  par_o_ol_cnt IN OUT BINARY_INTEGER,
  par_w_tax IN OUT BINARY_INTEGER,
  par_d_tax IN OUT BINARY_INTEGER,
  par_o_id IN OUT BINARY_INTEGER,
  par_c_discount IN OUT BINARY_INTEGER,
  par_c_credit IN OUT varchar2,
  par_c_last IN OUT varchar2,
  par_retry IN OUT BINARY_INTEGER,
  par_cr_date DATE,
  par_ol_i_id intarray,
  par_ol_supply_w_id intarray,
  par_i_price IN OUT numarray,
  par_i_name IN OUT distarray,
  par_s_quantity IN OUT intarray,
  par_brand_generic IN OUT chararray,
  par_ol_amount IN OUT intarray,
  par_s_remote intarray,
  par_ol_quantity intarray
);

PROCEDURE orderstatus (
     ware_id                INTEGER,
```

```
    dist_id                INTEGER,
    cust_id          IN OUT INTEGER,
    bylastname               INTEGER,
    cust_last        IN OUT VARCHAR2,
    cust_first          OUT VARCHAR2,
    cust_middle         OUT VARCHAR2,
    cust_balance        OUT NUMBER,
    ord_id           IN OUT INTEGER,
    ord_entry_d         OUT VARCHAR2,
    ord_carrier_id      OUT INTEGER,
    ord_ol_cnt          OUT INTEGER,
    oline_supply_w_id IN OUT intarray,
    oline_i_id       IN OUT intarray,
    oline_quantity   IN OUT intarray,
    oline_amount     IN OUT numarray,
    oline_delivery_d    OUT datarray
);

PROCEDURE delivery (
    ware_id                          IN          INTEGER,
    dist_id                IN OUT    intarray,
    order_id                         OUT         intarray,
    ordcnt                 OUT       INTEGER,
    sums   OUT             intarray,
    del_date                         IN          DATE,
    carrier_id             IN        INTEGER,
    order_c_id             OUT       intarray,
    retry                  IN OUT    INTEGER
);

PROCEDURE payment (
    ware_id                INTEGER,
    dist_id                INTEGER,
    cust_w_id              INTEGER,
    cust_d_id              INTEGER,
    cust_id          IN OUT INTEGER,
    bylastname               INTEGER,
    hist_amount              NUMBER,
    cust_last        IN OUT VARCHAR2,
    ware_street_1       OUT VARCHAR2,
    ware_street_2       OUT VARCHAR2,
    ware_city           OUT VARCHAR2,
    ware_state          OUT VARCHAR2,
    ware_zip            OUT VARCHAR2,
    dist_street_1       OUT VARCHAR2,
    dist_street_2       OUT VARCHAR2,
    dist_city           OUT VARCHAR2,
    dist_state          OUT VARCHAR2,
    dist_zip            OUT VARCHAR2,
    cust_first          OUT VARCHAR2,
    cust_middle         OUT VARCHAR2,
    cust_street_1       OUT VARCHAR2,
    cust_street_2       OUT VARCHAR2,
    cust_city           OUT VARCHAR2,
    cust_state          OUT VARCHAR2,
    cust_zip            OUT VARCHAR2,
    cust_phone          OUT VARCHAR2,
    cust_since          OUT DATE,
    cust_credit      IN OUT VARCHAR2,
    cust_credit_lim     OUT NUMBER,
    cust_discount       OUT NUMBER,
    cust_balance     IN OUT NUMBER,
    cust_data        IN OUT VARCHAR2,
    cr_date          IN     DATE,
    retry            IN OUT INTEGER
);

PROCEDURE stocklevel (
    ware_id      INTEGER,
    dist_id      INTEGER,
    threshold    INTEGER,
    low_stock OUT INTEGER
  );
END tpcc;
/
show errors;

CREATE OR REPLACE PACKAGE BODY tpcc AS
    rows_lost                BINARY_INTEGER;
    max_index                BINARY_INTEGER;
    temp_index               BINARY_INTEGER;

    idx                  BINARY_INTEGER;
    dummy_local          BINARY_INTEGER;
    not_serializable     EXCEPTION;
    PRAGMA EXCEPTION_INIT(not_serializable,-8177);
    deadlock             EXCEPTION;
    PRAGMA EXCEPTION_INIT(deadlock,-60);
    snapshot_too_old     EXCEPTION;
    PRAGMA EXCEPTION_INIT(snapshot_too_old,-1555);

 PROCEDURE neworder (
 par_w_id BINARY_INTEGER,
 par_d_id BINARY_INTEGER,
 par_c_id BINARY_INTEGER,
 par_o_all_local BINARY_INTEGER,
 par_o_ol_cnt IN OUT BINARY_INTEGER,
 par_w_tax IN OUT BINARY_INTEGER,
 par_d_tax IN OUT BINARY_INTEGER,
 par_o_id IN OUT BINARY_INTEGER,
 par_c_discount IN OUT BINARY_INTEGER,
 par_c_credit IN OUT varchar2,
 par_c_last IN OUT varchar2,
 par_retry IN OUT BINARY_INTEGER,
 par_cr_date DATE,
 par_ol_i_id intarray,
 par_ol_supply_w_id intarray,
 par_i_price IN OUT numarray,
 par_i_name IN OUT distarray,
 par_s_quantity IN OUT intarray,
 par_brand_generic IN OUT chararray,
 par_ol_amount IN OUT intarray,
 par_s_remote intarray,
 par_ol_quantity intarray
 )
 IS
  BEGIN
   LOOP BEGIN
    UPDATE dist SET d_next_o_id = d_next_o_id + 1
     WHERE d_id = par_d_id AND  d_w_id = par_w_id
     RETURNING d_tax, d_next_o_id-1
     INTO par_d_tax, par_o_id;


    SELECT c_discount, c_credit, c_last
     INTO par_c_discount, par_c_credit, par_c_last
     FROM cust
     WHERE c_id = par_c_id AND c_d_id = par_d_id AND c_w_id =
par_w_id;

    SELECT w_tax
     INTO par_w_tax
     FROM ware
     WHERE w_id = par_w_id;


    INSERT INTO nord
     VALUES (par_w_id, par_d_id, par_o_id);
    INSERT INTO ordr
     VALUES (par_o_id, par_w_id, par_d_id, par_c_id, 11,
          par_o_ol_cnt, par_o_all_local, par_cr_date);

    dummy_local :=  par_d_id;

    CASE dummy_local
------------- u1 thru u10 --- BEGIN ---
WHEN 1 THEN
-- +++++++ u1
  BEGIN
     --
    FORALL idx IN 1 .. par_o_ol_cnt
     UPDATE   stock_item
     SET s_order_cnt = s_order_cnt + 1,
     s_ytd = s_ytd + par_ol_quantity(idx),
     s_remote_cnt = s_remote_cnt + par_s_remote(idx),
     s_quantity = (CASE WHEN s_quantity < par_ol_quantity (idx) + 10
                 THEN s_quantity +91
                 ELSE s_quantity
               END) - par_ol_quantity(idx)
     WHERE i_id = par_ol_i_id(idx)
     AND s_w_id = par_ol_supply_w_id(idx)
     RETURNING i_price, i_name, s_quantity, s_dist_01,
          i_price*par_ol_quantity(idx),
      CASE WHEN i_data NOT LIKE '%ORIGINAL%'
          THEN 'G'
           ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
               THEN 'G'
               ELSE 'B'
               END)
      END
          BULK COLLECT INTO par_i_price, par_i_name, par_s_quantity,
inittpcc.s_dist,
                par_ol_amount,par_brand_generic;
  END;
```

```
-- +++++++ u1
WHEN 2 THEN
-- +++++++ u2
  BEGIN
      --
     FORALL idx IN 1 .. par_o_ol_cnt
      UPDATE   stock_item
      SET s_order_cnt = s_order_cnt + 1,
      s_ytd = s_ytd + par_ol_quantity(idx),
      s_remote_cnt = s_remote_cnt + par_s_remote(idx),
      s_quantity = (CASE WHEN s_quantity < par_ol_quantity (idx) + 10
                    THEN s_quantity +91
                    ELSE s_quantity
                 END) - par_ol_quantity(idx)
      WHERE i_id = par_ol_i_id(idx)
      AND s_w_id = par_ol_supply_w_id(idx)
      RETURNING i_price, i_name, s_quantity, s_dist_02,
              i_price*par_ol_quantity(idx),
       CASE WHEN i_data NOT LIKE '%ORIGINAL%'
           THEN 'G'
            ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
                 THEN 'G'
                 ELSE 'B'
                 END)
       END
            BULK COLLECT INTO par_i_price, par_i_name, par_s_quantity,
inittpcc.s_dist,
                    par_ol_amount,par_brand_generic;
  END;
-- +++++++ u2
WHEN 3 THEN
-- +++++++ u3
  BEGIN
      --
      --
     FORALL idx IN 1 .. par_o_ol_cnt
      UPDATE   stock_item
      SET s_order_cnt = s_order_cnt + 1,
      s_ytd = s_ytd + par_ol_quantity(idx),
      s_remote_cnt = s_remote_cnt + par_s_remote(idx),
      s_quantity = (CASE WHEN s_quantity < par_ol_quantity (idx) + 10
                    THEN s_quantity +91
                    ELSE s_quantity
                 END) - par_ol_quantity(idx)
      WHERE i_id = par_ol_i_id(idx)
      AND s_w_id = par_ol_supply_w_id(idx)
      RETURNING i_price, i_name, s_quantity, s_dist_03,
              i_price*par_ol_quantity(idx),
       CASE WHEN i_data NOT LIKE '%ORIGINAL%'
           THEN 'G'
            ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
                 THEN 'G'
                 ELSE 'B'
                 END)
       END
            BULK COLLECT INTO par_i_price, par_i_name, par_s_quantity,
inittpcc.s_dist,
                    par_ol_amount,par_brand_generic;
  END;
-- +++++++ u3
WHEN 4 THEN
-- +++++++ u4
  BEGIN
      --
      --
     FORALL idx IN 1 .. par_o_ol_cnt
      UPDATE   stock_item
      SET s_order_cnt = s_order_cnt + 1,
      s_ytd = s_ytd + par_ol_quantity(idx),
      s_remote_cnt = s_remote_cnt + par_s_remote(idx),
      s_quantity = (CASE WHEN s_quantity < par_ol_quantity (idx) + 10
                    THEN s_quantity +91
                    ELSE s_quantity
                 END) - par_ol_quantity(idx)
      WHERE i_id = par_ol_i_id(idx)
      AND s_w_id = par_ol_supply_w_id(idx)
      RETURNING i_price, i_name, s_quantity, s_dist_04,
              i_price*par_ol_quantity(idx),
       CASE WHEN i_data NOT LIKE '%ORIGINAL%'
           THEN 'G'
            ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
                 THEN 'G'
                 ELSE 'B'
                 END)
       END
            BULK COLLECT INTO par_i_price, par_i_name, par_s_quantity,
inittpcc.s_dist,
                    par_ol_amount,par_brand_generic;
  END;
-- +++++++ u4
WHEN 5 THEN
-- +++++++ u5
  BEGIN
      --
      --
     FORALL idx IN 1 .. par_o_ol_cnt
      UPDATE   stock_item
      SET s_order_cnt = s_order_cnt + 1,
      s_ytd = s_ytd + par_ol_quantity(idx),
      s_remote_cnt = s_remote_cnt + par_s_remote(idx),
      s_quantity = (CASE WHEN s_quantity < par_ol_quantity (idx) + 10
                    THEN s_quantity +91
                    ELSE s_quantity
                 END) - par_ol_quantity(idx)
      WHERE i_id = par_ol_i_id(idx)
      AND s_w_id = par_ol_supply_w_id(idx)
      RETURNING i_price, i_name, s_quantity, s_dist_05,
              i_price*par_ol_quantity(idx),
       CASE WHEN i_data NOT LIKE '%ORIGINAL%'
           THEN 'G'
            ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
                 THEN 'G'
                 ELSE 'B'
                 END)
       END
            BULK COLLECT INTO par_i_price, par_i_name, par_s_quantity,
inittpcc.s_dist,
                    par_ol_amount,par_brand_generic;
  END;
-- +++++++ u5
WHEN 6 THEN
-- +++++++ u6
  BEGIN
      --
      --
     FORALL idx IN 1 .. par_o_ol_cnt
      UPDATE   stock_item
      SET s_order_cnt = s_order_cnt + 1,
      s_ytd = s_ytd + par_ol_quantity(idx),
      s_remote_cnt = s_remote_cnt + par_s_remote(idx),
      s_quantity = (CASE WHEN s_quantity < par_ol_quantity (idx) + 10
                    THEN s_quantity +91
                    ELSE s_quantity
                 END) - par_ol_quantity(idx)
      WHERE i_id = par_ol_i_id(idx)
      AND s_w_id = par_ol_supply_w_id(idx)
      RETURNING i_price, i_name, s_quantity, s_dist_06,
              i_price*par_ol_quantity(idx),
       CASE WHEN i_data NOT LIKE '%ORIGINAL%'
           THEN 'G'
            ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
                 THEN 'G'
                 ELSE 'B'
                 END)
       END
            BULK COLLECT INTO par_i_price, par_i_name, par_s_quantity,
inittpcc.s_dist,
                    par_ol_amount,par_brand_generic;
  END;
-- +++++++ u6
WHEN 7 THEN
-- +++++++ u7
  BEGIN
      --
      --
     FORALL idx IN 1 .. par_o_ol_cnt
      UPDATE   stock_item
      SET s_order_cnt = s_order_cnt + 1,
      s_ytd = s_ytd + par_ol_quantity(idx),
      s_remote_cnt = s_remote_cnt + par_s_remote(idx),
      s_quantity = (CASE WHEN s_quantity < par_ol_quantity (idx) + 10
                    THEN s_quantity +91
                    ELSE s_quantity
                 END) - par_ol_quantity(idx)
      WHERE i_id = par_ol_i_id(idx)
      AND s_w_id = par_ol_supply_w_id(idx)
      RETURNING i_price, i_name, s_quantity, s_dist_07,
              i_price*par_ol_quantity(idx),
       CASE WHEN i_data NOT LIKE '%ORIGINAL%'
           THEN 'G'
            ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
                 THEN 'G'
                 ELSE 'B'
                 END)
```

```
        END
            BULK COLLECT INTO par_i_price, par_i_name, par_s_quantity,
inittpcc.s_dist,
                par_ol_amount,par_brand_generic;
  END;
-- +++++++ u7
WHEN 8 THEN
-- +++++++ u8
  BEGIN
      --
      --
     FORALL idx IN 1 .. par_o_ol_cnt
      UPDATE   stock_item
      SET s_order_cnt = s_order_cnt + 1,
      s_ytd = s_ytd + par_ol_quantity(idx),
      s_remote_cnt = s_remote_cnt + par_s_remote(idx),
      s_quantity = (CASE WHEN s_quantity < par_ol_quantity (idx) + 10
                    THEN s_quantity +91
                    ELSE s_quantity
                 END) - par_ol_quantity(idx)
      WHERE i_id = par_ol_i_id(idx)
      AND s_w_id = par_ol_supply_w_id(idx)
      RETURNING i_price, i_name, s_quantity, s_dist_08,
            i_price*par_ol_quantity(idx),
       CASE WHEN i_data NOT LIKE '%ORIGINAL%'
           THEN 'G'
            ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
                 THEN 'G'
                 ELSE 'B'
                 END)
       END
            BULK COLLECT INTO par_i_price, par_i_name, par_s_quantity,
inittpcc.s_dist,
                par_ol_amount,par_brand_generic;
  END;
-- +++++++ u8
WHEN 9 THEN
-- +++++++ u9
  BEGIN
      --
      --
     FORALL idx IN 1 .. par_o_ol_cnt
      UPDATE   stock_item
      SET s_order_cnt = s_order_cnt + 1,
      s_ytd = s_ytd + par_ol_quantity(idx),
      s_remote_cnt = s_remote_cnt + par_s_remote(idx),
      s_quantity = (CASE WHEN s_quantity < par_ol_quantity (idx) + 10
                    THEN s_quantity +91
                    ELSE s_quantity
                 END) - par_ol_quantity(idx)
      WHERE i_id = par_ol_i_id(idx)
      AND s_w_id = par_ol_supply_w_id(idx)
      RETURNING i_price, i_name, s_quantity, s_dist_09,
            i_price*par_ol_quantity(idx),
       CASE WHEN i_data NOT LIKE '%ORIGINAL%'
           THEN 'G'
            ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
                 THEN 'G'
                 ELSE 'B'
                 END)
       END
            BULK COLLECT INTO par_i_price, par_i_name, par_s_quantity,
inittpcc.s_dist,
                par_ol_amount,par_brand_generic;
  END;
-- +++++++ u9
WHEN 10 THEN
-- +++++++ u10
  BEGIN
      --
      --
     FORALL idx IN 1 .. par_o_ol_cnt
      UPDATE   stock_item
      SET s_order_cnt = s_order_cnt + 1,
      s_ytd = s_ytd + par_ol_quantity(idx),
      s_remote_cnt = s_remote_cnt + par_s_remote(idx),
      s_quantity = (CASE WHEN s_quantity < par_ol_quantity (idx) + 10
                    THEN s_quantity +91
                    ELSE s_quantity
                 END) - par_ol_quantity(idx)
      WHERE i_id = par_ol_i_id(idx)
      AND s_w_id = par_ol_supply_w_id(idx)
      RETURNING i_price, i_name, s_quantity, s_dist_10,
            i_price*par_ol_quantity(idx),
       CASE WHEN i_data NOT LIKE '%ORIGINAL%'
           THEN 'G'
            ELSE (CASE WHEN s_data NOT LIKE '%ORIGINAL%'
                 THEN 'G'
                 ELSE 'B'
                 END)
       END
            BULK COLLECT INTO par_i_price, par_i_name, par_s_quantity,
inittpcc.s_dist,
                par_ol_amount,par_brand_generic;
  END;
-- +++++++ u10
------------- u1 thru u10 --- END ---
          ELSE
            EXIT;
        END CASE;

-- cache the no of rows processed
        dummy_local := sql%rowcount;


-- fix the rows if necessary
        IF (dummy_local != par_o_ol_cnt )  THEN
--   used to be PROCEDURE fix_items IS
  BEGIN
-- gotta shift price, name, s_quantity, brand_generic, s_dist, ol_amount
        idx := 1;
-- found 0 bad rows
        rows_lost := 0;
-- so many rows in out array to begin with
                max_index := sql%rowcount;
      WHILE (max_index != par_o_ol_cnt) LOOP

-- find item where item ids dont match
            WHILE (idx <= sql%rowcount AND
                    sql%bulk_rowcount(idx + rows_lost) = 1)
        LOOP
                idx := idx + 1;
        END LOOP;

-- shift the items please
        temp_index := max_index;
        WHILE (temp_index >= idx + rows_lost) LOOP
                par_i_price(temp_index + 1)      := par_i_price(temp_index);
            par_i_name(temp_index + 1)       := par_i_name(temp_index);
                par_s_quantity(temp_index + 1)   :=
par_s_quantity(temp_index);
            par_ol_amount(temp_index +1)     := par_ol_amount(temp_index);
            inittpcc.s_dist(temp_index + 1) := inittpcc.s_dist(temp_index);
                par_brand_generic(temp_index + 1) :=
par_brand_generic(temp_index);
                temp_index := temp_index - 1;
        END LOOP;

--  values for the non-existent items if not at end
        IF (idx + rows_lost <= par_o_ol_cnt) THEN
                par_i_price(idx + rows_lost)     :=   0;
                par_i_name(idx + rows_lost)      :=   'NO ITEM';
            par_ol_amount(idx + rows_lost)   :=   0;
            par_s_quantity(idx + rows_lost)  :=   0;
            inittpcc.s_dist(idx + rows_lost) := NULL;
            par_brand_generic(idx + rows_lost) := ' ';

--  one more bad row
            rows_lost := rows_lost + 1;
            max_index := max_index + 1;
                END IF;

        END LOOP;
    END ;
-- end of procedure fix_items;

  END IF;

        FORALL idx IN 1..par_o_ol_cnt
-- doesnt hurt if we insert entries for invalid item too
        INSERT INTO ordl
         VALUES (par_w_id, par_d_id, par_o_id, inittpcc.idx1arr(idx),
par_ol_i_id(idx),
                inittpcc.nulldate, par_ol_amount(idx), par_ol_supply_w_id(idx),
                    par_ol_quantity(idx),  inittpcc.s_dist(idx));

--If there are no errors, then just return without COMMITing
--The COMMIT is done on the driver side by OCI
-- If there are errors, then rollback and set o_ol_cnt to the processed value
-- note that this is an extra bind ### till we manage to get errors handled
-- properly
                IF (dummy_local != par_o_ol_cnt) THEN
            par_o_ol_cnt := dummy_local;
```

```
        ROLLBACK;
      END IF;

      EXIT;

      EXCEPTION
        WHEN not_serializable OR deadlock OR snapshot_too_old THEN
          ROLLBACK;
          par_retry := par_retry + 1;
       END;
    END LOOP;
  END neworder ;

PROCEDURE orderstatus (
    ware_id              INTEGER,
    dist_id              INTEGER,
    cust_id          IN OUT INTEGER,
    bylastname           INTEGER,
    cust_last        IN OUT VARCHAR2,
    cust_first         OUT VARCHAR2,
    cust_middle        OUT VARCHAR2,
    cust_balance       OUT NUMBER,
    ord_id           IN OUT INTEGER,
    ord_entry_d        OUT VARCHAR2,
    ord_carrier_id     OUT INTEGER,
    ord_ol_cnt         OUT INTEGER,
    oline_supply_w_id IN OUT intarray,
    oline_i_id       IN OUT intarray,
    oline_quantity   IN OUT intarray,
    oline_amount     IN OUT numarray,
    oline_delivery_d    OUT datarray
  )
  IS
    cust_rowid           ROWID;
    ol                   BINARY_INTEGER;
    c_num                BINARY_INTEGER;
    row_id               rowidarray;
    not_serializable     EXCEPTION;
    PRAGMA EXCEPTION_INIT(not_serializable,-8177);
    deadlock             EXCEPTION;
    PRAGMA EXCEPTION_INIT(deadlock,-60);
    snapshot_too_old     EXCEPTION;
    PRAGMA EXCEPTION_INIT(snapshot_too_old,-1555);
    CURSOR o_cur IS
      SELECT ol_i_id, ol_supply_w_id, ol_quantity, ol_amount,
          nvl(ol_delivery_d,to_date('15-09-1911','DD-MM-YYYY'))
del_date
      FROM ordl
      WHERE ol_d_id = dist_id AND ol_w_id = ware_id AND ol_o_id =
ord_id;
    CURSOR c_cur IS
      SELECT rowid
      FROM cust
      WHERE c_d_id = dist_id AND c_w_id = ware_id AND c_last =
cust_last
      ORDER BY c_w_id, c_d_id, c_last, c_first;
  BEGIN
    LOOP BEGIN

      IF bylastname != 0 THEN

        c_num := 0;
        FOR c_id_rec IN c_cur LOOP
          c_num := c_num + 1;
          row_id(c_num) := c_id_rec.rowid;
        END LOOP;
        cust_rowid := row_id ((c_num + 1) / 2);

        SELECT c_id, c_balance, c_first, c_middle, c_last
          INTO cust_id, cust_balance, cust_first, cust_middle, cust_last
          FROM cust
          WHERE rowid = cust_rowid;

      ELSE

        SELECT c_balance, c_first, c_middle, c_last
          INTO cust_balance, cust_first, cust_middle, cust_last
          FROM cust
          WHERE c_id = cust_id AND c_d_id = dist_id AND c_w_id =
ware_id;

      END IF;

-- AVLIET added the rownum=1 clause to select only one ORDER
-- according to TPCC-spec (2.6.2.2) largest order_id must be selected
      SELECT o_id,
                    to_char(o_entry_d, 'DD-MM-YYYY.HH24:MI:SS'),
          nvl(o_carrier_id,0), o_ol_cnt
        INTO ord_id,
                    ord_entry_d,
                    ord_carrier_id, ord_ol_cnt
        FROM ordr
       WHERE o_d_id = dist_id AND o_w_id = ware_id AND o_c_id =
cust_id
              AND rownum = 1
       ORDER BY o_w_id, o_d_id, o_c_id, o_id DESC;


      ol := 0;
      FOR o_cur_rec IN o_cur LOOP
        ol := ol + 1;
        oline_i_id(ol) := o_cur_rec.ol_i_id;
        oline_supply_w_id(ol) := o_cur_rec.ol_supply_w_id;
        oline_quantity(ol) := o_cur_rec.ol_quantity;
        oline_amount(ol) := o_cur_rec.ol_amount;
        oline_delivery_d(ol) := o_cur_rec.del_date;
      END LOOP;

      COMMIT;
      EXIT;

      EXCEPTION
        WHEN not_serializable OR deadlock OR snapshot_too_old THEN
          ROLLBACK;
      END;
    END LOOP;

  END orderstatus;

PROCEDURE delivery (
    ware_id                  IN      INTEGER,
    dist_id          IN OUT  intarray,
    order_id                 OUT     intarray,
    ordcnt           OUT     INTEGER,
    sums    OUT      intarray,
    del_date                 IN      DATE,
    carrier_id       IN      INTEGER,
    order_c_id       OUT     intarray,
    retry            IN OUT  INTEGER
) IS
BEGIN
  LOOP BEGIN
    FORALL d IN 1..10
      DELETE  /* index_asc (nord inord) */ FROM nord N
       WHERE no_d_id = inittpcc.dist(d)
        AND no_w_id = ware_id
        AND no_o_id = (select min (no_o_id)
                 from nord
                 where no_d_id = N.no_d_id
                      and no_w_id = N.no_w_id)
      RETURNING no_d_id, no_o_id BULK COLLECT INTO dist_id,
order_id;

    ordcnt := SQL%ROWCOUNT;

    FORALL o in 1.. ordcnt
      UPDATE ordr SET o_carrier_id = carrier_id
      WHERE o_id = order_id (o)
       AND o_d_id = dist_id(o)
       AND o_w_id = ware_id
      RETURNING o_c_id BULK COLLECT INTO order_c_id;

    FORALL o in 1.. ordcnt
      UPDATE ordl SET ol_delivery_d = del_date
      WHERE ol_w_id = ware_id
       AND ol_d_id = dist_id(o)
       AND ol_o_id = order_id(o)
      RETURNING sum(ol_amount) BULK COLLECT INTO sums;

    FORALL c IN 1.. ordcnt
      UPDATE cust
        SET c_balance = c_balance + sums(c),
                c_delivery_cnt = c_delivery_cnt + 1
       WHERE c_w_id = ware_id
        AND c_d_id = dist_id(c)
        AND c_id = order_c_id(c);

    COMMIT;
    EXIT;
    EXCEPTION
      WHEN not_serializable OR deadlock OR snapshot_too_old
      THEN
        ROLLBACK;
```

```
      retry := retry + 1;
    END;

  END LOOP; -- for retry
END delivery;

PROCEDURE payment (
    ware_id              INTEGER,
    dist_id              INTEGER,
    cust_w_id            INTEGER,
    cust_d_id            INTEGER,
    cust_id          IN OUT INTEGER,
    bylastname           INTEGER,
    hist_amount          NUMBER,
    cust_last        IN OUT VARCHAR2,
    ware_street_1       OUT VARCHAR2,
    ware_street_2       OUT VARCHAR2,
    ware_city           OUT VARCHAR2,
    ware_state          OUT VARCHAR2,
    ware_zip            OUT VARCHAR2,
    dist_street_1       OUT VARCHAR2,
    dist_street_2       OUT VARCHAR2,
    dist_city           OUT VARCHAR2,
    dist_state          OUT VARCHAR2,
    dist_zip            OUT VARCHAR2,
    cust_first          OUT VARCHAR2,
    cust_middle         OUT VARCHAR2,
    cust_street_1       OUT VARCHAR2,
    cust_street_2       OUT VARCHAR2,
    cust_city           OUT VARCHAR2,
    cust_state          OUT VARCHAR2,
    cust_zip            OUT VARCHAR2,
    cust_phone          OUT VARCHAR2,
    cust_since          OUT DATE,
    cust_credit      IN OUT VARCHAR2,
    cust_credit_lim     OUT NUMBER,
    cust_discount       OUT NUMBER,
    cust_balance     IN OUT NUMBER,
    cust_data           OUT VARCHAR2,
    cr_date          IN     DATE,
    retry            IN OUT INTEGER
  )
  IS
    TYPE rowidarray IS TABLE OF ROWID INDEX BY
BINARY_INTEGER;
    cust_rowid           ROWID;
    dist_name            VARCHAR2(11);
    ware_name            VARCHAR2(11);
    c_num                BINARY_INTEGER;
    row_id               rowidarray;
    not_serializable     EXCEPTION;
    PRAGMA EXCEPTION_INIT(not_serializable,-8177);
    deadlock             EXCEPTION;
    PRAGMA EXCEPTION_INIT(deadlock,-60);
    snapshot_too_old     EXCEPTION;
    PRAGMA EXCEPTION_INIT(snapshot_too_old,-1555);
    CURSOR c_cur IS
      SELECT rowid
      FROM cust
      WHERE c_d_id = cust_d_id AND c_w_id = cust_w_id AND c_last =
cust_last
      ORDER BY c_w_id, c_d_id, c_last, c_first;
  BEGIN
    LOOP BEGIN

      IF bylastname != 0 THEN

        c_num := 0;
        FOR c_id_rec IN c_cur LOOP
          c_num := c_num + 1;
          row_id(c_num) := c_id_rec.rowid;
        END LOOP;
        cust_rowid := row_id ((c_num + 1) / 2);

        UPDATE cust
          SET c_balance = c_balance - hist_amount,
              c_ytd_payment = c_ytd_payment + hist_amount,
              c_payment_cnt = c_payment_cnt + 1
         WHERE rowid = cust_rowid
      RETURNING c_id, c_first, c_middle, c_last, c_street_1, c_street_2,
              c_city, c_state, c_zip, c_phone,
              c_since, c_credit, c_credit_lim,
              c_discount, c_balance
         INTO cust_id, cust_first, cust_middle, cust_last, cust_street_1,
              cust_street_2, cust_city, cust_state, cust_zip, cust_phone,
              cust_since, cust_credit, cust_credit_lim, cust_discount,
              cust_balance;

      ELSE

        UPDATE cust
          SET c_balance = c_balance - hist_amount,
              c_ytd_payment = c_ytd_payment + hist_amount,
              c_payment_cnt = c_payment_cnt + 1
         WHERE c_id = cust_id AND c_d_id = cust_d_id AND
               c_w_id = cust_w_id
      RETURNING rowid, c_first, c_middle, c_last, c_street_1, c_street_2,
              c_city, c_state, c_zip, c_phone,
              c_since, c_credit, c_credit_lim,
              c_discount, c_balance
         INTO cust_rowid, cust_first, cust_middle, cust_last,
              cust_street_1, cust_street_2, cust_city, cust_state,
              cust_zip, cust_phone, cust_since, cust_credit,
              cust_credit_lim, cust_discount, cust_balance;
      END IF;

      IF cust_credit = 'BC' THEN

        UPDATE cust
          SET c_data = substr ((to_char (cust_id) || ' ' ||
                        to_char (cust_d_id) || ' ' ||
                        to_char (cust_w_id) || ' ' ||
                        to_char (dist_id) || ' ' ||
                        to_char (ware_id) || ' ' ||
                        to_char (hist_amount, '9999.99') || ' | ')
                       || c_data, 1, 500)
          WHERE rowid = cust_rowid
        RETURNING substr (c_data, 1, 200)
          INTO cust_data;
      ELSE
        cust_data := ' ';
      END IF;


      UPDATE dist
        SET d_ytd = d_ytd + hist_amount
       WHERE d_id = dist_id
        AND d_w_id = ware_id
    RETURNING d_name, d_street_1, d_street_2, d_city,d_state, d_zip
       INTO dist_name,dist_street_1,dist_street_2,dist_city,
            dist_state, dist_zip;

      UPDATE ware
        SET w_ytd = w_ytd + hist_amount
       WHERE w_id = ware_id
    RETURNING w_name, w_street_1, w_street_2, w_city, w_state, w_zip
       INTO ware_name, ware_street_1, ware_street_2, ware_city,
            ware_state, ware_zip;


      INSERT INTO hist
        (h_c_id, h_c_d_id, h_c_w_id, h_d_id, h_w_id, h_date,
         h_amount,h_data)
        VALUES
        (cust_id, cust_d_id, cust_w_id, dist_id, ware_id, cr_date,
         hist_amount, ware_name || '    ' || dist_name);

      COMMIT;
      EXIT;

      EXCEPTION
        WHEN not_serializable OR deadlock OR snapshot_too_old THEN
          ROLLBACK;
          retry := retry + 1;
      END;

    END LOOP;
  END payment;

PROCEDURE stocklevel (
    ware_id      INTEGER,
    dist_id      INTEGER,
    threshold    INTEGER,
    low_stock OUT INTEGER
  )
  IS
    not_serializable     EXCEPTION;
    PRAGMA EXCEPTION_INIT(not_serializable,-8177);
    deadlock             EXCEPTION;
    PRAGMA EXCEPTION_INIT(deadlock,-60);
    snapshot_too_old     EXCEPTION;
    PRAGMA EXCEPTION_INIT(snapshot_too_old,-1555);
  BEGIN
```

```
    LOOP BEGIN

      SELECT count (DISTINCT s_i_id)
        INTO low_stock
        FROM ordl, stok, dist
        WHERE d_id = dist_id AND d_w_id = ware_id AND
            d_id = ol_d_id AND d_w_id = ol_w_id AND
            ol_i_id = s_i_id AND ol_w_id = s_w_id AND
            s_quantity < threshold AND
            ol_o_id BETWEEN (d_next_o_id - 20) AND (d_next_o_id - 1);
      COMMIT;
      EXIT;

      EXCEPTION
        WHEN not_serializable OR deadlock OR snapshot_too_old THEN
          ROLLBACK;
      END;
    END LOOP;
  END stocklevel;

END tpcc;
/
show errors
```

tpccload.c

```
#ifdef RCSID
static char *RCSid =
  "$Header: tk_perf/benchmark_kits/tpcc-
new/benchrun/source/server/tpccload.c /main/1 2008/12/15 05:58:52 avliet
Exp $ Copyr (c) 1993 Oracle";
#endif /* RCSID */

/
*=================================================================+
|      Copyright (c) 1994  Oracle Corp, Redwood Shores, CA       |
|              OPEN SYSTEMS PERFORMANCE GROUP                    |
|                  All Rights Reserved                           |
+=================================================================+
| FILENAME
|   tpccload.c
| DESCRIPTION
|   Load or generate TPC-C database tables.
|   Usage: tpccload -M <# of wares> [options]
|           options: -A  load all tables
|                    -w  load ware table
|                    -d  load dist table
|                    -c  load cust table (cluster around c_w_id)
|                    -C  load cust table (cluster around c_id)
|                    -i  load item table
|                    -s  load stok table (cluster around s_w_id)
|                    -S  load stok table (cluster around s_i_id)
|                    -h  load hist table
|                    -n  load new-order table
|                    -o <oline file> load order and order-line table
|                    -b <ware#>  beginning ware number
|                    -e <ware#>  ending ware number
|                    -j <item#>  beginning item number (with -S)
|                    -k <item#>  ending item number (with -S)
|                    -l <cid#>  beginning cid number (with -C)
|                    -m <cid#>  ending cid number (with -C)
|                    -g  generate rows to standard output
+=================================================================
============*/

#include <stdio.h>
#include <stdlib.h>
#include <string.h>
#include <time.h>
#include <sys/types.h>
#include "tpcc.h"

#ifdef ORA_NT
#undef boolean
#include <process.h>
#include "dpbcore.h"
# define gettime dpbtimef
# define getcpu  dpbcpu
#define lrand48() ((long)rand() <<15 | rand())
#ifdef __STDC__
#  define PROTO(args)    args
#else
#  define PROTO(args)    ()
#endif
#endif

#define DISTARR 10                /* dist insert array size              */
#define CUSTARR 100                         /* cust insert array size
                */
#define STOCARR 100                         /* stok insert array size
                */
#define ITEMARR 100                         /* item insert array size
                */
#define HISTARR 100             /* hist insert array size    */
#define ORDEARR 100             /* order insert array size      */
#define NEWOARR 100             /* new order insert array size  */

#define DISTFAC 10                /* max. dist id            */
#define CUSTFAC 3000                        /* max. cust id           */
#define STOCFAC 100000                      /* max. stok id           */
#define ITEMFAC 100000                      /* max. item id
                */
#define HISTFAC 30000           /* history / warehouse  */
#define ORDEFAC 3000            /* order / district     */
#define NEWOFAC 900             /* new order / district */

#define C       0               /* constant in non-uniform dist. eqt. */
#define CNUM1   1               /* first constant in non-uniform dist. eqt. */
#define CNUM2   2               /* second constant in non-uniform dist. eqt. */
#define CNUM3   3               /* third constant in non-uniform dist. eqt. */

#define SEED    2               /* seed for random functions */

#define NOT_SERIALIZABLE  8177  /* ORA-08177: transaction not
serializable */
#define SNAPSHOT_TOO_OLD  1555  /* ORA-01555: snapshot too old */
#define RECOVERR -10
#define IRRECERR -20

#define SQLTXTW "INSERT INTO ware (w_id, w_ytd, w_tax, w_name,
w_street_1, w_street_2, w_city, w_state, w_zip) VALUES (:w_id,
30000000, :w_tax, :w_name, :w_street_1, \
  :w_street_2, :w_city, :w_state, :w_zip)"

#define SQLTXTD "INSERT INTO dist (d_id, d_w_id, d_ytd, d_tax,
d_next_o_id, d_name, d_street_1, d_street_2, d_city, d_state, d_zip)
VALUES (:d_id, :d_w_id,3000000, :d_tax, \
    3001, :d_name, :d_street_1, :d_street_2, :d_city, :d_state, :d_zip)"

#define SQLTXTCQUERY "select /*+ HASH ( cust ) */ count(*) from cust
where c_w_id = :s_c_w_id and c_d_id = :s_c_d_id and c_id = :s_c_id"

#define SQLTXTC "INSERT INTO cust (C_ID, C_D_ID, C_W_ID,
C_FIRST, C_MIDDLE, C_LAST, C_STREET_1, C_STREET_2, C_CITY,
C_STATE, C_ZIP, C_PHONE, C_SINCE, C_CREDIT, C_CREDIT_LIM,
C_DISCOUNT, C_BALANCE, C_YTD_PAYMENT, C_PAYMENT_CNT,
C_DELIVERY_CNT, C_DATA) VALUES (:c_id, :c_d_id, :c_w_id, \
  :c_first, 'OE', :c_last, :c_street_1, :c_street_2, :c_city, :c_state, \
  :c_zip, :c_phone, SYSDATE, :c_credit, 5000000, :c_discount, -1000, 1000,
1, \
  0, :c_data)"

#define SQLTXTH "INSERT INTO hist (h_c_id, h_c_d_id, h_c_w_id,
h_d_id, h_w_id, h_date, h_amount, h_data) VALUES (:h_c_id, :h_c_d_id,
:h_c_w_id, \
  :h_d_id, :h_w_id, SYSDATE, 1000, :h_data)"

#define SQLTXTSQUERY "select /*+ HASH ( stok ) */ count(*) from stok
where s_w_id = :s_s_w_id and s_i_id = :s_s_i_id "

#define SQLTXTS "INSERT INTO stok (s_i_id, s_w_id,
s_quantity,s_dist_01, s_dist_02, s_dist_03, s_dist_04, s_dist_05 , s_dist_06,
s_dist_07, s_dist_08, s_dist_09, s_dist_10, s_ytd, s_order_cnt, s_remote_cnt,
s_data) \
VALUES (:s_i_id, :s_w_id, :s_quantity, \
  :s_dist_01, :s_dist_02, :s_dist_03, :s_dist_04, :s_dist_05, :s_dist_06, \
  :s_dist_07, :s_dist_08, :s_dist_09, :s_dist_10, 0, 0, 0, :s_data)" \

#define SQLTXTI "INSERT INTO item
(I_ID,I_IM_ID,I_NAME,I_PRICE,I_DATA) VALUES (:i_id, :i_im_id,
:i_name, :i_price, \
  :i_data)"

#define SQLTXTO1 "INSERT INTO ordr (O_ID,
O_D_ID,O_W_ID,O_C_ID,O_ENTRY_D,O_CARRIER_ID,O_OL_CNT,O_
ALL_LOCAL) \
  VALUES (:o_id, :o_d_id, :o_w_id, :o_c_id, \
  SYSDATE, :o_carrier_id, :o_ol_cnt, 1)"

#define SQLTXTO2 "INSERT INTO ordr (O_ID,
O_D_ID,O_W_ID,O_C_ID,O_ENTRY_D,O_CARRIER_ID,O_OL_CNT,O_
```

```
ALL_LOCAL) \
   VALUES (:o_id, :o_d_id, :o_w_id, :o_c_id, \
   SYSDATE, 11, :o_ol_cnt, 1)"

#define SQLTXTOL1 "INSERT INTO ordl (OL_O_ID, OL_D_ID,
OL_W_ID, OL_NUMBER, OL_DELIVERY_D, OL_I_ID,
OL_SUPPLY_W_ID, OL_QUANTITY, OL_AMOUNT, OL_DIST_INFO) \
   VALUES (:ol_o_id, :ol_d_id, \
   :ol_w_id, :ol_number, SYSDATE, :ol_i_id, :ol_supply_w_id, 5, 0, \
   :ol_dist_info)"

#define SQLTXTOL2 "INSERT INTO ordl (OL_O_ID, OL_D_ID,
OL_W_ID, OL_NUMBER, OL_DELIVERY_D, OL_I_ID,
OL_SUPPLY_W_ID, OL_QUANTITY, OL_AMOUNT, OL_DIST_INFO) \
   VALUES (:ol_o_id, :ol_d_id, \
   :ol_w_id, :ol_number, to_date('01-Jan-1811'), :ol_i_id, :ol_supply_w_id,
5, :ol_amount, \
   :ol_dist_info)"

#define SQLTXTNO "INSERT INTO nord (no_o_id, no_d_id, no_w_id)
VALUES (:no_o_id, :no_d_id, :no_w_id)"

#define SQLTXTENHA "alter session set \"_enable_hash_overflow\"=true"
#define SQLTXTDIHA "alter session set \"_enable_hash_overflow\"=false"

static char *lastname[] = {
   "BAR",
   "OUGHT",
   "ABLE",
   "PRI",
   "PRES",
   "ESE",
   "ANTI",
   "CALLY",
   "ATION",
   "EING"
};

char num9[10];
char num16[17];
char str2[3];
char str24[15][25];
int randperm3000[3000];

void initperm();
void randstr();
void randdatastr();
void randnum();
void randlastname (char*, int);
int NURand();
void sysdate();

OCIEnv *tpcenv;
OCIServer *tpcsrv;
OCIError *errhp;
OCISvcCtx *tpcsvc;
OCISession *tpcusr;
OCIStmt *curw;
OCIStmt *curd;
OCIStmt *curc;
OCIStmt *curcs;
OCIStmt *curh;
OCIStmt *curs;
OCIStmt *curss;
OCIStmt *curi;
OCIStmt *curo1;
OCIStmt *curo2;
OCIStmt *curol1;
OCIStmt *curol2;
OCIStmt *curno;

OCIBind *w_id_bp = (OCIBind *) 0;
OCIBind *w_name_bp = (OCIBind *) 0;
OCIBind *w_street1_bp = (OCIBind *) 0;
OCIBind *w_street2_bp = (OCIBind *) 0;
OCIBind *w_city_bp = (OCIBind *) 0;
OCIBind *w_state_bp = (OCIBind *) 0;
OCIBind *w_zip_bp = (OCIBind *) 0;
OCIBind *w_tax_bp = (OCIBind *) 0;

OCIBind *d_id_bp = (OCIBind *) 0;
OCIBind *d_w_id_bp = (OCIBind *) 0;
OCIBind *d_name_bp = (OCIBind *) 0;
OCIBind *d_street1_bp = (OCIBind *) 0;
OCIBind *d_street2_bp = (OCIBind *) 0;
OCIBind *d_city_bp = (OCIBind *) 0;
OCIBind *d_state_bp = (OCIBind *) 0;
OCIBind *d_zip_bp = (OCIBind *) 0;
OCIBind *d_tax_bp = (OCIBind *) 0;

OCIDefine *s_c_ret_bp = (OCIDefine *) 0;
OCIBind *s_c_id_bp = (OCIBind *) 0;
OCIBind *s_c_d_id_bp = (OCIBind *) 0;
OCIBind *s_c_w_id_bp = (OCIBind *) 0;

OCIBind *c_id_bp = (OCIBind *) 0;
OCIBind *c_d_id_bp = (OCIBind *) 0;
OCIBind *c_w_id_bp = (OCIBind *) 0;
OCIBind *c_first_bp = (OCIBind *) 0;
OCIBind *c_last_bp = (OCIBind *) 0;
OCIBind *c_street1_bp = (OCIBind *) 0;
OCIBind *c_street2_bp = (OCIBind *) 0;
OCIBind *c_city_bp = (OCIBind *) 0;
OCIBind *c_state_bp = (OCIBind *) 0;
OCIBind *c_zip_bp = (OCIBind *) 0;
OCIBind *c_phone_bp = (OCIBind *) 0;
OCIBind *c_discount_bp = (OCIBind *) 0;
OCIBind *c_credit_bp = (OCIBind *) 0;
OCIBind *c_data_bp = (OCIBind *) 0;

OCIBind *i_id_bp = (OCIBind *) 0;
OCIBind *i_im_id_bp = (OCIBind *) 0;
OCIBind *i_name_bp = (OCIBind *) 0;
OCIBind *i_price_bp = (OCIBind *) 0;
OCIBind *i_data_bp = (OCIBind *) 0;
OCIDefine *s_s_ret_bp = (OCIDefine *) 0;
OCIBind *s_s_i_id_bp = (OCIBind *) 0;
OCIBind *s_s_w_id_bp = (OCIBind *) 0;

OCIBind *s_i_id_bp = (OCIBind *) 0;
OCIBind *s_w_id_bp = (OCIBind *) 0;
OCIBind *s_quantity_bp = (OCIBind *) 0;
OCIBind *s_dist_01_bp = (OCIBind *) 0;
OCIBind *s_dist_02_bp = (OCIBind *) 0;
OCIBind *s_dist_03_bp = (OCIBind *) 0;
OCIBind *s_dist_04_bp = (OCIBind *) 0;
OCIBind *s_dist_05_bp = (OCIBind *) 0;
OCIBind *s_dist_06_bp = (OCIBind *) 0;
OCIBind *s_dist_07_bp = (OCIBind *) 0;
OCIBind *s_dist_08_bp = (OCIBind *) 0;
OCIBind *s_dist_09_bp = (OCIBind *) 0;
OCIBind *s_dist_10_bp = (OCIBind *) 0;
OCIBind *s_data_bp = (OCIBind *) 0;

OCIBind *h_c_id_bp = (OCIBind *) 0;
OCIBind *h_c_d_id_bp = (OCIBind *) 0;
OCIBind *h_c_w_id_bp = (OCIBind *) 0;
OCIBind *h_d_id_bp = (OCIBind *) 0;
OCIBind *h_w_id_bp = (OCIBind *) 0;
OCIBind *h_data_bp = (OCIBind *) 0;

OCIBind *ol_o_id_bp = (OCIBind *) 0;
OCIBind *ol_d_id_bp = (OCIBind *) 0;
OCIBind *ol_w_id_bp = (OCIBind *) 0;
OCIBind *ol_i_id_bp = (OCIBind *) 0;
OCIBind *ol_number_bp = (OCIBind *) 0;
OCIBind *ol_supply_w_id_bp = (OCIBind *) 0;
OCIBind *ol_dist_info_bp = (OCIBind *) 0;
OCIBind *ol_amount_bp = (OCIBind *) 0;

OCIBind *o_id_bp = (OCIBind *) 0;
OCIBind *o_d_id_bp = (OCIBind *) 0;
OCIBind *o_w_id_bp = (OCIBind *) 0;
OCIBind *o_c_id_bp = (OCIBind *) 0;
OCIBind *o_carrier_id_bp = (OCIBind *) 0;
OCIBind *o_ol_cnt_bp  = (OCIBind *) 0;
OCIBind *o_ocnt_bp = (OCIBind *) 0;
OCIBind *o_olcnt_bp  = (OCIBind *) 0;


OCIBind *no_o_id_bp  = (OCIBind *) 0;
OCIBind *no_d_id_bp  = (OCIBind *) 0;
OCIBind *no_w_id_bp  = (OCIBind *) 0;

void myusage()
{
   fprintf (stderr, "\n");
   fprintf (stderr, "Usage:\ttpccload -M <multiplier> [options]\n");
   fprintf (stderr, "options:\n");
   fprintf (stderr, "\t-A :\tload all tables\n");
   fprintf (stderr, "\t-w :\tload ware table\n");
   fprintf (stderr, "\t-d :\tload dist table\n");
```

```
  fprintf (stderr, "\t-c :\tload cust table (cluster around c_w_id\n");
  fprintf (stderr, "\t-C :\tload cust table (cluster around c_id\n");
  fprintf (stderr, "\t-i :\tload item table\n");
  fprintf (stderr, "\t-s :\tload stok table (cluster around s_w_id)\n");
  fprintf (stderr, "\t-S :\tload stok table (cluster around s_i_id)\n");
  fprintf (stderr, "\t-h :\tload hist table\n");
  fprintf (stderr, "\t-n :\tload new-order table\n");
  fprintf (stderr, "\t-o <oline file> :\tload order and order-line table\n");
  fprintf (stderr, "\t-b <ware#> :\tbeginning ware number\n");
  fprintf (stderr, "\t-e <ware#> :\tending ware number\n");
  fprintf (stderr, "\t-j <item#> :\tbeginning item number (with -S)\n");
  fprintf (stderr, "\t-k <item#> :\tending item number (with -S)\n");
  fprintf (stderr, "\t-l <cid#> :\tbeginning cid number (with -C)\n");
  fprintf (stderr, "\t-m <cid#> :\tending cid number (with -C)\n");
  fprintf (stderr, "\t-g :\tgenerate rows to standard output\n");
  fprintf (stderr,"\t   $tpcc_bench must be set to the location of the kit\n");
  fprintf (stderr, "\n");
  exit(1);
}

int sqlfile(fnam,linebuf)
char   *fnam;
text   *linebuf;
{
   FILE *fd;
   int nulpt = 0;
   char realfile[512];

   sprintf(realfile,"%s",fnam);
   fd = fopen(realfile,"r");
   if (!fd)
   {
     return (0);
   }
   while (fgets((char *)linebuf+nulpt, SQL_BUF_SIZE, fd))
   {
      nulpt = strlen((char *)linebuf);
   }
   return(nulpt);
}

void quit()
{
  OCIERROR(errhp,OCISessionEnd ( tpcsvc,errhp, tpcusr,
OCI_DEFAULT));
  OCIERROR(errhp,OCIServerDetach ( tpcsrv, errhp, OCI_DEFAULT));
  OCIHandleFree((dvoid *)tpcusr, OCI_HTYPE_SESSION);
  OCIHandleFree((dvoid *)tpcsvc, OCI_HTYPE_SVCCTX);
  OCIHandleFree((dvoid *)errhp, OCI_HTYPE_ERROR);
  OCIHandleFree((dvoid *)tpcsrv, OCI_HTYPE_SERVER);
  OCIHandleFree((dvoid *)tpcenv, OCI_HTYPE_ENV);
}

void main (argc, argv)
int argc;
char *argv[];
{
  char *uid="tpcc";
  char *pwd="tpcc";
  int scale=0;
  int i, j;
  int loop;
  long loopcount;
  int cid;
  int dwid;
  int cdid;
  int cwid;
  int sid;
  int swid;
  int olcnt;
  long nrows;
  long row;

  int w_id;
  char w_name[11];
  char w_street_1[21];
  char w_street_2[21];
  char w_city[21];
  char w_state[2];
  char w_zip[9];
  float w_tax;

  int d_id[10];
  int d_w_id[10];
  char d_name[10][11];
  char d_street_1[10][21];
  char d_street_2[10][21];
  char d_city[10][21];
  char d_state[10][2];
  char d_zip[10][9];
  float d_tax[10];

  int s_c_id;
  int s_c_d_id;
  int s_c_w_id;
  int s_c_count;

  int c_id[100];
  int c_d_id[100];
  int c_w_id[100];
  char c_first[100][17];
  char c_last[100][17];
  char c_street_1[100][21];
  char c_street_2[100][21];
  char c_city[100][21];
  char c_state[100][2];
  char c_zip[100][9];
  char c_phone[100][16];
  char c_credit[100][2];
  float c_discount[100];
  char c_data[100][501];

  int i_id[100];
  int i_im_id[100];
  int i_price[100];
  char i_name[100][25];
  char i_data[100][51];

  int s_s_count;
  int s_s_i_id;
  int s_s_w_id;

  int s_i_id[100];
  int s_w_id[100];
  int s_quantity[100];
  char s_dist_01[100][25];
  char s_dist_02[100][25];
  char s_dist_03[100][25];
  char s_dist_04[100][25];
  char s_dist_05[100][25];
  char s_dist_06[100][25];
  char s_dist_07[100][25];
  char s_dist_08[100][25];
  char s_dist_09[100][25];
  char s_dist_10[100][25];
  char s_data[100][51];

  int h_w_id[100];
  int h_d_id[100];
  int h_c_id[100];
  char h_data[100][25];

  int o_id[100];
  int o_d_id[100];
  int o_w_id[100];
  int o_c_id[100];
  int o_carrier_id[100];
  int o_ol_cnt[100];

  int ol_o_id[1500];
  int ol_d_id[1500];
  int ol_w_id[1500];
  int ol_number[1500];
  int ol_i_id[1500];
  int ol_supply_w_id[1500];
  int ol_amount[1500];
  char ol_dist_info[1500][24];
  int o_cnt;
  int ol_cnt;

  ub2 ol_o_id_len[1500];
  ub2 ol_d_id_len[1500];
  ub2 ol_w_id_len[1500];
  ub2 ol_number_len[1500];
  ub2 ol_i_id_len[1500];
  ub2 ol_supply_w_id_len[1500];
  ub2 ol_dist_info_len[1500];
  ub2 ol_amount_len[1500];

  ub4 ol_o_id_clen;
  ub4 ol_d_id_clen;
  ub4 ol_w_id_clen;
  ub4 ol_number_clen;
  ub4 ol_i_id_clen;
```

```
  ub4 ol_supply_w_id_clen;
  ub4 ol_dist_info_clen;
  ub4 ol_amount_clen;

  ub2 o_id_len[100];
  ub2 o_d_id_len[100];
  ub2 o_w_id_len[100];
  ub2 o_c_id_len[100];
  ub2 o_carrier_id_len[100];
  ub2 o_ol_cnt_len[100];

  ub4 o_id_clen;
  ub4 o_d_id_clen;
  ub4 o_w_id_clen;
  ub4 o_c_id_clen;
  ub4 o_carrier_id_clen;
  ub4 o_ol_cnt_clen;

  text stmbuf[16*1024];

  int no_o_id[100];
  int no_d_id[100];
  int no_w_id[100];

  char sdate[30];

#ifdef ORA_NT
  clock_t begin_time, end_time;
  clock_t begin_cpu, end_cpu;

  char *arg_ptr,  **end_args;
#else
  double begin_time, end_time;
  double begin_cpu, end_cpu;
  double gettime(), getcpu();

  extern int getopt();
  extern char *optarg;
  extern int optind, opterr;
  int opt;
#endif

  char       *argstr="M:AwdcCisShno:b:e:j:k:l:m:g";
  int do_A=0;
  int do_w=0;
  int do_d=0;
  int do_i=0;
  int do_c=0;
  int do_C=0;
  int do_s=0;
  int do_S=0;
  int do_h=0;
  int do_o=0;
  int do_n=0;
  int gen=0;
  int bware=1;
  int eware=0;
  int bitem=1;
  int eitem=0;
  int bcid=1;
  int ecid=0;

  FILE *olfp=NULL;
  char olfname[100];
  char* basename;
  int status;
#ifdef ORA_NT
  char fname[100];
  FILE *logfile;
#endif /* ORA_NT */

/*-----------------------------------------------------------------+
 | Parse command line -- look for scale factor.
                |
 +-----------------------------------------------------------------*/

  if (argc == 1) {
    myusage ();
  }

#ifdef ORA_NT
  end_args = argv + argc;
  for (++argv; argv < end_args; )
  {
    arg_ptr = *argv++;

      if (*arg_ptr != '-')
      {
        myusage ();
      } else
      {
     switch (arg_ptr[1]) {
      case '?': myusage ();
              break;
      case 'M': scale = atoi (*argv++);
              break;
      case 'A': do_A = 1;
              break;
      case 'w': do_w = 1;
              break;
      case 'd': do_d = 1;
              break;
      case 'c': do_c = 1;
              break;
      case 'C': do_C = 1;
              break;
      case 'i': do_i = 1;
              break;
      case 's': do_s = 1;
              break;
      case 'S': do_S = 1;
              break;
      case 'h': do_h = 1;
              break;
      case 'n': do_n = 1;
              break;
      case 'o': do_o = 1;
              strcpy (olfname, *argv++);
              break;
      case 'b': bware = atoi (*argv++);
              break;
      case 'e': eware = atoi (*argv++);
              break;
      case 'j': bitem = atoi (*argv++);
              break;
      case 'k': eitem = atoi (*argv++);
              break;
      case 'l': bcid = atoi (*argv++);
              break;
      case 'm': ecid = atoi (*argv++);
              break;
      case 'g': gen = 1;
              strcpy (fname, *argv++);
              break;
      case 'l': logfile=fopen(*argv++,"w");
              break;
      default: fprintf (stderr, "THIS SHOULD NEVER HAPPEN!!!\n");
             fprintf (stderr, "(reached default case in getopt ())\n");
             myusage ();
     }
      }
  }


#else

  while ((opt = getopt (argc, argv, argstr)) != -1) {
    switch (opt) {
      case '?': myusage ();
              break;
      case 'M': scale = atoi (optarg);
              break;
      case 'A': do_A = 1;
              break;
      case 'w': do_w = 1;
              break;
      case 'd': do_d = 1;
              break;
      case 'c': do_c = 1;
              break;
      case 'C': do_C = 1;
              break;
      case 'i': do_i = 1;
              break;
      case 's': do_s = 1;
              break;
      case 'S': do_S = 1;
              break;
      case 'h': do_h = 1;
              break;
      case 'n': do_n = 1;
              break;
      case 'o': do_o = 1;
              strcpy (olfname, optarg);
```

```
            break;
      case 'b': bware = atoi (optarg);
            break;
      case 'e': eware = atoi (optarg);
            break;
      case 'j': bitem = atoi (optarg);
            break;
      case 'k': eitem = atoi (optarg);
            break;
      case 'l': bcid = atoi (optarg);
            break;
      case 'm': ecid = atoi (optarg);
            break;
      case 'g': gen = 1;
            break;
      default: fprintf (stderr, "THIS SHOULD NEVER HAPPEN!!!\n");
            fprintf (stderr, "(reached default case in getopt ())\n");
            myusage ();
    }
  }

# endif /* ORA_NT */

/*-----------------------------------------------------------------*|
|             Rudimentary error checking
            |
|*-----------------------------------------------------------------*/

  if (scale  < 1) {
    fprintf (stderr, "Invalid scale factor: '%d'\n", scale);
    myusage ();
  }

  if (!(do_A || do_w || do_d || do_c || do_C || do_i || do_s || do_S || do_h || do_o
||
      do_n)) {
    fprintf (stderr, "What should I load???\n");
    myusage ();
  }

  if (gen && (do_A || (do_w + do_d + do_c + do_C + do_i + do_s + do_S +
do_h + do_o +
                do_n > 1))) {
    fprintf (stderr, "Can only generate table one at a time\n");
    myusage ();
  }

  if (do_S && (do_A || do_s)) {
    fprintf (stderr, "Cluster stock table around s_w_id or s_i_id?\n");
    myusage ();
  }

  if (do_C && (do_A || do_c)) {
    fprintf (stderr, "Cluster cust table around c_w_id or c_id?\n");
    myusage ();
  }

  if (eware <= 0)
    eware = scale;
  if (ecid <= 0)
    ecid = CUSTFAC;
  if (eitem <= 0)
    eitem = STOCFAC;

  if (do_C) {
    if ((bcid  < 1) || (bcid > CUSTFAC)) {
      fprintf (stderr, "Invalid beginning cid number: '%d'\n", bcid);
      myusage ();
    }

    if ((ecid  < bcid) || (ecid > CUSTFAC)) {
      fprintf (stderr, "Invalid ending cid number: '%d'\n", ecid);
      myusage ();
    }
  }
  if (do_S) {
    if ((bitem  < 1) || (bitem > STOCFAC)) {
      fprintf (stderr, "Invalid beginning item number: '%d'\n", bitem);
      myusage ();
    }

    if ((eitem  < bitem) || (eitem > STOCFAC)) {
      fprintf (stderr, "Invalid ending item number: '%d'\n", eitem);
      myusage ();
    }
  }
  if (do_o) {
    if ((basename = getenv ("tpcc_bench")) == NULL)
    {
      fprintf (stderr, "$tpcc_bench is not set");
      myusage ();
    }
  }

  if ((bware  < 1) || (bware > scale)) {
    fprintf (stderr, "Invalid beginning warehouse number: '%d'\n", bware);
    myusage ();
  }

  if ((eware  < bware) || (eware > scale)) {
    fprintf (stderr, "Invalid ending warehouse number: '%d'\n", eware);
    myusage ();
  }

  if (gen && do_o) {
    if ((olfp = fopen (olfname, "w")) == NULL) {
      fprintf (stderr, "Can't open '%s' for writing order lines\n", olfname);
      myusage ();
    }


  }

/*-----------------------------------------------------------------+
 | Prepare to insert into database.                                |
 +-----------------------------------------------------------------*/

  sysdate (sdate);
  if (!gen) {

    /* log on to Oracle */

    OCIInitialize(OCI_DEFAULT|OCI_OBJECT,(dvoid *)0,0,0,0);
    OCIEnvInit(&tpcenv, OCI_DEFAULT, 0, (dvoid **)0);
    OCIHandleAlloc((dvoid *)tpcenv, (dvoid **)&tpcsrv,
OCI_HTYPE_SERVER, 0 , (dvoid **)0);
    OCIHandleAlloc((dvoid *)tpcenv, (dvoid **)&errhp,
OCI_HTYPE_ERROR, 0 , (dvoid **)0);
    OCIHandleAlloc((dvoid *)tpcenv, (dvoid **)&tpcsvc,
OCI_HTYPE_SVCCTX, 0 , (dvoid **)0);
    OCIServerAttach(tpcsrv, errhp, (text *)0,0,OCI_DEFAULT);
    OCIAttrSet((dvoid *)tpcsvc, OCI_HTYPE_SVCCTX, (dvoid *)tpcsrv,
          (ub4)0,OCI_ATTR_SERVER, errhp);
    OCIHandleAlloc((dvoid *)tpcenv, (dvoid **)&tpcusr,
OCI_HTYPE_SESSION, 0 , (dvoid **)0);
    OCIAttrSet((dvoid *)tpcusr, OCI_HTYPE_SESSION, (dvoid *)uid,
          (ub4)strlen(uid),OCI_ATTR_USERNAME, errhp);
    OCIAttrSet((dvoid *)tpcusr, OCI_HTYPE_SESSION, (dvoid *)pwd,
(ub4)strlen(pwd),
          OCI_ATTR_PASSWORD, errhp);
    OCIERROR(errhp, OCISessionBegin(tpcsvc, errhp, tpcusr,
OCI_CRED_RDBMS, OCI_DEFAULT));

    OCIAttrSet(tpcsvc, OCI_HTYPE_SVCCTX, tpcusr, 0,
OCI_ATTR_SESSION, errhp);

    fprintf (stderr, "\nConnected to Oracle userid '%s/%s'.\n", uid, pwd);

    /* open cursors and parse statement */
    if (do_A || do_w)  {
      OCIERROR(errhp,OCIHandleAlloc(tpcenv,(dvoid **)(&curw),
OCI_HTYPE_STMT, 0, (dvoid**)0));
      OCIERROR(errhp,OCIStmtPrepare(curw, errhp, (text *)SQLTXTW,
            strlen((char *)SQLTXTW), (ub4) OCI_NTV_SYNTAX, (ub4)
OCI_DEFAULT));
    }

    if (do_A || do_d) {
      OCIERROR(errhp,OCIHandleAlloc(tpcenv,(dvoid **)(&curd),
OCI_HTYPE_STMT, 0, (dvoid**)0));
      OCIERROR(errhp,OCIStmtPrepare(curd, errhp, (text *)SQLTXTD,
            strlen((char *)SQLTXTD), (ub4) OCI_NTV_SYNTAX, (ub4)
OCI_DEFAULT));
    }

    if (do_A || do_c || do_C) {
      OCIERROR(errhp,OCIHandleAlloc(tpcenv,(dvoid **)(&curc),
OCI_HTYPE_STMT, 0, (dvoid**)0));
      OCIERROR(errhp,OCIStmtPrepare(curc, errhp, (text *)SQLTXTC,
            strlen((char *)SQLTXTC), (ub4) OCI_NTV_SYNTAX, (ub4)
OCI_DEFAULT));
      OCIERROR(errhp,OCIHandleAlloc(tpcenv,(dvoid **)(&curcs),
OCI_HTYPE_STMT, 0, (dvoid**)0));
      OCIERROR(errhp,OCIStmtPrepare(curcs, errhp, (text
```

```
*)SQLTXTCQUERY,
            strlen((char *)SQLTXTCQUERY), (ub4) OCI_NTV_SYNTAX,
(ub4) OCI_DEFAULT));
    }

    if (do_A || do_h) {
      OCIERROR(errhp,OCIHandleAlloc(tpcenv,(dvoid **)(&curh),
OCI_HTYPE_STMT, 0, (dvoid**)0));
      OCIERROR(errhp,OCIStmtPrepare(curh, errhp, (text *)SQLTXTH,
            strlen((char *)SQLTXTH), (ub4) OCI_NTV_SYNTAX, (ub4)
OCI_DEFAULT));
    }

    if (do_A || do_s || do_S) {
      OCIERROR(errhp,OCIHandleAlloc(tpcenv,(dvoid **)(&curs),
OCI_HTYPE_STMT, 0, (dvoid**)0));
      OCIERROR(errhp,OCIStmtPrepare(curs, errhp, (text *)SQLTXTS,
            strlen((char *)SQLTXTS), (ub4) OCI_NTV_SYNTAX, (ub4)
OCI_DEFAULT));
      OCIERROR(errhp,OCIHandleAlloc(tpcenv,(dvoid **)(&curss),
OCI_HTYPE_STMT, 0, (dvoid**)0));
      OCIERROR(errhp,OCIStmtPrepare(curss, errhp, (text
*)SQLTXTSQUERY,
            strlen((char *)SQLTXTSQUERY), (ub4) OCI_NTV_SYNTAX,
(ub4) OCI_DEFAULT));
    }

    if (do_A || do_i) {
      OCIERROR(errhp,OCIHandleAlloc(tpcenv,(dvoid **)(&curi),
OCI_HTYPE_STMT, 0, (dvoid**)0));
      OCIERROR(errhp,OCIStmtPrepare(curi, errhp, (text *)SQLTXTI,
            strlen((char *)SQLTXTI), (ub4) OCI_NTV_SYNTAX, (ub4)
OCI_DEFAULT));
    }

    if (do_A || do_o) {
      int stat;
      char fname[160];
      OCIERROR(errhp,OCIHandleAlloc(tpcenv,(dvoid **)(&curo1),
OCI_HTYPE_STMT, 0, (dvoid**)0));
      DISCARD strcpy(fname,basename);
      DISCARD strcat(fname, "/");
      DISCARD strcat(fname, "benchrun/blocks/load_ordordl.sql");
      stat = sqlfile(fname, stmbuf);
      if (!stat)
      {
        fprintf (stderr, "unable to open %s \n",fname);
        quit();
        exit(1);
      }
      OCIERROR(errhp,OCIStmtPrepare(curo1, errhp, stmbuf,
            strlen((char *)stmbuf), (ub4) OCI_NTV_SYNTAX, (ub4)
OCI_DEFAULT));
    }

    if (do_A || do_n) {
      OCIERROR(errhp,OCIHandleAlloc(tpcenv,(dvoid **)(&curno),
OCI_HTYPE_STMT, 0, (dvoid**)0));
      OCIERROR(errhp,OCIStmtPrepare(curno, errhp, (text *)SQLTXTNO,
            strlen((char *)SQLTXTNO), (ub4) OCI_NTV_SYNTAX, (ub4)
OCI_DEFAULT));
    }

    /* bind variables */

    /* warehouse */

    if (do_A || do_w) {
      OCIERROR(errhp, OCIBindByName(curw, &w_id_bp, errhp, (text *)
(":w_id"), strlen((":w_id")),
            (ub1 *)&(w_id), sizeof(w_id), SQLT_INT, (dvoid *) 0, (ub2
*)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curw, &w_name_bp, errhp,(text
*)":w_name", strlen(":w_name"),
            (ub1 *)w_name, 11, SQLT_STR, (dvoid *) 0, (ub2 *)0, (ub2
*)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curw, &w_street1_bp, errhp,
(text *)":w_street_1",
                  strlen(":w_street_1"), (ub1 *)w_street_1, 21,
SQLT_STR,
                  (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curw, &w_street2_bp, errhp,
(text *)":w_street_2",
                  strlen(":w_street_2"), (ub1 *)w_street_2, 21,
SQLT_STR,
                  (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curw, &w_city_bp, errhp, (text
*)":w_city",
                  strlen(":w_city"), (ub1 *)w_city, 21, SQLT_STR,
                  (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curw, &w_state_bp, errhp, (text
*)":w_state",
                  strlen(":w_state"), (ub1 *)w_state, 2, SQLT_CHR,
                  (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curw, &w_zip_bp, errhp, (text
*)":w_zip",
                  strlen(":w_zip"), (ub1 *)w_zip, 9, SQLT_CHR,
                  (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curw, &w_tax_bp, errhp, (text
*)":w_tax",
                  strlen(":w_tax"), (ub1 *) & w_tax, sizeof(w_tax),
SQLT_FLT,
                  (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));
    }

    /* district */

    if (do_A || do_d) {
      OCIERROR(errhp, OCIBindByName(curd, &d_id_bp, errhp, (text
*)":d_id",
                  strlen(":d_id"), (ub1 *)d_id, sizeof(int), SQLT_INT,
                  (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curd, &d_w_id_bp, errhp, (text
*)":d_w_id",
                  strlen(":d_w_id"), (ub1 *)d_w_id, sizeof(int),
SQLT_INT,
                  (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curd, &d_name_bp, errhp, (text
*)":d_name",
                  strlen(":d_name"), (ub1 *)d_name, 11, SQLT_STR,
                  (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curd, &d_street1_bp, errhp, (text
*)":d_street_1",
                  strlen(":d_street_1"), (ub1 *)d_street_1, 21,
SQLT_STR,
                  (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curd, &d_street2_bp, errhp, (text
*)":d_street_2",
                  strlen(":d_street_2"), (ub1 *)d_street_2, 21,
SQLT_STR,
                  (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curd, &d_city_bp, errhp, (text
*)":d_city",
                  strlen(":d_city"), (ub1 *)d_city, 21, SQLT_STR,
                  (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curd, &d_state_bp, errhp, (text
*)":d_state",
            strlen(":d_state"), (ub1 *)d_state, 2, SQLT_CHR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curd, &d_zip_bp, errhp, (text
*)":d_zip",
            strlen(":d_zip"), (ub1 *)d_zip, 9, SQLT_CHR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));
```

```
    OCIERROR(errhp, OCIBindByName(curd, &d_tax_bp, errhp, (text
*)":d_tax",
            strlen(":d_tax"), (ub1 *)d_tax, sizeof(float), SQLT_FLT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));
  }

  /* customer */

  if (do_A || do_c || do_C) {
    OCIERROR(errhp, OCIBindByName(curcs, &s_c_id_bp, errhp, (text
*)":s_c_id",
            strlen(":s_c_id"), (ub1 *)&s_c_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curcs, &s_c_w_id_bp, errhp,
(text *)":s_c_w_id",
            strlen(":s_c_w_id"), (ub1 *)&s_c_w_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curcs, &s_c_d_id_bp, errhp, (text
*)":s_c_d_id",
            strlen(":s_c_d_id"), (ub1 *)&s_c_d_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIDefineByPos(curcs,&s_c_ret_bp,errhp,1,&s_c_count,sizeof(int),SQ
LT_INT,\
            0,0,0,OCI_DEFAULT);

    OCIERROR(errhp, OCIBindByName(curc, &c_id_bp, errhp, (text
*)":c_id",
            strlen(":c_id"), (ub1 *)c_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curc, &c_d_id_bp, errhp, (text
*)":c_d_id",
            strlen(":c_d_id"), (ub1 *)c_d_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curc, &c_w_id_bp, errhp, (text
*)":c_w_id",
            strlen(":c_w_id"), (ub1 *)c_w_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curc, &c_first_bp, errhp, (text
*)":c_first",
                    strlen(":c_first"), (ub1 *)c_first, 17, SQLT_STR,
                    (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curc, &c_last_bp, errhp, (text
*)":c_last",
                    strlen(":c_last"), (ub1 *)c_last, 17, SQLT_STR,
                    (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curc, &c_street1_bp, errhp, (text
*)":c_street_1",
            strlen(":c_street_1"), (ub1 *)c_street_1, 21, SQLT_STR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curc, &c_street2_bp, errhp, (text
*)":c_street_2",
            strlen(":c_street_2"), (ub1 *)c_street_2, 21, SQLT_STR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curc, &c_city_bp, errhp, (text
*)":c_city",
            strlen(":c_city"), (ub1 *)c_city, 21, SQLT_STR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curc, &c_state_bp, errhp, (text
*)":c_state",
            strlen(":c_state"), (ub1 *)c_state, 2, SQLT_CHR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curc, &c_zip_bp, errhp, (text
*)":c_zip",
            strlen(":c_zip"), (ub1 *)c_zip, 9, SQLT_CHR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curc, &c_phone_bp, errhp, (text
*)":c_phone",
            strlen(":c_phone"), (ub1 *)c_phone, 16, SQLT_CHR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curc, &c_credit_bp, errhp, (text
*)":c_credit",
            strlen(":c_credit"), (ub1 *)c_credit, 2, SQLT_CHR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curc, &c_discount_bp, errhp,
(text *)":c_discount",
            strlen(":c_discount"), (ub1 *)c_discount, sizeof(float),
SQLT_FLT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curc, &c_data_bp, errhp, (text
*)":c_data",
            strlen(":c_data"), (ub1 *)c_data, 501, SQLT_STR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));
  }

  /* item */

  if (do_A || do_i) {
    OCIERROR(errhp, OCIBindByName(curi, &i_id_bp, errhp, (text
*)":i_id",
            strlen(":i_id"), (ub1 *)i_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curi, &i_im_id_bp, errhp, (text
*)":i_im_id",
            strlen(":i_im_id"), (ub1 *)i_im_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curi, &i_name_bp, errhp, (text
*)":i_name",
            strlen(":i_name"), (ub1 *)i_name, 25, SQLT_STR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curi, &i_price_bp, errhp, (text
*)":i_price",
            strlen(":i_price"), (ub1 *)i_price, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curi, &i_data_bp, errhp, (text
*)":i_data",
            strlen(":i_data"), (ub1 *)i_data, 51, SQLT_STR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));
  }

  /* stock */

  if (do_A || do_s || do_S) {
    OCIERROR(errhp, OCIBindByName(curss, &s_s_i_id_bp, errhp, (text
*)":s_s_i_id",
            strlen(":s_s_i_id"), (ub1 *)&s_s_i_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curss, &s_s_w_id_bp, errhp,
(text *)":s_s_w_id",
            strlen(":s_s_w_id"), (ub1 *)&s_s_w_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));
    OCIDefineByPos(curss,&s_s_ret_bp,errhp,1,&s_s_count,sizeof(int),SQ
LT_INT,\
            0,0,0,OCI_DEFAULT);

    OCIERROR(errhp, OCIBindByName(curs, &s_i_id_bp, errhp, (text
*)":s_i_id",
            strlen(":s_i_id"), (ub1 *)s_i_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
```

```
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curs, &s_w_id_bp, errhp, (text
*)":s_w_id",
            strlen(":s_w_id"), (ub1 *)s_w_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curs, &s_quantity_bp, errhp,
(text *)":s_quantity",
            strlen(":s_quantity"), (ub1 *)s_quantity, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curs, &s_dist_01_bp, errhp, (text
*)":s_dist_01",
            strlen(":s_dist_01"), (ub1 *)s_dist_01, 25, SQLT_STR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curs, &s_dist_02_bp, errhp, (text
*)":s_dist_02",
            strlen(":s_dist_02"), (ub1 *)s_dist_02, 25, SQLT_STR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curs, &s_dist_03_bp, errhp, (text
*)":s_dist_03",
            strlen(":s_dist_03"), (ub1 *)s_dist_03, 25, SQLT_STR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curs, &s_dist_04_bp, errhp, (text
*)":s_dist_04",
            strlen(":s_dist_04"), (ub1 *)s_dist_04, 25, SQLT_STR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curs, &s_dist_05_bp, errhp, (text
*)":s_dist_05",
            strlen(":s_dist_05"), (ub1 *)s_dist_05, 25, SQLT_STR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curs, &s_dist_06_bp, errhp, (text
*)":s_dist_06",
            strlen(":s_dist_06"), (ub1 *)s_dist_06, 25, SQLT_STR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curs, &s_dist_07_bp, errhp, (text
*)":s_dist_07",
            strlen(":s_dist_07"), (ub1 *)s_dist_07, 25, SQLT_STR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curs, &s_dist_08_bp, errhp, (text
*)":s_dist_08",
            strlen(":s_dist_08"), (ub1 *)s_dist_08, 25, SQLT_STR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curs, &s_dist_09_bp, errhp, (text
*)":s_dist_09",
            strlen(":s_dist_09"), (ub1 *)s_dist_09, 25, SQLT_STR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curs, &s_dist_10_bp, errhp, (text
*)":s_dist_10",
            strlen(":s_dist_10"), (ub1 *)s_dist_10, 25, SQLT_STR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curs, &s_data_bp, errhp, (text
*)":s_data",
            strlen(":s_data"), (ub1 *)s_data, 51, SQLT_STR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));
  }

  /* history */

  if (do_A || do_h) {
    OCIERROR(errhp, OCIBindByName(curh, &h_c_id_bp, errhp, (text
*)":h_c_id",
            strlen(":h_c_id"), (ub1 *)h_c_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curh, &h_c_d_id_bp, errhp, (text
*)":h_c_d_id",
            strlen(":h_c_d_id"), (ub1 *)h_d_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curh, &h_c_w_id_bp, errhp, (text
*)":h_c_w_id",
            strlen(":h_c_w_id"), (ub1 *)h_w_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curh, &h_d_id_bp, errhp, (text
*)":h_d_id",
            strlen(":h_d_id"), (ub1 *)h_d_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curh, &h_w_id_bp, errhp, (text
*)":h_w_id",
            strlen(":h_w_id"), (ub1 *)h_w_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curh, &h_data_bp, errhp, (text
*)":h_data",
            strlen(":h_data"), (ub1 *)h_data, 25, SQLT_STR,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));
  }

  /* order and order_line (delivered) */

  if (do_A || do_o) {

    for (i = 0; i < ORDEARR; i++ ) {
      o_id_len[i] = sizeof(int);
      o_d_id_len[i] = sizeof(int);
      o_w_id_len[i] = sizeof(int);
      o_c_id_len[i] = sizeof(int);
      o_carrier_id_len[i] = sizeof(int);
      o_ol_cnt_len[i] = sizeof(int);
    }

    OCIERROR(errhp, OCIBindByName(curo1, &ol_o_id_bp, errhp, (text
*)":ol_o_id",
            strlen(":ol_o_id"), (ub1 *)ol_o_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)ol_o_id_len, (ub2 *)0,
            (ub4) 15*ORDEARR, (ub4 *)&ol_o_id_clen, (ub4)
OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curo1, &ol_d_id_bp, errhp, (text
*)":ol_d_id",
            strlen(":ol_d_id"), (ub1 *)ol_d_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)ol_d_id_len, (ub2 *)0,
            (ub4) 15*ORDEARR, (ub4 *) &ol_d_id_clen, (ub4)
OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curo1, &ol_w_id_bp, errhp, (text
*)":ol_w_id",
            strlen(":ol_w_id"), (ub1 *)ol_w_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)ol_w_id_len, (ub2 *)0,
            (ub4) 15*ORDEARR, (ub4 *) &ol_w_id_clen, (ub4)
OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curo1, &ol_number_bp, errhp,
(text *)":ol_number",
            strlen(":ol_number"), (ub1 *)ol_number, sizeof(int),
SQLT_INT,
            (dvoid *) 0, (ub2 *)ol_number_len, (ub2 *)0,
            (ub4) 15*ORDEARR, (ub4 *) &ol_number_clen, (ub4)
OCI_DEFAULT));

    OCIERROR(errhp, OCIBindByName(curo1, &ol_i_id_bp, errhp, (text
```

```
*)":ol_i_id",
            strlen(":ol_i_id"), (ub1 *)ol_i_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)ol_i_id_len, (ub2 *)0,
            (ub4) 15*ORDEARR, (ub4 *) &ol_i_id_clen, (ub4)
OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curo1, &ol_supply_w_id_bp,
errhp, (text *)":ol_supply_w_id",
            strlen(":ol_supply_w_id"), (ub1 *)ol_supply_w_id, sizeof(int),
SQLT_INT,
            (dvoid *) 0, (ub2 *)ol_supply_w_id_len, (ub2 *)0,
            (ub4) 15*ORDEARR, (ub4 *) &ol_supply_w_id_clen, (ub4)
OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curo1, &ol_dist_info_bp, errhp,
(text *)":ol_dist_info",
            strlen(":ol_dist_info"), (ub1 *)ol_dist_info, 24, SQLT_CHR,
            (dvoid *) 0, (ub2 *)ol_dist_info_len, (ub2 *)0,
            (ub4) 15*ORDEARR, (ub4 *) &ol_dist_info_clen, (ub4)
OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curo1, &ol_amount_bp, errhp,
(text *)":ol_amount",
            strlen(":ol_amount"), (ub1 *)ol_amount, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)ol_amount_len, (ub2 *)0,
            (ub4) 15*ORDEARR, (ub4 *) &ol_amount_clen, (ub4)
OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curo1, &o_id_bp, errhp, (text
*)":o_id",
            strlen(":o_id"), (ub1 *)o_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)o_id_len, (ub2 *)0,
            (ub4) ORDEARR, (ub4 *) &o_id_clen, (ub4)
OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curo1, &o_d_id_bp, errhp, (text
*)":o_d_id",
            strlen(":o_d_id"), (ub1 *)o_d_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)o_d_id_len, (ub2 *)0,
            (ub4) ORDEARR, (ub4 *) &o_d_id_clen, (ub4)
OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curo1, &o_w_id_bp, errhp, (text
*)":o_w_id",
            strlen(":o_w_id"), (ub1 *)o_w_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)o_w_id_len, (ub2 *)0,
            (ub4) ORDEARR, (ub4 *) &o_w_id_clen, (ub4)
OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curo1, &o_c_id_bp, errhp, (text
*)":o_c_id",
            strlen(":o_c_id"), (ub1 *)o_c_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)o_c_id_len, (ub2 *)0,
            (ub4) ORDEARR, (ub4 *) &o_c_id_clen, (ub4)
OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curo1, &o_carrier_id_bp, errhp,
(text *)":o_carrier_id",
            strlen(":o_carrier_id"), (ub1 *)o_carrier_id, sizeof(int),
SQLT_INT,
            (dvoid *) 0, (ub2 *)o_carrier_id_len, (ub2 *)0,
            (ub4) ORDEARR, (ub4 *) &o_carrier_id_clen, (ub4)
OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curo1, &o_ol_cnt_bp, errhp, (text
*)":o_ol_cnt",
            strlen(":o_ol_cnt"), (ub1 *)o_ol_cnt, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)o_ol_cnt_len, (ub2 *)0,
            (ub4) ORDEARR, (ub4 *) &o_ol_cnt_clen, (ub4)
OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curo1, &o_ocnt_bp, errhp, (text
*)":order_rows",
            strlen(":order_rows"), (ub1 *)&o_cnt, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curo1, &o_olcnt_bp, errhp, (text
*)":ordl_rows",
            strlen(":ordl_rows"), (ub1 *)&ol_cnt, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));
    }

    /* new order */

    if (do_A || do_n) {
      OCIERROR(errhp, OCIBindByName(curno, &no_o_id_bp, errhp, (text
*)":no_o_id",
            strlen(":no_o_id"), (ub1 *)no_o_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curno, &no_d_id_bp, errhp, (text
*)":no_d_id",
            strlen(":no_d_id"), (ub1 *)no_d_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));

      OCIERROR(errhp, OCIBindByName(curno, &no_w_id_bp, errhp, (text
*)":no_w_id",
            strlen(":no_w_id"), (ub1 *)no_w_id, sizeof(int), SQLT_INT,
            (dvoid *) 0, (ub2 *)0, (ub2 *)0,
            (ub4) 0, (ub4 *) 0, (ub4) OCI_DEFAULT));
    }
  }

/*-----------------------------------------------------------------+
 | Initialize random number generator
                |
 +-----------------------------------------------------------------*/

  srand (SEED);
#ifndef ORA_NT
  srand48 (SEED);
#endif
  initperm ();


/*-----------------------------------------------------------------+
 | Load the WAREHOUSE table.
                |
 +-----------------------------------------------------------------*/

  if (do_A || do_w) {
    nrows = (long)eware - (long)bware + 1;

    fprintf (stderr, "Loading/generating warehouse: w%d - w%d (%ld
rows)\n",
            bware, eware, nrows);

    begin_time = gettime ();
    begin_cpu = getcpu ();

    for (loop = bware; loop <= eware; loop++) {

      w_tax = (float) ((lrand48 () % 2001) * 0.0001);
      randstr (w_name, 6, 10);
      randstr (w_street_1, 10, 20);
      randstr (w_street_2, 10, 20);
      randstr (w_city, 10, 20);
      randstr (str2, 2, 2);
      randnum (num9, 9);
      num9[4] = num9[5] = num9[6] = num9[7] = num9[8] = '1';

      if (gen) {
        printf ("%d 30000000 %6.4f %s %s %s %s %s %s\n", loop, w_tax,
              w_name, w_street_1, w_street_2, w_city, str2, num9);
        fflush (stdout);
      }
      else {
        w_id = loop;
        strncpy (w_state, str2, 2);
        strncpy (w_zip, num9, 9);

              status = OCIStmtExecute(tpcsvc, curw, errhp, (ub4) 1, (ub4) 0,
                (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
                (ub4) OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS);
              if (status != OCI_SUCCESS) {
                fprintf (stderr, "Error at ware %d\n", loop);
                OCIERROR(errhp, status);
                quit ();
            exit (1);
        }
      }
    }

    end_time = gettime ();
    end_cpu = getcpu ();
    fprintf (stderr, "Done.  %ld rows loaded/generated in %10.2f sec. (%10.2f
cpu)\n\n", nrows, end_time - begin_time, end_cpu - begin_cpu);
  }

/*-----------------------------------------------------------------+
```

```
| Load the DISTRICT table.
              |
+-----------------------------------------------------------------*/

  if (do_A || do_d) {
    nrows = ((long)eware - (long)bware + 1) * DISTFAC;

    fprintf (stderr, "Loading/generating district: w%d - w%d (%ld rows)\n",
            bware, eware, nrows);

    begin_time = gettime ();
    begin_cpu = getcpu ();

    dwid = bware - 1;

    for (row = 0; row < nrows; ) {
      dwid++;

      for (i = 0; i < DISTARR; i++, row++) {
        d_tax[i] = (float) ((lrand48 () % 2001) * 0.0001);
        randstr (d_name[i], 6, 10);
        randstr (d_street_1[i], 10, 20);
        randstr (d_street_2[i], 10, 20);
        randstr (d_city[i], 10, 20);
        randstr (str2, 2, 2);
        randnum (num9, 9);
        num9[4] = num9[5] = num9[6] = num9[7] = num9[8] = '1';

        if (gen) {
          printf ("%d %d 3000000 %6.4f 3001 %s %s %s %s %s %s\n",
                i + 1, dwid, d_tax[i], d_name[i], d_street_1[i],
                              d_street_2[i], d_city[i], str2, num9 );
        }
        else {
          d_id[i] = i + 1;
          d_w_id[i] = dwid;
          strncpy (d_state[i], str2, 2);
          strncpy (d_zip[i], num9, 9);
        }
      }

      if (gen) {
        fflush (stdout);
      }
      else {
        status = OCIStmtExecute(tpcsvc, curd, errhp, (ub4) DISTARR, (ub4)
0,
                (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
                (ub4) OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS);
        if (status != OCI_SUCCESS) {
                        fprintf (stderr, "Aborted at ware %d, dist 1\n", dwid);
            OCIERROR(errhp, status);
            quit ();
            exit (1);
        }
      }
    }
    end_time = gettime ();
    end_cpu = getcpu ();
    fprintf (stderr, "Done.  %ld rows loaded/generated in %10.2f sec. (%10.2f
cpu)\n\n", nrows, end_time - begin_time, end_cpu - begin_cpu);
  }

/*-----------------------------------------------------------------+
 | Load the CUSTOMER table.
              |
 +-----------------------------------------------------------------*/

  if (do_A || do_c) {

    nrows = ((long)eware - (long)bware + 1) * CUSTFAC * DISTFAC;

    fprintf (stderr, "Loading/generating customer: w%d - w%d (%ld rows)\n
",
            bware, eware, nrows);

    if (getenv("tpcc_hash_overflow")) {
      fprintf(stderr,"Hash overflow is enabled\n");
      OCIHandleAlloc(tpcenv, (dvoid **)&curi, OCI_HTYPE_STMT, 0,
(dvoid**)0);
      sprintf ((char *) stmbuf, SQLTXTENHA);
      OCIStmtPrepare(curi, errhp, stmbuf, strlen((char *)stmbuf),
                OCI_NTV_SYNTAX, OCI_DEFAULT);
      OCIERROR(errhp,OCIStmtExecute(tpcsvc, curi,
errhp,1,0,0,0,OCI_DEFAULT));
      OCIHandleFree(curi, OCI_HTYPE_STMT);
      fprintf (stderr,"Customer loaded for horizontal partitioning\n");
    }
    else
    {
      fprintf (stderr,"Customer not loaded for horizontal partitioning\n");
    }
    begin_time = gettime ();
    begin_cpu = getcpu ();

    s_c_id = 1;
    s_c_d_id = 1;
    s_c_w_id = bware;

    while (s_c_w_id <= eware) {
      status = OCIStmtExecute(tpcsvc, curcs, errhp, (ub4) 1, (ub4) 0,
            (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
            (ub4) OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS);
        if (status != OCI_SUCCESS) {
            OCIERROR(errhp, status);
            quit ();
            exit (1);
        }

        if (s_c_count == 0) {
          s_c_w_id--;
          break;
        }
        else s_c_w_id++;
    }
    if (s_c_w_id < bware ) s_c_w_id = bware;
    else {
      if (s_c_w_id > eware ) s_c_w_id = eware;
      while (s_c_d_id <= DISTFAC) {
        status = OCIStmtExecute(tpcsvc, curcs, errhp, (ub4) 1, (ub4) 0,
              (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
              (ub4) OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS);
          if (status != OCI_SUCCESS) {
                        fprintf (stderr, "Select failed\n");
              OCIERROR(errhp, status);
              quit ();
              exit (1);
          }
          if (s_c_count == 0) {
            s_c_d_id--;
            break;
          }
          else s_c_d_id++;
      }
      if (s_c_d_id > DISTFAC) s_c_d_id = DISTFAC;

      while (s_c_id <= CUSTFAC) {
        status = OCIStmtExecute(tpcsvc, curcs, errhp, (ub4) 1, (ub4) 0,
              (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
              (ub4) OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS);
          if (status != OCI_SUCCESS) {
              OCIERROR(errhp, status);
              quit ();
              exit (1);
          }
          if (s_c_count == 0) break;
          else s_c_id++;
      }
    }
    if (s_c_id > CUSTFAC) {
      if (s_c_d_id == DISTFAC) {
        s_c_d_id=1;
        s_c_w_id++;
      } else {
              s_c_d_id++;
      }
      s_c_id=1;
    }

    fprintf (stderr, "start at wid: %d, did: %d, cid: %d\n   ",s_c_w_id,
s_c_d_id, s_c_id);
    cid = s_c_id - 1;
    cdid = s_c_d_id;
    cwid = s_c_w_id;
    nrows = ((long)eware - (long)s_c_w_id + 1) * DISTFAC * CUSTFAC -
((long)s_c_d_id - 1) * CUSTFAC - (long)s_c_id + 1;
    fprintf (stderr, "remaining rows: %ld\n   ", nrows);
    loopcount = 0;

    for (row = 0; row < nrows; ) {
      for (i = 0; i < CUSTARR && row < nrows; i++, row++) {
        cid++;
```

```
        if (cid > CUSTFAC) {       /* cycle cust id */
          cid = 1;                 /* cheap mod */
          cdid++;                  /* shift dist cycle */
          if (cdid > DISTFAC) {
            cdid = 1;
            cwid++;                /* shift ware cycle */
          }
        }
        c_id[i] = cid;
        c_d_id[i] = cdid;
        c_w_id[i] = cwid;
        if (cid <= 1000)
          randlastname (c_last[i], cid - 1);
        else
          randlastname (c_last[i], NURand (255, 0, 999, CNUM1));
        c_credit[i][1] = 'C';
        if (lrand48 () % 10)
          c_credit[i][0] = 'G';
        else
          c_credit[i][0] = 'B';
        c_discount[i] = (float)((lrand48 () % 5001) * 0.0001);
        randstr (c_first[i], 8, 16);
        randstr (c_street_1[i], 10, 20);
        randstr (c_street_2[i], 10, 20);
        randstr (c_city[i], 10, 20);
        randstr (str2, 2, 2);
        randnum (num9, 9);
        num9[4] = num9[5] = num9[6] = num9[7] = num9[8] = '1';
        randnum (num16, 16);
        randstr (c_data[i], 300, 500);

        if (gen) {
          printf ("%d %d %d %s OE %s %s %s %s %s %s %s %s %cC
5000000 %6.4f -1000 1000 1 0 %s\n",
                cid, cdid, cwid, c_first[i], c_last[i],
                c_street_1[i], c_street_2[i], c_city[i], str2, num9,
                num16, sdate, c_credit[i][0], c_discount[i], c_data[i]);
        }
        else {
          strncpy (c_state[i], str2, 2);
          strncpy (c_zip[i], num9, 9);
          strncpy (c_phone[i], num16, 16);
        }
      }

      if (gen) {
        fflush (stdout);
      }
      else {
        status = OCIStmtExecute(tpcsvc, curc, errhp, (ub4) i, (ub4) 0,
                (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
                (ub4) OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS);

        if (status != OCI_SUCCESS) {
                        fprintf (stderr, "Aborted at w_id %d, d_id %d, c_id
%d\n",
                c_w_id[0], c_d_id[0], c_id[0]);
            OCIERROR(errhp, status);
                quit ();
                exit (1);
          }
        }

        if ((++loopcount) % 50)
          fprintf (stderr, ".");
        else
          fprintf (stderr, " %ld rows committed\n   ", row);
      }

      end_time = gettime ();
      end_cpu = getcpu ();
      fprintf (stderr, "Done.  %ld rows loaded/generated in %10.2f sec. (%10.2f
cpu)\n\n", nrows < 0 ? 0 : nrows, end_time - begin_time, end_cpu -
begin_cpu);
      if (getenv("tpcc_hash_overflow")) {
        fprintf(stderr,"Hash overflow is disabled\n");
        OCIHandleAlloc(tpcenv, (dvoid **)&curi, OCI_HTYPE_STMT, 0,
(dvoid**)0);
        sprintf ((char *) stmbuf, SQLTXTDIHA);
        OCIStmtPrepare(curi, errhp, stmbuf, strlen((char *)stmbuf),
                OCI_NTV_SYNTAX, OCI_DEFAULT);
        OCIERROR(errhp,OCIStmtExecute(tpcsvc, curi,
errhp,1,0,0,0,OCI_DEFAULT));
        OCIHandleFree(curi, OCI_HTYPE_STMT);
      }
    }


/*-----------------------------------------------------------------+
 | Load the CUSTOMER table (cluster around c_id)                   |
 +-----------------------------------------------------------------*/

    if (do_C) {

      srand (bcid);
#ifndef ORA_NT
      srand48 (bcid);
#endif

      nrows = ((long)ecid - (long)bcid + 1) * ((long)eware - (long)bware +1) *
DISTFAC;

      fprintf (stderr, "Loading/generating customer: c%d - c%d, w%d - w%d
(%ld rows)\n   ", bcid, ecid, bware, eware, nrows);

      if (getenv("tpcc_hash_overflow")) {
        fprintf(stderr,"Hash overflow is enabled\n");
        OCIHandleAlloc(tpcenv, (dvoid **)&curi, OCI_HTYPE_STMT, 0,
(dvoid**)0);
        sprintf ((char *) stmbuf, SQLTXTENHA);
        OCIStmtPrepare(curi, errhp, stmbuf, strlen((char *)stmbuf),
                OCI_NTV_SYNTAX, OCI_DEFAULT);
        OCIERROR(errhp,OCIStmtExecute(tpcsvc, curi,
errhp,1,0,0,0,OCI_DEFAULT));
        OCIHandleFree(curi, OCI_HTYPE_STMT);
        fprintf (stderr,"Customer loaded for horizontal partitioning\n");
      }
      else
      {
        fprintf (stderr,"Customer not loaded for horizontal partitioning\n");
      }
      begin_time = gettime ();
      begin_cpu = getcpu ();

      s_c_id = bcid;
      s_c_d_id = 1;
      s_c_w_id = bware;

      while (s_c_id <= ecid) {
        status = OCIStmtExecute(tpcsvc, curcs, errhp, (ub4) 1, (ub4) 0,
                (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
                (ub4) OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS);
        if (status != OCI_SUCCESS) {
                OCIERROR(errhp, status);
                quit ();
                exit (1);
        }

        if (s_c_count == 0) {
          s_c_id--;
          break;
        }
        else s_c_id++;
      }

      if (s_c_id < bcid ) s_c_id = bcid;
      else {
        if (s_c_id > ecid ) s_c_id = ecid;
        while (s_c_w_id <= eware) {
          status = OCIStmtExecute(tpcsvc, curcs, errhp, (ub4) 1, (ub4) 0,
                (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
                (ub4) OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS);
            if (status != OCI_SUCCESS) {
                        fprintf (stderr, "Select failed\n");
                OCIERROR(errhp, status);
                quit ();
                exit (1);
            }
            if (s_c_count == 0) {
              s_c_w_id--;
              break;
            }
            else s_c_w_id++;
        }
        if (s_c_w_id > eware) s_c_w_id = eware;
        else if (s_c_w_id < bware) s_c_w_id = bware;

        while (s_c_d_id <= DISTFAC) {
          status = OCIStmtExecute(tpcsvc, curcs, errhp, (ub4) 1, (ub4) 0,
                (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
                (ub4) OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS);
            if (status != OCI_SUCCESS) {
                OCIERROR(errhp, status);
                quit ();
```

```
            exit (1);
          }
          if (s_c_count == 0) break;
          else s_c_d_id++;
      }
    }

    if (s_c_d_id > DISTFAC) {
      s_c_d_id=1;
      if (s_c_w_id==eware) {
        s_c_w_id=bware;
        s_c_id++;
      }
      else s_c_w_id++;
    }

    fprintf (stderr, "start at cid: %d, wid: %d, did: %d\n   ",s_c_id, s_c_w_id,
s_c_d_id);
    cid = s_c_id;
    cdid = s_c_d_id-1;
    cwid = s_c_w_id;
    nrows = ((long)ecid - (long)s_c_id + 1) * ((long)eware - (long)bware +
1) * DISTFAC - ((long)s_c_w_id - 1) * DISTFAC - (long)s_c_d_id + 1;
    fprintf (stderr, "remaining rows: %ld\n   ", nrows);
    loopcount = 0;

    for (row = 0; row < nrows; ) {
      for (i = 0; i < CUSTARR && row < nrows; i++, row++) {
        cdid++;
        if (cdid > DISTFAC) {       /* cycle dist id */
          cdid = 1;                 /* cheap mod */
          cwid++;                   /* shift dist cycle */
          if (cwid > eware) {
            cwid = bware;           /* shift ware cycle */
            cid++;
          }
        }
        c_id[i] = cid;
        c_d_id[i] = cdid;
        c_w_id[i] = cwid;
        if (cid <= 1000)
          randlastname (c_last[i], cid - 1);
        else
          randlastname (c_last[i], NURand (255, 0, 999, CNUM1));
        c_credit[i][1] = 'C';
        if (lrand48 () % 10)
          c_credit[i][0] = 'G';
        else
          c_credit[i][0] = 'B';
        c_discount[i] = (float)((lrand48 () % 5001) * 0.0001);
        randstr (c_first[i], 8, 16);
        randstr (c_street_1[i], 10, 20);
        randstr (c_street_2[i], 10, 20);
        randstr (c_city[i], 10, 20);
        randstr (str2, 2, 2);
        randnum (num9, 9);
        num9[4] = num9[5] = num9[6] = num9[7] = num9[8] = '1';
        randnum (num16, 16);
        randstr (c_data[i], 300, 500);

        if (gen) {
          printf ("%d %d %d %s OE %s %s %s %s %s %s %s %cC
5000000 %6.4f -1000 1000 1 0 %s\n",
                cid, cdid, cwid, c_first[i], c_last[i],
                c_street_1[i], c_street_2[i], c_city[i], str2, num9,
                num16, sdate, c_credit[i][0], c_discount[i], c_data[i]);
        }
        else {
          strncpy (c_state[i], str2, 2);
          strncpy (c_zip[i], num9, 9);
          strncpy (c_phone[i], num16, 16);
        }
      }

      if (gen) {
        fflush (stdout);
      }
      else {
        status = OCIStmtExecute(tpcsvc, curc, errhp, (ub4) i, (ub4) 0,
                (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
                (ub4) OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS);

        if (status != OCI_SUCCESS) {
                        fprintf (stderr, "Aborted at w_id %d, d_id %d, c_id
%d\n",
                c_w_id[0], c_d_id[0], c_id[0]);
            OCIERROR(errhp, status);
            quit ();
            exit (1);
        }
      }

      if ((++loopcount) % 50)
        fprintf (stderr, ".");
      else
        fprintf (stderr, " %ld rows committed\n   ", row);
    }

    end_time = gettime ();
    end_cpu = getcpu ();
    fprintf (stderr, "Done.  %ld rows loaded/generated in %10.2f sec. (%10.2f
cpu)\n\n", nrows < 0 ? 0 : nrows, end_time - begin_time, end_cpu -
begin_cpu);
    if (getenv("tpcc_hash_overflow")) {
      fprintf(stderr,"Hash overflow is disabled\n");
      OCIHandleAlloc(tpcenv, (dvoid **)&curi, OCI_HTYPE_STMT, 0,
(dvoid**)0);
      sprintf ((char *) stmbuf, SQLTXTDIHA);
      OCIStmtPrepare(curi, errhp, stmbuf, strlen((char *)stmbuf),
                OCI_NTV_SYNTAX, OCI_DEFAULT);
      OCIERROR(errhp,OCIStmtExecute(tpcsvc, curi,
errhp,1,0,0,0,OCI_DEFAULT));
      OCIHandleFree(curi, OCI_HTYPE_STMT);
    }
  }

/*-----------------------------------------------------------------+
 | Load the ITEM table.
                                                                   |
 +-----------------------------------------------------------------*/

  if (do_A || do_i) {
    nrows = ITEMFAC;

    fprintf (stderr, "Loading/generating item: (%ld rows)\n   ", nrows);

    begin_time = gettime ();
    begin_cpu = getcpu ();

    loopcount = 0;

    for (row = 0; row < nrows; ) {
      for (i = 0; i < ITEMARR; i++, row++) {
        i_im_id[i] = (lrand48 () % 10000) + 1;
        i_price[i] = ((lrand48 () % 9901) + 100);
        randstr (i_name[i], 14, 24);
        randdatastr (i_data[i], 26, 50);

        if (gen) {
          printf ("%d %d %s %d %s\n", row + 1, i_im_id[i], i_name[i],
                i_price[i], i_data[i]);
        }
        else {
          i_id[i] = row + 1;
        }
      }

      if (gen) {
        fflush (stdout);
      }
      else {
        status = OCIStmtExecute(tpcsvc, curi, errhp, (ub4) ITEMARR, (ub4)
0,
                (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
                (ub4) OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS);
        if (status != OCI_SUCCESS) {
                        fprintf (stderr, "Aborted at i_id %d\n", i_id[0]);
            OCIERROR(errhp, status);
            quit ();
            exit (1);
        }
      }

      if ((++loopcount) % 50)
        fprintf (stderr, ".");
      else
        fprintf (stderr, " %ld rows committed\n   ", row);
    }

    end_time = gettime ();
    end_cpu = getcpu ();
    fprintf (stderr, "Done.  %ld rows loaded/generated in %10.2f sec. (%10.2f
cpu)\n\n", nrows, end_time - begin_time, end_cpu - begin_cpu);
```

```
  }


/*-----------------------------------------------------------------+
 | Load the STOCK table.                                           |
 +-----------------------------------------------------------------*/

  if (do_A || do_s) {

    nrows = ((long)eware - (long)bware + 1) * STOCFAC;

    fprintf (stderr, "Loading/generating stock: w%d - w%d (%ld rows)\n   ",
             bware, eware, nrows);

    begin_time = gettime ();
    begin_cpu = getcpu ();

    s_s_i_id = 1;
    s_s_w_id = bware;

    while (s_s_w_id <= eware) {
      status = OCIStmtExecute(tpcsvc, curss, errhp, (ub4) 1, (ub4) 0,
               (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
               (ub4) OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS);
        if (status != OCI_SUCCESS) {
               OCIERROR(errhp, status);
               quit ();
               exit (1);
        }
        if (s_s_count == 0) {
          s_s_w_id--;
          break;
        }
        else s_s_w_id++;
    }

    if (s_s_w_id < bware ) s_s_w_id = bware;
    else {
      if (s_s_w_id > eware) s_s_w_id = eware;
      while (s_s_i_id<=STOCFAC) {
        status = OCIStmtExecute(tpcsvc, curss, errhp, (ub4) 1, (ub4) 0,
                 (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
                 (ub4) OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS);
          if (status != OCI_SUCCESS) {
                 OCIERROR(errhp, status);
                 quit ();
                 exit (1);
          }
          if (s_s_count == 0) {
            break;
          }
          else s_s_i_id++;
      }
    }
    if (s_s_i_id > STOCFAC) {
      s_s_i_id=1;
      s_s_w_id++;
    }

    fprintf(stderr,"start at s_i_id: %d, s_w_id: %d\n   ", s_s_i_id, s_s_w_id);

    sid = s_s_i_id - 1;
    swid = s_s_w_id;
    nrows = ((long)eware - (long)s_s_w_id + 1) * STOCFAC -
( (long)s_s_i_id - 1);
    fprintf (stderr, "remaining rows: %ld\n   ", nrows);
    loopcount = 0;

    for (row = 0; row < nrows; ) {
      /* added row < nrows condition on next line - alex.ni */
            for (i = 0; (i < STOCARR) && (row < nrows); i++, row++) {
        if (++sid > STOCFAC) {        /* cheap mod */
          sid = 1;
          swid++;
        }
        s_quantity[i] = (lrand48 () % 91) + 10;
        randstr (s_dist_01[i], 24, 24);
        randstr (s_dist_02[i], 24, 24);
        randstr (s_dist_03[i], 24, 24);
        randstr (s_dist_04[i], 24, 24);
        randstr (s_dist_05[i], 24, 24);
        randstr (s_dist_06[i], 24, 24);
        randstr (s_dist_07[i], 24, 24);
        randstr (s_dist_08[i], 24, 24);
        randstr (s_dist_09[i], 24, 24);
        randstr (s_dist_10[i], 24, 24);
        randdatastr (s_data[i], 26, 50);

        if (gen) {
          printf ("%d %d %d %s %s %s %s %s %s %s %s %s %s 0 0 0
%s\n",
                  sid, swid, s_quantity[i], s_dist_01[i], s_dist_02[i],
                  s_dist_03[i], s_dist_04[i], s_dist_05[i], s_dist_06[i],
                  s_dist_07[i], s_dist_08[i], s_dist_09[i], s_dist_10[i],
                  s_data[i]);
        }
        else {
          s_i_id[i] = sid;
          s_w_id[i] = swid;
        }
      }

      if (gen) {
        fflush (stdout);
      }
      else {
              /* Changed to STOCKARR to i - alex.ni */
        status = OCIStmtExecute(tpcsvc, curs, errhp, (ub4) i, (ub4) 0,
                 (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
                 (ub4) OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS);
        if (status != OCI_SUCCESS) {
                 fprintf (stderr, "Aborted at w_id %d, s_i_id %d\n",
s_w_id[0], s_i_id[0]);
              OCIERROR(errhp, status);
              quit ();
              exit (1);
        }
      }

      if ((++loopcount) % 50)
        fprintf (stderr, ".");
      else
        fprintf (stderr, " %ld rows committed\n   ", row);
    }

    end_time = gettime ();
    end_cpu = getcpu ();
    fprintf (stderr, "Done.  %ld rows loaded/generated in %10.2f sec. (%10.2f
cpu)\n\n", nrows < 0 ? 0 : nrows, end_time - begin_time, end_cpu -
begin_cpu);
  }

/*-----------------------------------------------------------------+
 | Load the STOCK table (cluster around s_i_id).                   |
 +-----------------------------------------------------------------*/

  if (do_S) {

    nrows = ((long)eitem - (long)bitem + 1) * ((long)eware - (long)bware +
1);

    fprintf (stderr, "Loading/generating stock: i%d - i%d, w%d - w%d (%ld
rows)\n   ", bitem, eitem, bware, eware, nrows);

    begin_time = gettime ();
    begin_cpu = getcpu ();

    s_s_i_id = bitem;
    s_s_w_id = bware;

    while (s_s_i_id <= eitem) {
      status = OCIStmtExecute(tpcsvc, curss, errhp, (ub4) 1, (ub4) 0,
               (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
               (ub4) OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS);
        if (status != OCI_SUCCESS) {
               OCIERROR(errhp, status);
               quit ();
               exit (1);
        }
        if (s_s_count == 0) {
          s_s_i_id--;
          break;
        }
        else s_s_i_id++;
    }

    if (s_s_i_id < bitem ) s_s_i_id = bitem;
    else {
      if (s_s_i_id > eitem) s_s_i_id = eitem;
      while (s_s_w_id <= eware) {
        status = OCIStmtExecute(tpcsvc, curss, errhp, (ub4) 1, (ub4) 0,
                 (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
                 (ub4) OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS);
```

```
        if (status != OCI_SUCCESS) {
            OCIERROR(errhp, status);
            quit ();
            exit (1);
        }
        if (s_s_count == 0) {
          break;
        }
        else s_s_w_id++;
    }
  }
  if (s_s_w_id > eware) {
    s_s_w_id=bware;
    s_s_i_id++;
  }

  fprintf(stderr,"start at s_i_id: %d, s_w_id: %d\n   ", s_s_i_id, s_s_w_id);

  sid = s_s_i_id;
  swid = s_s_w_id - 1;
  nrows = ((long)eitem - (long)s_s_i_id + 1) * ((long)eware - (long)bware
+ 1) - ((long)s_s_w_id - (long)bware);
  fprintf (stderr, "remaining rows: %ld\n   ", nrows);
  loopcount = 0;

  for (row = 0; row < nrows; ) {
    for (i = 0; i < STOCARR && row < nrows; i++, row++) {
      if (++swid > eware) {        /* cheap mod */
        swid = bware;
        sid++;
      }
      s_quantity[i] = (lrand48 () % 91) + 10;
      randstr (s_dist_01[i], 24, 24);
      randstr (s_dist_02[i], 24, 24);
      randstr (s_dist_03[i], 24, 24);
      randstr (s_dist_04[i], 24, 24);
      randstr (s_dist_05[i], 24, 24);
      randstr (s_dist_06[i], 24, 24);
      randstr (s_dist_07[i], 24, 24);
      randstr (s_dist_08[i], 24, 24);
      randstr (s_dist_09[i], 24, 24);
      randstr (s_dist_10[i], 24, 24);
      randdatastr (s_data[i], 26, 50);

      if (gen) {
        printf ("%d %d %d %s %s %s %s %s %s %s %s %s 0 0 0
%s\n",
            sid, swid, s_quantity[i], s_dist_01[i], s_dist_02[i],
            s_dist_03[i], s_dist_04[i], s_dist_05[i], s_dist_06[i],
            s_dist_07[i], s_dist_08[i], s_dist_09[i], s_dist_10[i],
            s_data[i]);
      }
      else {
        s_i_id[i] = sid;
        s_w_id[i] = swid;
      }
    }
    if (gen) {
      fflush (stdout);
    }
    else {
      status = OCIStmtExecute(tpcsvc, curs, errhp, (ub4) i, (ub4) 0,
            (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
            (ub4) OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS);
      if (status != OCI_SUCCESS) {
          fprintf (stderr, "Aborted at w_id %d, s_i_id %d\n", s_w_id[0],
s_i_id[0]);
          OCIERROR(errhp, status);
          quit ();
          exit (1);
      }
    }

    if ((++loopcount) % 50)
      fprintf (stderr, ".");
    else
      fprintf (stderr, " %ld rows committed\n   ", row);
  }

  end_time = gettime ();
  end_cpu = getcpu ();
  fprintf (stderr, "Done.  %ld rows loaded/generated in %10.2f sec. (%10.2f
cpu)\n\n", nrows < 0 ? 0 : nrows, end_time - begin_time, end_cpu -
begin_cpu);
 }

/*-----------------------------------------------------------------+
 | Load the HISTORY table.
            |
 +-----------------------------------------------------------------*/

 if (do_A || do_h) {
   nrows = ((long)eware - (long)bware + 1) * HISTFAC;

   fprintf (stderr, "Loading/generating history: w%d - w%d (%ld rows)\n   ",
         bware, eware, nrows);

   begin_time = gettime ();
   begin_cpu = getcpu ();

   cid = 0;
   cdid = 1;
   cwid = bware;
   loopcount = 0;

   for (row = 0; row < nrows; ) {
     for (i = 0; i < HISTARR; i++, row++) {
       cid++;
       if (cid > CUSTFAC) {       /* cycle cust id */
         cid = 1;              /* cheap mod */
         cdid++;               /* shift district cycle */
         if (cdid > DISTFAC) {
           cdid = 1;
           cwid++;             /* shift warehouse cycle */
         }
       }
       h_c_id[i] = cid;
       h_d_id[i] = cdid;
       h_w_id[i] = cwid;
       randstr (h_data[i], 12, 24);
       if (gen) {
         printf ("%d %d %d %d %d %s 1000 %s\n", cid, cdid, cwid, cdid,
               cwid, sdate, h_data[i]);
       }
     }

     if (gen) {
       fflush (stdout);
     }
     else {
       status = OCIStmtExecute(tpcsvc, curh, errhp, (ub4) HISTARR, (ub4)
0,
             (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
             (ub4) OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS);
       if (status != OCI_SUCCESS) {
                 fprintf (stderr, "Aborted at w_id %d, d_id %d, c_id
%d\n",
             h_w_id[0], h_d_id[0], h_c_id[0]);
           OCIERROR(errhp, status);
           quit ();
           exit (1);
       }
     }

     if ((++loopcount) % 50)
       fprintf (stderr, ".");
     else
       fprintf (stderr, " %ld rows committed\n   ", row);
   }

   end_time = gettime ();
   end_cpu = getcpu ();
   fprintf (stderr, "Done.  %ld rows loaded/generated in %10.2f sec. (%10.2f
cpu)\n\n", nrows, end_time - begin_time, end_cpu - begin_cpu);
 }

/*-----------------------------------------------------------------+
 | Load the ORDERS and ORDER-LINE table.
            |
 +-----------------------------------------------------------------*/

 if (do_A || do_o) {

   int batch_olcnt;

   nrows = ((long)eware - (long)bware + 1) * ORDEFAC * DISTFAC;

   fprintf (stderr, "Loading/generating orders and order-line: w%d - w%d
(%ld ord, ~%ld ordl)\n   ", bware, eware, nrows, nrows * 10);

   begin_time = gettime ();
   begin_cpu = getcpu ();
```

```
  cid = 0;
  cdid = 1;
  cwid = bware;
  loopcount = 0;

  for (row = 0; row < nrows; ) {

    batch_olcnt = 0;

    for (i = 0; i < ORDEARR; i++, row++) {
      cid++;
      if (cid > ORDEFAC) {       /* cycle cust id */
        cid = 1;                 /* cheap mod */
        cdid++;                  /* shift district cycle */
        if (cdid > DISTFAC) {
          cdid = 1;
          cwid++;                /* shift warehouse cycle */
        }
      }
      o_carrier_id[i] = lrand48 () % 10 + 1;
      o_ol_cnt[i] = olcnt = lrand48 () % 11 + 5;

      if (gen) {
        if (cid < 2101) {
          printf ("%d %d %d %d %s %d %d 1\n", cid, cdid, cwid,
                  randperm3000[cid - 1], sdate,o_carrier_id[i],
                  o_ol_cnt[i]);
        }
        else {
                  /* set carrierid to 11 instead of null */
          printf ("%d %d %d %d %s 11 %d 1\n", cid, cdid, cwid,
                  randperm3000[cid - 1], sdate, o_ol_cnt[i]);
        }
      }
      else {
        o_id[i] = cid;
        o_d_id[i] = cdid;
        o_w_id[i] = cwid;
        o_c_id[i] = randperm3000[cid - 1];
        if (cid >= 2101 ) {
          o_carrier_id[i] = 11;
        }
      }

      for (j = 0; j < o_ol_cnt[i]; j++, batch_olcnt++ ) {
        ol_i_id[batch_olcnt] = sid = lrand48 () % 100000 + 1;
        if (cid < 2101)
          ol_amount[batch_olcnt] = 0;
        else
          ol_amount[batch_olcnt] = (lrand48 () % 999999 + 1) ;
        randstr (str24[j], 24, 24);

        if (gen) {
          if (cid < 2101) {
            fprintf (olfp, "%d %d %d %d %s %d %d 5 %ld %s\n", cid,
                    cdid, cwid, j + 1, sdate, ol_i_id[batch_olcnt], cwid,
                    ol_amount[batch_olcnt], str24[j]);
          }
          else {
            /* Insert a default date instead of null date */
            fprintf (olfp, "%d %d %d %d 01-Jan-1811 %d %d 5 %ld %s\n",
cid,
                    cdid, cwid, j + 1, ol_i_id[batch_olcnt], cwid,
                    ol_amount[batch_olcnt], str24[j]);
          }
        }
        else {
          ol_o_id[batch_olcnt] = cid;
          ol_d_id[batch_olcnt] = cdid;
          ol_w_id[batch_olcnt] = cwid;
          ol_number[batch_olcnt] = j + 1;
          ol_supply_w_id[batch_olcnt] = cwid;
          strncpy (ol_dist_info[batch_olcnt], str24[j], 24);
        }
      }
      if (gen) {
        fflush (olfp);
      }
    }

    o_cnt =  ORDEARR;
    ol_cnt =  batch_olcnt;

    for (j = 0; j < batch_olcnt; j++) {
      ol_o_id_len[j] = sizeof(int);
      ol_d_id_len[j] = sizeof(int);
      ol_w_id_len[j] = sizeof(int);
      ol_number_len[j] = sizeof(int);
      ol_i_id_len[j] = sizeof(int);
      ol_supply_w_id_len[j] = sizeof(int);
      ol_dist_info_len[j] = 24;
      ol_amount_len[j] = sizeof(int);
    }
    for (j = batch_olcnt; j < 15*ORDEARR; j++) {
      ol_o_id_len[j] = 0;
      ol_d_id_len[j] = 0;
      ol_w_id_len[j] = 0;
      ol_number_len[j] = 0;
      ol_i_id_len[j] = 0;
      ol_supply_w_id_len[j] = 0;
      ol_dist_info_len[j] = 0;
      ol_amount_len[j] = 0;
    }

    o_id_clen = ORDEARR;
    o_d_id_clen = ORDEARR;
    o_w_id_clen = ORDEARR;
    o_c_id_clen = ORDEARR;
    o_carrier_id_clen = ORDEARR;
    o_ol_cnt_clen = ORDEARR;

    ol_o_id_clen = batch_olcnt;
    ol_d_id_clen = batch_olcnt;
    ol_w_id_clen = batch_olcnt;
    ol_number_clen = batch_olcnt;
    ol_i_id_clen = batch_olcnt;
    ol_supply_w_id_clen = batch_olcnt;
    ol_dist_info_clen = batch_olcnt;
    ol_amount_clen = batch_olcnt;

    OCIERROR(errhp, OCIStmtExecute(tpcsvc, curo1, errhp, (ub4) 1,
(ub4) 0,
                (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
                (ub4) OCI_DEFAULT | OCI_COMMIT_ON_SUCCESS ));

    if ((++loopcount) % 50) {
        fprintf (stderr, ".");
    } else {
        fprintf (stderr, " %ld orders committed\n   ", row);
    }
  }

  end_time = gettime ();
  end_cpu = getcpu ();
  fprintf (stderr, "Done.  %ld orders loaded/generated in %10.2f sec.
(%10.2f cpu)\n\n", nrows, end_time - begin_time, end_cpu - begin_cpu);
}

/*-----------------------------------------------------------------+
 | Load the NEW-ORDER table.
                |
 +-----------------------------------------------------------------*/

  if (do_A || do_n) {
    nrows = ((long)eware - (long)bware + 1) * NEWOFAC * DISTFAC;

    fprintf (stderr, "Loading/generating new-order: w%d - w%d (%ld rows)\n
", bware, eware, nrows);

    begin_time = gettime ();
    begin_cpu = getcpu ();

    cid = 0;
    cdid = 1;
    cwid = bware;
    loopcount = 0;

    for (row = 0; row < nrows; ) {
      for (i = 0; i < NEWOARR; i++, row++) {
        cid++;
        if (cid > NEWOFAC) {
          cid = 1;
          cdid++;
          if (cdid > DISTFAC) {
            cdid = 1;
            cwid++;
          }
        }

        if (gen) {
          printf ("%d %d %d\n", cid + 2100, cdid, cwid);
        }
        else {
          no_o_id[i] = cid + 2100;
```

```
            no_d_id[i] = cdid;
            no_w_id[i] = cwid;
          }
        }

        if (gen) {
          fflush (stdout);
        }
        else {
          status = OCIStmtExecute(tpcsvc, curno, errhp, (ub4) NEWOARR,
(ub4) 0,
                          (CONST OCISnapshot*) 0, (OCISnapshot*) 0,
                          (ub4) OCI_DEFAULT |
OCI_COMMIT_ON_SUCCESS);
          if (status != OCI_SUCCESS) {
                          fprintf (stderr, "Aborted at w_id %d, d_id %d, o_id
%d\n", cwid, cdid, cid + 2100);
            OCIERROR(errhp, status);
            quit ();
            exit (1);
          }
        }

        if ((++loopcount) % 45)
          fprintf (stderr, ".");
        else
          fprintf (stderr, " %ld rows committed\n   ", row);
      }

      end_time = gettime ();
      end_cpu = getcpu ();
      fprintf (stderr, "Done.  %ld rows loaded/generated in %10.2f sec. (%10.2f
cpu)\n\n", nrows, end_time - begin_time, end_cpu - begin_cpu);
    }

/*-----------------------------------------------------------------+
 | clean up and exit.
                |
 +-----------------------------------------------------------------*/

    if (olfp)
      fclose (olfp);
    if (!gen)
      quit ();
    exit (0);

}

void initperm ()
{
    int i;
    int pos;
    int temp;

    /* init randperm3000 */

    for (i = 0; i < 3000; i++)
      randperm3000[i] = i + 1;
    for (i = 3000; i > 0; i--) {
      pos = lrand48 () % i;
      temp = randperm3000[i - 1];
      randperm3000[i - 1] = randperm3000[pos];
      randperm3000[pos] = temp;
    }
}

void randstr (str, x, y)
char *str;
int x;
int y;
{
    int i, j;
    int len;

    len = (lrand48 () % (y - x + 1)) + x;
    for (i = 0; i < len; i++) {
      j = lrand48 () % 62;
      if (j < 26)
        str[i] = (char) (j + 'a');
      else if (j < 52)
        str[i] = (char) (j - 26 + 'A');
      else
        str[i] = (char) (j - 52 + '0');
    }
    str[len] = '\0';

}

void randdatastr (str, x, y)
char *str;
int x;
int y;
{
    int i, j;
    int len;
    int pos;

    len = (lrand48 () % (y - x + 1)) + x;
    for (i = 0; i < len; i++) {
      j = lrand48 () % 62;
      if (j < 26)
        str[i] = (char) (j + 'a');
      else if (j < 52)
        str[i] = (char) (j - 26 + 'A');
      else
        str[i] = (char) (j - 52 + '0');
    }
    str[len] = '\0';
    if ((lrand48 () % 10) == 0) {
      pos = (lrand48 () % (len - 8));
      str[pos] = 'O';
      str[pos + 1] = 'R';
      str[pos + 2] = 'I';
      str[pos + 3] = 'G';
      str[pos + 4] = 'I';
      str[pos + 5] = 'N';
      str[pos + 6] = 'A';
      str[pos + 7] = 'L';
    }
}

void randnum (str, len)
char *str;
int len;
{
    int i;

    for (i = 0; i < len; i++)
      str[i] = (char) (lrand48 () % 10 + '0');
    str[len] = '\0';

}

void randlastname (str, id)
char *str;
int id;
{
    id = id % 1000;
    strcpy (str, lastname[id / 100]);
    strcat (str, lastname[(id / 10) % 10]);
    strcat (str, lastname[id % 10]);
}

int NURand (A, x, y, cnum)
int A, x, y, cnum;
{
    int a, b;

    a = lrand48 () % (A + 1);
    b = (lrand48 () % (y - x + 1)) + x;
    return ((((a | b) + cnum) % (y - x + 1)) + x);

}

void sysdate (sdate)
char *sdate;
{
    time_t tp;
    struct tm *tmptr;

    time (&tp);
    tmptr = localtime (&tp);
    strftime (sdate, 29, "%d-%b-%Y", tmptr);
}

int ocierror(fname, lineno, errhp, status)
char *fname;
int lineno;
OCIError *errhp;
sword status;
{
    text errbuf[512];
    sb4 errcode;
    sb4 lstat;
```

```
  ub4 recno=2;

  switch (status) {
  case OCI_SUCCESS:
    break;
  case OCI_SUCCESS_WITH_INFO:
    fprintf(stderr,"Module %s Line %d\n", fname, lineno);
    fprintf(stderr,"Error - OCI_SUCCESS_WITH_INFO\n");
    lstat = OCIErrorGet (errhp, recno++, (text *) NULL, &errcode, errbuf,
                    (ub4) sizeof(errbuf), OCI_HTYPE_ERROR);
    fprintf(stderr,"Error - %s\n", errbuf);
    break;
  case OCI_NEED_DATA:
    fprintf(stderr,"Module %s Line %d\n", fname, lineno);
    fprintf(stderr,"Error - OCI_NEED_DATA\n");
    return (IRRECERR);
  case OCI_NO_DATA:
    fprintf(stderr,"Module %s Line %d\n", fname, lineno);
    fprintf(stderr,"Error - OCI_NO_DATA\n");
    return (IRRECERR);
  case OCI_ERROR:
    lstat = OCIErrorGet (errhp, (ub4) 1,
                        (text *) NULL, &errcode, errbuf,
                                (ub4) sizeof(errbuf),
OCI_HTYPE_ERROR);
    if (errcode == NOT_SERIALIZABLE) return (errcode);
    if (errcode == SNAPSHOT_TOO_OLD) return (errcode);
    while (lstat != OCI_NO_DATA)
    {
      fprintf(stderr,"Module %s Line %d\n", fname, lineno);
      fprintf(stderr,"Error - %s\n", errbuf);
      lstat = OCIErrorGet (errhp, recno++, (text *) NULL, &errcode, errbuf,
                    (ub4) sizeof(errbuf), OCI_HTYPE_ERROR);
    }
    return (errcode);
  case OCI_INVALID_HANDLE:
    fprintf(stderr,"Module %s Line %d\n", fname, lineno);
    fprintf(stderr,"Error - OCI_INVALID_HANDLE\n");
    exit(-1);
  case OCI_STILL_EXECUTING:
    fprintf(stderr,"Module %s Line %d\n", fname, lineno);
    fprintf(stderr,"Error - OCI_STILL_EXECUTE\n");
    return (IRRECERR);
  case OCI_CONTINUE:
    fprintf(stderr,"Module %s Line %d\n", fname, lineno);
    fprintf(stderr,"Error - OCI_CONTINUE\n");
    return (IRRECERR);
  default:
    fprintf(stderr,"Module %s Line %d\n", fname, lineno);
    fprintf(stderr,"Status - %s\n", status);
    return (IRRECERR);
  }
  return (RECOVERR);
}
```

createts.sh

```
#created automatically by
/export/home/oracle/tpcckit.linux/scripts/buildcreatets.sh Thu Sep 8 11:27:22
PDT 2011

# Tablespace ware, ts size 1600M (1638400K)
# each file 1600M (1638400K)
# extents 1627424K (1627424K)
# 1 files

$tpcc_createts ware 1 1       1600M 81371K unix 0       0 80 auto t
   if expr $? != 0 > /dev/null; then
     echo Creating tablespace for ware failed.  Exiting.
     exit 0
   fi

# Tablespace cust, ts size 8887200M (9100492800K)
# each file 15870M (16250880K)
# extents 2030416K (2030416K)
# 560 files

$tpcc_createts cust 560 1       15870M 1015208K unix 0       1 80 auto t
   if expr $? != 0 > /dev/null; then
     echo Creating tablespace for cust failed.  Exiting.
     exit 0
   fi

# Tablespace dist, ts size 15890M (16271360K)
# each file 15890M (16271360K)
# extents 4067024K (4067024K)
# 1 files

$tpcc_createts dist 1 1       15890M 101675K unix 0       561 80 auto t
   if expr $? != 0 > /dev/null; then
     echo Creating tablespace for dist failed.  Exiting.
     exit 0
   fi

# Tablespace hist, ts size 959200M (982220800K)
# each file 11990M (12277760K)
# extents 103088K (103088K)
# 80 files

$tpcc_createts hist 80 8       11990M 103088K unix 0       562 80 auto t
   if expr $? != 0 > /dev/null; then
     echo Creating tablespace for hist failed.  Exiting.
     exit 0
   fi

# Tablespace stok, ts size 11354400M (11626905600K)
# each file 15770M (16148480K)
# extents 2690180K (2690180K)
# 720 files

$tpcc_createts stok 720 1       15770M 672545K unix 0       642 80 auto t
   if expr $? != 0 > /dev/null; then
     echo Creating tablespace for stok failed.  Exiting.
     exit 0
   fi

# Tablespace item, ts size 20M (20480K)
# each file 20M (20480K)
# extents 16892K (16892K)
# 1 files

$tpcc_createts item 1 1       20M 16892K unix 0       1362 80 auto t
   if expr $? != 0 > /dev/null; then
     echo Creating tablespace for item failed.  Exiting.
     exit 0
   fi

# Tablespace ordr, ts size 12956000M (13266944000K)
# each file 64780M (66334720K)
# extents 103312K (103312K)
# 200 files

$tpcc_createts ordr 200 1       64780M 103312K unix 0       1363 80 16K t
   if expr $? != 0 > /dev/null; then
     echo Creating tablespace for ordr failed.  Exiting.
     exit 0
   fi

# Tablespace nord, ts size 127200M (130252800K)
# each file 3180M (3256320K)
# extents 324644K (324644K)
# 40 files

$tpcc_createts nord 40 1       3180M 108214K unix 0       1563 80 auto t
   if expr $? != 0 > /dev/null; then
     echo Creating tablespace for nord failed.  Exiting.
     exit 0
   fi

# Tablespace iware, ts size 470M (481280K)
# each file 470M (481280K)
# extents 476024K (476024K)
# 1 files

$tpcc_createts iware 1 1       470M 10M unix 0       1603 80 auto t
   if expr $? != 0 > /dev/null; then
     echo Creating tablespace for iware failed.  Exiting.
     exit 0
   fi

# Tablespace icust1, ts size 293200M (300236800K)
# each file 7330M (7505920K)
# extents 11712K (11712K)
# 40 files

$tpcc_createts icust1 40 1       7330M 102400K unix 0       1604 80 16K t
   if expr $? != 0 > /dev/null; then
     echo Creating tablespace for icust1 failed.  Exiting.
     exit 0
   fi

# Tablespace icust2, ts size 609200M (623820800K)
```

```
# each file 15230M (15595520K)
# extents 24352K (24352K)
# 40 files

$tpcc_createts icust2 40 1       15230M 102400K unix 0       1644 80 16K t
   if expr $? != 0 > /dev/null; then
     echo Creating tablespace for icust2 failed.  Exiting.
     exit 0
   fi

# Tablespace idist, ts size 1860M (1904640K)
# each file 1860M (1904640K)
# extents 1901024K (1901024K)
# 1 files

$tpcc_createts idist 1 1       1860M 10240K unix 0       1684 80 auto t
   if expr $? != 0 > /dev/null; then
     echo Creating tablespace for idist failed.  Exiting.
     exit 0
   fi

# Tablespace istok, ts size 818000M (837632000K)
# each file 20450M (20940800K)
# extents 32704K (32704K)
# 40 files

$tpcc_createts istok 40 1       20450M 32704K unix 0       1685 80 16K t
   if expr $? != 0 > /dev/null; then
     echo Creating tablespace for istok failed.  Exiting.
     exit 0
   fi

# Tablespace iitem, ts size 20M (20480K)
# each file 20M (20480K)
# extents 11264K (11264K)
# 1 files

$tpcc_createts iitem 1 1       20M 2048K unix 0       1725 80 auto t
   if expr $? != 0 > /dev/null; then
     echo Creating tablespace for iitem failed.  Exiting.
     exit 0
   fi

# Tablespace iordr2, ts size 624800M (639795200K)
# each file 7810M (7997440K)
# extents 12480K (12480K)
# 80 files

$tpcc_createts iordr2 80 16       7810M 102400K unix 0       1726 80 16K t
   if expr $? != 0 > /dev/null; then
     echo Creating tablespace for iordr2 failed.  Exiting.
     exit 0
   fi

# Tablespace temp, ts size 1990400M (2038169600K)
# each file 12440M (12738560K)
# extents 205328K (205328K)
# 160 files

$tpcc_createts temp 160 1       12440M 205328K unix 1       1806 80 auto t
   if expr $? != 0 > /dev/null; then
     echo Creating tablespace for temp failed.  Exiting.
     exit 0
   fi
```

loadcust.sh

```
#created automatically by
/export/home/oracle/tpcckit.linux/scripts/evenload.sh Thu Sep 8 11:27:42
PDT 2011
rm -f loadcust*.log
cd $tpcc_bench
allprocs=
$tpcc_load -M 380000 -C  -l 1 -m 18 >> loadcust0.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 19 -m 36 >> loadcust1.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 37 -m 54 >> loadcust2.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 55 -m 72 >> loadcust3.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 73 -m 90 >> loadcust4.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 91 -m 108 >> loadcust5.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 109 -m 126 >> loadcust6.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 127 -m 144 >> loadcust7.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 145 -m 162 >> loadcust8.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 163 -m 180 >> loadcust9.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 181 -m 198 >> loadcust10.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 199 -m 216 >> loadcust11.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 217 -m 234 >> loadcust12.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 235 -m 252 >> loadcust13.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 253 -m 270 >> loadcust14.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 271 -m 288 >> loadcust15.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 289 -m 306 >> loadcust16.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 307 -m 324 >> loadcust17.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 325 -m 342 >> loadcust18.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 343 -m 360 >> loadcust19.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 361 -m 378 >> loadcust20.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 379 -m 396 >> loadcust21.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 397 -m 414 >> loadcust22.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 415 -m 432 >> loadcust23.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 433 -m 450 >> loadcust24.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 451 -m 468 >> loadcust25.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 469 -m 486 >> loadcust26.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 487 -m 504 >> loadcust27.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 505 -m 522 >> loadcust28.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 523 -m 540 >> loadcust29.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 541 -m 558 >> loadcust30.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 559 -m 576 >> loadcust31.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 577 -m 594 >> loadcust32.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 595 -m 612 >> loadcust33.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 613 -m 630 >> loadcust34.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 631 -m 648 >> loadcust35.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 649 -m 666 >> loadcust36.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 667 -m 684 >> loadcust37.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 685 -m 702 >> loadcust38.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 703 -m 720 >> loadcust39.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 721 -m 739 >> loadcust40.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 740 -m 758 >> loadcust41.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 759 -m 777 >> loadcust42.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 778 -m 796 >> loadcust43.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 797 -m 815 >> loadcust44.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 816 -m 834 >> loadcust45.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 835 -m 853 >> loadcust46.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 854 -m 872 >> loadcust47.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 873 -m 891 >> loadcust48.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 892 -m 910 >> loadcust49.log 2>&1 &
allprocs="$allprocs ${!}"
```

```
$tpcc_load -M 380000 -C  -l 911 -m 929 >> loadcust50.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 930 -m 948 >> loadcust51.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 949 -m 967 >> loadcust52.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 968 -m 986 >> loadcust53.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 987 -m 1005 >> loadcust54.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1006 -m 1024 >> loadcust55.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1025 -m 1043 >> loadcust56.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1044 -m 1062 >> loadcust57.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1063 -m 1081 >> loadcust58.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1082 -m 1100 >> loadcust59.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1101 -m 1119 >> loadcust60.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1120 -m 1138 >> loadcust61.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1139 -m 1157 >> loadcust62.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1158 -m 1176 >> loadcust63.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1177 -m 1195 >> loadcust64.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1196 -m 1214 >> loadcust65.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1215 -m 1233 >> loadcust66.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1234 -m 1252 >> loadcust67.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1253 -m 1271 >> loadcust68.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1272 -m 1290 >> loadcust69.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1291 -m 1309 >> loadcust70.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1310 -m 1328 >> loadcust71.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1329 -m 1347 >> loadcust72.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1348 -m 1366 >> loadcust73.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1367 -m 1385 >> loadcust74.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1386 -m 1404 >> loadcust75.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1405 -m 1423 >> loadcust76.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1424 -m 1442 >> loadcust77.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1443 -m 1461 >> loadcust78.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1462 -m 1480 >> loadcust79.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1481 -m 1499 >> loadcust80.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1500 -m 1518 >> loadcust81.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1519 -m 1537 >> loadcust82.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1538 -m 1556 >> loadcust83.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1557 -m 1575 >> loadcust84.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1576 -m 1594 >> loadcust85.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1595 -m 1613 >> loadcust86.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1614 -m 1632 >> loadcust87.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1633 -m 1651 >> loadcust88.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1652 -m 1670 >> loadcust89.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1671 -m 1689 >> loadcust90.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1690 -m 1708 >> loadcust91.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1709 -m 1727 >> loadcust92.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1728 -m 1746 >> loadcust93.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1747 -m 1765 >> loadcust94.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1766 -m 1784 >> loadcust95.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1785 -m 1803 >> loadcust96.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1804 -m 1822 >> loadcust97.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1823 -m 1841 >> loadcust98.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1842 -m 1860 >> loadcust99.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1861 -m 1879 >> loadcust100.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1880 -m 1898 >> loadcust101.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1899 -m 1917 >> loadcust102.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1918 -m 1936 >> loadcust103.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1937 -m 1955 >> loadcust104.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1956 -m 1974 >> loadcust105.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1975 -m 1993 >> loadcust106.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 1994 -m 2012 >> loadcust107.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2013 -m 2031 >> loadcust108.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2032 -m 2050 >> loadcust109.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2051 -m 2069 >> loadcust110.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2070 -m 2088 >> loadcust111.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2089 -m 2107 >> loadcust112.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2108 -m 2126 >> loadcust113.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2127 -m 2145 >> loadcust114.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2146 -m 2164 >> loadcust115.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2165 -m 2183 >> loadcust116.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2184 -m 2202 >> loadcust117.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2203 -m 2221 >> loadcust118.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2222 -m 2240 >> loadcust119.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2241 -m 2259 >> loadcust120.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2260 -m 2278 >> loadcust121.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2279 -m 2297 >> loadcust122.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2298 -m 2316 >> loadcust123.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2317 -m 2335 >> loadcust124.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2336 -m 2354 >> loadcust125.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2355 -m 2373 >> loadcust126.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2374 -m 2392 >> loadcust127.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2393 -m 2411 >> loadcust128.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2412 -m 2430 >> loadcust129.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2431 -m 2449 >> loadcust130.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2450 -m 2468 >> loadcust131.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2469 -m 2487 >> loadcust132.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2488 -m 2506 >> loadcust133.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2507 -m 2525 >> loadcust134.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2526 -m 2544 >> loadcust135.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2545 -m 2563 >> loadcust136.log 2>&1 &
allprocs="$allprocs ${!}"
```

```
$tpcc_load -M 380000 -C  -l 2564 -m 2582 >> loadcust137.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2583 -m 2601 >> loadcust138.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2602 -m 2620 >> loadcust139.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2621 -m 2639 >> loadcust140.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2640 -m 2658 >> loadcust141.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2659 -m 2677 >> loadcust142.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2678 -m 2696 >> loadcust143.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2697 -m 2715 >> loadcust144.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2716 -m 2734 >> loadcust145.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2735 -m 2753 >> loadcust146.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2754 -m 2772 >> loadcust147.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2773 -m 2791 >> loadcust148.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2792 -m 2810 >> loadcust149.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2811 -m 2829 >> loadcust150.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2830 -m 2848 >> loadcust151.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2849 -m 2867 >> loadcust152.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2868 -m 2886 >> loadcust153.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2887 -m 2905 >> loadcust154.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2906 -m 2924 >> loadcust155.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2925 -m 2943 >> loadcust156.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2944 -m 2962 >> loadcust157.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2963 -m 2981 >> loadcust158.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -C  -l 2982 -m 3000 >> loadcust159.log 2>&1 &
allprocs="$allprocs ${!}"
error=0
for curproc in $allprocs; do
  wait $curproc
  error=`expr $? + $error`
done
exit `expr $error != 0`
```

loaddist.sh

```
cd $tpcc_bench
$tpcc_load -M $tpcc_scale -d > loaddist.log 2>&1
```

loadhist.sh

```
#created automatically by
/export/home/oracle/tpcckit.linux/scripts/evenload.sh Thu Sep 8 11:27:37
PDT 2011
rm -f loadhist*.log
cd $tpcc_bench
allprocs=
$tpcc_load -M 380000 -h  -b 1 -e 5937 >> loadhist0.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 5938 -e 11874 >> loadhist1.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 11875 -e 17811 >> loadhist2.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 17812 -e 23748 >> loadhist3.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 23749 -e 29685 >> loadhist4.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 29686 -e 35622 >> loadhist5.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 35623 -e 41559 >> loadhist6.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 41560 -e 47496 >> loadhist7.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 47497 -e 53433 >> loadhist8.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 53434 -e 59370 >> loadhist9.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 59371 -e 65307 >> loadhist10.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 65308 -e 71244 >> loadhist11.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 71245 -e 77181 >> loadhist12.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 77182 -e 83118 >> loadhist13.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 83119 -e 89055 >> loadhist14.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 89056 -e 94992 >> loadhist15.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 94993 -e 100929 >> loadhist16.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 100930 -e 106866 >> loadhist17.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 106867 -e 112803 >> loadhist18.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 112804 -e 118740 >> loadhist19.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 118741 -e 124677 >> loadhist20.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 124678 -e 130614 >> loadhist21.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 130615 -e 136551 >> loadhist22.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 136552 -e 142488 >> loadhist23.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 142489 -e 148425 >> loadhist24.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 148426 -e 154362 >> loadhist25.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 154363 -e 160299 >> loadhist26.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 160300 -e 166236 >> loadhist27.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 166237 -e 172173 >> loadhist28.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 172174 -e 178110 >> loadhist29.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 178111 -e 184047 >> loadhist30.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 184048 -e 189984 >> loadhist31.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 189985 -e 195922 >> loadhist32.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 195923 -e 201860 >> loadhist33.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 201861 -e 207798 >> loadhist34.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 207799 -e 213736 >> loadhist35.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 213737 -e 219674 >> loadhist36.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 219675 -e 225612 >> loadhist37.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 225613 -e 231550 >> loadhist38.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 231551 -e 237488 >> loadhist39.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 237489 -e 243426 >> loadhist40.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 243427 -e 249364 >> loadhist41.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 249365 -e 255302 >> loadhist42.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 255303 -e 261240 >> loadhist43.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 261241 -e 267178 >> loadhist44.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 267179 -e 273116 >> loadhist45.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 273117 -e 279054 >> loadhist46.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 279055 -e 284992 >> loadhist47.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 284993 -e 290930 >> loadhist48.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 290931 -e 296868 >> loadhist49.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 296869 -e 302806 >> loadhist50.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 302807 -e 308744 >> loadhist51.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 308745 -e 314682 >> loadhist52.log 2>&1 &
allprocs="$allprocs ${!}"
```

```
$tpcc_load -M 380000 -h  -b 314683 -e 320620 >> loadhist53.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 320621 -e 326558 >> loadhist54.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 326559 -e 332496 >> loadhist55.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 332497 -e 338434 >> loadhist56.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 338435 -e 344372 >> loadhist57.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 344373 -e 350310 >> loadhist58.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 350311 -e 356248 >> loadhist59.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 356249 -e 362186 >> loadhist60.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 362187 -e 368124 >> loadhist61.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 368125 -e 374062 >> loadhist62.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -h  -b 374063 -e 380000 >> loadhist63.log 2>&1 &
allprocs="$allprocs ${!}"
error=0
for curproc in $allprocs; do
  wait $curproc
  error=`expr $? + $error`
done
exit `expr $error != 0`
```

loaditem.sh

```
cd $tpcc_bench
$tpcc_load -M $tpcc_scale -i > loaditem.log 2>&1
```

loadnord.sh

```
#created automatically by
/export/home/oracle/tpcckit.linux/scripts/evenload.sh Thu Sep 8 11:27:38
PDT 2011
rm -f loadnord*.log
cd $tpcc_bench
allprocs=
$tpcc_load -M 380000 -n  -b 1 -e 2375 >> loadnord0.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 2376 -e 4750 >> loadnord1.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 4751 -e 7125 >> loadnord2.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 7126 -e 9500 >> loadnord3.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 9501 -e 11875 >> loadnord4.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 11876 -e 14250 >> loadnord5.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 14251 -e 16625 >> loadnord6.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 16626 -e 19000 >> loadnord7.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 19001 -e 21375 >> loadnord8.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 21376 -e 23750 >> loadnord9.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 23751 -e 26125 >> loadnord10.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 26126 -e 28500 >> loadnord11.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 28501 -e 30875 >> loadnord12.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 30876 -e 33250 >> loadnord13.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 33251 -e 35625 >> loadnord14.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 35626 -e 38000 >> loadnord15.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 38001 -e 40375 >> loadnord16.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 40376 -e 42750 >> loadnord17.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 42751 -e 45125 >> loadnord18.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 45126 -e 47500 >> loadnord19.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 47501 -e 49875 >> loadnord20.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 49876 -e 52250 >> loadnord21.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 52251 -e 54625 >> loadnord22.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 54626 -e 57000 >> loadnord23.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 57001 -e 59375 >> loadnord24.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 59376 -e 61750 >> loadnord25.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 61751 -e 64125 >> loadnord26.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 64126 -e 66500 >> loadnord27.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 66501 -e 68875 >> loadnord28.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 68876 -e 71250 >> loadnord29.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 71251 -e 73625 >> loadnord30.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 73626 -e 76000 >> loadnord31.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 76001 -e 78375 >> loadnord32.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 78376 -e 80750 >> loadnord33.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 80751 -e 83125 >> loadnord34.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 83126 -e 85500 >> loadnord35.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 85501 -e 87875 >> loadnord36.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 87876 -e 90250 >> loadnord37.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 90251 -e 92625 >> loadnord38.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 92626 -e 95000 >> loadnord39.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 95001 -e 97375 >> loadnord40.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 97376 -e 99750 >> loadnord41.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 99751 -e 102125 >> loadnord42.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 102126 -e 104500 >> loadnord43.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 104501 -e 106875 >> loadnord44.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 106876 -e 109250 >> loadnord45.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 109251 -e 111625 >> loadnord46.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 111626 -e 114000 >> loadnord47.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 114001 -e 116375 >> loadnord48.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 116376 -e 118750 >> loadnord49.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 118751 -e 121125 >> loadnord50.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 121126 -e 123500 >> loadnord51.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 123501 -e 125875 >> loadnord52.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 125876 -e 128250 >> loadnord53.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 128251 -e 130625 >> loadnord54.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 130626 -e 133000 >> loadnord55.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 133001 -e 135375 >> loadnord56.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 135376 -e 137750 >> loadnord57.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 137751 -e 140125 >> loadnord58.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 140126 -e 142500 >> loadnord59.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 142501 -e 144875 >> loadnord60.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 144876 -e 147250 >> loadnord61.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 147251 -e 149625 >> loadnord62.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 149626 -e 152000 >> loadnord63.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 152001 -e 154375 >> loadnord64.log 2>&1 &
allprocs="$allprocs ${!}"
```

```
$tpcc_load -M 380000 -n  -b 154376 -e 156750 >> loadnord65.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 156751 -e 159125 >> loadnord66.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 159126 -e 161500 >> loadnord67.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 161501 -e 163875 >> loadnord68.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 163876 -e 166250 >> loadnord69.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 166251 -e 168625 >> loadnord70.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 168626 -e 171000 >> loadnord71.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 171001 -e 173375 >> loadnord72.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 173376 -e 175750 >> loadnord73.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 175751 -e 178125 >> loadnord74.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 178126 -e 180500 >> loadnord75.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 180501 -e 182875 >> loadnord76.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 182876 -e 185250 >> loadnord77.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 185251 -e 187625 >> loadnord78.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 187626 -e 190000 >> loadnord79.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 190001 -e 192375 >> loadnord80.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 192376 -e 194750 >> loadnord81.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 194751 -e 197125 >> loadnord82.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 197126 -e 199500 >> loadnord83.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 199501 -e 201875 >> loadnord84.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 201876 -e 204250 >> loadnord85.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 204251 -e 206625 >> loadnord86.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 206626 -e 209000 >> loadnord87.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 209001 -e 211375 >> loadnord88.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 211376 -e 213750 >> loadnord89.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 213751 -e 216125 >> loadnord90.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 216126 -e 218500 >> loadnord91.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 218501 -e 220875 >> loadnord92.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 220876 -e 223250 >> loadnord93.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 223251 -e 225625 >> loadnord94.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 225626 -e 228000 >> loadnord95.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 228001 -e 230375 >> loadnord96.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 230376 -e 232750 >> loadnord97.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 232751 -e 235125 >> loadnord98.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 235126 -e 237500 >> loadnord99.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 237501 -e 239875 >> loadnord100.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 239876 -e 242250 >> loadnord101.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 242251 -e 244625 >> loadnord102.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 244626 -e 247000 >> loadnord103.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 247001 -e 249375 >> loadnord104.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 249376 -e 251750 >> loadnord105.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 251751 -e 254125 >> loadnord106.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 254126 -e 256500 >> loadnord107.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 256501 -e 258875 >> loadnord108.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 258876 -e 261250 >> loadnord109.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 261251 -e 263625 >> loadnord110.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 263626 -e 266000 >> loadnord111.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 266001 -e 268375 >> loadnord112.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 268376 -e 270750 >> loadnord113.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 270751 -e 273125 >> loadnord114.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 273126 -e 275500 >> loadnord115.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 275501 -e 277875 >> loadnord116.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 277876 -e 280250 >> loadnord117.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 280251 -e 282625 >> loadnord118.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 282626 -e 285000 >> loadnord119.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 285001 -e 287375 >> loadnord120.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 287376 -e 289750 >> loadnord121.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 289751 -e 292125 >> loadnord122.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 292126 -e 294500 >> loadnord123.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 294501 -e 296875 >> loadnord124.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 296876 -e 299250 >> loadnord125.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 299251 -e 301625 >> loadnord126.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 301626 -e 304000 >> loadnord127.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 304001 -e 306375 >> loadnord128.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 306376 -e 308750 >> loadnord129.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 308751 -e 311125 >> loadnord130.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 311126 -e 313500 >> loadnord131.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 313501 -e 315875 >> loadnord132.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 315876 -e 318250 >> loadnord133.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 318251 -e 320625 >> loadnord134.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 320626 -e 323000 >> loadnord135.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 323001 -e 325375 >> loadnord136.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 325376 -e 327750 >> loadnord137.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 327751 -e 330125 >> loadnord138.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 330126 -e 332500 >> loadnord139.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 332501 -e 334875 >> loadnord140.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 334876 -e 337250 >> loadnord141.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 337251 -e 339625 >> loadnord142.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 339626 -e 342000 >> loadnord143.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 342001 -e 344375 >> loadnord144.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 344376 -e 346750 >> loadnord145.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 346751 -e 349125 >> loadnord146.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 349126 -e 351500 >> loadnord147.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 351501 -e 353875 >> loadnord148.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 353876 -e 356250 >> loadnord149.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 356251 -e 358625 >> loadnord150.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 358626 -e 361000 >> loadnord151.log 2>&1 &
allprocs="$allprocs ${!}"
```

```
$tpcc_load -M 380000 -n  -b 361001 -e 363375 >> loadnord152.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 363376 -e 365750 >> loadnord153.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 365751 -e 368125 >> loadnord154.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 368126 -e 370500 >> loadnord155.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 370501 -e 372875 >> loadnord156.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 372876 -e 375250 >> loadnord157.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 375251 -e 377625 >> loadnord158.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -n  -b 377626 -e 380000 >> loadnord159.log 2>&1 &
allprocs="$allprocs ${!}"
error=0
for curproc in $allprocs; do
  wait $curproc
  error=`expr $? + $error`
done
exit `expr $error != 0`
```

loadordrordl.sh

```
#created automatically by
/export/home/oracle/tpcckit.linux/scripts/evenload.sh Thu Sep 8 11:27:40
PDT 2011
rm -f loadordrordl*.log
cd $tpcc_bench
allprocs=
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy0.dat -b 1 -e 2375
>> loadordrordl0.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy1.dat -b 2376 -e
4750 >> loadordrordl1.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy2.dat -b 4751 -e
7125 >> loadordrordl2.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy3.dat -b 7126 -e
9500 >> loadordrordl3.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy4.dat -b 9501 -e
11875 >> loadordrordl4.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy5.dat -b 11876 -e
14250 >> loadordrordl5.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy6.dat -b 14251 -e
16625 >> loadordrordl6.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy7.dat -b 16626 -e
19000 >> loadordrordl7.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy8.dat -b 19001 -e
21375 >> loadordrordl8.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy9.dat -b 21376 -e
23750 >> loadordrordl9.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy10.dat -b 23751 -e
26125 >> loadordrordl10.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy11.dat -b 26126 -e
28500 >> loadordrordl11.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy12.dat -b 28501 -e
30875 >> loadordrordl12.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy13.dat -b 30876 -e
33250 >> loadordrordl13.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy14.dat -b 33251 -e
35625 >> loadordrordl14.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy15.dat -b 35626 -e
38000 >> loadordrordl15.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy16.dat -b 38001 -e
40375 >> loadordrordl16.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy17.dat -b 40376 -e
42750 >> loadordrordl17.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy18.dat -b 42751 -e
45125 >> loadordrordl18.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy19.dat -b 45126 -e
47500 >> loadordrordl19.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy20.dat -b 47501 -e
49875 >> loadordrordl20.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy21.dat -b 49876 -e
52250 >> loadordrordl21.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy22.dat -b 52251 -e
54625 >> loadordrordl22.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy23.dat -b 54626 -e
57000 >> loadordrordl23.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy24.dat -b 57001 -e
59375 >> loadordrordl24.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy25.dat -b 59376 -e
61750 >> loadordrordl25.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy26.dat -b 61751 -e
64125 >> loadordrordl26.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy27.dat -b 64126 -e
66500 >> loadordrordl27.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy28.dat -b 66501 -e
68875 >> loadordrordl28.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy29.dat -b 68876 -e
71250 >> loadordrordl29.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy30.dat -b 71251 -e
73625 >> loadordrordl30.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy31.dat -b 73626 -e
76000 >> loadordrordl31.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy32.dat -b 76001 -e
78375 >> loadordrordl32.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy33.dat -b 78376 -e
80750 >> loadordrordl33.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy34.dat -b 80751 -e
83125 >> loadordrordl34.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy35.dat -b 83126 -e
85500 >> loadordrordl35.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy36.dat -b 85501 -e
87875 >> loadordrordl36.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy37.dat -b 87876 -e
90250 >> loadordrordl37.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy38.dat -b 90251 -e
92625 >> loadordrordl38.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy39.dat -b 92626 -e
95000 >> loadordrordl39.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy40.dat -b 95001 -e
97375 >> loadordrordl40.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy41.dat -b 97376 -e
99750 >> loadordrordl41.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy42.dat -b 99751 -e
102125 >> loadordrordl42.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy43.dat -b 102126 -e
104500 >> loadordrordl43.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy44.dat -b 104501 -e
106875 >> loadordrordl44.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy45.dat -b 106876 -e
109250 >> loadordrordl45.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy46.dat -b 109251 -e
111625 >> loadordrordl46.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy47.dat -b 111626 -e
```

```
114000 >> loadordrordl47.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy48.dat -b 114001 -e
116375 >> loadordrordl48.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy49.dat -b 116376 -e
118750 >> loadordrordl49.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy50.dat -b 118751 -e
121125 >> loadordrordl50.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy51.dat -b 121126 -e
123500 >> loadordrordl51.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy52.dat -b 123501 -e
125875 >> loadordrordl52.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy53.dat -b 125876 -e
128250 >> loadordrordl53.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy54.dat -b 128251 -e
130625 >> loadordrordl54.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy55.dat -b 130626 -e
133000 >> loadordrordl55.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy56.dat -b 133001 -e
135375 >> loadordrordl56.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy57.dat -b 135376 -e
137750 >> loadordrordl57.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy58.dat -b 137751 -e
140125 >> loadordrordl58.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy59.dat -b 140126 -e
142500 >> loadordrordl59.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy60.dat -b 142501 -e
144875 >> loadordrordl60.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy61.dat -b 144876 -e
147250 >> loadordrordl61.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy62.dat -b 147251 -e
149625 >> loadordrordl62.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy63.dat -b 149626 -e
152000 >> loadordrordl63.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy64.dat -b 152001 -e
154375 >> loadordrordl64.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy65.dat -b 154376 -e
156750 >> loadordrordl65.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy66.dat -b 156751 -e
159125 >> loadordrordl66.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy67.dat -b 159126 -e
161500 >> loadordrordl67.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy68.dat -b 161501 -e
163875 >> loadordrordl68.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy69.dat -b 163876 -e
166250 >> loadordrordl69.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy70.dat -b 166251 -e
168625 >> loadordrordl70.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy71.dat -b 168626 -e
171000 >> loadordrordl71.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy72.dat -b 171001 -e
173375 >> loadordrordl72.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy73.dat -b 173376 -e
175750 >> loadordrordl73.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy74.dat -b 175751 -e
178125 >> loadordrordl74.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy75.dat -b 178126 -e
180500 >> loadordrordl75.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy76.dat -b 180501 -e
182875 >> loadordrordl76.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy77.dat -b 182876 -e
185250 >> loadordrordl77.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy78.dat -b 185251 -e
187625 >> loadordrordl78.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy79.dat -b 187626 -e
190000 >> loadordrordl79.log 2>&1 &
allprocs="$allprocs ${!}"

error=0
for curproc in $allprocs; do
  wait $curproc
  error=`expr $? + $error`
done

allprocs=
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy80.dat -b 190001 -e
192375 >> loadordrordl80.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy81.dat -b 192376 -e
194750 >> loadordrordl81.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy82.dat -b 194751 -e
197125 >> loadordrordl82.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy83.dat -b 197126 -e
199500 >> loadordrordl83.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy84.dat -b 199501 -e
201875 >> loadordrordl84.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy85.dat -b 201876 -e
204250 >> loadordrordl85.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy86.dat -b 204251 -e
206625 >> loadordrordl86.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy87.dat -b 206626 -e
209000 >> loadordrordl87.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy88.dat -b 209001 -e
211375 >> loadordrordl88.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy89.dat -b 211376 -e
213750 >> loadordrordl89.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy90.dat -b 213751 -e
216125 >> loadordrordl90.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy91.dat -b 216126 -e
218500 >> loadordrordl91.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy92.dat -b 218501 -e
220875 >> loadordrordl92.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy93.dat -b 220876 -e
223250 >> loadordrordl93.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy94.dat -b 223251 -e
225625 >> loadordrordl94.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy95.dat -b 225626 -e
228000 >> loadordrordl95.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy96.dat -b 228001 -e
230375 >> loadordrordl96.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy97.dat -b 230376 -e
232750 >> loadordrordl97.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy98.dat -b 232751 -e
235125 >> loadordrordl98.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy99.dat -b 235126 -e
237500 >> loadordrordl99.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy100.dat -b 237501 -e
239875 >> loadordrordl100.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy101.dat -b 239876 -e
242250 >> loadordrordl101.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy102.dat -b 242251 -e
244625 >> loadordrordl102.log 2>&1 &
```

```
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy103.dat -b 244626 -e 247000 >> loadordrordl103.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy104.dat -b 247001 -e 249375 >> loadordrordl104.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy105.dat -b 249376 -e 251750 >> loadordrordl105.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy106.dat -b 251751 -e 254125 >> loadordrordl106.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy107.dat -b 254126 -e 256500 >> loadordrordl107.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy108.dat -b 256501 -e 258875 >> loadordrordl108.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy109.dat -b 258876 -e 261250 >> loadordrordl109.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy110.dat -b 261251 -e 263625 >> loadordrordl110.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy111.dat -b 263626 -e 266000 >> loadordrordl111.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy112.dat -b 266001 -e 268375 >> loadordrordl112.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy113.dat -b 268376 -e 270750 >> loadordrordl113.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy114.dat -b 270751 -e 273125 >> loadordrordl114.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy115.dat -b 273126 -e 275500 >> loadordrordl115.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy116.dat -b 275501 -e 277875 >> loadordrordl116.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy117.dat -b 277876 -e 280250 >> loadordrordl117.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy118.dat -b 280251 -e 282625 >> loadordrordl118.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy119.dat -b 282626 -e 285000 >> loadordrordl119.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy120.dat -b 285001 -e 287375 >> loadordrordl120.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy121.dat -b 287376 -e 289750 >> loadordrordl121.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy122.dat -b 289751 -e 292125 >> loadordrordl122.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy123.dat -b 292126 -e 294500 >> loadordrordl123.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy124.dat -b 294501 -e 296875 >> loadordrordl124.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy125.dat -b 296876 -e 299250 >> loadordrordl125.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy126.dat -b 299251 -e 301625 >> loadordrordl126.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy127.dat -b 301626 -e 304000 >> loadordrordl127.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy128.dat -b 304001 -e 306375 >> loadordrordl128.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy129.dat -b 306376 -e 308750 >> loadordrordl129.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy130.dat -b 308751 -e 311125 >> loadordrordl130.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy131.dat -b 311126 -e 313500 >> loadordrordl131.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy132.dat -b 313501 -e 315875 >> loadordrordl132.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy133.dat -b 315876 -e 318250 >> loadordrordl133.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy134.dat -b 318251 -e 320625 >> loadordrordl134.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy135.dat -b 320626 -e 323000 >> loadordrordl135.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy136.dat -b 323001 -e 325375 >> loadordrordl136.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy137.dat -b 325376 -e 327750 >> loadordrordl137.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy138.dat -b 327751 -e 330125 >> loadordrordl138.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy139.dat -b 330126 -e 332500 >> loadordrordl139.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy140.dat -b 332501 -e 334875 >> loadordrordl140.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy141.dat -b 334876 -e 337250 >> loadordrordl141.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy142.dat -b 337251 -e 339625 >> loadordrordl142.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy143.dat -b 339626 -e 342000 >> loadordrordl143.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy144.dat -b 342001 -e 344375 >> loadordrordl144.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy145.dat -b 344376 -e 346750 >> loadordrordl145.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy146.dat -b 346751 -e 349125 >> loadordrordl146.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy147.dat -b 349126 -e 351500 >> loadordrordl147.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy148.dat -b 351501 -e 353875 >> loadordrordl148.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy149.dat -b 353876 -e 356250 >> loadordrordl149.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy150.dat -b 356251 -e 358625 >> loadordrordl150.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy151.dat -b 358626 -e 361000 >> loadordrordl151.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy152.dat -b 361001 -e 363375 >> loadordrordl152.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy153.dat -b 363376 -e 365750 >> loadordrordl153.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy154.dat -b 365751 -e 368125 >> loadordrordl154.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy155.dat -b 368126 -e 370500 >> loadordrordl155.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy156.dat -b 370501 -e 372875 >> loadordrordl156.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy157.dat -b 372876 -e 375250 >> loadordrordl157.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy158.dat -b 375251 -e 377625 >> loadordrordl158.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -o ${tpcc_disks_location}dummy159.dat -b 377626 -e 380000 >> loadordrordl159.log 2>&1 &
allprocs="$allprocs ${!}"
for curproc in $allprocs; do
```

```
  wait $curproc
  error=`expr $? + $error`
done
exit `expr $error != 0`
```

loadstok.sh

```
#created automatically by
/export/home/oracle/tpcckit.linux/scripts/evenload.sh Thu Sep 8 11:27:44
PDT 2011
rm -f loadstok*.log
cd $tpcc_bench
allprocs=
$tpcc_load -M 380000 -S  -j 1 -k 625 >> loadstok0.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 626 -k 1250 >> loadstok1.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 1251 -k 1875 >> loadstok2.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 1876 -k 2500 >> loadstok3.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 2501 -k 3125 >> loadstok4.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 3126 -k 3750 >> loadstok5.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 3751 -k 4375 >> loadstok6.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 4376 -k 5000 >> loadstok7.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 5001 -k 5625 >> loadstok8.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 5626 -k 6250 >> loadstok9.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 6251 -k 6875 >> loadstok10.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 6876 -k 7500 >> loadstok11.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 7501 -k 8125 >> loadstok12.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 8126 -k 8750 >> loadstok13.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 8751 -k 9375 >> loadstok14.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 9376 -k 10000 >> loadstok15.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 10001 -k 10625 >> loadstok16.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 10626 -k 11250 >> loadstok17.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 11251 -k 11875 >> loadstok18.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 11876 -k 12500 >> loadstok19.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 12501 -k 13125 >> loadstok20.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 13126 -k 13750 >> loadstok21.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 13751 -k 14375 >> loadstok22.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 14376 -k 15000 >> loadstok23.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 15001 -k 15625 >> loadstok24.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 15626 -k 16250 >> loadstok25.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 16251 -k 16875 >> loadstok26.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 16876 -k 17500 >> loadstok27.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 17501 -k 18125 >> loadstok28.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 18126 -k 18750 >> loadstok29.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 18751 -k 19375 >> loadstok30.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 19376 -k 20000 >> loadstok31.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 20001 -k 20625 >> loadstok32.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 20626 -k 21250 >> loadstok33.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 21251 -k 21875 >> loadstok34.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 21876 -k 22500 >> loadstok35.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 22501 -k 23125 >> loadstok36.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 23126 -k 23750 >> loadstok37.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 23751 -k 24375 >> loadstok38.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 24376 -k 25000 >> loadstok39.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 25001 -k 25625 >> loadstok40.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 25626 -k 26250 >> loadstok41.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 26251 -k 26875 >> loadstok42.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 26876 -k 27500 >> loadstok43.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 27501 -k 28125 >> loadstok44.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 28126 -k 28750 >> loadstok45.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 28751 -k 29375 >> loadstok46.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 29376 -k 30000 >> loadstok47.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 30001 -k 30625 >> loadstok48.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 30626 -k 31250 >> loadstok49.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 31251 -k 31875 >> loadstok50.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 31876 -k 32500 >> loadstok51.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 32501 -k 33125 >> loadstok52.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 33126 -k 33750 >> loadstok53.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 33751 -k 34375 >> loadstok54.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 34376 -k 35000 >> loadstok55.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 35001 -k 35625 >> loadstok56.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 35626 -k 36250 >> loadstok57.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 36251 -k 36875 >> loadstok58.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 36876 -k 37500 >> loadstok59.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 37501 -k 38125 >> loadstok60.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 38126 -k 38750 >> loadstok61.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 38751 -k 39375 >> loadstok62.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 39376 -k 40000 >> loadstok63.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 40001 -k 40625 >> loadstok64.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 40626 -k 41250 >> loadstok65.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 41251 -k 41875 >> loadstok66.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 41876 -k 42500 >> loadstok67.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 42501 -k 43125 >> loadstok68.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 43126 -k 43750 >> loadstok69.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 43751 -k 44375 >> loadstok70.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 44376 -k 45000 >> loadstok71.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 45001 -k 45625 >> loadstok72.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 45626 -k 46250 >> loadstok73.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 46251 -k 46875 >> loadstok74.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 46876 -k 47500 >> loadstok75.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 47501 -k 48125 >> loadstok76.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 48126 -k 48750 >> loadstok77.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 48751 -k 49375 >> loadstok78.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 49376 -k 50000 >> loadstok79.log 2>&1 &
allprocs="$allprocs ${!}"
```

```
$tpcc_load -M 380000 -S  -j 50001 -k 50625 >> loadstok80.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 50626 -k 51250 >> loadstok81.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 51251 -k 51875 >> loadstok82.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 51876 -k 52500 >> loadstok83.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 52501 -k 53125 >> loadstok84.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 53126 -k 53750 >> loadstok85.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 53751 -k 54375 >> loadstok86.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 54376 -k 55000 >> loadstok87.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 55001 -k 55625 >> loadstok88.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 55626 -k 56250 >> loadstok89.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 56251 -k 56875 >> loadstok90.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 56876 -k 57500 >> loadstok91.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 57501 -k 58125 >> loadstok92.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 58126 -k 58750 >> loadstok93.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 58751 -k 59375 >> loadstok94.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 59376 -k 60000 >> loadstok95.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 60001 -k 60625 >> loadstok96.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 60626 -k 61250 >> loadstok97.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 61251 -k 61875 >> loadstok98.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 61876 -k 62500 >> loadstok99.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 62501 -k 63125 >> loadstok100.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 63126 -k 63750 >> loadstok101.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 63751 -k 64375 >> loadstok102.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 64376 -k 65000 >> loadstok103.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 65001 -k 65625 >> loadstok104.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 65626 -k 66250 >> loadstok105.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 66251 -k 66875 >> loadstok106.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 66876 -k 67500 >> loadstok107.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 67501 -k 68125 >> loadstok108.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 68126 -k 68750 >> loadstok109.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 68751 -k 69375 >> loadstok110.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 69376 -k 70000 >> loadstok111.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 70001 -k 70625 >> loadstok112.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 70626 -k 71250 >> loadstok113.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 71251 -k 71875 >> loadstok114.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 71876 -k 72500 >> loadstok115.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 72501 -k 73125 >> loadstok116.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 73126 -k 73750 >> loadstok117.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 73751 -k 74375 >> loadstok118.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 74376 -k 75000 >> loadstok119.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 75001 -k 75625 >> loadstok120.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 75626 -k 76250 >> loadstok121.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 76251 -k 76875 >> loadstok122.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 76876 -k 77500 >> loadstok123.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 77501 -k 78125 >> loadstok124.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 78126 -k 78750 >> loadstok125.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 78751 -k 79375 >> loadstok126.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 79376 -k 80000 >> loadstok127.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 80001 -k 80625 >> loadstok128.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 80626 -k 81250 >> loadstok129.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 81251 -k 81875 >> loadstok130.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 81876 -k 82500 >> loadstok131.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 82501 -k 83125 >> loadstok132.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 83126 -k 83750 >> loadstok133.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 83751 -k 84375 >> loadstok134.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 84376 -k 85000 >> loadstok135.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 85001 -k 85625 >> loadstok136.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 85626 -k 86250 >> loadstok137.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 86251 -k 86875 >> loadstok138.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 86876 -k 87500 >> loadstok139.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 87501 -k 88125 >> loadstok140.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 88126 -k 88750 >> loadstok141.log 2>&1 &
allprocs="$allprocs ${!}"
$tpcc_load -M 380000 -S  -j 88751 -k 89375 >> loadstok142.log 2>&1 &
allprocs="$allprocs ${!}"
```

```
compatible = 11.2.0.0.1
control_files = (/export/home/oracle/tpcc_disks/control_001,
/export/home/oracle/tpcc_disks/control_002)
db_16k_cache_size = 41333M
db_8k_cache_size = 15500M
db_block_size = 4096
db_cache_size = 413330M
db_files = 2066
db_name = tpcc
log_buffer = 104857600
plsql_optimize_level=2
shared_pool_size = 77500M
statistics_level = basic
dml_locks = 500
transactions = 2000
undo_management = auto
undo_retention = 2
processes = 2000
recovery_parallelism = 40
sessions = 2000
parallel_max_servers = 400
UNDO_TABLESPACE = undo_1
db_block_checksum = TRUE
db_block_checking = TRUE
```

p_build2.ora

```
compatible = 11.2.0.0.1
control_files = (/export/home/oracle/tpcc_disks/control_001,
/export/home/oracle/tpcc_disks/control_002)
db_16k_cache_size = 41333M
db_8k_cache_size = 15500M
db_block_size = 4096
db_cache_size = 41333M
db_files = 2066
db_name = tpcc
log_buffer = 10485760
plsql_optimize_level=2
shared_pool_size = 7750M
statistics_level = basic
dml_locks = 500
transactions = 2000
undo_management = auto
undo_retention = 2
processes = 2000
recovery_parallelism = 40
sessions = 2000
parallel_max_servers = 100
```

p_create.ora

```
compatible = 11.2.0.0.1
control_files = (/export/home/oracle/tpcc_disks/control_001,
/export/home/oracle/tpcc_disks/control_002)
db_16k_cache_size = 41333M
db_8k_cache_size = 15500M
db_block_size = 4096
db_cache_size = 41333M
db_files = 2066
db_name = tpcc
log_buffer = 1048576
plsql_optimize_level=2
shared_pool_size = 7750M
statistics_level = basic
undo_management = manual
db_block_checksum = TRUE
db_block_checking = TRUE
```

RTE Parameters

config

```
setDriverParams :think_neworder     => 12.04
setDriverParams :think_payment      => 12.04
setDriverParams :think_orderstatus  => 10.04
setDriverParams :think_delivery     =>  5.04
setDriverParams :think_stocklevel   =>  5.04

set :mix_payment     => 43.01
set :mix_orderstatus => 4.01
set :mix_delivery    => 4.01
set :mix_stocklevel  => 4.01

set :warehouses =>  380000
set :ramptime   => 30*60
set :runtime    => 3*60*60
```

Appendix C: Parameter Settings

Oracle Data-Base Parameters

p_run.ora

```
job_queue_processes = 0
aq_tm_processes = 0
audit_trail = FALSE
compatible = 11.2.0.0.1
control_files = (/export/home/oracle/tpcc_disks/control_001,
/export/home/oracle/tpcc_disks/control_002)
db_block_size = 4096

db_16k_cache_size = 940G
db_8k_cache_size = 35G
db_cache_size = 100G
db_keep_cache_size = 2200G
db_recycle_cache_size= 490G
shared_pool_size = 80G
db_cache_advice=off

timed_statistics = TRUE
db_block_checksum = FALSE
db_block_checking = FALSE
db_files = 2066
db_name = tpcc
disk_asynch_io=TRUE
filesystemio_options=setall
db_writer_processes = 32
local_listener = all_listeners
log_buffer = 268435456
log_checkpoint_timeout = 0
#log_checkpoint_timeout = 1740
log_checkpoint_timeout = 0
log_checkpoints_to_alert=TRUE
java_pool_size = 0
plsql_optimize_level=2
parallel_max_servers = 0
pga_aggregate_target = 0
fast_start_mttr_target = 0
statistics_level = basic
result_cache_max_size = 0
dml_locks = 2000
transactions = 1500
undo_management = auto
undo_retention = 1
undo_tablespace = undo_1
processes = 2000
recovery_parallelism = 40
sessions = 4960
```

listener.ora

```
tpcc_lsn=
 (ADDRESS_LIST=
     (ADDRESS=(PROTOCOL=tcp)(HOST=x4800-002)(PORT=1521))
     (CONNECT_DATA=(SID=tpcc)))

tpcc_lsn1 =
 (ADDRESS_LIST=
     (ADDRESS=(PROTOCOL=tcp)(HOST=192.168.100.100)
(PORT=7521))
     (CONNECT_DATA=(SID=tpcc)))
tpcc_lsn2 =
 (ADDRESS_LIST=
     (ADDRESS=(PROTOCOL=tcp)(HOST=192.168.100.100)
(PORT=7522))
     (CONNECT_DATA=(SID=tpcc)))
tpcc_lsn3 =
 (ADDRESS_LIST=
     (ADDRESS=(PROTOCOL=tcp)(HOST=192.168.100.100)
(PORT=7523))
     (CONNECT_DATA=(SID=tpcc)))
tpcc_lsn4 =
 (ADDRESS_LIST=
     (ADDRESS=(PROTOCOL=tcp)(HOST=192.168.100.100)
(PORT=7524))
     (CONNECT_DATA=(SID=tpcc)))
tpcc_lsn5 =
 (ADDRESS_LIST=
     (ADDRESS=(PROTOCOL=tcp)(HOST=192.168.101.100)
(PORT=7521))
     (CONNECT_DATA=(SID=tpcc)))
tpcc_lsn6 =
 (ADDRESS_LIST=
     (ADDRESS=(PROTOCOL=tcp)(HOST=192.168.101.100)
(PORT=7522))
     (CONNECT_DATA=(SID=tpcc)))
tpcc_lsn7 =
 (ADDRESS_LIST=
     (ADDRESS=(PROTOCOL=tcp)(HOST=192.168.101.100)
(PORT=7523))
     (CONNECT_DATA=(SID=tpcc)))
tpcc_lsn8 =
 (ADDRESS_LIST=
     (ADDRESS=(PROTOCOL=tcp)(HOST=192.168.101.100)
(PORT=7524))
     (CONNECT_DATA=(SID=tpcc)))
```

tnsnames.ora

```
all_listeners =
(DESCRIPTION =
   (ADDRESS=(PROTOCOL=TCP)(Host=192.168.100.100)(PORT=7521))
   (ADDRESS=(PROTOCOL=TCP)(Host=192.168.100.100)(PORT=7522))
   (ADDRESS=(PROTOCOL=TCP)(Host=192.168.100.100)(PORT=7523))
   (ADDRESS=(PROTOCOL=TCP)(Host=192.168.100.100)(PORT=7524))
   (ADDRESS=(PROTOCOL=TCP)(Host=192.168.101.100)(PORT=7521))
   (ADDRESS=(PROTOCOL=TCP)(Host=192.168.101.100)(PORT=7522))
   (ADDRESS=(PROTOCOL=TCP)(Host=192.168.101.100)(PORT=7523))
   (ADDRESS=(PROTOCOL=TCP)(Host=192.168.101.100)(PORT=7524))
)

tpcc_lsn =
 (DESCRIPTION=
     (ADDRESS=(PROTOCOL=tcp)(HOST=x4800-002)(PORT=1521))
     (CONNECT_DATA=(SID=tpcc)))

tpcc_lsn1 =
 (DESCRIPTION=
     (ADDRESS=(PROTOCOL=tcp)(HOST=192.168.100.100)
(PORT=7521))
     (CONNECT_DATA=(SID=tpcc)))

tpcc_lsn2 =
 (DESCRIPTION=
     (ADDRESS=(PROTOCOL=tcp)(HOST=192.168.100.100)
(PORT=7522))
     (CONNECT_DATA=(SID=tpcc)))

tpcc_lsn3 =
 (DESCRIPTION=
     (ADDRESS=(PROTOCOL=tcp)(HOST=192.168.100.100)
(PORT=7523))
     (CONNECT_DATA=(SID=tpcc)))

tpcc_lsn4 =
 (DESCRIPTION=
     (ADDRESS=(PROTOCOL=tcp)(HOST=192.168.100.100)
(PORT=7524))
     (CONNECT_DATA=(SID=tpcc)))

tpcc_lsn5 =
 (DESCRIPTION=
     (ADDRESS=(PROTOCOL=tcp)(HOST=192.168.101.100)
(PORT=7521))
     (CONNECT_DATA=(SID=tpcc)))

tpcc_lsn6 =
 (DESCRIPTION=
     (ADDRESS=(PROTOCOL=tcp)(HOST=192.168.101.100)
(PORT=7522))
     (CONNECT_DATA=(SID=tpcc)))

tpcc_lsn7 =
 (DESCRIPTION=
     (ADDRESS=(PROTOCOL=tcp)(HOST=192.168.101.100)
(PORT=7523))
     (CONNECT_DATA=(SID=tpcc)))

tpcc_lsn8 =
 (DESCRIPTION=
     (ADDRESS=(PROTOCOL=tcp)(HOST=192.168.101.100)
(PORT=7524))
     (CONNECT_DATA=(SID=tpcc)))
```

Sun Fire X4800 M2 Parameters

version

Linux version 2.6.39-100.0.5.uek2 (root@ca-test111.us.oracle.com) (gcc version 4.4.5 20110214 (Red Hat 4.4.5-6) (GCC)) #1 SMP Thu Nov 10 08:40:06 PST 2012

cmdline

kernel /vmlinuz-2.6.39-100.0.5.uek2 ro root=UUID=51db5970-3835-495d-9034-08f4426e5cdb rd_NO_LUKS rd_NO_LVM rd_NO_MD rd_NO_DM LANG=en_US.UTF-8 SYSFONT=latarcyrheb-sun16 KEYBOARDTYPE=pc KEYTABLE=us nosoftlockup console=tty0 loglevel=3 console=ttyS0,57600 earlyprintk=ttyS0,57600 rcutree.rcu_cpu_stall_suppress=1 elevator=noop idle=mwait selinux=0 nohz=off cgroup_disable=memory

sysctl.conf

```
# Kernel sysctl configuration file for Red Hat Linux
#
# For binary values, 0 is disabled, 1 is enabled.  See sysctl(8) and
# sysctl.conf(5) for more details.

# Controls IP packet forwarding
net.ipv4.ip_forward = 0

# Controls source route verification
net.ipv4.conf.default.rp_filter = 1

#oracle wants this:
net.ipv4.ip_local_port_range = 9000 65500
# Do not accept source routing
net.ipv4.conf.default.accept_source_route = 0

# Controls the System Request debugging functionality of the kernel
kernel.sysrq = 0

# Controls whether core dumps will append the PID to the core filename.
# Useful for debugging multi-threaded applications.
kernel.core_uses_pid = 1

# Controls the use of TCP syncookies
net.ipv4.tcp_syncookies = 1

# Disable netfilter on bridges.
net.bridge.bridge-nf-call-ip6tables = 0
net.bridge.bridge-nf-call-iptables = 0
net.bridge.bridge-nf-call-arptables = 0

kernel.msgmnb = 65536
kernel.msgmax = 65536
# semaphores: semmsl, semmns, semopm, semmni
kernel.sem = 250 32000 100 128
fs.file-max = 6815744
fs.aio-max-nr = 1048576
net.core.rmem_default = 262144
net.core.rmem_max = 4194304
net.core.wmem_default = 262144
net.core.wmem_max = 1048586
fs.inotify.max_user_watches = 100000

kernel.shmall=4398046511104
kernel.shmmax=1099511627776
vm.nr_hugepages=1980000

kernel.sched_rt_runtime_us=-1
vm.zone_reclaim_mode=1
vm.numa_zonelist_order=none
kernel.sched_latency_ns=1000000000
kernel.sched_min_granularity_ns=5000000
cmdline
kernel /vmlinuz-2.6.39-100.0.5.uek2 ro root=UUID=51db5970-3835-495d-9034-08f4426e5cdb rd_NO_LUKS rd_NO_LVM rd_NO_MD rd_NO_DM LANG=en_US.UTF-8 SYSFONT=latarcyrheb-sun16 KEYBOARDTYPE=pc KEYTABLE=us nosoftlockup console=tty0 loglevel=3 console=ttyS0,57600 earlyprintk=ttyS0,57600 rcutree.rcu_cpu_stall_suppress=1 elevator=noop idle=mwait selinux=0 nohz=off cgroup_disable=memory
```

meminfo

```
MemTotal:       4236142204 kB
MemFree:        81399968 kB
Buffers:        104924 kB
Cached:         1104252 kB
SwapCached:           0 kB
Active:         798140 kB
Inactive:       229008 kB
Active(anon):   420456 kB
Inactive(anon):  25324 kB
Active(file):   377684 kB
Inactive(file):  203684 kB
Unevictable:          0 kB
Mlocked:              0 kB
SwapTotal:      35656928 kB
SwapFree:       35656928 kB
Dirty:               20 kB
Writeback:            0 kB
AnonPages:      391804 kB
Mapped:          23768 kB
Shmem:           54212 kB
Slab:           644500 kB
SReclaimable:   161828 kB
SUnreclaim:     482672 kB
KernelStack:     12152 kB
PageTables:      14788 kB
NFS_Unstable:         0 kB
Bounce:               0 kB
WritebackTmp:         0 kB
CommitLimit:    80496668 kB
Committed_AS:   2095408 kB
VmallocTotal:   34359738367 kB
VmallocUsed:    6785512 kB
VmallocChunk:   30594921156 kB
HardwareCorrupted:     0 kB
AnonHugePages:     47104 kB
HugePages_Total:   2024640
HugePages_Free:    1881282
HugePages_Rsvd:    1775441
HugePages_Surp:       0
Hugepagesize:       2048 kB
DirectMap4k:        7488 kB
DirectMap2M:     2080768 kB
DirectMap1G:    4292870144 kB
```

cpuinfo

```
processor   : 0
vendor_id   : GenuineIntel
cpu family  : 6
model               : 47
model name          : Intel(R) Xeon(R) CPU E7- 8870  @ 2.40GHz
stepping    : 2
cpu MHz             : 2401.000
cache size  : 30720 KB
physical id : 0
siblings    : 20
core id             : 0
cpu cores   : 10
apicid              : 0
initial apicid      : 0
fpu                 : yes
fpu_exception       : yes
cpuid level : 11
wp                  : yes
flags               : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge
mca cmov pat pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall
nx pdpe1gb rdtscp lm constant_tsc arch_perfmon pebs bts rep_good nopl
xtopology nonstop_tsc aperfmperf pni pclmulqdq dtes64 monitor ds_cpl vmx
smx est tm2 ssse3 cx16 xtpr pdcm dca sse4_1 sse4_2 popcnt aes lahf_lm ida
arat epb dts tpr_shadow vnmi flexpriority ept vpid
bogomips   : 4787.69
clflush size        : 64
cache_alignment     : 64
address sizes       : 44 bits physical, 48 bits virtual
power management:
```

[1-158 identical]

```
processor   : 159
vendor_id   : GenuineIntel
cpu family  : 6
model               : 47
model name          : Intel(R) Xeon(R) CPU E7- 8870  @ 2.40GHz
stepping    : 2
cpu MHz             : 2401.000
cache size  : 30720 KB
physical id : 7
siblings    : 20
core id             : 9
```

```
cpu cores   : 10
apicid          : 243
initial apicid  : 243
fpu             : yes
fpu_exception   : yes
cpuid level: 11
wp              : yes
flags           : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge
mca cmov pat pse36 clflush dts acpi mmx fxsr sse sse2 ss ht tm pbe syscall
nx pdpe1gb rdtscp lm constant_tsc arch_perfmon pebs bts rep_good nopl
xtopology nonstop_tsc aperfmperf pni pclmulqdq dtes64 monitor ds_cpl vmx
smx est tm2 ssse3 cx16 xtpr pdcm dca sse4_1 sse4_2 popcnt aes lahf_lm ida
arat epb dts tpr_shadow vnmi flexpriority ept vpid
bogomips  : 4787.85
clflush size    : 64
cache_alignment : 64
address sizes   : 44 bits physical, 48 bits virtual
power management:
```

fdisk

```
Disk /dev/sda: 299.4 GB, 299439751168 bytes
255 heads, 63 sectors/track, 36404 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x0009fd21

   Device Boot      Start         End      Blocks   Id  System
/dev/sda1   *           1         131     1048576   83  Linux
Partition 1 does not end on cylinder boundary.
/dev/sda2             131         392     2097152   82  Linux swap / Solaris
Partition 2 does not end on cylinder boundary.
/dev/sda3             392       36405   289274880   83  Linux

Disk /dev/sdb: 299.4 GB, 299439751168 bytes
255 heads, 63 sectors/track, 36404 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x000ad782

   Device Boot      Start         End      Blocks   Id  System
/dev/sdb1             1       19582   157292383+  83  Linux
/dev/sdb2         19583       23760    33559785   83  Linux
/dev/sdb3         23761       33552    78654240   83  Linux

Disk /dev/sdc: 299.4 GB, 299439751168 bytes
255 heads, 63 sectors/track, 36404 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x000ceb6b

   Device Boot      Start         End      Blocks   Id  System

Disk /dev/sdd: 299.4 GB, 299439751168 bytes
255 heads, 63 sectors/track, 36404 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x000a4d3c

   Device Boot      Start         End      Blocks   Id  System
/dev/sdd1             1       17755   142617006   83  Linux
/dev/sdd2         17756       21933    33559785   82  Linux swap / Solaris
/dev/sdd3         21934       34988   104864287+  83  Linux

Disk /dev/sde: 299.4 GB, 299439751168 bytes
255 heads, 63 sectors/track, 36404 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00052793

   Device Boot      Start         End      Blocks   Id  System

Disk /dev/sdg: 299.4 GB, 299439751168 bytes
255 heads, 63 sectors/track, 36404 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x0008944a

   Device Boot      Start         End      Blocks   Id  System
/dev/sdg1   *           2       36404   292407097+  bf  Solaris

Disk /dev/sdf: 299.4 GB, 299439751168 bytes
255 heads, 63 sectors/track, 36404 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00029bca

   Device Boot      Start         End      Blocks   Id  System

Disk /dev/sdh: 299.4 GB, 299439751168 bytes
255 heads, 63 sectors/track, 36404 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00003569

   Device Boot      Start         End      Blocks   Id  System

Disk /dev/sdi: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdi1             1        2024    16253887+  ee  GPT

Disk /dev/sdj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0xfedd0850

   Device Boot      Start         End      Blocks   Id  System
/dev/sdj1             1        2024    16253887+  ee  GPT

Disk /dev/sdn: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdn1             1        2024    16253887+  ee  GPT

Disk /dev/sdp: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdp1             1        1529    12280767+  ee  GPT

Disk /dev/sdt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdt1             1        2011    16151487+  ee  GPT

Disk /dev/sdk: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdk1             1        2024    16253887+  ee  GPT

Disk /dev/sdr: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
```

```
/dev/sdr1          1      2011   16151487+  ee  GPT

Disk /dev/sdm: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdm1            1        2024   16253887+  ee  GPT

Disk /dev/sdu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdu1            1        2011   16151487+  ee  GPT

Disk /dev/sdo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdo1            1        2024   16253887+  ee  GPT

Disk /dev/sdv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdv1            1        2011   16151487+  ee  GPT

Disk /dev/sdq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdq1            1        2024   16253887+  ee  GPT

Disk /dev/sdx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdx1            1        2011   16151487+  ee  GPT

Disk /dev/sds: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sds1            1        1529   12280767+  ee  GPT

Disk /dev/sdy: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdy1            1        2011   16151487+  ee  GPT

Disk /dev/sdw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdw1            1        2011   16151487+  ee  GPT

Disk /dev/sdl: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdl1            1        2024   16253887+  ee  GPT

Disk /dev/sdz: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdz1            1        2011   16151487+  ee  GPT

Disk /dev/sdac: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdac1           1        2011   16151487+  ee  GPT

Disk /dev/sdaa: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaa1           1        2011   16151487+  ee  GPT

Disk /dev/sdab: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdab1           1        8259   66337727+  ee  GPT

Disk /dev/sdad: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdad1           1        8259   66337727+  ee  GPT

Disk /dev/sdai: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdai1           1        2024   16253887+  ee  GPT

Disk /dev/sdam: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdam1           1        2024   16253887+  ee  GPT

Disk /dev/sdak: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdak1               1        2024    16253887+  ee  GPT

Disk /dev/sdar: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdar1               1        2011    16151487+  ee  GPT

Disk /dev/sdao: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdao1               1        2024    16253887+  ee  GPT

Disk /dev/sdan: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdan1               1        2024    16253887+  ee  GPT

Disk /dev/sdav: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdav1               1        2011    16151487+  ee  GPT

Disk /dev/sdap: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdap1               1        1529    12280767+  ee  GPT

Disk /dev/sdax: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdax1               1        2011    16151487+  ee  GPT

Disk /dev/sdaw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaw1               1        2011    16151487+  ee  GPT

Disk /dev/sdau: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdau1               1        2011    16151487+  ee  GPT

Disk /dev/sdat: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdat1               1        2011    16151487+  ee  GPT

Disk /dev/sdaq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaq1               1        2024    16253887+  ee  GPT

Disk /dev/sdaj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaj1               1        2024    16253887+  ee  GPT

Disk /dev/sdal: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdal1               1        2024    16253887+  ee  GPT

Disk /dev/sdas: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdas1               1        1529    12280767+  ee  GPT

Disk /dev/sdbb: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbb1               1        8259    66337727+  ee  GPT

Disk /dev/sdae: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdae1               1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdba: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdba1               1        2011    16151487+  ee  GPT

Disk /dev/sdaz: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaz1               1        2011    16151487+  ee  GPT

Disk /dev/sday: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sday1               1        2011    16151487+  ee  GPT

Disk /dev/sdaf: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaf1               1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdah: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdah1               1        2608    20943807+  ee  GPT

Disk /dev/sdag: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdag1               1        2608    20943807+  ee  GPT

Disk /dev/sdbc: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbc1               1        2011    16151487+  ee  GPT

Disk /dev/sdbd: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbd1               1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdbi: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbi1               1        2024    16253887+  ee  GPT

Disk /dev/sdbm: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbm1               1        2024    16253887+  ee  GPT

Disk /dev/sdbl: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbl1               1        2024    16253887+  ee  GPT

Disk /dev/sdbj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbj1               1        2024    16253887+  ee  GPT

Disk /dev/sdbn: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbn1               1        2024    16253887+  ee  GPT

Disk /dev/sdbk: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbk1               1        2024    16253887+  ee  GPT

Disk /dev/sdbo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbo1               1        2024    16253887+  ee  GPT

Disk /dev/sdbp: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbp1               1        1529    12280767+  ee  GPT

Disk /dev/sdbq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbq1               1        2024    16253887+  ee  GPT

Disk /dev/sdbe: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
```

```
/dev/sdbe1          1       8259    66337727+  ee  GPT

Disk /dev/sdbf: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbf1          1       2608    20943807+  ee  GPT

Disk /dev/sdbg: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbg1          1        406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdbh: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbh1          1       2608    20943807+  ee  GPT

Disk /dev/sdbr: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbr1          1       2011    16151487+  ee  GPT

Disk /dev/sdbt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbt1          1       2011    16151487+  ee  GPT

Disk /dev/sdbs: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbs1          1       1529    12280767+  ee  GPT

Disk /dev/sdbu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbu1          1       2011    16151487+  ee  GPT

Disk /dev/sdbv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbv1          1       2011    16151487+  ee  GPT

Disk /dev/sdbz: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbz1          1       2011    16151487+  ee  GPT

Disk /dev/sdbx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbx1          1       2011    16151487+  ee  GPT

Disk /dev/sdby: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdby1          1       2011    16151487+  ee  GPT

Disk /dev/sdcc: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdcc1          1       2011    16151487+  ee  GPT

Disk /dev/sdcd: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdcd1          1        406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdca: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdca1          1       2011    16151487+  ee  GPT

Disk /dev/sdcb: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdcb1          1       8259    66337727+  ee  GPT

Disk /dev/sdce: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdce1          1       8259    66337727+  ee  GPT

Disk /dev/sdcf: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdcf1               1        2608    20943807+  ee  GPT

Disk /dev/sdcg: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdcg1               1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdci: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdci1               1        2024    16253887+  ee  GPT

Disk /dev/sdch: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdch1               1        2608    20943807+  ee  GPT

Disk /dev/sdcj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdcj1               1        2024    16253887+  ee  GPT

Disk /dev/sdck: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdck1               1        2024    16253887+  ee  GPT

Disk /dev/sdcl: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdcl1               1        2024    16253887+  ee  GPT

Disk /dev/sdcm: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdcm1               1        2024    16253887+  ee  GPT

Disk /dev/sdcn: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdcn1               1        2024    16253887+  ee  GPT

Disk /dev/sdco: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdco1               1        2024    16253887+  ee  GPT

Disk /dev/sdcp: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdcp1               1        1529    12280767+  ee  GPT

Disk /dev/sdcq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdcq1               1        2024    16253887+  ee  GPT

Disk /dev/sdcr: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdcr1               1        2011    16151487+  ee  GPT

Disk /dev/sdct: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdct1               1        2011    16151487+  ee  GPT

Disk /dev/sdcv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdcv1               1        2011    16151487+  ee  GPT

Disk /dev/sdcz: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdcz1               1        2011    16151487+  ee  GPT

Disk /dev/sdcw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdcw1               1        2011    16151487+  ee  GPT

Disk /dev/sdcs: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdcs1               1        1529    12280767+  ee  GPT

Disk /dev/sddk: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddk1               1        2024    16253887+  ee  GPT

Disk /dev/sddn: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddn1               1        2024    16253887+  ee  GPT

Disk /dev/sddl: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddl1               1        2024    16253887+  ee  GPT

Disk /dev/sddd: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddd1               1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sddf: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddf1               1        2608    20943807+  ee  GPT

Disk /dev/sddi: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddi1               1        2024    16253887+  ee  GPT

Disk /dev/sddo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddo1               1        2024    16253887+  ee  GPT

Disk /dev/sddb: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddb1               1        8259    66337727+  ee  GPT

Disk /dev/sdcx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdcx1               1        2011    16151487+  ee  GPT

Disk /dev/sddj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddj1               1        2024    16253887+  ee  GPT

Disk /dev/sdda: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdda1               1        2011    16151487+  ee  GPT

Disk /dev/sdde: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdde1               1        8259    66337727+  ee  GPT

Disk /dev/sddc: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddc1               1        2011    16151487+  ee  GPT

Disk /dev/sdcy: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdcy1               1        2011    16151487+  ee  GPT

Disk /dev/sddm: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddm1               1        2024    16253887+  ee  GPT

Disk /dev/sddp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddp1               1        2024    16253887+  ee  GPT

Disk /dev/sddh: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddh1               1        2608    20943807+  ee  GPT

Disk /dev/sddg: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddg1               1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdcu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdcu1               1        2011    16151487+  ee  GPT

Disk /dev/sddq: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddq1               1        1529    12280767+  ee  GPT

Disk /dev/sddr: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddr1               1        1529    12280767+  ee  GPT

Disk /dev/sddu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddu1               1        2011    16151487+  ee  GPT

Disk /dev/sdds: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdds1               1        2011    16151487+  ee  GPT

Disk /dev/sddt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddt1               1        2011    16151487+  ee  GPT

Disk /dev/sddv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddv1               1        2011    16151487+  ee  GPT

Disk /dev/sddz: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddz1               1        2011    16151487+  ee  GPT

Disk /dev/sddw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddw1               1        2011    16151487+  ee  GPT

Disk /dev/sdea: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdea1               1        2011    16151487+  ee  GPT

Disk /dev/sddx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddx1               1        2011    16151487+  ee  GPT

Disk /dev/sdef: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdef1               1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdeb: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdeb1               1        2011    16151487+  ee  GPT

Disk /dev/sdec: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdec1               1        8259    66337727+  ee  GPT

Disk /dev/sdee: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdee1               1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
```

```
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sddy: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sddy1               1        2011    16151487+  ee  GPT

Disk /dev/sded: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sded1               1        8259    66337727+  ee  GPT

Disk /dev/sdei: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdei1               1        2024    16253887+  ee  GPT

Disk /dev/sdel: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdel1               1        2024    16253887+  ee  GPT

Disk /dev/sdek: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdek1               1        2024    16253887+  ee  GPT

Disk /dev/sdeo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdeo1               1        2024    16253887+  ee  GPT

Disk /dev/sdeq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdeq1               1        2024    16253887+  ee  GPT

Disk /dev/sdep: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdep1               1        1529    12280767+  ee  GPT

Disk /dev/sdet: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdet1               1        2011    16151487+  ee  GPT

Disk /dev/sder: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sder1               1        2011    16151487+  ee  GPT

Disk /dev/sdes: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdes1               1        1529    12280767+  ee  GPT

Disk /dev/sden: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sden1               1        2024    16253887+  ee  GPT

Disk /dev/sdem: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdem1               1        2024    16253887+  ee  GPT

Disk /dev/sdej: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdej1               1        2024    16253887+  ee  GPT

Disk /dev/sdeh: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdeh1               1        2608    20943807+  ee  GPT

Disk /dev/sdeg: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdeg1               1        2608    20943807+  ee  GPT

Disk /dev/sdeu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdeu1               1        2011    16151487+  ee  GPT
```

```
Disk /dev/sdev: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdev1               1        2011    16151487+  ee  GPT

Disk /dev/sdex: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdex1               1        2011    16151487+  ee  GPT

Disk /dev/sdfb: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfb1               1        8259    66337727+  ee  GPT

Disk /dev/sdfk: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfk1               1        2024    16253887+  ee  GPT

Disk /dev/sdfi: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfi1               1        2024    16253887+  ee  GPT

Disk /dev/sdew: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdew1               1        2011    16151487+  ee  GPT

Disk /dev/sdez: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdez1               1        2011    16151487+  ee  GPT

Disk /dev/sdfj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfj1               1        2024    16253887+  ee  GPT

Disk /dev/sdfq: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfq1               1        2011    16151487+  ee  GPT

Disk /dev/sdfl: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfl1               1        2024    16253887+  ee  GPT

Disk /dev/sdfd: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfd1               1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdey: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdey1               1        2011    16151487+  ee  GPT

Disk /dev/sdfp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfp1               1        2024    16253887+  ee  GPT

Disk /dev/sdfs: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfs1               1        2011    16151487+  ee  GPT

Disk /dev/sdfc: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfc1               1        2011    16151487+  ee  GPT

Disk /dev/sdfh: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfh1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdfn: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdfn1               1        2024    16253887+  ee  GPT

Disk /dev/sdfm: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfm1               1        2024    16253887+  ee  GPT

Disk /dev/sdfr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfr1               1        2024    16253887+  ee  GPT

Disk /dev/sdfa: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfa1               1        2011    16151487+  ee  GPT

Disk /dev/sdfg: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfg1               1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdfe: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfe1               1        8259    66337727+  ee  GPT

Disk /dev/sdfo: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfo1               1        1529    12280767+  ee  GPT

Disk /dev/sdff: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdff1               1        2608    20943807+  ee  GPT

Disk /dev/sdft: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdft1               1        1529    12280767+  ee  GPT

Disk /dev/sdfv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfv1               1        2011    16151487+  ee  GPT

Disk /dev/sdfu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfu1               1        2011    16151487+  ee  GPT

Disk /dev/sdfx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfx1               1        2011    16151487+  ee  GPT

Disk /dev/sdgp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgp1               1        2024    16253887+  ee  GPT

Disk /dev/sdgn: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgn1               1        2024    16253887+  ee  GPT

Disk /dev/sdgo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgo1               1        2024    16253887+  ee  GPT

Disk /dev/sdfw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfw1               1        2011    16151487+  ee  GPT

Disk /dev/sdgi: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgi1               1        2024    16253887+  ee  GPT

Disk /dev/sdgj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdgj1               1        2024    16253887+  ee  GPT

Disk /dev/sdgq: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgq1               1        1529    12280767+  ee  GPT

Disk /dev/sdgd: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgd1               1        8259    66337727+  ee  GPT

Disk /dev/sdgk: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgk1               1        2024    16253887+  ee  GPT

Disk /dev/sdgb: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgb1               1        8259    66337727+  ee  GPT

Disk /dev/sdgc: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgc1               1        2011    16151487+  ee  GPT

Disk /dev/sdfz: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfz1               1        2011    16151487+  ee  GPT

Disk /dev/sdfy: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdfy1               1        2011    16151487+  ee  GPT

Disk /dev/sdgl: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgl1               1        2024    16253887+  ee  GPT

Disk /dev/sdge: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdge1               1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdgf: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgf1               1        2608    20943807+  ee  GPT

Disk /dev/sdgh: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgh1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdgm: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgm1               1        2024    16253887+  ee  GPT

Disk /dev/sdgg: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgg1               1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdgr: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgr1               1        1529    12280767+  ee  GPT

Disk /dev/sdga: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdga1               1        2011    16151487+  ee  GPT

Disk /dev/sdgs: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
```

```
/dev/sdgs1          1       2011   16151487+  ee  GPT

Disk /dev/sdgu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgu1          1       2011   16151487+  ee  GPT

Disk /dev/sdgz: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgz1          1       2011   16151487+  ee  GPT

Disk /dev/sdgt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgt1          1       2011   16151487+  ee  GPT

Disk /dev/sdgy: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgy1          1       2011   16151487+  ee  GPT

Disk /dev/sdgx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgx1          1       2011   16151487+  ee  GPT

Disk /dev/sdgw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgw1          1       2011   16151487+  ee  GPT

Disk /dev/sdhg: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhg1          1       2608   20943807+  ee  GPT

Disk /dev/sdhj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhj1          1       2024   16253887+  ee  GPT

Disk /dev/sdhb: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhb1          1       2011   16151487+  ee  GPT

Disk /dev/sdhh: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhh1          1        997    8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdhf: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhf1          1        406    3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdhm: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhm1          1       2024   16253887+  ee  GPT

Disk /dev/sdgv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdgv1          1       2011   16151487+  ee  GPT

Disk /dev/sdhe: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhe1          1        406    3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdhi: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhi1          1       2024   16253887+  ee  GPT

Disk /dev/sdhc: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhc1          1       8259   66337727+  ee  GPT
```

```
Disk /dev/sdhd: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhd1               1        8259    66337727+  ee  GPT

Disk /dev/sdha: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdha1               1        2011    16151487+  ee  GPT

Disk /dev/sdhl: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhl1               1        2024    16253887+  ee  GPT

Disk /dev/sdho: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdho1               1        2024    16253887+  ee  GPT

Disk /dev/sdhk: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhk1               1        2024    16253887+  ee  GPT

Disk /dev/sdhn: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhn1               1        2024    16253887+  ee  GPT

Disk /dev/sdhp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhp1               1        2024    16253887+  ee  GPT

Disk /dev/sdhq: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhq1               1        1529    12280767+  ee  GPT

Disk /dev/sdhr: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhr1               1        1529    12280767+  ee  GPT

Disk /dev/sdhs: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhs1               1        2011    16151487+  ee  GPT

Disk /dev/sdht: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdht1               1        2011    16151487+  ee  GPT

Disk /dev/sdhw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhw1               1        2011    16151487+  ee  GPT

Disk /dev/sdhx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhx1               1        2011    16151487+  ee  GPT

Disk /dev/sdhv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhv1               1        2011    16151487+  ee  GPT

Disk /dev/sdia: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdia1               1        2011    16151487+  ee  GPT

Disk /dev/sdhy: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhy1               1        2011    16151487+  ee  GPT

Disk /dev/sdib: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdib1               1        2011    16151487+  ee  GPT

Disk /dev/sdhz: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhz1               1        2011    16151487+  ee  GPT

Disk /dev/sdhu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdhu1               1        2011    16151487+  ee  GPT

Disk /dev/sdic: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdic1               1        8259    66337727+  ee  GPT

Disk /dev/sdif: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdif1               1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdie: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdie1               1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdig: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdig1               1        2608    20943807+  ee  GPT

Disk /dev/sdij: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdij1               1        2024    16253887+  ee  GPT

Disk /dev/sdik: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdik1               1        2024    16253887+  ee  GPT

Disk /dev/sdid: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdid1               1        8259    66337727+  ee  GPT

Disk /dev/sdii: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdii1               1        2024    16253887+  ee  GPT

Disk /dev/sdih: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdih1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdil: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdil1               1        2024    16253887+  ee  GPT

Disk /dev/sdim: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdim1               1        2024    16253887+  ee  GPT

Disk /dev/sdip: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdip1               1        1529    12280767+  ee  GPT

Disk /dev/sdin: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdin1               1        2024    16253887+  ee  GPT

Disk /dev/sdiq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdiq1               1        2024    16253887+  ee  GPT

Disk /dev/sdio: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdio1               1        2024    16253887+  ee  GPT

Disk /dev/sdir: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdir1               1        2011    16151487+  ee  GPT

Disk /dev/sdis: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdis1               1        1529    12280767+  ee  GPT

Disk /dev/sdit: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdit1               1        2011    16151487+  ee  GPT

Disk /dev/sdiv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdiv1               1        2011    16151487+  ee  GPT

Disk /dev/sdiu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdiu1               1        2011    16151487+  ee  GPT

Disk /dev/sdiz: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdiz1               1        2011    16151487+  ee  GPT

Disk /dev/sdja: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdja1               1        2011    16151487+  ee  GPT

Disk /dev/sdix: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdix1               1        2011    16151487+  ee  GPT

Disk /dev/sdiw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdiw1               1        2011    16151487+  ee  GPT

Disk /dev/sdjc: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjc1               1        2011    16151487+  ee  GPT

Disk /dev/sdjd: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjd1               1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdjb: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjb1               1        8259    66337727+  ee  GPT

Disk /dev/sdjh: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjh1               1        2608    20943807+  ee  GPT

Disk /dev/sdjg: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjg1               1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdjf: 24 MB, 24051712 bytes
255 heads, 63 sectors/track, 2 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjf1               1           3      23487+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(2, 235, 41)

Disk /dev/sdiy: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
```

```
/dev/sdiy1          1       2011   16151487+  ee  GPT

Disk /dev/sdje: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdje1          1       8259   66337727+  ee  GPT

Disk /dev/sdjv: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjv1          1       2024   16253887+  ee  GPT

Disk /dev/sdka: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdka1          1       2011   16151487+  ee  GPT

Disk /dev/sdjo: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjo1          1       2011   16151487+  ee  GPT

Disk /dev/sdjp: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjp1          1       2011   16151487+  ee  GPT

Disk /dev/sdjy: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjy1          1       2024   16253887+  ee  GPT

Disk /dev/sdjs: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjs1          1       8259   66337727+  ee  GPT

Disk /dev/sdjj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjj1          1       2024   16253887+  ee  GPT

Disk /dev/sdjx: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjx1          1       2024   16253887+  ee  GPT

Disk /dev/sdjz: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjz1          1       2011   16151487+  ee  GPT

Disk /dev/sdjl: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjl1          1       2024   16253887+  ee  GPT

Disk /dev/sdjm: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjm1          1       1529   12280767+  ee  GPT

Disk /dev/sdji: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdji1          1       2024   16253887+  ee  GPT

Disk /dev/sdjw: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjw1          1       2024   16253887+  ee  GPT

Disk /dev/sdjt: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjt1          1        935    7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdjn: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjn1          1       2011   16151487+  ee  GPT

Disk /dev/sdjk: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
```

```
/dev/sdjk1          1       2024   16253887+  ee  GPT

Disk /dev/sdjr: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjr1          1       2011   16151487+  ee  GPT

Disk /dev/sdjq: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdjq1          1       2011   16151487+  ee  GPT

Disk /dev/sdkc: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdkc1          1       2011   16151487+  ee  GPT

Disk /dev/sdkb: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdkb1          1       2011   16151487+  ee  GPT

Disk /dev/sdju: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdju1          1        997    8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdkd: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdkd1          1       2011   16151487+  ee  GPT

Disk /dev/sdki: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdki1          1       2024   16253887+  ee  GPT

Disk /dev/sdkk: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdkk1          1       2024   16253887+  ee  GPT

Disk /dev/sdkl: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdkl1          1       2024   16253887+  ee  GPT

Disk /dev/sdkm: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdkm1          1       2011   16151487+  ee  GPT

Disk /dev/sdkj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdkj1          1       2024   16253887+  ee  GPT

Disk /dev/sdko: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdko1          1       2011   16151487+  ee  GPT

Disk /dev/sdkn: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdkn1          1       2011   16151487+  ee  GPT

Disk /dev/sdkp: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdkp1          1       2011   16151487+  ee  GPT

Disk /dev/sdkq: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdkq1          1       2011   16151487+  ee  GPT

Disk /dev/sdkh: 422 MB, 422510592 bytes
255 heads, 63 sectors/track, 51 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdkh1          1         52     412607+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(51, 93, 42)

Disk /dev/sdke: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdke1               1        8259    66337727+  ee  GPT

Disk /dev/sdkr: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdkr1               1        8259    66337727+  ee  GPT

Disk /dev/sdku: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdku1               1        2024    16253887+  ee  GPT

Disk /dev/sdks: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdks1               1        8259    66337727+  ee  GPT

Disk /dev/sdkt: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdkt1               1        1942    15598527+  ee  GPT

Disk /dev/sdkv: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdkv1               1        2024    16253887+  ee  GPT

Disk /dev/sdkw: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdkw1               1        2024    16253887+  ee  GPT

Disk /dev/sdkg: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdkg1               1        1942    15598527+  ee  GPT

Disk /dev/sdkf: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdkf1               1        8259    66337727+  ee  GPT

Disk /dev/sdkx: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdkx1               1        2024    16253887+  ee  GPT

Disk /dev/sdkz: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdkz1               1        2011    16151487+  ee  GPT

Disk /dev/sdky: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdky1               1        2011    16151487+  ee  GPT

Disk /dev/sdlb: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdlb1               1        2011    16151487+  ee  GPT

Disk /dev/sdlc: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdlc1               1        2011    16151487+  ee  GPT

Disk /dev/sdld: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdld1               1        8259    66337727+  ee  GPT

Disk /dev/sdla: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdla1               1        2011    16151487+  ee  GPT

Disk /dev/sdlk: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdlk1               1        2024    16253887+  ee  GPT

Disk /dev/sdlh: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
```

```
/dev/sdlh1          1       2024    16253887+  ee  GPT

Disk /dev/sdlj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdlj1          1       2024    16253887+  ee  GPT

Disk /dev/sdlf: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdlf1          1       1942    15598527+  ee  GPT

Disk /dev/sdli: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdli1          1       2024    16253887+  ee  GPT

Disk /dev/sdlg: 8492 MB, 8492351488 bytes
255 heads, 63 sectors/track, 1032 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdlg1          1       1033     8293311+  ee  GPT

Disk /dev/sdle: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdle1          1       8259    66337727+  ee  GPT

Disk /dev/sdll: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdll1          1       2011    16151487+  ee  GPT

Disk /dev/sdln: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdln1          1       2011    16151487+  ee  GPT

Disk /dev/sdlm: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdlm1          1       2011    16151487+  ee  GPT

Disk /dev/sdlp: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdlp1          1       2011    16151487+  ee  GPT

Disk /dev/sdlo: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdlo1          1       2011    16151487+  ee  GPT

Disk /dev/sdlq: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdlq1          1       8259    66337727+  ee  GPT

Disk /dev/sdlr: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdlr1          1       8259    66337727+  ee  GPT

Disk /dev/sdls: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdls1          1       1942    15598527+  ee  GPT

Disk /dev/sdlt: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdlt1          1       2024    16253887+  ee  GPT

Disk /dev/sdlw: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdlw1          1       2024    16253887+  ee  GPT

Disk /dev/sdlx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdlx1          1       2011    16151487+  ee  GPT

Disk /dev/sdlz: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdlz1          1       2011    16151487+  ee  GPT

Disk /dev/sdly: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdly1               1        2011    16151487+  ee  GPT

Disk /dev/sdlu: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdlu1               1        2024    16253887+  ee  GPT

Disk /dev/sdma: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdma1               1        2011    16151487+  ee  GPT

Disk /dev/sdmb: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmb1               1        2011    16151487+  ee  GPT

Disk /dev/sdlv: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdlv1               1        2024    16253887+  ee  GPT

Disk /dev/sdmc: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmc1               1        8259    66337727+  ee  GPT

Disk /dev/sdmf: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmf1               1        2024    16253887+  ee  GPT

Disk /dev/sdmd: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmd1               1        8259    66337727+  ee  GPT

Disk /dev/sdmg: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmg1               1        2024    16253887+  ee  GPT

Disk /dev/sdmh: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmh1               1        2024    16253887+  ee  GPT

Disk /dev/sdmj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmj1               1        2011    16151487+  ee  GPT

Disk /dev/sdmi: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmi1               1        2024    16253887+  ee  GPT

Disk /dev/sdmk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmk1               1        2011    16151487+  ee  GPT

Disk /dev/sdml: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdml1               1        2011    16151487+  ee  GPT

Disk /dev/sdme: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdme1               1        1942    15598527+  ee  GPT

Disk /dev/sdmr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmr1               1        2024    16253887+  ee  GPT

Disk /dev/sdms: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdms1               1        2024    16253887+  ee  GPT

Disk /dev/sdmm: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdmm1               1        2011   16151487+  ee  GPT

Disk /dev/sdmw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmw1               1        2011   16151487+  ee  GPT

Disk /dev/sdmu: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmu1               1        2024   16253887+  ee  GPT

Disk /dev/sdmt: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmt1               1        2024   16253887+  ee  GPT

Disk /dev/sdmo: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmo1               1        8259   66337727+  ee  GPT

Disk /dev/sdmp: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmp1               1        8259   66337727+  ee  GPT

Disk /dev/sdmq: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmq1               1        1942   15598527+  ee  GPT

Disk /dev/sdmv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmv1               1        2011   16151487+  ee  GPT

Disk /dev/sdmx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmx1               1        2011   16151487+  ee  GPT

Disk /dev/sdmn: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmn1               1        2011   16151487+  ee  GPT

Disk /dev/sdmz: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmz1               1        2011   16151487+  ee  GPT

Disk /dev/sdmy: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdmy1               1        2011   16151487+  ee  GPT

Disk /dev/sdnb: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdnb1               1        8259   66337727+  ee  GPT

Disk /dev/sdna: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdna1               1        8259   66337727+  ee  GPT

Disk /dev/sdnf: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdnf1               1        2024   16253887+  ee  GPT

Disk /dev/sdne: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdne1               1        2024   16253887+  ee  GPT

Disk /dev/sdng: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdng1               1        2024   16253887+  ee  GPT

Disk /dev/sdnk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdnk1               1        2011   16151487+  ee  GPT
```

```
Disk /dev/sdnj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdnj1               1        2024    16253887+  ee  GPT

Disk /dev/sdnh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdnh1               1        2011    16151487+  ee  GPT

Disk /dev/sdni: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdni1               1        2011    16151487+  ee  GPT

Disk /dev/sdnc: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdnc1               1        1942    15598527+  ee  GPT

Disk /dev/sdnm: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdnm1               1        2011    16151487+  ee  GPT

Disk /dev/sdnd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdnd1               1        2024    16253887+  ee  GPT

Disk /dev/sdnl: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdnl1               1        2024    16253887+  ee  GPT

Disk /dev/sdnn: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdnn1               1        2024    16253887+  ee  GPT

Disk /dev/sdnq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdnq1               1        2024    16253887+  ee  GPT

Disk /dev/sdnx: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdnx1               1        2024    16253887+  ee  GPT

Disk /dev/sdnt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdnt1               1        2011    16151487+  ee  GPT

Disk /dev/sdoa: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdoa1               1        2024    16253887+  ee  GPT

Disk /dev/sdny: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdny1               1        2011    16151487+  ee  GPT

Disk /dev/sdob: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdob1               1        8259    66337727+  ee  GPT

Disk /dev/sdnv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdnv1               1        2011    16151487+  ee  GPT

Disk /dev/sdnr: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdnr1               1        8259    66337727+  ee  GPT

Disk /dev/sdnp: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdnp1               1        2011    16151487+  ee  GPT

Disk /dev/sdnz: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdnz1               1        2011    16151487+  ee  GPT

Disk /dev/sdod: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdod1               1        8259    66337727+  ee  GPT

Disk /dev/sdoc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdoc1               1        2024    16253887+  ee  GPT

Disk /dev/sdnu: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdnu1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdno: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdno1               1        2011    16151487+  ee  GPT

Disk /dev/sdnw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdnw1               1        2011    16151487+  ee  GPT

Disk /dev/sdoe: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdoe1               1        2024    16253887+  ee  GPT

Disk /dev/sdns: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdns1               1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdof: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdof1               1        1942    15598527+  ee  GPT

Disk /dev/sdoh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdoh1               1        2011    16151487+  ee  GPT

Disk /dev/sdog: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdog1               1        2011    16151487+  ee  GPT

Disk /dev/sdoi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdoi1               1        2011    16151487+  ee  GPT

Disk /dev/sdoj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdoj1               1        2011    16151487+  ee  GPT

Disk /dev/sdok: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdok1               1        2011    16151487+  ee  GPT

Disk /dev/sdol: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdol1               1        2024    16253887+  ee  GPT

Disk /dev/sdom: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdom1               1        2011    16151487+  ee  GPT

Disk /dev/sdoo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdoo1               1        2024    16253887+  ee  GPT
```

```
Disk /dev/sdor: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdor1               1        2024    16253887+  ee  GPT

Disk /dev/sdot: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdot1               1        2024    16253887+  ee  GPT

Disk /dev/sdoq: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdoq1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdon: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdon1               1        8259    66337727+  ee  GPT

Disk /dev/sdow: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdow1               1        2011    16151487+  ee  GPT

Disk /dev/sdos: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdos1               1        2024    16253887+  ee  GPT

Disk /dev/sdop: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdop1               1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdov: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdov1               1        2024    16253887+  ee  GPT

Disk /dev/sdoy: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdoy1               1        2011    16151487+  ee  GPT

Disk /dev/sdox: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdox1               1        2024    16253887+  ee  GPT

Disk /dev/sdou: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdou1               1        2011    16151487+  ee  GPT

Disk /dev/sdoz: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdoz1               1        2024    16253887+  ee  GPT

Disk /dev/sdpa: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpa1               1        2011    16151487+  ee  GPT

Disk /dev/sdpb: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpb1               1        2011    16151487+  ee  GPT

Disk /dev/sdpc: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpc1               1        2011    16151487+  ee  GPT

Disk /dev/sdpe: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpe1               1        8259    66337727+  ee  GPT

Disk /dev/sdpd: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdpd1               1        2011    16151487+  ee  GPT

Disk /dev/sdpf: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpf1               1        2011    16151487+  ee  GPT

Disk /dev/sdpm: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpm1               1        2024    16253887+  ee  GPT

Disk /dev/sdpp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpp1               1        2024    16253887+  ee  GPT

Disk /dev/sdpq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpq1               1        2024    16253887+  ee  GPT

Disk /dev/sdpr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpr1               1        2024    16253887+  ee  GPT

Disk /dev/sdpg: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpg1               1        8259    66337727+  ee  GPT

Disk /dev/sdpi: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpi1               1        1942    15598527+  ee  GPT

Disk /dev/sdpj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpj1               1        2011    16151487+  ee  GPT

Disk /dev/sdps: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdps1               1        2024    16253887+  ee  GPT

Disk /dev/sdpk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpk1               1        2011    16151487+  ee  GPT

Disk /dev/sdpl: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpl1               1        8259    66337727+  ee  GPT

Disk /dev/sdpt: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpt1               1        2024    16253887+  ee  GPT

Disk /dev/sdph: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdph1               1        2011    16151487+  ee  GPT

Disk /dev/sdpo: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpo1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdpu: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpu1               1        2024    16253887+  ee  GPT

Disk /dev/sdpv: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpv1               1        2024    16253887+  ee  GPT

Disk /dev/sdpn: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdpn1               1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdpw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpw1               1        2011    16151487+  ee  GPT

Disk /dev/sdpx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpx1               1        2011    16151487+  ee  GPT

Disk /dev/sdpy: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpy1               1        2011    16151487+  ee  GPT

Disk /dev/sdpz: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdpz1               1        2011    16151487+  ee  GPT

Disk /dev/sdqa: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqa1               1        2011    16151487+  ee  GPT

Disk /dev/sdqb: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqb1               1        2011    16151487+  ee  GPT

Disk /dev/sdqd: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqd1               1        2011    16151487+  ee  GPT

Disk /dev/sdqf: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqf1               1        2011    16151487+  ee  GPT

Disk /dev/sdqc: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqc1               1        2011    16151487+  ee  GPT

Disk /dev/sdqk: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqk1               1        1942    15598527+  ee  GPT

Disk /dev/sdqg: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqg1               1        8259    66337727+  ee  GPT

Disk /dev/sdqi: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqi1               1        8259    66337727+  ee  GPT

Disk /dev/sdqh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqh1               1        2011    16151487+  ee  GPT

Disk /dev/sdqj: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqj1               1        8259    66337727+  ee  GPT

Disk /dev/sdqm: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqm1               1        2024    16253887+  ee  GPT

Disk /dev/sdqe: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqe1               1        2011    16151487+  ee  GPT

Disk /dev/sdql: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdql1               1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdqo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqo1               1        2024    16253887+  ee  GPT

Disk /dev/sdqp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqp1               1        2024    16253887+  ee  GPT

Disk /dev/sdqn: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqn1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdqq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqq1               1        2024    16253887+  ee  GPT

Disk /dev/sdqr: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqr1               1        2011    16151487+  ee  GPT

Disk /dev/sdqt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqt1               1        2011    16151487+  ee  GPT

Disk /dev/sdqs: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqs1               1        2024    16253887+  ee  GPT

Disk /dev/sdqu: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqu1               1        2024    16253887+  ee  GPT

Disk /dev/sdqw: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqw1               1        2024    16253887+  ee  GPT

Disk /dev/sdqv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqv1               1        2011    16151487+  ee  GPT

Disk /dev/sdqx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqx1               1        2011    16151487+  ee  GPT

Disk /dev/sdqy: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqy1               1        2024    16253887+  ee  GPT

Disk /dev/sdqz: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdqz1               1        2011    16151487+  ee  GPT

Disk /dev/sdra: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdra1               1        8259    66337727+  ee  GPT

Disk /dev/sdrb: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdrb1               1        2011    16151487+  ee  GPT

Disk /dev/sdrd: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdrd1               1        2011    16151487+  ee  GPT

Disk /dev/sdre: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdre1               1        1942    15598527+  ee  GPT

Disk /dev/sdrc: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdrc1               1        8259    66337727+  ee  GPT

Disk /dev/sdrg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdrg1               1        2011    16151487+  ee  GPT

Disk /dev/sdrh: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdrh1               1        2024    16253887+  ee  GPT

Disk /dev/sdrj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdrj1               1        2024    16253887+  ee  GPT

Disk /dev/sdrk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdrk1               1        2011    16151487+  ee  GPT

Disk /dev/sdri: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdri1               1        2011    16151487+  ee  GPT

Disk /dev/sdrf: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdrf1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdrm: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdrm1               1        2011    16151487+  ee  GPT

Disk /dev/sdrl: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdrl1               1        2024    16253887+  ee  GPT

Disk /dev/sdrn: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdrn1               1        2024    16253887+  ee  GPT

Disk /dev/sdro: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdro1               1        8259    66337727+  ee  GPT

Disk /dev/sdrp: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdrp1               1        2011    16151487+  ee  GPT

Disk /dev/sdrq: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdrq1               1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdrr: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdrr1               1        2011    16151487+  ee  GPT

Disk /dev/sdrs: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdrs1               1        2011    16151487+  ee  GPT

Disk /dev/sdrw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
```

```
/dev/sdrw1          1       2011    16151487+  ee  GPT

Disk /dev/sdrt: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdrt1          1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdrv: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdrv1          1        2024    16253887+  ee  GPT

Disk /dev/sdru: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdru1          1        2011    16151487+  ee  GPT

Disk /dev/sdrx: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdrx1          1        8259    66337727+  ee  GPT

Disk /dev/sdry: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdry1          1        2024    16253887+  ee  GPT

Disk /dev/sdsa: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsa1          1        2024    16253887+  ee  GPT

Disk /dev/sdrz: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdrz1          1        8259    66337727+  ee  GPT

Disk /dev/sdsd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsd1          1        2024    16253887+  ee  GPT

Disk /dev/sdsb: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsb1          1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdsc: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsc1          1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdsf: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsf1          1        2011    16151487+  ee  GPT

Disk /dev/sdsh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsh1          1        2011    16151487+  ee  GPT

Disk /dev/sdse: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdse1          1        2011    16151487+  ee  GPT

Disk /dev/sdsg: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsg1          1        2024    16253887+  ee  GPT

Disk /dev/sdsi: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsi1          1        2024    16253887+  ee  GPT

Disk /dev/sdsk: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsk1          1        2024    16253887+  ee  GPT
```

```
Disk /dev/sdsm: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsm1               1        2024    16253887+  ee  GPT

Disk /dev/sdsj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsj1               1        2011    16151487+  ee  GPT

Disk /dev/sdso: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdso1               1        2011    16151487+  ee  GPT

Disk /dev/sdsq: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsq1               1        2011    16151487+  ee  GPT

Disk /dev/sdsr: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsr1               1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdsl: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsl1               1        2011    16151487+  ee  GPT

Disk /dev/sdsn: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsn1               1        2011    16151487+  ee  GPT

Disk /dev/sdsp: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsp1               1        8259    66337727+  ee  GPT

Disk /dev/sdss: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdss1               1        2011    16151487+  ee  GPT

Disk /dev/sdsv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsv1               1        2011    16151487+  ee  GPT

Disk /dev/sdst: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdst1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdsu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsu1               1        2011    16151487+  ee  GPT

Disk /dev/sdsx: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsx1               1        8259    66337727+  ee  GPT

Disk /dev/sdsw: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsw1               1        8259    66337727+  ee  GPT

Disk /dev/sdsy: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsy1               1        1942    15598527+  ee  GPT

Disk /dev/sdta: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdta1               1        2024    16253887+  ee  GPT

Disk /dev/sdtc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdtc1               1        2024    16253887+  ee  GPT

Disk /dev/sdsz: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdsz1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdtd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdtd1               1        2024    16253887+  ee  GPT

Disk /dev/sdtb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdtb1               1        2024    16253887+  ee  GPT

Disk /dev/sdte: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdte1               1        2024    16253887+  ee  GPT

Disk /dev/sdtf: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdtf1               1        2024    16253887+  ee  GPT

Disk /dev/sdtg: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdtg1               1        2024    16253887+  ee  GPT

Disk /dev/sdth: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdth1               1        2024    16253887+  ee  GPT

Disk /dev/sdti: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdti1               1        2011    16151487+  ee  GPT

Disk /dev/sdtl: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdtl1               1        2011    16151487+  ee  GPT

Disk /dev/sdtn: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdtn1               1        2011    16151487+  ee  GPT

Disk /dev/sdtp: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdtp1               1        2011    16151487+  ee  GPT

Disk /dev/sdtm: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdtm1               1        2011    16151487+  ee  GPT

Disk /dev/sdtr: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdtr1               1        2011    16151487+  ee  GPT

Disk /dev/sdtq: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdtq1               1        2011    16151487+  ee  GPT

Disk /dev/sdto: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdto1               1        2011    16151487+  ee  GPT

Disk /dev/sdtj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdtj1               1        2011    16151487+  ee  GPT

Disk /dev/sdtk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdtk1               1        2011    16151487+  ee  GPT

Disk /dev/sdtt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdtt1               1        2011    16151487+  ee  GPT

Disk /dev/sdtw: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdtw1               1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdtu: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdtu1               1        8259    66337727+  ee  GPT

Disk /dev/sdts: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdts1               1        2011    16151487+  ee  GPT

Disk /dev/sdub: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdub1               1        2024    16253887+  ee  GPT

Disk /dev/sdtx: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdtx1               1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdud: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdud1               1        2024    16253887+  ee  GPT

Disk /dev/sdty: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdty1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdua: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdua1               1        2024    16253887+  ee  GPT

Disk /dev/sdtv: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdtv1               1        8259    66337727+  ee  GPT

Disk /dev/sdtz: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdtz1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sduf: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sduf1               1        2024    16253887+  ee  GPT

Disk /dev/sdue: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdue1               1        2024    16253887+  ee  GPT

Disk /dev/sduc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sduc1               1        2024    16253887+  ee  GPT

Disk /dev/sdug: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdug1               1        2024    16253887+  ee  GPT

Disk /dev/sduh: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sduh1               1        2024    16253887+  ee  GPT

Disk /dev/sduj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sduj1               1        2011    16151487+  ee  GPT

Disk /dev/sdui: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdui1               1        2011    16151487+  ee  GPT

Disk /dev/sdul: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdul1               1        2011    16151487+  ee  GPT

Disk /dev/sduk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sduk1               1        2011    16151487+  ee  GPT

Disk /dev/sdum: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdum1               1        2011    16151487+  ee  GPT

Disk /dev/sdun: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdun1               1        2011    16151487+  ee  GPT

Disk /dev/sdup: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdup1               1        2011    16151487+  ee  GPT

Disk /dev/sduq: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sduq1               1        2011    16151487+  ee  GPT

Disk /dev/sdur: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdur1               1        2011    16151487+  ee  GPT

Disk /dev/sduo: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sduo1               1        2011    16151487+  ee  GPT

Disk /dev/sdus: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdus1               1        2011    16151487+  ee  GPT

Disk /dev/sdut: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdut1               1        2011    16151487+  ee  GPT

Disk /dev/sduu: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sduu1               1        8259    66337727+  ee  GPT

Disk /dev/sduw: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sduw1               1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sduv: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sduv1               1        8259    66337727+  ee  GPT

Disk /dev/sdux: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdux1               1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)
```

```
Disk /dev/sduy: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sduy1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdvc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvc1               1        2024    16253887+  ee  GPT

Disk /dev/sduz: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sduz1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdva: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdva1               1        2024    16253887+  ee  GPT

Disk /dev/sdvb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvb1               1        2024    16253887+  ee  GPT

Disk /dev/sdvd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvd1               1        2024    16253887+  ee  GPT

Disk /dev/sdve: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdve1               1        2024    16253887+  ee  GPT

Disk /dev/sdvf: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvf1               1        2024    16253887+  ee  GPT

Disk /dev/sdvg: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvg1               1        2024    16253887+  ee  GPT

Disk /dev/sdvi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvi1               1        2011    16151487+  ee  GPT

Disk /dev/sdvh: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvh1               1        2024    16253887+  ee  GPT

Disk /dev/sdvj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvj1               1        2011    16151487+  ee  GPT

Disk /dev/sdvk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvk1               1        2011    16151487+  ee  GPT

Disk /dev/sdvl: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvl1               1        2011    16151487+  ee  GPT

Disk /dev/sdvm: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvm1               1        2011    16151487+  ee  GPT

Disk /dev/sdvp: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvp1               1        2011    16151487+  ee  GPT

Disk /dev/sdvn: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdvn1               1        2011    16151487+  ee  GPT

Disk /dev/sdvr: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvr1               1        2011    16151487+  ee  GPT

Disk /dev/sdvo: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvo1               1        2011    16151487+  ee  GPT

Disk /dev/sdvq: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvq1               1        2011    16151487+  ee  GPT

Disk /dev/sdvu: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvu1               1        8259    66337727+  ee  GPT

Disk /dev/sdvt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvt1               1        2011    16151487+  ee  GPT

Disk /dev/sdvy: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvy1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdvs: 24 MB, 24051712 bytes
255 heads, 63 sectors/track, 2 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvs1               1           3       23487+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(2, 235, 41)

Disk /dev/sdvw: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvw1               1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdvx: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvx1               1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdvv: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvv1               1        8259    66337727+  ee  GPT

Disk /dev/sdvz: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdvz1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdwb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwb1               1        2024    16253887+  ee  GPT

Disk /dev/sdwc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwc1               1        2024    16253887+  ee  GPT

Disk /dev/sdwa: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwa1               1        2024    16253887+  ee  GPT

Disk /dev/sdwd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwd1               1        2024    16253887+  ee  GPT
```

```
Disk /dev/sdwe: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwe1               1        2024    16253887+  ee  GPT

Disk /dev/sdwf: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwf1               1        2024    16253887+  ee  GPT

Disk /dev/sdwg: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwg1               1        2024    16253887+  ee  GPT

Disk /dev/sdwh: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwh1               1        2024    16253887+  ee  GPT

Disk /dev/sdwi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwi1               1        2011    16151487+  ee  GPT

Disk /dev/sdwj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwj1               1        2011    16151487+  ee  GPT

Disk /dev/sdwk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwk1               1        2011    16151487+  ee  GPT

Disk /dev/sdwl: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwl1               1        2011    16151487+  ee  GPT

Disk /dev/sdwm: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwm1               1        2011    16151487+  ee  GPT

Disk /dev/sdwn: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwn1               1        2011    16151487+  ee  GPT

Disk /dev/sdwo: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwo1               1        2011    16151487+  ee  GPT

Disk /dev/sdwr: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwr1               1        2011    16151487+  ee  GPT

Disk /dev/sdwq: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwq1               1        2011    16151487+  ee  GPT

Disk /dev/sdwt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwt1               1        2011    16151487+  ee  GPT

Disk /dev/sdwp: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwp1               1        2011    16151487+  ee  GPT

Disk /dev/sdws: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdws1               1        8259    66337727+  ee  GPT

Disk /dev/sdwu: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwu1               1        8259    66337727+  ee  GPT

Disk /dev/sdwv: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwv1               1        8259    66337727+  ee  GPT

Disk /dev/sdww: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdww1               1        1942    15598527+  ee  GPT

Disk /dev/sdxa: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxa1               1        2024    16253887+  ee  GPT

Disk /dev/sdxb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxb1               1        2024    16253887+  ee  GPT

Disk /dev/sdwy: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwy1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdwx: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwx1               1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdwz: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdwz1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdxc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxc1               1        2024    16253887+  ee  GPT

Disk /dev/sdxe: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxe1               1        2011    16151487+  ee  GPT

Disk /dev/sdxf: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxf1               1        2011    16151487+  ee  GPT

Disk /dev/sdxd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxd1               1        2024    16253887+  ee  GPT

Disk /dev/sdxo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxo1               1        2024    16253887+  ee  GPT

Disk /dev/sdxk: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxk1               1        8259    66337727+  ee  GPT

Disk /dev/sdxp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxp1               1        2024    16253887+  ee  GPT

Disk /dev/sdxj: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxj1               1        8259    66337727+  ee  GPT

Disk /dev/sdxn: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxn1               1        2024    16253887+  ee  GPT

Disk /dev/sdxq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdxq1               1        2024    16253887+  ee  GPT

Disk /dev/sdxg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxg1               1        2011    16151487+  ee  GPT

Disk /dev/sdxm: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxm1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdxh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxh1               1        2011    16151487+  ee  GPT

Disk /dev/sdxs: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxs1               1        2011    16151487+  ee  GPT

Disk /dev/sdxi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxi1               1        2011    16151487+  ee  GPT

Disk /dev/sdxl: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxl1               1         1942   15598527+  ee  GPT

Disk /dev/sdxr: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxr1               1        2011    16151487+  ee  GPT

Disk /dev/sdya: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdya1               1        2024    16253887+  ee  GPT

Disk /dev/sdxw: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxw1               1         8259   66337727+  ee  GPT

Disk /dev/sdxt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxt1               1        2011    16151487+  ee  GPT

Disk /dev/sdyc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyc1               1        2024    16253887+  ee  GPT

Disk /dev/sdxu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxu1               1        2011    16151487+  ee  GPT

Disk /dev/sdxz: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxz1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdyb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyb1               1        2024    16253887+  ee  GPT

Disk /dev/sdyd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyd1               1        2024    16253887+  ee  GPT

Disk /dev/sdxv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxv1               1        2011    16151487+  ee  GPT

Disk /dev/sdxy: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxy1               1        1942    15598527+  ee  GPT

Disk /dev/sdxx: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdxx1               1        8259    66337727+  ee  GPT

Disk /dev/sdye: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdye1               1        2011    16151487+  ee  GPT

Disk /dev/sdyf: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyf1               1        2011    16151487+  ee  GPT

Disk /dev/sdyk: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyk1               1        8259    66337727+  ee  GPT

Disk /dev/sdyg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyg1               1        2011    16151487+  ee  GPT

Disk /dev/sdyj: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyj1               1        8259    66337727+  ee  GPT

Disk /dev/sdyl: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyl1               1        1942    15598527+  ee  GPT

Disk /dev/sdyi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyi1               1        2011    16151487+  ee  GPT

Disk /dev/sdyn: 1680 MB, 1680801792 bytes
255 heads, 63 sectors/track, 204 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0xfedd0850

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyn1               1         205     1641407+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(204, 88, 12)

Disk /dev/sdyo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyo1               1        2024    16253887+  ee  GPT

Disk /dev/sdyh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyh1               1        2011    16151487+  ee  GPT

Disk /dev/sdym: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdym1               1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdyp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyp1               1        2024    16253887+  ee  GPT

Disk /dev/sdyq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyq1               1        2024    16253887+  ee  GPT

Disk /dev/sdyr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyr1               1        2024    16253887+  ee  GPT

Disk /dev/sdys: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
```

```
/dev/sdys1              1        2011    16151487+  ee  GPT

Disk /dev/sdyt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyt1              1        2011    16151487+  ee  GPT

Disk /dev/sdyu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyu1              1        2011    16151487+  ee  GPT

Disk /dev/sdyv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyv1              1        2011    16151487+  ee  GPT

Disk /dev/sdyw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyw1              1        2011    16151487+  ee  GPT

Disk /dev/sdzb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzb1              1        2024    16253887+  ee  GPT

Disk /dev/sdyy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyy1              1        8259    66337727+  ee  GPT

Disk /dev/sdyx: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyx1              1        8259    66337727+  ee  GPT

Disk /dev/sdyz: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdyz1              1        1942    15598527+  ee  GPT

Disk /dev/sdzc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzc1              1        2024    16253887+  ee  GPT

Disk /dev/sdza: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdza1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdzd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzd1              1        2024    16253887+  ee  GPT

Disk /dev/sdze: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdze1              1        2024    16253887+  ee  GPT

Disk /dev/sdzg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzg1              1        2011    16151487+  ee  GPT

Disk /dev/sdzf: 16.7 GB, 16664952832 bytes
255 heads, 63 sectors/track, 2026 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzf1              1        2027    16274367+  ee  GPT

Disk /dev/sdzh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzh1              1        2011    16151487+  ee  GPT

Disk /dev/sdzl: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzl1              1        8259    66337727+  ee  GPT

Disk /dev/sdzi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
```

```
/dev/sdzi1          1       2011   16151487+  ee  GPT

Disk /dev/sdzj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzj1          1       2011   16151487+  ee  GPT

Disk /dev/sdzr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzr1          1       2024   16253887+  ee  GPT

Disk /dev/sdzk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzk1          1       2011   16151487+  ee  GPT

Disk /dev/sdzm: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzm1          1       8259   66337727+  ee  GPT

Disk /dev/sdzp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzp1          1       2024   16253887+  ee  GPT

Disk /dev/sdzn: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzn1          1       1942   15598527+  ee  GPT

Disk /dev/sdzo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzo1          1       2024   16253887+  ee  GPT

Disk /dev/sdzs: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzs1          1       1529   12280767+  ee  GPT

Disk /dev/sdzq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzq1          1       2024   16253887+  ee  GPT

Disk /dev/sdzt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzt1          1       2011   16151487+  ee  GPT

Disk /dev/sdzu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzu1          1       2011   16151487+  ee  GPT

Disk /dev/sdzx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzx1          1       2011   16151487+  ee  GPT

Disk /dev/sdzw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzw1          1       2011   16151487+  ee  GPT

Disk /dev/sdzy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzy1          1       8259   66337727+  ee  GPT

Disk /dev/sdaac: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaac1         1       2024   16253887+  ee  GPT

Disk /dev/sdaad: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaad1         1       2024   16253887+  ee  GPT

Disk /dev/sdzv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzv1          1       2011   16151487+  ee  GPT

Disk /dev/sdaab: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaab1              1        2024    16253887+  ee  GPT

Disk /dev/sdaae: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaae1              1        2024    16253887+  ee  GPT

Disk /dev/sdaaa: 1953 MB, 1953431552 bytes
255 heads, 63 sectors/track, 237 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaaa1              1         238     1907647+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(237, 125, 16)

Disk /dev/sdzz: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdzz1               1        8259    66337727+  ee  GPT

Disk /dev/sdaag: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaag1              1        2011    16151487+  ee  GPT

Disk /dev/sdaaf: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaaf1              1        1529    12280767+  ee  GPT

Disk /dev/sdaah: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaah1              1        2011    16151487+  ee  GPT

Disk /dev/sdaai: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaai1              1        2011    16151487+  ee  GPT

Disk /dev/sdaak: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaak1              1        2011    16151487+  ee  GPT

Disk /dev/sdaal: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaal1              1        8259    66337727+  ee  GPT

Disk /dev/sdaam: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaam1              1        8259    66337727+  ee  GPT

Disk /dev/sdaaj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaaj1              1        2011    16151487+  ee  GPT

Disk /dev/sdaan: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaan1              1        1942    15598527+  ee  GPT

Disk /dev/sdaap: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaap1              1        2024    16253887+  ee  GPT

Disk /dev/sdaao: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaao1              1        2024    16253887+  ee  GPT

Disk /dev/sdaas: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaas1              1        1529    12280767+  ee  GPT

Disk /dev/sdaaq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaaq1              1        2024    16253887+  ee  GPT

Disk /dev/sdaar: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaar1              1        2024    16253887+  ee  GPT

Disk /dev/sdaat: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaat1              1        2011    16151487+  ee  GPT

Disk /dev/sdaau: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaau1              1        2011    16151487+  ee  GPT

Disk /dev/sdabb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabb1              1        2024    16253887+  ee  GPT

Disk /dev/sdaaw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaaw1              1        2011    16151487+  ee  GPT

Disk /dev/sdabe: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabe1              1        2024    16253887+  ee  GPT

Disk /dev/sdaay: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaay1              1        8259    66337727+  ee  GPT

Disk /dev/sdabf: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabf1              1        1529    12280767+  ee  GPT

Disk /dev/sdaav: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaav1              1        2011    16151487+  ee  GPT

Disk /dev/sdabd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabd1              1        2024    16253887+  ee  GPT

Disk /dev/sdabc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabc1              1        2024    16253887+  ee  GPT

Disk /dev/sdaax: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaax1              1        2011    16151487+  ee  GPT

Disk /dev/sdaaz: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaaz1              1        8259    66337727+  ee  GPT

Disk /dev/sdaba: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaba1              1        1942    15598527+  ee  GPT

Disk /dev/sdabg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabg1              1        2011    16151487+  ee  GPT

Disk /dev/sdabj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0xfedd0850

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabj1              1        2024    16253887+  ee  GPT

Disk /dev/sdabk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabk1              1        2011    16151487+  ee  GPT

Disk /dev/sdabi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdabi1              1        2011    16151487+  ee  GPT

Disk /dev/sdabl: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabl1              1        2024    16253887+  ee  GPT

Disk /dev/sdabn: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabn1              1        2024    16253887+  ee  GPT

Disk /dev/sdabm: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabm1              1        2011    16151487+  ee  GPT

Disk /dev/sdabh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabh1              1        2011    16151487+  ee  GPT

Disk /dev/sdabo: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabo1              1        8259    66337727+  ee  GPT

Disk /dev/sdabp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabp1              1        2024    16253887+  ee  GPT

Disk /dev/sdabq: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabq1              1        8259    66337727+  ee  GPT

Disk /dev/sdabr: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabr1              1        1529    12280767+  ee  GPT

Disk /dev/sdabs: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabs1              1        2011    16151487+  ee  GPT

Disk /dev/sdabt: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabt1              1        2608    20943807+  ee  GPT

Disk /dev/sdabu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabu1              1        2011    16151487+  ee  GPT

Disk /dev/sdabw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabw1              1        2011    16151487+  ee  GPT

Disk /dev/sdabv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabv1              1        2011    16151487+  ee  GPT

Disk /dev/sdabx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabx1              1        2011    16151487+  ee  GPT

Disk /dev/sdacb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdacb1              1        2024    16253887+  ee  GPT

Disk /dev/sdaby: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaby1              1        8259    66337727+  ee  GPT

Disk /dev/sdacc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdacc1              1        2024    16253887+  ee  GPT
```

```
Disk /dev/sdaca: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaca1              1        2608    20943807+  ee  GPT

Disk /dev/sdabz: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdabz1              1        8259    66337727+  ee  GPT

Disk /dev/sdacd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdacd1              1        2024    16253887+  ee  GPT

Disk /dev/sdace: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdace1              1        2024    16253887+  ee  GPT

Disk /dev/sdacf: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdacf1              1        2024    16253887+  ee  GPT

Disk /dev/sdacg: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdacg1              1        2024    16253887+  ee  GPT

Disk /dev/sdach: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdach1              1        2024    16253887+  ee  GPT

Disk /dev/sdaci: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaci1              1        2024    16253887+  ee  GPT

Disk /dev/sdacj: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdacj1              1        1529    12280767+  ee  GPT

Disk /dev/sdacl: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdacl1              1        1529    12280767+  ee  GPT

Disk /dev/sdacm: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdacm1              1        2011    16151487+  ee  GPT

Disk /dev/sdack: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdack1              1        2011    16151487+  ee  GPT

Disk /dev/sdacn: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdacn1              1        2011    16151487+  ee  GPT

Disk /dev/sdaco: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaco1              1        2011    16151487+  ee  GPT

Disk /dev/sdacp: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdacp1              1        2011    16151487+  ee  GPT

Disk /dev/sdacq: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdacq1              1        2011    16151487+  ee  GPT

Disk /dev/sdacr: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdacr1              1        2011    16151487+  ee  GPT

Disk /dev/sdacs: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdacs1              1        2011    16151487+  ee  GPT

Disk /dev/sdact: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdact1              1        2011    16151487+  ee  GPT

Disk /dev/sdacv: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdacv1              1        8259    66337727+  ee  GPT

Disk /dev/sdacw: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdacw1              1        8259    66337727+  ee  GPT

Disk /dev/sdacy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdacy1              1        8259    66337727+  ee  GPT

Disk /dev/sdacu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdacu1              1        2011    16151487+  ee  GPT

Disk /dev/sdacx: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdacx1              1        8259    66337727+  ee  GPT

Disk /dev/sdacz: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdacz1              1        2608    20943807+  ee  GPT

Disk /dev/sdada: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdada1              1        2608    20943807+  ee  GPT

Disk /dev/sdadb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadb1              1        2024    16253887+  ee  GPT

Disk /dev/sdadc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadc1              1        2024    16253887+  ee  GPT

Disk /dev/sdadd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadd1              1        2024    16253887+  ee  GPT

Disk /dev/sdadf: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadf1              1        2024    16253887+  ee  GPT

Disk /dev/sdade: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdade1              1        2024    16253887+  ee  GPT

Disk /dev/sdadg: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadg1              1        2024    16253887+  ee  GPT

Disk /dev/sdadh: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadh1              1        1529    12280767+  ee  GPT

Disk /dev/sdadi: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadi1              1        2024    16253887+  ee  GPT

Disk /dev/sdadj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
```

```
/dev/sdadj1          1      2011   16151487+  ee  GPT

Disk /dev/sdadl: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadl1          1      2024   16253887+  ee  GPT

Disk /dev/sdadn: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadn1          1      1529   12280767+  ee  GPT

Disk /dev/sdadk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadk1          1      2011   16151487+  ee  GPT

Disk /dev/sdadm: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadm1          1      2011   16151487+  ee  GPT

Disk /dev/sdado: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdado1          1      2011   16151487+  ee  GPT

Disk /dev/sdadp: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadp1          1      2011   16151487+  ee  GPT

Disk /dev/sdadr: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadr1          1      2011   16151487+  ee  GPT

Disk /dev/sdadq: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadq1          1      2011   16151487+  ee  GPT

Disk /dev/sdadt: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadt1          1      8259   66337727+  ee  GPT

Disk /dev/sdads: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdads1          1      2011   16151487+  ee  GPT

Disk /dev/sdadu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadu1          1      2011   16151487+  ee  GPT

Disk /dev/sdadv: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadv1          1      8259   66337727+  ee  GPT

Disk /dev/sdadw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadw1          1      2011   16151487+  ee  GPT

Disk /dev/sdadx: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadx1          1      2608   20943807+  ee  GPT

Disk /dev/sdadz: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdadz1          1      8259   66337727+  ee  GPT

Disk /dev/sdady: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdady1          1      8259   66337727+  ee  GPT

Disk /dev/sdaeb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaeb1          1      2024   16253887+  ee  GPT

Disk /dev/sdaea: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaea1              1        2608    20943807+  ee  GPT

Disk /dev/sdaed: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaed1              1        2024    16253887+  ee  GPT

Disk /dev/sdaee: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaee1              1        2024    16253887+  ee  GPT

Disk /dev/sdaec: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaec1              1        2024    16253887+  ee  GPT

Disk /dev/sdaef: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaef1              1        2024    16253887+  ee  GPT

Disk /dev/sdaeg: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaeg1              1        1529    12280767+  ee  GPT

Disk /dev/sdaeh: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaeh1              1        2024    16253887+  ee  GPT

Disk /dev/sdaej: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaej1              1        2024    16253887+  ee  GPT

Disk /dev/sdaei: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaei1              1        2011    16151487+  ee  GPT

Disk /dev/sdaek: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaek1              1        2011    16151487+  ee  GPT

Disk /dev/sdaem: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaem1              1        2024    16253887+  ee  GPT

Disk /dev/sdaen: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaen1              1        1529    12280767+  ee  GPT

Disk /dev/sdael: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdael1              1        2011    16151487+  ee  GPT

Disk /dev/sdaeo: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaeo1              1        2011    16151487+  ee  GPT

Disk /dev/sdaep: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaep1              1        2011    16151487+  ee  GPT

Disk /dev/sdaeq: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaeq1              1        2011    16151487+  ee  GPT

Disk /dev/sdaer: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaer1              1        8259    66337727+  ee  GPT

Disk /dev/sdaet: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdaet1              1        8259    66337727+  ee  GPT

Disk /dev/sdaeu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaeu1              1        2011    16151487+  ee  GPT

Disk /dev/sdaes: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaes1              1        2011    16151487+  ee  GPT

Disk /dev/sdaew: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaew1              1        2011    16151487+  ee  GPT

Disk /dev/sdaey: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaey1              1        8259    66337727+  ee  GPT

Disk /dev/sdaev: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaev1              1        2608    20943807+  ee  GPT

Disk /dev/sdaex: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaex1              1        2011    16151487+  ee  GPT

Disk /dev/sdaez: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaez1              1        2024    16253887+  ee  GPT

Disk /dev/sdafb: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafb1              1        2608    20943807+  ee  GPT

Disk /dev/sdafd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafd1              1        2024    16253887+  ee  GPT

Disk /dev/sdafe: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafe1              1        2024    16253887+  ee  GPT

Disk /dev/sdafc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafc1              1        2024    16253887+  ee  GPT

Disk /dev/sdafa: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafa1              1        8259    66337727+  ee  GPT

Disk /dev/sdafh: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafh1              1        2024    16253887+  ee  GPT

Disk /dev/sdafg: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafg1              1        2024    16253887+  ee  GPT

Disk /dev/sdafi: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafi1              1        2024    16253887+  ee  GPT

Disk /dev/sdaff: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaff1              1        2024    16253887+  ee  GPT

Disk /dev/sdafj: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafj1              1        1529    12280767+  ee  GPT
```

```
Disk /dev/sdafn: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafn1              1        2011    16151487+  ee  GPT

Disk /dev/sdafm: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafm1              1        2011    16151487+  ee  GPT

Disk /dev/sdafp: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafp1              1        2011    16151487+  ee  GPT

Disk /dev/sdafo: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafo1              1        2011    16151487+  ee  GPT

Disk /dev/sdafk: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafk1              1        1529    12280767+  ee  GPT

Disk /dev/sdafl: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafl1              1        2011    16151487+  ee  GPT

Disk /dev/sdaft: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaft1              1        2011    16151487+  ee  GPT

Disk /dev/sdafr: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafr1              1        2011    16151487+  ee  GPT

Disk /dev/sdafv: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafv1              1        8259    66337727+  ee  GPT

Disk /dev/sdafs: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafs1              1        2011    16151487+  ee  GPT

Disk /dev/sdafu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafu1              1        2011    16151487+  ee  GPT

Disk /dev/sdafq: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafq1              1        2011    16151487+  ee  GPT

Disk /dev/sdafw: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafw1              1        8259    66337727+  ee  GPT

Disk /dev/sdafx: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafx1              1        8259    66337727+  ee  GPT

Disk /dev/sdafy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafy1              1        8259    66337727+  ee  GPT

Disk /dev/sdagb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagb1              1        2024    16253887+  ee  GPT

Disk /dev/sdafz: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdafz1              1        2608    20943807+  ee  GPT

Disk /dev/sdagc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagc1              1        2024    16253887+  ee  GPT

Disk /dev/sdaga: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaga1              1        2608    20943807+  ee  GPT

Disk /dev/sdage: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdage1              1        2024    16253887+  ee  GPT

Disk /dev/sdagd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagd1              1        2024    16253887+  ee  GPT

Disk /dev/sdagf: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagf1              1        1529    12280767+  ee  GPT

Disk /dev/sdagh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagh1              1        2011    16151487+  ee  GPT

Disk /dev/sdagg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagg1              1        2011    16151487+  ee  GPT

Disk /dev/sdagl: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagl1              1        8259    66337727+  ee  GPT

Disk /dev/sdagj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagj1              1        2011    16151487+  ee  GPT

Disk /dev/sdagk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagk1              1        2011    16151487+  ee  GPT

Disk /dev/sdagi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagi1              1        2011    16151487+  ee  GPT

Disk /dev/sdagm: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagm1              1        8259    66337727+  ee  GPT

Disk /dev/sdagn: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagn1              1        2608    20943807+  ee  GPT

Disk /dev/sdagp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagp1              1        2024    16253887+  ee  GPT

Disk /dev/sdago: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdago1              1        2024    16253887+  ee  GPT

Disk /dev/sdagr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagr1              1        2024    16253887+  ee  GPT

Disk /dev/sdagq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagq1              1        2024    16253887+  ee  GPT

Disk /dev/sdags: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
```

```
/dev/sdags1          1      1529   12280767+  ee  GPT

Disk /dev/sdagt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagt1          1        2011    16151487+  ee  GPT

Disk /dev/sdagu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagu1          1        2011    16151487+  ee  GPT

Disk /dev/sdagy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagy1          1        8259    66337727+  ee  GPT

Disk /dev/sdagw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagw1          1        2011    16151487+  ee  GPT

Disk /dev/sdagx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagx1          1        2011    16151487+  ee  GPT

Disk /dev/sdahb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahb1          1        2024    16253887+  ee  GPT

Disk /dev/sdagz: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagz1          1        8259    66337727+  ee  GPT

Disk /dev/sdaha: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaha1          1        2608    20943807+  ee  GPT

Disk /dev/sdagv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdagv1          1        2011    16151487+  ee  GPT

Disk /dev/sdahc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahc1          1        2024    16253887+  ee  GPT

Disk /dev/sdahd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahd1          1        2024    16253887+  ee  GPT

Disk /dev/sdahe: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahe1          1        2024    16253887+  ee  GPT

Disk /dev/sdahg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahg1          1        2011    16151487+  ee  GPT

Disk /dev/sdahf: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahf1          1        1529    12280767+  ee  GPT

Disk /dev/sdahh: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahh1          1        2024    16253887+  ee  GPT

Disk /dev/sdahi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahi1          1        2011    16151487+  ee  GPT

Disk /dev/sdahj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahj1          1        2024    16253887+  ee  GPT

Disk /dev/sdahl: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahl1              1        2024    16253887+  ee  GPT

Disk /dev/sdahk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahk1              1        2011    16151487+  ee  GPT

Disk /dev/sdahn: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahn1              1        2024    16253887+  ee  GPT

Disk /dev/sdahm: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahm1              1        2011    16151487+  ee  GPT

Disk /dev/sdaho: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaho1              1        2011    16151487+  ee  GPT

Disk /dev/sdahr: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahr1              1        2011    16151487+  ee  GPT

Disk /dev/sdahs: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahs1              1        8259    66337727+  ee  GPT

Disk /dev/sdaht: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaht1              1        2011    16151487+  ee  GPT

Disk /dev/sdahq: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahq1              1        8259    66337727+  ee  GPT

Disk /dev/sdahp: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahp1              1        1529    12280767+  ee  GPT

Disk /dev/sdahw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahw1              1        2011    16151487+  ee  GPT

Disk /dev/sdahx: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahx1              1        2024    16253887+  ee  GPT

Disk /dev/sdahv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahv1              1        2011    16151487+  ee  GPT

Disk /dev/sdahu: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahu1              1        2608    20943807+  ee  GPT

Disk /dev/sdaib: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaib1              1        2024    16253887+  ee  GPT

Disk /dev/sdahz: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdahz1              1        2024    16253887+  ee  GPT

Disk /dev/sdaia: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaia1              1        8259    66337727+  ee  GPT

Disk /dev/sdahy: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdahy1              1        2011    16151487+  ee  GPT

Disk /dev/sdaic: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaic1              1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdaid: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaid1              1        2024    16253887+  ee  GPT

Disk /dev/sdaif: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaif1              1        1529    12280767+  ee  GPT

Disk /dev/sdaie: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaie1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdaig: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaig1              1        2011    16151487+  ee  GPT

Disk /dev/sdaih: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaih1              1        2011    16151487+  ee  GPT

Disk /dev/sdaii: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaii1              1        2011    16151487+  ee  GPT

Disk /dev/sdaik: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaik1              1        2011    16151487+  ee  GPT

Disk /dev/sdaij: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaij1              1        2011    16151487+  ee  GPT

Disk /dev/sdaiq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaiq1              1        2024    16253887+  ee  GPT

Disk /dev/sdaio: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaio1              1        2024    16253887+  ee  GPT

Disk /dev/sdaip: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaip1              1        2024    16253887+  ee  GPT

Disk /dev/sdain: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdain1              1        2608    20943807+  ee  GPT

Disk /dev/sdail: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdail1              1        8259    66337727+  ee  GPT

Disk /dev/sdaim: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaim1              1        8259    66337727+  ee  GPT

Disk /dev/sdair: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdair1              1        2024    16253887+  ee  GPT

Disk /dev/sdais: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdais1              1        1529    12280767+  ee  GPT

Disk /dev/sdaiv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaiv1              1        2011    16151487+  ee  GPT

Disk /dev/sdaiu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaiu1              1        2011    16151487+  ee  GPT

Disk /dev/sdaiy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaiy1              1        8259    66337727+  ee  GPT

Disk /dev/sdajb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajb1              1        2024    16253887+  ee  GPT

Disk /dev/sdaiw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaiw1              1        2011    16151487+  ee  GPT

Disk /dev/sdaja: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaja1              1        2608    20943807+  ee  GPT

Disk /dev/sdaix: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaix1              1        2011    16151487+  ee  GPT

Disk /dev/sdait: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdait1              1        2011    16151487+  ee  GPT

Disk /dev/sdajc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajc1              1        2024    16253887+  ee  GPT

Disk /dev/sdaiz: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaiz1              1        8259    66337727+  ee  GPT

Disk /dev/sdajd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajd1              1        2024    16253887+  ee  GPT

Disk /dev/sdaje: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaje1              1        2024    16253887+  ee  GPT

Disk /dev/sdajg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajg1              1        2011    16151487+  ee  GPT

Disk /dev/sdajf: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajf1              1        1529    12280767+  ee  GPT

Disk /dev/sdaji: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaji1              1        2011    16151487+  ee  GPT

Disk /dev/sdajh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajh1              1        2011    16151487+  ee  GPT

Disk /dev/sdajj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdajj1              1        2011    16151487+  ee  GPT

Disk /dev/sdajl: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajl1              1        8259    66337727+  ee  GPT

Disk /dev/sdajk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajk1              1        2011    16151487+  ee  GPT

Disk /dev/sdajm: 495 MB, 495910912 bytes
255 heads, 63 sectors/track, 60 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajm1              1          61     484287+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(60, 74, 14)

Disk /dev/sdajo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajo1              1        2024    16253887+  ee  GPT

Disk /dev/sdajq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajq1              1        2024    16253887+  ee  GPT

Disk /dev/sdajp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajp1              1        2024    16253887+  ee  GPT

Disk /dev/sdajn: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajn1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdajr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajr1              1        2024    16253887+  ee  GPT

Disk /dev/sdajs: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajs1              1        1529    12280767+  ee  GPT

Disk /dev/sdaju: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaju1              1        2011    16151487+  ee  GPT

Disk /dev/sdajw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajw1              1        2011    16151487+  ee  GPT

Disk /dev/sdajv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajv1              1        2011    16151487+  ee  GPT

Disk /dev/sdajt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajt1              1        2011    16151487+  ee  GPT

Disk /dev/sdajy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajy1              1        8259    66337727+  ee  GPT

Disk /dev/sdajx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajx1              1        2011    16151487+  ee  GPT

Disk /dev/sdakb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdakb1              1        2024    16253887+  ee  GPT

Disk /dev/sdajz: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdajz1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdaka: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaka1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdakc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdakc1              1        2024    16253887+  ee  GPT

Disk /dev/sdake: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdake1              1        2024    16253887+  ee  GPT

Disk /dev/sdakf: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdakf1              1        1529    12280767+  ee  GPT

Disk /dev/sdakd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdakd1              1        2024    16253887+  ee  GPT

Disk /dev/sdakg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdakg1              1        2011    16151487+  ee  GPT

Disk /dev/sdakh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdakh1              1        2011    16151487+  ee  GPT

Disk /dev/sdakl: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdakl1              1        8259    66337727+  ee  GPT

Disk /dev/sdako: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdako1              1        2024    16253887+  ee  GPT

Disk /dev/sdaki: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaki1              1        2011    16151487+  ee  GPT

Disk /dev/sdakn: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdakn1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdakm: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdakm1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdakk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdakk1              1        2011    16151487+  ee  GPT

Disk /dev/sdakr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdakr1              1        2024    16253887+  ee  GPT

Disk /dev/sdakp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdakp1              1        2024    16253887+  ee  GPT
```

```
Disk /dev/sdakj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdakj1              1        2011    16151487+  ee  GPT

Disk /dev/sdakq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdakq1              1        2024    16253887+  ee  GPT

Disk /dev/sdaky: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaky1              1        8259    66337727+  ee  GPT

Disk /dev/sdakz: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdakz1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdaks: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaks1              1        1529    12280767+  ee  GPT

Disk /dev/sdala: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdala1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdakv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdakv1              1        2011    16151487+  ee  GPT

Disk /dev/sdaku: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaku1              1        2011    16151487+  ee  GPT

Disk /dev/sdakx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdakx1              1        2011    16151487+  ee  GPT

Disk /dev/sdakw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdakw1              1        2011    16151487+  ee  GPT

Disk /dev/sdald: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdald1              1        2024    16253887+  ee  GPT

Disk /dev/sdalb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdalb1              1        2024    16253887+  ee  GPT

Disk /dev/sdalc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdalc1              1        2024    16253887+  ee  GPT

Disk /dev/sdakt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdakt1              1        2011    16151487+  ee  GPT

Disk /dev/sdale: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdale1              1        2024    16253887+  ee  GPT

Disk /dev/sdalf: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdalf1              1        1529    12280767+  ee  GPT

Disk /dev/sdalh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
    Device Boot      Start         End      Blocks   Id  System
/dev/sdalh1              1        2011    16151487+  ee  GPT

Disk /dev/sdalg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdalg1              1        2011    16151487+  ee  GPT

Disk /dev/sdali: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdali1              1        2011    16151487+  ee  GPT

Disk /dev/sdalj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdalj1              1        2011    16151487+  ee  GPT

Disk /dev/sdalk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdalk1              1        2011    16151487+  ee  GPT

Disk /dev/sdaln: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaln1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdalp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdalp1              1        2024    16253887+  ee  GPT

Disk /dev/sdall: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdall1              1        8259    66337727+  ee  GPT

Disk /dev/sdalo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdalo1              1        2024    16253887+  ee  GPT

Disk /dev/sdalm: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdalm1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdalq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdalq1              1        2024    16253887+  ee  GPT

Disk /dev/sdalr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdalr1              1        2024    16253887+  ee  GPT

Disk /dev/sdals: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdals1              1        1529    12280767+  ee  GPT

Disk /dev/sdalu: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdalu1              1        2024    16253887+  ee  GPT

Disk /dev/sdalt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdalt1              1        2011    16151487+  ee  GPT

Disk /dev/sdalz: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdalz1              1        2024    16253887+  ee  GPT

Disk /dev/sdaly: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaly1              1        2011    16151487+  ee  GPT

Disk /dev/sdalx: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdalx1             1        2024    16253887+  ee  GPT

Disk /dev/sdalv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdalv1             1        2011    16151487+  ee  GPT

Disk /dev/sdama: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdama1             1        2011    16151487+  ee  GPT

Disk /dev/sdalw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdalw1             1        2011    16151487+  ee  GPT

Disk /dev/sdamb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamb1             1        2024    16253887+  ee  GPT

Disk /dev/sdamc: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamc1             1        8259    66337727+  ee  GPT

Disk /dev/sdamd: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamd1             1        1529    12280767+  ee  GPT

Disk /dev/sdamg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamg1             1        2011    16151487+  ee  GPT

Disk /dev/sdamh: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamh1             1        2024    16253887+  ee  GPT

Disk /dev/sdamj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamj1             1        2024    16253887+  ee  GPT

Disk /dev/sdamf: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamf1             1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdaml: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaml1             1        2024    16253887+  ee  GPT

Disk /dev/sdame: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdame1             1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdami: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdami1             1        2011    16151487+  ee  GPT

Disk /dev/sdamm: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamm1             1        2011    16151487+  ee  GPT

Disk /dev/sdamk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamk1             1        2011    16151487+  ee  GPT

Disk /dev/sdamn: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
```

```
/dev/sdamn1             1       2024    16253887+  ee  GPT

Disk /dev/sdamo: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamo1             1       2011    16151487+  ee  GPT

Disk /dev/sdamr: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamr1             1        935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdams: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdams1             1       2011    16151487+  ee  GPT

Disk /dev/sdamp: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamp1             1       8259    66337727+  ee  GPT

Disk /dev/sdamq: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamq1             1       1529    12280767+  ee  GPT

Disk /dev/sdamt: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamt1             1        997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdamx: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamx1             1       2024    16253887+  ee  GPT

Disk /dev/sdamu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamu1             1       2011    16151487+  ee  GPT

Disk /dev/sdamv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamv1             1       2011    16151487+  ee  GPT

Disk /dev/sdanb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdanb1             1       2024    16253887+  ee  GPT

Disk /dev/sdand: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdand1             1       2024    16253887+  ee  GPT

Disk /dev/sdamy: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamy1             1       2011    16151487+  ee  GPT

Disk /dev/sdamz: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamz1             1       8259    66337727+  ee  GPT

Disk /dev/sdana: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdana1             1        406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdamw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdamw1             1       2011    16151487+  ee  GPT

Disk /dev/sdane: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdane1             1       2024    16253887+  ee  GPT
```

```
Disk /dev/sdanf: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdanf1              1        1529    12280767+  ee  GPT

Disk /dev/sdanc: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdanc1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdang: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdang1              1        2011    16151487+  ee  GPT

Disk /dev/sdanj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdanj1              1        2011    16151487+  ee  GPT

Disk /dev/sdani: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdani1              1        2011    16151487+  ee  GPT

Disk /dev/sdank: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdank1              1        2024    16253887+  ee  GPT

Disk /dev/sdanh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdanh1              1        2011    16151487+  ee  GPT

Disk /dev/sdanr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdanr1              1        2024    16253887+  ee  GPT

Disk /dev/sdanm: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdanm1              1        8259    66337727+  ee  GPT

Disk /dev/sdanp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdanp1              1        2024    16253887+  ee  GPT

Disk /dev/sdant: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdant1              1        1529    12280767+  ee  GPT

Disk /dev/sdanq: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdanq1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdanl: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdanl1              1        2011    16151487+  ee  GPT

Disk /dev/sdano: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdano1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdans: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdans1              1        2024    16253887+  ee  GPT

Disk /dev/sdann: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdann1              1        2024    16253887+  ee  GPT

Disk /dev/sdanu: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdanu1             1        2024    16253887+  ee  GPT

Disk /dev/sdanv: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdanv1             1        2024    16253887+  ee  GPT

Disk /dev/sdanx: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdanx1             1        2024    16253887+  ee  GPT

Disk /dev/sdaoa: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaoa1             1        2024    16253887+  ee  GPT

Disk /dev/sdanw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdanw1             1        2011    16151487+  ee  GPT

Disk /dev/sdany: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdany1             1        2011    16151487+  ee  GPT

Disk /dev/sdaod: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaod1             1        2024    16253887+  ee  GPT

Disk /dev/sdanz: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdanz1             1        1529    12280767+  ee  GPT

Disk /dev/sdaoc: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaoc1             1        2011    16151487+  ee  GPT

Disk /dev/sdaob: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaob1             1        2011    16151487+  ee  GPT

Disk /dev/sdaof: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaof1             1        2024    16253887+  ee  GPT

Disk /dev/sdaog: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaog1             1        2011    16151487+  ee  GPT

Disk /dev/sdaoe: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaoe1             1        2011    16151487+  ee  GPT

Disk /dev/sdaoh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaoh1             1        2011    16151487+  ee  GPT

Disk /dev/sdaoj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaoj1             1        2024    16253887+  ee  GPT

Disk /dev/sdaoi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaoi1             1        2011    16151487+  ee  GPT

Disk /dev/sdaon: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaon1             1        1529    12280767+  ee  GPT

Disk /dev/sdaol: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
    Device Boot      Start         End      Blocks   Id  System
/dev/sdaol1              1        2011    16151487+  ee  GPT

Disk /dev/sdaoq: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaoq1              1        2011    16151487+  ee  GPT

Disk /dev/sdaop: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaop1              1        2011    16151487+  ee  GPT

Disk /dev/sdaok: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaok1              1        8259    66337727+  ee  GPT

Disk /dev/sdaos: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaos1              1        2011    16151487+  ee  GPT

Disk /dev/sdaoo: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaoo1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdaor: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaor1              1        8259    66337727+  ee  GPT

Disk /dev/sdaot: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaot1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdaom: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaom1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdaou: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaou1              1        2011    16151487+  ee  GPT

Disk /dev/sdaow: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaow1              1        2011    16151487+  ee  GPT

Disk /dev/sdaov: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaov1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdaoy: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaoy1              1        2011    16151487+  ee  GPT

Disk /dev/sdaoz: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaoz1              1        2024    16253887+  ee  GPT

Disk /dev/sdaox: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaox1              1        2024    16253887+  ee  GPT

Disk /dev/sdapa: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdapa1              1        8259    66337727+  ee  GPT

Disk /dev/sdapc: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapc1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdapb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapb1              1        2024    16253887+  ee  GPT

Disk /dev/sdapd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapd1              1        2024    16253887+  ee  GPT

Disk /dev/sdape: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdape1              1        2024    16253887+  ee  GPT

Disk /dev/sdapg: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapg1              1        2024    16253887+  ee  GPT

Disk /dev/sdaph: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaph1              1        2024    16253887+  ee  GPT

Disk /dev/sdapf: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapf1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdapj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapj1              1        2024    16253887+  ee  GPT

Disk /dev/sdapi: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapi1              1        1529    12280767+  ee  GPT

Disk /dev/sdapl: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapl1              1        2011    16151487+  ee  GPT

Disk /dev/sdapk: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapk1              1        2024    16253887+  ee  GPT

Disk /dev/sdapm: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapm1              1        1529    12280767+  ee  GPT

Disk /dev/sdapn: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapn1              1        2011    16151487+  ee  GPT

Disk /dev/sdapo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapo1              1        2024    16253887+  ee  GPT

Disk /dev/sdapp: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapp1              1        2011    16151487+  ee  GPT

Disk /dev/sdapq: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapq1              1        2011    16151487+  ee  GPT

Disk /dev/sdaps: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaps1              1        2011    16151487+  ee  GPT
```

```
Disk /dev/sdapr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapr1              1        2024    16253887+  ee  GPT

Disk /dev/sdapu: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapu1              1        2024    16253887+  ee  GPT

Disk /dev/sdapt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapt1              1        2011    16151487+  ee  GPT

Disk /dev/sdapv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapv1              1        2011    16151487+  ee  GPT

Disk /dev/sdapx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapx1              1        2011    16151487+  ee  GPT

Disk /dev/sdapw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapw1              1        2011    16151487+  ee  GPT

Disk /dev/sdapy: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapy1              1        2011    16151487+  ee  GPT

Disk /dev/sdaqa: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqa1              1        8259    66337727+  ee  GPT

Disk /dev/sdapz: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdapz1              1        2011    16151487+  ee  GPT

Disk /dev/sdaqc: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqc1              1        2011    16151487+  ee  GPT

Disk /dev/sdaqf: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqf1              1        8259    66337727+  ee  GPT

Disk /dev/sdaqe: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqe1              1        2011    16151487+  ee  GPT

Disk /dev/sdaqd: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqd1              1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdaqb: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqb1              1        2011    16151487+  ee  GPT

Disk /dev/sdaqg: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqg1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdaqi: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqi1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdaqh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqh1              1        2011    16151487+  ee  GPT

Disk /dev/sdaqj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqj1              1        2024    16253887+  ee  GPT

Disk /dev/sdaqk: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqk1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdaqp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqp1              1        2024    16253887+  ee  GPT

Disk /dev/sdaqo: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqo1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdaql: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaql1              1        2011    16151487+  ee  GPT

Disk /dev/sdaqn: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqn1              1        2024    16253887+  ee  GPT

Disk /dev/sdaqm: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqm1              1        8259    66337727+  ee  GPT

Disk /dev/sdaqq: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqq1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdaqs: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqs1              1        2024    16253887+  ee  GPT

Disk /dev/sdaqr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqr1              1        2024    16253887+  ee  GPT

Disk /dev/sdaqt: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqt1              1        2024    16253887+  ee  GPT

Disk /dev/sdaqu: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqu1              1        1529    12280767+  ee  GPT

Disk /dev/sdaqw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqw1              1        2011    16151487+  ee  GPT

Disk /dev/sdaqz: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqz1              1        2024    16253887+  ee  GPT

Disk /dev/sdaqv: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqv1              1        2024    16253887+  ee  GPT

Disk /dev/sdaqy: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqy1              1        2011    16151487+  ee  GPT

Disk /dev/sdaqx: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaqx1              1        2024    16253887+  ee  GPT

Disk /dev/sdara: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdara1              1        2024    16253887+  ee  GPT

Disk /dev/sdarb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdarb1              1        2024    16253887+  ee  GPT

Disk /dev/sdare: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdare1              1        2024    16253887+  ee  GPT

Disk /dev/sdarc: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdarc1              1        2011    16151487+  ee  GPT

Disk /dev/sdarg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdarg1              1        2011    16151487+  ee  GPT

Disk /dev/sdarh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdarh1              1        2011    16151487+  ee  GPT

Disk /dev/sdarf: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdarf1              1        2011    16151487+  ee  GPT

Disk /dev/sdard: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdard1              1        2011    16151487+  ee  GPT

Disk /dev/sdari: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdari1              1        2011    16151487+  ee  GPT

Disk /dev/sdark: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdark1              1        8259    66337727+  ee  GPT

Disk /dev/sdarm: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdarm1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdaro: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaro1              1        2011    16151487+  ee  GPT

Disk /dev/sdarj: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdarj1              1        1529    12280767+  ee  GPT

Disk /dev/sdarl: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdarl1              1        2011    16151487+  ee  GPT

Disk /dev/sdarn: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdarn1              1        2011    16151487+  ee  GPT

Disk /dev/sdarp: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdarp1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdarq: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdarq1              1        2011    16151487+  ee  GPT

Disk /dev/sdarr: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdarr1              1        2011    16151487+  ee  GPT

Disk /dev/sdars: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdars1              1        2011    16151487+  ee  GPT

Disk /dev/sdaru: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaru1              1        2011    16151487+  ee  GPT

Disk /dev/sdarw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdarw1              1        2011    16151487+  ee  GPT

Disk /dev/sdarv: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdarv1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdary: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdary1              1        8259    66337727+  ee  GPT

Disk /dev/sdart: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdart1              1        8259    66337727+  ee  GPT

Disk /dev/sdasa: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdasa1              1        2024    16253887+  ee  GPT

Disk /dev/sdarx: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdarx1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdarz: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdarz1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdasb: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdasb1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdasc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdasc1              1        2024    16253887+  ee  GPT

Disk /dev/sdase: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdase1              1        2024    16253887+  ee  GPT

Disk /dev/sdasf: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
```

```
/dev/sdasf1          1       2024   16253887+  ee  GPT

Disk /dev/sdasd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdasd1          1       2024   16253887+  ee  GPT

Disk /dev/sdasg: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdasg1          1       2024   16253887+  ee  GPT

Disk /dev/sdash: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdash1          1       2011   16151487+  ee  GPT

Disk /dev/sdasi: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdasi1          1       2024   16253887+  ee  GPT

Disk /dev/sdasj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdasj1          1       2011   16151487+  ee  GPT

Disk /dev/sdask: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdask1          1       2024   16253887+  ee  GPT

Disk /dev/sdasl: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdasl1          1       1529   12280767+  ee  GPT

Disk /dev/sdasm: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdasm1          1       2011   16151487+  ee  GPT

Disk /dev/sdasp: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdasp1          1       2011   16151487+  ee  GPT

Disk /dev/sdasn: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdasn1          1       2011   16151487+  ee  GPT

Disk /dev/sdaso: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaso1          1       2011   16151487+  ee  GPT

Disk /dev/sdasq: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdasq1          1       2011   16151487+  ee  GPT

Disk /dev/sdasr: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdasr1          1       2011   16151487+  ee  GPT

Disk /dev/sdast: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdast1          1       2011   16151487+  ee  GPT

Disk /dev/sdasu: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdasu1          1       8259   66337727+  ee  GPT

Disk /dev/sdass: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdass1          1       2011   16151487+  ee  GPT

Disk /dev/sdasv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdasv1          1       2011   16151487+  ee  GPT

Disk /dev/sdasw: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdasw1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdasy: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdasy1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdasz: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdasz1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdasx: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdasx1              1        8259    66337727+  ee  GPT

Disk /dev/sdata: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdata1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdatb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdatb1              1        2024    16253887+  ee  GPT

Disk /dev/sdatc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdatc1              1        2024    16253887+  ee  GPT

Disk /dev/sdatd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdatd1              1        2024    16253887+  ee  GPT

Disk /dev/sdatf: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdatf1              1        2024    16253887+  ee  GPT

Disk /dev/sdate: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdate1              1        2024    16253887+  ee  GPT

Disk /dev/sdatj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdatj1              1        2011    16151487+  ee  GPT

Disk /dev/sdath: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdath1              1        2011    16151487+  ee  GPT

Disk /dev/sdatg: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdatg1              1        2024    16253887+  ee  GPT

Disk /dev/sdati: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdati1              1        2024    16253887+  ee  GPT

Disk /dev/sdatk: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdatk1              1        2024    16253887+  ee  GPT

Disk /dev/sdatm: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdatm1              1        1529    12280767+  ee  GPT
```

```
Disk /dev/sdatl: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdatl1              1        2011    16151487+  ee  GPT

Disk /dev/sdatn: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdatn1              1        2011    16151487+  ee  GPT

Disk /dev/sdatp: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdatp1              1        2011    16151487+  ee  GPT

Disk /dev/sdatq: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdatq1              1        2011    16151487+  ee  GPT

Disk /dev/sdato: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdato1              1        2011    16151487+  ee  GPT

Disk /dev/sdats: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdats1              1        2011    16151487+  ee  GPT

Disk /dev/sdatr: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdatr1              1        2011    16151487+  ee  GPT

Disk /dev/sdatt: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdatt1              1        8259    66337727+  ee  GPT

Disk /dev/sdatu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdatu1              1        2011    16151487+  ee  GPT

Disk /dev/sdatv: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdatv1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdatw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdatw1              1        2011    16151487+  ee  GPT

Disk /dev/sdatx: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdatx1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdaty: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaty1              1        8259    66337727+  ee  GPT

Disk /dev/sdatz: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdatz1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdaua: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaua1              1        2024    16253887+  ee  GPT

Disk /dev/sdaub: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaub1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
```

```
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdauc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdauc1              1        2024    16253887+  ee  GPT

Disk /dev/sdaue: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaue1              1        2024    16253887+  ee  GPT

Disk /dev/sdaud: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaud1              1        2024    16253887+  ee  GPT

Disk /dev/sdauh: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdauh1              1        2024    16253887+  ee  GPT

Disk /dev/sdauj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdauj1              1        2024    16253887+  ee  GPT

Disk /dev/sdauf: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdauf1              1        2024    16253887+  ee  GPT

Disk /dev/sdauk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdauk1              1        2011    16151487+  ee  GPT

Disk /dev/sdaui: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaui1              1        2011    16151487+  ee  GPT

Disk /dev/sdaug: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaug1              1        2024    16253887+  ee  GPT

Disk /dev/sdaul: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaul1              1        1529    12280767+  ee  GPT

Disk /dev/sdaum: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaum1              1        2011    16151487+  ee  GPT

Disk /dev/sdaun: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaun1              1        2011    16151487+  ee  GPT

Disk /dev/sdauq: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdauq1              1        2011    16151487+  ee  GPT

Disk /dev/sdaur: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaur1              1        2011    16151487+  ee  GPT

Disk /dev/sdaup: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaup1              1        2011    16151487+  ee  GPT

Disk /dev/sdaus: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdaus1              1        2011    16151487+  ee  GPT

Disk /dev/sdauo: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdauo1              1        2011    16151487+  ee  GPT

Disk /dev/sdaut: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaut1              1        2011    16151487+  ee  GPT

Disk /dev/sdauv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdauv1              1        2011    16151487+  ee  GPT

Disk /dev/sdauw: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdauw1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdauu: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdauu1              1        8259    66337727+  ee  GPT

Disk /dev/sdaux: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaux1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdauy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdauy1              1        8259    66337727+  ee  GPT

Disk /dev/sdava: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdava1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdauz: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdauz1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdavb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavb1              1        2024    16253887+  ee  GPT

Disk /dev/sdavc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavc1              1        2024    16253887+  ee  GPT

Disk /dev/sdavg: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavg1              1        2024    16253887+  ee  GPT

Disk /dev/sdave: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdave1              1        2024    16253887+  ee  GPT

Disk /dev/sdavf: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavf1              1        2024    16253887+  ee  GPT

Disk /dev/sdavh: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavh1              1        2024    16253887+  ee  GPT

Disk /dev/sdavd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavd1              1        2024    16253887+  ee  GPT

Disk /dev/sdavi: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavi1              1        2024    16253887+  ee  GPT
```

```
Disk /dev/sdavj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavj1              1        2011    16151487+  ee  GPT

Disk /dev/sdavk: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavk1              1        1529    12280767+  ee  GPT

Disk /dev/sdavl: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavl1              1        2011    16151487+  ee  GPT

Disk /dev/sdavo: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavo1              1        2011    16151487+  ee  GPT

Disk /dev/sdavp: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavp1              1        2011    16151487+  ee  GPT

Disk /dev/sdavr: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavr1              1        2011    16151487+  ee  GPT

Disk /dev/sdavn: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavn1              1        2011    16151487+  ee  GPT

Disk /dev/sdavm: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavm1              1        2011    16151487+  ee  GPT

Disk /dev/sdavq: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavq1              1        2011    16151487+  ee  GPT

Disk /dev/sdavs: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavs1              1        2011    16151487+  ee  GPT

Disk /dev/sdavt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavt1              1        2011    16151487+  ee  GPT

Disk /dev/sdavu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavu1              1        2011    16151487+  ee  GPT

Disk /dev/sdavv: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavv1              1        8259    66337727+  ee  GPT

Disk /dev/sdavw: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavw1              1        8259    66337727+  ee  GPT

Disk /dev/sdavy: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavy1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdavx: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavx1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdawa: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdawa1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdawb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawb1              1        2024    16253887+  ee  GPT

Disk /dev/sdawd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawd1              1        2024    16253887+  ee  GPT

Disk /dev/sdavz: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdavz1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdawe: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawe1              1        2024    16253887+  ee  GPT

Disk /dev/sdawc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawc1              1        2024    16253887+  ee  GPT

Disk /dev/sdawg: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawg1              1        2024    16253887+  ee  GPT

Disk /dev/sdawf: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawf1              1        2024    16253887+  ee  GPT

Disk /dev/sdawi: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawi1              1        2024    16253887+  ee  GPT

Disk /dev/sdawh: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawh1              1        2024    16253887+  ee  GPT

Disk /dev/sdawj: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawj1              1        2024    16253887+  ee  GPT

Disk /dev/sdawm: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawm1              1        2024    16253887+  ee  GPT

Disk /dev/sdawl: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawl1              1        2024    16253887+  ee  GPT

Disk /dev/sdawk: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawk1              1        1529    12280767+  ee  GPT

Disk /dev/sdawo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawo1              1        2024    16253887+  ee  GPT

Disk /dev/sdawn: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawn1              1        2011    16151487+  ee  GPT

Disk /dev/sdawp: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawp1              1        2011    16151487+  ee  GPT

Disk /dev/sdawq: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawq1              1        1529    12280767+  ee  GPT

Disk /dev/sdawr: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawr1              1        2011    16151487+  ee  GPT

Disk /dev/sdaws: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaws1              1        2011    16151487+  ee  GPT

Disk /dev/sdawt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawt1              1        2011    16151487+  ee  GPT

Disk /dev/sdawu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawu1              1        2011    16151487+  ee  GPT

Disk /dev/sdaww: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaww1              1        2011    16151487+  ee  GPT

Disk /dev/sdawx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawx1              1        2011    16151487+  ee  GPT

Disk /dev/sdawv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawv1              1        2011    16151487+  ee  GPT

Disk /dev/sdawy: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawy1              1        2011    16151487+  ee  GPT

Disk /dev/sdawz: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdawz1              1        2011    16151487+  ee  GPT

Disk /dev/sdaxa: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxa1              1        2011    16151487+  ee  GPT

Disk /dev/sdaxb: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxb1              1        2011    16151487+  ee  GPT

Disk /dev/sdaxc: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxc1              1        2011    16151487+  ee  GPT

Disk /dev/sdaxd: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxd1              1        8259    66337727+  ee  GPT

Disk /dev/sdaxe: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxe1              1        2011    16151487+  ee  GPT

Disk /dev/sdaxh: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxh1              1        8259    66337727+  ee  GPT

Disk /dev/sdaxg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxg1              1        2011    16151487+  ee  GPT

Disk /dev/sdaxf: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxf1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdaxi: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxi1              1        8259    66337727+  ee  GPT

Disk /dev/sdaxj: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxj1              1        8259    66337727+  ee  GPT

Disk /dev/sdaxm: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxm1              1        2608    20943807+  ee  GPT

Disk /dev/sdaxl: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxl1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdaxk: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxk1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdaxp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxp1              1        2024    16253887+  ee  GPT

Disk /dev/sdaxn: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxn1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdaxo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxo1              1        2024    16253887+  ee  GPT

Disk /dev/sdaxq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxq1              1        2024    16253887+  ee  GPT

Disk /dev/sdaxt: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxt1              1        2024    16253887+  ee  GPT

Disk /dev/sdaxr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxr1              1        2024    16253887+  ee  GPT

Disk /dev/sdaxu: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxu1              1        2024    16253887+  ee  GPT

Disk /dev/sdaxs: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxs1              1        2024    16253887+  ee  GPT

Disk /dev/sdaxv: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxv1              1        1529    12280767+  ee  GPT

Disk /dev/sdaxw: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxw1              1        2024    16253887+  ee  GPT

Disk /dev/sdaxx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxx1              1        2011    16151487+  ee  GPT

Disk /dev/sdaxy: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxy1              1        2011    16151487+  ee  GPT

Disk /dev/sdaya: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaya1              1        2011    16151487+  ee  GPT

Disk /dev/sdayb: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayb1              1        2011    16151487+  ee  GPT

Disk /dev/sdaxz: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaxz1              1        2011    16151487+  ee  GPT

Disk /dev/sdayc: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayc1              1        2011    16151487+  ee  GPT

Disk /dev/sdayd: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayd1              1        2011    16151487+  ee  GPT

Disk /dev/sdaye: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaye1              1        2011    16151487+  ee  GPT

Disk /dev/sdayi: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayi1              1        8259    66337727+  ee  GPT

Disk /dev/sdayh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayh1              1        2011    16151487+  ee  GPT

Disk /dev/sdayg: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayg1              1        8259    66337727+  ee  GPT

Disk /dev/sdayl: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayl1              1        8259    66337727+  ee  GPT

Disk /dev/sdaym: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaym1              1        2024    16253887+  ee  GPT

Disk /dev/sdayn: 7689 MB, 7689142272 bytes
255 heads, 63 sectors/track, 934 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayn1              1         935     7508927+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(934, 208, 42)

Disk /dev/sdayf: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayf1              1        2011    16151487+  ee  GPT

Disk /dev/sdayq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayq1              1        2024    16253887+  ee  GPT

Disk /dev/sdayj: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayj1              1        2608    20943807+  ee  GPT

Disk /dev/sdayp: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayp1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdayr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayr1              1        2024    16253887+  ee  GPT

Disk /dev/sdayo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayo1              1        2024    16253887+  ee  GPT

Disk /dev/sdayk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayk1              1        2011    16151487+  ee  GPT

Disk /dev/sdays: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdays1              1        1529    12280767+  ee  GPT

Disk /dev/sdayt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayt1              1        2011    16151487+  ee  GPT

Disk /dev/sdayu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayu1              1        2011    16151487+  ee  GPT

Disk /dev/sdayv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayv1              1        2011    16151487+  ee  GPT

Disk /dev/sdayx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayx1              1        2011    16151487+  ee  GPT

Disk /dev/sdayw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayw1              1        2011    16151487+  ee  GPT

Disk /dev/sdayy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayy1              1        8259    66337727+  ee  GPT

Disk /dev/sdaza: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaza1              1        2608    20943807+  ee  GPT

Disk /dev/sdayz: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdayz1              1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdazb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazb1              1        2024    16253887+  ee  GPT

Disk /dev/sdazc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazc1              1        2024    16253887+  ee  GPT

Disk /dev/sdaze: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdaze1              1        2024    16253887+  ee  GPT

Disk /dev/sdazd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazd1              1        2024    16253887+  ee  GPT
```

```
Disk /dev/sdazf: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazf1              1        1529    12280767+  ee  GPT

Disk /dev/sdazg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazg1              1        2011    16151487+  ee  GPT

Disk /dev/sdazh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazh1              1        2011    16151487+  ee  GPT

Disk /dev/sdazo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0xfedd0850

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazo1              1        2024    16253887+  ee  GPT

Disk /dev/sdazm: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazm1              1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdazp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazp1              1        2024    16253887+  ee  GPT

Disk /dev/sdazj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazj1              1        2011    16151487+  ee  GPT

Disk /dev/sdazl: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazl1              1        8259    66337727+  ee  GPT

Disk /dev/sdazr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazr1              1        2024    16253887+  ee  GPT

Disk /dev/sdazn: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazn1              1        2608    20943807+  ee  GPT

Disk /dev/sdazi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazi1              1        2011    16151487+  ee  GPT

Disk /dev/sdazk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazk1              1        2011    16151487+  ee  GPT

Disk /dev/sdazq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazq1              1        2024    16253887+  ee  GPT

Disk /dev/sdazs: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazs1              1        1529    12280767+  ee  GPT

Disk /dev/sdazt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazt1              1        2011    16151487+  ee  GPT

Disk /dev/sdazu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazu1              1        2011    16151487+  ee  GPT

Disk /dev/sdazv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazv1              1        2011    16151487+  ee  GPT
```

```
Disk /dev/sdazw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazw1              1        2011    16151487+  ee  GPT

Disk /dev/sdazx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazx1              1        2011    16151487+  ee  GPT

Disk /dev/sdbad: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbad1              1        2024    16253887+  ee  GPT

Disk /dev/sdbaa: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbaa1              1        2608    20943807+  ee  GPT

Disk /dev/sdbab: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbab1              1        2024    16253887+  ee  GPT

Disk /dev/sdazy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazy1              1        8259    66337727+  ee  GPT

Disk /dev/sdazz: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdazz1              1        8259    66337727+  ee  GPT

Disk /dev/sdbaf: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbaf1              1        1529    12280767+  ee  GPT

Disk /dev/sdbae: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbae1              1        2024    16253887+  ee  GPT

Disk /dev/sdbac: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbac1              1        2024    16253887+  ee  GPT

Disk /dev/sdbag: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbag1              1        2011    16151487+  ee  GPT

Disk /dev/sdbaj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbaj1              1        2011    16151487+  ee  GPT

Disk /dev/sdbai: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbai1              1        2011    16151487+  ee  GPT

Disk /dev/sdbam: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbam1              1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdbal: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbal1              1        8259    66337727+  ee  GPT

Disk /dev/sdbah: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbah1              1        2011    16151487+  ee  GPT

Disk /dev/sdban: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdban1              1        2608    20943807+  ee  GPT
```

```
Disk /dev/sdbak: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbak1              1        2011    16151487+  ee  GPT

Disk /dev/sdbao: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbao1              1        2024    16253887+  ee  GPT

Disk /dev/sdbaq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbaq1              1        2024    16253887+  ee  GPT

Disk /dev/sdbap: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbap1              1        2024    16253887+  ee  GPT

Disk /dev/sdbav: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbav1              1        2011    16151487+  ee  GPT

Disk /dev/sdbat: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbat1              1        2011    16151487+  ee  GPT

Disk /dev/sdbar: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbar1              1        2024    16253887+  ee  GPT

Disk /dev/sdbau: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbau1              1        2011    16151487+  ee  GPT

Disk /dev/sdbaw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbaw1              1        2011    16151487+  ee  GPT

Disk /dev/sdbas: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbas1              1        1529    12280767+  ee  GPT

Disk /dev/sdbax: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbax1              1        2011    16151487+  ee  GPT

Disk /dev/sdbbe: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbe1              1        2024    16253887+  ee  GPT

Disk /dev/sdbbb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbb1              1        2024    16253887+  ee  GPT

Disk /dev/sdbbd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbd1              1        2024    16253887+  ee  GPT

Disk /dev/sdbbf: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbf1              1        1529    12280767+  ee  GPT

Disk /dev/sdbbh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbh1              1        2011    16151487+  ee  GPT

Disk /dev/sdbay: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbay1              1        8259    66337727+  ee  GPT

Disk /dev/sdbbc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbc1              1        2024    16253887+  ee  GPT

Disk /dev/sdbaz: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbaz1              1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdbba: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbba1              1        2608    20943807+  ee  GPT

Disk /dev/sdbbg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbg1              1        2011    16151487+  ee  GPT

Disk /dev/sdbbi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbi1              1        2011    16151487+  ee  GPT

Disk /dev/sdbbj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbj1              1        2011    16151487+  ee  GPT

Disk /dev/sdbbk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbk1              1        2011    16151487+  ee  GPT

Disk /dev/sdbbl: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbl1              1        8259    66337727+  ee  GPT

Disk /dev/sdbbm: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbm1              1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdbbn: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbn1              1        2608    20943807+  ee  GPT

Disk /dev/sdbbo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbo1              1        2024    16253887+  ee  GPT

Disk /dev/sdbbq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbq1              1        2024    16253887+  ee  GPT

Disk /dev/sdbbp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbp1              1        2024    16253887+  ee  GPT

Disk /dev/sdbbr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbr1              1        2024    16253887+  ee  GPT

Disk /dev/sdbbs: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbs1              1        1529    12280767+  ee  GPT

Disk /dev/sdbbt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbt1              1        2011    16151487+  ee  GPT

Disk /dev/sdbbu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbu1              1        2011    16151487+  ee  GPT
```

```
Disk /dev/sdbbv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbv1              1        2011    16151487+  ee  GPT

Disk /dev/sdbbw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbw1              1        2011    16151487+  ee  GPT

Disk /dev/sdbby: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbby1              1        8259    66337727+  ee  GPT

Disk /dev/sdbbx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbx1              1        2011    16151487+  ee  GPT

Disk /dev/sdbca: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbca1              1        2608    20943807+  ee  GPT

Disk /dev/sdbbz: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbbz1              1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdbcb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbcb1              1        2024    16253887+  ee  GPT

Disk /dev/sdbcc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbcc1              1        2024    16253887+  ee  GPT

Disk /dev/sdbcd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbcd1              1        2024    16253887+  ee  GPT

Disk /dev/sdbce: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbce1              1        2024    16253887+  ee  GPT

Disk /dev/sdbcg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbcg1              1        2011    16151487+  ee  GPT

Disk /dev/sdbcf: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbcf1              1        1529    12280767+  ee  GPT

Disk /dev/sdbch: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbch1              1        2011    16151487+  ee  GPT

Disk /dev/sdbci: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbci1              1        2011    16151487+  ee  GPT

Disk /dev/sdbcj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbcj1              1        2011    16151487+  ee  GPT

Disk /dev/sdbcl: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbcl1              1        8259    66337727+  ee  GPT

Disk /dev/sdbco: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbco1              1        2024    16253887+  ee  GPT
```

```
Disk /dev/sdbck: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbck1              1        2011    16151487+  ee  GPT

Disk /dev/sdbcp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbcp1              1        2024    16253887+  ee  GPT

Disk /dev/sdbcm: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbcm1              1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdbcn: 21.4 GB, 21446459392 bytes
255 heads, 63 sectors/track, 2607 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbcn1              1        2608    20943807+  ee  GPT

Disk /dev/sdbcq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbcq1              1        2024    16253887+  ee  GPT

Disk /dev/sdbcr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbcr1              1        2024    16253887+  ee  GPT

Disk /dev/sdbcs: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbcs1              1        2011    16151487+  ee  GPT

Disk /dev/sdbct: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbct1              1        2011    16151487+  ee  GPT

Disk /dev/sdbcu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbcu1              1        2011    16151487+  ee  GPT

Disk /dev/sdbcw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbcw1              1        2011    16151487+  ee  GPT

Disk /dev/sdbcv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbcv1              1        2011    16151487+  ee  GPT

Disk /dev/sdbcx: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbcx1              1        8259    66337727+  ee  GPT

Disk /dev/sdbcy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbcy1              1        8259    66337727+  ee  GPT

Disk /dev/sdbcz: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbcz1              1        1942    15598527+  ee  GPT

Disk /dev/sdbdc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbdc1              1        2024    16253887+  ee  GPT

Disk /dev/sdbda: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbda1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbdb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
    Device Boot      Start         End      Blocks   Id  System
/dev/sdbdb1              1        2024    16253887+  ee  GPT

Disk /dev/sdbdd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdbdd1              1        2024    16253887+  ee  GPT

Disk /dev/sdbdf: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdbdf1              1        2011    16151487+  ee  GPT

Disk /dev/sdbde: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdbde1              1        2024    16253887+  ee  GPT

Disk /dev/sdbdi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdbdi1              1        2011    16151487+  ee  GPT

Disk /dev/sdbdl: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdbdl1              1        8259    66337727+  ee  GPT

Disk /dev/sdbdg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdbdg1              1        2011    16151487+  ee  GPT

Disk /dev/sdbdk: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdbdk1              1        8259    66337727+  ee  GPT

Disk /dev/sdbdm: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdbdm1              1        1942    15598527+  ee  GPT

Disk /dev/sdbdh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdbdh1              1        2011    16151487+  ee  GPT

Disk /dev/sdbdj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdbdj1              1        2011    16151487+  ee  GPT

Disk /dev/sdbdn: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdbdn1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbdo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdbdo1              1        2024    16253887+  ee  GPT

Disk /dev/sdbdp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdbdp1              1        2024    16253887+  ee  GPT

Disk /dev/sdbdq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdbdq1              1        2024    16253887+  ee  GPT

Disk /dev/sdbdr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdbdr1              1        2024    16253887+  ee  GPT

Disk /dev/sdbdt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

    Device Boot      Start         End      Blocks   Id  System
/dev/sdbdt1              1        2011    16151487+  ee  GPT

Disk /dev/sdbds: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdbds1              1        2011    16151487+  ee  GPT

Disk /dev/sdbdv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbdv1              1        2011    16151487+  ee  GPT

Disk /dev/sdbdu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbdu1              1        2011    16151487+  ee  GPT

Disk /dev/sdbdx: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbdx1              1        8259    66337727+  ee  GPT

Disk /dev/sdbdw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbdw1              1        2011    16151487+  ee  GPT

Disk /dev/sdbdy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbdy1              1        8259    66337727+  ee  GPT

Disk /dev/sdbed: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbed1              1        2024    16253887+  ee  GPT

Disk /dev/sdbee: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbee1              1        2024    16253887+  ee  GPT

Disk /dev/sdbea: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbea1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbeb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbeb1              1        2024    16253887+  ee  GPT

Disk /dev/sdbec: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbec1              1        2024    16253887+  ee  GPT

Disk /dev/sdbdz: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbdz1              1        1942    15598527+  ee  GPT

Disk /dev/sdbeh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbeh1              1        2011    16151487+  ee  GPT

Disk /dev/sdbef: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbef1              1        2011    16151487+  ee  GPT

Disk /dev/sdbeg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbeg1              1        2011    16151487+  ee  GPT

Disk /dev/sdbei: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbei1              1        2011    16151487+  ee  GPT

Disk /dev/sdbej: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbej1              1        2011    16151487+  ee  GPT

Disk /dev/sdbek: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdbek1              1        8259    66337727+  ee  GPT

Disk /dev/sdbel: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbel1              1        8259    66337727+  ee  GPT

Disk /dev/sdbem: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbem1              1        1942    15598527+  ee  GPT

Disk /dev/sdben: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdben1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbeo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbeo1              1        2024    16253887+  ee  GPT

Disk /dev/sdbep: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbep1              1        2024    16253887+  ee  GPT

Disk /dev/sdber: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdber1              1        2024    16253887+  ee  GPT

Disk /dev/sdbeq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbeq1              1        2024    16253887+  ee  GPT

Disk /dev/sdbes: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbes1              1        2011    16151487+  ee  GPT

Disk /dev/sdbeu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbeu1              1        2011    16151487+  ee  GPT

Disk /dev/sdbet: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbet1              1        2011    16151487+  ee  GPT

Disk /dev/sdbev: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbev1              1        2011    16151487+  ee  GPT

Disk /dev/sdbew: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbew1              1        2011    16151487+  ee  GPT

Disk /dev/sdbey: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbey1              1        8259    66337727+  ee  GPT

Disk /dev/sdbex: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbex1              1        8259    66337727+  ee  GPT

Disk /dev/sdbez: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbez1              1        1942    15598527+  ee  GPT

Disk /dev/sdbfa: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfa1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbfc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfc1             1        2024    16253887+  ee  GPT

Disk /dev/sdbfd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfd1             1        2024    16253887+  ee  GPT

Disk /dev/sdbfb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfb1             1        2024    16253887+  ee  GPT

Disk /dev/sdbfe: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfe1             1        2024    16253887+  ee  GPT

Disk /dev/sdbff: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbff1             1        2011    16151487+  ee  GPT

Disk /dev/sdbfg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfg1             1        2011    16151487+  ee  GPT

Disk /dev/sdbfh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfh1             1        2011    16151487+  ee  GPT

Disk /dev/sdbfk: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfk1             1        8259    66337727+  ee  GPT

Disk /dev/sdbfi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfi1             1        2011    16151487+  ee  GPT

Disk /dev/sdbfj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfj1             1        2011    16151487+  ee  GPT

Disk /dev/sdbfn: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfn1             1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbfl: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfl1             1        8259    66337727+  ee  GPT

Disk /dev/sdbfp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfp1             1        2024    16253887+  ee  GPT

Disk /dev/sdbfm: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfm1             1        1942    15598527+  ee  GPT

Disk /dev/sdbfo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfo1             1        2024    16253887+  ee  GPT

Disk /dev/sdbfq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfq1             1        2024    16253887+  ee  GPT

Disk /dev/sdbfu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfu1             1        2011    16151487+  ee  GPT

Disk /dev/sdbfr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfr1             1        2024    16253887+  ee  GPT

Disk /dev/sdbft: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbft1             1        2011    16151487+  ee  GPT

Disk /dev/sdbfw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfw1             1        2011    16151487+  ee  GPT

Disk /dev/sdbfv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfv1             1        2011    16151487+  ee  GPT

Disk /dev/sdbfx: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfx1             1        8259    66337727+  ee  GPT

Disk /dev/sdbfs: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfs1             1        2011    16151487+  ee  GPT

Disk /dev/sdbfy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfy1             1        8259    66337727+  ee  GPT

Disk /dev/sdbfz: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbfz1             1        1942    15598527+  ee  GPT

Disk /dev/sdbge: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbge1             1        2024    16253887+  ee  GPT

Disk /dev/sdbgc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgc1             1        2024    16253887+  ee  GPT

Disk /dev/sdbga: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbga1             1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbgd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgd1             1        2024    16253887+  ee  GPT

Disk /dev/sdbgb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgb1             1        2024    16253887+  ee  GPT

Disk /dev/sdbgf: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgf1             1        2011    16151487+  ee  GPT

Disk /dev/sdbgg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgg1             1        2011    16151487+  ee  GPT

Disk /dev/sdbgh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgh1             1        2011    16151487+  ee  GPT

Disk /dev/sdbgi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgi1             1        2011    16151487+  ee  GPT

Disk /dev/sdbgl: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgl1             1        8259    66337727+  ee  GPT

Disk /dev/sdbgj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgj1             1        2011    16151487+  ee  GPT

Disk /dev/sdbgk: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgk1             1        8259    66337727+  ee  GPT

Disk /dev/sdbgm: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgm1             1        1942    15598527+  ee  GPT

Disk /dev/sdbgn: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgn1             1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbgo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgo1             1        2024    16253887+  ee  GPT

Disk /dev/sdbgp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgp1             1        2024    16253887+  ee  GPT

Disk /dev/sdbgq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgq1             1        2024    16253887+  ee  GPT

Disk /dev/sdbgr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgr1             1        2024    16253887+  ee  GPT

Disk /dev/sdbgt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgt1             1        2011    16151487+  ee  GPT

Disk /dev/sdbgs: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgs1             1        2011    16151487+  ee  GPT

Disk /dev/sdbgu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgu1             1        2011    16151487+  ee  GPT

Disk /dev/sdbgv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgv1             1        2011    16151487+  ee  GPT

Disk /dev/sdbgw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgw1             1        2011    16151487+  ee  GPT

Disk /dev/sdbgz: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgz1             1        1942    15598527+  ee  GPT

Disk /dev/sdbgx: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgx1             1        8259    66337727+  ee  GPT

Disk /dev/sdbgy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbgy1             1        8259    66337727+  ee  GPT

Disk /dev/sdbha: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbha1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbhc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhc1              1        2024    16253887+  ee  GPT

Disk /dev/sdbhb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhb1              1        2024    16253887+  ee  GPT

Disk /dev/sdbhd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhd1              1        2024    16253887+  ee  GPT

Disk /dev/sdbhf: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhf1              1        2011    16151487+  ee  GPT

Disk /dev/sdbhg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhg1              1        2011    16151487+  ee  GPT

Disk /dev/sdbhe: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhe1              1        2024    16253887+  ee  GPT

Disk /dev/sdbhi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhi1              1        2011    16151487+  ee  GPT

Disk /dev/sdbhh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhh1              1        2011    16151487+  ee  GPT

Disk /dev/sdbhk: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhk1              1        8259    66337727+  ee  GPT

Disk /dev/sdbhj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhj1              1        2011    16151487+  ee  GPT

Disk /dev/sdbhl: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhl1              1        8259    66337727+  ee  GPT

Disk /dev/sdbho: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbho1              1        2024    16253887+  ee  GPT

Disk /dev/sdbhp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhp1              1        2024    16253887+  ee  GPT

Disk /dev/sdbhm: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhm1              1        1942    15598527+  ee  GPT

Disk /dev/sdbhr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhr1              1        2024    16253887+  ee  GPT

Disk /dev/sdbhq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhq1              1        2024    16253887+  ee  GPT

Disk /dev/sdbhs: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhs1              1        1529    12280767+  ee  GPT

Disk /dev/sdbht: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbht1              1        2011    16151487+  ee  GPT

Disk /dev/sdbhn: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhn1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbhu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhu1              1        2011    16151487+  ee  GPT

Disk /dev/sdbhz: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhz1              1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdbhx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhx1              1        2011    16151487+  ee  GPT

Disk /dev/sdbhv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhv1              1        2011    16151487+  ee  GPT

Disk /dev/sdbia: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbia1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbib: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbib1              1        2024    16253887+  ee  GPT

Disk /dev/sdbic: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbic1              1        2024    16253887+  ee  GPT

Disk /dev/sdbid: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbid1              1        2024    16253887+  ee  GPT

Disk /dev/sdbhw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhw1              1        2011    16151487+  ee  GPT

Disk /dev/sdbhy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbhy1              1        8259    66337727+  ee  GPT

Disk /dev/sdbie: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbie1              1        2024    16253887+  ee  GPT

Disk /dev/sdbif: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbif1              1        1529    12280767+  ee  GPT

Disk /dev/sdbig: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbig1              1        2011    16151487+  ee  GPT

Disk /dev/sdbih: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbih1              1        2011    16151487+  ee  GPT

Disk /dev/sdbil: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbil1              1        8259    66337727+  ee  GPT

Disk /dev/sdbik: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbik1              1        2011    16151487+  ee  GPT

Disk /dev/sdbii: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbii1              1        2011    16151487+  ee  GPT

Disk /dev/sdbin: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbin1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbim: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbim1              1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdbij: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbij1              1        2011    16151487+  ee  GPT

Disk /dev/sdbio: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbio1              1        2024    16253887+  ee  GPT

Disk /dev/sdbiq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbiq1              1        2024    16253887+  ee  GPT

Disk /dev/sdbir: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbir1              1        2024    16253887+  ee  GPT

Disk /dev/sdbip: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbip1              1        2024    16253887+  ee  GPT

Disk /dev/sdbit: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbit1              1        2011    16151487+  ee  GPT

Disk /dev/sdbis: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbis1              1        1529    12280767+  ee  GPT

Disk /dev/sdbiw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbiw1              1        2011    16151487+  ee  GPT

Disk /dev/sdbiu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbiu1              1        2011    16151487+  ee  GPT

Disk /dev/sdbiv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbiv1              1        2011    16151487+  ee  GPT

Disk /dev/sdbix: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbix1              1        2011    16151487+  ee  GPT
```

```
Disk /dev/sdbiy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbiy1              1        8259    66337727+  ee  GPT

Disk /dev/sdbiz: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbiz1              1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdbja: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbja1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbjd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjd1              1        2024    16253887+  ee  GPT

Disk /dev/sdbjb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjb1              1        2024    16253887+  ee  GPT

Disk /dev/sdbjg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjg1              1        2011    16151487+  ee  GPT

Disk /dev/sdbjc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjc1              1        2024    16253887+  ee  GPT

Disk /dev/sdbje: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbje1              1        2024    16253887+  ee  GPT

Disk /dev/sdbjh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjh1              1        2011    16151487+  ee  GPT

Disk /dev/sdbjf: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjf1              1        1529    12280767+  ee  GPT

Disk /dev/sdbji: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbji1              1        2011    16151487+  ee  GPT

Disk /dev/sdbjq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjq1              1        2024    16253887+  ee  GPT

Disk /dev/sdbjo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjo1              1        2024    16253887+  ee  GPT

Disk /dev/sdbjl: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjl1              1        8259    66337727+  ee  GPT

Disk /dev/sdbjm: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjm1              1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdbjj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjj1              1        2011    16151487+  ee  GPT

Disk /dev/sdbjr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjr1             1        2024    16253887+  ee  GPT

Disk /dev/sdbjp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjp1             1        2024    16253887+  ee  GPT

Disk /dev/sdbjn: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjn1             1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbjk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjk1             1        2011    16151487+  ee  GPT

Disk /dev/sdbjs: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjs1             1        1529    12280767+  ee  GPT

Disk /dev/sdbju: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbju1             1        2011    16151487+  ee  GPT

Disk /dev/sdbjt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjt1             1        2011    16151487+  ee  GPT

Disk /dev/sdbjy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjy1             1        8259    66337727+  ee  GPT

Disk /dev/sdbjz: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjz1             1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdbka: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbka1             1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbkc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbkc1             1        2024    16253887+  ee  GPT

Disk /dev/sdbkd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbkd1             1        2024    16253887+  ee  GPT

Disk /dev/sdbkb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbkb1             1        2024    16253887+  ee  GPT

Disk /dev/sdbjx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjx1             1        2011    16151487+  ee  GPT

Disk /dev/sdbjw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjw1             1        2011    16151487+  ee  GPT

Disk /dev/sdbjv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbjv1             1        2011    16151487+  ee  GPT

Disk /dev/sdbkh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbkh1              1        2011    16151487+  ee  GPT

Disk /dev/sdbki: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbki1              1        2011    16151487+  ee  GPT

Disk /dev/sdbke: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbke1              1        2024    16253887+  ee  GPT

Disk /dev/sdbkg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbkg1              1        2011    16151487+  ee  GPT

Disk /dev/sdbkj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbkj1              1        2011    16151487+  ee  GPT

Disk /dev/sdbkk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbkk1              1        2011    16151487+  ee  GPT

Disk /dev/sdbkf: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbkf1              1        1529    12280767+  ee  GPT

Disk /dev/sdbkl: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbkl1              1        8259    66337727+  ee  GPT

Disk /dev/sdbko: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbko1              1        2024    16253887+  ee  GPT

Disk /dev/sdbkm: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbkm1              1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdbkp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbkp1              1        2024    16253887+  ee  GPT

Disk /dev/sdbkr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbkr1              1        2024    16253887+  ee  GPT

Disk /dev/sdbkn: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbkn1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbks: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbks1              1        1529    12280767+  ee  GPT

Disk /dev/sdbkt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbkt1              1        2011    16151487+  ee  GPT

Disk /dev/sdbkq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbkq1              1        2024    16253887+  ee  GPT

Disk /dev/sdbku: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbku1              1        2011    16151487+  ee  GPT
```

```
Disk /dev/sdbkv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbkv1              1        2011    16151487+  ee  GPT

Disk /dev/sdbkw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbkw1              1        2011    16151487+  ee  GPT

Disk /dev/sdbkx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbkx1              1        2011    16151487+  ee  GPT

Disk /dev/sdbky: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbky1              1        8259    66337727+  ee  GPT

Disk /dev/sdblb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdblb1              1        2024    16253887+  ee  GPT

Disk /dev/sdblc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdblc1              1        2024    16253887+  ee  GPT

Disk /dev/sdble: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdble1              1        2024    16253887+  ee  GPT

Disk /dev/sdbla: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbla1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdblf: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdblf1              1        1529    12280767+  ee  GPT

Disk /dev/sdbld: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbld1              1        2024    16253887+  ee  GPT

Disk /dev/sdbkz: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbkz1              1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdblg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdblg1              1        2011    16151487+  ee  GPT

Disk /dev/sdblh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdblh1              1        2011    16151487+  ee  GPT

Disk /dev/sdbli: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbli1              1        2011    16151487+  ee  GPT

Disk /dev/sdblo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdblo1              1        2024    16253887+  ee  GPT

Disk /dev/sdblk: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdblk1              1        2011    16151487+  ee  GPT

Disk /dev/sdbln: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdbln1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdblm: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdblm1              1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdblj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdblj1              1        2011    16151487+  ee  GPT

Disk /dev/sdblp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdblp1              1        2024    16253887+  ee  GPT

Disk /dev/sdbll: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbll1              1        8259    66337727+  ee  GPT

Disk /dev/sdblq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdblq1              1        2024    16253887+  ee  GPT

Disk /dev/sdblr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdblr1              1        2024    16253887+  ee  GPT

Disk /dev/sdblt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdblt1              1        2011    16151487+  ee  GPT

Disk /dev/sdblw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdblw1              1        2011    16151487+  ee  GPT

Disk /dev/sdblv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdblv1              1        2011    16151487+  ee  GPT

Disk /dev/sdblu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdblu1              1        2011    16151487+  ee  GPT

Disk /dev/sdbly: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbly1              1        8259    66337727+  ee  GPT

Disk /dev/sdblx: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdblx1              1        2011    16151487+  ee  GPT

Disk /dev/sdbls: 12.6 GB, 12575506432 bytes
255 heads, 63 sectors/track, 1528 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbls1              1        1529    12280767+  ee  GPT

Disk /dev/sdblz: 3337 MB, 3337551872 bytes
255 heads, 63 sectors/track, 405 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdblz1              1         406     3259327+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(405, 195, 46)

Disk /dev/sdbmb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmb1              1        2024    16253887+  ee  GPT

Disk /dev/sdbmd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
```

```
/dev/sdbmd1          1       2024    16253887+  ee  GPT

Disk /dev/sdbma: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbma1          1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbmc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmc1          1       2024    16253887+  ee  GPT

Disk /dev/sdbme: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbme1          1       2024    16253887+  ee  GPT

Disk /dev/sdbmf: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmf1          1       2011    16151487+  ee  GPT

Disk /dev/sdbmg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmg1          1       2011    16151487+  ee  GPT

Disk /dev/sdbmi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmi1          1       2011    16151487+  ee  GPT

Disk /dev/sdbmh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmh1          1       2011    16151487+  ee  GPT

Disk /dev/sdbmj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmj1          1       2011    16151487+  ee  GPT

Disk /dev/sdbmk: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmk1          1       8259    66337727+  ee  GPT

Disk /dev/sdbml: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbml1          1       8259    66337727+  ee  GPT

Disk /dev/sdbmm: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmm1          1       1942    15598527+  ee  GPT

Disk /dev/sdbmn: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmn1          1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbmo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmo1          1       2024    16253887+  ee  GPT

Disk /dev/sdbmp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmp1          1       2024    16253887+  ee  GPT

Disk /dev/sdbmq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmq1          1       2024    16253887+  ee  GPT

Disk /dev/sdbmr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmr1          1       2024    16253887+  ee  GPT

Disk /dev/sdbms: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbms1              1        2011    16151487+  ee  GPT

Disk /dev/sdbmu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmu1              1        2011    16151487+  ee  GPT

Disk /dev/sdbmt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmt1              1        2011    16151487+  ee  GPT

Disk /dev/sdbmw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmw1              1        2011    16151487+  ee  GPT

Disk /dev/sdbmv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmv1              1        2011    16151487+  ee  GPT

Disk /dev/sdbmx: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmx1              1        8259    66337727+  ee  GPT

Disk /dev/sdbnd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbnd1              1        2024    16253887+  ee  GPT

Disk /dev/sdbnf: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbnf1              1        2011    16151487+  ee  GPT

Disk /dev/sdbmz: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmz1              1        1942    15598527+  ee  GPT

Disk /dev/sdbmy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbmy1              1        8259    66337727+  ee  GPT

Disk /dev/sdbne: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbne1              1        2024    16253887+  ee  GPT

Disk /dev/sdbna: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbna1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbni: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbni1              1        2011    16151487+  ee  GPT

Disk /dev/sdbnb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbnb1              1        2024    16253887+  ee  GPT

Disk /dev/sdbnh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbnh1              1        2011    16151487+  ee  GPT

Disk /dev/sdbng: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbng1              1        2011    16151487+  ee  GPT

Disk /dev/sdbnc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbnc1              1        2024    16253887+  ee  GPT

Disk /dev/sdbnj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbnj1              1        2011    16151487+  ee  GPT

Disk /dev/sdbnk: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbnk1              1        8259    66337727+  ee  GPT

Disk /dev/sdbnl: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbnl1              1        8259    66337727+  ee  GPT

Disk /dev/sdbnn: 29 MB, 29294592 bytes
255 heads, 63 sectors/track, 3 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbnn1              1           4       28607+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(3, 143, 12)

Disk /dev/sdbnm: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbnm1              1        1942    15598527+  ee  GPT

Disk /dev/sdbno: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbno1              1        2024    16253887+  ee  GPT

Disk /dev/sdbnp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbnp1              1        2024    16253887+  ee  GPT

Disk /dev/sdbnq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbnq1              1        2024    16253887+  ee  GPT

Disk /dev/sdbnr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbnr1              1        2024    16253887+  ee  GPT

Disk /dev/sdbns: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbns1              1        2011    16151487+  ee  GPT

Disk /dev/sdbnt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbnt1              1        2011    16151487+  ee  GPT

Disk /dev/sdbnv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbnv1              1        2011    16151487+  ee  GPT

Disk /dev/sdbnu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbnu1              1        2011    16151487+  ee  GPT

Disk /dev/sdbny: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbny1              1        8259    66337727+  ee  GPT

Disk /dev/sdbnz: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbnz1              1        1942    15598527+  ee  GPT

Disk /dev/sdboa: 128 MB, 128909312 bytes
255 heads, 63 sectors/track, 15 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdboa1              1          16      125887+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(15, 171, 28)

Disk /dev/sdbnw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbnw1              1        2011    16151487+  ee  GPT
```

```
Disk /dev/sdbod: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbod1              1        2024    16253887+  ee  GPT

Disk /dev/sdboe: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdboe1              1        2024    16253887+  ee  GPT

Disk /dev/sdbob: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbob1              1        2024    16253887+  ee  GPT

Disk /dev/sdbog: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbog1              1        2011    16151487+  ee  GPT

Disk /dev/sdbnx: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbnx1              1        8259    66337727+  ee  GPT

Disk /dev/sdbof: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbof1              1        2011    16151487+  ee  GPT

Disk /dev/sdboc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdboc1              1        2024    16253887+  ee  GPT

Disk /dev/sdboh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdboh1              1        2011    16151487+  ee  GPT

Disk /dev/sdbok: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbok1              1        8259    66337727+  ee  GPT

Disk /dev/sdboj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdboj1              1        2011    16151487+  ee  GPT

Disk /dev/sdboi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdboi1              1        2011    16151487+  ee  GPT

Disk /dev/sdbol: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbol1              1        8259    66337727+  ee  GPT

Disk /dev/sdbon: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbon1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdboo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdboo1              1        2024    16253887+  ee  GPT

Disk /dev/sdbop: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbop1              1        2024    16253887+  ee  GPT

Disk /dev/sdbom: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbom1              1        1942    15598527+  ee  GPT

Disk /dev/sdboq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdboq1              1        2024    16253887+  ee  GPT
```

```
Disk /dev/sdbor: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbor1              1        2024    16253887+  ee  GPT

Disk /dev/sdbos: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbos1              1        2011    16151487+  ee  GPT

Disk /dev/sdbot: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbot1              1        2011    16151487+  ee  GPT

Disk /dev/sdbou: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbou1              1        2011    16151487+  ee  GPT

Disk /dev/sdbov: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbov1              1        2011    16151487+  ee  GPT

Disk /dev/sdbox: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbox1              1        8259    66337727+  ee  GPT

Disk /dev/sdboy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdboy1              1        8259    66337727+  ee  GPT

Disk /dev/sdboz: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdboz1              1        1942    15598527+  ee  GPT

Disk /dev/sdbpe: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpe1              1        2024    16253887+  ee  GPT

Disk /dev/sdbpc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpc1              1        2024    16253887+  ee  GPT

Disk /dev/sdbpd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpd1              1        2024    16253887+  ee  GPT

Disk /dev/sdbow: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbow1              1        2011    16151487+  ee  GPT

Disk /dev/sdbpb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpb1              1        2024    16253887+  ee  GPT

Disk /dev/sdbpa: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpa1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
     phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
     phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbpf: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpf1              1        2011    16151487+  ee  GPT

Disk /dev/sdbpg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpg1              1        2011    16151487+  ee  GPT

Disk /dev/sdbpi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpi1              1        2011    16151487+  ee  GPT
```

```
Disk /dev/sdbpk: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpk1              1        8259    66337727+  ee  GPT

Disk /dev/sdbph: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbph1              1        2011    16151487+  ee  GPT

Disk /dev/sdbpj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpj1              1        2011    16151487+  ee  GPT

Disk /dev/sdbpl: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpl1              1        8259    66337727+  ee  GPT

Disk /dev/sdbpm: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpm1              1        1942    15598527+  ee  GPT

Disk /dev/sdbpq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpq1              1        2024    16253887+  ee  GPT

Disk /dev/sdbpo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpo1              1        2024    16253887+  ee  GPT

Disk /dev/sdbpp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpp1              1        2024    16253887+  ee  GPT

Disk /dev/sdbpn: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpn1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbpr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpr1              1        2024    16253887+  ee  GPT

Disk /dev/sdbps: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbps1              1        2011    16151487+  ee  GPT

Disk /dev/sdbpt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpt1              1        2011    16151487+  ee  GPT

Disk /dev/sdbpu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpu1              1        2011    16151487+  ee  GPT

Disk /dev/sdbpw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpw1              1        2011    16151487+  ee  GPT

Disk /dev/sdbpv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpv1              1        2011    16151487+  ee  GPT

Disk /dev/sdbpx: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpx1              1        8259    66337727+  ee  GPT

Disk /dev/sdbpz: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpz1              1        1942    15598527+  ee  GPT
```

```
Disk /dev/sdbqa: 29 MB, 29294592 bytes
255 heads, 63 sectors/track, 3 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqa1              1           4       28607+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(3, 143, 12)

Disk /dev/sdbpy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbpy1              1        8259    66337727+  ee  GPT

Disk /dev/sdbqe: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqe1              1        2024    16253887+  ee  GPT

Disk /dev/sdbqc: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqc1              1        2024    16253887+  ee  GPT

Disk /dev/sdbqb: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqb1              1        2024    16253887+  ee  GPT

Disk /dev/sdbqd: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqd1              1        2024    16253887+  ee  GPT

Disk /dev/sdbqf: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqf1              1        2011    16151487+  ee  GPT

Disk /dev/sdbqg: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqg1              1        2011    16151487+  ee  GPT

Disk /dev/sdbqh: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqh1              1        2011    16151487+  ee  GPT

Disk /dev/sdbqm: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqm1              1        1942    15598527+  ee  GPT

Disk /dev/sdbqj: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqj1              1        2011    16151487+  ee  GPT

Disk /dev/sdbqk: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqk1              1        8259    66337727+  ee  GPT

Disk /dev/sdbqi: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqi1              1        2011    16151487+  ee  GPT

Disk /dev/sdbql: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbql1              1        8259    66337727+  ee  GPT

Disk /dev/sdbqn: 2150 MB, 2150563840 bytes
255 heads, 63 sectors/track, 261 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqn1              1         262     2100159+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(261, 116, 47)

Disk /dev/sdbqt: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqt1              1        2011    16151487+  ee  GPT

Disk /dev/sdbqp: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqp1              1        2024    16253887+  ee  GPT

Disk /dev/sdbqq: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqq1              1        2024    16253887+  ee  GPT

Disk /dev/sdbqo: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqo1              1        2024    16253887+  ee  GPT

Disk /dev/sdbqr: 16.6 GB, 16643981312 bytes
255 heads, 63 sectors/track, 2023 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqr1              1        2024    16253887+  ee  GPT

Disk /dev/sdbqs: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqs1              1        2011    16151487+  ee  GPT

Disk /dev/sdbqu: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqu1              1        2011    16151487+  ee  GPT

Disk /dev/sdbqv: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqv1              1        2011    16151487+  ee  GPT

Disk /dev/sdbqw: 16.5 GB, 16539123712 bytes
255 heads, 63 sectors/track, 2010 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqw1              1        2011    16151487+  ee  GPT

Disk /dev/sdbqx: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqx1              1        8259    66337727+  ee  GPT

Disk /dev/sdbqy: 67.9 GB, 67929833472 bytes
255 heads, 63 sectors/track, 8258 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqy1              1        8259    66337727+  ee  GPT

Disk /dev/sdbra: 8192 MB, 8192458752 bytes
255 heads, 63 sectors/track, 996 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbra1              1         997     8000447+  ee  GPT
Partition 1 has different physical/logical beginnings (non-Linux?):
    phys=(0, 0, 1) logical=(0, 0, 2)
Partition 1 has different physical/logical endings:
    phys=(1023, 254, 63) logical=(996, 2, 30)

Disk /dev/sdbqz: 16.0 GB, 15972892672 bytes
255 heads, 63 sectors/track, 1941 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbqz1              1        1942    15598527+  ee  GPT

Disk /dev/sdbrb: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrb1              1        1586    12739519+  ee  GPT

Disk /dev/sdbrc: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrc1              1        1586    12739519+  ee  GPT

Disk /dev/sdbrf: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrf1              1        1586    12739519+  ee  GPT

Disk /dev/sdbrd: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrd1              1        1586    12739519+  ee  GPT

Disk /dev/sdbrh: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrh1              1        1586    12739519+  ee  GPT

Disk /dev/sdbrg: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrg1              1        1586    12739519+  ee  GPT

Disk /dev/sdbrk: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrk1              1        1586    12739519+  ee  GPT

Disk /dev/sdbre: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbre1              1        1586    12739519+  ee  GPT

Disk /dev/sdbrl: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrl1              1        1586    12739519+  ee  GPT

Disk /dev/sdbri: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbri1              1        1586    12739519+  ee  GPT

Disk /dev/sdbrj: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrj1              1        1586    12739519+  ee  GPT

Disk /dev/sdbrm: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrm1              1        1586    12739519+  ee  GPT

Disk /dev/sdbrn: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrn1              1        1586    12739519+  ee  GPT

Disk /dev/sdbrq: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrq1              1        1586    12739519+  ee  GPT

Disk /dev/sdbro: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbro1              1        1586    12739519+  ee  GPT

Disk /dev/sdbrp: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrp1              1        1586    12739519+  ee  GPT

Disk /dev/sdbrt: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrt1              1        1586    12739519+  ee  GPT

Disk /dev/sdbrv: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrv1              1        1586    12739519+  ee  GPT

Disk /dev/sdbrw: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrw1              1        1586    12739519+  ee  GPT

Disk /dev/sdbru: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbru1              1        1586    12739519+  ee  GPT

Disk /dev/sdbrs: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrs1              1        1586    12739519+  ee  GPT

Disk /dev/sdbrx: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrx1              1        1586    12739519+  ee  GPT

Disk /dev/sdbrr: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrr1              1        1586    12739519+  ee  GPT
```

```
Disk /dev/sdbrz: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbrz1              1        1586    12739519+  ee  GPT

Disk /dev/sdbry: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbry1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsa: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsa1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsb: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsb1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsc: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsc1              1        1586    12739519+  ee  GPT

Disk /dev/sdbse: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbse1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsd: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsd1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsh: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsh1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsf: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsf1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsj: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsj1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsg: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsg1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsi: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsi1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsk: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsk1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsl: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsl1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsm: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsm1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsn: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsn1              1        1586    12739519+  ee  GPT

Disk /dev/sdbso: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbso1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsq: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsq1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsr: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsr1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsp: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsp1              1        1586    12739519+  ee  GPT

Disk /dev/sdbss: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbss1              1        1586    12739519+  ee  GPT

Disk /dev/sdbst: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbst1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsu: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsu1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsv: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsv1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsw: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsw1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsx: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsx1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsy: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsy1              1        1586    12739519+  ee  GPT

Disk /dev/sdbsz: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbsz1              1        1586    12739519+  ee  GPT

Disk /dev/sdbta: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbta1              1        1586    12739519+  ee  GPT

Disk /dev/sdbtb: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbtb1              1        1586    12739519+  ee  GPT

Disk /dev/sdbtd: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbtd1              1        1586    12739519+  ee  GPT

Disk /dev/sdbtc: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbtc1              1        1586    12739519+  ee  GPT

Disk /dev/sdbte: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbte1              1        1586    12739519+  ee  GPT

Disk /dev/sdbtf: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbtf1              1        1586    12739519+  ee  GPT

Disk /dev/sdbtg: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
```

```
/dev/sdbtg1          1       1586   12739519+  ee  GPT

Disk /dev/sdbth: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbth1          1       1586   12739519+  ee  GPT

Disk /dev/sdbti: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbti1          1       1586   12739519+  ee  GPT

Disk /dev/sdbtj: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbtj1          1       1586   12739519+  ee  GPT

Disk /dev/sdbtl: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbtl1          1       1586   12739519+  ee  GPT

Disk /dev/sdbtk: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbtk1          1       1586   12739519+  ee  GPT

Disk /dev/sdbtm: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbtm1          1       1586   12739519+  ee  GPT

Disk /dev/sdbtn: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbtn1          1       1586   12739519+  ee  GPT

Disk /dev/sdbto: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbto1          1       1586   12739519+  ee  GPT

Disk /dev/sdbtp: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbtp1          1       1586   12739519+  ee  GPT

Disk /dev/sdbtq: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbtq1          1       1586   12739519+  ee  GPT

Disk /dev/sdbtr: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbtr1          1       1586   12739519+  ee  GPT

Disk /dev/sdbts: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbts1          1       1586   12739519+  ee  GPT

Disk /dev/sdbtu: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbtu1          1       1586   12739519+  ee  GPT

Disk /dev/sdbtv: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbtv1          1       1586   12739519+  ee  GPT

Disk /dev/sdbtw: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbtw1          1       1586   12739519+  ee  GPT

Disk /dev/sdbtt: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbtt1          1       1586   12739519+  ee  GPT

Disk /dev/sdbtx: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbtx1          1       1586   12739519+  ee  GPT

Disk /dev/sdbty: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbty1              1        1586    12739519+  ee  GPT

Disk /dev/sdbtz: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbtz1              1        1586    12739519+  ee  GPT

Disk /dev/sdbua: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbua1              1        1586    12739519+  ee  GPT

Disk /dev/sdbub: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbub1              1        1586    12739519+  ee  GPT

Disk /dev/sdbuc: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbuc1              1        1586    12739519+  ee  GPT

Disk /dev/sdbug: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbug1              1        1586    12739519+  ee  GPT

Disk /dev/sdbui: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbui1              1        1586    12739519+  ee  GPT

Disk /dev/sdbuj: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbuj1              1        1586    12739519+  ee  GPT

Disk /dev/sdbul: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbul1              1        1586    12739519+  ee  GPT

Disk /dev/sdbum: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbum1              1        1586    12739519+  ee  GPT

Disk /dev/sdbun: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbun1              1        1586    12739519+  ee  GPT

Disk /dev/sdbuk: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbuk1              1        1586    12739519+  ee  GPT

Disk /dev/sdbuo: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbuo1              1        1586    12739519+  ee  GPT

Disk /dev/sdbuq: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbuq1              1        1586    12739519+  ee  GPT

Disk /dev/sdbup: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbup1              1        1586    12739519+  ee  GPT

Disk /dev/sdbus: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbus1              1        1586    12739519+  ee  GPT

Disk /dev/sdbur: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbur1              1        1586    12739519+  ee  GPT

Disk /dev/sdbut: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000
```

```
   Device Boot      Start         End      Blocks   Id  System
/dev/sdbut1              1        1586    12739519+  ee  GPT

Disk /dev/sdbue: 751.6 GB, 751619211264 bytes
255 heads, 63 sectors/track, 91379 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbue1              1       91380   734003135+  ee  GPT

Disk /dev/sdbud: 751.6 GB, 751619211264 bytes
255 heads, 63 sectors/track, 91379 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbud1              1       91380   734003135+  ee  GPT

Disk /dev/sdbuv: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbuv1              1        1586    12739519+  ee  GPT

Disk /dev/sdbuu: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbuu1              1        1586    12739519+  ee  GPT

Disk /dev/sdbuw: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbuw1              1        1586    12739519+  ee  GPT

Disk /dev/sdbux: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbux1              1        1586    12739519+  ee  GPT

Disk /dev/sdbuz: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbuz1              1        1586    12739519+  ee  GPT

Disk /dev/sdbuf: 107.4 GB, 107374116864 bytes
255 heads, 63 sectors/track, 13054 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0xfedd0838

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbuf1              1       13055   104857535+  ee  GPT

Disk /dev/sdbvb: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvb1              1        1586    12739519+  ee  GPT

Disk /dev/sdbuy: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbuy1              1        1586    12739519+  ee  GPT

Disk /dev/sdbuh: 107.4 GB, 107374116864 bytes
255 heads, 63 sectors/track, 13054 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbuh1   *          2       13054   104848222+  bf  Solaris

Disk /dev/sdbva: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbva1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvc: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvc1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvd: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvd1              1        1586    12739519+  ee  GPT

Disk /dev/sdbve: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbve1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvg: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvg1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvf: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvf1              1        1586    12739519+  ee  GPT
```

```
Disk /dev/sdbvi: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvi1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvh: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvh1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvj: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvj1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvk: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvk1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvl: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvl1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvm: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvm1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvn: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvn1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvo: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvo1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvp: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvp1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvq: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvq1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvs: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvs1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvr: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvr1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvt: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvt1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvu: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvu1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvv: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvv1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvw: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvw1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvy: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvy1              1        1586    12739519+  ee  GPT

Disk /dev/sdbvx: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
```

```
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvx1             1        1586    12739519+  ee  GPT

Disk /dev/sdbvz: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbvz1             1        1586    12739519+  ee  GPT

Disk /dev/sdbwa: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwa1             1        1586    12739519+  ee  GPT

Disk /dev/sdbwb: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwb1             1        1586    12739519+  ee  GPT

Disk /dev/sdbwc: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwc1             1        1586    12739519+  ee  GPT

Disk /dev/sdbwd: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwd1             1        1586    12739519+  ee  GPT

Disk /dev/sdbwe: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwe1             1        1586    12739519+  ee  GPT

Disk /dev/sdbwf: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwf1             1        1586    12739519+  ee  GPT

Disk /dev/sdbwg: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwg1             1        1586    12739519+  ee  GPT

Disk /dev/sdbwh: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwh1             1        1586    12739519+  ee  GPT

Disk /dev/sdbwj: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwj1             1        1586    12739519+  ee  GPT

Disk /dev/sdbwi: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwi1             1        1586    12739519+  ee  GPT

Disk /dev/sdbwk: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwk1             1        1586    12739519+  ee  GPT

Disk /dev/sdbwl: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwl1             1        1586    12739519+  ee  GPT

Disk /dev/sdbwm: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwm1             1        1586    12739519+  ee  GPT

Disk /dev/sdbwn: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwn1             1        1586    12739519+  ee  GPT

Disk /dev/sdbwo: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwo1             1        1586    12739519+  ee  GPT

Disk /dev/sdbwp: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
```

```
/dev/sdbwp1          1      1586   12739519+  ee  GPT

Disk /dev/sdbwq: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwq1          1      1586   12739519+  ee  GPT

Disk /dev/sdbws: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbws1          1      1586   12739519+  ee  GPT

Disk /dev/sdbwr: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwr1          1      1586   12739519+  ee  GPT

Disk /dev/sdbwt: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwt1          1      1586   12739519+  ee  GPT

Disk /dev/sdbwu: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwu1          1      1586   12739519+  ee  GPT

Disk /dev/sdbwv: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwv1          1      1586   12739519+  ee  GPT

Disk /dev/sdbww: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbww1          1      1586   12739519+  ee  GPT

Disk /dev/sdbwx: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwx1          1      1586   12739519+  ee  GPT

Disk /dev/sdbwy: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwy1          1      1586   12739519+  ee  GPT

Disk /dev/sdbwz: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbwz1          1      1586   12739519+  ee  GPT

Disk /dev/sdbxa: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbxa1          1      1586   12739519+  ee  GPT

Disk /dev/sdbxb: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbxb1          1      1586   12739519+  ee  GPT

Disk /dev/sdbxc: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbxc1          1      1586   12739519+  ee  GPT

Disk /dev/sdbxd: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbxd1          1      1586   12739519+  ee  GPT

Disk /dev/sdbxf: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbxf1          1      1586   12739519+  ee  GPT

Disk /dev/sdbxe: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbxe1          1      1586   12739519+  ee  GPT

Disk /dev/sdbxg: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbxg1          1      1586   12739519+  ee  GPT

Disk /dev/sdbxh: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
```

```
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbxh1              1        1586    12739519+  ee  GPT

Disk /dev/sdbxi: 13.0 GB, 13045268480 bytes
255 heads, 63 sectors/track, 1585 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbxi1              1        1586    12739519+  ee  GPT

Disk /dev/sdbxk: 751.6 GB, 751619211264 bytes
255 heads, 63 sectors/track, 91379 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbxk1              1       91380   734003135+  ee  GPT

Disk /dev/sdbxj: 751.6 GB, 751619211264 bytes
255 heads, 63 sectors/track, 91379 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbxj1              1       91380   734003135+  ee  GPT

Disk /dev/sdbxl: 107.4 GB, 107374116864 bytes
255 heads, 63 sectors/track, 13054 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0xfedd0838

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbxl1              1       13055   104857535+  ee  GPT

Disk /dev/sdbxm: 107.4 GB, 107374116864 bytes
255 heads, 63 sectors/track, 13054 cylinders
Units = cylinders of 16065 * 512 = 8225280 bytes
Sector size (logical/physical): 512 bytes / 512 bytes
I/O size (minimum/optimal): 512 bytes / 512 bytes
Disk identifier: 0x00000000

   Device Boot      Start         End      Blocks   Id  System
/dev/sdbxm1   *          2       13054   104848222+  bf  Solaris
scsi_id
/dev/sda 3600605b0016298e0ff0000460454aeb8
/dev/sda1 3600605b0016298e0ff0000460454aeb8
/dev/sda2 3600605b0016298e0ff0000460454aeb8
/dev/sda3 3600605b0016298e0ff0000460454aeb8
/dev/sdaa 3600144f0e18d8e00000000000d01d216
/dev/sdaaa 3600144f0c4e70e00000000000d05d269
/dev/sdaab 3600144f019554e00000000000d04d101
/dev/sdaac 3600144f019554e00000000000d04d115
/dev/sdaad 3600144f019554e00000000000d04d129
/dev/sdaae 3600144f019554e00000000000d04d143
/dev/sdaaf 3600144f019554e00000000000d04d157
/dev/sdaag 3600144f019554e00000000000d04d171
/dev/sdaah 3600144f019554e00000000000d04d185
/dev/sdaai 3600144f019554e00000000000d04d199
/dev/sdaaj 3600144f019554e00000000000d04d213
/dev/sdaak 3600144f019554e00000000000d04d227
/dev/sdaal 3600144f019554e00000000000d04d241
/dev/sdaam 3600144f019554e00000000000d04d255
/dev/sdaan 3600144f019554e00000000000d04d269
/dev/sdaao 3600144f07d498e00000000000d03d101
/dev/sdaap 3600144f07d498e00000000000d03d115
/dev/sdaaq 3600144f07d498e00000000000d03d129
/dev/sdaar 3600144f07d498e00000000000d03d143
/dev/sdaas 3600144f07d498e00000000000d03d157
/dev/sdaat 3600144f07d498e00000000000d03d171
/dev/sdaau 3600144f07d498e00000000000d03d185
/dev/sdaav 3600144f07d498e00000000000d03d199
/dev/sdaaw 3600144f07d498e00000000000d03d213
/dev/sdaax 3600144f07d498e00000000000d03d227
/dev/sdaay 3600144f07d498e00000000000d03d241
/dev/sdaaz 3600144f07d498e00000000000d03d255
/dev/sdab 3600144f0e18d8e00000000000d01d245
/dev/sdaba 3600144f07d498e00000000000d03d269
/dev/sdabb 3600144f0ed35ce00000000000d07d101
/dev/sdabc 3600144f0ed35ce00000000000d07d115
/dev/sdabd 3600144f0ed35ce00000000000d07d129
/dev/sdabe 3600144f0ed35ce00000000000d07d143
/dev/sdabf 3600144f0ed35ce00000000000d07d157
/dev/sdabg 3600144f0ed35ce00000000000d07d171
/dev/sdabh 3600144f0ed35ce00000000000d07d185
/dev/sdabi 3600144f0ed35ce00000000000d07d199
/dev/sdabj 3600144f0e18d8e00000000000d01d102
/dev/sdabk 3600144f0ed35ce00000000000d07d213
/dev/sdabl 3600144f0e18d8e00000000000d01d116
/dev/sdabm 3600144f0ed35ce00000000000d07d227
/dev/sdabn 3600144f0e18d8e00000000000d01d130
/dev/sdabo 3600144f0ed35ce00000000000d07d241
/dev/sdabp 3600144f0e18d8e00000000000d01d144
/dev/sdabq 3600144f0ed35ce00000000000d07d255
/dev/sdabr 3600144f0e18d8e00000000000d01d158
/dev/sdabs 3600144f0e18d8e00000000000d01d172
/dev/sdabt 3600144f0ed35ce00000000000d07d269
/dev/sdabu 3600144f0e18d8e00000000000d01d186
/dev/sdabv 3600144f0e18d8e00000000000d01d200
/dev/sdabw 3600144f0e18d8e00000000000d01d214
/dev/sdabx 3600144f0e18d8e00000000000d01d228
/dev/sdaby 3600144f0e18d8e00000000000d01d242
/dev/sdabz 3600144f0e18d8e00000000000d01d256
/dev/sdac 3600144f0e18d8e00000000000d01d230
/dev/sdaca 3600144f0e18d8e00000000000d01d270
/dev/sdacb 3600144f078f08e00000000000d08d101
/dev/sdacc 3600144f09c8d8e00000000000d02d102
/dev/sdacd 3600144f078f08e00000000000d08d115
/dev/sdace 3600144f09c8d8e00000000000d02d116
/dev/sdacf 3600144f09c8d8e00000000000d02d130
/dev/sdacg 3600144f078f08e00000000000d08d129
/dev/sdach 3600144f09c8d8e00000000000d02d144
/dev/sdaci 3600144f078f08e00000000000d08d143
/dev/sdacj 3600144f09c8d8e00000000000d02d158
/dev/sdack 3600144f09c8d8e00000000000d02d172
/dev/sdacl 3600144f078f08e00000000000d08d157
/dev/sdacm 3600144f078f08e00000000000d08d171
/dev/sdacn 3600144f09c8d8e00000000000d02d186
/dev/sdaco 3600144f078f08e00000000000d08d185
/dev/sdacp 3600144f09c8d8e00000000000d02d200
/dev/sdacq 3600144f078f08e00000000000d08d199
/dev/sdacr 3600144f09c8d8e00000000000d02d214
/dev/sdacs 3600144f078f08e00000000000d08d213
/dev/sdact 3600144f09c8d8e00000000000d02d228
/dev/sdacu 3600144f078f08e00000000000d08d227
/dev/sdacv 3600144f09c8d8e00000000000d02d242
/dev/sdacw 3600144f078f08e00000000000d08d241
/dev/sdacx 3600144f09c8d8e00000000000d02d256
/dev/sdacy 3600144f078f08e00000000000d08d255
/dev/sdacz 3600144f078f08e00000000000d08d269
/dev/sdad 3600144f0e18d8e00000000000d01d244
/dev/sdada 3600144f09c8d8e00000000000d02d270
/dev/sdadb 3600144f07d498e00000000000d03d102
/dev/sdadc 3600144f059274e00000000000d10d101
/dev/sdadd 3600144f07d498e00000000000d03d116
/dev/sdade 3600144f07d498e00000000000d03d130
/dev/sdadf 3600144f059274e00000000000d10d115
/dev/sdadg 3600144f07d498e00000000000d03d144
/dev/sdadh 3600144f07d498e00000000000d03d158
/dev/sdadi 3600144f059274e00000000000d10d129
/dev/sdadj 3600144f07d498e00000000000d03d172
/dev/sdadk 3600144f07d498e00000000000d03d186
/dev/sdadl 3600144f059274e00000000000d10d143
/dev/sdadm 3600144f07d498e00000000000d03d200
/dev/sdadn 3600144f059274e00000000000d10d157
/dev/sdado 3600144f059274e00000000000d10d171
/dev/sdadp 3600144f07d498e00000000000d03d214
/dev/sdadq 3600144f059274e00000000000d10d185
/dev/sdadr 3600144f07d498e00000000000d03d228
/dev/sdads 3600144f059274e00000000000d10d199
/dev/sdadt 3600144f07d498e00000000000d03d242
/dev/sdadu 3600144f059274e00000000000d10d213
/dev/sdadv 3600144f07d498e00000000000d03d256
/dev/sdadw 3600144f059274e00000000000d10d227
/dev/sdadx 3600144f07d498e00000000000d03d270
/dev/sdady 3600144f059274e00000000000d10d241
/dev/sdadz 3600144f059274e00000000000d10d255
/dev/sdae 3600144f0e18d8e00000000000d01d259
/dev/sdaea 3600144f059274e00000000000d10d269
/dev/sdaeb 3600144f0c4e70e00000000000d05d102
```

/dev/sdaec 3600144f0c4e70e00000000000d05d116
/dev/sdaed 3600144f08129ce00000000000d09d101
/dev/sdaee 3600144f0c4e70e00000000000d05d130
/dev/sdaef 3600144f0c4e70e00000000000d05d144
/dev/sdaeg 3600144f0c4e70e00000000000d05d158
/dev/sdaeh 3600144f08129ce00000000000d09d115
/dev/sdaei 3600144f0c4e70e00000000000d05d172
/dev/sdaej 3600144f08129ce00000000000d09d129
/dev/sdaek 3600144f0c4e70e00000000000d05d186
/dev/sdael 3600144f0c4e70e00000000000d05d200
/dev/sdaem 3600144f08129ce00000000000d09d143
/dev/sdaen 3600144f08129ce00000000000d09d157
/dev/sdaeo 3600144f0c4e70e00000000000d05d214
/dev/sdaep 3600144f08129ce00000000000d09d171
/dev/sdaeq 3600144f0c4e70e00000000000d05d228
/dev/sdaer 3600144f0c4e70e00000000000d05d242
/dev/sdaes 3600144f08129ce00000000000d09d185
/dev/sdaet 3600144f0c4e70e00000000000d05d256
/dev/sdaeu 3600144f08129ce00000000000d09d199
/dev/sdaev 3600144f0c4e70e00000000000d05d270
/dev/sdaew 3600144f08129ce00000000000d09d213
/dev/sdaex 3600144f08129ce00000000000d09d227
/dev/sdaey 3600144f08129ce00000000000d09d241
/dev/sdaez 3600144f019554e00000000000d04d102
/dev/sdaf 3600144f0e18d8e00000000000d01d258
/dev/sdafa 3600144f08129ce00000000000d09d255
/dev/sdafb 3600144f08129ce00000000000d09d269
/dev/sdafc 3600144f019554e00000000000d04d116
/dev/sdafd 3600144f08452ce00000000000d06d101
/dev/sdafe 3600144f019554e00000000000d04d130
/dev/sdaff 3600144f08452ce00000000000d06d115
/dev/sdafg 3600144f019554e00000000000d04d144
/dev/sdafh 3600144f08452ce00000000000d06d129
/dev/sdafi 3600144f08452ce00000000000d06d143
/dev/sdafj 3600144f019554e00000000000d04d158
/dev/sdafk 3600144f08452ce00000000000d06d157
/dev/sdafl 3600144f019554e00000000000d04d172
/dev/sdafm 3600144f08452ce00000000000d06d171
/dev/sdafn 3600144f019554e00000000000d04d186
/dev/sdafo 3600144f08452ce00000000000d06d185
/dev/sdafp 3600144f019554e00000000000d04d200
/dev/sdafq 3600144f08452ce00000000000d06d199
/dev/sdafr 3600144f019554e00000000000d04d214
/dev/sdafs 3600144f08452ce00000000000d06d213
/dev/sdaft 3600144f019554e00000000000d04d228
/dev/sdafu 3600144f08452ce00000000000d06d227
/dev/sdafv 3600144f019554e00000000000d04d242
/dev/sdafw 3600144f08452ce00000000000d06d241
/dev/sdafx 3600144f019554e00000000000d04d256
/dev/sdafy 3600144f08452ce00000000000d06d255
/dev/sdafz 3600144f019554e00000000000d04d270
/dev/sdag 3600144f0e18d8e00000000000d01d273
/dev/sdaga 3600144f08452ce00000000000d06d269
/dev/sdagb 3600144f0ed35ce00000000000d07d102
/dev/sdagc 3600144f0ed35ce00000000000d07d116
/dev/sdagd 3600144f0ed35ce00000000000d07d130
/dev/sdage 3600144f0ed35ce00000000000d07d144
/dev/sdagf 3600144f0ed35ce00000000000d07d158
/dev/sdagg 3600144f0ed35ce00000000000d07d172
/dev/sdagh 3600144f0ed35ce00000000000d07d186
/dev/sdagi 3600144f0ed35ce00000000000d07d200
/dev/sdagj 3600144f0ed35ce00000000000d07d214
/dev/sdagk 3600144f0ed35ce00000000000d07d228
/dev/sdagl 3600144f0ed35ce00000000000d07d242
/dev/sdagm 3600144f0ed35ce00000000000d07d256
/dev/sdagn 3600144f0ed35ce00000000000d07d270
/dev/sdago 3600144f078f08e00000000000d08d102
/dev/sdagp 3600144f078f08e00000000000d08d116
/dev/sdagq 3600144f078f08e00000000000d08d130
/dev/sdagr 3600144f078f08e00000000000d08d144
/dev/sdags 3600144f078f08e00000000000d08d158
/dev/sdagt 3600144f078f08e00000000000d08d172
/dev/sdagu 3600144f078f08e00000000000d08d186
/dev/sdagv 3600144f078f08e00000000000d08d200
/dev/sdagw 3600144f078f08e00000000000d08d214
/dev/sdagx 3600144f078f08e00000000000d08d228
/dev/sdagy 3600144f078f08e00000000000d08d242
/dev/sdagz 3600144f078f08e00000000000d08d256
/dev/sdah 3600144f0e18d8e00000000000d01d272
/dev/sdaha 3600144f078f08e00000000000d08d270
/dev/sdahb 3600144f059274e00000000000d10d102
/dev/sdahc 3600144f059274e00000000000d10d116
/dev/sdahd 3600144f059274e00000000000d10d130
/dev/sdahe 3600144f059274e00000000000d10d144
/dev/sdahf 3600144f059274e00000000000d10d158
/dev/sdahg 3600144f059274e00000000000d10d172
/dev/sdahh 3600144f0c4e70e00000000000d05d106
/dev/sdahi 3600144f059274e00000000000d10d186
/dev/sdahj 3600144f0c4e70e00000000000d05d120
/dev/sdahk 3600144f059274e00000000000d10d200
/dev/sdahl 3600144f0c4e70e00000000000d05d134
/dev/sdahm 3600144f059274e00000000000d10d214
/dev/sdahn 3600144f0c4e70e00000000000d05d148
/dev/sdaho 3600144f059274e00000000000d10d228
/dev/sdahp 3600144f0c4e70e00000000000d05d162
/dev/sdahq 3600144f059274e00000000000d10d242
/dev/sdahr 3600144f0c4e70e00000000000d05d176
/dev/sdahs 3600144f059274e00000000000d10d256
/dev/sdaht 3600144f0c4e70e00000000000d05d190
/dev/sdahu 3600144f059274e00000000000d10d270
/dev/sdahv 3600144f0c4e70e00000000000d05d204
/dev/sdahw 3600144f0c4e70e00000000000d05d218
/dev/sdahx 3600144f08129ce00000000000d09d102
/dev/sdahy 3600144f0c4e70e00000000000d05d232
/dev/sdahz 3600144f08129ce00000000000d09d116
/dev/sdai 3600144f09c8d8e00000000000d02d104
/dev/sdaia 3600144f0c4e70e00000000000d05d246
/dev/sdaib 3600144f08129ce00000000000d09d130
/dev/sdaic 3600144f0c4e70e00000000000d05d260
/dev/sdaid 3600144f08129ce00000000000d09d144
/dev/sdaie 3600144f0c4e70e00000000000d05d274
/dev/sdaif 3600144f08129ce00000000000d09d158
/dev/sdaig 3600144f08129ce00000000000d09d172
/dev/sdaih 3600144f08129ce00000000000d09d186
/dev/sdaii 3600144f08129ce00000000000d09d200
/dev/sdaij 3600144f08129ce00000000000d09d214
/dev/sdaik 3600144f08129ce00000000000d09d228
/dev/sdail 3600144f08129ce00000000000d09d242
/dev/sdaim 3600144f08129ce00000000000d09d256
/dev/sdain 3600144f08129ce00000000000d09d270
/dev/sdaio 3600144f08452ce00000000000d06d102
/dev/sdaip 3600144f08452ce00000000000d06d116
/dev/sdaiq 3600144f08452ce00000000000d06d130
/dev/sdair 3600144f08452ce00000000000d06d144
/dev/sdais 3600144f08452ce00000000000d06d158
/dev/sdait 3600144f08452ce00000000000d06d172
/dev/sdaiu 3600144f08452ce00000000000d06d186
/dev/sdaiv 3600144f08452ce00000000000d06d200
/dev/sdaiw 3600144f08452ce00000000000d06d214
/dev/sdaix 3600144f08452ce00000000000d06d228
/dev/sdaiy 3600144f08452ce00000000000d06d242
/dev/sdaiz 3600144f08452ce00000000000d06d256
/dev/sdaj 3600144f09c8d8e00000000000d02d118
/dev/sdaja 3600144f08452ce00000000000d06d270
/dev/sdajb 3600144f019554e00000000000d04d107
/dev/sdajc 3600144f019554e00000000000d04d121
/dev/sdajd 3600144f019554e00000000000d04d135
/dev/sdaje 3600144f019554e00000000000d04d149
/dev/sdajf 3600144f019554e00000000000d04d163
/dev/sdajg 3600144f019554e00000000000d04d177
/dev/sdajh 3600144f019554e00000000000d04d191
/dev/sdaji 3600144f019554e00000000000d04d205
/dev/sdajj 3600144f019554e00000000000d04d219
/dev/sdajk 3600144f019554e00000000000d04d233
/dev/sdajl 3600144f019554e00000000000d04d247
/dev/sdajm 3600144f019554e00000000000d04d261
/dev/sdajn 3600144f019554e00000000000d04d275
/dev/sdajo 3600144f0c4e70e00000000000d05d107
/dev/sdajp 3600144f0c4e70e00000000000d05d121
/dev/sdajq 3600144f0c4e70e00000000000d05d135
/dev/sdajr 3600144f0c4e70e00000000000d05d149
/dev/sdajs 3600144f0c4e70e00000000000d05d163
/dev/sdajt 3600144f0c4e70e00000000000d05d177
/dev/sdaju 3600144f0c4e70e00000000000d05d191
/dev/sdajv 3600144f0c4e70e00000000000d05d205
/dev/sdajw 3600144f0c4e70e00000000000d05d219
/dev/sdajx 3600144f0c4e70e00000000000d05d233
/dev/sdajy 3600144f0c4e70e00000000000d05d247
/dev/sdajz 3600144f0c4e70e00000000000d05d261
/dev/sdak 3600144f09c8d8e00000000000d02d105
/dev/sdaka 3600144f0c4e70e00000000000d05d275
/dev/sdakb 3600144f0ed35ce00000000000d07d107
/dev/sdakc 3600144f0ed35ce00000000000d07d121
/dev/sdakd 3600144f0ed35ce00000000000d07d135
/dev/sdake 3600144f0ed35ce00000000000d07d149
/dev/sdakf 3600144f0ed35ce00000000000d07d163
/dev/sdakg 3600144f0ed35ce00000000000d07d177
/dev/sdakh 3600144f0ed35ce00000000000d07d191
/dev/sdaki 3600144f0ed35ce00000000000d07d205
/dev/sdakj 3600144f0ed35ce00000000000d07d219
/dev/sdakk 3600144f0ed35ce00000000000d07d233
/dev/sdakl 3600144f0ed35ce00000000000d07d247
/dev/sdakm 3600144f0ed35ce00000000000d07d261
/dev/sdakn 3600144f0ed35ce00000000000d07d275

/dev/sdako 3600144f078f08e00000000000d08d107
/dev/sdakp 3600144f078f08e00000000000d08d121
/dev/sdakq 3600144f078f08e00000000000d08d135
/dev/sdakr 3600144f078f08e00000000000d08d149
/dev/sdaks 3600144f078f08e00000000000d08d163
/dev/sdakt 3600144f078f08e00000000000d08d177
/dev/sdaku 3600144f078f08e00000000000d08d191
/dev/sdakv 3600144f078f08e00000000000d08d205
/dev/sdakw 3600144f078f08e00000000000d08d219
/dev/sdakx 3600144f078f08e00000000000d08d233
/dev/sdaky 3600144f078f08e00000000000d08d247
/dev/sdakz 3600144f078f08e00000000000d08d261
/dev/sdal 3600144f09c8d8e00000000000d02d132
/dev/sdala 3600144f078f08e00000000000d08d275
/dev/sdalb 3600144f08129ce00000000000d09d107
/dev/sdalc 3600144f08129ce00000000000d09d121
/dev/sdald 3600144f08129ce00000000000d09d135
/dev/sdale 3600144f08129ce00000000000d09d149
/dev/sdalf 3600144f08129ce00000000000d09d163
/dev/sdalg 3600144f08129ce00000000000d09d177
/dev/sdalh 3600144f08129ce00000000000d09d191
/dev/sdali 3600144f08129ce00000000000d09d205
/dev/sdalj 3600144f08129ce00000000000d09d219
/dev/sdalk 3600144f08129ce00000000000d09d233
/dev/sdall 3600144f08129ce00000000000d09d247
/dev/sdalm 3600144f08129ce00000000000d09d261
/dev/sdaln 3600144f08129ce00000000000d09d275
/dev/sdalo 3600144f09c8d8e00000000000d02d107
/dev/sdalp 3600144f09c8d8e00000000000d02d121
/dev/sdalq 3600144f09c8d8e00000000000d02d135
/dev/sdalr 3600144f09c8d8e00000000000d02d149
/dev/sdals 3600144f09c8d8e00000000000d02d163
/dev/sdalt 3600144f09c8d8e00000000000d02d177
/dev/sdalu 3600144f0e18d8e00000000000d01d108
/dev/sdalv 3600144f09c8d8e00000000000d02d191
/dev/sdalw 3600144f09c8d8e00000000000d02d205
/dev/sdalx 3600144f0e18d8e00000000000d01d122
/dev/sdaly 3600144f09c8d8e00000000000d02d219
/dev/sdalz 3600144f0e18d8e00000000000d01d136
/dev/sdam 3600144f09c8d8e00000000000d02d119
/dev/sdama 3600144f09c8d8e00000000000d02d233
/dev/sdamb 3600144f0e18d8e00000000000d01d150
/dev/sdamc 3600144f09c8d8e00000000000d02d247
/dev/sdamd 3600144f0e18d8e00000000000d01d164
/dev/sdame 3600144f09c8d8e00000000000d02d261
/dev/sdamf 3600144f09c8d8e00000000000d02d275
/dev/sdamg 3600144f0e18d8e00000000000d01d178
/dev/sdamh 3600144f0e18d8e00000000000d01d107
/dev/sdami 3600144f0e18d8e00000000000d01d192
/dev/sdamj 3600144f0e18d8e00000000000d01d121
/dev/sdamk 3600144f0e18d8e00000000000d01d206
/dev/sdaml 3600144f0e18d8e00000000000d01d135
/dev/sdamm 3600144f0e18d8e00000000000d01d220
/dev/sdamn 3600144f0e18d8e00000000000d01d149
/dev/sdamo 3600144f0e18d8e00000000000d01d234
/dev/sdamp 3600144f0e18d8e00000000000d01d248
/dev/sdamq 3600144f0e18d8e00000000000d01d163
/dev/sdamr 3600144f0e18d8e00000000000d01d262
/dev/sdams 3600144f0e18d8e00000000000d01d177
/dev/sdamt 3600144f0e18d8e00000000000d01d276
/dev/sdamu 3600144f0e18d8e00000000000d01d191
/dev/sdamv 3600144f0e18d8e00000000000d01d205
/dev/sdamw 3600144f0e18d8e00000000000d01d219
/dev/sdamx 3600144f0c4e70e00000000000d05d108
/dev/sdamy 3600144f0e18d8e00000000000d01d233
/dev/sdamz 3600144f0e18d8e00000000000d01d247
/dev/sdan 3600144f09c8d8e00000000000d02d146
/dev/sdana 3600144f0e18d8e00000000000d01d261
/dev/sdanb 3600144f0c4e70e00000000000d05d122
/dev/sdanc 3600144f0e18d8e00000000000d01d275
/dev/sdand 3600144f0c4e70e00000000000d05d136
/dev/sdane 3600144f0c4e70e00000000000d05d150
/dev/sdanf 3600144f0c4e70e00000000000d05d164
/dev/sdang 3600144f0c4e70e00000000000d05d178
/dev/sdanh 3600144f0c4e70e00000000000d05d192
/dev/sdani 3600144f0c4e70e00000000000d05d206
/dev/sdanj 3600144f0c4e70e00000000000d05d220
/dev/sdank 3600144f059274e00000000000d10d107
/dev/sdanl 3600144f0c4e70e00000000000d05d234
/dev/sdanm 3600144f0c4e70e00000000000d05d248
/dev/sdann 3600144f059274e00000000000d10d121
/dev/sdano 3600144f0c4e70e00000000000d05d262
/dev/sdanp 3600144f059274e00000000000d10d135
/dev/sdanq 3600144f0c4e70e00000000000d05d276
/dev/sdanr 3600144f059274e00000000000d10d108
/dev/sdans 3600144f059274e00000000000d10d149
/dev/sdant 3600144f059274e00000000000d10d163
/dev/sdanu 3600144f059274e00000000000d10d122
/dev/sdanv 3600144f059274e00000000000d10d136
/dev/sdanw 3600144f059274e00000000000d10d177
/dev/sdanx 3600144f059274e00000000000d10d150
/dev/sdany 3600144f059274e00000000000d10d191
/dev/sdanz 3600144f059274e00000000000d10d164
/dev/sdao 3600144f09c8d8e00000000000d02d133
/dev/sdaoa 3600144f09c8d8e00000000000d02d109
/dev/sdaob 3600144f059274e00000000000d10d205
/dev/sdaoc 3600144f059274e00000000000d10d178
/dev/sdaod 3600144f09c8d8e00000000000d02d123
/dev/sdaoe 3600144f059274e00000000000d10d219
/dev/sdaof 3600144f09c8d8e00000000000d02d137
/dev/sdaog 3600144f059274e00000000000d10d192
/dev/sdaoh 3600144f059274e00000000000d10d233
/dev/sdaoi 3600144f059274e00000000000d10d206
/dev/sdaoj 3600144f09c8d8e00000000000d02d151
/dev/sdaok 3600144f059274e00000000000d10d247
/dev/sdaol 3600144f059274e00000000000d10d220
/dev/sdaom 3600144f059274e00000000000d10d261
/dev/sdaon 3600144f09c8d8e00000000000d02d165
/dev/sdaoo 3600144f059274e00000000000d10d275
/dev/sdaop 3600144f059274e00000000000d10d234
/dev/sdaoq 3600144f09c8d8e00000000000d02d179
/dev/sdaor 3600144f059274e00000000000d10d248
/dev/sdaos 3600144f09c8d8e00000000000d02d193
/dev/sdaot 3600144f059274e00000000000d10d262
/dev/sdaou 3600144f09c8d8e00000000000d02d207
/dev/sdaov 3600144f059274e00000000000d10d276
/dev/sdaow 3600144f09c8d8e00000000000d02d221
/dev/sdaox 3600144f07d498e00000000000d03d107
/dev/sdaoy 3600144f09c8d8e00000000000d02d235
/dev/sdaoz 3600144f0ed35ce00000000000d07d108
/dev/sdap 3600144f09c8d8e00000000000d02d160
/dev/sdapa 3600144f09c8d8e00000000000d02d249
/dev/sdapb 3600144f07d498e00000000000d03d121
/dev/sdapc 3600144f09c8d8e00000000000d02d263
/dev/sdapd 3600144f0ed35ce00000000000d07d122
/dev/sdape 3600144f07d498e00000000000d03d135
/dev/sdapf 3600144f09c8d8e00000000000d02d277
/dev/sdapg 3600144f07d498e00000000000d03d149
/dev/sdaph 3600144f0ed35ce00000000000d07d136
/dev/sdapi 3600144f07d498e00000000000d03d163
/dev/sdapj 3600144f0ed35ce00000000000d07d150
/dev/sdapk 3600144f07d498e00000000000d03d109
/dev/sdapl 3600144f07d498e00000000000d03d177
/dev/sdapm 3600144f0ed35ce00000000000d07d164
/dev/sdapn 3600144f07d498e00000000000d03d191
/dev/sdapo 3600144f07d498e00000000000d03d123
/dev/sdapp 3600144f0ed35ce00000000000d07d178
/dev/sdapq 3600144f07d498e00000000000d03d205
/dev/sdapr 3600144f07d498e00000000000d03d137
/dev/sdaps 3600144f0ed35ce00000000000d07d192
/dev/sdapt 3600144f07d498e00000000000d03d219
/dev/sdapu 3600144f07d498e00000000000d03d151
/dev/sdapv 3600144f0ed35ce00000000000d07d206
/dev/sdapw 3600144f07d498e00000000000d03d165
/dev/sdapx 3600144f07d498e00000000000d03d233
/dev/sdapy 3600144f0ed35ce00000000000d07d220
/dev/sdapz 3600144f07d498e00000000000d03d179
/dev/sdaq 3600144f09c8d8e00000000000d02d147
/dev/sdaqa 3600144f07d498e00000000000d03d247
/dev/sdaqb 3600144f07d498e00000000000d03d193
/dev/sdaqc 3600144f0ed35ce00000000000d07d234
/dev/sdaqd 3600144f07d498e00000000000d03d261
/dev/sdaqe 3600144f07d498e00000000000d03d207
/dev/sdaqf 3600144f0ed35ce00000000000d07d248
/dev/sdaqg 3600144f07d498e00000000000d03d275
/dev/sdaqh 3600144f07d498e00000000000d03d221
/dev/sdaqi 3600144f0ed35ce00000000000d07d262
/dev/sdaqj 3600144f08452ce00000000000d06d107
/dev/sdaqk 3600144f0ed35ce00000000000d07d276
/dev/sdaql 3600144f07d498e00000000000d03d235
/dev/sdaqm 3600144f07d498e00000000000d03d249
/dev/sdaqn 3600144f08452ce00000000000d06d121
/dev/sdaqo 3600144f07d498e00000000000d03d263
/dev/sdaqp 3600144f08452ce00000000000d06d135
/dev/sdaqq 3600144f07d498e00000000000d03d277
/dev/sdaqr 3600144f08452ce00000000000d06d149
/dev/sdaqs 3600144f019554e00000000000d04d108
/dev/sdaqt 3600144f019554e00000000000d04d109
/dev/sdaqu 3600144f08452ce00000000000d06d163
/dev/sdaqv 3600144f019554e00000000000d04d123
/dev/sdaqw 3600144f08452ce00000000000d06d177
/dev/sdaqx 3600144f019554e00000000000d04d122
/dev/sdaqy 3600144f08452ce00000000000d06d191
/dev/sdaqz 3600144f019554e00000000000d04d137

/dev/sdar 3600144f09c8d8e00000000000d02d174
/dev/sdara 3600144f019554e00000000000d04d136
/dev/sdarb 3600144f019554e00000000000d04d151
/dev/sdarc 3600144f08452ce00000000000d06d205
/dev/sdard 3600144f019554e00000000000d04d165
/dev/sdare 3600144f019554e00000000000d04d150
/dev/sdarf 3600144f019554e00000000000d04d179
/dev/sdarg 3600144f08452ce00000000000d06d219
/dev/sdarh 3600144f019554e00000000000d04d193
/dev/sdari 3600144f08452ce00000000000d06d233
/dev/sdarj 3600144f019554e00000000000d04d164
/dev/sdark 3600144f08452ce00000000000d06d247
/dev/sdarl 3600144f019554e00000000000d04d207
/dev/sdarm 3600144f08452ce00000000000d06d261
/dev/sdarn 3600144f019554e00000000000d04d178
/dev/sdaro 3600144f019554e00000000000d04d221
/dev/sdarp 3600144f08452ce00000000000d06d275
/dev/sdarq 3600144f019554e00000000000d04d192
/dev/sdarr 3600144f019554e00000000000d04d235
/dev/sdars 3600144f019554e00000000000d04d206
/dev/sdart 3600144f019554e00000000000d04d249
/dev/sdaru 3600144f019554e00000000000d04d220
/dev/sdarv 3600144f019554e00000000000d04d263
/dev/sdarw 3600144f019554e00000000000d04d234
/dev/sdarx 3600144f019554e00000000000d04d277
/dev/sdary 3600144f019554e00000000000d04d248
/dev/sdarz 3600144f019554e00000000000d04d262
/dev/sdas 3600144f09c8d8e00000000000d02d161
/dev/sdasa 3600144f0c4e70e00000000000d05d109
/dev/sdasb 3600144f019554e00000000000d04d276
/dev/sdasc 3600144f0c4e70e00000000000d05d123
/dev/sdasd 3600144f0c4e70e00000000000d05d137
/dev/sdase 3600144f08452ce00000000000d06d108
/dev/sdasf 3600144f0c4e70e00000000000d05d151
/dev/sdasg 3600144f08452ce00000000000d06d122
/dev/sdash 3600144f0c4e70e00000000000d05d165
/dev/sdasi 3600144f08452ce00000000000d06d136
/dev/sdasj 3600144f0c4e70e00000000000d05d179
/dev/sdask 3600144f08452ce00000000000d06d150
/dev/sdasl 3600144f08452ce00000000000d06d164
/dev/sdasm 3600144f0c4e70e00000000000d05d193
/dev/sdasn 3600144f08452ce00000000000d06d178
/dev/sdaso 3600144f0c4e70e00000000000d05d207
/dev/sdasp 3600144f08452ce00000000000d06d192
/dev/sdasq 3600144f0c4e70e00000000000d05d221
/dev/sdasr 3600144f08452ce00000000000d06d206
/dev/sdass 3600144f0c4e70e00000000000d05d235
/dev/sdast 3600144f08452ce00000000000d06d220
/dev/sdasu 3600144f0c4e70e00000000000d05d249
/dev/sdasv 3600144f08452ce00000000000d06d234
/dev/sdasw 3600144f0c4e70e00000000000d05d263
/dev/sdasx 3600144f08452ce00000000000d06d248
/dev/sdasy 3600144f0c4e70e00000000000d05d277
/dev/sdasz 3600144f08452ce00000000000d06d262
/dev/sdat 3600144f09c8d8e00000000000d02d188
/dev/sdata 3600144f08452ce00000000000d06d276
/dev/sdatb 3600144f0ed35ce00000000000d07d109
/dev/sdatc 3600144f0ed35ce00000000000d07d123
/dev/sdatd 3600144f0ed35ce00000000000d07d137
/dev/sdate 3600144f078f08e00000000000d08d108
/dev/sdatf 3600144f0ed35ce00000000000d07d151
/dev/sdatg 3600144f078f08e00000000000d08d122
/dev/sdath 3600144f0ed35ce00000000000d07d165
/dev/sdati 3600144f078f08e00000000000d08d136
/dev/sdatj 3600144f0ed35ce00000000000d07d179
/dev/sdatk 3600144f078f08e00000000000d08d150
/dev/sdatl 3600144f0ed35ce00000000000d07d193
/dev/sdatm 3600144f078f08e00000000000d08d164
/dev/sdatn 3600144f0ed35ce00000000000d07d207
/dev/sdato 3600144f078f08e00000000000d08d178
/dev/sdatp 3600144f0ed35ce00000000000d07d221
/dev/sdatq 3600144f078f08e00000000000d08d192
/dev/sdatr 3600144f0ed35ce00000000000d07d235
/dev/sdats 3600144f078f08e00000000000d08d206
/dev/sdatt 3600144f0ed35ce00000000000d07d249
/dev/sdatu 3600144f078f08e00000000000d08d220
/dev/sdatv 3600144f0ed35ce00000000000d07d263
/dev/sdatw 3600144f078f08e00000000000d08d234
/dev/sdatx 3600144f0ed35ce00000000000d07d277
/dev/sdaty 3600144f078f08e00000000000d08d248
/dev/sdatz 3600144f078f08e00000000000d08d262
/dev/sdau 3600144f09c8d8e00000000000d02d175
/dev/sdaua 3600144f078f08e00000000000d08d109
/dev/sdaub 3600144f078f08e00000000000d08d276
/dev/sdauc 3600144f09c8d8e00000000000d02d108
/dev/sdaud 3600144f078f08e00000000000d08d123
/dev/sdaue 3600144f09c8d8e00000000000d02d122
/dev/sdauf 3600144f078f08e00000000000d08d137
/dev/sdaug 3600144f078f08e00000000000d08d151
/dev/sdauh 3600144f09c8d8e00000000000d02d136
/dev/sdaui 3600144f078f08e00000000000d08d165
/dev/sdauj 3600144f09c8d8e00000000000d02d150
/dev/sdauk 3600144f078f08e00000000000d08d179
/dev/sdaul 3600144f09c8d8e00000000000d02d164
/dev/sdaum 3600144f078f08e00000000000d08d193
/dev/sdaun 3600144f09c8d8e00000000000d02d178
/dev/sdauo 3600144f078f08e00000000000d08d207
/dev/sdaup 3600144f09c8d8e00000000000d02d192
/dev/sdauq 3600144f078f08e00000000000d08d221
/dev/sdaur 3600144f09c8d8e00000000000d02d206
/dev/sdaus 3600144f078f08e00000000000d08d235
/dev/sdaut 3600144f09c8d8e00000000000d02d220
/dev/sdauu 3600144f078f08e00000000000d08d249
/dev/sdauv 3600144f09c8d8e00000000000d02d234
/dev/sdauw 3600144f078f08e00000000000d08d263
/dev/sdaux 3600144f078f08e00000000000d08d277
/dev/sdauy 3600144f09c8d8e00000000000d02d248
/dev/sdauz 3600144f09c8d8e00000000000d02d262
/dev/sdav 3600144f09c8d8e00000000000d02d202
/dev/sdava 3600144f09c8d8e00000000000d02d276
/dev/sdavb 3600144f08129ce00000000000d09d109
/dev/sdavc 3600144f07d498e00000000000d03d108
/dev/sdavd 3600144f08129ce00000000000d09d123
/dev/sdave 3600144f07d498e00000000000d03d122
/dev/sdavf 3600144f08129ce00000000000d09d137
/dev/sdavg 3600144f07d498e00000000000d03d136
/dev/sdavh 3600144f08129ce00000000000d09d151
/dev/sdavi 3600144f07d498e00000000000d03d150
/dev/sdavj 3600144f08129ce00000000000d09d165
/dev/sdavk 3600144f07d498e00000000000d03d164
/dev/sdavl 3600144f08129ce00000000000d09d179
/dev/sdavm 3600144f07d498e00000000000d03d178
/dev/sdavn 3600144f07d498e00000000000d03d192
/dev/sdavo 3600144f08129ce00000000000d09d193
/dev/sdavp 3600144f07d498e00000000000d03d206
/dev/sdavq 3600144f08129ce00000000000d09d207
/dev/sdavr 3600144f07d498e00000000000d03d220
/dev/sdavs 3600144f08129ce00000000000d09d221
/dev/sdavt 3600144f07d498e00000000000d03d234
/dev/sdavu 3600144f08129ce00000000000d09d235
/dev/sdavv 3600144f07d498e00000000000d03d248
/dev/sdavw 3600144f08129ce00000000000d09d249
/dev/sdavx 3600144f07d498e00000000000d03d262
/dev/sdavy 3600144f08129ce00000000000d09d263
/dev/sdavz 3600144f07d498e00000000000d03d276
/dev/sdaw 3600144f09c8d8e00000000000d02d189
/dev/sdawa 3600144f08129ce00000000000d09d277
/dev/sdawb 3600144f08129ce00000000000d09d108
/dev/sdawc 3600144f059274e00000000000d10d109
/dev/sdawd 3600144f08129ce00000000000d09d122
/dev/sdawe 3600144f09c8d8e00000000000d02d103
/dev/sdawf 3600144f08129ce00000000000d09d136
/dev/sdawg 3600144f059274e00000000000d10d123
/dev/sdawh 3600144f08129ce00000000000d09d150
/dev/sdawi 3600144f09c8d8e00000000000d02d117
/dev/sdawj 3600144f059274e00000000000d10d137
/dev/sdawk 3600144f08129ce00000000000d09d164
/dev/sdawl 3600144f09c8d8e00000000000d02d131
/dev/sdawm 3600144f059274e00000000000d10d151
/dev/sdawn 3600144f08129ce00000000000d09d178
/dev/sdawo 3600144f09c8d8e00000000000d02d145
/dev/sdawp 3600144f059274e00000000000d10d165
/dev/sdawq 3600144f09c8d8e00000000000d02d159
/dev/sdawr 3600144f08129ce00000000000d09d192
/dev/sdaws 3600144f059274e00000000000d10d179
/dev/sdawt 3600144f09c8d8e00000000000d02d173
/dev/sdawu 3600144f08129ce00000000000d09d206
/dev/sdawv 3600144f059274e00000000000d10d193
/dev/sdaww 3600144f09c8d8e00000000000d02d187
/dev/sdawx 3600144f08129ce00000000000d09d220
/dev/sdawy 3600144f059274e00000000000d10d207
/dev/sdawz 3600144f09c8d8e00000000000d02d201
/dev/sdax 3600144f09c8d8e00000000000d02d216
/dev/sdaxa 3600144f08129ce00000000000d09d234
/dev/sdaxb 3600144f09c8d8e00000000000d02d215
/dev/sdaxc 3600144f059274e00000000000d10d221
/dev/sdaxd 3600144f08129ce00000000000d09d248
/dev/sdaxe 3600144f09c8d8e00000000000d02d229
/dev/sdaxf 3600144f08129ce00000000000d09d262
/dev/sdaxg 3600144f059274e00000000000d10d235
/dev/sdaxh 3600144f09c8d8e00000000000d02d243
/dev/sdaxi 3600144f059274e00000000000d10d249
/dev/sdaxj 3600144f09c8d8e00000000000d02d257
/dev/sdaxk 3600144f08129ce00000000000d09d276

```
/dev/sdaxl 3600144f059274e00000000000d10d263
/dev/sdaxm 3600144f09c8d8e00000000000d02d271
/dev/sdaxn 3600144f059274e00000000000d10d277
/dev/sdaxo 3600144f07d498e00000000000d03d103
/dev/sdaxp 3600144f08452ce00000000000d06d109
/dev/sdaxq 3600144f07d498e00000000000d03d117
/dev/sdaxr 3600144f08452ce00000000000d06d123
/dev/sdaxs 3600144f07d498e00000000000d03d131
/dev/sdaxt 3600144f08452ce00000000000d06d137
/dev/sdaxu 3600144f07d498e00000000000d03d145
/dev/sdaxv 3600144f07d498e00000000000d03d159
/dev/sdaxw 3600144f08452ce00000000000d06d151
/dev/sdaxx 3600144f07d498e00000000000d03d173
/dev/sdaxy 3600144f08452ce00000000000d06d165
/dev/sdaxz 3600144f07d498e00000000000d03d187
/dev/sday 3600144f09c8d8e00000000000d02d203
/dev/sdaya 3600144f07d498e00000000000d03d201
/dev/sdayb 3600144f08452ce00000000000d06d179
/dev/sdayc 3600144f07d498e00000000000d03d215
/dev/sdayd 3600144f08452ce00000000000d06d193
/dev/sdaye 3600144f07d498e00000000000d03d229
/dev/sdayf 3600144f08452ce00000000000d06d207
/dev/sdayg 3600144f07d498e00000000000d03d243
/dev/sdayh 3600144f08452ce00000000000d06d221
/dev/sdayi 3600144f07d498e00000000000d03d257
/dev/sdayj 3600144f07d498e00000000000d03d271
/dev/sdayk 3600144f08452ce00000000000d06d235
/dev/sdayl 3600144f08452ce00000000000d06d249
/dev/sdaym 3600144f078f08e00000000000d08d103
/dev/sdayn 3600144f08452ce00000000000d06d263
/dev/sdayo 3600144f078f08e00000000000d08d117
/dev/sdayp 3600144f08452ce00000000000d06d277
/dev/sdayq 3600144f078f08e00000000000d08d131
/dev/sdayr 3600144f078f08e00000000000d08d145
/dev/sdays 3600144f078f08e00000000000d08d159
/dev/sdayt 3600144f078f08e00000000000d08d173
/dev/sdayu 3600144f078f08e00000000000d08d187
/dev/sdayv 3600144f078f08e00000000000d08d201
/dev/sdayw 3600144f078f08e00000000000d08d215
/dev/sdayx 3600144f078f08e00000000000d08d229
/dev/sdayy 3600144f078f08e00000000000d08d243
/dev/sdayz 3600144f078f08e00000000000d08d257
/dev/sdaz 3600144f09c8d8e00000000000d02d230
/dev/sdaza 3600144f078f08e00000000000d08d271
/dev/sdazb 3600144f0c4e70e00000000000d05d103
/dev/sdazc 3600144f0c4e70e00000000000d05d117
/dev/sdazd 3600144f0c4e70e00000000000d05d131
/dev/sdaze 3600144f0c4e70e00000000000d05d145
/dev/sdazf 3600144f0c4e70e00000000000d05d159
/dev/sdazg 3600144f0c4e70e00000000000d05d173
/dev/sdazh 3600144f0c4e70e00000000000d05d187
/dev/sdazi 3600144f0c4e70e00000000000d05d201
/dev/sdazj 3600144f0c4e70e00000000000d05d215
/dev/sdazk 3600144f0c4e70e00000000000d05d229
/dev/sdazl 3600144f0c4e70e00000000000d05d243
/dev/sdazm 3600144f0c4e70e00000000000d05d257
/dev/sdazn 3600144f0c4e70e00000000000d05d271
/dev/sdazo 3600144f0e18d8e00000000000d01d103
/dev/sdazp 3600144f0e18d8e00000000000d01d117
/dev/sdazq 3600144f0e18d8e00000000000d01d131
/dev/sdazr 3600144f0e18d8e00000000000d01d145
/dev/sdazs 3600144f0e18d8e00000000000d01d159
/dev/sdazt 3600144f0e18d8e00000000000d01d173
/dev/sdazu 3600144f0e18d8e00000000000d01d187
/dev/sdazv 3600144f0e18d8e00000000000d01d201
/dev/sdazw 3600144f0e18d8e00000000000d01d215
/dev/sdazx 3600144f0e18d8e00000000000d01d229
/dev/sdazy 3600144f0e18d8e00000000000d01d243
/dev/sdazz 3600144f0e18d8e00000000000d01d257
/dev/sdb 3600605b001629a901385850e511b3336
/dev/sdb1 3600605b001629a901385850e511b3336
/dev/sdb2 3600605b001629a901385850e511b3336
/dev/sdb3 3600605b001629a901385850e511b3336
/dev/sdba 3600144f09c8d8e00000000000d02d217
/dev/sdbaa 3600144f0e18d8e00000000000d01d271
/dev/sdbab 3600144f0ed35ce00000000000d07d103
/dev/sdbac 3600144f0ed35ce00000000000d07d117
/dev/sdbad 3600144f0ed35ce00000000000d07d131
/dev/sdbae 3600144f0ed35ce00000000000d07d145
/dev/sdbaf 3600144f0ed35ce00000000000d07d159
/dev/sdbag 3600144f0ed35ce00000000000d07d173
/dev/sdbah 3600144f0ed35ce00000000000d07d187
/dev/sdbai 3600144f0ed35ce00000000000d07d201
/dev/sdbaj 3600144f0ed35ce00000000000d07d215
/dev/sdbak 3600144f0ed35ce00000000000d07d229
/dev/sdbal 3600144f0ed35ce00000000000d07d243
/dev/sdbam 3600144f0ed35ce00000000000d07d257
/dev/sdban 3600144f0ed35ce00000000000d07d271
/dev/sdbao 3600144f019554e00000000000d04d103
/dev/sdbap 3600144f019554e00000000000d04d117
/dev/sdbaq 3600144f019554e00000000000d04d131
/dev/sdbar 3600144f019554e00000000000d04d145
/dev/sdbas 3600144f019554e00000000000d04d159
/dev/sdbat 3600144f019554e00000000000d04d173
/dev/sdbau 3600144f019554e00000000000d04d187
/dev/sdbav 3600144f019554e00000000000d04d201
/dev/sdbaw 3600144f019554e00000000000d04d215
/dev/sdbax 3600144f019554e00000000000d04d229
/dev/sdbay 3600144f019554e00000000000d04d243
/dev/sdbaz 3600144f019554e00000000000d04d257
/dev/sdbb 3600144f09c8d8e00000000000d02d244
/dev/sdbba 3600144f019554e00000000000d04d271
/dev/sdbbb 3600144f08129ce00000000000d09d103
/dev/sdbbc 3600144f08129ce00000000000d09d117
/dev/sdbbd 3600144f08129ce00000000000d09d131
/dev/sdbbe 3600144f08129ce00000000000d09d145
/dev/sdbbf 3600144f08129ce00000000000d09d159
/dev/sdbbg 3600144f08129ce00000000000d09d173
/dev/sdbbh 3600144f08129ce00000000000d09d187
/dev/sdbbi 3600144f08129ce00000000000d09d201
/dev/sdbbj 3600144f08129ce00000000000d09d215
/dev/sdbbk 3600144f08129ce00000000000d09d229
/dev/sdbbl 3600144f08129ce00000000000d09d243
/dev/sdbbm 3600144f08129ce00000000000d09d257
/dev/sdbbn 3600144f08129ce00000000000d09d271
/dev/sdbbo 3600144f059274e00000000000d10d103
/dev/sdbbp 3600144f059274e00000000000d10d117
/dev/sdbbq 3600144f059274e00000000000d10d131
/dev/sdbbr 3600144f059274e00000000000d10d145
/dev/sdbbs 3600144f059274e00000000000d10d159
/dev/sdbbt 3600144f059274e00000000000d10d173
/dev/sdbbu 3600144f059274e00000000000d10d187
/dev/sdbbv 3600144f059274e00000000000d10d201
/dev/sdbbw 3600144f059274e00000000000d10d215
/dev/sdbbx 3600144f059274e00000000000d10d229
/dev/sdbby 3600144f059274e00000000000d10d243
/dev/sdbbz 3600144f059274e00000000000d10d257
/dev/sdbc 3600144f09c8d8e00000000000d02d231
/dev/sdbca 3600144f059274e00000000000d10d271
/dev/sdbcb 3600144f08452ce00000000000d06d103
/dev/sdbcc 3600144f08452ce00000000000d06d117
/dev/sdbcd 3600144f08452ce00000000000d06d131
/dev/sdbce 3600144f08452ce00000000000d06d145
/dev/sdbcf 3600144f08452ce00000000000d06d159
/dev/sdbcg 3600144f08452ce00000000000d06d173
/dev/sdbch 3600144f08452ce00000000000d06d187
/dev/sdbci 3600144f08452ce00000000000d06d201
/dev/sdbcj 3600144f08452ce00000000000d06d215
/dev/sdbck 3600144f08452ce00000000000d06d229
/dev/sdbcl 3600144f08452ce00000000000d06d243
/dev/sdbcm 3600144f08452ce00000000000d06d257
/dev/sdbcn 3600144f08452ce00000000000d06d271
/dev/sdbco 3600144f0ed35ce00000000000d07d112
/dev/sdbcp 3600144f0ed35ce00000000000d07d126
/dev/sdbcq 3600144f0ed35ce00000000000d07d140
/dev/sdbcr 3600144f0ed35ce00000000000d07d154
/dev/sdbcs 3600144f0ed35ce00000000000d07d168
/dev/sdbct 3600144f0ed35ce00000000000d07d182
/dev/sdbcu 3600144f0ed35ce00000000000d07d196
/dev/sdbcv 3600144f0ed35ce00000000000d07d210
/dev/sdbcw 3600144f0ed35ce00000000000d07d224
/dev/sdbcx 3600144f0ed35ce00000000000d07d238
/dev/sdbcy 3600144f0ed35ce00000000000d07d252
/dev/sdbcz 3600144f0ed35ce00000000000d07d266
/dev/sdbd 3600144f09c8d8e00000000000d02d258
/dev/sdbda 3600144f0ed35ce00000000000d07d280
/dev/sdbdb 3600144f078f08e00000000000d08d112
/dev/sdbdc 3600144f078f08e00000000000d08d126
/dev/sdbdd 3600144f078f08e00000000000d08d140
/dev/sdbde 3600144f078f08e00000000000d08d154
/dev/sdbdf 3600144f078f08e00000000000d08d168
/dev/sdbdg 3600144f078f08e00000000000d08d182
/dev/sdbdh 3600144f078f08e00000000000d08d196
/dev/sdbdi 3600144f078f08e00000000000d08d210
/dev/sdbdj 3600144f078f08e00000000000d08d224
/dev/sdbdk 3600144f078f08e00000000000d08d238
/dev/sdbdl 3600144f078f08e00000000000d08d252
/dev/sdbdm 3600144f078f08e00000000000d08d266
/dev/sdbdn 3600144f078f08e00000000000d08d280
/dev/sdbdo 3600144f08452ce00000000000d06d112
/dev/sdbdp 3600144f08452ce00000000000d06d126
/dev/sdbdq 3600144f08452ce00000000000d06d140
/dev/sdbdr 3600144f08452ce00000000000d06d154
/dev/sdbds 3600144f08452ce00000000000d06d168
```

/dev/sdbdt 3600144f08452ce00000000000d06d182
/dev/sdbdu 3600144f08452ce00000000000d06d196
/dev/sdbdv 3600144f08452ce00000000000d06d210
/dev/sdbdw 3600144f08452ce00000000000d06d224
/dev/sdbdx 3600144f08452ce00000000000d06d238
/dev/sdbdy 3600144f08452ce00000000000d06d252
/dev/sdbdz 3600144f08452ce00000000000d06d266
/dev/sdbe 3600144f09c8d8e00000000000d02d245
/dev/sdbea 3600144f08452ce00000000000d06d280
/dev/sdbeb 3600144f0c4e70e00000000000d05d112
/dev/sdbec 3600144f0c4e70e00000000000d05d126
/dev/sdbed 3600144f0c4e70e00000000000d05d140
/dev/sdbee 3600144f0c4e70e00000000000d05d154
/dev/sdbef 3600144f0c4e70e00000000000d05d168
/dev/sdbeg 3600144f0c4e70e00000000000d05d182
/dev/sdbeh 3600144f0c4e70e00000000000d05d196
/dev/sdbei 3600144f0c4e70e00000000000d05d210
/dev/sdbej 3600144f0c4e70e00000000000d05d224
/dev/sdbek 3600144f0c4e70e00000000000d05d238
/dev/sdbel 3600144f0c4e70e00000000000d05d252
/dev/sdbem 3600144f0c4e70e00000000000d05d266
/dev/sdben 3600144f0c4e70e00000000000d05d280
/dev/sdbeo 3600144f08129ce00000000000d09d112
/dev/sdbep 3600144f08129ce00000000000d09d126
/dev/sdbeq 3600144f08129ce00000000000d09d140
/dev/sdber 3600144f08129ce00000000000d09d154
/dev/sdbes 3600144f08129ce00000000000d09d168
/dev/sdbet 3600144f08129ce00000000000d09d182
/dev/sdbeu 3600144f08129ce00000000000d09d196
/dev/sdbev 3600144f08129ce00000000000d09d210
/dev/sdbew 3600144f08129ce00000000000d09d224
/dev/sdbex 3600144f08129ce00000000000d09d238
/dev/sdbey 3600144f08129ce00000000000d09d252
/dev/sdbez 3600144f08129ce00000000000d09d266
/dev/sdbf 3600144f09c8d8e00000000000d02d272
/dev/sdbfa 3600144f08129ce00000000000d09d280
/dev/sdbfb 3600144f0e18d8e00000000000d01d112
/dev/sdbfc 3600144f0e18d8e00000000000d01d126
/dev/sdbfd 3600144f0e18d8e00000000000d01d140
/dev/sdbfe 3600144f0e18d8e00000000000d01d154
/dev/sdbff 3600144f0e18d8e00000000000d01d168
/dev/sdbfg 3600144f0e18d8e00000000000d01d182
/dev/sdbfh 3600144f0e18d8e00000000000d01d196
/dev/sdbfi 3600144f0e18d8e00000000000d01d210
/dev/sdbfj 3600144f0e18d8e00000000000d01d224
/dev/sdbfk 3600144f0e18d8e00000000000d01d238
/dev/sdbfl 3600144f0e18d8e00000000000d01d252
/dev/sdbfm 3600144f0e18d8e00000000000d01d266
/dev/sdbfn 3600144f0e18d8e00000000000d01d280
/dev/sdbfo 3600144f09c8d8e00000000000d02d112
/dev/sdbfp 3600144f09c8d8e00000000000d02d126
/dev/sdbfq 3600144f09c8d8e00000000000d02d140
/dev/sdbfr 3600144f09c8d8e00000000000d02d154
/dev/sdbfs 3600144f09c8d8e00000000000d02d168
/dev/sdbft 3600144f09c8d8e00000000000d02d182
/dev/sdbfu 3600144f09c8d8e00000000000d02d196
/dev/sdbfv 3600144f09c8d8e00000000000d02d210
/dev/sdbfw 3600144f09c8d8e00000000000d02d224
/dev/sdbfx 3600144f09c8d8e00000000000d02d238
/dev/sdbfy 3600144f09c8d8e00000000000d02d252
/dev/sdbfz 3600144f09c8d8e00000000000d02d266
/dev/sdbg 3600144f09c8d8e00000000000d02d259
/dev/sdbga 3600144f09c8d8e00000000000d02d280
/dev/sdbgb 3600144f07d498e00000000000d03d112
/dev/sdbgc 3600144f07d498e00000000000d03d126
/dev/sdbgd 3600144f07d498e00000000000d03d140
/dev/sdbge 3600144f07d498e00000000000d03d154
/dev/sdbgf 3600144f07d498e00000000000d03d168
/dev/sdbgg 3600144f07d498e00000000000d03d182
/dev/sdbgh 3600144f07d498e00000000000d03d196
/dev/sdbgi 3600144f07d498e00000000000d03d210
/dev/sdbgj 3600144f07d498e00000000000d03d224
/dev/sdbgk 3600144f07d498e00000000000d03d238
/dev/sdbgl 3600144f07d498e00000000000d03d252
/dev/sdbgm 3600144f07d498e00000000000d03d266
/dev/sdbgn 3600144f07d498e00000000000d03d280
/dev/sdbgo 3600144f019554e00000000000d04d112
/dev/sdbgp 3600144f019554e00000000000d04d126
/dev/sdbgq 3600144f019554e00000000000d04d140
/dev/sdbgr 3600144f019554e00000000000d04d154
/dev/sdbgs 3600144f019554e00000000000d04d168
/dev/sdbgt 3600144f019554e00000000000d04d182
/dev/sdbgu 3600144f019554e00000000000d04d196
/dev/sdbgv 3600144f019554e00000000000d04d210
/dev/sdbgw 3600144f019554e00000000000d04d224
/dev/sdbgx 3600144f019554e00000000000d04d238
/dev/sdbgy 3600144f019554e00000000000d04d252
/dev/sdbgz 3600144f019554e00000000000d04d266
/dev/sdbh 3600144f09c8d8e00000000000d02d273
/dev/sdbha 3600144f019554e00000000000d04d280
/dev/sdbhb 3600144f059274e00000000000d10d112
/dev/sdbhc 3600144f059274e00000000000d10d126
/dev/sdbhd 3600144f059274e00000000000d10d140
/dev/sdbhe 3600144f059274e00000000000d10d154
/dev/sdbhf 3600144f059274e00000000000d10d168
/dev/sdbhg 3600144f059274e00000000000d10d182
/dev/sdbhh 3600144f059274e00000000000d10d196
/dev/sdbhi 3600144f059274e00000000000d10d210
/dev/sdbhj 3600144f059274e00000000000d10d224
/dev/sdbhk 3600144f059274e00000000000d10d238
/dev/sdbhl 3600144f059274e00000000000d10d252
/dev/sdbhm 3600144f059274e00000000000d10d266
/dev/sdbhn 3600144f059274e00000000000d10d280
/dev/sdbho 3600144f019554e00000000000d04d106
/dev/sdbhp 3600144f019554e00000000000d04d120
/dev/sdbhq 3600144f019554e00000000000d04d134
/dev/sdbhr 3600144f019554e00000000000d04d148
/dev/sdbhs 3600144f019554e00000000000d04d162
/dev/sdbht 3600144f019554e00000000000d04d176
/dev/sdbhu 3600144f019554e00000000000d04d190
/dev/sdbhv 3600144f019554e00000000000d04d204
/dev/sdbhw 3600144f019554e00000000000d04d218
/dev/sdbhx 3600144f019554e00000000000d04d232
/dev/sdbhy 3600144f019554e00000000000d04d246
/dev/sdbhz 3600144f019554e00000000000d04d260
/dev/sdbi 3600144f07d498e00000000000d03d104
/dev/sdbia 3600144f019554e00000000000d04d274
/dev/sdbib 3600144f08452ce00000000000d06d106
/dev/sdbic 3600144f08452ce00000000000d06d120
/dev/sdbid 3600144f08452ce00000000000d06d134
/dev/sdbie 3600144f08452ce00000000000d06d148
/dev/sdbif 3600144f08452ce00000000000d06d162
/dev/sdbig 3600144f08452ce00000000000d06d176
/dev/sdbih 3600144f08452ce00000000000d06d190
/dev/sdbii 3600144f08452ce00000000000d06d204
/dev/sdbij 3600144f08452ce00000000000d06d218
/dev/sdbik 3600144f08452ce00000000000d06d232
/dev/sdbil 3600144f08452ce00000000000d06d246
/dev/sdbim 3600144f08452ce00000000000d06d260
/dev/sdbin 3600144f08452ce00000000000d06d274
/dev/sdbio 3600144f078f08e00000000000d08d106
/dev/sdbip 3600144f078f08e00000000000d08d120
/dev/sdbiq 3600144f078f08e00000000000d08d134
/dev/sdbir 3600144f078f08e00000000000d08d148
/dev/sdbis 3600144f078f08e00000000000d08d162
/dev/sdbit 3600144f078f08e00000000000d08d176
/dev/sdbiu 3600144f078f08e00000000000d08d190
/dev/sdbiv 3600144f078f08e00000000000d08d204
/dev/sdbiw 3600144f078f08e00000000000d08d218
/dev/sdbix 3600144f078f08e00000000000d08d232
/dev/sdbiy 3600144f078f08e00000000000d08d246
/dev/sdbiz 3600144f078f08e00000000000d08d260
/dev/sdbj 3600144f07d498e00000000000d03d105
/dev/sdbja 3600144f078f08e00000000000d08d274
/dev/sdbjb 3600144f0ed35ce00000000000d07d106
/dev/sdbjc 3600144f0ed35ce00000000000d07d120
/dev/sdbjd 3600144f0ed35ce00000000000d07d134
/dev/sdbje 3600144f0ed35ce00000000000d07d148
/dev/sdbjf 3600144f0ed35ce00000000000d07d162
/dev/sdbjg 3600144f0ed35ce00000000000d07d176
/dev/sdbjh 3600144f0ed35ce00000000000d07d190
/dev/sdbji 3600144f0ed35ce00000000000d07d204
/dev/sdbjj 3600144f0ed35ce00000000000d07d218
/dev/sdbjk 3600144f0ed35ce00000000000d07d232
/dev/sdbjl 3600144f0ed35ce00000000000d07d246
/dev/sdbjm 3600144f0ed35ce00000000000d07d260
/dev/sdbjn 3600144f0ed35ce00000000000d07d274
/dev/sdbjo 3600144f09c8d8e00000000000d02d106
/dev/sdbjp 3600144f09c8d8e00000000000d02d120
/dev/sdbjq 3600144f09c8d8e00000000000d02d134
/dev/sdbjr 3600144f09c8d8e00000000000d02d148
/dev/sdbjs 3600144f09c8d8e00000000000d02d162
/dev/sdbjt 3600144f09c8d8e00000000000d02d176
/dev/sdbju 3600144f09c8d8e00000000000d02d190
/dev/sdbjv 3600144f09c8d8e00000000000d02d204
/dev/sdbjw 3600144f09c8d8e00000000000d02d218
/dev/sdbjx 3600144f09c8d8e00000000000d02d232
/dev/sdbjy 3600144f09c8d8e00000000000d02d246
/dev/sdbjz 3600144f09c8d8e00000000000d02d260
/dev/sdbk 3600144f07d498e00000000000d03d118
/dev/sdbka 3600144f09c8d8e00000000000d02d274
/dev/sdbkb 3600144f0e18d8e00000000000d01d106
/dev/sdbkc 3600144f0e18d8e00000000000d01d120
/dev/sdbkd 3600144f0e18d8e00000000000d01d134

/dev/sdbke 3600144f0e18d8e00000000000d01d148
/dev/sdbkf 3600144f0e18d8e00000000000d01d162
/dev/sdbkg 3600144f0e18d8e00000000000d01d176
/dev/sdbkh 3600144f0e18d8e00000000000d01d190
/dev/sdbki 3600144f0e18d8e00000000000d01d204
/dev/sdbkj 3600144f0e18d8e00000000000d01d218
/dev/sdbkk 3600144f0e18d8e00000000000d01d232
/dev/sdbkl 3600144f0e18d8e00000000000d01d246
/dev/sdbkm 3600144f0e18d8e00000000000d01d260
/dev/sdbkn 3600144f0e18d8e00000000000d01d274
/dev/sdbko 3600144f07d498e00000000000d03d106
/dev/sdbkp 3600144f07d498e00000000000d03d120
/dev/sdbkq 3600144f07d498e00000000000d03d134
/dev/sdbkr 3600144f07d498e00000000000d03d148
/dev/sdbks 3600144f07d498e00000000000d03d162
/dev/sdbkt 3600144f07d498e00000000000d03d176
/dev/sdbku 3600144f07d498e00000000000d03d190
/dev/sdbkv 3600144f07d498e00000000000d03d204
/dev/sdbkw 3600144f07d498e00000000000d03d218
/dev/sdbkx 3600144f07d498e00000000000d03d232
/dev/sdbky 3600144f07d498e00000000000d03d246
/dev/sdbkz 3600144f07d498e00000000000d03d260
/dev/sdbl 3600144f07d498e00000000000d03d132
/dev/sdbla 3600144f07d498e00000000000d03d274
/dev/sdblb 3600144f059274e00000000000d10d106
/dev/sdblc 3600144f059274e00000000000d10d120
/dev/sdbld 3600144f059274e00000000000d10d134
/dev/sdble 3600144f059274e00000000000d10d148
/dev/sdblf 3600144f059274e00000000000d10d162
/dev/sdblg 3600144f059274e00000000000d10d176
/dev/sdblh 3600144f059274e00000000000d10d190
/dev/sdbli 3600144f059274e00000000000d10d204
/dev/sdblj 3600144f059274e00000000000d10d218
/dev/sdblk 3600144f059274e00000000000d10d232
/dev/sdbll 3600144f059274e00000000000d10d246
/dev/sdblm 3600144f059274e00000000000d10d260
/dev/sdbln 3600144f059274e00000000000d10d274
/dev/sdblo 3600144f08129ce00000000000d09d106
/dev/sdblp 3600144f08129ce00000000000d09d120
/dev/sdblq 3600144f08129ce00000000000d09d134
/dev/sdblr 3600144f08129ce00000000000d09d148
/dev/sdbls 3600144f08129ce00000000000d09d162
/dev/sdblt 3600144f08129ce00000000000d09d176
/dev/sdblu 3600144f08129ce00000000000d09d190
/dev/sdblv 3600144f08129ce00000000000d09d204
/dev/sdblw 3600144f08129ce00000000000d09d218
/dev/sdblx 3600144f08129ce00000000000d09d232
/dev/sdbly 3600144f08129ce00000000000d09d246
/dev/sdblz 3600144f08129ce00000000000d09d260
/dev/sdbm 3600144f07d498e00000000000d03d119
/dev/sdbma 3600144f08129ce00000000000d09d274
/dev/sdbmb 3600144f0e18d8e00000000000d01d113
/dev/sdbmc 3600144f0e18d8e00000000000d01d127
/dev/sdbmd 3600144f0e18d8e00000000000d01d141
/dev/sdbme 3600144f0e18d8e00000000000d01d155
/dev/sdbmf 3600144f0e18d8e00000000000d01d169
/dev/sdbmg 3600144f0e18d8e00000000000d01d183
/dev/sdbmh 3600144f0e18d8e00000000000d01d197
/dev/sdbmi 3600144f0e18d8e00000000000d01d211
/dev/sdbmj 3600144f0e18d8e00000000000d01d225
/dev/sdbmk 3600144f0e18d8e00000000000d01d239
/dev/sdbml 3600144f0e18d8e00000000000d01d253
/dev/sdbmm 3600144f0e18d8e00000000000d01d267
/dev/sdbmn 3600144f0e18d8e00000000000d01d281
/dev/sdbmo 3600144f09c8d8e00000000000d02d113
/dev/sdbmp 3600144f09c8d8e00000000000d02d127
/dev/sdbmq 3600144f09c8d8e00000000000d02d141
/dev/sdbmr 3600144f09c8d8e00000000000d02d155
/dev/sdbms 3600144f09c8d8e00000000000d02d169
/dev/sdbmt 3600144f09c8d8e00000000000d02d183
/dev/sdbmu 3600144f09c8d8e00000000000d02d197
/dev/sdbmv 3600144f09c8d8e00000000000d02d211
/dev/sdbmw 3600144f09c8d8e00000000000d02d225
/dev/sdbmx 3600144f09c8d8e00000000000d02d239
/dev/sdbmy 3600144f09c8d8e00000000000d02d253
/dev/sdbmz 3600144f09c8d8e00000000000d02d267
/dev/sdbn 3600144f07d498e00000000000d03d146
/dev/sdbna 3600144f09c8d8e00000000000d02d281
/dev/sdbnb 3600144f078f08e00000000000d08d113
/dev/sdbnc 3600144f078f08e00000000000d08d127
/dev/sdbnd 3600144f078f08e00000000000d08d141
/dev/sdbne 3600144f078f08e00000000000d08d155
/dev/sdbnf 3600144f078f08e00000000000d08d169
/dev/sdbng 3600144f078f08e00000000000d08d183
/dev/sdbnh 3600144f078f08e00000000000d08d197
/dev/sdbni 3600144f078f08e00000000000d08d211
/dev/sdbnj 3600144f078f08e00000000000d08d225
/dev/sdbnk 3600144f078f08e00000000000d08d239
/dev/sdbnl 3600144f078f08e00000000000d08d253
/dev/sdbnm 3600144f078f08e00000000000d08d267
/dev/sdbnn 3600144f078f08e00000000000d08d281
/dev/sdbno 3600144f0ed35ce00000000000d07d113
/dev/sdbnp 3600144f0ed35ce00000000000d07d127
/dev/sdbnq 3600144f0ed35ce00000000000d07d141
/dev/sdbnr 3600144f0ed35ce00000000000d07d155
/dev/sdbns 3600144f0ed35ce00000000000d07d169
/dev/sdbnt 3600144f0ed35ce00000000000d07d183
/dev/sdbnu 3600144f0ed35ce00000000000d07d197
/dev/sdbnv 3600144f0ed35ce00000000000d07d211
/dev/sdbnw 3600144f0ed35ce00000000000d07d225
/dev/sdbnx 3600144f0ed35ce00000000000d07d239
/dev/sdbny 3600144f0ed35ce00000000000d07d253
/dev/sdbnz 3600144f0ed35ce00000000000d07d267
/dev/sdbo 3600144f07d498e00000000000d03d133
/dev/sdboa 3600144f0ed35ce00000000000d07d281
/dev/sdbob 3600144f0c4e70e00000000000d05d113
/dev/sdboc 3600144f0c4e70e00000000000d05d127
/dev/sdbod 3600144f0c4e70e00000000000d05d141
/dev/sdboe 3600144f0c4e70e00000000000d05d155
/dev/sdbof 3600144f0c4e70e00000000000d05d169
/dev/sdbog 3600144f0c4e70e00000000000d05d183
/dev/sdboh 3600144f0c4e70e00000000000d05d197
/dev/sdboi 3600144f0c4e70e00000000000d05d211
/dev/sdboj 3600144f0c4e70e00000000000d05d225
/dev/sdbok 3600144f0c4e70e00000000000d05d239
/dev/sdbol 3600144f0c4e70e00000000000d05d253
/dev/sdbom 3600144f0c4e70e00000000000d05d267
/dev/sdbon 3600144f0c4e70e00000000000d05d281
/dev/sdboo 3600144f07d498e00000000000d03d113
/dev/sdbop 3600144f07d498e00000000000d03d127
/dev/sdboq 3600144f07d498e00000000000d03d141
/dev/sdbor 3600144f07d498e00000000000d03d155
/dev/sdbos 3600144f07d498e00000000000d03d169
/dev/sdbot 3600144f07d498e00000000000d03d183
/dev/sdbou 3600144f07d498e00000000000d03d197
/dev/sdbov 3600144f07d498e00000000000d03d211
/dev/sdbow 3600144f07d498e00000000000d03d225
/dev/sdbox 3600144f07d498e00000000000d03d239
/dev/sdboy 3600144f07d498e00000000000d03d253
/dev/sdboz 3600144f07d498e00000000000d03d267
/dev/sdbp 3600144f07d498e00000000000d03d160
/dev/sdbpa 3600144f07d498e00000000000d03d281
/dev/sdbpb 3600144f019554e00000000000d04d113
/dev/sdbpc 3600144f019554e00000000000d04d127
/dev/sdbpd 3600144f019554e00000000000d04d141
/dev/sdbpe 3600144f019554e00000000000d04d155
/dev/sdbpf 3600144f019554e00000000000d04d169
/dev/sdbpg 3600144f019554e00000000000d04d183
/dev/sdbph 3600144f019554e00000000000d04d197
/dev/sdbpi 3600144f019554e00000000000d04d211
/dev/sdbpj 3600144f019554e00000000000d04d225
/dev/sdbpk 3600144f019554e00000000000d04d239
/dev/sdbpl 3600144f019554e00000000000d04d253
/dev/sdbpm 3600144f019554e00000000000d04d267
/dev/sdbpn 3600144f019554e00000000000d04d281
/dev/sdbpo 3600144f08129ce00000000000d09d113
/dev/sdbpp 3600144f08129ce00000000000d09d127
/dev/sdbpq 3600144f08129ce00000000000d09d141
/dev/sdbpr 3600144f08129ce00000000000d09d155
/dev/sdbps 3600144f08129ce00000000000d09d169
/dev/sdbpt 3600144f08129ce00000000000d09d183
/dev/sdbpu 3600144f08129ce00000000000d09d197
/dev/sdbpv 3600144f08129ce00000000000d09d211
/dev/sdbpw 3600144f08129ce00000000000d09d225
/dev/sdbpx 3600144f08129ce00000000000d09d239
/dev/sdbpy 3600144f08129ce00000000000d09d253
/dev/sdbpz 3600144f08129ce00000000000d09d267
/dev/sdbq 3600144f07d498e00000000000d03d147
/dev/sdbqa 3600144f08129ce00000000000d09d281
/dev/sdbqb 3600144f059274e00000000000d10d113
/dev/sdbqc 3600144f059274e00000000000d10d127
/dev/sdbqd 3600144f059274e00000000000d10d141
/dev/sdbqe 3600144f059274e00000000000d10d155
/dev/sdbqf 3600144f059274e00000000000d10d169
/dev/sdbqg 3600144f059274e00000000000d10d183
/dev/sdbqh 3600144f059274e00000000000d10d197
/dev/sdbqi 3600144f059274e00000000000d10d211
/dev/sdbqj 3600144f059274e00000000000d10d225
/dev/sdbqk 3600144f059274e00000000000d10d239
/dev/sdbql 3600144f059274e00000000000d10d253
/dev/sdbqm 3600144f059274e00000000000d10d267
/dev/sdbqn 3600144f059274e00000000000d10d281
/dev/sdbqo 3600144f08452ce00000000000d06d113
/dev/sdbqp 3600144f08452ce00000000000d06d127

/dev/sdbqq 3600144f08452ce00000000000d06d141
/dev/sdbqr 3600144f08452ce00000000000d06d155
/dev/sdbqs 3600144f08452ce00000000000d06d169
/dev/sdbqt 3600144f08452ce00000000000d06d183
/dev/sdbqu 3600144f08452ce00000000000d06d197
/dev/sdbqv 3600144f08452ce00000000000d06d211
/dev/sdbqw 3600144f08452ce00000000000d06d225
/dev/sdbqx 3600144f08452ce00000000000d06d239
/dev/sdbqy 3600144f08452ce00000000000d06d253
/dev/sdbqz 3600144f08452ce00000000000d06d267
/dev/sdbr 3600144f07d498e00000000000d03d174
/dev/sdbra 3600144f08452ce00000000000d06d281
/dev/sdbrb 3600144f0dbed0d00000000000a02d200
/dev/sdbrc 3600144f0dbed0d00000000000a02d201
/dev/sdbrd 3600144f0dbed0d00000000000a02d202
/dev/sdbre 3600144f0dbed0d00000000000a02d203
/dev/sdbrf 3600144f0dbed0d00000000000a02d204
/dev/sdbrg 3600144f0dbed0d00000000000a02d205
/dev/sdbrh 3600144f0dbed0d00000000000a02d206
/dev/sdbri 3600144f0dbed0d00000000000a02d207
/dev/sdbrj 3600144f0dbed0d00000000000a02d208
/dev/sdbrk 3600144f0dbed0d00000000000a02d209
/dev/sdbrl 3600144f0dbed0d00000000000a02d210
/dev/sdbrm 3600144f0dbed0d00000000000a02d211
/dev/sdbrn 3600144f0dbed0d00000000000a02d212
/dev/sdbro 3600144f0dbed0d00000000000a02d213
/dev/sdbrp 3600144f0dbed0d00000000000a02d214
/dev/sdbrq 3600144f0dbed0d00000000000a02d215
/dev/sdbrr 3600144f0dbed0d00000000000a02d216
/dev/sdbrs 3600144f0dbed0d00000000000a02d217
/dev/sdbrt 3600144f0dbed0d00000000000a02d218
/dev/sdbru 3600144f0dbed0d00000000000a02d219
/dev/sdbrv 3600144f0dbed0d00000000000a02d220
/dev/sdbrw 3600144f0dbed0d00000000000a02d221
/dev/sdbrx 3600144f0dbed0d00000000000a02d222
/dev/sdbry 3600144f0dbed0d00000000000a02d223
/dev/sdbrz 3600144f0dbed0d00000000000a02d224
/dev/sdbs 3600144f07d498e00000000000d03d161
/dev/sdbsa 3600144f0dbed0d00000000000a02d225
/dev/sdbsb 3600144f0dbed0d00000000000a02d226
/dev/sdbsc 3600144f0dbed0d00000000000a02d227
/dev/sdbsd 3600144f0dbed0d00000000000a02d228
/dev/sdbse 3600144f0dbed0d00000000000a02d229
/dev/sdbsf 3600144f0dbed0d00000000000a02d230
/dev/sdbsg 3600144f0dbed0d00000000000a02d231
/dev/sdbsh 3600144f0dbed0d00000000000a02d232
/dev/sdbsi 3600144f0dbed0d00000000000a02d233
/dev/sdbsj 3600144f0dbed0d00000000000a02d234
/dev/sdbsk 3600144f0dbed0d00000000000a02d235
/dev/sdbsl 3600144f0dbed0d00000000000a02d236
/dev/sdbsm 3600144f0dbed0d00000000000a02d237
/dev/sdbsn 3600144f0dbed0d00000000000a02d238
/dev/sdbso 3600144f0dbed0d00000000000a02d239
/dev/sdbsp 3600144f0dbed0d00000000000a02d240
/dev/sdbsq 3600144f0dbed0d00000000000a02d241
/dev/sdbsr 3600144f0dbed0d00000000000a02d242
/dev/sdbss 3600144f0dbed0d00000000000a02d243
/dev/sdbst 3600144f0dbed0d00000000000a02d244
/dev/sdbsu 3600144f0dbed0d00000000000a02d245
/dev/sdbsv 3600144f0dbed0d00000000000a02d246
/dev/sdbsw 3600144f0dbed0d00000000000a02d247
/dev/sdbsx 3600144f0dbed0d00000000000a02d248
/dev/sdbsy 3600144f0dbed0d00000000000a02d249
/dev/sdbsz 3600144f0dbed0d00000000000a02d250
/dev/sdbt 3600144f07d498e00000000000d03d188
/dev/sdbta 3600144f0dbed0d00000000000a02d251
/dev/sdbtb 3600144f0dbed0d00000000000a02d252
/dev/sdbtc 3600144f0dbed0d00000000000a02d253
/dev/sdbtd 3600144f0dbed0d00000000000a02d254
/dev/sdbte 3600144f0dbed0d00000000000a02d255
/dev/sdbtf 3600144f0dbed0d00000000000a02d256
/dev/sdbtg 3600144f0dbed0d00000000000a02d257
/dev/sdbth 3600144f0dbed0d00000000000a02d258
/dev/sdbti 3600144f0dbed0d00000000000a02d259
/dev/sdbtj 3600144f0dbed0d00000000000a02d260
/dev/sdbtk 3600144f0dbed0d00000000000a02d261
/dev/sdbtl 3600144f0dbed0d00000000000a02d262
/dev/sdbtm 3600144f0dbed0d00000000000a02d263
/dev/sdbtn 3600144f0dbed0d00000000000a02d264
/dev/sdbto 3600144f0dbed0d00000000000a02d265
/dev/sdbtp 3600144f0dbed0d00000000000a02d266
/dev/sdbtq 3600144f0dbed0d00000000000a02d267
/dev/sdbtr 3600144f0dbed0d00000000000a02d268
/dev/sdbts 3600144f0dbed0d00000000000a02d269
/dev/sdbtt 3600144f0dbed0d00000000000a02d270
/dev/sdbtu 3600144f0dbed0d00000000000a02d271
/dev/sdbtv 3600144f0dbed0d00000000000a02d272
/dev/sdbtw 3600144f0dbed0d00000000000a02d273
/dev/sdbtx 3600144f0dbed0d00000000000a02d274
/dev/sdbty 3600144f0dbed0d00000000000a02d275
/dev/sdbtz 3600144f0dbed0d00000000000a02d276
/dev/sdbu 3600144f07d498e00000000000d03d175
/dev/sdbua 3600144f0dbed0d00000000000a02d277
/dev/sdbub 3600144f0dbed0d00000000000a02d278
/dev/sdbuc 3600144f0dbed0d00000000000a02d279
/dev/sdbud 3600144f0dbed0d00000000000a02d300
/dev/sdbue 3600144f0dbed0d00000000000a02d303
/dev/sdbuf 3600144f0dbed0d00000000000a02d400
/dev/sdbug 3600144f0054c0f00000000000a01d200
/dev/sdbuh 3600144f0dbed0d00000000000a02d403
/dev/sdbuh1 3600144f0dbed0d00000000000a02d403
/dev/sdbuh5 3600144f0dbed0d00000000000a02d403
/dev/sdbuh6 3600144f0dbed0d00000000000a02d403
/dev/sdbuh7 3600144f0dbed0d00000000000a02d403
/dev/sdbui 3600144f0054c0f00000000000a01d201
/dev/sdbuj 3600144f0054c0f00000000000a01d202
/dev/sdbuk 3600144f0054c0f00000000000a01d203
/dev/sdbul 3600144f0054c0f00000000000a01d204
/dev/sdbum 3600144f0054c0f00000000000a01d205
/dev/sdbun 3600144f0054c0f00000000000a01d206
/dev/sdbuo 3600144f0054c0f00000000000a01d207
/dev/sdbup 3600144f0054c0f00000000000a01d208
/dev/sdbuq 3600144f0054c0f00000000000a01d209
/dev/sdbur 3600144f0054c0f00000000000a01d210
/dev/sdbus 3600144f0054c0f00000000000a01d211
/dev/sdbut 3600144f0054c0f00000000000a01d212
/dev/sdbuu 3600144f0054c0f00000000000a01d213
/dev/sdbuv 3600144f0054c0f00000000000a01d214
/dev/sdbuw 3600144f0054c0f00000000000a01d215
/dev/sdbux 3600144f0054c0f00000000000a01d216
/dev/sdbuy 3600144f0054c0f00000000000a01d217
/dev/sdbuz 3600144f0054c0f00000000000a01d218
/dev/sdbv 3600144f07d498e00000000000d03d202
/dev/sdbva 3600144f0054c0f00000000000a01d219
/dev/sdbvb 3600144f0054c0f00000000000a01d220
/dev/sdbvc 3600144f0054c0f00000000000a01d221
/dev/sdbvd 3600144f0054c0f00000000000a01d222
/dev/sdbve 3600144f0054c0f00000000000a01d223
/dev/sdbvf 3600144f0054c0f00000000000a01d224
/dev/sdbvg 3600144f0054c0f00000000000a01d225
/dev/sdbvh 3600144f0054c0f00000000000a01d226
/dev/sdbvi 3600144f0054c0f00000000000a01d227
/dev/sdbvj 3600144f0054c0f00000000000a01d228
/dev/sdbvk 3600144f0054c0f00000000000a01d229
/dev/sdbvl 3600144f0054c0f00000000000a01d230
/dev/sdbvm 3600144f0054c0f00000000000a01d231
/dev/sdbvn 3600144f0054c0f00000000000a01d232
/dev/sdbvo 3600144f0054c0f00000000000a01d233
/dev/sdbvp 3600144f0054c0f00000000000a01d234
/dev/sdbvq 3600144f0054c0f00000000000a01d235
/dev/sdbvr 3600144f0054c0f00000000000a01d236
/dev/sdbvs 3600144f0054c0f00000000000a01d237
/dev/sdbvt 3600144f0054c0f00000000000a01d238
/dev/sdbvu 3600144f0054c0f00000000000a01d239
/dev/sdbvv 3600144f0054c0f00000000000a01d240
/dev/sdbvw 3600144f0054c0f00000000000a01d241
/dev/sdbvx 3600144f0054c0f00000000000a01d242
/dev/sdbvy 3600144f0054c0f00000000000a01d243
/dev/sdbvz 3600144f0054c0f00000000000a01d244
/dev/sdbw 3600144f07d498e00000000000d03d189
/dev/sdbwa 3600144f0054c0f00000000000a01d245
/dev/sdbwb 3600144f0054c0f00000000000a01d246
/dev/sdbwc 3600144f0054c0f00000000000a01d247
/dev/sdbwd 3600144f0054c0f00000000000a01d248
/dev/sdbwe 3600144f0054c0f00000000000a01d249
/dev/sdbwf 3600144f0054c0f00000000000a01d250
/dev/sdbwg 3600144f0054c0f00000000000a01d251
/dev/sdbwh 3600144f0054c0f00000000000a01d252
/dev/sdbwi 3600144f0054c0f00000000000a01d253
/dev/sdbwj 3600144f0054c0f00000000000a01d254
/dev/sdbwk 3600144f0054c0f00000000000a01d255
/dev/sdbwl 3600144f0054c0f00000000000a01d256
/dev/sdbwm 3600144f0054c0f00000000000a01d257
/dev/sdbwn 3600144f0054c0f00000000000a01d258
/dev/sdbwo 3600144f0054c0f00000000000a01d259
/dev/sdbwp 3600144f0054c0f00000000000a01d260
/dev/sdbwq 3600144f0054c0f00000000000a01d261
/dev/sdbwr 3600144f0054c0f00000000000a01d262
/dev/sdbws 3600144f0054c0f00000000000a01d263
/dev/sdbwt 3600144f0054c0f00000000000a01d264
/dev/sdbwu 3600144f0054c0f00000000000a01d265
/dev/sdbwv 3600144f0054c0f00000000000a01d266
/dev/sdbww 3600144f0054c0f00000000000a01d267
/dev/sdbwx 3600144f0054c0f00000000000a01d268

/dev/sdbwy 3600144f0054c0f00000000000a01d269
/dev/sdbwz 3600144f0054c0f00000000000a01d270
/dev/sdbx 3600144f07d498e00000000000d03d216
/dev/sdbxa 3600144f0054c0f00000000000a01d271
/dev/sdbxb 3600144f0054c0f00000000000a01d272
/dev/sdbxc 3600144f0054c0f00000000000a01d273
/dev/sdbxd 3600144f0054c0f00000000000a01d274
/dev/sdbxe 3600144f0054c0f00000000000a01d275
/dev/sdbxf 3600144f0054c0f00000000000a01d276
/dev/sdbxg 3600144f0054c0f00000000000a01d277
/dev/sdbxh 3600144f0054c0f00000000000a01d278
/dev/sdbxi 3600144f0054c0f00000000000a01d279
/dev/sdbxj 3600144f0a3770e00000000000a01d300
/dev/sdbxk 3600144f0a3770e00000000000a01d303
/dev/sdbxl 3600144f0a3770e00000000000a01d400
/dev/sdbxm 3600144f0a3770e00000000000a01d403
/dev/sdbxm1 3600144f0a3770e00000000000a01d403
/dev/sdbxm5 3600144f0a3770e00000000000a01d403
/dev/sdbxm6 3600144f0a3770e00000000000a01d403
/dev/sdbxm7 3600144f0a3770e00000000000a01d403
/dev/sdby 3600144f07d498e00000000000d03d203
/dev/sdbz 3600144f07d498e00000000000d03d230
/dev/sdc 3600605b0016298e0ff0000460454bafa
/dev/sdca 3600144f07d498e00000000000d03d217
/dev/sdcb 3600144f07d498e00000000000d03d244
/dev/sdcc 3600144f07d498e00000000000d03d231
/dev/sdcd 3600144f07d498e00000000000d03d258
/dev/sdce 3600144f07d498e00000000000d03d245
/dev/sdcf 3600144f07d498e00000000000d03d272
/dev/sdcg 3600144f07d498e00000000000d03d259
/dev/sdch 3600144f07d498e00000000000d03d273
/dev/sdci 3600144f019554e00000000000d04d104
/dev/sdcj 3600144f019554e00000000000d04d105
/dev/sdck 3600144f019554e00000000000d04d118
/dev/sdcl 3600144f019554e00000000000d04d132
/dev/sdcm 3600144f019554e00000000000d04d119
/dev/sdcn 3600144f019554e00000000000d04d146
/dev/sdco 3600144f019554e00000000000d04d133
/dev/sdcp 3600144f019554e00000000000d04d160
/dev/sdcq 3600144f019554e00000000000d04d147
/dev/sdcr 3600144f019554e00000000000d04d174
/dev/sdcs 3600144f019554e00000000000d04d161
/dev/sdct 3600144f019554e00000000000d04d188
/dev/sdcu 3600144f019554e00000000000d04d175
/dev/sdcv 3600144f019554e00000000000d04d202
/dev/sdcw 3600144f019554e00000000000d04d189
/dev/sdcx 3600144f019554e00000000000d04d216
/dev/sdcy 3600144f019554e00000000000d04d203
/dev/sdcz 3600144f019554e00000000000d04d230
/dev/sdd 3600605b0016298e0ff0000460454c04b
/dev/sdd1 3600605b0016298e0ff0000460454c04b
/dev/sdd2 3600605b0016298e0ff0000460454c04b
/dev/sdd3 3600605b0016298e0ff0000460454c04b
/dev/sdda 3600144f019554e00000000000d04d217
/dev/sddb 3600144f019554e00000000000d04d244
/dev/sddc 3600144f019554e00000000000d04d231
/dev/sddd 3600144f019554e00000000000d04d258
/dev/sdde 3600144f019554e00000000000d04d245
/dev/sddf 3600144f019554e00000000000d04d272
/dev/sddg 3600144f019554e00000000000d04d259
/dev/sddh 3600144f019554e00000000000d04d273
/dev/sddi 3600144f0c4e70e00000000000d05d104
/dev/sddj 3600144f0c4e70e00000000000d05d105
/dev/sddk 3600144f0c4e70e00000000000d05d118
/dev/sddl 3600144f0c4e70e00000000000d05d119
/dev/sddm 3600144f0c4e70e00000000000d05d132
/dev/sddn 3600144f0c4e70e00000000000d05d133
/dev/sddo 3600144f0c4e70e00000000000d05d146
/dev/sddp 3600144f0c4e70e00000000000d05d147
/dev/sddq 3600144f0c4e70e00000000000d05d160
/dev/sddr 3600144f0c4e70e00000000000d05d161
/dev/sdds 3600144f0c4e70e00000000000d05d174
/dev/sddt 3600144f0c4e70e00000000000d05d175
/dev/sddu 3600144f0c4e70e00000000000d05d188
/dev/sddv 3600144f0c4e70e00000000000d05d189
/dev/sddw 3600144f0c4e70e00000000000d05d202
/dev/sddx 3600144f0c4e70e00000000000d05d203
/dev/sddy 3600144f0c4e70e00000000000d05d216
/dev/sddz 3600144f0c4e70e00000000000d05d217
/dev/sde 3600605b0016298e0ff0000460454c60a
/dev/sdea 3600144f0c4e70e00000000000d05d230
/dev/sdeb 3600144f0c4e70e00000000000d05d231
/dev/sdec 3600144f0c4e70e00000000000d05d244
/dev/sded 3600144f0c4e70e00000000000d05d245
/dev/sdee 3600144f0c4e70e00000000000d05d258
/dev/sdef 3600144f0c4e70e00000000000d05d259
/dev/sdeg 3600144f0c4e70e00000000000d05d272
/dev/sdeh 3600144f0c4e70e00000000000d05d273
/dev/sdei 3600144f0ed35ce00000000000d07d104
/dev/sdej 3600144f0ed35ce00000000000d07d105
/dev/sdek 3600144f0ed35ce00000000000d07d118
/dev/sdel 3600144f0ed35ce00000000000d07d132
/dev/sdem 3600144f0ed35ce00000000000d07d119
/dev/sden 3600144f0ed35ce00000000000d07d146
/dev/sdeo 3600144f0ed35ce00000000000d07d133
/dev/sdep 3600144f0ed35ce00000000000d07d160
/dev/sdeq 3600144f0ed35ce00000000000d07d147
/dev/sder 3600144f0ed35ce00000000000d07d174
/dev/sdes 3600144f0ed35ce00000000000d07d161
/dev/sdet 3600144f0ed35ce00000000000d07d188
/dev/sdeu 3600144f0ed35ce00000000000d07d175
/dev/sdev 3600144f0ed35ce00000000000d07d202
/dev/sdew 3600144f0ed35ce00000000000d07d189
/dev/sdex 3600144f0ed35ce00000000000d07d216
/dev/sdey 3600144f0ed35ce00000000000d07d203
/dev/sdez 3600144f0ed35ce00000000000d07d230
/dev/sdf 3600605b0016298e0ff0000460454cc17
/dev/sdfa 3600144f0ed35ce00000000000d07d217
/dev/sdfb 3600144f0ed35ce00000000000d07d244
/dev/sdfc 3600144f0ed35ce00000000000d07d231
/dev/sdfd 3600144f0ed35ce00000000000d07d258
/dev/sdfe 3600144f0ed35ce00000000000d07d245
/dev/sdff 3600144f0ed35ce00000000000d07d272
/dev/sdfg 3600144f0ed35ce00000000000d07d259
/dev/sdfh 3600144f0ed35ce00000000000d07d273
/dev/sdfi 3600144f078f08e00000000000d08d104
/dev/sdfj 3600144f078f08e00000000000d08d118
/dev/sdfk 3600144f078f08e00000000000d08d105
/dev/sdfl 3600144f078f08e00000000000d08d132
/dev/sdfm 3600144f078f08e00000000000d08d146
/dev/sdfn 3600144f078f08e00000000000d08d119
/dev/sdfo 3600144f078f08e00000000000d08d160
/dev/sdfp 3600144f078f08e00000000000d08d133
/dev/sdfq 3600144f078f08e00000000000d08d174
/dev/sdfr 3600144f078f08e00000000000d08d147
/dev/sdfs 3600144f078f08e00000000000d08d188
/dev/sdft 3600144f078f08e00000000000d08d161
/dev/sdfu 3600144f078f08e00000000000d08d202
/dev/sdfv 3600144f078f08e00000000000d08d175
/dev/sdfw 3600144f078f08e00000000000d08d216
/dev/sdfx 3600144f078f08e00000000000d08d189
/dev/sdfy 3600144f078f08e00000000000d08d203
/dev/sdfz 3600144f078f08e00000000000d08d230
/dev/sdg 3600605b0016298e0ff0000460454d193
/dev/sdg1 3600605b0016298e0ff0000460454d193
/dev/sdg5 3600605b0016298e0ff0000460454d193
/dev/sdg6 3600605b0016298e0ff0000460454d193
/dev/sdg7 3600605b0016298e0ff0000460454d193
/dev/sdg8 3600605b0016298e0ff0000460454d193
/dev/sdg9 3600605b0016298e0ff0000460454d193
/dev/sdga 3600144f078f08e00000000000d08d217
/dev/sdgb 3600144f078f08e00000000000d08d244
/dev/sdgc 3600144f078f08e00000000000d08d231
/dev/sdgd 3600144f078f08e00000000000d08d245
/dev/sdge 3600144f078f08e00000000000d08d258
/dev/sdgf 3600144f078f08e00000000000d08d272
/dev/sdgg 3600144f078f08e00000000000d08d259
/dev/sdgh 3600144f078f08e00000000000d08d273
/dev/sdgi 3600144f08129ce00000000000d09d104
/dev/sdgj 3600144f08129ce00000000000d09d105
/dev/sdgk 3600144f08129ce00000000000d09d118
/dev/sdgl 3600144f08129ce00000000000d09d119
/dev/sdgm 3600144f08129ce00000000000d09d132
/dev/sdgn 3600144f08129ce00000000000d09d133
/dev/sdgo 3600144f08129ce00000000000d09d146
/dev/sdgp 3600144f08129ce00000000000d09d147
/dev/sdgq 3600144f08129ce00000000000d09d160
/dev/sdgr 3600144f08129ce00000000000d09d161
/dev/sdgs 3600144f08129ce00000000000d09d174
/dev/sdgt 3600144f08129ce00000000000d09d175
/dev/sdgu 3600144f08129ce00000000000d09d188
/dev/sdgv 3600144f08129ce00000000000d09d189
/dev/sdgw 3600144f08129ce00000000000d09d202
/dev/sdgx 3600144f08129ce00000000000d09d203
/dev/sdgy 3600144f08129ce00000000000d09d216
/dev/sdgz 3600144f08129ce00000000000d09d217
/dev/sdh 3600605b0016298e0ff0000460454d758
/dev/sdha 3600144f08129ce00000000000d09d230
/dev/sdhb 3600144f08129ce00000000000d09d231
/dev/sdhc 3600144f08129ce00000000000d09d244
/dev/sdhd 3600144f08129ce00000000000d09d245
/dev/sdhe 3600144f08129ce00000000000d09d258
/dev/sdhf 3600144f08129ce00000000000d09d259
/dev/sdhg 3600144f08129ce00000000000d09d272

/dev/sdhh 3600144f08129ce00000000000d09d273
/dev/sdhi 3600144f059274e00000000000d10d104
/dev/sdhj 3600144f059274e00000000000d10d105
/dev/sdhk 3600144f059274e00000000000d10d118
/dev/sdhl 3600144f059274e00000000000d10d119
/dev/sdhm 3600144f059274e00000000000d10d132
/dev/sdhn 3600144f059274e00000000000d10d133
/dev/sdho 3600144f059274e00000000000d10d146
/dev/sdhp 3600144f059274e00000000000d10d147
/dev/sdhq 3600144f059274e00000000000d10d160
/dev/sdhr 3600144f059274e00000000000d10d161
/dev/sdhs 3600144f059274e00000000000d10d174
/dev/sdht 3600144f059274e00000000000d10d175
/dev/sdhu 3600144f059274e00000000000d10d188
/dev/sdhv 3600144f059274e00000000000d10d189
/dev/sdhw 3600144f059274e00000000000d10d202
/dev/sdhx 3600144f059274e00000000000d10d203
/dev/sdhy 3600144f059274e00000000000d10d216
/dev/sdhz 3600144f059274e00000000000d10d217
/dev/sdi 3600144f0e18d8e00000000000d01d105
/dev/sdia 3600144f059274e00000000000d10d230
/dev/sdib 3600144f059274e00000000000d10d231
/dev/sdic 3600144f059274e00000000000d10d244
/dev/sdid 3600144f059274e00000000000d10d245
/dev/sdie 3600144f059274e00000000000d10d258
/dev/sdif 3600144f059274e00000000000d10d259
/dev/sdig 3600144f059274e00000000000d10d272
/dev/sdih 3600144f059274e00000000000d10d273
/dev/sdii 3600144f08452ce00000000000d06d105
/dev/sdij 3600144f08452ce00000000000d06d104
/dev/sdik 3600144f08452ce00000000000d06d119
/dev/sdil 3600144f08452ce00000000000d06d133
/dev/sdim 3600144f08452ce00000000000d06d118
/dev/sdin 3600144f08452ce00000000000d06d147
/dev/sdio 3600144f08452ce00000000000d06d132
/dev/sdip 3600144f08452ce00000000000d06d161
/dev/sdiq 3600144f08452ce00000000000d06d146
/dev/sdir 3600144f08452ce00000000000d06d175
/dev/sdis 3600144f08452ce00000000000d06d160
/dev/sdit 3600144f08452ce00000000000d06d189
/dev/sdiu 3600144f08452ce00000000000d06d174
/dev/sdiv 3600144f08452ce00000000000d06d203
/dev/sdiw 3600144f08452ce00000000000d06d188
/dev/sdix 3600144f08452ce00000000000d06d217
/dev/sdiy 3600144f08452ce00000000000d06d202
/dev/sdiz 3600144f08452ce00000000000d06d231
/dev/sdj 3600144f0e18d8e00000000000d01d104
/dev/sdja 3600144f08452ce00000000000d06d216
/dev/sdjb 3600144f08452ce00000000000d06d245
/dev/sdjc 3600144f08452ce00000000000d06d230
/dev/sdjd 3600144f08452ce00000000000d06d259
/dev/sdje 3600144f08452ce00000000000d06d244
/dev/sdjf 3600144f08452ce00000000000d06d273
/dev/sdjg 3600144f08452ce00000000000d06d258
/dev/sdjh 3600144f08452ce00000000000d06d272
/dev/sdji 3600144f0e18d8e00000000000d01d109
/dev/sdjj 3600144f0e18d8e00000000000d01d123
/dev/sdjk 3600144f0e18d8e00000000000d01d137
/dev/sdjl 3600144f0e18d8e00000000000d01d151
/dev/sdjm 3600144f0e18d8e00000000000d01d165
/dev/sdjn 3600144f0e18d8e00000000000d01d179
/dev/sdjo 3600144f0e18d8e00000000000d01d193
/dev/sdjp 3600144f0e18d8e00000000000d01d207
/dev/sdjq 3600144f0e18d8e00000000000d01d221
/dev/sdjr 3600144f0e18d8e00000000000d01d235
/dev/sdjs 3600144f0e18d8e00000000000d01d249
/dev/sdjt 3600144f0e18d8e00000000000d01d263
/dev/sdju 3600144f0e18d8e00000000000d01d277
/dev/sdjv 3600144f0e18d8e00000000000d01d114
/dev/sdjw 3600144f0e18d8e00000000000d01d128
/dev/sdjx 3600144f0e18d8e00000000000d01d142
/dev/sdjy 3600144f0e18d8e00000000000d01d156
/dev/sdjz 3600144f0e18d8e00000000000d01d170
/dev/sdk 3600144f0e18d8e00000000000d01d119
/dev/sdka 3600144f0e18d8e00000000000d01d184
/dev/sdkb 3600144f0e18d8e00000000000d01d198
/dev/sdkc 3600144f0e18d8e00000000000d01d212
/dev/sdkd 3600144f0e18d8e00000000000d01d226
/dev/sdke 3600144f0e18d8e00000000000d01d240
/dev/sdkf 3600144f0e18d8e00000000000d01d254
/dev/sdkg 3600144f0e18d8e00000000000d01d268
/dev/sdkh 3600144f0e18d8e00000000000d01d282
/dev/sdki 3600144f019554e00000000000d04d114
/dev/sdkj 3600144f019554e00000000000d04d128
/dev/sdkk 3600144f019554e00000000000d04d142
/dev/sdkl 3600144f019554e00000000000d04d156
/dev/sdkm 3600144f019554e00000000000d04d170
/dev/sdkn 3600144f019554e00000000000d04d184
/dev/sdko 3600144f019554e00000000000d04d198
/dev/sdkp 3600144f019554e00000000000d04d212
/dev/sdkq 3600144f019554e00000000000d04d226
/dev/sdkr 3600144f019554e00000000000d04d240
/dev/sdks 3600144f019554e00000000000d04d254
/dev/sdkt 3600144f019554e00000000000d04d268
/dev/sdku 3600144f09c8d8e00000000000d02d114
/dev/sdkv 3600144f09c8d8e00000000000d02d128
/dev/sdkw 3600144f09c8d8e00000000000d02d142
/dev/sdkx 3600144f09c8d8e00000000000d02d156
/dev/sdky 3600144f09c8d8e00000000000d02d170
/dev/sdkz 3600144f09c8d8e00000000000d02d184
/dev/sdl 3600144f0e18d8e00000000000d01d133
/dev/sdla 3600144f09c8d8e00000000000d02d198
/dev/sdlb 3600144f09c8d8e00000000000d02d212
/dev/sdlc 3600144f09c8d8e00000000000d02d226
/dev/sdld 3600144f09c8d8e00000000000d02d240
/dev/sdle 3600144f09c8d8e00000000000d02d254
/dev/sdlf 3600144f09c8d8e00000000000d02d268
/dev/sdlg 3600144f09c8d8e00000000000d02d282
/dev/sdlh 3600144f07d498e00000000000d03d114
/dev/sdli 3600144f07d498e00000000000d03d128
/dev/sdlj 3600144f07d498e00000000000d03d142
/dev/sdlk 3600144f07d498e00000000000d03d156
/dev/sdll 3600144f07d498e00000000000d03d170
/dev/sdlm 3600144f07d498e00000000000d03d184
/dev/sdln 3600144f07d498e00000000000d03d198
/dev/sdlo 3600144f07d498e00000000000d03d212
/dev/sdlp 3600144f07d498e00000000000d03d226
/dev/sdlq 3600144f07d498e00000000000d03d240
/dev/sdlr 3600144f07d498e00000000000d03d254
/dev/sdls 3600144f07d498e00000000000d03d268
/dev/sdlt 3600144f0c4e70e00000000000d05d114
/dev/sdlu 3600144f0c4e70e00000000000d05d128
/dev/sdlv 3600144f0c4e70e00000000000d05d142
/dev/sdlw 3600144f0c4e70e00000000000d05d156
/dev/sdlx 3600144f0c4e70e00000000000d05d170
/dev/sdly 3600144f0c4e70e00000000000d05d184
/dev/sdlz 3600144f0c4e70e00000000000d05d198
/dev/sdm 3600144f0e18d8e00000000000d01d118
/dev/sdma 3600144f0c4e70e00000000000d05d212
/dev/sdmb 3600144f0c4e70e00000000000d05d226
/dev/sdmc 3600144f0c4e70e00000000000d05d240
/dev/sdmd 3600144f0c4e70e00000000000d05d254
/dev/sdme 3600144f0c4e70e00000000000d05d268
/dev/sdmf 3600144f08129ce00000000000d09d114
/dev/sdmg 3600144f08129ce00000000000d09d128
/dev/sdmh 3600144f08129ce00000000000d09d142
/dev/sdmi 3600144f08129ce00000000000d09d156
/dev/sdmj 3600144f08129ce00000000000d09d170
/dev/sdmk 3600144f08129ce00000000000d09d184
/dev/sdml 3600144f08129ce00000000000d09d198
/dev/sdmm 3600144f08129ce00000000000d09d212
/dev/sdmn 3600144f08129ce00000000000d09d226
/dev/sdmo 3600144f08129ce00000000000d09d240
/dev/sdmp 3600144f08129ce00000000000d09d254
/dev/sdmq 3600144f08129ce00000000000d09d268
/dev/sdmr 3600144f078f08e00000000000d08d114
/dev/sdms 3600144f078f08e00000000000d08d128
/dev/sdmt 3600144f078f08e00000000000d08d142
/dev/sdmu 3600144f078f08e00000000000d08d156
/dev/sdmv 3600144f078f08e00000000000d08d170
/dev/sdmw 3600144f078f08e00000000000d08d184
/dev/sdmx 3600144f078f08e00000000000d08d198
/dev/sdmy 3600144f078f08e00000000000d08d212
/dev/sdmz 3600144f078f08e00000000000d08d226
/dev/sdn 3600144f0e18d8e00000000000d01d147
/dev/sdna 3600144f078f08e00000000000d08d240
/dev/sdnb 3600144f078f08e00000000000d08d254
/dev/sdnc 3600144f078f08e00000000000d08d268
/dev/sdnd 3600144f08129ce00000000000d09d110
/dev/sdne 3600144f08129ce00000000000d09d124
/dev/sdnf 3600144f08129ce00000000000d09d138
/dev/sdng 3600144f08129ce00000000000d09d152
/dev/sdnh 3600144f08129ce00000000000d09d166
/dev/sdni 3600144f08129ce00000000000d09d180
/dev/sdnj 3600144f0ed35ce00000000000d07d114
/dev/sdnk 3600144f08129ce00000000000d09d194
/dev/sdnl 3600144f0ed35ce00000000000d07d128
/dev/sdnm 3600144f08129ce00000000000d09d208
/dev/sdnn 3600144f0ed35ce00000000000d07d142
/dev/sdno 3600144f08129ce00000000000d09d222
/dev/sdnp 3600144f08129ce00000000000d09d236
/dev/sdnq 3600144f0ed35ce00000000000d07d156
/dev/sdnr 3600144f08129ce00000000000d09d250
/dev/sdns 3600144f08129ce00000000000d09d264

/dev/sdnt 3600144f0ed35ce00000000000d07d170
/dev/sdnu 3600144f08129ce00000000000d09d278
/dev/sdnv 3600144f0ed35ce00000000000d07d184
/dev/sdnw 3600144f0ed35ce00000000000d07d198
/dev/sdnx 3600144f019554e00000000000d04d110
/dev/sdny 3600144f0ed35ce00000000000d07d212
/dev/sdnz 3600144f0ed35ce00000000000d07d226
/dev/sdo 3600144f0e18d8e00000000000d01d132
/dev/sdoa 3600144f019554e00000000000d04d124
/dev/sdob 3600144f0ed35ce00000000000d07d240
/dev/sdoc 3600144f019554e00000000000d04d138
/dev/sdod 3600144f0ed35ce00000000000d07d254
/dev/sdoe 3600144f019554e00000000000d04d152
/dev/sdof 3600144f0ed35ce00000000000d07d268
/dev/sdog 3600144f019554e00000000000d04d166
/dev/sdoh 3600144f019554e00000000000d04d180
/dev/sdoi 3600144f019554e00000000000d04d194
/dev/sdoj 3600144f019554e00000000000d04d208
/dev/sdok 3600144f019554e00000000000d04d222
/dev/sdol 3600144f059274e00000000000d10d114
/dev/sdom 3600144f019554e00000000000d04d236
/dev/sdon 3600144f019554e00000000000d04d250
/dev/sdoo 3600144f059274e00000000000d10d128
/dev/sdop 3600144f019554e00000000000d04d264
/dev/sdoq 3600144f019554e00000000000d04d278
/dev/sdor 3600144f059274e00000000000d10d142
/dev/sdos 3600144f059274e00000000000d10d110
/dev/sdot 3600144f059274e00000000000d10d156
/dev/sdou 3600144f059274e00000000000d10d170
/dev/sdov 3600144f059274e00000000000d10d124
/dev/sdow 3600144f059274e00000000000d10d184
/dev/sdox 3600144f059274e00000000000d10d138
/dev/sdoy 3600144f059274e00000000000d10d198
/dev/sdoz 3600144f059274e00000000000d10d152
/dev/sdp 3600144f0e18d8e00000000000d01d161
/dev/sdpa 3600144f059274e00000000000d10d212
/dev/sdpb 3600144f059274e00000000000d10d166
/dev/sdpc 3600144f059274e00000000000d10d226
/dev/sdpd 3600144f059274e00000000000d10d180
/dev/sdpe 3600144f059274e00000000000d10d240
/dev/sdpf 3600144f059274e00000000000d10d194
/dev/sdpg 3600144f059274e00000000000d10d254
/dev/sdph 3600144f059274e00000000000d10d208
/dev/sdpi 3600144f059274e00000000000d10d268
/dev/sdpj 3600144f059274e00000000000d10d222
/dev/sdpk 3600144f059274e00000000000d10d236
/dev/sdpl 3600144f059274e00000000000d10d250
/dev/sdpm 3600144f08452ce00000000000d06d114
/dev/sdpn 3600144f059274e00000000000d10d264
/dev/sdpo 3600144f059274e00000000000d10d278
/dev/sdpp 3600144f07d498e00000000000d03d110
/dev/sdpq 3600144f08452ce00000000000d06d128
/dev/sdpr 3600144f07d498e00000000000d03d124
/dev/sdps 3600144f08452ce00000000000d06d142
/dev/sdpt 3600144f07d498e00000000000d03d138
/dev/sdpu 3600144f08452ce00000000000d06d156
/dev/sdpv 3600144f07d498e00000000000d03d152
/dev/sdpw 3600144f08452ce00000000000d06d170
/dev/sdpx 3600144f07d498e00000000000d03d166
/dev/sdpy 3600144f08452ce00000000000d06d184
/dev/sdpz 3600144f07d498e00000000000d03d180
/dev/sdq 3600144f0e18d8e00000000000d01d146
/dev/sdqa 3600144f08452ce00000000000d06d198
/dev/sdqb 3600144f07d498e00000000000d03d194
/dev/sdqc 3600144f08452ce00000000000d06d212
/dev/sdqd 3600144f07d498e00000000000d03d208
/dev/sdqe 3600144f08452ce00000000000d06d226
/dev/sdqf 3600144f07d498e00000000000d03d222
/dev/sdqg 3600144f08452ce00000000000d06d240
/dev/sdqh 3600144f07d498e00000000000d03d236
/dev/sdqi 3600144f08452ce00000000000d06d254
/dev/sdqj 3600144f07d498e00000000000d03d250
/dev/sdqk 3600144f08452ce00000000000d06d268
/dev/sdql 3600144f07d498e00000000000d03d264
/dev/sdqm 3600144f0c4e70e00000000000d05d111
/dev/sdqn 3600144f07d498e00000000000d03d278
/dev/sdqo 3600144f0c4e70e00000000000d05d125
/dev/sdqp 3600144f0c4e70e00000000000d05d139
/dev/sdqq 3600144f0c4e70e00000000000d05d153
/dev/sdqr 3600144f0c4e70e00000000000d05d167
/dev/sdqs 3600144f078f08e00000000000d08d110
/dev/sdqt 3600144f0c4e70e00000000000d05d181
/dev/sdqu 3600144f078f08e00000000000d08d124
/dev/sdqv 3600144f0c4e70e00000000000d05d195
/dev/sdqw 3600144f078f08e00000000000d08d138
/dev/sdqx 3600144f0c4e70e00000000000d05d209
/dev/sdqy 3600144f078f08e00000000000d08d152
/dev/sdqz 3600144f0c4e70e00000000000d05d223
/dev/sdr 3600144f0e18d8e00000000000d01d175
/dev/sdra 3600144f0c4e70e00000000000d05d237
/dev/sdrb 3600144f078f08e00000000000d08d166
/dev/sdrc 3600144f0c4e70e00000000000d05d251
/dev/sdrd 3600144f078f08e00000000000d08d180
/dev/sdre 3600144f0c4e70e00000000000d05d265
/dev/sdrf 3600144f0c4e70e00000000000d05d279
/dev/sdrg 3600144f078f08e00000000000d08d194
/dev/sdrh 3600144f019554e00000000000d04d111
/dev/sdri 3600144f078f08e00000000000d08d208
/dev/sdrj 3600144f019554e00000000000d04d125
/dev/sdrk 3600144f078f08e00000000000d08d222
/dev/sdrl 3600144f019554e00000000000d04d139
/dev/sdrm 3600144f078f08e00000000000d08d236
/dev/sdrn 3600144f019554e00000000000d04d153
/dev/sdro 3600144f078f08e00000000000d08d250
/dev/sdrp 3600144f019554e00000000000d04d167
/dev/sdrq 3600144f078f08e00000000000d08d264
/dev/sdrr 3600144f019554e00000000000d04d181
/dev/sdrs 3600144f019554e00000000000d04d195
/dev/sdrt 3600144f078f08e00000000000d08d278
/dev/sdru 3600144f019554e00000000000d04d209
/dev/sdrv 3600144f09c8d8e00000000000d02d110
/dev/sdrw 3600144f019554e00000000000d04d223
/dev/sdrx 3600144f019554e00000000000d04d237
/dev/sdry 3600144f09c8d8e00000000000d02d124
/dev/sdrz 3600144f019554e00000000000d04d251
/dev/sds 3600144f0e18d8e00000000000d01d160
/dev/sdsa 3600144f09c8d8e00000000000d02d138
/dev/sdsb 3600144f019554e00000000000d04d265
/dev/sdsc 3600144f019554e00000000000d04d279
/dev/sdsd 3600144f09c8d8e00000000000d02d152
/dev/sdse 3600144f09c8d8e00000000000d02d166
/dev/sdsf 3600144f09c8d8e00000000000d02d180
/dev/sdsg 3600144f0ed35ce00000000000d07d111
/dev/sdsh 3600144f09c8d8e00000000000d02d194
/dev/sdsi 3600144f0ed35ce00000000000d07d125
/dev/sdsj 3600144f09c8d8e00000000000d02d208
/dev/sdsk 3600144f0ed35ce00000000000d07d139
/dev/sdsl 3600144f09c8d8e00000000000d02d222
/dev/sdsm 3600144f0ed35ce00000000000d07d153
/dev/sdsn 3600144f09c8d8e00000000000d02d236
/dev/sdso 3600144f0ed35ce00000000000d07d167
/dev/sdsp 3600144f09c8d8e00000000000d02d250
/dev/sdsq 3600144f0ed35ce00000000000d07d181
/dev/sdsr 3600144f09c8d8e00000000000d02d264
/dev/sdss 3600144f0ed35ce00000000000d07d195
/dev/sdst 3600144f09c8d8e00000000000d02d278
/dev/sdsu 3600144f0ed35ce00000000000d07d209
/dev/sdsv 3600144f0ed35ce00000000000d07d223
/dev/sdsw 3600144f0ed35ce00000000000d07d237
/dev/sdsx 3600144f0ed35ce00000000000d07d251
/dev/sdsy 3600144f0ed35ce00000000000d07d265
/dev/sdsz 3600144f0ed35ce00000000000d07d279
/dev/sdt 3600144f0e18d8e00000000000d01d189
/dev/sdta 3600144f0e18d8e00000000000d01d110
/dev/sdtb 3600144f09c8d8e00000000000d02d111
/dev/sdtc 3600144f0e18d8e00000000000d01d124
/dev/sdtd 3600144f09c8d8e00000000000d02d125
/dev/sdte 3600144f0e18d8e00000000000d01d138
/dev/sdtf 3600144f09c8d8e00000000000d02d139
/dev/sdtg 3600144f09c8d8e00000000000d02d153
/dev/sdth 3600144f0e18d8e00000000000d01d152
/dev/sdti 3600144f09c8d8e00000000000d02d167
/dev/sdtj 3600144f0e18d8e00000000000d01d166
/dev/sdtk 3600144f09c8d8e00000000000d02d181
/dev/sdtl 3600144f0e18d8e00000000000d01d180
/dev/sdtm 3600144f09c8d8e00000000000d02d195
/dev/sdtn 3600144f0e18d8e00000000000d01d194
/dev/sdto 3600144f09c8d8e00000000000d02d209
/dev/sdtp 3600144f0e18d8e00000000000d01d208
/dev/sdtq 3600144f09c8d8e00000000000d02d223
/dev/sdtr 3600144f0e18d8e00000000000d01d222
/dev/sdts 3600144f09c8d8e00000000000d02d237
/dev/sdtt 3600144f0e18d8e00000000000d01d236
/dev/sdtu 3600144f09c8d8e00000000000d02d251
/dev/sdtv 3600144f0e18d8e00000000000d01d250
/dev/sdtw 3600144f09c8d8e00000000000d02d265
/dev/sdtx 3600144f0e18d8e00000000000d01d264
/dev/sdty 3600144f09c8d8e00000000000d02d279
/dev/sdtz 3600144f0e18d8e00000000000d01d278
/dev/sdu 3600144f0e18d8e00000000000d01d174
/dev/sdua 3600144f0e18d8e00000000000d01d111
/dev/sdub 3600144f0ed35ce00000000000d07d110
/dev/sduc 3600144f0e18d8e00000000000d01d125
/dev/sdud 3600144f0ed35ce00000000000d07d124

```
/dev/sdue 3600144f0e18d8e00000000000d01d139
/dev/sduf 3600144f0ed35ce00000000000d07d138
/dev/sdug 3600144f0e18d8e00000000000d01d153
/dev/sduh 3600144f0ed35ce00000000000d07d152
/dev/sdui 3600144f0e18d8e00000000000d01d167
/dev/sduj 3600144f0ed35ce00000000000d07d166
/dev/sduk 3600144f0e18d8e00000000000d01d181
/dev/sdul 3600144f0ed35ce00000000000d07d180
/dev/sdum 3600144f0e18d8e00000000000d01d195
/dev/sdun 3600144f0ed35ce00000000000d07d194
/dev/sduo 3600144f0e18d8e00000000000d01d209
/dev/sdup 3600144f0ed35ce00000000000d07d208
/dev/sduq 3600144f0e18d8e00000000000d01d223
/dev/sdur 3600144f0ed35ce00000000000d07d222
/dev/sdus 3600144f0e18d8e00000000000d01d237
/dev/sdut 3600144f0ed35ce00000000000d07d236
/dev/sduu 3600144f0e18d8e00000000000d01d251
/dev/sduv 3600144f0ed35ce00000000000d07d250
/dev/sduw 3600144f0e18d8e00000000000d01d265
/dev/sdux 3600144f0ed35ce00000000000d07d264
/dev/sduy 3600144f0e18d8e00000000000d01d279
/dev/sduz 3600144f0ed35ce00000000000d07d278
/dev/sdv 3600144f0e18d8e00000000000d01d203
/dev/sdva 3600144f07d498e00000000000d03d111
/dev/sdvb 3600144f08452ce00000000000d06d110
/dev/sdvc 3600144f07d498e00000000000d03d125
/dev/sdvd 3600144f08452ce00000000000d06d124
/dev/sdve 3600144f07d498e00000000000d03d139
/dev/sdvf 3600144f08452ce00000000000d06d138
/dev/sdvg 3600144f07d498e00000000000d03d153
/dev/sdvh 3600144f08452ce00000000000d06d152
/dev/sdvi 3600144f07d498e00000000000d03d167
/dev/sdvj 3600144f08452ce00000000000d06d166
/dev/sdvk 3600144f07d498e00000000000d03d181
/dev/sdvl 3600144f08452ce00000000000d06d180
/dev/sdvm 3600144f07d498e00000000000d03d195
/dev/sdvn 3600144f08452ce00000000000d06d194
/dev/sdvo 3600144f07d498e00000000000d03d209
/dev/sdvp 3600144f08452ce00000000000d06d208
/dev/sdvq 3600144f07d498e00000000000d03d223
/dev/sdvr 3600144f08452ce00000000000d06d222
/dev/sdvs 3600144f07d498e00000000000d03d237
/dev/sdvt 3600144f08452ce00000000000d06d236
/dev/sdvu 3600144f07d498e00000000000d03d251
/dev/sdvv 3600144f08452ce00000000000d06d250
/dev/sdvw 3600144f07d498e00000000000d03d265
/dev/sdvx 3600144f08452ce00000000000d06d264
/dev/sdvy 3600144f07d498e00000000000d03d279
/dev/sdvz 3600144f08452ce00000000000d06d278
/dev/sdw 3600144f0e18d8e00000000000d01d188
/dev/sdwa 3600144f08129ce00000000000d09d111
/dev/sdwb 3600144f0c4e70e00000000000d05d110
/dev/sdwc 3600144f08129ce00000000000d09d125
/dev/sdwd 3600144f0c4e70e00000000000d05d124
/dev/sdwe 3600144f08129ce00000000000d09d139
/dev/sdwf 3600144f0c4e70e00000000000d05d138
/dev/sdwg 3600144f08129ce00000000000d09d153
/dev/sdwh 3600144f0c4e70e00000000000d05d152
/dev/sdwi 3600144f08129ce00000000000d09d167
/dev/sdwj 3600144f0c4e70e00000000000d05d166
/dev/sdwk 3600144f08129ce00000000000d09d181
/dev/sdwl 3600144f0c4e70e00000000000d05d180
/dev/sdwm 3600144f08129ce00000000000d09d195
/dev/sdwn 3600144f0c4e70e00000000000d05d194
/dev/sdwo 3600144f08129ce00000000000d09d209
/dev/sdwp 3600144f0c4e70e00000000000d05d208
/dev/sdwq 3600144f08129ce00000000000d09d223
/dev/sdwr 3600144f0c4e70e00000000000d05d222
/dev/sdws 3600144f08129ce00000000000d09d237
/dev/sdwt 3600144f0c4e70e00000000000d05d236
/dev/sdwu 3600144f08129ce00000000000d09d251
/dev/sdwv 3600144f0c4e70e00000000000d05d250
/dev/sdww 3600144f08129ce00000000000d09d265
/dev/sdwx 3600144f0c4e70e00000000000d05d264
/dev/sdwy 3600144f08129ce00000000000d09d279
/dev/sdwz 3600144f0c4e70e00000000000d05d278
/dev/sdx 3600144f0e18d8e00000000000d01d217
/dev/sdxa 3600144f059274e00000000000d10d111
/dev/sdxb 3600144f059274e00000000000d10d125
/dev/sdxc 3600144f059274e00000000000d10d139
/dev/sdxd 3600144f059274e00000000000d10d153
/dev/sdxe 3600144f059274e00000000000d10d167
/dev/sdxf 3600144f059274e00000000000d10d181
/dev/sdxg 3600144f059274e00000000000d10d195
/dev/sdxh 3600144f059274e00000000000d10d209
/dev/sdxi 3600144f059274e00000000000d10d223
/dev/sdxj 3600144f059274e00000000000d10d237
/dev/sdxk 3600144f059274e00000000000d10d251
/dev/sdxl 3600144f059274e00000000000d10d265
/dev/sdxm 3600144f059274e00000000000d10d279
/dev/sdxn 3600144f078f08e00000000000d08d111
/dev/sdxo 3600144f078f08e00000000000d08d125
/dev/sdxp 3600144f078f08e00000000000d08d139
/dev/sdxq 3600144f078f08e00000000000d08d153
/dev/sdxr 3600144f078f08e00000000000d08d167
/dev/sdxs 3600144f078f08e00000000000d08d181
/dev/sdxt 3600144f078f08e00000000000d08d195
/dev/sdxu 3600144f078f08e00000000000d08d209
/dev/sdxv 3600144f078f08e00000000000d08d223
/dev/sdxw 3600144f078f08e00000000000d08d237
/dev/sdxx 3600144f078f08e00000000000d08d251
/dev/sdxy 3600144f078f08e00000000000d08d265
/dev/sdxz 3600144f078f08e00000000000d08d279
/dev/sdy 3600144f0e18d8e00000000000d01d202
/dev/sdya 3600144f08452ce00000000000d06d111
/dev/sdyb 3600144f08452ce00000000000d06d125
/dev/sdyc 3600144f08452ce00000000000d06d139
/dev/sdyd 3600144f08452ce00000000000d06d153
/dev/sdye 3600144f08452ce00000000000d06d167
/dev/sdyf 3600144f08452ce00000000000d06d181
/dev/sdyg 3600144f08452ce00000000000d06d195
/dev/sdyh 3600144f08452ce00000000000d06d209
/dev/sdyi 3600144f08452ce00000000000d06d223
/dev/sdyj 3600144f08452ce00000000000d06d237
/dev/sdyk 3600144f08452ce00000000000d06d251
/dev/sdyl 3600144f08452ce00000000000d06d265
/dev/sdym 3600144f08452ce00000000000d06d279
/dev/sdyn 3600144f0e18d8e00000000000d01d101
/dev/sdyo 3600144f0e18d8e00000000000d01d115
/dev/sdyp 3600144f0e18d8e00000000000d01d129
/dev/sdyq 3600144f0e18d8e00000000000d01d143
/dev/sdyr 3600144f0e18d8e00000000000d01d157
/dev/sdys 3600144f0e18d8e00000000000d01d171
/dev/sdyt 3600144f0e18d8e00000000000d01d185
/dev/sdyu 3600144f0e18d8e00000000000d01d199
/dev/sdyv 3600144f0e18d8e00000000000d01d213
/dev/sdyw 3600144f0e18d8e00000000000d01d227
/dev/sdyx 3600144f0e18d8e00000000000d01d241
/dev/sdyy 3600144f0e18d8e00000000000d01d255
/dev/sdyz 3600144f0e18d8e00000000000d01d269
/dev/sdz 3600144f0e18d8e00000000000d01d231
/dev/sdza 3600144f0e18d8e00000000000d01d283
/dev/sdza1 3600144f0e18d8e00000000000d01d283
/dev/sdzb 3600144f09c8d8e00000000000d02d101
/dev/sdzc 3600144f09c8d8e00000000000d02d115
/dev/sdzd 3600144f09c8d8e00000000000d02d129
/dev/sdze 3600144f09c8d8e00000000000d02d143
/dev/sdzf 3600144f09c8d8e00000000000d02d157
/dev/sdzg 3600144f09c8d8e00000000000d02d171
/dev/sdzh 3600144f09c8d8e00000000000d02d185
/dev/sdzi 3600144f09c8d8e00000000000d02d199
/dev/sdzj 3600144f09c8d8e00000000000d02d213
/dev/sdzk 3600144f09c8d8e00000000000d02d227
/dev/sdzl 3600144f09c8d8e00000000000d02d241
/dev/sdzm 3600144f09c8d8e00000000000d02d255
/dev/sdzn 3600144f09c8d8e00000000000d02d269
/dev/sdzo 3600144f0c4e70e00000000000d05d101
/dev/sdzp 3600144f0c4e70e00000000000d05d115
/dev/sdzq 3600144f0c4e70e00000000000d05d129
/dev/sdzr 3600144f0c4e70e00000000000d05d143
/dev/sdzs 3600144f0c4e70e00000000000d05d157
/dev/sdzt 3600144f0c4e70e00000000000d05d171
/dev/sdzu 3600144f0c4e70e00000000000d05d185
/dev/sdzv 3600144f0c4e70e00000000000d05d199
/dev/sdzw 3600144f0c4e70e00000000000d05d213
/dev/sdzx 3600144f0c4e70e00000000000d05d227
/dev/sdzy 3600144f0c4e70e00000000000d05d241
/dev/sdzz 3600144f0c4e70e00000000000d05d255
```

udev.rules

```
KERNEL=="sd*1",BUS=="scsi",PROGRAM="/sbin/scsi_id -g -d
$tempnode"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d281",NAME=
"tpcc-disk-
d08d281",GROUP:="dba",OWNER:="oracle",SYMLINK+="control_001"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d281",NAME=
"tpcc-disk-
d09d281",GROUP:="dba",OWNER:="oracle",SYMLINK+="control_002"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d101",NAME=
"tpcc-disk-
d02d101",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_0"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d111",NAME=
```

```
"tpcc-disk-
d02d111",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_100"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d111",NAME="
"tpcc-disk-
d03d111",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_101"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d111",NAME="
"tpcc-disk-
d04d111",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_102"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d111",NAME="
"tpcc-disk-
d05d111",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_103"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d102",NAME="
"tpcc-disk-
d02d102",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_10"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d111",NAME="
"tpcc-disk-
d06d111",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_104"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d111",NAME="
"tpcc-disk-
d07d111",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_105"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d111",NAME="
"tpcc-disk-
d08d111",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_106"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d111",NAME="
"tpcc-disk-
d09d111",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_107"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d111",NAME="
"tpcc-disk-
d10d111",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_108"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d112",NAME="
"tpcc-disk-
d01d112",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_109"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d112",NAME="
"tpcc-disk-
d02d112",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_110"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d112",NAME="
"tpcc-disk-
d03d112",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_111"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d112",NAME="
"tpcc-disk-
d04d112",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_112"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d112",NAME="
"tpcc-disk-
d05d112",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_113"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d102",NAME="
"tpcc-disk-
d03d102",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_11"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d112",NAME="
"tpcc-disk-
d06d112",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_114"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d112",NAME="
"tpcc-disk-
d07d112",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_115"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d112",NAME="
"tpcc-disk-
d08d112",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_116"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d112",NAME="
"tpcc-disk-
d09d112",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_117"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d112",NAME="
"tpcc-disk-
d10d112",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_118"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d113",NAME="
"tpcc-disk-
d01d113",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_119"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d113",NAME="
"tpcc-disk-
d02d113",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_120"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d113",NAME="
"tpcc-disk-
d03d113",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_121"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d113",NAME="
"tpcc-disk-
d04d113",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_122"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d113",NAME="
"tpcc-disk-
d05d113",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_123"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d102",NAME="
"tpcc-disk-
d04d102",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_12"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d113",NAME="
"tpcc-disk-
d06d113",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_124"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d113",NAME="
"tpcc-disk-
d07d113",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_125"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d113",NAME="
"tpcc-disk-
d08d113",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_126"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d113",NAME="
"tpcc-disk-
d09d113",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_127"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d113",NAME="
"tpcc-disk-
d10d113",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_128"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d114",NAME="
"tpcc-disk-
d01d114",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_129"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d114",NAME="
"tpcc-disk-
d02d114",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_130"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d114",NAME="
"tpcc-disk-
d03d114",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_131"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d114",NAME="
"tpcc-disk-
d04d114",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_132"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d114",NAME="
"tpcc-disk-
d05d114",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_133"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d102",NAME="
"tpcc-disk-
d05d102",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_13"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d114",NAME="
"tpcc-disk-
d06d114",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_134"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d114",NAME="
"tpcc-disk-
d07d114",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_135"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d101",NAME="
"tpcc-disk-
d03d101",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_1"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d114",NAME="
"tpcc-disk-
d08d114",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_136"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d114",NAME="
"tpcc-disk-
d09d114",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_137"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d114",NAME="
"tpcc-disk-
d10d114",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_138"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d115",NAME="
"tpcc-disk-
d01d115",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_139"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d115",NAME="
"tpcc-disk-
d02d115",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_140"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d115",NAME="
"tpcc-disk-
d03d115",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_141"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d115",NAME="
"tpcc-disk-
d04d115",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_142"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d115",NAME="
"tpcc-disk-
d05d115",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_143"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d102",NAME="
"tpcc-disk-
d06d102",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_14"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d115",NAME="
"tpcc-disk-
d06d115",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_144"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d115",NAME="
"tpcc-disk-
d07d115",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_145"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d115",NAME="
"tpcc-disk-
d08d115",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_146"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d115",NAME="
"tpcc-disk-
d09d115",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_147"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d115",NAME="
"tpcc-disk-
d10d115",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_148"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d116",NAME="
"tpcc-disk-
d01d116",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_149"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d116",NAME="
"tpcc-disk-
d02d116",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_150"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d116",NAME="
"tpcc-disk-
d03d116",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_151"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d116",NAME="
```

```
"tpcc-disk-
d04d116",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_152"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d116",NAME=
"tpcc-disk-
d05d116",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_153"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d102",NAME=
"tpcc-disk-
d07d102",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_15"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d116",NAME=
"tpcc-disk-
d06d116",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_154"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d116",NAME=
"tpcc-disk-
d07d116",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_155"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d116",NAME=
"tpcc-disk-
d08d116",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_156"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d116",NAME=
"tpcc-disk-
d09d116",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_157"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d116",NAME=
"tpcc-disk-
d10d116",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_158"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d117",NAME=
"tpcc-disk-
d01d117",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_159"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d117",NAME=
"tpcc-disk-
d02d117",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_160"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d117",NAME=
"tpcc-disk-
d03d117",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_161"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d117",NAME=
"tpcc-disk-
d04d117",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_162"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d117",NAME=
"tpcc-disk-
d05d117",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_163"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d102",NAME=
"tpcc-disk-
d08d102",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_16"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d117",NAME=
"tpcc-disk-
d06d117",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_164"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d117",NAME=
"tpcc-disk-
d07d117",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_165"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d117",NAME=
"tpcc-disk-
d08d117",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_166"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d117",NAME=
"tpcc-disk-
d09d117",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_167"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d117",NAME=
"tpcc-disk-
d10d117",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_168"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d118",NAME=
"tpcc-disk-
d01d118",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_169"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d118",NAME=
"tpcc-disk-
d02d118",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_170"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d118",NAME=
"tpcc-disk-
d03d118",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_171"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d118",NAME=
"tpcc-disk-
d04d118",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_172"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d118",NAME=
"tpcc-disk-
d05d118",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_173"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d102",NAME=
"tpcc-disk-
d09d102",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_17"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d118",NAME=
"tpcc-disk-
d06d118",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_174"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d118",NAME=
"tpcc-disk-
d07d118",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_175"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d118",NAME=
"tpcc-disk-
d08d118",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_176"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d118",NAME=
"tpcc-disk-
d09d118",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_177"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d118",NAME=
"tpcc-disk-
d10d118",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_178"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d119",NAME=
"tpcc-disk-
d01d119",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_179"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d119",NAME=
"tpcc-disk-
d02d119",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_180"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d119",NAME=
"tpcc-disk-
d03d119",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_181"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d119",NAME=
"tpcc-disk-
d04d119",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_182"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d119",NAME=
"tpcc-disk-
d05d119",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_183"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d102",NAME=
"tpcc-disk-
d10d102",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_18"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d119",NAME=
"tpcc-disk-
d06d119",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_184"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d119",NAME=
"tpcc-disk-
d07d119",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_185"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d119",NAME=
"tpcc-disk-
d08d119",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_186"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d119",NAME=
"tpcc-disk-
d09d119",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_187"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d119",NAME=
"tpcc-disk-
d10d119",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_188"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d120",NAME=
"tpcc-disk-
d01d120",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_189"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d120",NAME=
"tpcc-disk-
d02d120",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_190"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d120",NAME=
"tpcc-disk-
d03d120",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_191"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d120",NAME=
"tpcc-disk-
d04d120",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_192"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d120",NAME=
"tpcc-disk-
d05d120",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_193"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d103",NAME=
"tpcc-disk-
d01d103",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_19"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d120",NAME=
"tpcc-disk-
d06d120",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_194"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d120",NAME=
"tpcc-disk-
d07d120",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_195"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d120",NAME=
"tpcc-disk-
d08d120",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_196"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d120",NAME=
"tpcc-disk-
d09d120",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_197"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d120",NAME=
"tpcc-disk-
d10d120",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_198"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d121",NAME=
"tpcc-disk-
d01d121",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_199"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d121",NAME=
"tpcc-disk-
d02d121",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_200"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d121",NAME=
"tpcc-disk-
d03d121",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_201"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d121",NAME=
"tpcc-disk-
d04d121",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_202"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d121",NAME=
"tpcc-disk-
d05d121",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_203"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d103",NAME=
"tpcc-disk-
d02d103",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_20"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d121",NAME=
```

```
"tpcc-disk-
d06d121",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_204"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d121",NAME=
"tpcc-disk-
d07d121",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_205"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d121",NAME=
"tpcc-disk-
d08d121",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_206"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d121",NAME=
"tpcc-disk-
d09d121",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_207"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d121",NAME=
"tpcc-disk-
d10d121",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_208"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d122",NAME=
"tpcc-disk-
d01d122",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_209"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d122",NAME=
"tpcc-disk-
d02d122",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_210"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d122",NAME=
"tpcc-disk-
d03d122",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_211"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d122",NAME=
"tpcc-disk-
d04d122",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_212"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d122",NAME=
"tpcc-disk-
d05d122",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_213"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d103",NAME=
"tpcc-disk-
d03d103",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_21"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d122",NAME=
"tpcc-disk-
d06d122",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_214"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d122",NAME=
"tpcc-disk-
d07d122",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_215"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d122",NAME=
"tpcc-disk-
d08d122",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_216"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d122",NAME=
"tpcc-disk-
d09d122",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_217"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d122",NAME=
"tpcc-disk-
d10d122",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_218"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d123",NAME=
"tpcc-disk-
d01d123",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_219"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d123",NAME=
"tpcc-disk-
d02d123",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_220"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d123",NAME=
"tpcc-disk-
d03d123",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_221"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d123",NAME=
"tpcc-disk-
d04d123",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_222"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d123",NAME=
"tpcc-disk-
d05d123",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_223"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d103",NAME=
"tpcc-disk-
d04d103",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_22"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d123",NAME=
"tpcc-disk-
d06d123",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_224"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d123",NAME=
"tpcc-disk-
d07d123",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_225"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d123",NAME=
"tpcc-disk-
d08d123",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_226"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d123",NAME=
"tpcc-disk-
d09d123",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_227"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d123",NAME=
"tpcc-disk-
d10d123",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_228"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d124",NAME=
"tpcc-disk-
d01d124",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_229"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d124",NAME=
"tpcc-disk-
d02d124",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_230"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d124",NAME=
"tpcc-disk-
d03d124",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_231"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d124",NAME=
"tpcc-disk-
d04d124",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_232"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d124",NAME=
"tpcc-disk-
d05d124",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_233"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d103",NAME=
"tpcc-disk-
d05d103",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_23"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d124",NAME=
"tpcc-disk-
d06d124",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_234"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d124",NAME=
"tpcc-disk-
d07d124",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_235"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d101",NAME=
"tpcc-disk-
d04d101",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_2"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d124",NAME=
"tpcc-disk-
d08d124",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_236"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d124",NAME=
"tpcc-disk-
d09d124",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_237"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d124",NAME=
"tpcc-disk-
d10d124",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_238"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d125",NAME=
"tpcc-disk-
d01d125",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_239"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d125",NAME=
"tpcc-disk-
d02d125",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_240"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d125",NAME=
"tpcc-disk-
d03d125",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_241"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d125",NAME=
"tpcc-disk-
d04d125",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_242"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d125",NAME=
"tpcc-disk-
d05d125",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_243"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d103",NAME=
"tpcc-disk-
d06d103",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_24"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d125",NAME=
"tpcc-disk-
d06d125",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_244"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d125",NAME=
"tpcc-disk-
d07d125",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_245"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d125",NAME=
"tpcc-disk-
d08d125",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_246"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d125",NAME=
"tpcc-disk-
d09d125",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_247"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d125",NAME=
"tpcc-disk-
d10d125",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_248"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d126",NAME=
"tpcc-disk-
d01d126",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_249"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d126",NAME=
"tpcc-disk-
d02d126",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_250"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d126",NAME=
"tpcc-disk-
d03d126",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_251"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d126",NAME=
"tpcc-disk-
d04d126",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_252"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d126",NAME=
"tpcc-disk-
d05d126",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_253"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d103",NAME=
"tpcc-disk-
d07d103",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_25"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d126",NAME=
"tpcc-disk-
d06d126",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_254"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d126",NAME=
"tpcc-disk-
d07d126",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_255"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d126",NAME=
```

```
"tpcc-disk-
d08d126",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_256"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d126",NAME="
"tpcc-disk-
d09d126",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_257"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d126",NAME="
"tpcc-disk-
d10d126",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_258"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d127",NAME="
"tpcc-disk-
d01d127",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_259"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d127",NAME="
"tpcc-disk-
d02d127",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_260"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d127",NAME="
"tpcc-disk-
d03d127",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_261"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d127",NAME="
"tpcc-disk-
d04d127",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_262"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d127",NAME="
"tpcc-disk-
d05d127",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_263"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d103",NAME="
"tpcc-disk-
d08d103",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_26"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d127",NAME="
"tpcc-disk-
d06d127",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_264"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d127",NAME="
"tpcc-disk-
d07d127",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_265"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d127",NAME="
"tpcc-disk-
d08d127",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_266"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d127",NAME="
"tpcc-disk-
d09d127",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_267"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d127",NAME="
"tpcc-disk-
d10d127",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_268"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d128",NAME="
"tpcc-disk-
d01d128",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_269"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d128",NAME="
"tpcc-disk-
d02d128",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_270"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d128",NAME="
"tpcc-disk-
d03d128",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_271"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d128",NAME="
"tpcc-disk-
d04d128",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_272"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d128",NAME="
"tpcc-disk-
d05d128",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_273"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d103",NAME="
"tpcc-disk-
d09d103",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_27"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d128",NAME="
"tpcc-disk-
d06d128",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_274"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d128",NAME="
"tpcc-disk-
d07d128",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_275"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d128",NAME="
"tpcc-disk-
d08d128",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_276"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d128",NAME="
"tpcc-disk-
d09d128",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_277"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d128",NAME="
"tpcc-disk-
d10d128",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_278"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d129",NAME="
"tpcc-disk-
d01d129",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_279"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d129",NAME="
"tpcc-disk-
d02d129",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_280"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d129",NAME="
"tpcc-disk-
d03d129",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_281"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d129",NAME="
"tpcc-disk-
d04d129",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_282"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d129",NAME="
"tpcc-disk-
d05d129",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_283"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d103",NAME="
"tpcc-disk-
d10d103",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_28"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d129",NAME="
"tpcc-disk-
d06d129",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_284"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d129",NAME="
"tpcc-disk-
d07d129",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_285"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d129",NAME="
"tpcc-disk-
d08d129",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_286"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d129",NAME="
"tpcc-disk-
d09d129",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_287"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d129",NAME="
"tpcc-disk-
d10d129",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_288"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d130",NAME="
"tpcc-disk-
d01d130",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_289"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d130",NAME="
"tpcc-disk-
d02d130",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_290"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d130",NAME="
"tpcc-disk-
d03d130",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_291"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d130",NAME="
"tpcc-disk-
d04d130",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_292"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d130",NAME="
"tpcc-disk-
d05d130",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_293"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d104",NAME="
"tpcc-disk-
d01d104",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_29"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d130",NAME="
"tpcc-disk-
d06d130",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_294"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d130",NAME="
"tpcc-disk-
d07d130",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_295"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d130",NAME="
"tpcc-disk-
d08d130",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_296"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d130",NAME="
"tpcc-disk-
d09d130",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_297"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d130",NAME="
"tpcc-disk-
d10d130",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_298"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d131",NAME="
"tpcc-disk-
d01d131",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_299"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d131",NAME="
"tpcc-disk-
d02d131",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_300"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d131",NAME="
"tpcc-disk-
d03d131",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_301"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d131",NAME="
"tpcc-disk-
d04d131",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_302"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d131",NAME="
"tpcc-disk-
d05d131",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_303"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d104",NAME="
"tpcc-disk-
d02d104",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_30"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d131",NAME="
"tpcc-disk-
d06d131",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_304"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d131",NAME="
"tpcc-disk-
d07d131",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_305"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d131",NAME="
"tpcc-disk-
d08d131",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_306"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d131",NAME="
"tpcc-disk-
d09d131",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_307"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d131",NAME="
"tpcc-disk-
d10d131",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_308"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d132",NAME="
```

```
"tpcc-disk-
d01d132",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_309"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d132",NAME="
"tpcc-disk-
d02d132",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_310"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d132",NAME="
"tpcc-disk-
d03d132",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_311"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d132",NAME="
"tpcc-disk-
d04d132",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_312"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d132",NAME="
"tpcc-disk-
d05d132",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_313"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d104",NAME="
"tpcc-disk-
d03d104",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_31"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d132",NAME="
"tpcc-disk-
d06d132",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_314"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d132",NAME="
"tpcc-disk-
d07d132",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_315"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d132",NAME="
"tpcc-disk-
d08d132",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_316"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d132",NAME="
"tpcc-disk-
d09d132",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_317"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d132",NAME="
"tpcc-disk-
d10d132",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_318"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d133",NAME="
"tpcc-disk-
d01d133",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_319"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d133",NAME="
"tpcc-disk-
d02d133",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_320"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d133",NAME="
"tpcc-disk-
d03d133",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_321"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d133",NAME="
"tpcc-disk-
d04d133",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_322"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d133",NAME="
"tpcc-disk-
d05d133",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_323"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d104",NAME="
"tpcc-disk-
d04d104",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_32"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d133",NAME="
"tpcc-disk-
d06d133",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_324"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d133",NAME="
"tpcc-disk-
d07d133",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_325"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d133",NAME="
"tpcc-disk-
d08d133",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_326"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d133",NAME="
"tpcc-disk-
d09d133",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_327"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d133",NAME="
"tpcc-disk-
d10d133",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_328"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d134",NAME="
"tpcc-disk-
d01d134",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_329"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d134",NAME="
"tpcc-disk-
d02d134",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_330"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d134",NAME="
"tpcc-disk-
d03d134",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_331"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d134",NAME="
"tpcc-disk-
d04d134",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_332"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d134",NAME="
"tpcc-disk-
d05d134",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_333"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d104",NAME="
"tpcc-disk-
d05d104",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_33"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d134",NAME="
"tpcc-disk-
d06d134",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_334"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d134",NAME="
"tpcc-disk-
d07d134",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_335"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d101",NAME="
"tpcc-disk-
d05d101",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_3"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d134",NAME="
"tpcc-disk-
d08d134",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_336"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d134",NAME="
"tpcc-disk-
d09d134",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_337"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d134",NAME="
"tpcc-disk-
d10d134",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_338"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d135",NAME="
"tpcc-disk-
d01d135",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_339"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d135",NAME="
"tpcc-disk-
d02d135",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_340"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d135",NAME="
"tpcc-disk-
d03d135",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_341"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d135",NAME="
"tpcc-disk-
d04d135",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_342"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d135",NAME="
"tpcc-disk-
d05d135",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_343"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d104",NAME="
"tpcc-disk-
d06d104",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_34"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d135",NAME="
"tpcc-disk-
d06d135",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_344"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d135",NAME="
"tpcc-disk-
d07d135",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_345"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d135",NAME="
"tpcc-disk-
d08d135",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_346"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d135",NAME="
"tpcc-disk-
d09d135",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_347"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d135",NAME="
"tpcc-disk-
d10d135",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_348"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d136",NAME="
"tpcc-disk-
d01d136",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_349"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d136",NAME="
"tpcc-disk-
d02d136",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_350"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d136",NAME="
"tpcc-disk-
d03d136",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_351"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d136",NAME="
"tpcc-disk-
d04d136",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_352"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d136",NAME="
"tpcc-disk-
d05d136",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_353"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d104",NAME="
"tpcc-disk-
d07d104",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_35"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d136",NAME="
"tpcc-disk-
d06d136",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_354"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d136",NAME="
"tpcc-disk-
d07d136",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_355"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d136",NAME="
"tpcc-disk-
d08d136",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_356"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d136",NAME="
"tpcc-disk-
d09d136",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_357"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d136",NAME="
"tpcc-disk-
d10d136",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_358"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d137",NAME="
"tpcc-disk-
d01d137",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_359"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d137",NAME="
"tpcc-disk-
d02d137",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_360"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d137",NAME="
```

```
"tpcc-disk-
d03d137",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_361"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d137",NAME="tpcc-disk-
d04d137",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_362"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d137",NAME="tpcc-disk-
d05d137",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_363"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d104",NAME="tpcc-disk-
d08d104",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_36"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d137",NAME="tpcc-disk-
d06d137",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_364"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d137",NAME="tpcc-disk-
d07d137",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_365"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d137",NAME="tpcc-disk-
d08d137",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_366"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d137",NAME="tpcc-disk-
d09d137",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_367"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d137",NAME="tpcc-disk-
d10d137",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_368"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d138",NAME="tpcc-disk-
d01d138",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_369"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d138",NAME="tpcc-disk-
d02d138",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_370"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d138",NAME="tpcc-disk-
d03d138",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_371"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d138",NAME="tpcc-disk-
d04d138",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_372"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d138",NAME="tpcc-disk-
d05d138",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_373"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d104",NAME="tpcc-disk-
d09d104",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_37"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d138",NAME="tpcc-disk-
d06d138",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_374"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d138",NAME="tpcc-disk-
d07d138",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_375"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d138",NAME="tpcc-disk-
d08d138",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_376"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d138",NAME="tpcc-disk-
d09d138",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_377"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d138",NAME="tpcc-disk-
d10d138",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_378"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d139",NAME="tpcc-disk-
d01d139",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_379"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d139",NAME="tpcc-disk-
d02d139",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_380"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d139",NAME="tpcc-disk-
d03d139",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_381"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d139",NAME="tpcc-disk-
d04d139",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_382"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d139",NAME="tpcc-disk-
d05d139",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_383"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d104",NAME="tpcc-disk-
d10d104",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_38"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d139",NAME="tpcc-disk-
d06d139",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_384"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d139",NAME="tpcc-disk-
d07d139",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_385"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d139",NAME="tpcc-disk-
d08d139",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_386"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d139",NAME="tpcc-disk-
d09d139",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_387"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d139",NAME="tpcc-disk-
d10d139",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_388"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d140",NAME="tpcc-disk-
d01d140",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_389"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d140",NAME="tpcc-disk-
d02d140",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_390"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d140",NAME="tpcc-disk-
d03d140",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_391"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d140",NAME="tpcc-disk-
d04d140",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_392"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d140",NAME="tpcc-disk-
d05d140",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_393"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d105",NAME="tpcc-disk-
d01d105",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_39"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d140",NAME="tpcc-disk-
d06d140",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_394"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d140",NAME="tpcc-disk-
d07d140",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_395"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d140",NAME="tpcc-disk-
d08d140",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_396"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d140",NAME="tpcc-disk-
d09d140",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_397"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d140",NAME="tpcc-disk-
d10d140",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_398"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d141",NAME="tpcc-disk-
d01d141",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_399"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d141",NAME="tpcc-disk-
d02d141",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_400"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d141",NAME="tpcc-disk-
d03d141",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_401"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d141",NAME="tpcc-disk-
d04d141",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_402"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d141",NAME="tpcc-disk-
d05d141",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_403"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d105",NAME="tpcc-disk-
d02d105",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_40"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d141",NAME="tpcc-disk-
d06d141",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_404"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d141",NAME="tpcc-disk-
d07d141",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_405"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d141",NAME="tpcc-disk-
d08d141",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_406"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d141",NAME="tpcc-disk-
d09d141",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_407"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d141",NAME="tpcc-disk-
d10d141",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_408"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d142",NAME="tpcc-disk-
d01d142",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_409"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d142",NAME="tpcc-disk-
d02d142",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_410"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d142",NAME="tpcc-disk-
d03d142",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_411"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d142",NAME="tpcc-disk-
d04d142",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_412"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d142",NAME="tpcc-disk-
d05d142",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_413"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d105",NAME=
```

"tpcc-disk-
d03d105",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_41"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d142",NAME="
"tpcc-disk-
d06d142",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_414"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d142",NAME="
"tpcc-disk-
d07d142",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_415"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d142",NAME="
"tpcc-disk-
d08d142",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_416"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d142",NAME="
"tpcc-disk-
d09d142",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_417"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d142",NAME="
"tpcc-disk-
d10d142",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_418"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d143",NAME="
"tpcc-disk-
d01d143",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_419"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d143",NAME="
"tpcc-disk-
d02d143",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_420"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d143",NAME="
"tpcc-disk-
d03d143",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_421"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d143",NAME="
"tpcc-disk-
d04d143",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_422"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d143",NAME="
"tpcc-disk-
d05d143",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_423"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d105",NAME="
"tpcc-disk-
d04d105",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_42"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d143",NAME="
"tpcc-disk-
d06d143",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_424"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d143",NAME="
"tpcc-disk-
d07d143",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_425"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d143",NAME="
"tpcc-disk-
d08d143",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_426"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d143",NAME="
"tpcc-disk-
d09d143",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_427"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d143",NAME="
"tpcc-disk-
d10d143",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_428"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d144",NAME="
"tpcc-disk-
d01d144",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_429"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d144",NAME="
"tpcc-disk-
d02d144",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_430"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d144",NAME="
"tpcc-disk-
d03d144",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_431"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d144",NAME="
"tpcc-disk-
d04d144",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_432"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d144",NAME="
"tpcc-disk-
d05d144",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_433"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d105",NAME="
"tpcc-disk-
d05d105",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_43"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d144",NAME="
"tpcc-disk-
d06d144",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_434"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d144",NAME="
"tpcc-disk-
d07d144",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_435"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d101",NAME="
"tpcc-disk-
d06d101",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_4"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d144",NAME="
"tpcc-disk-
d08d144",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_436"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d144",NAME="
"tpcc-disk-
d09d144",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_437"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d144",NAME="
"tpcc-disk-
d10d144",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_438"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d145",NAME="
"tpcc-disk-
d01d145",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_439"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d145",NAME="
"tpcc-disk-
d02d145",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_440"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d145",NAME="
"tpcc-disk-
d03d145",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_441"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d145",NAME="
"tpcc-disk-
d04d145",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_442"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d145",NAME="
"tpcc-disk-
d05d145",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_443"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d105",NAME="
"tpcc-disk-
d06d105",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_44"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d145",NAME="
"tpcc-disk-
d06d145",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_444"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d145",NAME="
"tpcc-disk-
d07d145",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_445"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d145",NAME="
"tpcc-disk-
d08d145",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_446"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d145",NAME="
"tpcc-disk-
d09d145",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_447"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d145",NAME="
"tpcc-disk-
d10d145",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_448"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d146",NAME="
"tpcc-disk-
d01d146",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_449"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d146",NAME="
"tpcc-disk-
d02d146",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_450"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d146",NAME="
"tpcc-disk-
d03d146",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_451"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d146",NAME="
"tpcc-disk-
d04d146",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_452"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d146",NAME="
"tpcc-disk-
d05d146",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_453"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d105",NAME="
"tpcc-disk-
d07d105",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_45"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d146",NAME="
"tpcc-disk-
d06d146",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_454"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d146",NAME="
"tpcc-disk-
d07d146",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_455"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d146",NAME="
"tpcc-disk-
d08d146",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_456"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d146",NAME="
"tpcc-disk-
d09d146",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_457"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d146",NAME="
"tpcc-disk-
d10d146",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_458"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d147",NAME="
"tpcc-disk-
d01d147",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_459"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d147",NAME="
"tpcc-disk-
d02d147",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_460"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d147",NAME="
"tpcc-disk-
d03d147",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_461"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d147",NAME="
"tpcc-disk-
d04d147",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_462"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d147",NAME="
"tpcc-disk-
d05d147",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_463"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d105",NAME="
"tpcc-disk-
d08d105",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_46"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d147",NAME="
"tpcc-disk-
d06d147",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_464"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d147",NAME="

```
"tpcc-disk-
d07d147",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_465"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d147",NAME=
"tpcc-disk-
d08d147",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_466"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d147",NAME=
"tpcc-disk-
d09d147",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_467"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d147",NAME=
"tpcc-disk-
d10d147",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_468"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d148",NAME=
"tpcc-disk-
d01d148",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_469"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d148",NAME=
"tpcc-disk-
d02d148",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_470"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d148",NAME=
"tpcc-disk-
d03d148",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_471"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d148",NAME=
"tpcc-disk-
d04d148",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_472"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d148",NAME=
"tpcc-disk-
d05d148",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_473"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d105",NAME=
"tpcc-disk-
d09d105",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_47"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d148",NAME=
"tpcc-disk-
d06d148",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_474"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d148",NAME=
"tpcc-disk-
d07d148",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_475"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d148",NAME=
"tpcc-disk-
d08d148",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_476"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d148",NAME=
"tpcc-disk-
d09d148",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_477"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d148",NAME=
"tpcc-disk-
d10d148",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_478"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d149",NAME=
"tpcc-disk-
d01d149",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_479"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d149",NAME=
"tpcc-disk-
d02d149",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_480"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d149",NAME=
"tpcc-disk-
d03d149",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_481"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d149",NAME=
"tpcc-disk-
d04d149",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_482"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d149",NAME=
"tpcc-disk-
d05d149",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_483"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d105",NAME=
"tpcc-disk-
d10d105",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_48"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d149",NAME=
"tpcc-disk-
d06d149",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_484"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d149",NAME=
"tpcc-disk-
d07d149",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_485"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d149",NAME=
"tpcc-disk-
d08d149",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_486"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d149",NAME=
"tpcc-disk-
d09d149",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_487"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d149",NAME=
"tpcc-disk-
d10d149",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_488"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d150",NAME=
"tpcc-disk-
d01d150",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_489"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d150",NAME=
"tpcc-disk-
d02d150",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_490"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d150",NAME=
"tpcc-disk-
d03d150",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_491"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d150",NAME=
"tpcc-disk-
d04d150",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_492"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d150",NAME=
"tpcc-disk-
d05d150",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_493"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d106",NAME=
"tpcc-disk-
d01d106",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_49"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d150",NAME=
"tpcc-disk-
d06d150",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_494"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d150",NAME=
"tpcc-disk-
d07d150",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_495"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d150",NAME=
"tpcc-disk-
d08d150",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_496"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d150",NAME=
"tpcc-disk-
d09d150",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_497"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d150",NAME=
"tpcc-disk-
d10d150",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_498"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d151",NAME=
"tpcc-disk-
d01d151",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_499"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d151",NAME=
"tpcc-disk-
d02d151",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_500"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d151",NAME=
"tpcc-disk-
d03d151",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_501"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d151",NAME=
"tpcc-disk-
d04d151",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_502"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d151",NAME=
"tpcc-disk-
d05d151",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_503"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d106",NAME=
"tpcc-disk-
d02d106",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_50"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d151",NAME=
"tpcc-disk-
d06d151",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_504"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d151",NAME=
"tpcc-disk-
d07d151",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_505"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d151",NAME=
"tpcc-disk-
d08d151",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_506"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d151",NAME=
"tpcc-disk-
d09d151",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_507"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d151",NAME=
"tpcc-disk-
d10d151",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_508"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d152",NAME=
"tpcc-disk-
d01d152",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_509"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d152",NAME=
"tpcc-disk-
d02d152",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_510"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d152",NAME=
"tpcc-disk-
d03d152",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_511"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d152",NAME=
"tpcc-disk-
d04d152",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_512"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d152",NAME=
"tpcc-disk-
d05d152",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_513"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d106",NAME=
"tpcc-disk-
d03d106",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_51"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d152",NAME=
"tpcc-disk-
d06d152",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_514"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d152",NAME=
"tpcc-disk-
d07d152",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_515"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d152",NAME=
"tpcc-disk-
d08d152",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_516"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d152",NAME=
"tpcc-disk-
d09d152",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_517"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d152",NAME=
```

```
"tpcc-disk-
d10d152",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_518"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d153",NAME="
"tpcc-disk-
d01d153",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_519"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d153",NAME="
"tpcc-disk-
d02d153",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_520"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d153",NAME="
"tpcc-disk-
d03d153",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_521"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d153",NAME="
"tpcc-disk-
d04d153",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_522"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d153",NAME="
"tpcc-disk-
d05d153",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_523"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d106",NAME="
"tpcc-disk-
d04d106",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_52"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d153",NAME="
"tpcc-disk-
d06d153",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_524"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d153",NAME="
"tpcc-disk-
d07d153",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_525"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d153",NAME="
"tpcc-disk-
d08d153",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_526"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d153",NAME="
"tpcc-disk-
d09d153",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_527"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d153",NAME="
"tpcc-disk-
d10d153",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_528"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d154",NAME="
"tpcc-disk-
d01d154",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_529"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d154",NAME="
"tpcc-disk-
d02d154",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_530"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d154",NAME="
"tpcc-disk-
d03d154",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_531"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d154",NAME="
"tpcc-disk-
d04d154",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_532"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d154",NAME="
"tpcc-disk-
d05d154",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_533"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d106",NAME="
"tpcc-disk-
d05d106",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_53"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d154",NAME="
"tpcc-disk-
d06d154",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_534"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d154",NAME="
"tpcc-disk-
d07d154",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_535"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d101",NAME="
"tpcc-disk-
d07d101",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_5"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d154",NAME="
"tpcc-disk-
d08d154",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_536"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d154",NAME="
"tpcc-disk-
d09d154",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_537"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d154",NAME="
"tpcc-disk-
d10d154",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_538"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d155",NAME="
"tpcc-disk-
d01d155",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_539"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d155",NAME="
"tpcc-disk-
d02d155",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_540"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d155",NAME="
"tpcc-disk-
d03d155",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_541"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d155",NAME="
"tpcc-disk-
d04d155",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_542"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d155",NAME="
"tpcc-disk-
d05d155",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_543"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d106",NAME="
"tpcc-disk-
d06d106",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_54"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d155",NAME="
"tpcc-disk-
d06d155",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_544"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d155",NAME="
"tpcc-disk-
d07d155",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_545"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d155",NAME="
"tpcc-disk-
d08d155",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_546"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d155",NAME="
"tpcc-disk-
d09d155",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_547"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d155",NAME="
"tpcc-disk-
d10d155",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_548"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d156",NAME="
"tpcc-disk-
d01d156",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_549"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d156",NAME="
"tpcc-disk-
d02d156",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_550"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d156",NAME="
"tpcc-disk-
d03d156",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_551"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d156",NAME="
"tpcc-disk-
d04d156",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_552"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d156",NAME="
"tpcc-disk-
d05d156",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_553"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d106",NAME="
"tpcc-disk-
d07d106",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_55"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d156",NAME="
"tpcc-disk-
d06d156",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_554"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d156",NAME="
"tpcc-disk-
d07d156",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_555"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d156",NAME="
"tpcc-disk-
d08d156",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_556"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d156",NAME="
"tpcc-disk-
d09d156",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_557"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d156",NAME="
"tpcc-disk-
d10d156",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_558"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d157",NAME="
"tpcc-disk-
d01d157",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_559"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d106",NAME="
"tpcc-disk-
d08d106",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_56"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d106",NAME="
"tpcc-disk-
d09d106",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_57"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d106",NAME="
"tpcc-disk-
d10d106",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_58"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d107",NAME="
"tpcc-disk-
d01d107",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_59"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d107",NAME="
"tpcc-disk-
d02d107",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_60"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d107",NAME="
"tpcc-disk-
d03d107",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_61"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d107",NAME="
"tpcc-disk-
d04d107",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_62"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d107",NAME="
"tpcc-disk-
d05d107",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_63"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d101",NAME="
"tpcc-disk-
d08d101",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_6"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d107",NAME="
"tpcc-disk-
d06d107",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_64"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d107",NAME="
"tpcc-disk-
d07d107",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_65"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d107",NAME="
```

```
"tpcc-disk-
d08d107",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_66"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d107",NAME="
"tpcc-disk-
d09d107",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_67"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d107",NAME="
"tpcc-disk-
d10d107",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_68"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d108",NAME="
"tpcc-disk-
d01d108",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_69"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d108",NAME="
"tpcc-disk-
d02d108",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_70"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d108",NAME="
"tpcc-disk-
d03d108",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_71"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d108",NAME="
"tpcc-disk-
d04d108",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_72"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d108",NAME="
"tpcc-disk-
d05d108",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_73"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d101",NAME="
"tpcc-disk-
d09d101",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_7"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d108",NAME="
"tpcc-disk-
d06d108",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_74"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d108",NAME="
"tpcc-disk-
d07d108",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_75"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d108",NAME="
"tpcc-disk-
d08d108",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_76"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d108",NAME="
"tpcc-disk-
d09d108",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_77"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d108",NAME="
"tpcc-disk-
d10d108",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_78"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d109",NAME="
"tpcc-disk-
d01d109",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_79"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d109",NAME="
"tpcc-disk-
d02d109",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_80"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d109",NAME="
"tpcc-disk-
d03d109",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_81"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d109",NAME="
"tpcc-disk-
d04d109",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_82"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d109",NAME="
"tpcc-disk-
d05d109",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_83"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d101",NAME="
"tpcc-disk-
d10d101",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_8"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d109",NAME="
"tpcc-disk-
d06d109",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_84"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d109",NAME="
"tpcc-disk-
d07d109",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_85"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d109",NAME="
"tpcc-disk-
d08d109",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_86"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d109",NAME="
"tpcc-disk-
d09d109",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_87"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d109",NAME="
"tpcc-disk-
d10d109",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_88"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d110",NAME="
"tpcc-disk-
d01d110",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_89"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d110",NAME="
"tpcc-disk-
d02d110",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_90"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d110",NAME="
"tpcc-disk-
d03d110",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_91"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d110",NAME="
"tpcc-disk-
d04d110",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_92"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d110",NAME="
"tpcc-disk-
d05d110",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_93"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d102",NAME="
"tpcc-disk-
d01d102",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_9"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d110",NAME="
"tpcc-disk-
d06d110",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_94"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d110",NAME="
"tpcc-disk-
d07d110",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_95"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d110",NAME="
"tpcc-disk-
d08d110",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_96"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d110",NAME="
"tpcc-disk-
d09d110",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_97"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d110",NAME="
"tpcc-disk-
d10d110",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_98"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d111",NAME="
"tpcc-disk-
d01d111",GROUP:="dba",OWNER:="oracle",SYMLINK+="cust_0_99"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d157",NAME="
"tpcc-disk-
d02d157",GROUP:="dba",OWNER:="oracle",SYMLINK+="dist_0_0"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d157",NAME="
"tpcc-disk-
d03d157",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_0_0"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d158",NAME="
"tpcc-disk-
d01d158",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_0_1"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d158",NAME="
"tpcc-disk-
d02d158",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_0_2"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d158",NAME="
"tpcc-disk-
d03d158",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_0_3"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d158",NAME="
"tpcc-disk-
d04d158",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_0_4"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d158",NAME="
"tpcc-disk-
d05d158",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_0_5"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d158",NAME="
"tpcc-disk-
d06d158",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_0_6"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d158",NAME="
"tpcc-disk-
d07d158",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_0_7"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d158",NAME="
"tpcc-disk-
d08d158",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_0_8"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d158",NAME="
"tpcc-disk-
d09d158",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_0_9"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d157",NAME="
"tpcc-disk-
d04d157",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_1_0"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d158",NAME="
"tpcc-disk-
d10d158",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_1_1"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d159",NAME="
"tpcc-disk-
d01d159",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_1_2"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d159",NAME="
"tpcc-disk-
d02d159",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_1_3"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d159",NAME="
"tpcc-disk-
d03d159",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_1_4"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d159",NAME="
"tpcc-disk-
d04d159",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_1_5"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d159",NAME="
"tpcc-disk-
d05d159",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_1_6"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d159",NAME="
"tpcc-disk-
d06d159",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_1_7"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d159",NAME="
"tpcc-disk-
d07d159",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_1_8"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d159",NAME="
"tpcc-disk-
d08d159",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_1_9"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d157",NAME="
```

```
"tpcc-disk-
d05d157",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_2_0"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d159",NAME="
"tpcc-disk-
d09d159",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_2_1"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d159",NAME="
"tpcc-disk-
d10d159",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_2_2"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d160",NAME="
"tpcc-disk-
d01d160",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_2_3"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d160",NAME="
"tpcc-disk-
d02d160",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_2_4"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d160",NAME="
"tpcc-disk-
d03d160",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_2_5"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d160",NAME="
"tpcc-disk-
d04d160",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_2_6"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d160",NAME="
"tpcc-disk-
d05d160",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_2_7"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d160",NAME="
"tpcc-disk-
d06d160",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_2_8"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d160",NAME="
"tpcc-disk-
d07d160",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_2_9"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d157",NAME="
"tpcc-disk-
d06d157",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_3_0"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d160",NAME="
"tpcc-disk-
d08d160",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_3_1"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d160",NAME="
"tpcc-disk-
d09d160",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_3_2"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d160",NAME="
"tpcc-disk-
d10d160",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_3_3"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d161",NAME="
"tpcc-disk-
d01d161",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_3_4"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d161",NAME="
"tpcc-disk-
d02d161",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_3_5"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d161",NAME="
"tpcc-disk-
d03d161",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_3_6"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d161",NAME="
"tpcc-disk-
d04d161",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_3_7"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d161",NAME="
"tpcc-disk-
d05d161",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_3_8"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d161",NAME="
"tpcc-disk-
d06d161",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_3_9"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d157",NAME="
"tpcc-disk-
d07d157",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_4_0"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d161",NAME="
"tpcc-disk-
d07d161",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_4_1"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d161",NAME="
"tpcc-disk-
d08d161",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_4_2"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d161",NAME="
"tpcc-disk-
d09d161",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_4_3"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d161",NAME="
"tpcc-disk-
d10d161",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_4_4"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d162",NAME="
"tpcc-disk-
d01d162",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_4_5"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d162",NAME="
"tpcc-disk-
d02d162",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_4_6"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d162",NAME="
"tpcc-disk-
d03d162",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_4_7"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d162",NAME="
"tpcc-disk-
d04d162",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_4_8"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d162",NAME="
"tpcc-disk-
d05d162",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_4_9"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d157",NAME="
"tpcc-disk-
d08d157",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_5_0"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d162",NAME="
"tpcc-disk-
d06d162",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_5_1"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d162",NAME="
"tpcc-disk-
d07d162",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_5_2"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d162",NAME="
"tpcc-disk-
d08d162",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_5_3"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d162",NAME="
"tpcc-disk-
d09d162",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_5_4"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d162",NAME="
"tpcc-disk-
d10d162",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_5_5"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d163",NAME="
"tpcc-disk-
d01d163",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_5_6"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d163",NAME="
"tpcc-disk-
d02d163",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_5_7"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d163",NAME="
"tpcc-disk-
d03d163",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_5_8"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d163",NAME="
"tpcc-disk-
d04d163",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_5_9"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d157",NAME="
"tpcc-disk-
d09d157",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_6_0"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d163",NAME="
"tpcc-disk-
d05d163",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_6_1"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d163",NAME="
"tpcc-disk-
d06d163",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_6_2"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d163",NAME="
"tpcc-disk-
d07d163",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_6_3"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d163",NAME="
"tpcc-disk-
d08d163",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_6_4"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d163",NAME="
"tpcc-disk-
d09d163",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_6_5"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d163",NAME="
"tpcc-disk-
d10d163",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_6_6"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d164",NAME="
"tpcc-disk-
d01d164",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_6_7"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d164",NAME="
"tpcc-disk-
d02d164",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_6_8"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d164",NAME="
"tpcc-disk-
d03d164",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_6_9"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d157",NAME="
"tpcc-disk-
d10d157",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_7_0"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d164",NAME="
"tpcc-disk-
d04d164",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_7_1"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d164",NAME="
"tpcc-disk-
d05d164",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_7_2"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d164",NAME="
"tpcc-disk-
d06d164",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_7_3"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d164",NAME="
"tpcc-disk-
d07d164",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_7_4"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d164",NAME="
"tpcc-disk-
d08d164",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_7_5"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d164",NAME="
"tpcc-disk-
d09d164",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_7_6"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d164",NAME="
"tpcc-disk-
d10d164",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_7_7"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d165",NAME="
```

```
"tpcc-disk-
d01d165",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_7_8"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d165",NAME="
"tpcc-disk-
d02d165",GROUP:="dba",OWNER:="oracle",SYMLINK+="hist_7_9"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d261",NAME="
"tpcc-disk-
d05d261",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_0"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d262",NAME="
"tpcc-disk-
d05d262",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_10"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d262",NAME="
"tpcc-disk-
d06d262",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_11"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d262",NAME="
"tpcc-disk-
d07d262",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_12"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d262",NAME="
"tpcc-disk-
d08d262",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_13"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d261",NAME="
"tpcc-disk-
d06d261",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_1"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d262",NAME="
"tpcc-disk-
d09d262",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_14"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d262",NAME="
"tpcc-disk-
d10d262",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_15"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d263",NAME="
"tpcc-disk-
d01d263",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_16"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d263",NAME="
"tpcc-disk-
d02d263",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_17"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d263",NAME="
"tpcc-disk-
d03d263",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_18"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d263",NAME="
"tpcc-disk-
d04d263",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_19"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d263",NAME="
"tpcc-disk-
d05d263",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_20"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d263",NAME="
"tpcc-disk-
d06d263",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_21"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d263",NAME="
"tpcc-disk-
d07d263",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_22"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d263",NAME="
"tpcc-disk-
d08d263",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_23"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d261",NAME="
"tpcc-disk-
d07d261",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_2"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d263",NAME="
"tpcc-disk-
d09d263",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_24"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d263",NAME="
"tpcc-disk-
d10d263",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_25"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d264",NAME="
"tpcc-disk-
d01d264",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_26"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d264",NAME="
"tpcc-disk-
d02d264",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_27"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d264",NAME="
"tpcc-disk-
d03d264",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_28"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d264",NAME="
"tpcc-disk-
d04d264",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_29"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d264",NAME="
"tpcc-disk-
d05d264",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_30"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d264",NAME="
"tpcc-disk-
d06d264",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_31"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d264",NAME="
"tpcc-disk-
d07d264",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_32"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d264",NAME="
"tpcc-disk-
d08d264",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_33"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d261",NAME="
"tpcc-disk-
d08d261",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_3"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d264",NAME="
"tpcc-disk-
d09d264",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_34"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d264",NAME="
"tpcc-disk-
d10d264",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_35"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d265",NAME="
"tpcc-disk-
d01d265",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_36"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d265",NAME="
"tpcc-disk-
d02d265",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_37"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d265",NAME="
"tpcc-disk-
d03d265",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_38"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d265",NAME="
"tpcc-disk-
d04d265",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_39"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d261",NAME="
"tpcc-disk-
d09d261",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_4"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d261",NAME="
"tpcc-disk-
d10d261",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_5"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d262",NAME="
"tpcc-disk-
d01d262",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_6"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d262",NAME=
"tpcc-disk-
d02d262",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_7"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d262",NAME=
"tpcc-disk-
d03d262",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_8"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d262",NAME=
"tpcc-disk-
d04d262",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust1_0_9"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d265",NAME=
"tpcc-disk-
d05d265",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_0"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d266",NAME=
"tpcc-disk-
d05d266",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_10"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d266",NAME=
"tpcc-disk-
d06d266",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_11"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d266",NAME=
"tpcc-disk-
d07d266",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_12"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d266",NAME=
"tpcc-disk-
d08d266",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_13"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d265",NAME=
"tpcc-disk-
d06d265",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_1"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d266",NAME=
"tpcc-disk-
d09d266",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_14"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d266",NAME=
"tpcc-disk-
d10d266",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_15"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d267",NAME=
"tpcc-disk-
d01d267",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_16"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d267",NAME=
"tpcc-disk-
d02d267",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_17"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d267",NAME=
"tpcc-disk-
d03d267",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_18"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d267",NAME=
"tpcc-disk-
d04d267",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_19"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d267",NAME=
"tpcc-disk-
d05d267",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_20"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d267",NAME=
"tpcc-disk-
d06d267",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_21"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d267",NAME=
"tpcc-disk-
d07d267",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_22"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d267",NAME=
"tpcc-disk-
d08d267",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_23"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d265",NAME=
```

"tpcc-disk-
d07d265",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_2"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d267",NAME="
"tpcc-disk-
d09d267",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_24"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d267",NAME="
"tpcc-disk-
d10d267",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_25"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d268",NAME="
"tpcc-disk-
d01d268",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_26"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d268",NAME="
"tpcc-disk-
d02d268",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_27"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d268",NAME="
"tpcc-disk-
d03d268",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_28"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d268",NAME="
"tpcc-disk-
d04d268",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_29"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d268",NAME="
"tpcc-disk-
d05d268",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_30"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d268",NAME="
"tpcc-disk-
d06d268",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_31"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d268",NAME="
"tpcc-disk-
d07d268",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_32"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d268",NAME="
"tpcc-disk-
d08d268",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_33"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d265",NAME="
"tpcc-disk-
d08d265",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_3"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d268",NAME="
"tpcc-disk-
d09d268",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_34"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d268",NAME="
"tpcc-disk-
d10d268",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_35"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d269",NAME="
"tpcc-disk-
d01d269",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_36"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d269",NAME="
"tpcc-disk-
d02d269",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_37"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d269",NAME="
"tpcc-disk-
d03d269",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_38"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d269",NAME="
"tpcc-disk-
d04d269",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_39"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d265",NAME="
"tpcc-disk-
d09d265",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_4"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d265",NAME="
"tpcc-disk-
d10d265",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_5"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d266",NAME="
"tpcc-disk-
d01d266",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_6"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d266",NAME="
"tpcc-disk-
d02d266",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_7"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d266",NAME="
"tpcc-disk-
d03d266",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_8"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d266",NAME="
"tpcc-disk-
d04d266",GROUP:="dba",OWNER:="oracle",SYMLINK+="icust2_0_9"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d269",NAME="
"tpcc-disk-
d05d269",GROUP:="dba",OWNER:="oracle",SYMLINK+="idist_0_0"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d273",NAME="
"tpcc-disk-
d06d273",GROUP:="dba",OWNER:="oracle",SYMLINK+="iitem_0_0"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d273",NAME="
"tpcc-disk-
d07d273",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_0_0"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d275",NAME="
"tpcc-disk-
d03d275",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_0_1"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d275",NAME="
"tpcc-disk-
d04d275",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_0_2"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d275",NAME="
"tpcc-disk-
d05d275",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_0_3"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d275",NAME="
"tpcc-disk-
d06d275",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_0_4"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d274",NAME="
"tpcc-disk-
d07d274",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_10_0"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d279",NAME="
"tpcc-disk-
d03d279",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_10_1"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d279",NAME="
"tpcc-disk-
d04d279",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_10_2"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d279",NAME="
"tpcc-disk-
d05d279",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_10_3"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d273",NAME="
"tpcc-disk-
d08d273",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_1_0"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d279",NAME="
"tpcc-disk-
d06d279",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_10_4"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d274",NAME="
"tpcc-disk-
d08d274",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_11_0"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d279",NAME="
"tpcc-disk-
d07d279",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_11_1"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d279",NAME="
"tpcc-disk-
d08d279",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_11_2"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d279",NAME="
"tpcc-disk-
d09d279",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_11_3"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d275",NAME="
"tpcc-disk-
d07d275",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_1_1"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d279",NAME="
"tpcc-disk-
d10d279",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_11_4"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d274",NAME="
"tpcc-disk-
d09d274",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_12_0"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d280",NAME="
"tpcc-disk-
d01d280",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_12_1"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d280",NAME="
"tpcc-disk-
d02d280",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_12_2"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d280",NAME="
"tpcc-disk-
d03d280",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_12_3"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d275",NAME="
"tpcc-disk-
d08d275",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_1_2"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d280",NAME="
"tpcc-disk-
d04d280",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_12_4"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d274",NAME="
"tpcc-disk-
d10d274",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_13_0"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d280",NAME="
"tpcc-disk-
d05d280",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_13_1"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d280",NAME="
"tpcc-disk-
d06d280",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_13_2"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d280",NAME="
"tpcc-disk-
d07d280",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_13_3"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d275",NAME="
"tpcc-disk-
d09d275",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_1_3"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d280",NAME="
"tpcc-disk-
d08d280",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_13_4"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d275",NAME="
"tpcc-disk-
d01d275",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_14_0"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d280",NAME="
"tpcc-disk-
d09d280",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_14_1"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d280",NAME="
"tpcc-disk-
d10d280",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_14_2"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d281",NAME="

```
"tpcc-disk-
d01d281",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_14_3"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d275",NAME="
"tpcc-disk-
d10d275",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_1_4"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d281",NAME="
"tpcc-disk-
d02d281",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_14_4"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d275",NAME="
"tpcc-disk-
d02d275",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_15_0"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d281",NAME="
"tpcc-disk-
d03d281",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_15_1"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d281",NAME="
"tpcc-disk-
d04d281",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_15_2"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d281",NAME="
"tpcc-disk-
d05d281",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_15_3"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d281",NAME="
"tpcc-disk-
d06d281",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_15_4"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d273",NAME="
"tpcc-disk-
d09d273",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_2_0"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d276",NAME="
"tpcc-disk-
d01d276",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_2_1"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d276",NAME="
"tpcc-disk-
d02d276",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_2_2"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d276",NAME="
"tpcc-disk-
d03d276",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_2_3"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d276",NAME="
"tpcc-disk-
d04d276",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_2_4"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d273",NAME="
"tpcc-disk-
d10d273",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_3_0"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d276",NAME="
"tpcc-disk-
d05d276",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_3_1"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d276",NAME="
"tpcc-disk-
d06d276",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_3_2"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d276",NAME="
"tpcc-disk-
d07d276",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_3_3"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d276",NAME="
"tpcc-disk-
d08d276",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_3_4"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d274",NAME="
"tpcc-disk-
d01d274",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_4_0"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d276",NAME="
"tpcc-disk-
d09d276",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_4_1"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d276",NAME="
"tpcc-disk-
d10d276",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_4_2"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d277",NAME="
"tpcc-disk-
d01d277",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_4_3"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d277",NAME="
"tpcc-disk-
d02d277",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_4_4"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d274",NAME="
"tpcc-disk-
d02d274",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_5_0"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d277",NAME="
"tpcc-disk-
d03d277",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_5_1"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d277",NAME="
"tpcc-disk-
d04d277",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_5_2"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d277",NAME="
"tpcc-disk-
d05d277",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_5_3"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d277",NAME="
"tpcc-disk-
d06d277",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_5_4"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d274",NAME="
"tpcc-disk-
d03d274",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_6_0"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d277",NAME="
"tpcc-disk-
d07d277",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_6_1"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d277",NAME="
"tpcc-disk-
d08d277",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_6_2"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d277",NAME="
"tpcc-disk-
d09d277",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_6_3"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d277",NAME="
"tpcc-disk-
d10d277",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_6_4"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d274",NAME="
"tpcc-disk-
d04d274",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_7_0"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d278",NAME="
"tpcc-disk-
d01d278",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_7_1"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d278",NAME="
"tpcc-disk-
d02d278",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_7_2"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d278",NAME="
"tpcc-disk-
d03d278",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_7_3"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d278",NAME="
"tpcc-disk-
d04d278",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_7_4"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d274",NAME="
"tpcc-disk-
d05d274",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_8_0"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d278",NAME="
"tpcc-disk-
d05d278",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_8_1"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d278",NAME="
"tpcc-disk-
d06d278",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_8_2"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d278",NAME="
"tpcc-disk-
d07d278",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_8_3"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d278",NAME="
"tpcc-disk-
d08d278",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_8_4"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d274",NAME="
"tpcc-disk-
d06d274",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_9_0"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d278",NAME="
"tpcc-disk-
d09d278",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_9_1"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d278",NAME="
"tpcc-disk-
d10d278",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_9_2"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d279",NAME="
"tpcc-disk-
d01d279",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_9_3"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d279",NAME="
"tpcc-disk-
d02d279",GROUP:="dba",OWNER:="oracle",SYMLINK+="iordr2_9_4"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d269",NAME="
"tpcc-disk-
d06d269",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_0"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d270",NAME="
"tpcc-disk-
d06d270",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_10"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d270",NAME="
"tpcc-disk-
d07d270",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_11"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d270",NAME="
"tpcc-disk-
d08d270",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_12"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d270",NAME="
"tpcc-disk-
d09d270",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_13"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d269",NAME="
"tpcc-disk-
d07d269",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_1"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d270",NAME="
"tpcc-disk-
d10d270",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_14"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d271",NAME="
"tpcc-disk-
d01d271",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_15"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d271",NAME="
"tpcc-disk-
d02d271",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_16"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d271",NAME="
"tpcc-disk-
d03d271",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_17"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d271",NAME="
```

```
"tpcc-disk-
d04d271",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_18"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d271",NAME=
"tpcc-disk-
d05d271",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_19"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d271",NAME=
"tpcc-disk-
d06d271",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_20"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d271",NAME=
"tpcc-disk-
d07d271",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_21"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d271",NAME=
"tpcc-disk-
d08d271",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_22"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d271",NAME=
"tpcc-disk-
d09d271",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_23"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d269",NAME=
"tpcc-disk-
d08d269",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_2"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d271",NAME=
"tpcc-disk-
d10d271",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_24"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d272",NAME=
"tpcc-disk-
d01d272",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_25"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d272",NAME=
"tpcc-disk-
d02d272",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_26"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d272",NAME=
"tpcc-disk-
d03d272",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_27"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d272",NAME=
"tpcc-disk-
d04d272",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_28"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d272",NAME=
"tpcc-disk-
d05d272",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_29"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d272",NAME=
"tpcc-disk-
d06d272",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_30"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d272",NAME=
"tpcc-disk-
d07d272",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_31"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d272",NAME=
"tpcc-disk-
d08d272",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_32"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d272",NAME=
"tpcc-disk-
d09d272",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_33"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d269",NAME=
"tpcc-disk-
d09d269",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_3"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d272",NAME=
"tpcc-disk-
d10d272",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_34"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d273",NAME=
"tpcc-disk-
d01d273",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_35"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d273",NAME=
"tpcc-disk-
d02d273",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_36"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d273",NAME=
"tpcc-disk-
d03d273",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_37"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d273",NAME=
"tpcc-disk-
d04d273",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_38"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d273",NAME=
"tpcc-disk-
d05d273",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_39"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d269",NAME=
"tpcc-disk-
d10d269",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_4"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d270",NAME=
"tpcc-disk-
d01d270",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_5"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d270",NAME=
"tpcc-disk-
d02d270",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_6"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d270",NAME=
"tpcc-disk-
d03d270",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_7"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d270",NAME=
"tpcc-disk-
d04d270",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_8"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d270",NAME=
"tpcc-disk-
d05d270",GROUP:="dba",OWNER:="oracle",SYMLINK+="istok_0_9"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d237",NAME=
"tpcc-disk-
d03d237",GROUP:="dba",OWNER:="oracle",SYMLINK+="item_0_0"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d261",NAME=
"tpcc-disk-
d04d261",GROUP:="dba",OWNER:="oracle",SYMLINK+="iware_0_0"
BUS=="scsi",RESULT=="3600144f0a3770e00000000000a01d300",NAME=
"tpcc-disk-
a01d300",GROUP:="dba",OWNER:="oracle",SYMLINK+="log_0_0"
BUS=="scsi",RESULT=="3600144f0a3770e00000000000a01d303",NAME=
"tpcc-disk-
a01d303",GROUP:="dba",OWNER:="oracle",SYMLINK+="log_0_3"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d300",NAME=
"tpcc-disk-
a02d300",GROUP:="dba",OWNER:="oracle",SYMLINK+="log_1_0"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d400",NAME=
"tpcc-disk-
a02d400",GROUP:="dba",OWNER:="oracle",SYMLINK+="log_1_1"
BUS=="scsi",RESULT=="3600144f0a3770e00000000000a01d400",NAME=
"tpcc-disk-
a01d400",GROUP:="dba",OWNER:="oracle",SYMLINK+="log_1_2"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d303",NAME=
"tpcc-disk-
a02d303",GROUP:="dba",OWNER:="oracle",SYMLINK+="log_1_3"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d257",NAME=
"tpcc-disk-
d04d257",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_0"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d258",NAME=
"tpcc-disk-
d04d258",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_10"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d258",NAME=
"tpcc-disk-
d05d258",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_11"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d258",NAME=
"tpcc-disk-
d06d258",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_12"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d258",NAME=
"tpcc-disk-
d07d258",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_13"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d257",NAME=
"tpcc-disk-
d05d257",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_1"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d258",NAME=
"tpcc-disk-
d08d258",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_14"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d258",NAME=
"tpcc-disk-
d09d258",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_15"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d258",NAME=
"tpcc-disk-
d10d258",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_16"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d259",NAME=
"tpcc-disk-
d01d259",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_17"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d259",NAME=
"tpcc-disk-
d02d259",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_18"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d259",NAME=
"tpcc-disk-
d03d259",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_19"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d259",NAME=
"tpcc-disk-
d04d259",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_20"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d259",NAME=
"tpcc-disk-
d05d259",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_21"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d259",NAME=
"tpcc-disk-
d06d259",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_22"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d259",NAME=
"tpcc-disk-
d07d259",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_23"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d257",NAME=
"tpcc-disk-
d06d257",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_2"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d259",NAME=
"tpcc-disk-
d08d259",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_24"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d259",NAME=
"tpcc-disk-
d09d259",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_25"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d259",NAME=
"tpcc-disk-
d10d259",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_26"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d260",NAME=
```

```
"tpcc-disk-
d01d260",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_27"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d260",NAME="
"tpcc-disk-
d02d260",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_28"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d260",NAME="
"tpcc-disk-
d03d260",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_29"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d260",NAME="
"tpcc-disk-
d04d260",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_30"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d260",NAME="
"tpcc-disk-
d05d260",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_31"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d260",NAME="
"tpcc-disk-
d06d260",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_32"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d260",NAME="
"tpcc-disk-
d07d260",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_33"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d257",NAME="
"tpcc-disk-
d07d257",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_3"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d260",NAME="
"tpcc-disk-
d08d260",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_34"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d260",NAME="
"tpcc-disk-
d09d260",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_35"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d260",NAME="
"tpcc-disk-
d10d260",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_36"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d261",NAME="
"tpcc-disk-
d01d261",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_37"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d261",NAME="
"tpcc-disk-
d02d261",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_38"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d261",NAME="
"tpcc-disk-
d03d261",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_39"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d257",NAME="
"tpcc-disk-
d08d257",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_4"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d257",NAME="
"tpcc-disk-
d09d257",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_5"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d257",NAME="
"tpcc-disk-
d10d257",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_6"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d258",NAME="
"tpcc-disk-
d01d258",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_7"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d258",NAME="
"tpcc-disk-
d02d258",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_8"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d258",NAME="
"tpcc-disk-
d03d258",GROUP:="dba",OWNER:="oracle",SYMLINK+="nord_0_9"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d237",NAME="
"tpcc-disk-
d04d237",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_0"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d247",NAME="
"tpcc-disk-
d04d247",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_100"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d247",NAME="
"tpcc-disk-
d05d247",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_101"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d247",NAME="
"tpcc-disk-
d06d247",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_102"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d247",NAME="
"tpcc-disk-
d07d247",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_103"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d238",NAME="
"tpcc-disk-
d04d238",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_10"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d247",NAME="
"tpcc-disk-
d08d247",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_104"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d247",NAME="
"tpcc-disk-
d09d247",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_105"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d247",NAME="
"tpcc-disk-
d10d247",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_106"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d248",NAME="
"tpcc-disk-
d01d248",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_107"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d248",NAME="
"tpcc-disk-
d02d248",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_108"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d248",NAME="
"tpcc-disk-
d03d248",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_109"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d248",NAME="
"tpcc-disk-
d04d248",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_110"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d248",NAME="
"tpcc-disk-
d05d248",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_111"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d248",NAME="
"tpcc-disk-
d06d248",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_112"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d248",NAME="
"tpcc-disk-
d07d248",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_113"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d238",NAME="
"tpcc-disk-
d05d238",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_11"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d248",NAME="
"tpcc-disk-
d08d248",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_114"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d248",NAME="
"tpcc-disk-
d09d248",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_115"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d248",NAME="
"tpcc-disk-
d10d248",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_116"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d249",NAME="
"tpcc-disk-
d01d249",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_117"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d249",NAME="
"tpcc-disk-
d02d249",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_118"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d249",NAME="
"tpcc-disk-
d03d249",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_119"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d249",NAME="
"tpcc-disk-
d04d249",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_120"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d249",NAME="
"tpcc-disk-
d05d249",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_121"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d249",NAME="
"tpcc-disk-
d06d249",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_122"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d249",NAME="
"tpcc-disk-
d07d249",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_123"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d238",NAME="
"tpcc-disk-
d06d238",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_12"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d249",NAME="
"tpcc-disk-
d08d249",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_124"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d249",NAME="
"tpcc-disk-
d09d249",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_125"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d249",NAME="
"tpcc-disk-
d10d249",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_126"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d250",NAME="
"tpcc-disk-
d01d250",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_127"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d250",NAME="
"tpcc-disk-
d02d250",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_128"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d250",NAME="
"tpcc-disk-
d03d250",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_129"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d250",NAME="
"tpcc-disk-
d04d250",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_130"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d250",NAME="
"tpcc-disk-
d05d250",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_131"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d250",NAME="
"tpcc-disk-
d06d250",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_132"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d250",NAME="
"tpcc-disk-
d07d250",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_133"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d238",NAME="
```

```
"tpcc-disk-
d07d238",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_13"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d250",NAME=
"tpcc-disk-
d08d250",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_134"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d250",NAME=
"tpcc-disk-
d09d250",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_135"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d237",NAME=
"tpcc-disk-
d05d237",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_1"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d250",NAME=
"tpcc-disk-
d10d250",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_136"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d251",NAME=
"tpcc-disk-
d01d251",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_137"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d251",NAME=
"tpcc-disk-
d02d251",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_138"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d251",NAME=
"tpcc-disk-
d03d251",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_139"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d251",NAME=
"tpcc-disk-
d04d251",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_140"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d251",NAME=
"tpcc-disk-
d05d251",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_141"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d251",NAME=
"tpcc-disk-
d06d251",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_142"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d251",NAME=
"tpcc-disk-
d07d251",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_143"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d238",NAME=
"tpcc-disk-
d08d238",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_14"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d251",NAME=
"tpcc-disk-
d08d251",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_144"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d251",NAME=
"tpcc-disk-
d09d251",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_145"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d251",NAME=
"tpcc-disk-
d10d251",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_146"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d252",NAME=
"tpcc-disk-
d01d252",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_147"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d252",NAME=
"tpcc-disk-
d02d252",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_148"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d252",NAME=
"tpcc-disk-
d03d252",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_149"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d252",NAME=
"tpcc-disk-
d04d252",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_150"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d252",NAME=
"tpcc-disk-
d05d252",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_151"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d252",NAME=
"tpcc-disk-
d06d252",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_152"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d252",NAME=
"tpcc-disk-
d07d252",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_153"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d238",NAME=
"tpcc-disk-
d09d238",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_15"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d252",NAME=
"tpcc-disk-
d08d252",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_154"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d252",NAME=
"tpcc-disk-
d09d252",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_155"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d252",NAME=
"tpcc-disk-
d10d252",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_156"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d253",NAME=
"tpcc-disk-
d01d253",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_157"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d253",NAME=
"tpcc-disk-
d02d253",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_158"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d253",NAME=
"tpcc-disk-
d03d253",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_159"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d253",NAME=
"tpcc-disk-
d04d253",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_160"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d253",NAME=
"tpcc-disk-
d05d253",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_161"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d253",NAME=
"tpcc-disk-
d06d253",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_162"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d253",NAME=
"tpcc-disk-
d07d253",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_163"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d238",NAME=
"tpcc-disk-
d10d238",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_16"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d253",NAME=
"tpcc-disk-
d08d253",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_164"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d253",NAME=
"tpcc-disk-
d09d253",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_165"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d253",NAME=
"tpcc-disk-
d10d253",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_166"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d254",NAME=
"tpcc-disk-
d01d254",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_167"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d254",NAME=
"tpcc-disk-
d02d254",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_168"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d254",NAME=
"tpcc-disk-
d03d254",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_169"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d254",NAME=
"tpcc-disk-
d04d254",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_170"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d254",NAME=
"tpcc-disk-
d05d254",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_171"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d254",NAME=
"tpcc-disk-
d06d254",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_172"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d254",NAME=
"tpcc-disk-
d07d254",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_173"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d239",NAME=
"tpcc-disk-
d01d239",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_17"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d254",NAME=
"tpcc-disk-
d08d254",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_174"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d254",NAME=
"tpcc-disk-
d09d254",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_175"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d254",NAME=
"tpcc-disk-
d10d254",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_176"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d255",NAME=
"tpcc-disk-
d01d255",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_177"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d255",NAME=
"tpcc-disk-
d02d255",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_178"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d255",NAME=
"tpcc-disk-
d03d255",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_179"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d255",NAME=
"tpcc-disk-
d04d255",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_180"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d255",NAME=
"tpcc-disk-
d05d255",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_181"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d255",NAME=
"tpcc-disk-
d06d255",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_182"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d255",NAME=
"tpcc-disk-
d07d255",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_183"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d239",NAME=
"tpcc-disk-
d02d239",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_18"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d255",NAME=
"tpcc-disk-
d08d255",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_184"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d255",NAME=
```

```
"tpcc-disk-
d09d255",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_185"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d255",NAME="tpcc-disk-
d10d255",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_186"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d256",NAME="tpcc-disk-
d01d256",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_187"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d256",NAME="tpcc-disk-
d03d256",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_188"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d256",NAME="tpcc-disk-
d02d256",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_189"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d256",NAME="tpcc-disk-
d04d256",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_190"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d256",NAME="tpcc-disk-
d05d256",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_191"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d256",NAME="tpcc-disk-
d06d256",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_192"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d256",NAME="tpcc-disk-
d07d256",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_193"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d239",NAME="tpcc-disk-
d03d239",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_19"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d256",NAME="tpcc-disk-
d08d256",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_194"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d256",NAME="tpcc-disk-
d09d256",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_195"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d256",NAME="tpcc-disk-
d10d256",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_196"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d257",NAME="tpcc-disk-
d01d257",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_197"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d257",NAME="tpcc-disk-
d02d257",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_198"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d257",NAME="tpcc-disk-
d03d257",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_199"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d239",NAME="tpcc-disk-
d04d239",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_20"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d239",NAME="tpcc-disk-
d05d239",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_21"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d239",NAME="tpcc-disk-
d06d239",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_22"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d239",NAME="tpcc-disk-
d07d239",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_23"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d237",NAME="tpcc-disk-
d06d237",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_2"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d239",NAME="tpcc-disk-
d08d239",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_24"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d239",NAME="tpcc-disk-
d09d239",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_25"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d239",NAME="tpcc-disk-
d10d239",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_26"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d240",NAME="tpcc-disk-
d01d240",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_27"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d240",NAME="tpcc-disk-
d02d240",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_28"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d240",NAME="tpcc-disk-
d03d240",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_29"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d240",NAME="tpcc-disk-
d04d240",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_30"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d240",NAME="tpcc-disk-
d05d240",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_31"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d240",NAME="tpcc-disk-
d06d240",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_32"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d240",NAME="tpcc-disk-
d07d240",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_33"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d237",NAME="tpcc-disk-
d07d237",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_3"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d240",NAME="tpcc-disk-
d08d240",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_34"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d240",NAME="tpcc-disk-
d09d240",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_35"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d240",NAME="tpcc-disk-
d10d240",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_36"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d241",NAME="tpcc-disk-
d01d241",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_37"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d241",NAME="tpcc-disk-
d02d241",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_38"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d241",NAME="tpcc-disk-
d03d241",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_39"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d241",NAME="tpcc-disk-
d04d241",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_40"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d241",NAME="tpcc-disk-
d05d241",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_41"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d241",NAME="tpcc-disk-
d06d241",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_42"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d241",NAME="tpcc-disk-
d07d241",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_43"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d237",NAME="tpcc-disk-
d08d237",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_4"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d241",NAME="tpcc-disk-
d08d241",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_44"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d241",NAME="tpcc-disk-
d09d241",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_45"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d241",NAME="tpcc-disk-
d10d241",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_46"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d242",NAME="tpcc-disk-
d01d242",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_47"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d242",NAME="tpcc-disk-
d02d242",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_48"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d242",NAME="tpcc-disk-
d03d242",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_49"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d242",NAME="tpcc-disk-
d04d242",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_50"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d242",NAME="tpcc-disk-
d05d242",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_51"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d242",NAME="tpcc-disk-
d06d242",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_52"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d242",NAME="tpcc-disk-
d07d242",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_53"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d237",NAME="tpcc-disk-
d09d237",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_5"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d242",NAME="tpcc-disk-
d08d242",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_54"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d242",NAME="tpcc-disk-
d09d242",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_55"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d242",NAME="tpcc-disk-
d10d242",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_56"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d243",NAME="tpcc-disk-
d01d243",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_57"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d243",NAME="tpcc-disk-
```

"tpcc-disk-
d02d243",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_58"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d243",NAME="
"tpcc-disk-
d03d243",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_59"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d243",NAME="
"tpcc-disk-
d04d243",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_60"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d243",NAME="
"tpcc-disk-
d05d243",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_61"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d243",NAME="
"tpcc-disk-
d06d243",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_62"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d243",NAME="
"tpcc-disk-
d07d243",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_63"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d237",NAME="
"tpcc-disk-
d10d237",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_6"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d243",NAME="
"tpcc-disk-
d08d243",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_64"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d243",NAME="
"tpcc-disk-
d09d243",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_65"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d243",NAME="
"tpcc-disk-
d10d243",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_66"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d244",NAME="
"tpcc-disk-
d01d244",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_67"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d244",NAME="
"tpcc-disk-
d02d244",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_68"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d244",NAME="
"tpcc-disk-
d03d244",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_69"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d244",NAME="
"tpcc-disk-
d04d244",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_70"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d244",NAME="
"tpcc-disk-
d05d244",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_71"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d244",NAME="
"tpcc-disk-
d06d244",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_72"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d244",NAME="
"tpcc-disk-
d07d244",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_73"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d238",NAME="
"tpcc-disk-
d01d238",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_7"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d244",NAME="
"tpcc-disk-
d08d244",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_74"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d244",NAME="
"tpcc-disk-
d09d244",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_75"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d244",NAME="
"tpcc-disk-
d10d244",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_76"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d245",NAME="
"tpcc-disk-
d01d245",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_77"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d245",NAME="
"tpcc-disk-
d02d245",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_78"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d245",NAME="
"tpcc-disk-
d03d245",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_79"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d245",NAME="
"tpcc-disk-
d04d245",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_80"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d245",NAME="
"tpcc-disk-
d05d245",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_81"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d245",NAME="
"tpcc-disk-
d06d245",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_82"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d245",NAME="
"tpcc-disk-
d07d245",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_83"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d238",NAME="
"tpcc-disk-
d02d238",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_8"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d245",NAME="
"tpcc-disk-
d08d245",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_84"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d245",NAME="
"tpcc-disk-
d09d245",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_85"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d245",NAME="
"tpcc-disk-
d10d245",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_86"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d246",NAME="
"tpcc-disk-
d01d246",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_87"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d246",NAME="
"tpcc-disk-
d02d246",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_88"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d246",NAME="
"tpcc-disk-
d03d246",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_89"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d246",NAME="
"tpcc-disk-
d04d246",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_90"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d246",NAME="
"tpcc-disk-
d05d246",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_91"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d246",NAME="
"tpcc-disk-
d06d246",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_92"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d246",NAME="
"tpcc-disk-
d07d246",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_93"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d238",NAME=
"tpcc-disk-
d03d238",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_9"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d246",NAME=
"tpcc-disk-
d08d246",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_94"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d246",NAME=
"tpcc-disk-
d09d246",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_95"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d246",NAME=
"tpcc-disk-
d10d246",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_96"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d247",NAME=
"tpcc-disk-
d01d247",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_97"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d247",NAME=
"tpcc-disk-
d02d247",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_98"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d247",NAME=
"tpcc-disk-
d03d247",GROUP:="dba",OWNER:="oracle",SYMLINK+="ordr_0_99"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d282",NAME=
"tpcc-disk-
d02d282",GROUP:="dba",OWNER:="oracle",SYMLINK+="roll1"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d281",NAME=
"tpcc-disk-
d10d281",GROUP:="dba",OWNER:="oracle",SYMLINK+="sp_0"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d165",NAME=
"tpcc-disk-
d03d165",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_0"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d175",NAME=
"tpcc-disk-
d03d175",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_100"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d175",NAME=
"tpcc-disk-
d04d175",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_101"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d175",NAME=
"tpcc-disk-
d05d175",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_102"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d175",NAME=
"tpcc-disk-
d06d175",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_103"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d166",NAME=
"tpcc-disk-
d03d166",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_10"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d175",NAME=
"tpcc-disk-
d07d175",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_104"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d175",NAME=
"tpcc-disk-
d08d175",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_105"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d175",NAME=
"tpcc-disk-
d09d175",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_106"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d175",NAME=
"tpcc-disk-
d10d175",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_107"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d176",NAME=

```
"tpcc-disk-
d01d176",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_108"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d176",NAME="
"tpcc-disk-
d02d176",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_109"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d176",NAME="
"tpcc-disk-
d03d176",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_110"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d176",NAME="
"tpcc-disk-
d04d176",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_111"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d176",NAME="
"tpcc-disk-
d05d176",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_112"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d176",NAME="
"tpcc-disk-
d06d176",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_113"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d166",NAME="
"tpcc-disk-
d04d166",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_11"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d176",NAME="
"tpcc-disk-
d07d176",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_114"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d176",NAME="
"tpcc-disk-
d08d176",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_115"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d176",NAME="
"tpcc-disk-
d09d176",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_116"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d176",NAME="
"tpcc-disk-
d10d176",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_117"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d177",NAME="
"tpcc-disk-
d01d177",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_118"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d177",NAME="
"tpcc-disk-
d02d177",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_119"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d177",NAME="
"tpcc-disk-
d03d177",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_120"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d177",NAME="
"tpcc-disk-
d04d177",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_121"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d177",NAME="
"tpcc-disk-
d05d177",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_122"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d177",NAME="
"tpcc-disk-
d06d177",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_123"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d166",NAME="
"tpcc-disk-
d05d166",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_12"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d177",NAME="
"tpcc-disk-
d07d177",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_124"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d177",NAME="
"tpcc-disk-
d08d177",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_125"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d177",NAME="
"tpcc-disk-
d09d177",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_126"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d177",NAME="
"tpcc-disk-
d10d177",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_127"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d178",NAME="
"tpcc-disk-
d01d178",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_128"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d178",NAME="
"tpcc-disk-
d02d178",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_129"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d178",NAME="
"tpcc-disk-
d03d178",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_130"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d178",NAME="
"tpcc-disk-
d04d178",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_131"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d178",NAME="
"tpcc-disk-
d05d178",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_132"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d178",NAME="
"tpcc-disk-
d06d178",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_133"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d166",NAME="
"tpcc-disk-
d06d166",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_13"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d178",NAME="
"tpcc-disk-
d07d178",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_134"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d178",NAME="
"tpcc-disk-
d08d178",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_135"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d165",NAME="
"tpcc-disk-
d04d165",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_1"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d178",NAME="
"tpcc-disk-
d09d178",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_136"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d178",NAME="
"tpcc-disk-
d10d178",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_137"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d179",NAME="
"tpcc-disk-
d01d179",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_138"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d179",NAME="
"tpcc-disk-
d02d179",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_139"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d179",NAME="
"tpcc-disk-
d03d179",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_140"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d179",NAME="
"tpcc-disk-
d04d179",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_141"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d179",NAME="
"tpcc-disk-
d05d179",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_142"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d179",NAME="
"tpcc-disk-
d06d179",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_143"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d166",NAME="
"tpcc-disk-
d07d166",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_14"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d179",NAME="
"tpcc-disk-
d07d179",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_144"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d179",NAME="
"tpcc-disk-
d08d179",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_145"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d179",NAME="
"tpcc-disk-
d09d179",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_146"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d179",NAME="
"tpcc-disk-
d10d179",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_147"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d180",NAME="
"tpcc-disk-
d01d180",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_148"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d180",NAME="
"tpcc-disk-
d02d180",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_149"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d180",NAME="
"tpcc-disk-
d03d180",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_150"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d180",NAME="
"tpcc-disk-
d04d180",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_151"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d180",NAME="
"tpcc-disk-
d05d180",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_152"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d180",NAME="
"tpcc-disk-
d06d180",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_153"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d166",NAME="
"tpcc-disk-
d08d166",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_15"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d180",NAME="
"tpcc-disk-
d07d180",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_154"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d180",NAME="
"tpcc-disk-
d08d180",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_155"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d180",NAME="
"tpcc-disk-
d09d180",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_156"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d180",NAME="
"tpcc-disk-
d10d180",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_157"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d181",NAME="
"tpcc-disk-
d01d181",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_158"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d181",NAME="
"tpcc-disk-
d02d181",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_159"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d181",NAME="
```

```
"tpcc-disk-
d03d181",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_160"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d181",NAME="
"tpcc-disk-
d04d181",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_161"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d181",NAME="
"tpcc-disk-
d05d181",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_162"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d181",NAME="
"tpcc-disk-
d06d181",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_163"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d166",NAME="
"tpcc-disk-
d09d166",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_16"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d181",NAME="
"tpcc-disk-
d07d181",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_164"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d181",NAME="
"tpcc-disk-
d08d181",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_165"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d181",NAME="
"tpcc-disk-
d09d181",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_166"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d181",NAME="
"tpcc-disk-
d10d181",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_167"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d182",NAME="
"tpcc-disk-
d01d182",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_168"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d182",NAME="
"tpcc-disk-
d02d182",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_169"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d182",NAME="
"tpcc-disk-
d03d182",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_170"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d182",NAME="
"tpcc-disk-
d04d182",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_171"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d182",NAME="
"tpcc-disk-
d05d182",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_172"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d182",NAME="
"tpcc-disk-
d06d182",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_173"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d166",NAME="
"tpcc-disk-
d10d166",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_17"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d182",NAME="
"tpcc-disk-
d07d182",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_174"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d182",NAME="
"tpcc-disk-
d08d182",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_175"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d182",NAME="
"tpcc-disk-
d09d182",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_176"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d182",NAME="
"tpcc-disk-
d10d182",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_177"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d183",NAME="
"tpcc-disk-
d01d183",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_178"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d183",NAME="
"tpcc-disk-
d02d183",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_179"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d183",NAME="
"tpcc-disk-
d03d183",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_180"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d183",NAME="
"tpcc-disk-
d04d183",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_181"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d183",NAME="
"tpcc-disk-
d05d183",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_182"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d183",NAME="
"tpcc-disk-
d06d183",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_183"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d167",NAME="
"tpcc-disk-
d01d167",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_18"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d183",NAME="
"tpcc-disk-
d07d183",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_184"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d183",NAME="
"tpcc-disk-
d08d183",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_185"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d183",NAME="
"tpcc-disk-
d09d183",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_186"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d183",NAME="
"tpcc-disk-
d10d183",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_187"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d184",NAME="
"tpcc-disk-
d01d184",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_188"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d184",NAME="
"tpcc-disk-
d02d184",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_189"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d184",NAME="
"tpcc-disk-
d03d184",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_190"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d184",NAME="
"tpcc-disk-
d04d184",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_191"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d184",NAME="
"tpcc-disk-
d05d184",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_192"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d184",NAME="
"tpcc-disk-
d06d184",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_193"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d167",NAME="
"tpcc-disk-
d02d167",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_19"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d184",NAME="
"tpcc-disk-
d07d184",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_194"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d184",NAME="
"tpcc-disk-
d08d184",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_195"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d184",NAME="
"tpcc-disk-
d09d184",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_196"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d184",NAME="
"tpcc-disk-
d10d184",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_197"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d185",NAME="
"tpcc-disk-
d01d185",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_198"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d185",NAME="
"tpcc-disk-
d02d185",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_199"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d185",NAME="
"tpcc-disk-
d03d185",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_200"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d185",NAME="
"tpcc-disk-
d04d185",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_201"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d185",NAME="
"tpcc-disk-
d05d185",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_202"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d185",NAME="
"tpcc-disk-
d06d185",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_203"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d167",NAME="
"tpcc-disk-
d03d167",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_20"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d185",NAME="
"tpcc-disk-
d07d185",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_204"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d185",NAME="
"tpcc-disk-
d08d185",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_205"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d185",NAME="
"tpcc-disk-
d09d185",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_206"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d185",NAME="
"tpcc-disk-
d10d185",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_207"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d186",NAME="
"tpcc-disk-
d01d186",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_208"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d186",NAME="
"tpcc-disk-
d02d186",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_209"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d186",NAME="
"tpcc-disk-
d03d186",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_210"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d186",NAME="
"tpcc-disk-
d04d186",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_211"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d186",NAME="
"tpcc-disk-
d05d186",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_212"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d186",NAME="
```

```
"tpcc-disk-
d06d186",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_213"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d167",NAME="
"tpcc-disk-
d04d167",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_21"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d186",NAME="
"tpcc-disk-
d07d186",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_214"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d186",NAME="
"tpcc-disk-
d08d186",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_215"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d186",NAME="
"tpcc-disk-
d09d186",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_216"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d186",NAME="
"tpcc-disk-
d10d186",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_217"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d187",NAME="
"tpcc-disk-
d01d187",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_218"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d187",NAME="
"tpcc-disk-
d02d187",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_219"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d187",NAME="
"tpcc-disk-
d03d187",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_220"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d187",NAME="
"tpcc-disk-
d04d187",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_221"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d187",NAME="
"tpcc-disk-
d05d187",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_222"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d187",NAME="
"tpcc-disk-
d06d187",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_223"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d167",NAME="
"tpcc-disk-
d05d167",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_22"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d187",NAME="
"tpcc-disk-
d07d187",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_224"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d187",NAME="
"tpcc-disk-
d08d187",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_225"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d187",NAME="
"tpcc-disk-
d09d187",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_226"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d187",NAME="
"tpcc-disk-
d10d187",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_227"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d188",NAME="
"tpcc-disk-
d01d188",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_228"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d188",NAME="
"tpcc-disk-
d02d188",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_229"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d188",NAME="
"tpcc-disk-
d03d188",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_230"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d188",NAME="
"tpcc-disk-
d04d188",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_231"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d188",NAME="
"tpcc-disk-
d05d188",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_232"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d188",NAME="
"tpcc-disk-
d06d188",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_233"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d167",NAME="
"tpcc-disk-
d06d167",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_23"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d188",NAME="
"tpcc-disk-
d07d188",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_234"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d188",NAME="
"tpcc-disk-
d08d188",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_235"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d165",NAME="
"tpcc-disk-
d05d165",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_2"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d188",NAME="
"tpcc-disk-
d09d188",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_236"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d188",NAME="
"tpcc-disk-
d10d188",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_237"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d189",NAME="
"tpcc-disk-
d01d189",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_238"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d189",NAME="
"tpcc-disk-
d02d189",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_239"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d189",NAME="
"tpcc-disk-
d03d189",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_240"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d189",NAME="
"tpcc-disk-
d04d189",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_241"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d189",NAME="
"tpcc-disk-
d05d189",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_242"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d189",NAME="
"tpcc-disk-
d06d189",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_243"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d167",NAME="
"tpcc-disk-
d07d167",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_24"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d189",NAME="
"tpcc-disk-
d07d189",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_244"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d189",NAME="
"tpcc-disk-
d08d189",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_245"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d189",NAME="
"tpcc-disk-
d09d189",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_246"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d189",NAME="
"tpcc-disk-
d10d189",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_247"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d190",NAME="
"tpcc-disk-
d01d190",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_248"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d190",NAME="
"tpcc-disk-
d02d190",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_249"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d190",NAME="
"tpcc-disk-
d03d190",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_250"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d190",NAME="
"tpcc-disk-
d04d190",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_251"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d190",NAME="
"tpcc-disk-
d05d190",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_252"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d190",NAME="
"tpcc-disk-
d06d190",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_253"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d167",NAME="
"tpcc-disk-
d08d167",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_25"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d190",NAME="
"tpcc-disk-
d07d190",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_254"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d190",NAME="
"tpcc-disk-
d08d190",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_255"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d190",NAME="
"tpcc-disk-
d09d190",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_256"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d190",NAME="
"tpcc-disk-
d10d190",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_257"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d191",NAME="
"tpcc-disk-
d01d191",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_258"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d191",NAME="
"tpcc-disk-
d02d191",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_259"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d191",NAME="
"tpcc-disk-
d03d191",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_260"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d191",NAME="
"tpcc-disk-
d04d191",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_261"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d191",NAME="
"tpcc-disk-
d05d191",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_262"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d191",NAME="
"tpcc-disk-
d06d191",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_263"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d167",NAME="
"tpcc-disk-
d09d167",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_26"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d191",NAME="
```

```
"tpcc-disk-
d07d191",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_264"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d191",NAME=
"tpcc-disk-
d08d191",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_265"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d191",NAME=
"tpcc-disk-
d09d191",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_266"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d191",NAME=
"tpcc-disk-
d10d191",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_267"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d192",NAME=
"tpcc-disk-
d01d192",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_268"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d192",NAME=
"tpcc-disk-
d02d192",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_269"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d192",NAME=
"tpcc-disk-
d03d192",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_270"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d192",NAME=
"tpcc-disk-
d04d192",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_271"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d192",NAME=
"tpcc-disk-
d05d192",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_272"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d192",NAME=
"tpcc-disk-
d06d192",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_273"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d167",NAME=
"tpcc-disk-
d10d167",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_27"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d192",NAME=
"tpcc-disk-
d07d192",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_274"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d192",NAME=
"tpcc-disk-
d08d192",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_275"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d192",NAME=
"tpcc-disk-
d09d192",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_276"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d192",NAME=
"tpcc-disk-
d10d192",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_277"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d193",NAME=
"tpcc-disk-
d01d193",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_278"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d193",NAME=
"tpcc-disk-
d02d193",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_279"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d193",NAME=
"tpcc-disk-
d03d193",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_280"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d193",NAME=
"tpcc-disk-
d04d193",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_281"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d193",NAME=
"tpcc-disk-
d05d193",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_282"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d193",NAME=
"tpcc-disk-
d06d193",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_283"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d168",NAME=
"tpcc-disk-
d01d168",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_28"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d193",NAME=
"tpcc-disk-
d07d193",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_284"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d193",NAME=
"tpcc-disk-
d08d193",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_285"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d193",NAME=
"tpcc-disk-
d09d193",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_286"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d193",NAME=
"tpcc-disk-
d10d193",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_287"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d194",NAME=
"tpcc-disk-
d01d194",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_288"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d194",NAME=
"tpcc-disk-
d02d194",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_289"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d194",NAME=
"tpcc-disk-
d03d194",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_290"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d194",NAME=
"tpcc-disk-
d04d194",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_291"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d194",NAME=
"tpcc-disk-
d05d194",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_292"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d194",NAME=
"tpcc-disk-
d06d194",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_293"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d168",NAME=
"tpcc-disk-
d02d168",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_29"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d194",NAME=
"tpcc-disk-
d07d194",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_294"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d194",NAME=
"tpcc-disk-
d08d194",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_295"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d194",NAME=
"tpcc-disk-
d09d194",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_296"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d194",NAME=
"tpcc-disk-
d10d194",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_297"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d195",NAME=
"tpcc-disk-
d01d195",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_298"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d195",NAME=
"tpcc-disk-
d02d195",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_299"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d195",NAME=
"tpcc-disk-
d03d195",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_300"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d195",NAME=
"tpcc-disk-
d04d195",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_301"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d195",NAME=
"tpcc-disk-
d05d195",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_302"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d195",NAME=
"tpcc-disk-
d06d195",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_303"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d168",NAME=
"tpcc-disk-
d03d168",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_30"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d195",NAME=
"tpcc-disk-
d07d195",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_304"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d195",NAME=
"tpcc-disk-
d08d195",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_305"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d195",NAME=
"tpcc-disk-
d09d195",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_306"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d195",NAME=
"tpcc-disk-
d10d195",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_307"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d196",NAME=
"tpcc-disk-
d01d196",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_308"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d196",NAME=
"tpcc-disk-
d02d196",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_309"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d196",NAME=
"tpcc-disk-
d03d196",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_310"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d196",NAME=
"tpcc-disk-
d04d196",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_311"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d196",NAME=
"tpcc-disk-
d05d196",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_312"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d196",NAME=
"tpcc-disk-
d06d196",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_313"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d168",NAME=
"tpcc-disk-
d04d168",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_31"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d196",NAME=
"tpcc-disk-
d07d196",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_314"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d196",NAME=
"tpcc-disk-
d08d196",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_315"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d196",NAME=
"tpcc-disk-
d09d196",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_316"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d196",NAME=
```

```
"tpcc-disk-
d10d196",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_317"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d197",NAME="
"tpcc-disk-
d01d197",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_318"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d197",NAME="
"tpcc-disk-
d02d197",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_319"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d197",NAME="
"tpcc-disk-
d03d197",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_320"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d197",NAME="
"tpcc-disk-
d04d197",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_321"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d197",NAME="
"tpcc-disk-
d05d197",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_322"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d197",NAME="
"tpcc-disk-
d06d197",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_323"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d168",NAME="
"tpcc-disk-
d05d168",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_32"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d197",NAME="
"tpcc-disk-
d07d197",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_324"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d197",NAME="
"tpcc-disk-
d08d197",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_325"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d197",NAME="
"tpcc-disk-
d09d197",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_326"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d197",NAME="
"tpcc-disk-
d10d197",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_327"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d198",NAME="
"tpcc-disk-
d01d198",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_328"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d198",NAME="
"tpcc-disk-
d02d198",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_329"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d198",NAME="
"tpcc-disk-
d03d198",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_330"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d198",NAME="
"tpcc-disk-
d04d198",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_331"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d198",NAME="
"tpcc-disk-
d05d198",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_332"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d198",NAME="
"tpcc-disk-
d06d198",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_333"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d168",NAME="
"tpcc-disk-
d06d168",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_33"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d198",NAME="
"tpcc-disk-
d07d198",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_334"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d198",NAME="
"tpcc-disk-
d08d198",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_335"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d165",NAME="
"tpcc-disk-
d06d165",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_3"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d198",NAME="
"tpcc-disk-
d09d198",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_336"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d198",NAME="
"tpcc-disk-
d10d198",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_337"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d199",NAME="
"tpcc-disk-
d01d199",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_338"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d199",NAME="
"tpcc-disk-
d02d199",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_339"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d199",NAME="
"tpcc-disk-
d03d199",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_340"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d199",NAME="
"tpcc-disk-
d04d199",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_341"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d199",NAME="
"tpcc-disk-
d05d199",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_342"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d199",NAME="
"tpcc-disk-
d06d199",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_343"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d168",NAME="
"tpcc-disk-
d07d168",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_34"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d199",NAME="
"tpcc-disk-
d07d199",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_344"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d199",NAME="
"tpcc-disk-
d08d199",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_345"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d199",NAME="
"tpcc-disk-
d09d199",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_346"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d199",NAME="
"tpcc-disk-
d10d199",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_347"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d200",NAME="
"tpcc-disk-
d01d200",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_348"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d200",NAME="
"tpcc-disk-
d02d200",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_349"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d200",NAME="
"tpcc-disk-
d03d200",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_350"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d200",NAME="
"tpcc-disk-
d04d200",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_351"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d200",NAME="
"tpcc-disk-
d05d200",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_352"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d200",NAME="
"tpcc-disk-
d06d200",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_353"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d168",NAME="
"tpcc-disk-
d08d168",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_35"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d200",NAME="
"tpcc-disk-
d07d200",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_354"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d200",NAME="
"tpcc-disk-
d08d200",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_355"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d200",NAME="
"tpcc-disk-
d09d200",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_356"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d200",NAME="
"tpcc-disk-
d10d200",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_357"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d201",NAME="
"tpcc-disk-
d01d201",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_358"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d201",NAME="
"tpcc-disk-
d02d201",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_359"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d201",NAME="
"tpcc-disk-
d03d201",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_360"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d201",NAME="
"tpcc-disk-
d04d201",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_361"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d201",NAME="
"tpcc-disk-
d05d201",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_362"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d201",NAME="
"tpcc-disk-
d06d201",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_363"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d168",NAME="
"tpcc-disk-
d09d168",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_36"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d201",NAME="
"tpcc-disk-
d07d201",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_364"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d201",NAME="
"tpcc-disk-
d08d201",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_365"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d201",NAME="
"tpcc-disk-
d09d201",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_366"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d201",NAME="
"tpcc-disk-
d10d201",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_367"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d202",NAME="
"tpcc-disk-
d01d202",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_368"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d202",NAME="
```

```
"tpcc-disk-
d02d202",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_369"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d202",NAME="tpcc-disk-
d03d202",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_370"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d202",NAME="tpcc-disk-
d04d202",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_371"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d202",NAME="tpcc-disk-
d05d202",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_372"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d202",NAME="tpcc-disk-
d06d202",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_373"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d168",NAME="tpcc-disk-
d10d168",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_37"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d202",NAME="tpcc-disk-
d07d202",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_374"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d202",NAME="tpcc-disk-
d08d202",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_375"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d202",NAME="tpcc-disk-
d09d202",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_376"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d202",NAME="tpcc-disk-
d10d202",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_377"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d203",NAME="tpcc-disk-
d01d203",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_378"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d203",NAME="tpcc-disk-
d02d203",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_379"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d203",NAME="tpcc-disk-
d03d203",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_380"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d203",NAME="tpcc-disk-
d04d203",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_381"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d203",NAME="tpcc-disk-
d05d203",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_382"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d203",NAME="tpcc-disk-
d06d203",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_383"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d169",NAME="tpcc-disk-
d01d169",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_38"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d203",NAME="tpcc-disk-
d07d203",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_384"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d203",NAME="tpcc-disk-
d08d203",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_385"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d203",NAME="tpcc-disk-
d09d203",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_386"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d203",NAME="tpcc-disk-
d10d203",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_387"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d204",NAME="tpcc-disk-
d01d204",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_388"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d204",NAME="tpcc-disk-
d02d204",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_389"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d204",NAME="tpcc-disk-
d03d204",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_390"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d204",NAME="tpcc-disk-
d04d204",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_391"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d204",NAME="tpcc-disk-
d05d204",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_392"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d204",NAME="tpcc-disk-
d06d204",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_393"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d169",NAME="tpcc-disk-
d02d169",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_39"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d204",NAME="tpcc-disk-
d07d204",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_394"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d204",NAME="tpcc-disk-
d08d204",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_395"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d204",NAME="tpcc-disk-
d09d204",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_396"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d204",NAME="tpcc-disk-
d10d204",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_397"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d205",NAME="tpcc-disk-
d01d205",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_398"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d205",NAME="tpcc-disk-
d02d205",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_399"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d205",NAME="tpcc-disk-
d03d205",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_400"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d205",NAME="tpcc-disk-
d04d205",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_401"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d205",NAME="tpcc-disk-
d05d205",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_402"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d205",NAME="tpcc-disk-
d06d205",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_403"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d169",NAME="tpcc-disk-
d03d169",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_40"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d205",NAME="tpcc-disk-
d07d205",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_404"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d205",NAME="tpcc-disk-
d08d205",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_405"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d205",NAME="tpcc-disk-
d09d205",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_406"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d205",NAME="tpcc-disk-
d10d205",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_407"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d206",NAME="tpcc-disk-
d01d206",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_408"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d206",NAME="tpcc-disk-
d02d206",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_409"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d206",NAME="tpcc-disk-
d03d206",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_410"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d206",NAME="tpcc-disk-
d04d206",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_411"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d206",NAME="tpcc-disk-
d05d206",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_412"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d206",NAME="tpcc-disk-
d06d206",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_413"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d169",NAME="tpcc-disk-
d04d169",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_41"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d206",NAME="tpcc-disk-
d07d206",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_414"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d206",NAME="tpcc-disk-
d08d206",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_415"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d206",NAME="tpcc-disk-
d09d206",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_416"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d206",NAME="tpcc-disk-
d10d206",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_417"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d207",NAME="tpcc-disk-
d01d207",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_418"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d207",NAME="tpcc-disk-
d02d207",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_419"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d207",NAME="tpcc-disk-
d03d207",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_420"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d207",NAME="tpcc-disk-
d04d207",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_421"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d207",NAME=
```

```
"tpcc-disk-
d05d207",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_422"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d207",NAME="
"tpcc-disk-
d06d207",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_423"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d169",NAME="
"tpcc-disk-
d05d169",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_42"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d207",NAME="
"tpcc-disk-
d07d207",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_424"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d207",NAME="
"tpcc-disk-
d08d207",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_425"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d207",NAME="
"tpcc-disk-
d09d207",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_426"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d207",NAME="
"tpcc-disk-
d10d207",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_427"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d208",NAME="
"tpcc-disk-
d01d208",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_428"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d208",NAME="
"tpcc-disk-
d02d208",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_429"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d208",NAME="
"tpcc-disk-
d03d208",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_430"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d208",NAME="
"tpcc-disk-
d04d208",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_431"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d208",NAME="
"tpcc-disk-
d05d208",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_432"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d208",NAME="
"tpcc-disk-
d06d208",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_433"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d169",NAME="
"tpcc-disk-
d06d169",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_43"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d208",NAME="
"tpcc-disk-
d07d208",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_434"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d208",NAME="
"tpcc-disk-
d08d208",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_435"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d165",NAME="
"tpcc-disk-
d07d165",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_4"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d208",NAME="
"tpcc-disk-
d09d208",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_436"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d208",NAME="
"tpcc-disk-
d10d208",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_437"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d209",NAME="
"tpcc-disk-
d01d209",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_438"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d209",NAME="
"tpcc-disk-
d02d209",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_439"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d209",NAME="
"tpcc-disk-
d03d209",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_440"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d209",NAME="
"tpcc-disk-
d04d209",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_441"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d209",NAME="
"tpcc-disk-
d05d209",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_442"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d209",NAME="
"tpcc-disk-
d06d209",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_443"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d169",NAME="
"tpcc-disk-
d07d169",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_44"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d209",NAME="
"tpcc-disk-
d07d209",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_444"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d209",NAME="
"tpcc-disk-
d08d209",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_445"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d209",NAME="
"tpcc-disk-
d09d209",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_446"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d209",NAME="
"tpcc-disk-
d10d209",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_447"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d210",NAME="
"tpcc-disk-
d01d210",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_448"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d210",NAME="
"tpcc-disk-
d02d210",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_449"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d210",NAME="
"tpcc-disk-
d03d210",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_450"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d210",NAME="
"tpcc-disk-
d04d210",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_451"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d210",NAME="
"tpcc-disk-
d05d210",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_452"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d210",NAME="
"tpcc-disk-
d06d210",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_453"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d169",NAME="
"tpcc-disk-
d08d169",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_45"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d210",NAME="
"tpcc-disk-
d07d210",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_454"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d210",NAME="
"tpcc-disk-
d08d210",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_455"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d210",NAME="
"tpcc-disk-
d09d210",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_456"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d210",NAME="
"tpcc-disk-
d10d210",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_457"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d211",NAME="
"tpcc-disk-
d01d211",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_458"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d211",NAME="
"tpcc-disk-
d02d211",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_459"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d211",NAME="
"tpcc-disk-
d03d211",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_460"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d211",NAME="
"tpcc-disk-
d04d211",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_461"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d211",NAME="
"tpcc-disk-
d05d211",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_462"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d211",NAME="
"tpcc-disk-
d06d211",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_463"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d169",NAME="
"tpcc-disk-
d09d169",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_46"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d211",NAME="
"tpcc-disk-
d07d211",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_464"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d211",NAME="
"tpcc-disk-
d08d211",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_465"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d211",NAME="
"tpcc-disk-
d09d211",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_466"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d211",NAME="
"tpcc-disk-
d10d211",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_467"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d212",NAME="
"tpcc-disk-
d01d212",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_468"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d212",NAME="
"tpcc-disk-
d02d212",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_469"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d212",NAME="
"tpcc-disk-
d03d212",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_470"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d212",NAME="
"tpcc-disk-
d04d212",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_471"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d212",NAME="
"tpcc-disk-
d05d212",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_472"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d212",NAME="
"tpcc-disk-
d06d212",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_473"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d169",NAME="
```

```
"tpcc-disk-
d10d169",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_47"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d212",NAME=
"tpcc-disk-
d07d212",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_474"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d212",NAME=
"tpcc-disk-
d08d212",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_475"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d212",NAME=
"tpcc-disk-
d09d212",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_476"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d212",NAME=
"tpcc-disk-
d10d212",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_477"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d213",NAME=
"tpcc-disk-
d01d213",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_478"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d213",NAME=
"tpcc-disk-
d02d213",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_479"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d213",NAME=
"tpcc-disk-
d03d213",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_480"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d213",NAME=
"tpcc-disk-
d04d213",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_481"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d213",NAME=
"tpcc-disk-
d05d213",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_482"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d213",NAME=
"tpcc-disk-
d06d213",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_483"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d170",NAME=
"tpcc-disk-
d01d170",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_48"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d213",NAME=
"tpcc-disk-
d07d213",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_484"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d213",NAME=
"tpcc-disk-
d08d213",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_485"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d213",NAME=
"tpcc-disk-
d09d213",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_486"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d213",NAME=
"tpcc-disk-
d10d213",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_487"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d214",NAME=
"tpcc-disk-
d01d214",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_488"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d214",NAME=
"tpcc-disk-
d02d214",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_489"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d214",NAME=
"tpcc-disk-
d03d214",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_490"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d214",NAME=
"tpcc-disk-
d04d214",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_491"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d214",NAME=
"tpcc-disk-
d05d214",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_492"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d214",NAME=
"tpcc-disk-
d06d214",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_493"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d170",NAME=
"tpcc-disk-
d02d170",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_49"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d214",NAME=
"tpcc-disk-
d07d214",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_494"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d214",NAME=
"tpcc-disk-
d08d214",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_495"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d214",NAME=
"tpcc-disk-
d09d214",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_496"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d214",NAME=
"tpcc-disk-
d10d214",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_497"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d215",NAME=
"tpcc-disk-
d01d215",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_498"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d215",NAME=
"tpcc-disk-
d02d215",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_499"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d215",NAME=
"tpcc-disk-
d03d215",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_500"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d215",NAME=
"tpcc-disk-
d04d215",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_501"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d215",NAME=
"tpcc-disk-
d05d215",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_502"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d215",NAME=
"tpcc-disk-
d06d215",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_503"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d170",NAME=
"tpcc-disk-
d03d170",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_50"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d215",NAME=
"tpcc-disk-
d07d215",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_504"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d215",NAME=
"tpcc-disk-
d08d215",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_505"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d215",NAME=
"tpcc-disk-
d09d215",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_506"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d215",NAME=
"tpcc-disk-
d10d215",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_507"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d216",NAME=
"tpcc-disk-
d01d216",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_508"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d216",NAME=
"tpcc-disk-
d02d216",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_509"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d216",NAME=
"tpcc-disk-
d03d216",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_510"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d216",NAME=
"tpcc-disk-
d04d216",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_511"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d216",NAME=
"tpcc-disk-
d05d216",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_512"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d216",NAME=
"tpcc-disk-
d06d216",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_513"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d170",NAME=
"tpcc-disk-
d04d170",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_51"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d216",NAME=
"tpcc-disk-
d07d216",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_514"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d216",NAME=
"tpcc-disk-
d08d216",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_515"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d216",NAME=
"tpcc-disk-
d09d216",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_516"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d216",NAME=
"tpcc-disk-
d10d216",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_517"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d217",NAME=
"tpcc-disk-
d01d217",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_518"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d217",NAME=
"tpcc-disk-
d02d217",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_519"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d217",NAME=
"tpcc-disk-
d03d217",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_520"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d217",NAME=
"tpcc-disk-
d04d217",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_521"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d217",NAME=
"tpcc-disk-
d05d217",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_522"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d217",NAME=
"tpcc-disk-
d06d217",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_523"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d170",NAME=
"tpcc-disk-
d05d170",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_52"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d217",NAME=
"tpcc-disk-
d07d217",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_524"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d217",NAME=
"tpcc-disk-
d08d217",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_525"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d217",NAME=
```

"tpcc-disk-
d09d217",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_526"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d217",NAME="tpcc-disk-
d10d217",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_527"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d218",NAME="tpcc-disk-
d01d218",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_528"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d218",NAME="tpcc-disk-
d02d218",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_529"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d218",NAME="tpcc-disk-
d03d218",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_530"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d218",NAME="tpcc-disk-
d04d218",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_531"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d218",NAME="tpcc-disk-
d05d218",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_532"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d218",NAME="tpcc-disk-
d06d218",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_533"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d170",NAME="tpcc-disk-
d06d170",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_53"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d218",NAME="tpcc-disk-
d07d218",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_534"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d218",NAME="tpcc-disk-
d08d218",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_535"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d165",NAME="tpcc-disk-
d08d165",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_5"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d218",NAME="tpcc-disk-
d09d218",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_536"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d218",NAME="tpcc-disk-
d10d218",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_537"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d219",NAME="tpcc-disk-
d01d219",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_538"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d219",NAME="tpcc-disk-
d02d219",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_539"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d219",NAME="tpcc-disk-
d03d219",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_540"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d219",NAME="tpcc-disk-
d04d219",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_541"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d219",NAME="tpcc-disk-
d05d219",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_542"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d219",NAME="tpcc-disk-
d06d219",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_543"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d170",NAME="tpcc-disk-
d07d170",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_54"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d219",NAME="tpcc-disk-
d07d219",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_544"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d219",NAME="tpcc-disk-
d08d219",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_545"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d219",NAME="tpcc-disk-
d09d219",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_546"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d219",NAME="tpcc-disk-
d10d219",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_547"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d220",NAME="tpcc-disk-
d01d220",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_548"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d220",NAME="tpcc-disk-
d02d220",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_549"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d220",NAME="tpcc-disk-
d03d220",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_550"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d220",NAME="tpcc-disk-
d04d220",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_551"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d220",NAME="tpcc-disk-
d05d220",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_552"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d220",NAME="tpcc-disk-
d06d220",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_553"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d170",NAME="tpcc-disk-
d08d170",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_55"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d220",NAME="tpcc-disk-
d07d220",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_554"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d220",NAME="tpcc-disk-
d08d220",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_555"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d220",NAME="tpcc-disk-
d09d220",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_556"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d220",NAME="tpcc-disk-
d10d220",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_557"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d221",NAME="tpcc-disk-
d01d221",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_558"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d221",NAME="tpcc-disk-
d02d221",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_559"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d221",NAME="tpcc-disk-
d03d221",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_560"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d221",NAME="tpcc-disk-
d04d221",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_561"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d221",NAME="tpcc-disk-
d05d221",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_562"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d221",NAME="tpcc-disk-
d06d221",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_563"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d170",NAME="tpcc-disk-
d09d170",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_56"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d221",NAME="tpcc-disk-
d07d221",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_564"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d221",NAME="tpcc-disk-
d08d221",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_565"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d221",NAME="tpcc-disk-
d09d221",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_566"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d221",NAME="tpcc-disk-
d10d221",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_567"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d222",NAME="tpcc-disk-
d01d222",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_568"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d222",NAME="tpcc-disk-
d02d222",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_569"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d222",NAME="tpcc-disk-
d03d222",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_570"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d222",NAME="tpcc-disk-
d04d222",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_571"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d222",NAME="tpcc-disk-
d05d222",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_572"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d222",NAME="tpcc-disk-
d06d222",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_573"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d170",NAME="tpcc-disk-
d10d170",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_57"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d222",NAME="tpcc-disk-
d07d222",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_574"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d222",NAME="tpcc-disk-
d08d222",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_575"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d222",NAME="tpcc-disk-
d09d222",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_576"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d222",NAME="tpcc-disk-
d10d222",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_577"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d223",NAME=

```
"tpcc-disk-
d01d223",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_578"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d223",NAME="
"tpcc-disk-
d02d223",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_579"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d223",NAME="
"tpcc-disk-
d03d223",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_580"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d223",NAME="
"tpcc-disk-
d04d223",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_581"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d223",NAME="
"tpcc-disk-
d05d223",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_582"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d223",NAME="
"tpcc-disk-
d06d223",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_583"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d171",NAME="
"tpcc-disk-
d01d171",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_58"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d223",NAME="
"tpcc-disk-
d07d223",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_584"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d223",NAME="
"tpcc-disk-
d08d223",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_585"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d223",NAME="
"tpcc-disk-
d09d223",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_586"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d223",NAME="
"tpcc-disk-
d10d223",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_587"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d224",NAME="
"tpcc-disk-
d01d224",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_588"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d224",NAME="
"tpcc-disk-
d02d224",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_589"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d224",NAME="
"tpcc-disk-
d03d224",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_590"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d224",NAME="
"tpcc-disk-
d04d224",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_591"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d224",NAME="
"tpcc-disk-
d05d224",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_592"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d224",NAME="
"tpcc-disk-
d06d224",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_593"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d171",NAME="
"tpcc-disk-
d02d171",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_59"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d224",NAME="
"tpcc-disk-
d07d224",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_594"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d224",NAME="
"tpcc-disk-
d08d224",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_595"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d224",NAME="
"tpcc-disk-
d09d224",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_596"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d224",NAME="
"tpcc-disk-
d10d224",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_597"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d225",NAME="
"tpcc-disk-
d01d225",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_598"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d225",NAME="
"tpcc-disk-
d02d225",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_599"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d225",NAME="
"tpcc-disk-
d03d225",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_600"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d225",NAME="
"tpcc-disk-
d04d225",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_601"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d225",NAME="
"tpcc-disk-
d05d225",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_602"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d225",NAME="
"tpcc-disk-
d06d225",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_603"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d171",NAME="
"tpcc-disk-
d03d171",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_60"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d225",NAME="
"tpcc-disk-
d07d225",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_604"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d225",NAME="
"tpcc-disk-
d08d225",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_605"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d225",NAME="
"tpcc-disk-
d09d225",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_606"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d225",NAME="
"tpcc-disk-
d10d225",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_607"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d226",NAME="
"tpcc-disk-
d01d226",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_608"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d226",NAME="
"tpcc-disk-
d02d226",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_609"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d226",NAME="
"tpcc-disk-
d03d226",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_610"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d226",NAME="
"tpcc-disk-
d04d226",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_611"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d226",NAME="
"tpcc-disk-
d05d226",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_612"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d226",NAME="
"tpcc-disk-
d06d226",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_613"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d171",NAME="
"tpcc-disk-
d04d171",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_61"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d226",NAME="
"tpcc-disk-
d07d226",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_614"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d226",NAME="
"tpcc-disk-
d08d226",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_615"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d226",NAME="
"tpcc-disk-
d09d226",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_616"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d226",NAME="
"tpcc-disk-
d10d226",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_617"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d227",NAME="
"tpcc-disk-
d01d227",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_618"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d227",NAME="
"tpcc-disk-
d02d227",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_619"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d227",NAME="
"tpcc-disk-
d03d227",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_620"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d227",NAME="
"tpcc-disk-
d04d227",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_621"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d227",NAME="
"tpcc-disk-
d05d227",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_622"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d227",NAME="
"tpcc-disk-
d06d227",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_623"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d171",NAME="
"tpcc-disk-
d05d171",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_62"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d227",NAME="
"tpcc-disk-
d07d227",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_624"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d227",NAME="
"tpcc-disk-
d08d227",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_625"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d227",NAME="
"tpcc-disk-
d09d227",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_626"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d227",NAME="
"tpcc-disk-
d10d227",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_627"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d228",NAME="
"tpcc-disk-
d01d228",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_628"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d228",NAME="
"tpcc-disk-
d02d228",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_629"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d228",NAME="
"tpcc-disk-
d03d228",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_630"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d228",NAME="
```

```
"tpcc-disk-
d04d228",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_631"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d228",NAME=
"tpcc-disk-
d05d228",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_632"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d228",NAME=
"tpcc-disk-
d06d228",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_633"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d171",NAME=
"tpcc-disk-
d06d171",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_63"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d228",NAME=
"tpcc-disk-
d07d228",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_634"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d228",NAME=
"tpcc-disk-
d08d228",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_635"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d165",NAME=
"tpcc-disk-
d09d165",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_6"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d228",NAME=
"tpcc-disk-
d09d228",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_636"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d228",NAME=
"tpcc-disk-
d10d228",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_637"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d229",NAME=
"tpcc-disk-
d01d229",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_638"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d229",NAME=
"tpcc-disk-
d02d229",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_639"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d229",NAME=
"tpcc-disk-
d03d229",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_640"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d229",NAME=
"tpcc-disk-
d04d229",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_641"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d229",NAME=
"tpcc-disk-
d05d229",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_642"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d229",NAME=
"tpcc-disk-
d06d229",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_643"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d171",NAME=
"tpcc-disk-
d07d171",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_64"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d229",NAME=
"tpcc-disk-
d07d229",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_644"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d229",NAME=
"tpcc-disk-
d08d229",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_645"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d229",NAME=
"tpcc-disk-
d09d229",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_646"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d229",NAME=
"tpcc-disk-
d10d229",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_647"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d230",NAME=
"tpcc-disk-
d01d230",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_648"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d230",NAME=
"tpcc-disk-
d02d230",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_649"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d230",NAME=
"tpcc-disk-
d03d230",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_650"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d230",NAME=
"tpcc-disk-
d04d230",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_651"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d230",NAME=
"tpcc-disk-
d05d230",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_652"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d230",NAME=
"tpcc-disk-
d06d230",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_653"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d171",NAME=
"tpcc-disk-
d08d171",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_65"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d230",NAME=
"tpcc-disk-
d07d230",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_654"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d230",NAME=
"tpcc-disk-
d08d230",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_655"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d230",NAME=
"tpcc-disk-
d09d230",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_656"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d230",NAME=
"tpcc-disk-
d10d230",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_657"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d231",NAME=
"tpcc-disk-
d01d231",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_658"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d231",NAME=
"tpcc-disk-
d02d231",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_659"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d231",NAME=
"tpcc-disk-
d03d231",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_660"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d231",NAME=
"tpcc-disk-
d04d231",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_661"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d231",NAME=
"tpcc-disk-
d05d231",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_662"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d231",NAME=
"tpcc-disk-
d06d231",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_663"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d171",NAME=
"tpcc-disk-
d09d171",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_66"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d231",NAME=
"tpcc-disk-
d07d231",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_664"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d231",NAME=
"tpcc-disk-
d08d231",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_665"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d231",NAME=
"tpcc-disk-
d09d231",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_666"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d231",NAME=
"tpcc-disk-
d10d231",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_667"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d232",NAME=
"tpcc-disk-
d01d232",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_668"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d232",NAME=
"tpcc-disk-
d02d232",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_669"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d232",NAME=
"tpcc-disk-
d03d232",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_670"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d232",NAME=
"tpcc-disk-
d04d232",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_671"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d232",NAME=
"tpcc-disk-
d05d232",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_672"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d232",NAME=
"tpcc-disk-
d06d232",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_673"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d171",NAME=
"tpcc-disk-
d10d171",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_67"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d232",NAME=
"tpcc-disk-
d07d232",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_674"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d232",NAME=
"tpcc-disk-
d08d232",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_675"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d232",NAME=
"tpcc-disk-
d09d232",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_676"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d232",NAME=
"tpcc-disk-
d10d232",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_677"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d233",NAME=
"tpcc-disk-
d01d233",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_678"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d233",NAME=
"tpcc-disk-
d02d233",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_679"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d233",NAME=
"tpcc-disk-
d03d233",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_680"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d233",NAME=
"tpcc-disk-
d04d233",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_681"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d233",NAME=
"tpcc-disk-
d05d233",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_682"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d233",NAME=
```

```
"tpcc-disk-
d06d233",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_683"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d172",NAME="
"tpcc-disk-
d01d172",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_68"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d233",NAME="
"tpcc-disk-
d07d233",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_684"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d233",NAME="
"tpcc-disk-
d08d233",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_685"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d233",NAME="
"tpcc-disk-
d09d233",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_686"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d233",NAME="
"tpcc-disk-
d10d233",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_687"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d234",NAME="
"tpcc-disk-
d01d234",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_688"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d234",NAME="
"tpcc-disk-
d02d234",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_689"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d234",NAME="
"tpcc-disk-
d03d234",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_690"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d234",NAME="
"tpcc-disk-
d04d234",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_691"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d234",NAME="
"tpcc-disk-
d05d234",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_692"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d234",NAME="
"tpcc-disk-
d06d234",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_693"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d172",NAME="
"tpcc-disk-
d02d172",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_69"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d234",NAME="
"tpcc-disk-
d07d234",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_694"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d234",NAME="
"tpcc-disk-
d08d234",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_695"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d234",NAME="
"tpcc-disk-
d09d234",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_696"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d234",NAME="
"tpcc-disk-
d10d234",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_697"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d235",NAME="
"tpcc-disk-
d01d235",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_698"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d235",NAME="
"tpcc-disk-
d02d235",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_699"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d235",NAME="
"tpcc-disk-
d03d235",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_700"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d235",NAME="
"tpcc-disk-
d04d235",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_701"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d235",NAME="
"tpcc-disk-
d05d235",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_702"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d235",NAME="
"tpcc-disk-
d06d235",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_703"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d172",NAME="
"tpcc-disk-
d03d172",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_70"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d235",NAME="
"tpcc-disk-
d07d235",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_704"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d235",NAME="
"tpcc-disk-
d08d235",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_705"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d235",NAME="
"tpcc-disk-
d09d235",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_706"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d235",NAME="
"tpcc-disk-
d10d235",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_707"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d236",NAME="
"tpcc-disk-
d01d236",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_708"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d236",NAME="
"tpcc-disk-
d02d236",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_709"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d236",NAME="
"tpcc-disk-
d03d236",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_710"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d236",NAME="
"tpcc-disk-
d04d236",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_711"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d236",NAME="
"tpcc-disk-
d05d236",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_712"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d236",NAME="
"tpcc-disk-
d06d236",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_713"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d172",NAME="
"tpcc-disk-
d04d172",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_71"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d236",NAME="
"tpcc-disk-
d07d236",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_714"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d236",NAME="
"tpcc-disk-
d08d236",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_715"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d236",NAME="
"tpcc-disk-
d09d236",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_716"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d236",NAME="
"tpcc-disk-
d10d236",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_717"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d237",NAME="
"tpcc-disk-
d01d237",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_718"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d237",NAME="
"tpcc-disk-
d02d237",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_719"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d172",NAME="
"tpcc-disk-
d05d172",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_72"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d172",NAME="
"tpcc-disk-
d06d172",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_73"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d165",NAME="
"tpcc-disk-
d10d165",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_7"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d172",NAME="
"tpcc-disk-
d07d172",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_74"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d172",NAME="
"tpcc-disk-
d08d172",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_75"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d172",NAME="
"tpcc-disk-
d09d172",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_76"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d172",NAME="
"tpcc-disk-
d10d172",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_77"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d173",NAME="
"tpcc-disk-
d01d173",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_78"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d173",NAME="
"tpcc-disk-
d02d173",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_79"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d173",NAME="
"tpcc-disk-
d03d173",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_80"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d173",NAME="
"tpcc-disk-
d04d173",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_81"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d173",NAME="
"tpcc-disk-
d05d173",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_82"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d173",NAME="
"tpcc-disk-
d06d173",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_83"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d166",NAME="
"tpcc-disk-
d01d166",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_8"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d173",NAME="
"tpcc-disk-
d07d173",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_84"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d173",NAME="
"tpcc-disk-
d08d173",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_85"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d173",NAME="
"tpcc-disk-
d09d173",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_86"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d173",NAME="
```

```
"tpcc-disk-
d10d173",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_87"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d174",NAME=
"tpcc-disk-
d01d174",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_88"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d174",NAME=
"tpcc-disk-
d02d174",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_89"
BUS=="scsi",RESULT=="3600144f07d498e00000000000d03d174",NAME=
"tpcc-disk-
d03d174",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_90"
BUS=="scsi",RESULT=="3600144f019554e00000000000d04d174",NAME=
"tpcc-disk-
d04d174",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_91"
BUS=="scsi",RESULT=="3600144f0c4e70e00000000000d05d174",NAME=
"tpcc-disk-
d05d174",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_92"
BUS=="scsi",RESULT=="3600144f08452ce00000000000d06d174",NAME=
"tpcc-disk-
d06d174",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_93"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d166",NAME=
"tpcc-disk-
d02d166",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_9"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d174",NAME=
"tpcc-disk-
d07d174",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_94"
BUS=="scsi",RESULT=="3600144f078f08e00000000000d08d174",NAME=
"tpcc-disk-
d08d174",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_95"
BUS=="scsi",RESULT=="3600144f08129ce00000000000d09d174",NAME=
"tpcc-disk-
d09d174",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_96"
BUS=="scsi",RESULT=="3600144f059274e00000000000d10d174",NAME=
"tpcc-disk-
d10d174",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_97"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d175",NAME=
"tpcc-disk-
d01d175",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_98"
BUS=="scsi",RESULT=="3600144f09c8d8e00000000000d02d175",NAME=
"tpcc-disk-
d02d175",GROUP:="dba",OWNER:="oracle",SYMLINK+="stok_0_99"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d282",NAME=
"tpcc-disk-
d01d282",GROUP:="dba",OWNER:="oracle",SYMLINK+="system_1"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d200",NAME=
"tpcc-disk-
a01d200",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_0"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d250",NAME=
"tpcc-disk-
a01d250",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_100"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d250",NAME=
"tpcc-disk-
a02d250",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_101"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d251",NAME=
"tpcc-disk-
a01d251",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_102"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d251",NAME=
"tpcc-disk-
a02d251",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_103"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d205",NAME=
"tpcc-disk-
a01d205",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_10"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d252",NAME=
"tpcc-disk-
a01d252",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_104"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d252",NAME=
"tpcc-disk-
a02d252",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_105"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d253",NAME=
"tpcc-disk-
a01d253",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_106"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d253",NAME=
"tpcc-disk-
a02d253",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_107"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d254",NAME=
"tpcc-disk-
a01d254",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_108"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d254",NAME=
"tpcc-disk-
a02d254",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_109"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d255",NAME=
"tpcc-disk-
a01d255",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_110"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d255",NAME=
"tpcc-disk-
a02d255",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_111"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d256",NAME=
"tpcc-disk-
a01d256",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_112"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d256",NAME=
"tpcc-disk-
a02d256",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_113"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d205",NAME=
"tpcc-disk-
a02d205",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_11"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d257",NAME=
"tpcc-disk-
a01d257",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_114"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d257",NAME=
"tpcc-disk-
a02d257",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_115"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d258",NAME=
"tpcc-disk-
a01d258",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_116"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d258",NAME=
"tpcc-disk-
a02d258",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_117"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d259",NAME=
"tpcc-disk-
a01d259",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_118"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d259",NAME=
"tpcc-disk-
a02d259",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_119"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d260",NAME=
"tpcc-disk-
a01d260",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_120"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d260",NAME=
"tpcc-disk-
a02d260",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_121"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d261",NAME=
"tpcc-disk-
a01d261",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_122"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d261",NAME=
"tpcc-disk-
a02d261",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_123"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d206",NAME=
"tpcc-disk-
a01d206",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_12"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d262",NAME=
"tpcc-disk-
a01d262",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_124"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d262",NAME=
"tpcc-disk-
a02d262",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_125"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d263",NAME=
"tpcc-disk-
a01d263",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_126"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d263",NAME=
"tpcc-disk-
a02d263",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_127"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d264",NAME=
"tpcc-disk-
a01d264",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_128"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d264",NAME=
"tpcc-disk-
a02d264",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_129"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d265",NAME=
"tpcc-disk-
a01d265",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_130"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d265",NAME=
"tpcc-disk-
a02d265",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_131"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d266",NAME=
"tpcc-disk-
a01d266",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_132"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d266",NAME=
"tpcc-disk-
a02d266",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_133"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d206",NAME=
"tpcc-disk-
a02d206",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_13"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d267",NAME=
"tpcc-disk-
a01d267",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_134"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d267",NAME=
"tpcc-disk-
a02d267",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_135"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d200",NAME=
"tpcc-disk-
a02d200",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_1"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d268",NAME=
"tpcc-disk-
a01d268",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_136"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d268",NAME=
```

```
"tpcc-disk-
a02d268",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_137"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d269",NAME=
"tpcc-disk-
a01d269",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_138"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d269",NAME=
"tpcc-disk-
a02d269",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_139"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d270",NAME=
"tpcc-disk-
a01d270",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_140"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d270",NAME=
"tpcc-disk-
a02d270",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_141"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d271",NAME=
"tpcc-disk-
a01d271",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_142"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d271",NAME=
"tpcc-disk-
a02d271",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_143"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d207",NAME=
"tpcc-disk-
a01d207",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_14"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d272",NAME=
"tpcc-disk-
a01d272",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_144"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d272",NAME=
"tpcc-disk-
a02d272",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_145"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d273",NAME=
"tpcc-disk-
a01d273",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_146"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d273",NAME=
"tpcc-disk-
a02d273",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_147"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d274",NAME=
"tpcc-disk-
a01d274",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_148"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d274",NAME=
"tpcc-disk-
a02d274",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_149"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d275",NAME=
"tpcc-disk-
a01d275",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_150"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d275",NAME=
"tpcc-disk-
a02d275",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_151"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d276",NAME=
"tpcc-disk-
a01d276",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_152"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d276",NAME=
"tpcc-disk-
a02d276",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_153"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d207",NAME=
"tpcc-disk-
a02d207",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_15"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d277",NAME=
"tpcc-disk-
a01d277",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_154"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d277",NAME=
"tpcc-disk-
a02d277",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_155"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d278",NAME=
"tpcc-disk-
a01d278",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_156"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d278",NAME=
"tpcc-disk-
a02d278",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_157"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d279",NAME=
"tpcc-disk-
a01d279",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_158"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d279",NAME=
"tpcc-disk-
a02d279",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_159"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d208",NAME=
"tpcc-disk-
a01d208",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_16"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d208",NAME=
"tpcc-disk-
a02d208",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_17"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d209",NAME=
"tpcc-disk-
a01d209",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_18"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d209",NAME=
"tpcc-disk-
a02d209",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_19"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d210",NAME=
"tpcc-disk-
a01d210",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_20"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d210",NAME=
"tpcc-disk-
a02d210",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_21"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d211",NAME=
"tpcc-disk-
a01d211",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_22"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d211",NAME=
"tpcc-disk-
a02d211",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_23"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d201",NAME=
"tpcc-disk-
a01d201",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_2"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d212",NAME=
"tpcc-disk-
a01d212",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_24"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d212",NAME=
"tpcc-disk-
a02d212",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_25"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d213",NAME=
"tpcc-disk-
a01d213",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_26"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d213",NAME=
"tpcc-disk-
a02d213",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_27"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d214",NAME=
"tpcc-disk-
a01d214",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_28"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d214",NAME=
"tpcc-disk-
a02d214",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_29"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d215",NAME=
"tpcc-disk-
a01d215",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_30"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d215",NAME=
"tpcc-disk-
a02d215",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_31"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d216",NAME=
"tpcc-disk-
a01d216",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_32"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d216",NAME=
"tpcc-disk-
a02d216",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_33"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d201",NAME=
"tpcc-disk-
a02d201",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_3"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d217",NAME=
"tpcc-disk-
a01d217",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_34"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d217",NAME=
"tpcc-disk-
a02d217",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_35"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d218",NAME=
"tpcc-disk-
a01d218",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_36"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d218",NAME=
"tpcc-disk-
a02d218",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_37"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d219",NAME=
"tpcc-disk-
a01d219",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_38"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d219",NAME=
"tpcc-disk-
a02d219",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_39"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d220",NAME=
"tpcc-disk-
a01d220",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_40"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d220",NAME=
"tpcc-disk-
a02d220",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_41"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d221",NAME=
"tpcc-disk-
a01d221",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_42"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d221",NAME=
"tpcc-disk-
a02d221",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_43"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d202",NAME=
"tpcc-disk-
a01d202",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_4"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d222",NAME=
"tpcc-disk-
a01d222",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_44"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d222",NAME=
"tpcc-disk-
a02d222",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_45"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d223",NAME=
```

```
"tpcc-disk-
a01d223",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_46"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d223",NAME=
"tpcc-disk-
a02d223",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_47"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d224",NAME=
"tpcc-disk-
a01d224",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_48"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d224",NAME=
"tpcc-disk-
a02d224",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_49"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d225",NAME=
"tpcc-disk-
a01d225",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_50"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d225",NAME=
"tpcc-disk-
a02d225",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_51"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d226",NAME=
"tpcc-disk-
a01d226",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_52"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d226",NAME=
"tpcc-disk-
a02d226",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_53"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d202",NAME=
"tpcc-disk-
a02d202",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_5"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d227",NAME=
"tpcc-disk-
a01d227",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_54"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d227",NAME=
"tpcc-disk-
a02d227",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_55"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d228",NAME=
"tpcc-disk-
a01d228",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_56"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d228",NAME=
"tpcc-disk-
a02d228",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_57"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d229",NAME=
"tpcc-disk-
a01d229",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_58"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d229",NAME=
"tpcc-disk-
a02d229",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_59"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d230",NAME=
"tpcc-disk-
a01d230",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_60"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d230",NAME=
"tpcc-disk-
a02d230",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_61"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d231",NAME=
"tpcc-disk-
a01d231",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_62"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d231",NAME=
"tpcc-disk-
a02d231",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_63"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d203",NAME=
"tpcc-disk-
a01d203",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_6"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d232",NAME=
"tpcc-disk-
a01d232",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_64"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d232",NAME=
"tpcc-disk-
a02d232",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_65"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d233",NAME=
"tpcc-disk-
a01d233",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_66"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d233",NAME=
"tpcc-disk-
a02d233",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_67"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d234",NAME=
"tpcc-disk-
a01d234",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_68"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d234",NAME=
"tpcc-disk-
a02d234",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_69"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d235",NAME=
"tpcc-disk-
a01d235",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_70"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d235",NAME=
"tpcc-disk-
a02d235",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_71"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d236",NAME=
"tpcc-disk-
a01d236",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_72"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d236",NAME=
"tpcc-disk-
a02d236",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_73"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d203",NAME=
"tpcc-disk-
a02d203",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_7"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d237",NAME=
"tpcc-disk-
a01d237",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_74"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d237",NAME=
"tpcc-disk-
a02d237",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_75"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d238",NAME=
"tpcc-disk-
a01d238",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_76"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d238",NAME=
"tpcc-disk-
a02d238",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_77"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d239",NAME=
"tpcc-disk-
a01d239",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_78"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d239",NAME=
"tpcc-disk-
a02d239",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_79"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d240",NAME=
"tpcc-disk-
a01d240",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_80"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d240",NAME=
"tpcc-disk-
a02d240",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_81"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d241",NAME=
"tpcc-disk-
a01d241",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_82"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d241",NAME=
"tpcc-disk-
a02d241",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_83"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d204",NAME=
"tpcc-disk-
a01d204",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_8"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d242",NAME=
"tpcc-disk-
a01d242",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_84"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d242",NAME=
"tpcc-disk-
a02d242",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_85"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d243",NAME=
"tpcc-disk-
a01d243",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_86"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d243",NAME=
"tpcc-disk-
a02d243",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_87"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d244",NAME=
"tpcc-disk-
a01d244",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_88"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d244",NAME=
"tpcc-disk-
a02d244",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_89"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d245",NAME=
"tpcc-disk-
a01d245",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_90"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d245",NAME=
"tpcc-disk-
a02d245",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_91"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d246",NAME=
"tpcc-disk-
a01d246",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_92"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d246",NAME=
"tpcc-disk-
a02d246",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_93"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d204",NAME=
"tpcc-disk-
a02d204",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_9"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d247",NAME=
"tpcc-disk-
a01d247",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_94"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d247",NAME=
"tpcc-disk-
a02d247",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_95"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d248",NAME=
"tpcc-disk-
a01d248",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_96"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d248",NAME=
"tpcc-disk-
a02d248",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_97"
BUS=="scsi",RESULT=="3600144f0054c0f00000000000a01d249",NAME=
"tpcc-disk-
a01d249",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_98"
BUS=="scsi",RESULT=="3600144f0dbed0d00000000000a02d249",NAME=
```

```
"tpcc-disk-
a02d249",GROUP:="dba",OWNER:="oracle",SYMLINK+="temp_0_99"
BUS=="scsi",RESULT=="3600144f0ed35ce00000000000d07d281",NAME=
"tpcc-disk-
d07d281",GROUP:="dba",OWNER:="oracle",SYMLINK+="tpccaux"
BUS=="scsi",RESULT=="3600144f0e18d8e00000000000d01d101",NAME=
"tpcc-disk-
d01d101",GROUP:="dba",OWNER:="oracle",SYMLINK+="ware_0_0"
```

balance_eth_irqs.sh

```
#!/bin/ksh

set -A CPULIST 0 10 40 50 60 70 80 90 100 110 120 130 140 150

ETHIRQ=`cd /proc/irq; ls */eth0-TxRx* | grep TxRx | awk 'BEGIN{FS="/"}
{print $1}'`

id=0
for irq in $ETHIRQ; do
  cpu=${CPULIST[$id]}
  echo "echo $cpu > /proc/irq/$irq/smp_affinity_list"
  echo $cpu > /proc/irq/$irq/smp_affinity_list
  ((id=id+1))
  if [ $id -gt 13 ]; then
    id=0
  fi
done
```

balance_qla_irqs.sh

```
#!/bin/bash
service irqbalance stop

last_node=-1
declare -i count=0
declare -i cpu cpu1 cpu2 cpu3 cpu4

for dir in /sys/bus/pci/drivers/qla2xxx/0000* ; do
        node=`cat $dir/numa_node`
        irqs=`cat $dir/msi_irqs`
        if [ "`echo $irqs | wc -w`" != "2" ] ; then
                echo >&2 "script expects 2 interrupts per device"
                exit 1
        fi
        first_cpu=`sed 's/-.*//' < $dir/local_cpulist`

        echo $node $irqs $first_cpu $dir
done | sort | while read node irq1 irq2 cpu1 dir ; do
        cpu2=$cpu1+10
        cpu3=$cpu1+80
        cpu4=$cpu1+90
        if [ "$node" != "$last_node" ] ; then
                count=1
                cpu=$cpu1
        else
                count=$count+1
                case $count in
                        2)
                                cpu=$cpu2;;
                        3)
                                cpu=$cpu3;;
                        4)
                                cpu=$cpu4;;
                        *)
                                echo "more devices than
expected on node $node"
                                count=1
                                cpu=$cpu1;;
                esac
        fi
        last_node=$node

        echo "#$dir"
        echo "echo $cpu > /proc/irq/$irq1/smp_affinity_list"
        echo "echo $cpu > /proc/irq/$irq2/smp_affinity_list"
        echo
        echo $cpu > /proc/irq/$irq1/smp_affinity_list
        echo $cpu > /proc/irq/$irq2/smp_affinity_list
done
```

limits.conf

```
# /etc/security/limits.conf
#
#Each line describes a limit for a user in the form:
#
#<domain>       <type>  <item>  <value>
#
#Where:
#<domain> can be:
#       - an user name
#       - a group name, with @group syntax
#       - the wildcard *, for default entry
#       - the wildcard %, can be also used with %group syntax,
#               for maxlogin limit
#
#<type> can have the two values:
#       - "soft" for enforcing the soft limits
#       - "hard" for enforcing hard limits
#
#<item> can be one of the following:
#       - core - limits the core file size (KB)
#       - data - max data size (KB)
#       - fsize - maximum filesize (KB)
#       - memlock - max locked-in-memory address space (KB)
#       - nofile - max number of open files
#       - rss - max resident set size (KB)
#       - stack - max stack size (KB)
#       - cpu - max CPU time (MIN)
#       - nproc - max number of processes
#       - as - address space limit (KB)
#       - maxlogins - max number of logins for this user
#       - maxsyslogins - max number of logins on the system
#       - priority - the priority to run user process with
#       - locks - max number of file locks the user can hold
#       - sigpending - max number of pending signals
#       - msgqueue - max memory used by POSIX message queues (bytes)
#       - nice - max nice priority allowed to raise to values: [-20, 19]
#       - rtprio - max realtime priority
#
#<domain>     <type>  <item>        <value>
#

#*             soft    core          0
#*             hard    rss           10000
#@student       hard    nproc         20
#@faculty       soft    nproc         20
#@faculty       hard    nproc         50
#ftp            hard    nproc         0
#@student       -       maxlogins     4
oracle soft nofile 4096
oracle hard nofile 65536

oracle soft nproc 10240
oracle hard nproc 16384

# G5 TPCC settings.
#oracle soft stack 10240

@dba           soft    memlock        unlimited
@dba           hard    memlock        unlimited
@dba           soft    stack          unlimited
@dba           hard    stack          unlimited

# End of file
```

COMSTAR DATA Heads

```
uname

SunOS dcdata1 5.11 snv_151a i86pc i386 i86pc

SunOS dcdata1 5.11 snv_151a i86pc i386 i86pc
```

prtdiag

```
.......................................
System Configuration: SUN MICROSYSTEMS SUN FIRE X4275 SERVER
BIOS Configuration: American Megatrends Inc. 07060223 03/04/2010
BMC Configuration: IPMI 1.5 (KCS: Keyboard Controller Style)

==== Processor Sockets ====================================

Version                         Location Tag
-------------------------------- --------------------------
Intel(R) Xeon(R) CPU            E5540  @ 2.53GHz CPU 1
```

```
==== Memory Device Sockets ================================

Type        Status Set Device Locator      Bank Locator
----------- ------ --- ------------------- ----------------
Unknown     in use 0   D2                 BANK2
Unknown     empty  0   D1                 BANK1
Unknown     empty  0   D0                 BANK0
Unknown     in use 0   D5                 BANK5
Unknown     empty  0   D4                 BANK4
Unknown     empty  0   D3                 BANK3
Unknown     in use 0   D8                 BANK8
Unknown     empty  0   D7                 BANK7
Unknown     empty  0   D6                 BANK6
Unknown     empty  0   D2                 BANK2
Unknown     empty  0   D1                 BANK1
Unknown     empty  0   D0                 BANK0
Unknown     empty  0   D5                 BANK5
Unknown     empty  0   D4                 BANK4
Unknown     empty  0   D3                 BANK3
Unknown     empty  0   D8                 BANK8
Unknown     empty  0   D7                 BANK7
Unknown     empty  0   D6                 BANK6
FLASH       in use 0

==== On-Board Devices =====================================
 Zoar 2x GbE.
 Zoar 2x GbE.
 Zoar 2x GbE.
 Zoar 2x GbE.

==== Upgradeable Slots ====================================

ID  Status   Type           Description
--- -------- ---------------- ----------------------------
0   in use   PCI Express     PCIE0
1   in use   PCI Express     PCIE1
2   in use   PCI Express     PCIE2
3   in use   PCI Express     PCIE3
4   in use   PCI Express     PCIE4
5   in use   PCI Express     PCIE5
.........................................
.........................................
System Configuration:  Oracle Corporation  i86pc
Memory size: 6136 Megabytes
System Peripherals (Software Nodes):

i86pc
    scsi_vhci, instance #0
    pci, instance #0
        pci108e,4845 (driver not attached)
        pci8086,3408, instance #0
            pci108e,0, instance #0
            pci108e,0, instance #1
        pci8086,3409, instance #1
            pci108e,0, instance #2
            pci108e,0, instance #3
        pci8086,340a, instance #2
            pci1077,171, instance #0
            pci1077,171, instance #1
        pci8086,340c, instance #3
            pci1000,3150, instance #0
                sd, instance #0
                sd, instance #2
                sd, instance #1
                sd, instance #3
                sd, instance #4
                sd, instance #5
                sd, instance #6
                sd, instance #7
                sd, instance #8
                sd, instance #9
                sd, instance #10
                sd, instance #11
                smp, instance #0
                ses, instance #12
        pci8086,340e, instance #4
            pci111d,806e, instance #6
                pci111d,806e, instance #7
                    pci1000,30b0, instance #0
                        iport, instance #13
                            smp, instance #5
                            disk, instance #144
                            disk, instance #97
                            disk, instance #121
                            disk, instance #124
                            disk, instance #130
                            disk, instance #133
                            disk, instance #138
                            disk, instance #142
                            disk, instance #99
                            disk, instance #103
                            disk, instance #29
                            disk, instance #106
                            disk, instance #109
                            disk, instance #34
                            disk, instance #114
                            disk, instance #117
                            disk, instance #148
                            disk, instance #151
                            disk, instance #156
                            disk, instance #31
                            enclosure, instance #4
                        iport, instance #9
                            smp, instance #2
                            disk, instance #80
                            disk, instance #37
                            disk, instance #85
                            disk, instance #40
                            disk, instance #89
                            disk, instance #45
                            disk, instance #94
                            disk, instance #12
                            disk, instance #13
                            disk, instance #47
                            disk, instance #62
                            disk, instance #65
                            disk, instance #68
                            disk, instance #72
                            disk, instance #74
                            disk, instance #78
                            disk, instance #56
                            disk, instance #14
                            disk, instance #51
                            disk, instance #58
                            enclosure, instance #1
                        iport, instance #4
                pci111d,806e, instance #8
                    pci1000,30b0, instance #1
                        iport, instance #11
                            smp, instance #3
                            disk, instance #93
                            disk, instance #41
                            disk, instance #73
                            disk, instance #76
                            disk, instance #81
                            disk, instance #84
                            disk, instance #88
                            disk, instance #91
                            disk, instance #54
                            disk, instance #17
                            disk, instance #59
                            disk, instance #64
                            disk, instance #98
                            disk, instance #101
                            disk, instance #104
                            disk, instance #52
                            disk, instance #16
                            disk, instance #15
                            disk, instance #44
                            disk, instance #49
                            enclosure, instance #2
                        iport, instance #12
                            smp, instance #6
                            disk, instance #158
                            disk, instance #108
                            disk, instance #161
                            disk, instance #111
                            disk, instance #165
                            disk, instance #116
                            disk, instance #167
                            disk, instance #33
                            disk, instance #36
                            disk, instance #134
                            disk, instance #136
                            disk, instance #139
                            disk, instance #147
                            disk, instance #149
                            disk, instance #152
                            disk, instance #131
                            disk, instance #126
                            disk, instance #39
                            disk, instance #122
                            disk, instance #120
                            enclosure, instance #5
```

```
            iport, instance #7
    pci8086,3410, instance #5
      pci111d,806e, instance #9
        pci111d,806e, instance #10
          pci1000,30b0, instance #2
            iport, instance #10
              smp, instance #4
              disk, instance #18
              disk, instance #19
              disk, instance #21
              disk, instance #23
              disk, instance #25
              disk, instance #26
              disk, instance #27
              disk, instance #61
              disk, instance #32
              disk, instance #67
              disk, instance #70
              disk, instance #75
              disk, instance #77
              disk, instance #82
              disk, instance #87
              disk, instance #90
              disk, instance #96
              disk, instance #20
              disk, instance #22
              disk, instance #24
              enclosure, instance #3
            iport, instance #14
              smp, instance #7
              disk, instance #160
              disk, instance #112
              disk, instance #162
              disk, instance #115
              disk, instance #164
              disk, instance #42
              disk, instance #169
              disk, instance #46
              disk, instance #123
              disk, instance #125
              disk, instance #48
              disk, instance #118
              disk, instance #128
              disk, instance #137
              disk, instance #140
              disk, instance #143
              disk, instance #146
              disk, instance #150
              disk, instance #154
              disk, instance #157
              enclosure, instance #6
            iport, instance #6
        pci111d,806e, instance #11
          pci1000,30b0, instance #3
            iport, instance #8
              smp, instance #1
              disk, instance #100
              disk, instance #71
              disk, instance #79
              disk, instance #83
              disk, instance #86
              disk, instance #92
              disk, instance #95
              disk, instance #102
              disk, instance #105
              disk, instance #107
              disk, instance #35
              disk, instance #53
              disk, instance #55
              disk, instance #57
              disk, instance #28
              disk, instance #30
              disk, instance #60
              disk, instance #63
              disk, instance #69
              disk, instance #66
              enclosure, instance #0
            iport, instance #15
              smp, instance #8
              disk, instance #166
              disk, instance #110
              disk, instance #168
              disk, instance #113
              disk, instance #170
              disk, instance #38
              disk, instance #171
              disk, instance #43
              disk, instance #119
              disk, instance #141
              disk, instance #145
              disk, instance #153
              disk, instance #155
              disk, instance #159
              disk, instance #163
              disk, instance #127
              disk, instance #50
              disk, instance #129
              disk, instance #132
              disk, instance #135
              enclosure, instance #7
            iport, instance #5
        pci8086,342d (driver not attached)
        pci8086,342e (driver not attached)
        pci8086,3422 (driver not attached)
        pci8086,3423, instance #0
        pci8086,3438 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci8086,244e, instance #0
          display, instance #0
        isa, instance #0
          motherboard (driver not attached)
          asy, instance #0
          motherboard (driver not attached)
          pit_beep, instance #0
        pci108e,4845, instance #0
        pci108e,4845 (driver not attached)
    ioapics (driver not attached)
      ioapic, instance #0 (driver not attached)
    fw, instance #0
      cpu, instance #0
      cpu, instance #1
      cpu, instance #2
      cpu, instance #3
      cpu, instance #4
      cpu, instance #5
      cpu, instance #6
      cpu, instance #7
      sb, instance #1
    used-resources (driver not attached)
    iscsi, instance #0
    options, instance #0
    pseudo, instance #0
    agpgart, instance #0
    xsvc, instance #0
.........................................
```

prtconf

```
System Configuration:  Oracle Corporation  i86pc
Memory size: 6136 Megabytes
System Peripherals (Software Nodes):

i86pc
    scsi_vhci, instance #0
    pci, instance #0
        pci108e,4845 (driver not attached)
        pci8086,3408, instance #0
            pci108e,0, instance #0
            pci108e,0, instance #1
        pci8086,3409, instance #1
            pci108e,0, instance #2
            pci108e,0, instance #3
        pci8086,340a, instance #2
            pci1077,171, instance #0
            pci1077,171, instance #1
        pci8086,340c, instance #3
            pci1000,3150, instance #0
                sd, instance #0
                sd, instance #2
                sd, instance #1
```

sd, instance #3
sd, instance #4
sd, instance #5
sd, instance #6
sd, instance #7
sd, instance #8
sd, instance #9
sd, instance #10
sd, instance #11
smp, instance #0
ses, instance #12
pci8086,340e, instance #4
pci111d,806e, instance #6
pci111d,806e, instance #7
pci1000,30b0, instance #0
iport, instance #13
smp, instance #5
disk, instance #144
disk, instance #97
disk, instance #121
disk, instance #124
disk, instance #130
disk, instance #133
disk, instance #138
disk, instance #142
disk, instance #99
disk, instance #103
disk, instance #29
disk, instance #106
disk, instance #109
disk, instance #34
disk, instance #114
disk, instance #117
disk, instance #148
disk, instance #151
disk, instance #156
disk, instance #31
enclosure, instance #4
iport, instance #9
smp, instance #2
disk, instance #80
disk, instance #37
disk, instance #85
disk, instance #40
disk, instance #89
disk, instance #45
disk, instance #94
disk, instance #12
disk, instance #13
disk, instance #47
disk, instance #62
disk, instance #65
disk, instance #68
disk, instance #72
disk, instance #74
disk, instance #78
disk, instance #56
disk, instance #14
disk, instance #51
disk, instance #58
enclosure, instance #1
iport, instance #4
pci111d,806e, instance #8
pci1000,30b0, instance #1
iport, instance #11
smp, instance #3
disk, instance #93
disk, instance #41
disk, instance #73
disk, instance #76
disk, instance #81
disk, instance #84
disk, instance #88
disk, instance #91
disk, instance #54
disk, instance #17
disk, instance #59
disk, instance #64
disk, instance #98
disk, instance #101
disk, instance #104
disk, instance #52
disk, instance #16
disk, instance #15
disk, instance #44
disk, instance #49
enclosure, instance #2
iport, instance #12
smp, instance #6
disk, instance #158
disk, instance #108
disk, instance #161
disk, instance #111
disk, instance #165
disk, instance #116
disk, instance #167
disk, instance #33
disk, instance #36
disk, instance #134
disk, instance #136
disk, instance #139
disk, instance #147
disk, instance #149
disk, instance #152
disk, instance #131
disk, instance #126
disk, instance #39
disk, instance #122
disk, instance #120
enclosure, instance #5
iport, instance #7
pci8086,3410, instance #5
pci111d,806e, instance #9
pci111d,806e, instance #10
pci1000,30b0, instance #2
iport, instance #10
smp, instance #4
disk, instance #18
disk, instance #19
disk, instance #21
disk, instance #23
disk, instance #25
disk, instance #26
disk, instance #27
disk, instance #61
disk, instance #32
disk, instance #67
disk, instance #70
disk, instance #75
disk, instance #77
disk, instance #82
disk, instance #87
disk, instance #90
disk, instance #96
disk, instance #20
disk, instance #22
disk, instance #24
enclosure, instance #3
iport, instance #14
smp, instance #7
disk, instance #160
disk, instance #112
disk, instance #162
disk, instance #115
disk, instance #164
disk, instance #42
disk, instance #169
disk, instance #46
disk, instance #123
disk, instance #125
disk, instance #48
disk, instance #118
disk, instance #128
disk, instance #137
disk, instance #140
disk, instance #143
disk, instance #146
disk, instance #150
disk, instance #154
disk, instance #157
enclosure, instance #6
iport, instance #6
pci111d,806e, instance #11
pci1000,30b0, instance #3
iport, instance #8
smp, instance #1
disk, instance #100
disk, instance #71
disk, instance #79
disk, instance #83
disk, instance #86
disk, instance #92
disk, instance #95
disk, instance #102

```
            disk, instance #105
            disk, instance #107
            disk, instance #35
            disk, instance #53
            disk, instance #55
            disk, instance #57
            disk, instance #28
            disk, instance #30
            disk, instance #60
            disk, instance #63
            disk, instance #69
            disk, instance #66
            enclosure, instance #0
          iport, instance #15
            smp, instance #8
            disk, instance #166
            disk, instance #110
            disk, instance #168
            disk, instance #113
            disk, instance #170
            disk, instance #38
            disk, instance #171
            disk, instance #43
            disk, instance #119
            disk, instance #141
            disk, instance #145
            disk, instance #153
            disk, instance #155
            disk, instance #159
            disk, instance #163
            disk, instance #127
            disk, instance #50
            disk, instance #129
            disk, instance #132
            disk, instance #135
            enclosure, instance #7
          iport, instance #5
    pci8086,342d (driver not attached)
    pci8086,342e (driver not attached)
    pci8086,3422 (driver not attached)
    pci8086,3423, instance #0
    pci8086,3438 (driver not attached)
    pci108e,4845 (driver not attached)
    pci108e,4845 (driver not attached)
    pci108e,4845 (driver not attached)
    pci108e,4845 (driver not attached)
    pci108e,4845 (driver not attached)
    pci108e,4845 (driver not attached)
    pci108e,4845 (driver not attached)
    pci108e,4845 (driver not attached)
    pci108e,4845 (driver not attached)
    pci108e,4845 (driver not attached)
    pci108e,4845 (driver not attached)
    pci108e,4845 (driver not attached)
    pci108e,4845 (driver not attached)
    pci108e,4845 (driver not attached)
    pci108e,4845 (driver not attached)
    pci108e,4845 (driver not attached)
    pci8086,244e, instance #0
      display, instance #0
    isa, instance #0
      motherboard (driver not attached)
      asy, instance #0
      motherboard (driver not attached)
      pit_beep, instance #0
    pci108e,4845, instance #0
    pci108e,4845 (driver not attached)
  ioapics (driver not attached)
    ioapic, instance #0 (driver not attached)
  fw, instance #0
    cpu, instance #0
    cpu, instance #1
    cpu, instance #2
    cpu, instance #3
    cpu, instance #4
    cpu, instance #5
    cpu, instance #6
    cpu, instance #7
    sb, instance #1
  used-resources (driver not attached)
  iscsi, instance #0
  options, instance #0
  pseudo, instance #0
  agpgart, instance #0
  xsvc, instance #0
```

format

```
Searching for disks...done


AVAILABLE DISK SELECTIONS:
       0. c7t0d0 <ATA    -HITACHI H7220AA-A28A cyl 60797 alt 2 hd 255
sec 252>
          /pci@0,0/pci8086,340c@5/pci1000,3150@0/sd@0,0
       1. c7t1d0 <ATA    -HITACHI H7220AA-A28A cyl 60797 alt 2 hd 255
sec 252>
          /pci@0,0/pci8086,340c@5/pci1000,3150@0/sd@1,0
       2. c7t2d0 <ATA    -HITACHI H7220AA-A28A cyl 60797 alt 2 hd 255
sec 252>
          /pci@0,0/pci8086,340c@5/pci1000,3150@0/sd@2,0
       3. c7t3d0 <ATA    -HITACHI H7220AA-A28A cyl 60797 alt 2 hd 255
sec 252>
          /pci@0,0/pci8086,340c@5/pci1000,3150@0/sd@3,0
       4. c7t4d0 <ATA    -HITACHI H7220AA-A28A cyl 60797 alt 2 hd 255
sec 252>
          /pci@0,0/pci8086,340c@5/pci1000,3150@0/sd@4,0
       5. c7t5d0 <ATA    -HITACHI H7220AA-A28A cyl 60797 alt 2 hd 255
sec 252>
          /pci@0,0/pci8086,340c@5/pci1000,3150@0/sd@5,0
       6. c7t6d0 <ATA    -HITACHI H7220AA-A28A cyl 60797 alt 2 hd 255
sec 252>
          /pci@0,0/pci8086,340c@5/pci1000,3150@0/sd@6,0
       7. c7t7d0 <ATA    -HITACHI H7220AA-A28A cyl 60797 alt 2 hd 255
sec 252>
          /pci@0,0/pci8086,340c@5/pci1000,3150@0/sd@7,0
       8. c7t8d0 <ATA    -HITACHI H7220AA-A28A cyl 60797 alt 2 hd 255
sec 252>
          /pci@0,0/pci8086,340c@5/pci1000,3150@0/sd@8,0
       9. c7t9d0 <ATA    -HITACHI H7220AA-A28A cyl 60797 alt 2 hd 255
sec 252>
          /pci@0,0/pci8086,340c@5/pci1000,3150@0/sd@9,0
      10. c7t10d0 <ATA    -HITACHI H7220AA-A28A cyl 60797 alt 2 hd 255
sec 252>
          /pci@0,0/pci8086,340c@5/pci1000,3150@0/sd@a,0
      11. c7t11d0 <ATA    -HITACHI H7220AA-A28A cyl 60797 alt 2 hd 255
sec 252>
          /pci@0,0/pci8086,340c@5/pci1000,3150@0/sd@b,0
      12. c14t508002000055734Ad0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
          /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f0/disk@w508002000055734a,0
      13. c14t508002000055734Bd0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
          /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f0/disk@w508002000055734b,0
      14. c14t508002000055734Cd0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
          /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f0/disk@w508002000055734c,0
      15. c14t508002000055734Dd0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
          /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f0/disk@w508002000055734d,0
      16. c14t508002000055734Ed0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
          /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f0/disk@w508002000055734e,0
      17. c14t508002000055734Fd0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
          /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f0/disk@w508002000055734f,0
      18. c14t5080020000557350d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
          /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f0/disk@w5080020000557350,0
      19. c14t5080020000557351d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
          /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f0/disk@w5080020000557351,0
      20. c14t5080020000557352d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
          /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f0/disk@w5080020000557352,0
      21. c14t5080020000557353d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
          /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f0/disk@w5080020000557353,0
      22. c14t5080020000557347d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
          /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f0/disk@w5080020000557347,0
      23. c14t5080020000557340d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
```

/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557340,0
24. c14t5080020000557341d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557341,0
25. c14t5080020000557342d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557342,0
26. c14t5080020000557343d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557343,0
27. c14t5080020000557344d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557344,0
28. c14t5080020000557345d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557345,0
29. c14t5080020000557346d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557346,0
30. c14t5080020000557349d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557349,0
31. c14t5080020000557348d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557348,0
32. c15t508002000055738Ad0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w508002000055738a,0
33. c15t508002000055738Bd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w508002000055738b,0
34. c15t508002000055738Cd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w508002000055738c,0
35. c15t508002000055738Dd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w508002000055738d,0
36. c15t508002000055738Ed0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w508002000055738e,0
37. c15t508002000055738Fd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w508002000055738f,0
38. c15t5080020000557393d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w5080020000557393,0
39. c15t5080020000557380d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w5080020000557380,0
40. c15t5080020000557388d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w5080020000557388,0
41. c15t5080020000557387d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w5080020000557387,0
42. c15t5080020000557386d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w5080020000557386,0
43. c15t5080020000557389d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w5080020000557389,0
44. c15t5080020000557384d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w5080020000557384,0
45. c15t5080020000557383d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w5080020000557383,0
46. c15t5080020000557382d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w5080020000557382,0
47. c15t5080020000557385d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w5080020000557385,0
48. c15t5080020000557390d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w5080020000557390,0
49. c15t5080020000557391d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w5080020000557391,0
50. c15t5080020000557392d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w5080020000557392,0
51. c15t5080020000557381d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w5080020000557381,0
52. c16t50800200005573C0d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573c0,0
53. c16t50800200005573C1d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573c1,0
54. c16t50800200005573C2d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573c2,0
55. c16t50800200005573C3d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573c3,0
56. c16t50800200005573C4d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573c4,0
57. c16t50800200005573C5d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573c5,0
58. c16t50800200005573C6d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573c6,0
59. c16t50800200005573C7d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573c7,0
60. c16t50800200005573C8d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573c8,0
61. c16t50800200005573C9d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573c9,0
62. c16t50800200005573CAd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573ca,0
63. c16t50800200005573CBd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573cb,0
64. c16t50800200005573CCd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573cc,0
65. c16t50800200005573CDd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573cd,0
66. c16t50800200005573CEd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573ce,0

67. c16t50800200005573CFd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573cf,0
68. c16t50800200005573D0d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573d0,0
69. c16t50800200005573D1d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573d1,0
70. c16t50800200005573D2d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573d2,0
71. c16t50800200005573D3d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f0/disk@w50800200005573d3,0
72. c17t508002000055730Ad0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w508002000055730a,0
73. c17t508002000055730Bd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w508002000055730b,0
74. c17t508002000055730Cd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w508002000055730c,0
75. c17t508002000055730Dd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w508002000055730d,0
76. c17t508002000055730Ed0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w508002000055730e,0
77. c17t508002000055730Fd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w508002000055730f,0
78. c17t5080020000557300d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557300,0
79. c17t5080020000557306d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557306,0
80. c17t5080020000557307d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557307,0
81. c17t5080020000557308d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557308,0
82. c17t5080020000557309d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557309,0
83. c17t5080020000557311d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557311,0
84. c17t5080020000557312d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557312,0
85. c17t5080020000557313d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557313,0
86. c17t5080020000557305d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557305,0
87. c17t5080020000557304d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557304,0
88. c17t5080020000557303d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557303,0
89. c17t5080020000557310d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557310,0
90. c17t5080020000557301d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557301,0
91. c17t5080020000557302d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f0/disk@w5080020000557302,0
92. c18t508002000055828Ad0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w508002000055828a,0
93. c18t508002000055828Bd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w508002000055828b,0
94. c18t508002000055828Cd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w508002000055828c,0
95. c18t508002000055828Dd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w508002000055828d,0
96. c18t508002000055828Ed0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w508002000055828e,0
97. c18t508002000055828Fd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w508002000055828f,0
98. c18t5080020000558280d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w5080020000558280,0
99. c18t5080020000558281d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w5080020000558281,0
100. c18t5080020000558282d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w5080020000558282,0
101. c18t5080020000558283d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w5080020000558283,0
102. c18t5080020000558285d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w5080020000558285,0
103. c18t5080020000558286d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w5080020000558286,0
104. c18t5080020000558287d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w5080020000558287,0
105. c18t5080020000558288d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w5080020000558288,0
106. c18t5080020000558289d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w5080020000558289,0
107. c18t5080020000558290d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w5080020000558290,0
108. c18t5080020000558291d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w5080020000558291,0
109. c18t5080020000558292d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w5080020000558292,0
110. c18t5080020000558293d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>

/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w5080020000558293,0
111. c18t5080020000558284d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w5080020000558284,0
112. c19t508002000055820Ad0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w508002000055820a,0
113. c19t508002000055820Bd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w508002000055820b,0
114. c19t508002000055820Cd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w508002000055820c,0
115. c19t508002000055820Dd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w508002000055820d,0
116. c19t508002000055820Ed0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w508002000055820e,0
117. c19t508002000055820Fd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w508002000055820f,0
118. c19t5080020000558210d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w5080020000558210,0
119. c19t5080020000558211d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w5080020000558211,0
120. c19t5080020000558212d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w5080020000558212,0
121. c19t5080020000558213d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w5080020000558213,0
122. c19t5080020000558209d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w5080020000558209,0
123. c19t5080020000558208d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w5080020000558208,0
124. c19t5080020000558207d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w5080020000558207,0
125. c19t5080020000558206d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w5080020000558206,0
126. c19t5080020000558205d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w5080020000558205,0
127. c19t5080020000558204d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w5080020000558204,0
128. c19t5080020000558203d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w5080020000558203,0
129. c19t5080020000558202d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w5080020000558202,0
130. c19t5080020000558201d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w5080020000558201,0
131. c19t5080020000558200d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,340e@7/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w5080020000558200,0
132. c20t50800200005582C0d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582c0,0
133. c20t50800200005582C1d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582c1,0
134. c20t50800200005582C2d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582c2,0
135. c20t50800200005582C3d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582c3,0
136. c20t50800200005582C4d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582c4,0
137. c20t50800200005582C5d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582c5,0
138. c20t50800200005582C6d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582c6,0
139. c20t50800200005582C7d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582c7,0
140. c20t50800200005582C8d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582c8,0
141. c20t50800200005582C9d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582c9,0
142. c20t50800200005582CAd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582ca,0
143. c20t50800200005582CBd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582cb,0
144. c20t50800200005582CCd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582cc,0
145. c20t50800200005582CDd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582cd,0
146. c20t50800200005582CEd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582ce,0
147. c20t50800200005582CFd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582cf,0
148. c20t50800200005582D0d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582d0,0
149. c20t50800200005582D1d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582d1,0
150. c20t50800200005582D2d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582d2,0
151. c20t50800200005582D3d0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@2/pci1000,30b0@0/iport@f/disk@w50800200005582d3,0
152. c21t508002000055824Ad0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w508002000055824a,0
153. c21t508002000055824Bd0 <ATA-MARVELLSD88SA02-D129 cyl 23434 alt 2 hd 16 sec 128>
/pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,30b0@0/iport@f/disk@w508002000055824b,0

```
   154. c21t508002000055824Cd0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
        /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f/disk@w508002000055824c,0
   155. c21t508002000055824Dd0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
        /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f/disk@w508002000055824d,0
   156. c21t508002000055824Ed0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
        /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f/disk@w508002000055824e,0
   157. c21t508002000055824Fd0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
        /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f/disk@w508002000055824f,0
   158. c21t5080020000558245d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
        /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f/disk@w5080020000558245,0
   159. c21t5080020000558246d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
        /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f/disk@w5080020000558246,0
   160. c21t5080020000558247d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
        /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f/disk@w5080020000558247,0
   161. c21t5080020000558248d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
        /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f/disk@w5080020000558248,0
   162. c21t5080020000558249d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
        /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f/disk@w5080020000558249,0
   163. c21t5080020000558250d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
        /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f/disk@w5080020000558250,0
   164. c21t5080020000558251d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
        /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f/disk@w5080020000558251,0
   165. c21t5080020000558253d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
        /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f/disk@w5080020000558253,0
   166. c21t5080020000558244d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
        /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f/disk@w5080020000558244,0
   167. c21t5080020000558243d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
        /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f/disk@w5080020000558243,0
   168. c21t5080020000558242d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
        /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f/disk@w5080020000558242,0
   169. c21t5080020000558241d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
        /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f/disk@w5080020000558241,0
   170. c21t5080020000558240d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
        /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f/disk@w5080020000558240,0
   171. c21t5080020000558252d0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
        /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f/disk@w5080020000558252,0
Specify disk (enter its number):
```

format for sample FMod

```
12. c14t508002000055734Ad0 <ATA-MARVELLSD88SA02-D129 cyl
23434 alt 2 hd 16 sec 128>
        /pci@0,0/pci8086,3410@9/pci111d,806e@0/pci111d,806e@4/pci1000,
30b0@0/iport@f0/disk@w508002000055734a,0
Specify disk (enter its number): 12
selecting c14t508002000055734Ad0
[disk formatted]
selecting c14t508002000055734Ad0
[disk formatted]
/dev/dsk/c14t508002000055734Ad0s4 is part of SVM volume stripe:d0.
Please see metaclear(1M).
/dev/dsk/c14t508002000055734Ad0s5 is part of SVM volume stripe:d1.
Please see metaclear(1M).
/dev/dsk/c14t508002000055734Ad0s6 is part of SVM volume stripe:d2.
Please see metaclear(1M).
/dev/dsk/c14t508002000055734Ad0s7 is part of SVM volume stripe:d3.
Please see metaclear(1M).

FORMAT MENU:
        disk       - select a disk
        type       - select (define) a disk type
        partition  - select (define) a partition table
        current    - describe the current disk
        format     - format and analyze the disk
        fdisk      - run the fdisk program
        repair     - repair a defective sector
        label      - write label to the disk
        analyze    - surface analysis
        defect     - defect list management
        backup     - search for backup labels
        verify     - read and display labels
        save       - save new disk/partition definitions
        inquiry    - show vendor, product and revision
        volname    - set 8-character volume name
        !<cmd>     - execute <cmd>, then return
        quit
partition> p
Current partition table (original):
Total disk cylinders available: 23434 + 2 (reserved cylinders)
Part      Tag    Flag     Cylinders         Size
Blocks
  0 unassigned    wu       0               0
(0/0/0)            0
  1       swap    wu       1 -    49       49.00MB
(49/0/0)      100352
  2     backup    wu       0 - 23433       22.88GB
(23434/0/0) 47992832
  3 unassigned    wu       0               0
(0/0/0)            0
  4 unassigned    wm      50 -  5886       5.70GB
(5837/0/0)  11954176
  5 unassigned    wm    5887 - 11723       5.70GB
(5837/0/0)  11954176
  6        usr    wm   11724 - 17560       5.70GB
(5837/0/0)  11954176
  7 unassigned    wm   17561 - 23397       5.70GB
(5837/0/0)  11954176
  8       boot    wu       0 -     0       1.00MB
(1/0/0)         2048
  9 unassigned    wu       0               0
(0/0/0)            0
```

/etc/system

```
.......................................
                Oracle Solaris 11 Express snv_151a X86
     Copyright (c) 2010, Oracle and/or its affiliates.  All rights reserved.
                     Assembled 04 November 2010
.......................................
*ident      "%Z%%M%          %I%        %E% SMI" /* SVR4 1.5 */
*
* CDDL HEADER START
*
* The contents of this file are subject to the terms of the
* Common Development and Distribution License, Version 1.0 only
* (the "License").  You may not use this file except in compliance
* with the License.
*
* You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
* or http://www.opensolaris.org/os/licensing.
* See the License for the specific language governing permissions
* and limitations under the License.
*
* When distributing Covered Code, include this CDDL HEADER in each
* file and include the License file at usr/src/OPENSOLARIS.LICENSE.
* If applicable, add the following below this CDDL HEADER, with the
* fields enclosed by brackets "[]" replaced with your own identifying
* information: Portions Copyright [yyyy] [name of copyright owner]
*
* CDDL HEADER END
*
*
* SYSTEM SPECIFICATION FILE
*
```

```
* moddir:
*
*       Set the search path for modules.  This has a format similar to the
*       csh path variable. If the module isn't found in the first directory
*       it tries the second and so on. The default is /kernel /usr/kernel
*
*       Example:
*               moddir: /kernel /usr/kernel /other/modules
*
*
* root device and root filesystem configuration:
*
*       The following may be used to override the defaults provided by
*       the boot program:
*
*       rootfs:         Set the filesystem type of the root.
*
*       rootdev:    Set the root device.  This should be a fully
*                       expanded physical pathname.  The default is
the
*                       physical pathname of the device where the
boot
*                       program resides.  The physical pathname is
*                       highly platform and configuration
dependent.
*
*       Example:
*               rootfs:ufs
*               rootdev:/sbus@1,f8000000/esp@0,800000/sd@3,0:a
*
*       (Swap device configuration should be specified in /etc/vfstab.)
*
*
* exclude:
*
*       Modules appearing in the moddir path which are NOT to be
loaded,
*       even if referenced. Note that `exclude' accepts either a module
name,
*       or a filename which includes the directory.
*
*       Examples:
*               exclude: win
*               exclude: sys/shmsys
*
*
* forceload:
*
*       Cause these modules to be loaded at boot time, (just before
mounting
*       the root filesystem) rather than at first reference. Note that
*       forceload expects a filename which includes the directory. Also
*       note that loading a module does not necessarily imply that it will
*       be installed.
*
*       Example:
*               forceload: drv/foo
*
* set:
*
*       Set an integer variable in the kernel or a module to a new value.
*       This facility should be used with caution.  See system(4).
*
*       Examples:
*
*       To set variables in 'unix':
*
*               set nautopush=32
*               set maxusers=40
*
*       To set a variable named 'debug' in the module named 'test_module'
*
*               set test_module:debug = 0x13
exclude: ehci
exclude: uhci
set autoup=300
.......................................
```

mpt.conf

```
#
# Copyright 2008 Sun Microsystems, Inc.  All rights reserved.
# Use is subject to license terms.
#
#
# The mpt driver, as a pHCI driver, must specify the vHCI class it
# belongs to(scsi_vhci).
#
ddi-vhci-class="scsi_vhci";
#
# I/O multipathing feature (MPxIO) can be enabled or disabled using
# mpxio-disable property. Setting mpxio-disable="no" will activate
# I/O multipathing; setting mpxio-disable="yes" disables the feature.
#
# Global mpxio-disable property:
#
# To globally enable MPxIO on all mpt controllers set:
# mpxio-disable="no";
#
# To globally disable MPxIO on all mpt controllers set:
# mpxio-disable="yes";
#
# You can also enable or disable MPxIO on a per HBA basis.
# Per HBA settings override the global setting for the specified HBAs.
# To disable MPxIO on a controller whose parent is /pci@7c0/pci@0/pci@9
# and the unit-address is "0" set:
# name="mpt" parent="/pci@7c0/pci@0/pci@9" unit-address="0" mpxio-
disable="yes";
#
mpxio-disable="yes";
#
# SATA mpxio supported
#
# To disable SATA mpxio, set
# disable-sata-mpxio="yes";
# When mpxio-disable="yes" is set, the disable-sata-mpxio property
# takes no effect
#
disable-sata-mpxio="no";
.......................................
system:0::::
user.root:1::::
noproject:2::::
default:3::::
group.staff:10::::
.......................................
```

List all Software Volumes and COMSTAR LUNS

.....

This lists the attached storage (format) for DATA COMSTAR unit ...

.....

sbadm list-lu

```
Found 183 LU(s)

                GUID                DATA SIZE         SOURCE
--------------------------------  -------------------  ----------------
600144f0e18d8e00000000000d01d101  1680801792
/dev/md/rdsk/d101
600144f0e18d8e00000000000d01d102  16643981312
/dev/md/rdsk/d102
600144f0e18d8e00000000000d01d103  16643981312
/dev/md/rdsk/d103
600144f0e18d8e00000000000d01d104  16643981312
/dev/md/rdsk/d104
600144f0e18d8e00000000000d01d105  16643981312
/dev/md/rdsk/d105
600144f0e18d8e00000000000d01d106  16643981312
/dev/md/rdsk/d106
600144f0e18d8e00000000000d01d107  16643981312
/dev/md/rdsk/d107
600144f0e18d8e00000000000d01d108  16643981312
/dev/md/rdsk/d108
600144f0e18d8e00000000000d01d109  16643981312
/dev/md/rdsk/d109
600144f0e18d8e00000000000d01d110  16643981312
/dev/md/rdsk/d110
600144f0e18d8e00000000000d01d111  16643981312
/dev/md/rdsk/d111
600144f0e18d8e00000000000d01d112  16643981312
/dev/md/rdsk/d112
600144f0e18d8e00000000000d01d113  16643981312
/dev/md/rdsk/d113
600144f0e18d8e00000000000d01d114  16643981312
```

/dev/md/rdsk/d114
600144f0e18d8e00000000000d01d115 16643981312
/dev/md/rdsk/d115
600144f0e18d8e00000000000d01d116 16643981312
/dev/md/rdsk/d116
600144f0e18d8e00000000000d01d117 16643981312
/dev/md/rdsk/d117
600144f0e18d8e00000000000d01d118 16643981312
/dev/md/rdsk/d118
600144f0e18d8e00000000000d01d119 16643981312
/dev/md/rdsk/d119
600144f0e18d8e00000000000d01d120 16643981312
/dev/md/rdsk/d120
600144f0e18d8e00000000000d01d121 16643981312
/dev/md/rdsk/d121
600144f0e18d8e00000000000d01d122 16643981312
/dev/md/rdsk/d122
600144f0e18d8e00000000000d01d123 16643981312
/dev/md/rdsk/d123
600144f0e18d8e00000000000d01d124 16643981312
/dev/md/rdsk/d124
600144f0e18d8e00000000000d01d125 16643981312
/dev/md/rdsk/d125
600144f0e18d8e00000000000d01d126 16643981312
/dev/md/rdsk/d126
600144f0e18d8e00000000000d01d127 16643981312
/dev/md/rdsk/d127
600144f0e18d8e00000000000d01d128 16643981312
/dev/md/rdsk/d128
600144f0e18d8e00000000000d01d129 16643981312
/dev/md/rdsk/d129
600144f0e18d8e00000000000d01d130 16643981312
/dev/md/rdsk/d130
600144f0e18d8e00000000000d01d131 16643981312
/dev/md/rdsk/d131
600144f0e18d8e00000000000d01d132 16643981312
/dev/md/rdsk/d132
600144f0e18d8e00000000000d01d133 16643981312
/dev/md/rdsk/d133
600144f0e18d8e00000000000d01d134 16643981312
/dev/md/rdsk/d134
600144f0e18d8e00000000000d01d135 16643981312
/dev/md/rdsk/d135
600144f0e18d8e00000000000d01d136 16643981312
/dev/md/rdsk/d136
600144f0e18d8e00000000000d01d137 16643981312
/dev/md/rdsk/d137
600144f0e18d8e00000000000d01d138 16643981312
/dev/md/rdsk/d138
600144f0e18d8e00000000000d01d139 16643981312
/dev/md/rdsk/d139
600144f0e18d8e00000000000d01d140 16643981312
/dev/md/rdsk/d140
600144f0e18d8e00000000000d01d141 16643981312
/dev/md/rdsk/d141
600144f0e18d8e00000000000d01d142 16643981312
/dev/md/rdsk/d142
600144f0e18d8e00000000000d01d143 16643981312
/dev/md/rdsk/d143
600144f0e18d8e00000000000d01d144 16643981312
/dev/md/rdsk/d144
600144f0e18d8e00000000000d01d145 16643981312
/dev/md/rdsk/d145
600144f0e18d8e00000000000d01d146 16643981312
/dev/md/rdsk/d146
600144f0e18d8e00000000000d01d147 16643981312
/dev/md/rdsk/d147
600144f0e18d8e00000000000d01d148 16643981312
/dev/md/rdsk/d148
600144f0e18d8e00000000000d01d149 16643981312
/dev/md/rdsk/d149
600144f0e18d8e00000000000d01d150 16643981312
/dev/md/rdsk/d150
600144f0e18d8e00000000000d01d151 16643981312
/dev/md/rdsk/d151
600144f0e18d8e00000000000d01d152 16643981312
/dev/md/rdsk/d152
600144f0e18d8e00000000000d01d153 16643981312
/dev/md/rdsk/d153
600144f0e18d8e00000000000d01d154 16643981312
/dev/md/rdsk/d154
600144f0e18d8e00000000000d01d155 16643981312
/dev/md/rdsk/d155
600144f0e18d8e00000000000d01d156 16643981312
/dev/md/rdsk/d156
600144f0e18d8e00000000000d01d157 16643981312
/dev/md/rdsk/d157
600144f0e18d8e00000000000d01d158 12575506432
/dev/md/rdsk/d158
600144f0e18d8e00000000000d01d159 12575506432
/dev/md/rdsk/d159
600144f0e18d8e00000000000d01d160 12575506432
/dev/md/rdsk/d160
600144f0e18d8e00000000000d01d161 12575506432
/dev/md/rdsk/d161
600144f0e18d8e00000000000d01d162 12575506432
/dev/md/rdsk/d162
600144f0e18d8e00000000000d01d163 12575506432
/dev/md/rdsk/d163
600144f0e18d8e00000000000d01d164 12575506432
/dev/md/rdsk/d164
600144f0e18d8e00000000000d01d165 12575506432
/dev/md/rdsk/d165
600144f0e18d8e00000000000d01d166 16539123712
/dev/md/rdsk/d166
600144f0e18d8e00000000000d01d167 16539123712
/dev/md/rdsk/d167
600144f0e18d8e00000000000d01d168 16539123712
/dev/md/rdsk/d168
600144f0e18d8e00000000000d01d169 16539123712
/dev/md/rdsk/d169
600144f0e18d8e00000000000d01d170 16539123712
/dev/md/rdsk/d170
600144f0e18d8e00000000000d01d171 16539123712
/dev/md/rdsk/d171
600144f0e18d8e00000000000d01d172 16539123712
/dev/md/rdsk/d172
600144f0e18d8e00000000000d01d173 16539123712
/dev/md/rdsk/d173
600144f0e18d8e00000000000d01d174 16539123712
/dev/md/rdsk/d174
600144f0e18d8e00000000000d01d175 16539123712
/dev/md/rdsk/d175
600144f0e18d8e00000000000d01d176 16539123712
/dev/md/rdsk/d176
600144f0e18d8e00000000000d01d177 16539123712
/dev/md/rdsk/d177
600144f0e18d8e00000000000d01d178 16539123712
/dev/md/rdsk/d178
600144f0e18d8e00000000000d01d179 16539123712
/dev/md/rdsk/d179
600144f0e18d8e00000000000d01d180 16539123712
/dev/md/rdsk/d180
600144f0e18d8e00000000000d01d181 16539123712
/dev/md/rdsk/d181
600144f0e18d8e00000000000d01d182 16539123712
/dev/md/rdsk/d182
600144f0e18d8e00000000000d01d183 16539123712
/dev/md/rdsk/d183
600144f0e18d8e00000000000d01d184 16539123712
/dev/md/rdsk/d184
600144f0e18d8e00000000000d01d185 16539123712
/dev/md/rdsk/d185
600144f0e18d8e00000000000d01d186 16539123712
/dev/md/rdsk/d186
600144f0e18d8e00000000000d01d187 16539123712
/dev/md/rdsk/d187
600144f0e18d8e00000000000d01d188 16539123712
/dev/md/rdsk/d188
600144f0e18d8e00000000000d01d189 16539123712
/dev/md/rdsk/d189
600144f0e18d8e00000000000d01d190 16539123712
/dev/md/rdsk/d190
600144f0e18d8e00000000000d01d191 16539123712
/dev/md/rdsk/d191
600144f0e18d8e00000000000d01d192 16539123712
/dev/md/rdsk/d192
600144f0e18d8e00000000000d01d193 16539123712
/dev/md/rdsk/d193
600144f0e18d8e00000000000d01d194 16539123712
/dev/md/rdsk/d194
600144f0e18d8e00000000000d01d195 16539123712
/dev/md/rdsk/d195
600144f0e18d8e00000000000d01d196 16539123712
/dev/md/rdsk/d196
600144f0e18d8e00000000000d01d197 16539123712
/dev/md/rdsk/d197
600144f0e18d8e00000000000d01d198 16539123712
/dev/md/rdsk/d198
600144f0e18d8e00000000000d01d199 16539123712
/dev/md/rdsk/d199
600144f0e18d8e00000000000d01d200 16539123712
/dev/md/rdsk/d200
600144f0e18d8e00000000000d01d201 16539123712

```
/dev/md/rdsk/d201
600144f0e18d8e00000000000d01d202  16539123712
/dev/md/rdsk/d202
600144f0e18d8e00000000000d01d203  16539123712
/dev/md/rdsk/d203
600144f0e18d8e00000000000d01d204  16539123712
/dev/md/rdsk/d204
600144f0e18d8e00000000000d01d205  16539123712
/dev/md/rdsk/d205
600144f0e18d8e00000000000d01d206  16539123712
/dev/md/rdsk/d206
600144f0e18d8e00000000000d01d207  16539123712
/dev/md/rdsk/d207
600144f0e18d8e00000000000d01d208  16539123712
/dev/md/rdsk/d208
600144f0e18d8e00000000000d01d209  16539123712
/dev/md/rdsk/d209
600144f0e18d8e00000000000d01d210  16539123712
/dev/md/rdsk/d210
600144f0e18d8e00000000000d01d211  16539123712
/dev/md/rdsk/d211
600144f0e18d8e00000000000d01d212  16539123712
/dev/md/rdsk/d212
600144f0e18d8e00000000000d01d213  16539123712
/dev/md/rdsk/d213
600144f0e18d8e00000000000d01d214  16539123712
/dev/md/rdsk/d214
600144f0e18d8e00000000000d01d215  16539123712
/dev/md/rdsk/d215
600144f0e18d8e00000000000d01d216  16539123712
/dev/md/rdsk/d216
600144f0e18d8e00000000000d01d217  16539123712
/dev/md/rdsk/d217
600144f0e18d8e00000000000d01d218  16539123712
/dev/md/rdsk/d218
600144f0e18d8e00000000000d01d219  16539123712
/dev/md/rdsk/d219
600144f0e18d8e00000000000d01d220  16539123712
/dev/md/rdsk/d220
600144f0e18d8e00000000000d01d221  16539123712
/dev/md/rdsk/d221
600144f0e18d8e00000000000d01d222  16539123712
/dev/md/rdsk/d222
600144f0e18d8e00000000000d01d223  16539123712
/dev/md/rdsk/d223
600144f0e18d8e00000000000d01d224  16539123712
/dev/md/rdsk/d224
600144f0e18d8e00000000000d01d225  16539123712
/dev/md/rdsk/d225
600144f0e18d8e00000000000d01d226  16539123712
/dev/md/rdsk/d226
600144f0e18d8e00000000000d01d227  16539123712
/dev/md/rdsk/d227
600144f0e18d8e00000000000d01d228  16539123712
/dev/md/rdsk/d228
600144f0e18d8e00000000000d01d229  16539123712
/dev/md/rdsk/d229
600144f0e18d8e00000000000d01d230  16539123712
/dev/md/rdsk/d230
600144f0e18d8e00000000000d01d231  16539123712
/dev/md/rdsk/d231
600144f0e18d8e00000000000d01d232  16539123712
/dev/md/rdsk/d232
600144f0e18d8e00000000000d01d233  16539123712
/dev/md/rdsk/d233
600144f0e18d8e00000000000d01d234  16539123712
/dev/md/rdsk/d234
600144f0e18d8e00000000000d01d235  16539123712
/dev/md/rdsk/d235
600144f0e18d8e00000000000d01d236  16539123712
/dev/md/rdsk/d236
600144f0e18d8e00000000000d01d237  16539123712
/dev/md/rdsk/d237
600144f0e18d8e00000000000d01d238  67929833472
/dev/md/rdsk/d238
600144f0e18d8e00000000000d01d239  67929833472
/dev/md/rdsk/d239
600144f0e18d8e00000000000d01d240  67929833472
/dev/md/rdsk/d240
600144f0e18d8e00000000000d01d241  67929833472
/dev/md/rdsk/d241
600144f0e18d8e00000000000d01d242  67929833472
/dev/md/rdsk/d242
600144f0e18d8e00000000000d01d243  67929833472
/dev/md/rdsk/d243
600144f0e18d8e00000000000d01d244  67929833472
/dev/md/rdsk/d244
600144f0e18d8e00000000000d01d245  67929833472
/dev/md/rdsk/d245
600144f0e18d8e00000000000d01d246  67929833472
/dev/md/rdsk/d246
600144f0e18d8e00000000000d01d247  67929833472
/dev/md/rdsk/d247
600144f0e18d8e00000000000d01d248  67929833472
/dev/md/rdsk/d248
600144f0e18d8e00000000000d01d249  67929833472
/dev/md/rdsk/d249
600144f0e18d8e00000000000d01d250  67929833472
/dev/md/rdsk/d250
600144f0e18d8e00000000000d01d251  67929833472
/dev/md/rdsk/d251
600144f0e18d8e00000000000d01d252  67929833472
/dev/md/rdsk/d252
600144f0e18d8e00000000000d01d253  67929833472
/dev/md/rdsk/d253
600144f0e18d8e00000000000d01d254  67929833472
/dev/md/rdsk/d254
600144f0e18d8e00000000000d01d255  67929833472
/dev/md/rdsk/d255
600144f0e18d8e00000000000d01d256  67929833472
/dev/md/rdsk/d256
600144f0e18d8e00000000000d01d257  67929833472
/dev/md/rdsk/d257
600144f0e18d8e00000000000d01d258  3337551872
/dev/md/rdsk/d258
600144f0e18d8e00000000000d01d259  3337551872
/dev/md/rdsk/d259
600144f0e18d8e00000000000d01d260  3337551872
/dev/md/rdsk/d260
600144f0e18d8e00000000000d01d261  3337551872
/dev/md/rdsk/d261
600144f0e18d8e00000000000d01d262  7689142272
/dev/md/rdsk/d262
600144f0e18d8e00000000000d01d263  7689142272
/dev/md/rdsk/d263
600144f0e18d8e00000000000d01d264  7689142272
/dev/md/rdsk/d264
600144f0e18d8e00000000000d01d265  7689142272
/dev/md/rdsk/d265
600144f0e18d8e00000000000d01d266  15972892672
/dev/md/rdsk/d266
600144f0e18d8e00000000000d01d267  15972892672
/dev/md/rdsk/d267
600144f0e18d8e00000000000d01d268  15972892672
/dev/md/rdsk/d268
600144f0e18d8e00000000000d01d269  15972892672
/dev/md/rdsk/d269
600144f0e18d8e00000000000d01d270  21446459392
/dev/md/rdsk/d270
600144f0e18d8e00000000000d01d271  21446459392
/dev/md/rdsk/d271
600144f0e18d8e00000000000d01d272  21446459392
/dev/md/rdsk/d272
600144f0e18d8e00000000000d01d273  21446459392
/dev/md/rdsk/d273
600144f0e18d8e00000000000d01d274  8192458752
/dev/md/rdsk/d274
600144f0e18d8e00000000000d01d275  8192458752
/dev/md/rdsk/d275
600144f0e18d8e00000000000d01d276  8192458752
/dev/md/rdsk/d276
600144f0e18d8e00000000000d01d277  8192458752
/dev/md/rdsk/d277
600144f0e18d8e00000000000d01d278  8192458752
/dev/md/rdsk/d278
600144f0e18d8e00000000000d01d279  8192458752
/dev/md/rdsk/d279
600144f0e18d8e00000000000d01d280  8192458752
/dev/md/rdsk/d280
600144f0e18d8e00000000000d01d281  8192458752
/dev/md/rdsk/d281
600144f0e18d8e00000000000d01d282  422510592          /dev/md/rdsk/d282
600144f0e18d8e00000000000d01d283  8192458752
/dev/md/rdsk/d283
.......................................
```

metastat

```
d3299 -p /dev/md/rdsk/d8004 -o 2998871040 -b 16001024
d8004 -m /dev/md/rdsk/d8018 /dev/md/rdsk/d8019 0
d8018 1 1 /dev/rdsk/c7t10d0s6
d8019 1 1 /dev/rdsk/c7t11d0s6
d282 -p /dev/md/rdsk/d2 -o 1875703296 -b 825344
```

```
d2 1 160 /dev/rdsk/c18t508002000055828Ad0s6
/dev/rdsk/c20t50800200005582C0d0s6
/dev/rdsk/c14t508002000055734Ad0s6
/dev/rdsk/c16t50800200005573C0d0s6
/dev/rdsk/c18t508002000055828Bd0s6
/dev/rdsk/c20t50800200005582C1d0s6
/dev/rdsk/c14t508002000055734Bd0s6
/dev/rdsk/c16t50800200005573C1d0s6
/dev/rdsk/c18t508002000055828Cd0s6
/dev/rdsk/c20t50800200005582C2d0s6
/dev/rdsk/c14t508002000055734Cd0s6
/dev/rdsk/c16t50800200005573C2d0s6
/dev/rdsk/c18t508002000055828Dd0s6
/dev/rdsk/c20t50800200005582C3d0s6
/dev/rdsk/c14t508002000055734Dd0s6
/dev/rdsk/c16t50800200005573C3d0s6
/dev/rdsk/c18t508002000055828Ed0s6
/dev/rdsk/c20t50800200005582C4d0s6
/dev/rdsk/c14t508002000055734Ed0s6
/dev/rdsk/c16t50800200005573C4d0s6
/dev/rdsk/c18t508002000055828Fd0s6
/dev/rdsk/c20t50800200005582C5d0s6
/dev/rdsk/c14t508002000055734Fd0s6
/dev/rdsk/c16t50800200005573C5d0s6
/dev/rdsk/c18t5080020000558280d0s6
/dev/rdsk/c20t50800200005582C6d0s6
/dev/rdsk/c14t5080020000557350d0s6
/dev/rdsk/c16t50800200005573C6d0s6
/dev/rdsk/c18t5080020000558281d0s6
/dev/rdsk/c20t50800200005582C7d0s6
/dev/rdsk/c14t5080020000557351d0s6
/dev/rdsk/c16t50800200005573C7d0s6
/dev/rdsk/c18t5080020000558282d0s6
/dev/rdsk/c20t50800200005582C8d0s6
/dev/rdsk/c14t5080020000557352d0s6
/dev/rdsk/c16t50800200005573C8d0s6
/dev/rdsk/c18t5080020000558283d0s6
/dev/rdsk/c20t50800200005582C9d0s6
/dev/rdsk/c14t5080020000557353d0s6
/dev/rdsk/c16t50800200005573C9d0s6
/dev/rdsk/c18t5080020000558285d0s6
/dev/rdsk/c20t50800200005582CAd0s6
/dev/rdsk/c14t5080020000557347d0s6
/dev/rdsk/c16t50800200005573CAd0s6
/dev/rdsk/c18t5080020000558286d0s6
/dev/rdsk/c20t50800200005582CBd0s6
/dev/rdsk/c14t5080020000557340d0s6
/dev/rdsk/c16t50800200005573CBd0s6
/dev/rdsk/c18t5080020000558287d0s6
/dev/rdsk/c20t50800200005582CCd0s6
/dev/rdsk/c14t5080020000557341d0s6
/dev/rdsk/c16t50800200005573CCd0s6
/dev/rdsk/c18t5080020000558288d0s6
/dev/rdsk/c20t50800200005582CDd0s6
/dev/rdsk/c14t5080020000557342d0s6
/dev/rdsk/c16t50800200005573CDd0s6
/dev/rdsk/c18t5080020000558289d0s6
/dev/rdsk/c20t50800200005582CEd0s6
/dev/rdsk/c14t5080020000557343d0s6
/dev/rdsk/c16t50800200005573CEd0s6
/dev/rdsk/c18t5080020000558290d0s6
/dev/rdsk/c20t50800200005582CFd0s6
/dev/rdsk/c14t5080020000557344d0s6
/dev/rdsk/c16t50800200005573CFd0s6
/dev/rdsk/c18t5080020000558291d0s6
/dev/rdsk/c20t50800200005582D0d0s6
/dev/rdsk/c14t5080020000557345d0s6
/dev/rdsk/c16t50800200005573D0d0s6
/dev/rdsk/c18t5080020000558292d0s6
/dev/rdsk/c20t50800200005582D1d0s6
/dev/rdsk/c14t5080020000557346d0s6
/dev/rdsk/c16t50800200005573D1d0s6
/dev/rdsk/c18t5080020000558293d0s6
/dev/rdsk/c20t50800200005582D2d0s6
/dev/rdsk/c14t5080020000557349d0s6
/dev/rdsk/c16t50800200005573D2d0s6
/dev/rdsk/c18t5080020000558284d0s6
/dev/rdsk/c20t50800200005582D3d0s6
/dev/rdsk/c14t5080020000557348d0s6
/dev/rdsk/c16t50800200005573D3d0s6
/dev/rdsk/c19t508002000055820Ad0s6
/dev/rdsk/c21t508002000055824Ad0s6
/dev/rdsk/c15t508002000055738Ad0s6
/dev/rdsk/c17t508002000055730Ad0s6
/dev/rdsk/c19t508002000055820Bd0s6
/dev/rdsk/c21t508002000055824Bd0s6
/dev/rdsk/c15t508002000055738Bd0s6
/dev/rdsk/c17t508002000055730Bd0s6
/dev/rdsk/c19t508002000055820Cd0s6
/dev/rdsk/c21t508002000055824Cd0s6
/dev/rdsk/c15t508002000055738Cd0s6
/dev/rdsk/c17t508002000055730Cd0s6
/dev/rdsk/c19t508002000055820Dd0s6
/dev/rdsk/c21t508002000055824Dd0s6
/dev/rdsk/c15t508002000055738Dd0s6
/dev/rdsk/c17t508002000055730Dd0s6
/dev/rdsk/c19t508002000055820Ed0s6
/dev/rdsk/c21t508002000055824Ed0s6
/dev/rdsk/c15t508002000055738Ed0s6
/dev/rdsk/c17t508002000055730Ed0s6
/dev/rdsk/c19t508002000055820Fd0s6
/dev/rdsk/c21t508002000055824Fd0s6
/dev/rdsk/c15t508002000055738Fd0s6
/dev/rdsk/c17t508002000055730Fd0s6
/dev/rdsk/c19t5080020000558210d0s6
/dev/rdsk/c21t5080020000558245d0s6
/dev/rdsk/c15t5080020000557393d0s6
/dev/rdsk/c17t5080020000557300d0s6
/dev/rdsk/c19t5080020000558211d0s6
/dev/rdsk/c21t5080020000558246d0s6
/dev/rdsk/c15t5080020000557380d0s6
/dev/rdsk/c17t5080020000557306d0s6
/dev/rdsk/c19t5080020000558212d0s6
/dev/rdsk/c21t5080020000558247d0s6
/dev/rdsk/c15t5080020000557388d0s6
/dev/rdsk/c17t5080020000557307d0s6
/dev/rdsk/c19t5080020000558213d0s6
/dev/rdsk/c21t5080020000558248d0s6
/dev/rdsk/c15t5080020000557387d0s6
/dev/rdsk/c17t5080020000557308d0s6
/dev/rdsk/c19t5080020000558209d0s6
/dev/rdsk/c21t5080020000558249d0s6
/dev/rdsk/c15t5080020000557386d0s6
/dev/rdsk/c17t5080020000557309d0s6
/dev/rdsk/c19t5080020000558208d0s6
/dev/rdsk/c21t5080020000558250d0s6
/dev/rdsk/c15t5080020000557389d0s6
/dev/rdsk/c17t5080020000557311d0s6
/dev/rdsk/c19t5080020000558207d0s6
/dev/rdsk/c21t5080020000558251d0s6
/dev/rdsk/c15t5080020000557384d0s6
/dev/rdsk/c17t5080020000557312d0s6
/dev/rdsk/c19t5080020000558206d0s6
/dev/rdsk/c21t5080020000558253d0s6
/dev/rdsk/c15t5080020000557383d0s6
/dev/rdsk/c17t5080020000557313d0s6
/dev/rdsk/c19t5080020000558205d0s6
/dev/rdsk/c21t5080020000558244d0s6
/dev/rdsk/c15t5080020000557382d0s6
/dev/rdsk/c17t5080020000557305d0s6
/dev/rdsk/c19t5080020000558204d0s6
/dev/rdsk/c21t5080020000558243d0s6
/dev/rdsk/c15t5080020000557385d0s6
/dev/rdsk/c17t5080020000557304d0s6
/dev/rdsk/c19t5080020000558203d0s6
/dev/rdsk/c21t5080020000558242d0s6
/dev/rdsk/c15t5080020000557390d0s6
/dev/rdsk/c17t5080020000557303d0s6
/dev/rdsk/c19t5080020000558202d0s6
/dev/rdsk/c21t5080020000558241d0s6
/dev/rdsk/c15t5080020000557391d0s6
/dev/rdsk/c17t5080020000557310d0s6
/dev/rdsk/c19t5080020000558201d0s6
/dev/rdsk/c21t5080020000558240d0s6
/dev/rdsk/c15t5080020000557392d0s6
/dev/rdsk/c17t5080020000557301d0s6
/dev/rdsk/c19t5080020000558200d0s6
/dev/rdsk/c21t5080020000558252d0s6
/dev/rdsk/c15t5080020000557381d0s6
/dev/rdsk/c17t5080020000557302d0s6 -i 256b
d281 -p /dev/md/rdsk/d1 -o 1875703296 -b 16001024
d1 1 160 /dev/rdsk/c16t50800200005573C0d0s5
/dev/rdsk/c18t508002000055828Ad0s5
/dev/rdsk/c20t50800200005582C0d0s5
/dev/rdsk/c14t508002000055734Ad0s5
/dev/rdsk/c16t50800200005573C1d0s5
/dev/rdsk/c18t508002000055828Bd0s5
/dev/rdsk/c20t50800200005582C1d0s5
/dev/rdsk/c14t508002000055734Bd0s5
/dev/rdsk/c16t50800200005573C2d0s5
/dev/rdsk/c18t508002000055828Cd0s5
/dev/rdsk/c20t50800200005582C2d0s5
/dev/rdsk/c14t508002000055734Cd0s5
/dev/rdsk/c16t50800200005573C3d0s5
```

```
/dev/rdsk/c18t508002000055828Dd0s5
/dev/rdsk/c20t50800200005582C3d0s5
/dev/rdsk/c14t508002000055734Dd0s5
/dev/rdsk/c16t50800200005573C4d0s5
/dev/rdsk/c18t508002000055828Ed0s5
/dev/rdsk/c20t50800200005582C4d0s5
/dev/rdsk/c14t508002000055734Ed0s5
/dev/rdsk/c16t50800200005573C5d0s5
/dev/rdsk/c18t508002000055828Fd0s5
/dev/rdsk/c20t50800200005582C5d0s5
/dev/rdsk/c14t508002000055734Fd0s5
/dev/rdsk/c16t50800200005573C6d0s5
/dev/rdsk/c18t5080020000558280d0s5
/dev/rdsk/c20t50800200005582C6d0s5
/dev/rdsk/c14t5080020000557350d0s5
/dev/rdsk/c16t50800200005573C7d0s5
/dev/rdsk/c18t5080020000558281d0s5
/dev/rdsk/c20t50800200005582C7d0s5
/dev/rdsk/c14t5080020000557351d0s5
/dev/rdsk/c16t50800200005573C8d0s5
/dev/rdsk/c18t5080020000558282d0s5
/dev/rdsk/c20t50800200005582C8d0s5
/dev/rdsk/c14t5080020000557352d0s5
/dev/rdsk/c16t50800200005573C9d0s5
/dev/rdsk/c18t5080020000558283d0s5
/dev/rdsk/c20t50800200005582C9d0s5
/dev/rdsk/c14t5080020000557353d0s5
/dev/rdsk/c16t50800200005573CAd0s5
/dev/rdsk/c18t5080020000558285d0s5
/dev/rdsk/c20t50800200005582CAd0s5
/dev/rdsk/c14t5080020000557347d0s5
/dev/rdsk/c16t50800200005573CBd0s5
/dev/rdsk/c18t5080020000558286d0s5
/dev/rdsk/c20t50800200005582CBd0s5
/dev/rdsk/c14t5080020000557340d0s5
/dev/rdsk/c16t50800200005573CCd0s5
/dev/rdsk/c18t5080020000558287d0s5
/dev/rdsk/c20t50800200005582CCd0s5
/dev/rdsk/c14t5080020000557341d0s5
/dev/rdsk/c16t50800200005573CDd0s5
/dev/rdsk/c18t5080020000558288d0s5
/dev/rdsk/c20t50800200005582CDd0s5
/dev/rdsk/c14t5080020000557342d0s5
/dev/rdsk/c16t50800200005573CEd0s5
/dev/rdsk/c18t5080020000558289d0s5
/dev/rdsk/c20t50800200005582CEd0s5
/dev/rdsk/c14t5080020000557343d0s5
/dev/rdsk/c16t50800200005573CFd0s5
/dev/rdsk/c18t5080020000558290d0s5
/dev/rdsk/c20t50800200005582CFd0s5
/dev/rdsk/c14t5080020000557344d0s5
/dev/rdsk/c16t50800200005573D0d0s5
/dev/rdsk/c18t5080020000558291d0s5
/dev/rdsk/c20t50800200005582D0d0s5
/dev/rdsk/c14t5080020000557345d0s5
/dev/rdsk/c16t50800200005573D1d0s5
/dev/rdsk/c18t5080020000558292d0s5
/dev/rdsk/c20t50800200005582D1d0s5
/dev/rdsk/c14t5080020000557346d0s5
/dev/rdsk/c16t50800200005573D2d0s5
/dev/rdsk/c18t5080020000558293d0s5
/dev/rdsk/c20t50800200005582D2d0s5
/dev/rdsk/c14t5080020000557349d0s5
/dev/rdsk/c16t50800200005573D3d0s5
/dev/rdsk/c18t5080020000558284d0s5
/dev/rdsk/c20t50800200005582D3d0s5
/dev/rdsk/c14t5080020000557348d0s5
/dev/rdsk/c17t508002000055730Ad0s5
/dev/rdsk/c19t508002000055820Ad0s5
/dev/rdsk/c21t508002000055824Ad0s5
/dev/rdsk/c15t508002000055738Ad0s5
/dev/rdsk/c17t508002000055730Bd0s5
/dev/rdsk/c19t508002000055820Bd0s5
/dev/rdsk/c21t508002000055824Bd0s5
/dev/rdsk/c15t508002000055738Bd0s5
/dev/rdsk/c17t508002000055730Cd0s5
/dev/rdsk/c19t508002000055820Cd0s5
/dev/rdsk/c21t508002000055824Cd0s5
/dev/rdsk/c15t508002000055738Cd0s5
/dev/rdsk/c17t508002000055730Dd0s5
/dev/rdsk/c19t508002000055820Dd0s5
/dev/rdsk/c21t508002000055824Dd0s5
/dev/rdsk/c15t508002000055738Dd0s5
/dev/rdsk/c17t508002000055730Ed0s5
/dev/rdsk/c19t508002000055820Ed0s5
/dev/rdsk/c21t508002000055824Ed0s5
/dev/rdsk/c15t508002000055738Ed0s5
/dev/rdsk/c17t508002000055730Fd0s5
/dev/rdsk/c19t508002000055820Fd0s5
/dev/rdsk/c21t508002000055824Fd0s5
/dev/rdsk/c15t508002000055738Fd0s5
/dev/rdsk/c17t5080020000557300d0s5
/dev/rdsk/c19t5080020000558210d0s5
/dev/rdsk/c21t5080020000558245d0s5
/dev/rdsk/c15t5080020000557393d0s5
/dev/rdsk/c17t5080020000557306d0s5
/dev/rdsk/c19t5080020000558211d0s5
/dev/rdsk/c21t5080020000558246d0s5
/dev/rdsk/c15t5080020000557380d0s5
/dev/rdsk/c17t5080020000557307d0s5
/dev/rdsk/c19t5080020000558212d0s5
/dev/rdsk/c21t5080020000558247d0s5
/dev/rdsk/c15t5080020000557388d0s5
/dev/rdsk/c17t5080020000557308d0s5
/dev/rdsk/c19t5080020000558213d0s5
/dev/rdsk/c21t5080020000558248d0s5
/dev/rdsk/c15t5080020000557387d0s5
/dev/rdsk/c17t5080020000557309d0s5
/dev/rdsk/c19t5080020000558209d0s5
/dev/rdsk/c21t5080020000558249d0s5
/dev/rdsk/c15t5080020000557386d0s5
/dev/rdsk/c17t5080020000557311d0s5
/dev/rdsk/c19t5080020000558208d0s5
/dev/rdsk/c21t5080020000558250d0s5
/dev/rdsk/c15t5080020000557389d0s5
/dev/rdsk/c17t5080020000557312d0s5
/dev/rdsk/c19t5080020000558207d0s5
/dev/rdsk/c21t5080020000558251d0s5
/dev/rdsk/c15t5080020000557384d0s5
/dev/rdsk/c17t5080020000557313d0s5
/dev/rdsk/c19t5080020000558206d0s5
/dev/rdsk/c21t5080020000558253d0s5
/dev/rdsk/c15t5080020000557383d0s5
/dev/rdsk/c17t5080020000557305d0s5
/dev/rdsk/c19t5080020000558205d0s5
/dev/rdsk/c21t5080020000558244d0s5
/dev/rdsk/c15t5080020000557382d0s5
/dev/rdsk/c17t5080020000557304d0s5
/dev/rdsk/c19t5080020000558204d0s5
/dev/rdsk/c21t5080020000558243d0s5
/dev/rdsk/c15t5080020000557385d0s5
/dev/rdsk/c17t5080020000557303d0s5
/dev/rdsk/c19t5080020000558203d0s5
/dev/rdsk/c21t5080020000558242d0s5
/dev/rdsk/c15t5080020000557390d0s5
/dev/rdsk/c17t5080020000557310d0s5
/dev/rdsk/c19t5080020000558202d0s5
/dev/rdsk/c21t5080020000558241d0s5
/dev/rdsk/c15t5080020000557391d0s5
/dev/rdsk/c17t5080020000557301d0s5
/dev/rdsk/c19t5080020000558201d0s5
/dev/rdsk/c21t5080020000558240d0s5
/dev/rdsk/c15t5080020000557392d0s5
/dev/rdsk/c17t5080020000557302d0s5
/dev/rdsk/c19t5080020000558200d0s5
/dev/rdsk/c21t5080020000558252d0s5
/dev/rdsk/c15t5080020000557381d0s5 -i 256b
d283 -p /dev/md/rdsk/d0 -o 1862985216 -b 16001024
d0 1 160 /dev/rdsk/c14t508002000055734Ad0s4
/dev/rdsk/c16t50800200005573C0d0s4
/dev/rdsk/c18t508002000055828Ad0s4
/dev/rdsk/c20t50800200005582C0d0s4
/dev/rdsk/c14t508002000055734Bd0s4
/dev/rdsk/c16t50800200005573C1d0s4
/dev/rdsk/c18t508002000055828Bd0s4
/dev/rdsk/c20t50800200005582C1d0s4
/dev/rdsk/c14t508002000055734Cd0s4
/dev/rdsk/c16t50800200005573C2d0s4
/dev/rdsk/c18t508002000055828Cd0s4
/dev/rdsk/c20t50800200005582C2d0s4
/dev/rdsk/c14t508002000055734Dd0s4
/dev/rdsk/c16t50800200005573C3d0s4
/dev/rdsk/c18t508002000055828Dd0s4
/dev/rdsk/c20t50800200005582C3d0s4
/dev/rdsk/c14t508002000055734Ed0s4
/dev/rdsk/c16t50800200005573C4d0s4
/dev/rdsk/c18t508002000055828Ed0s4
/dev/rdsk/c20t50800200005582C4d0s4
/dev/rdsk/c14t508002000055734Fd0s4
/dev/rdsk/c16t50800200005573C5d0s4
/dev/rdsk/c18t508002000055828Fd0s4
/dev/rdsk/c20t50800200005582C5d0s4
/dev/rdsk/c14t5080020000557350d0s4
/dev/rdsk/c16t50800200005573C6d0s4
```

```
/dev/rdsk/c18t5080020000558280d0s4
/dev/rdsk/c20t50800200005582C6d0s4
/dev/rdsk/c14t5080020000557351d0s4
/dev/rdsk/c16t50800200005573C7d0s4
/dev/rdsk/c18t5080020000558281d0s4
/dev/rdsk/c20t50800200005582C7d0s4
/dev/rdsk/c14t5080020000557352d0s4
/dev/rdsk/c16t50800200005573C8d0s4
/dev/rdsk/c18t5080020000558282d0s4
/dev/rdsk/c20t50800200005582C8d0s4
/dev/rdsk/c14t5080020000557353d0s4
/dev/rdsk/c16t50800200005573C9d0s4
/dev/rdsk/c18t5080020000558283d0s4
/dev/rdsk/c20t50800200005582C9d0s4
/dev/rdsk/c14t5080020000557347d0s4
/dev/rdsk/c16t50800200005573CAd0s4
/dev/rdsk/c18t5080020000558285d0s4
/dev/rdsk/c20t50800200005582CAd0s4
/dev/rdsk/c14t5080020000557340d0s4
/dev/rdsk/c16t50800200005573CBd0s4
/dev/rdsk/c18t5080020000558286d0s4
/dev/rdsk/c20t50800200005582CBd0s4
/dev/rdsk/c14t5080020000557341d0s4
/dev/rdsk/c16t50800200005573CCd0s4
/dev/rdsk/c18t5080020000558287d0s4
/dev/rdsk/c20t50800200005582CCd0s4
/dev/rdsk/c14t5080020000557342d0s4
/dev/rdsk/c16t50800200005573CDd0s4
/dev/rdsk/c18t5080020000558288d0s4
/dev/rdsk/c20t50800200005582CDd0s4
/dev/rdsk/c14t5080020000557343d0s4
/dev/rdsk/c16t50800200005573CEd0s4
/dev/rdsk/c18t5080020000558289d0s4
/dev/rdsk/c20t50800200005582CEd0s4
/dev/rdsk/c14t5080020000557344d0s4
/dev/rdsk/c16t50800200005573CFd0s4
/dev/rdsk/c18t5080020000558290d0s4
/dev/rdsk/c20t50800200005582CFd0s4
/dev/rdsk/c14t5080020000557345d0s4
/dev/rdsk/c16t50800200005573D0d0s4
/dev/rdsk/c18t5080020000558291d0s4
/dev/rdsk/c20t50800200005582D0d0s4
/dev/rdsk/c14t5080020000557346d0s4
/dev/rdsk/c16t50800200005573D1d0s4
/dev/rdsk/c18t5080020000558292d0s4
/dev/rdsk/c20t50800200005582D1d0s4
/dev/rdsk/c14t5080020000557349d0s4
/dev/rdsk/c16t50800200005573D2d0s4
/dev/rdsk/c18t5080020000558293d0s4
/dev/rdsk/c20t50800200005582D2d0s4
/dev/rdsk/c14t5080020000557348d0s4
/dev/rdsk/c16t50800200005573D3d0s4
/dev/rdsk/c18t5080020000558284d0s4
/dev/rdsk/c20t50800200005582D3d0s4
/dev/rdsk/c15t5080020000055738Ad0s4
/dev/rdsk/c17t5080020000055730Ad0s4
/dev/rdsk/c19t5080020000055820Ad0s4
/dev/rdsk/c21t5080020000055824Ad0s4
/dev/rdsk/c15t5080020000055738Bd0s4
/dev/rdsk/c17t5080020000055730Bd0s4
/dev/rdsk/c19t5080020000055820Bd0s4
/dev/rdsk/c21t5080020000055824Bd0s4
/dev/rdsk/c15t5080020000055738Cd0s4
/dev/rdsk/c17t5080020000055730Cd0s4
/dev/rdsk/c19t5080020000055820Cd0s4
/dev/rdsk/c21t5080020000055824Cd0s4
/dev/rdsk/c15t5080020000055738Dd0s4
/dev/rdsk/c17t5080020000055730Dd0s4
/dev/rdsk/c19t5080020000055820Dd0s4
/dev/rdsk/c21t5080020000055824Dd0s4
/dev/rdsk/c15t5080020000055738Ed0s4
/dev/rdsk/c17t5080020000055730Ed0s4
/dev/rdsk/c19t5080020000055820Ed0s4
/dev/rdsk/c21t5080020000055824Ed0s4
/dev/rdsk/c15t5080020000055738Fd0s4
/dev/rdsk/c17t5080020000055730Fd0s4
/dev/rdsk/c19t5080020000055820Fd0s4
/dev/rdsk/c21t5080020000055824Fd0s4
/dev/rdsk/c15t5080020000557393d0s4
/dev/rdsk/c17t5080020000557300d0s4
/dev/rdsk/c19t5080020000558210d0s4
/dev/rdsk/c21t5080020000558245d0s4
/dev/rdsk/c15t5080020000557380d0s4
/dev/rdsk/c17t5080020000557306d0s4
/dev/rdsk/c19t5080020000558211d0s4
/dev/rdsk/c21t5080020000558246d0s4
/dev/rdsk/c15t5080020000557388d0s4
/dev/rdsk/c17t5080020000557307d0s4
/dev/rdsk/c19t5080020000558212d0s4
/dev/rdsk/c21t5080020000558247d0s4
/dev/rdsk/c15t5080020000557387d0s4
/dev/rdsk/c17t5080020000557308d0s4
/dev/rdsk/c19t5080020000558213d0s4
/dev/rdsk/c21t5080020000558248d0s4
/dev/rdsk/c15t5080020000557386d0s4
/dev/rdsk/c17t5080020000557309d0s4
/dev/rdsk/c19t5080020000558209d0s4
/dev/rdsk/c21t5080020000558249d0s4
/dev/rdsk/c15t5080020000557389d0s4
/dev/rdsk/c17t5080020000557311d0s4
/dev/rdsk/c19t5080020000558208d0s4
/dev/rdsk/c21t5080020000558250d0s4
/dev/rdsk/c15t5080020000557384d0s4
/dev/rdsk/c17t5080020000557312d0s4
/dev/rdsk/c19t5080020000558207d0s4
/dev/rdsk/c21t5080020000558251d0s4
/dev/rdsk/c15t5080020000557383d0s4
/dev/rdsk/c17t5080020000557313d0s4
/dev/rdsk/c19t5080020000558206d0s4
/dev/rdsk/c21t5080020000558253d0s4
/dev/rdsk/c15t5080020000557382d0s4
/dev/rdsk/c17t5080020000557305d0s4
/dev/rdsk/c19t5080020000558205d0s4
/dev/rdsk/c21t5080020000558244d0s4
/dev/rdsk/c15t5080020000557385d0s4
/dev/rdsk/c17t5080020000557304d0s4
/dev/rdsk/c19t5080020000558204d0s4
/dev/rdsk/c21t5080020000558243d0s4
/dev/rdsk/c15t5080020000557390d0s4
/dev/rdsk/c17t5080020000557303d0s4
/dev/rdsk/c19t5080020000558203d0s4
/dev/rdsk/c21t5080020000558242d0s4
/dev/rdsk/c15t5080020000557391d0s4
/dev/rdsk/c17t5080020000557310d0s4
/dev/rdsk/c19t5080020000558202d0s4
/dev/rdsk/c21t5080020000558241d0s4
/dev/rdsk/c15t5080020000557392d0s4
/dev/rdsk/c17t5080020000557301d0s4
/dev/rdsk/c19t5080020000558201d0s4
/dev/rdsk/c21t5080020000558240d0s4
/dev/rdsk/c15t5080020000557381d0s4
/dev/rdsk/c17t5080020000557302d0s4
/dev/rdsk/c19t5080020000558200d0s4
/dev/rdsk/c21t5080020000558252d0s4 -i 256b
d280 -p /dev/md/rdsk/d3 -o 1859702016 -b 16001024
d3 1 160 /dev/rdsk/c20t50800200005582C0d0s7
/dev/rdsk/c14t508002000055734Ad0s7
/dev/rdsk/c16t50800200005573C0d0s7
/dev/rdsk/c18t508002000055828Ad0s7
/dev/rdsk/c20t50800200005582C1d0s7
/dev/rdsk/c14t508002000055734Bd0s7
/dev/rdsk/c16t50800200005573C1d0s7
/dev/rdsk/c18t508002000055828Bd0s7
/dev/rdsk/c20t50800200005582C2d0s7
/dev/rdsk/c14t508002000055734Cd0s7
/dev/rdsk/c16t50800200005573C2d0s7
/dev/rdsk/c18t508002000055828Cd0s7
/dev/rdsk/c20t50800200005582C3d0s7
/dev/rdsk/c14t508002000055734Dd0s7
/dev/rdsk/c16t50800200005573C3d0s7
/dev/rdsk/c18t508002000055828Dd0s7
/dev/rdsk/c20t50800200005582C4d0s7
/dev/rdsk/c14t508002000055734Ed0s7
/dev/rdsk/c16t50800200005573C4d0s7
/dev/rdsk/c18t508002000055828Ed0s7
/dev/rdsk/c20t50800200005582C5d0s7
/dev/rdsk/c14t508002000055734Fd0s7
/dev/rdsk/c16t50800200005573C5d0s7
/dev/rdsk/c18t508002000055828Fd0s7
/dev/rdsk/c20t50800200005582C6d0s7
/dev/rdsk/c14t5080020000557350d0s7
/dev/rdsk/c16t50800200005573C6d0s7
/dev/rdsk/c18t5080020000558280d0s7
/dev/rdsk/c20t50800200005582C7d0s7
/dev/rdsk/c14t5080020000557351d0s7
/dev/rdsk/c16t50800200005573C7d0s7
/dev/rdsk/c18t5080020000558281d0s7
/dev/rdsk/c20t50800200005582C8d0s7
/dev/rdsk/c14t5080020000557352d0s7
/dev/rdsk/c16t50800200005573C8d0s7
/dev/rdsk/c18t5080020000558282d0s7
/dev/rdsk/c20t50800200005582C9d0s7
/dev/rdsk/c14t5080020000557353d0s7
/dev/rdsk/c16t50800200005573C9d0s7
```

```
/dev/rdsk/c18t5080020000558283d0s7
/dev/rdsk/c20t50800200005582CAd0s7
/dev/rdsk/c14t5080020000557347d0s7
/dev/rdsk/c16t50800200005573CAd0s7
/dev/rdsk/c18t5080020000558285d0s7
/dev/rdsk/c20t50800200005582CBd0s7
/dev/rdsk/c14t5080020000557340d0s7
/dev/rdsk/c16t50800200005573CBd0s7
/dev/rdsk/c18t5080020000558286d0s7
/dev/rdsk/c20t50800200005582CCd0s7
/dev/rdsk/c14t5080020000557341d0s7
/dev/rdsk/c16t50800200005573CCd0s7
/dev/rdsk/c18t5080020000558287d0s7
/dev/rdsk/c20t50800200005582CDd0s7
/dev/rdsk/c14t5080020000557342d0s7
/dev/rdsk/c16t50800200005573CDd0s7
/dev/rdsk/c18t5080020000558288d0s7
/dev/rdsk/c20t50800200005582CEd0s7
/dev/rdsk/c14t5080020000557343d0s7
/dev/rdsk/c16t50800200005573CEd0s7
/dev/rdsk/c18t5080020000558289d0s7
/dev/rdsk/c20t50800200005582CFd0s7
/dev/rdsk/c14t5080020000557344d0s7
/dev/rdsk/c16t50800200005573CFd0s7
/dev/rdsk/c18t5080020000558290d0s7
/dev/rdsk/c20t50800200005582D0d0s7
/dev/rdsk/c14t5080020000557345d0s7
/dev/rdsk/c16t50800200005573D0d0s7
/dev/rdsk/c18t5080020000558291d0s7
/dev/rdsk/c20t50800200005582D1d0s7
/dev/rdsk/c14t5080020000557346d0s7
/dev/rdsk/c16t50800200005573D1d0s7
/dev/rdsk/c18t5080020000558292d0s7
/dev/rdsk/c20t50800200005582D2d0s7
/dev/rdsk/c14t5080020000557349d0s7
/dev/rdsk/c16t50800200005573D2d0s7
/dev/rdsk/c18t5080020000558293d0s7
/dev/rdsk/c20t50800200005582D3d0s7
/dev/rdsk/c14t5080020000557348d0s7
/dev/rdsk/c16t50800200005573D3d0s7
/dev/rdsk/c18t5080020000558284d0s7
/dev/rdsk/c21t508002000055824Ad0s7
/dev/rdsk/c15t508002000055738Ad0s7
/dev/rdsk/c17t508002000055730Ad0s7
/dev/rdsk/c19t508002000055820Ad0s7
/dev/rdsk/c21t508002000055824Bd0s7
/dev/rdsk/c15t508002000055738Bd0s7
/dev/rdsk/c17t508002000055730Bd0s7
/dev/rdsk/c19t508002000055820Bd0s7
/dev/rdsk/c21t508002000055824Cd0s7
/dev/rdsk/c15t508002000055738Cd0s7
/dev/rdsk/c17t508002000055730Cd0s7
/dev/rdsk/c19t508002000055820Cd0s7
/dev/rdsk/c21t508002000055824Dd0s7
/dev/rdsk/c15t508002000055738Dd0s7
/dev/rdsk/c17t508002000055730Dd0s7
/dev/rdsk/c19t508002000055820Dd0s7
/dev/rdsk/c21t508002000055824Ed0s7
/dev/rdsk/c15t508002000055738Ed0s7
/dev/rdsk/c17t508002000055730Ed0s7
/dev/rdsk/c19t508002000055820Ed0s7
/dev/rdsk/c21t508002000055824Fd0s7
/dev/rdsk/c15t508002000055738Fd0s7
/dev/rdsk/c17t508002000055730Fd0s7
/dev/rdsk/c19t508002000055820Fd0s7
/dev/rdsk/c21t5080020000558245d0s7
/dev/rdsk/c15t5080020000557393d0s7
/dev/rdsk/c17t5080020000557300d0s7
/dev/rdsk/c19t5080020000558210d0s7
/dev/rdsk/c21t5080020000558246d0s7
/dev/rdsk/c15t5080020000557380d0s7
/dev/rdsk/c17t5080020000557306d0s7
/dev/rdsk/c19t5080020000558211d0s7
/dev/rdsk/c21t5080020000558247d0s7
/dev/rdsk/c15t5080020000557388d0s7
/dev/rdsk/c17t5080020000557307d0s7
/dev/rdsk/c19t5080020000558212d0s7
/dev/rdsk/c21t5080020000558248d0s7
/dev/rdsk/c15t5080020000557387d0s7
/dev/rdsk/c17t5080020000557308d0s7
/dev/rdsk/c19t5080020000558213d0s7
/dev/rdsk/c21t5080020000558249d0s7
/dev/rdsk/c15t5080020000557386d0s7
/dev/rdsk/c17t5080020000557309d0s7
/dev/rdsk/c19t5080020000558209d0s7
/dev/rdsk/c21t5080020000558250d0s7
/dev/rdsk/c15t5080020000557389d0s7
/dev/rdsk/c17t5080020000557311d0s7
/dev/rdsk/c19t5080020000558208d0s7
/dev/rdsk/c21t5080020000558251d0s7
/dev/rdsk/c15t5080020000557384d0s7
/dev/rdsk/c17t5080020000557312d0s7
/dev/rdsk/c19t5080020000558207d0s7
/dev/rdsk/c21t5080020000558253d0s7
/dev/rdsk/c15t5080020000557383d0s7
/dev/rdsk/c17t5080020000557313d0s7
/dev/rdsk/c19t5080020000558206d0s7
/dev/rdsk/c21t5080020000558244d0s7
/dev/rdsk/c15t5080020000557382d0s7
/dev/rdsk/c17t5080020000557305d0s7
/dev/rdsk/c19t5080020000558205d0s7
/dev/rdsk/c21t5080020000558243d0s7
/dev/rdsk/c15t5080020000557385d0s7
/dev/rdsk/c17t5080020000557304d0s7
/dev/rdsk/c19t5080020000558204d0s7
/dev/rdsk/c21t5080020000558242d0s7
/dev/rdsk/c15t5080020000557390d0s7
/dev/rdsk/c17t5080020000557303d0s7
/dev/rdsk/c19t5080020000558203d0s7
/dev/rdsk/c21t5080020000558241d0s7
/dev/rdsk/c15t5080020000557391d0s7
/dev/rdsk/c17t5080020000557310d0s7
/dev/rdsk/c19t5080020000558202d0s7
/dev/rdsk/c21t5080020000558240d0s7
/dev/rdsk/c15t5080020000557392d0s7
/dev/rdsk/c17t5080020000557301d0s7
/dev/rdsk/c19t5080020000558201d0s7
/dev/rdsk/c21t5080020000558252d0s7
/dev/rdsk/c15t5080020000557381d0s7
/dev/rdsk/c17t5080020000557302d0s7
/dev/rdsk/c19t5080020000558200d0s7 -i 256b
d279 -p /dev/md/rdsk/d2 -o 1859702016 -b 16001024
d278 -p /dev/md/rdsk/d1 -o 1859702016 -b 16001024
d277 -p /dev/md/rdsk/d0 -o 1846983936 -b 16001024
d276 -p /dev/md/rdsk/d3 -o 1843700736 -b 16001024
d275 -p /dev/md/rdsk/d2 -o 1843700736 -b 16001024
d274 -p /dev/md/rdsk/d1 -o 1843700736 -b 16001024
d273 -p /dev/md/rdsk/d0 -o 1805095936 -b 41887744
d272 -p /dev/md/rdsk/d3 -o 1801812736 -b 41887744
d271 -p /dev/md/rdsk/d2 -o 1801812736 -b 41887744
d270 -p /dev/md/rdsk/d1 -o 1801812736 -b 41887744
d269 -p /dev/md/rdsk/d0 -o 1773898496 -b 31197184
d268 -p /dev/md/rdsk/d3 -o 1770615296 -b 31197184
d267 -p /dev/md/rdsk/d2 -o 1770615296 -b 31197184
d266 -p /dev/md/rdsk/d1 -o 1770615296 -b 31197184
d265 -p /dev/md/rdsk/d0 -o 1758880256 -b 15017984
d264 -p /dev/md/rdsk/d3 -o 1755597056 -b 15017984
d263 -p /dev/md/rdsk/d2 -o 1755597056 -b 15017984
d262 -p /dev/md/rdsk/d1 -o 1755597056 -b 15017984
d261 -p /dev/md/rdsk/d0 -o 1752361216 -b 6518784
d260 -p /dev/md/rdsk/d3 -o 1749078016 -b 6518784
d259 -p /dev/md/rdsk/d2 -o 1749078016 -b 6518784
d258 -p /dev/md/rdsk/d1 -o 1749078016 -b 6518784
d257 -p /dev/md/rdsk/d0 -o 1619685376 -b 132675584
d256 -p /dev/md/rdsk/d3 -o 1616402176 -b 132675584
d255 -p /dev/md/rdsk/d2 -o 1616402176 -b 132675584
d254 -p /dev/md/rdsk/d1 -o 1616402176 -b 132675584
d253 -p /dev/md/rdsk/d0 -o 1487009536 -b 132675584
d252 -p /dev/md/rdsk/d3 -o 1483726336 -b 132675584
d251 -p /dev/md/rdsk/d2 -o 1483726336 -b 132675584
d250 -p /dev/md/rdsk/d1 -o 1483726336 -b 132675584
d249 -p /dev/md/rdsk/d0 -o 1354333696 -b 132675584
d248 -p /dev/md/rdsk/d3 -o 1351050496 -b 132675584
d247 -p /dev/md/rdsk/d2 -o 1351050496 -b 132675584
d246 -p /dev/md/rdsk/d1 -o 1351050496 -b 132675584
d245 -p /dev/md/rdsk/d0 -o 1221657856 -b 132675584
d244 -p /dev/md/rdsk/d3 -o 1218374656 -b 132675584
d243 -p /dev/md/rdsk/d2 -o 1218374656 -b 132675584
d242 -p /dev/md/rdsk/d1 -o 1218374656 -b 132675584
d241 -p /dev/md/rdsk/d0 -o 1088982016 -b 132675584
d240 -p /dev/md/rdsk/d3 -o 1085698816 -b 132675584
d239 -p /dev/md/rdsk/d2 -o 1085698816 -b 132675584
d238 -p /dev/md/rdsk/d1 -o 1085698816 -b 132675584
d237 -p /dev/md/rdsk/d0 -o 1056678656 -b 32303104
d236 -p /dev/md/rdsk/d3 -o 1053395456 -b 32303104
d235 -p /dev/md/rdsk/d2 -o 1053395456 -b 32303104
d234 -p /dev/md/rdsk/d1 -o 1053395456 -b 32303104
d233 -p /dev/md/rdsk/d0 -o 1024375296 -b 32303104
d232 -p /dev/md/rdsk/d3 -o 1021092096 -b 32303104
d231 -p /dev/md/rdsk/d2 -o 1021092096 -b 32303104
d230 -p /dev/md/rdsk/d1 -o 1021092096 -b 32303104
d229 -p /dev/md/rdsk/d0 -o 992071936 -b 32303104
d228 -p /dev/md/rdsk/d3 -o 988788736 -b 32303104
d227 -p /dev/md/rdsk/d2 -o 988788736 -b 32303104
```

```
d226 -p /dev/md/rdsk/d1 -o 988788736 -b 32303104
d225 -p /dev/md/rdsk/d0 -o 959768576 -b 32303104
d224 -p /dev/md/rdsk/d3 -o 956485376 -b 32303104
d223 -p /dev/md/rdsk/d2 -o 956485376 -b 32303104
d222 -p /dev/md/rdsk/d1 -o 956485376 -b 32303104
d221 -p /dev/md/rdsk/d0 -o 927465216 -b 32303104
d220 -p /dev/md/rdsk/d3 -o 924182016 -b 32303104
d219 -p /dev/md/rdsk/d2 -o 924182016 -b 32303104
d218 -p /dev/md/rdsk/d1 -o 924182016 -b 32303104
d217 -p /dev/md/rdsk/d0 -o 895161856 -b 32303104
d216 -p /dev/md/rdsk/d3 -o 891878656 -b 32303104
d215 -p /dev/md/rdsk/d2 -o 891878656 -b 32303104
d214 -p /dev/md/rdsk/d1 -o 891878656 -b 32303104
d213 -p /dev/md/rdsk/d0 -o 862858496 -b 32303104
d212 -p /dev/md/rdsk/d3 -o 859575296 -b 32303104
d211 -p /dev/md/rdsk/d2 -o 859575296 -b 32303104
d210 -p /dev/md/rdsk/d1 -o 859575296 -b 32303104
d209 -p /dev/md/rdsk/d0 -o 830555136 -b 32303104
d208 -p /dev/md/rdsk/d3 -o 827271936 -b 32303104
d207 -p /dev/md/rdsk/d2 -o 827271936 -b 32303104
d206 -p /dev/md/rdsk/d1 -o 827271936 -b 32303104
d205 -p /dev/md/rdsk/d0 -o 798251776 -b 32303104
d204 -p /dev/md/rdsk/d3 -o 794968576 -b 32303104
d203 -p /dev/md/rdsk/d2 -o 794968576 -b 32303104
d202 -p /dev/md/rdsk/d1 -o 794968576 -b 32303104
d201 -p /dev/md/rdsk/d0 -o 765948416 -b 32303104
d200 -p /dev/md/rdsk/d3 -o 762665216 -b 32303104
d199 -p /dev/md/rdsk/d2 -o 762665216 -b 32303104
d198 -p /dev/md/rdsk/d1 -o 762665216 -b 32303104
d197 -p /dev/md/rdsk/d0 -o 733645056 -b 32303104
d196 -p /dev/md/rdsk/d3 -o 730361856 -b 32303104
d195 -p /dev/md/rdsk/d2 -o 730361856 -b 32303104
d194 -p /dev/md/rdsk/d1 -o 730361856 -b 32303104
d193 -p /dev/md/rdsk/d0 -o 701341696 -b 32303104
d192 -p /dev/md/rdsk/d3 -o 698058496 -b 32303104
d191 -p /dev/md/rdsk/d2 -o 698058496 -b 32303104
d190 -p /dev/md/rdsk/d1 -o 698058496 -b 32303104
d189 -p /dev/md/rdsk/d0 -o 669038336 -b 32303104
d188 -p /dev/md/rdsk/d3 -o 665755136 -b 32303104
d187 -p /dev/md/rdsk/d2 -o 665755136 -b 32303104
d186 -p /dev/md/rdsk/d1 -o 665755136 -b 32303104
d185 -p /dev/md/rdsk/d0 -o 636734976 -b 32303104
d184 -p /dev/md/rdsk/d3 -o 633451776 -b 32303104
d183 -p /dev/md/rdsk/d2 -o 633451776 -b 32303104
d182 -p /dev/md/rdsk/d1 -o 633451776 -b 32303104
d181 -p /dev/md/rdsk/d0 -o 604431616 -b 32303104
d180 -p /dev/md/rdsk/d3 -o 601148416 -b 32303104
d179 -p /dev/md/rdsk/d2 -o 601148416 -b 32303104
d178 -p /dev/md/rdsk/d1 -o 601148416 -b 32303104
d177 -p /dev/md/rdsk/d0 -o 572128256 -b 32303104
d176 -p /dev/md/rdsk/d3 -o 568845056 -b 32303104
d175 -p /dev/md/rdsk/d2 -o 568845056 -b 32303104
d174 -p /dev/md/rdsk/d1 -o 568845056 -b 32303104
d173 -p /dev/md/rdsk/d0 -o 539824896 -b 32303104
d172 -p /dev/md/rdsk/d3 -o 536541696 -b 32303104
d171 -p /dev/md/rdsk/d2 -o 536541696 -b 32303104
d170 -p /dev/md/rdsk/d1 -o 536541696 -b 32303104
d169 -p /dev/md/rdsk/d0 -o 507521536 -b 32303104
d168 -p /dev/md/rdsk/d3 -o 504238336 -b 32303104
d167 -p /dev/md/rdsk/d2 -o 504238336 -b 32303104
d166 -p /dev/md/rdsk/d1 -o 504238336 -b 32303104
d165 -p /dev/md/rdsk/d0 -o 482959616 -b 24561664
d164 -p /dev/md/rdsk/d3 -o 479676416 -b 24561664
d163 -p /dev/md/rdsk/d2 -o 479676416 -b 24561664
d162 -p /dev/md/rdsk/d1 -o 479676416 -b 24561664
d161 -p /dev/md/rdsk/d0 -o 458397696 -b 24561664
d160 -p /dev/md/rdsk/d3 -o 455114496 -b 24561664
d159 -p /dev/md/rdsk/d2 -o 455114496 -b 24561664
d158 -p /dev/md/rdsk/d1 -o 455114496 -b 24561664
d157 -p /dev/md/rdsk/d0 -o 425889536 -b 32507904
d156 -p /dev/md/rdsk/d3 -o 422606336 -b 32507904
d155 -p /dev/md/rdsk/d2 -o 422606336 -b 32507904
d154 -p /dev/md/rdsk/d1 -o 422606336 -b 32507904
d153 -p /dev/md/rdsk/d0 -o 393381376 -b 32507904
d152 -p /dev/md/rdsk/d3 -o 390098176 -b 32507904
d151 -p /dev/md/rdsk/d2 -o 390098176 -b 32507904
d150 -p /dev/md/rdsk/d1 -o 390098176 -b 32507904
d149 -p /dev/md/rdsk/d0 -o 360873216 -b 32507904
d148 -p /dev/md/rdsk/d3 -o 357590016 -b 32507904
d147 -p /dev/md/rdsk/d2 -o 357590016 -b 32507904
d146 -p /dev/md/rdsk/d1 -o 357590016 -b 32507904
d145 -p /dev/md/rdsk/d0 -o 328365056 -b 32507904
d144 -p /dev/md/rdsk/d3 -o 325081856 -b 32507904
d143 -p /dev/md/rdsk/d2 -o 325081856 -b 32507904
d142 -p /dev/md/rdsk/d1 -o 325081856 -b 32507904
d141 -p /dev/md/rdsk/d0 -o 295856896 -b 32507904
d140 -p /dev/md/rdsk/d3 -o 292573696 -b 32507904
d139 -p /dev/md/rdsk/d2 -o 292573696 -b 32507904
d138 -p /dev/md/rdsk/d1 -o 292573696 -b 32507904
d137 -p /dev/md/rdsk/d0 -o 263348736 -b 32507904
d136 -p /dev/md/rdsk/d3 -o 260065536 -b 32507904
d135 -p /dev/md/rdsk/d2 -o 260065536 -b 32507904
d134 -p /dev/md/rdsk/d1 -o 260065536 -b 32507904
d133 -p /dev/md/rdsk/d0 -o 230840576 -b 32507904
d132 -p /dev/md/rdsk/d3 -o 227557376 -b 32507904
d131 -p /dev/md/rdsk/d2 -o 227557376 -b 32507904
d130 -p /dev/md/rdsk/d1 -o 227557376 -b 32507904
d129 -p /dev/md/rdsk/d0 -o 198332416 -b 32507904
d128 -p /dev/md/rdsk/d3 -o 195049216 -b 32507904
d127 -p /dev/md/rdsk/d2 -o 195049216 -b 32507904
d126 -p /dev/md/rdsk/d1 -o 195049216 -b 32507904
d125 -p /dev/md/rdsk/d0 -o 165824256 -b 32507904
d124 -p /dev/md/rdsk/d3 -o 162541056 -b 32507904
d123 -p /dev/md/rdsk/d2 -o 162541056 -b 32507904
d122 -p /dev/md/rdsk/d1 -o 162541056 -b 32507904
d121 -p /dev/md/rdsk/d0 -o 133316096 -b 32507904
d120 -p /dev/md/rdsk/d3 -o 130032896 -b 32507904
d119 -p /dev/md/rdsk/d2 -o 130032896 -b 32507904
d118 -p /dev/md/rdsk/d1 -o 130032896 -b 32507904
d117 -p /dev/md/rdsk/d0 -o 100807936 -b 32507904
d116 -p /dev/md/rdsk/d3 -o 97524736 -b 32507904
d115 -p /dev/md/rdsk/d2 -o 97524736 -b 32507904
d114 -p /dev/md/rdsk/d1 -o 97524736 -b 32507904
d113 -p /dev/md/rdsk/d0 -o 68299776 -b 32507904
d112 -p /dev/md/rdsk/d3 -o 65016576 -b 32507904
d111 -p /dev/md/rdsk/d2 -o 65016576 -b 32507904
d110 -p /dev/md/rdsk/d1 -o 65016576 -b 32507904
d109 -p /dev/md/rdsk/d0 -o 35791616 -b 32507904
d108 -p /dev/md/rdsk/d3 -o 32508416 -b 32507904
d107 -p /dev/md/rdsk/d2 -o 32508416 -b 32507904
d106 -p /dev/md/rdsk/d1 -o 32508416 -b 32507904
d105 -p /dev/md/rdsk/d0 -o 3283456 -b 32507904
d104 -p /dev/md/rdsk/d3 -o 256 -b 32507904
d103 -p /dev/md/rdsk/d2 -o 256 -b 32507904
d102 -p /dev/md/rdsk/d1 -o 256 -b 32507904
d101 -p /dev/md/rdsk/d0 -o 256 -b 3282944
d3282 -p /dev/md/rdsk/d8001 -o 2960867328 -b 825344
d8001 -m /dev/md/rdsk/d8012 /dev/md/rdsk/d8013 0
d8012 1 1 /dev/rdsk/c7t4d0s6
d8013 1 1 /dev/rdsk/c7t5d0s6
d3258 -p /dev/md/rdsk/d8000 -o 3045982208 -b 6518784
d8000 -m /dev/md/rdsk/d8010 /dev/md/rdsk/d8011 0
d8010 1 1 /dev/rdsk/c7t1d0s6
d8011 1 1 /dev/rdsk/c7t3d0s6
d3259 -p /dev/md/rdsk/d8000 -o 3039462400 -b 6518784
d3260 -p /dev/md/rdsk/d8001 -o 2954347520 -b 6518784
d3261 -p /dev/md/rdsk/d8002 -o 2996078592 -b 6518784
d8002 -m /dev/md/rdsk/d8014 /dev/md/rdsk/d8015 0
d8014 1 1 /dev/rdsk/c7t6d0s6
d8015 1 1 /dev/rdsk/c7t7d0s6
d3262 -p /dev/md/rdsk/d8003 -o 2983442432 -b 15017984
d8003 -m /dev/md/rdsk/d8016 /dev/md/rdsk/d8017 0
d8016 1 1 /dev/rdsk/c7t8d0s6
d8017 1 1 /dev/rdsk/c7t9d0s6
d3263 -p /dev/md/rdsk/d8004 -o 2983852032 -b 15017984
d3280 -p /dev/md/rdsk/d8003 -o 2952421376 -b 16001024
d3281 -p /dev/md/rdsk/d8004 -o 2952830976 -b 16001024
d3264 -p /dev/md/rdsk/d8004 -o 2968833024 -b 15017984
d3265 -p /dev/md/rdsk/d8003 -o 2968423424 -b 15017984
d3274 -p /dev/md/rdsk/d8002 -o 2980076544 -b 16001024
d3275 -p /dev/md/rdsk/d8001 -o 2938345472 -b 16001024
d3276 -p /dev/md/rdsk/d8000 -o 3023460352 -b 16001024
d3277 -p /dev/md/rdsk/d8000 -o 3007458304 -b 16001024
d3278 -p /dev/md/rdsk/d8001 -o 2922343424 -b 16001024
d3279 -p /dev/md/rdsk/d8002 -o 2964074496 -b 16001024
d3266 -p /dev/md/rdsk/d8004 -o 2921632768 -b 31197184
d3267 -p /dev/md/rdsk/d8003 -o 2921223168 -b 31197184
d3268 -p /dev/md/rdsk/d8002 -o 2932876288 -b 31197184
d3269 -p /dev/md/rdsk/d8001 -o 2891145216 -b 31197184
d3208 -p /dev/md/rdsk/d8002 -o 2868268032 -b 32303104
d3209 -p /dev/md/rdsk/d8001 -o 2826536960 -b 32303104
d3210 -p /dev/md/rdsk/d8000 -o 2910545920 -b 32303104
d3211 -p /dev/md/rdsk/d8000 -o 2878241792 -b 32303104
d3200 -p /dev/md/rdsk/d8000 -o 2975154176 -b 32303104
d3201 -p /dev/md/rdsk/d8000 -o 2942850048 -b 32303104
d3202 -p /dev/md/rdsk/d8001 -o 2858841088 -b 32303104
d3203 -p /dev/md/rdsk/d8002 -o 2900572160 -b 32303104
d3204 -p /dev/md/rdsk/d8003 -o 2888919040 -b 32303104
d3205 -p /dev/md/rdsk/d8004 -o 2889328640 -b 32303104
d3206 -p /dev/md/rdsk/d8004 -o 2857024512 -b 32303104
d3207 -p /dev/md/rdsk/d8003 -o 2856614912 -b 32303104
d3212 -p /dev/md/rdsk/d8001 -o 2794232832 -b 32303104
d3213 -p /dev/md/rdsk/d8002 -o 2835963904 -b 32303104
d3214 -p /dev/md/rdsk/d8003 -o 2824310784 -b 32303104
```

```
d3223 -p /dev/md/rdsk/d8002 -o 2771355648 -b 32303104
d3224 -p /dev/md/rdsk/d8003 -o 2759702528 -b 32303104
d3225 -p /dev/md/rdsk/d8004 -o 2760112128 -b 32303104
d3226 -p /dev/md/rdsk/d8004 -o 2727808000 -b 32303104
d3227 -p /dev/md/rdsk/d8003 -o 2727398400 -b 32303104
d3215 -p /dev/md/rdsk/d8004 -o 2824720384 -b 32303104
d3216 -p /dev/md/rdsk/d8004 -o 2792416256 -b 32303104
d3217 -p /dev/md/rdsk/d8003 -o 2792006656 -b 32303104
d3218 -p /dev/md/rdsk/d8002 -o 2803659776 -b 32303104
d3219 -p /dev/md/rdsk/d8001 -o 2761928704 -b 32303104
d3220 -p /dev/md/rdsk/d8000 -o 2845937664 -b 32303104
d3221 -p /dev/md/rdsk/d8000 -o 2813633536 -b 32303104
d3222 -p /dev/md/rdsk/d8001 -o 2729624576 -b 32303104
d3228 -p /dev/md/rdsk/d8002 -o 2739051520 -b 32303104
d3229 -p /dev/md/rdsk/d8001 -o 2697320448 -b 32303104
d3230 -p /dev/md/rdsk/d8000 -o 2781329408 -b 32303104
d3231 -p /dev/md/rdsk/d8000 -o 2749025280 -b 32303104
d3232 -p /dev/md/rdsk/d8001 -o 2665016320 -b 32303104
d3233 -p /dev/md/rdsk/d8002 -o 2706747392 -b 32303104
d3234 -p /dev/md/rdsk/d8003 -o 2695094272 -b 32303104
d3235 -p /dev/md/rdsk/d8004 -o 2695503872 -b 32303104
d3236 -p /dev/md/rdsk/d8004 -o 2663199744 -b 32303104
d3237 -p /dev/md/rdsk/d8003 -o 2662790144 -b 32303104
d3270 -p /dev/md/rdsk/d8002 -o 2664858624 -b 41887744
d3271 -p /dev/md/rdsk/d8001 -o 2623127552 -b 41887744
d3272 -p /dev/md/rdsk/d8000 -o 2707136512 -b 41887744
d3273 -p /dev/md/rdsk/d8000 -o 2665247744 -b 41887744
d3238 -p /dev/md/rdsk/d8001 -o 2490450944 -b 132675584
d3247 -p /dev/md/rdsk/d8000 -o 2399894528 -b 132675584
d3239 -p /dev/md/rdsk/d8002 -o 2532182016 -b 132675584
d3240 -p /dev/md/rdsk/d8003 -o 2530113536 -b 132675584
d3241 -p /dev/md/rdsk/d8004 -o 2530523136 -b 132675584
d3242 -p /dev/md/rdsk/d8004 -o 2397846528 -b 132675584
d3243 -p /dev/md/rdsk/d8003 -o 2397436928 -b 132675584
d3244 -p /dev/md/rdsk/d8002 -o 2399505408 -b 132675584
d3245 -p /dev/md/rdsk/d8001 -o 2357774336 -b 132675584
d3246 -p /dev/md/rdsk/d8000 -o 2532571136 -b 132675584
d3248 -p /dev/md/rdsk/d8001 -o 2225097728 -b 132675584
d3249 -p /dev/md/rdsk/d8002 -o 2266828800 -b 132675584
d3250 -p /dev/md/rdsk/d8003 -o 2264760320 -b 132675584
d3251 -p /dev/md/rdsk/d8004 -o 2265169920 -b 132675584
d3252 -p /dev/md/rdsk/d8004 -o 2132493312 -b 132675584
d3160 -p /dev/md/rdsk/d8004 -o 2107930624 -b 24561664
d3161 -p /dev/md/rdsk/d8004 -o 2083367936 -b 24561664
d3162 -p /dev/md/rdsk/d8003 -o 2082958336 -b 24561664
d3253 -p /dev/md/rdsk/d8003 -o 2132083712 -b 132675584
d3254 -p /dev/md/rdsk/d8002 -o 2134152192 -b 132675584
d3255 -p /dev/md/rdsk/d8001 -o 2092421120 -b 132675584
d3256 -p /dev/md/rdsk/d8000 -o 2267217920 -b 132675584
d3257 -p /dev/md/rdsk/d8000 -o 2134541312 -b 132675584
d3101 -p /dev/md/rdsk/d8001 -o 2089137152 -b 3282944
d3158 -p /dev/md/rdsk/d8002 -o 2109589504 -b 24561664
d3159 -p /dev/md/rdsk/d8003 -o 2107521024 -b 24561664
d3163 -p /dev/md/rdsk/d8002 -o 2085026816 -b 24561664
d3164 -p /dev/md/rdsk/d8001 -o 2064574464 -b 24561664
d3165 -p /dev/md/rdsk/d8000 -o 2109978624 -b 24561664
d3166 -p /dev/md/rdsk/d8000 -o 2077674496 -b 32303104
d3175 -p /dev/md/rdsk/d8000 -o 2045370368 -b 32303104
d3176 -p /dev/md/rdsk/d8000 -o 2013066240 -b 32303104
d3177 -p /dev/md/rdsk/d8001 -o 1967662080 -b 32303104
d3178 -p /dev/md/rdsk/d8002 -o 1988114432 -b 32303104
d3167 -p /dev/md/rdsk/d8001 -o 2032270336 -b 32303104
d3168 -p /dev/md/rdsk/d8002 -o 2052722688 -b 32303104
d3169 -p /dev/md/rdsk/d8003 -o 2050654208 -b 32303104
d3170 -p /dev/md/rdsk/d8004 -o 2051063808 -b 32303104
d3171 -p /dev/md/rdsk/d8004 -o 2018759680 -b 32303104
d3172 -p /dev/md/rdsk/d8003 -o 2018350080 -b 32303104
d3173 -p /dev/md/rdsk/d8002 -o 2020418560 -b 32303104
d3174 -p /dev/md/rdsk/d8001 -o 1999966208 -b 32303104
d3179 -p /dev/md/rdsk/d8003 -o 1986045952 -b 32303104
d3180 -p /dev/md/rdsk/d8004 -o 1986455552 -b 32303104
d3189 -p /dev/md/rdsk/d8003 -o 1921437696 -b 32303104
d3190 -p /dev/md/rdsk/d8004 -o 1921847296 -b 32303104
d3191 -p /dev/md/rdsk/d8004 -o 1889543168 -b 32303104
d3192 -p /dev/md/rdsk/d8003 -o 1889133568 -b 32303104
d3193 -p /dev/md/rdsk/d8002 -o 1891202048 -b 32303104
d3194 -p /dev/md/rdsk/d8001 -o 1870749696 -b 32303104
d3181 -p /dev/md/rdsk/d8004 -o 1954151424 -b 32303104
d3182 -p /dev/md/rdsk/d8003 -o 1953741824 -b 32303104
d3183 -p /dev/md/rdsk/d8002 -o 1955810304 -b 32303104
d3184 -p /dev/md/rdsk/d8001 -o 1935357952 -b 32303104
d3185 -p /dev/md/rdsk/d8000 -o 1980762112 -b 32303104
d3186 -p /dev/md/rdsk/d8000 -o 1948457984 -b 32303104
d3187 -p /dev/md/rdsk/d8001 -o 1903053824 -b 32303104
d3188 -p /dev/md/rdsk/d8002 -o 1923506176 -b 32303104
d3195 -p /dev/md/rdsk/d8000 -o 1916153856 -b 32303104
d3196 -p /dev/md/rdsk/d8000 -o 1883849728 -b 32303104
d3197 -p /dev/md/rdsk/d8001 -o 1838445568 -b 32303104
d3198 -p /dev/md/rdsk/d8002 -o 1858897920 -b 32303104
d3199 -p /dev/md/rdsk/d8003 -o 1856829440 -b 32303104
d3102 -p /dev/md/rdsk/d8004 -o 1857034240 -b 32507904
d3103 -p /dev/md/rdsk/d8004 -o 1824525312 -b 32507904
d3104 -p /dev/md/rdsk/d8003 -o 1824320512 -b 32507904
d3105 -p /dev/md/rdsk/d8002 -o 1826388992 -b 32507904
d3106 -p /dev/md/rdsk/d8001 -o 1805936640 -b 32507904
d3107 -p /dev/md/rdsk/d8000 -o 1851340800 -b 32507904
d3108 -p /dev/md/rdsk/d8000 -o 1818831872 -b 32507904
d3109 -p /dev/md/rdsk/d8001 -o 1773427712 -b 32507904
d3110 -p /dev/md/rdsk/d8002 -o 1793880064 -b 32507904
d3111 -p /dev/md/rdsk/d8003 -o 1791811584 -b 32507904
d3112 -p /dev/md/rdsk/d8004 -o 1792016384 -b 32507904
d3113 -p /dev/md/rdsk/d8004 -o 1759507456 -b 32507904
d3114 -p /dev/md/rdsk/d8003 -o 1759302656 -b 32507904
d3115 -p /dev/md/rdsk/d8002 -o 1761371136 -b 32507904
d3116 -p /dev/md/rdsk/d8001 -o 1740918784 -b 32507904
d3117 -p /dev/md/rdsk/d8000 -o 1786322944 -b 32507904
d3118 -p /dev/md/rdsk/d8000 -o 1753814016 -b 32507904
d3119 -p /dev/md/rdsk/d8001 -o 1708409856 -b 32507904
d3120 -p /dev/md/rdsk/d8002 -o 1728862208 -b 32507904
d3121 -p /dev/md/rdsk/d8003 -o 1726793728 -b 32507904
d3122 -p /dev/md/rdsk/d8004 -o 1726998528 -b 32507904
d3123 -p /dev/md/rdsk/d8004 -o 1694489600 -b 32507904
d3124 -p /dev/md/rdsk/d8003 -o 1694284800 -b 32507904
d3125 -p /dev/md/rdsk/d8002 -o 1696353280 -b 32507904
d3126 -p /dev/md/rdsk/d8001 -o 1675900928 -b 32507904
d3127 -p /dev/md/rdsk/d8000 -o 1721305088 -b 32507904
d3128 -p /dev/md/rdsk/d8000 -o 1688796160 -b 32507904
d3129 -p /dev/md/rdsk/d8001 -o 1643392000 -b 32507904
d3130 -p /dev/md/rdsk/d8002 -o 1663844352 -b 32507904
d3131 -p /dev/md/rdsk/d8003 -o 1661775872 -b 32507904
d3132 -p /dev/md/rdsk/d8004 -o 1661980672 -b 32507904
d3133 -p /dev/md/rdsk/d8004 -o 1629471744 -b 32507904
d3134 -p /dev/md/rdsk/d8003 -o 1629266944 -b 32507904
d3135 -p /dev/md/rdsk/d8002 -o 1631335424 -b 32507904
d3136 -p /dev/md/rdsk/d8001 -o 1610883072 -b 32507904
d3137 -p /dev/md/rdsk/d8000 -o 1656287232 -b 32507904
d3138 -p /dev/md/rdsk/d8000 -o 1623778304 -b 32507904
d3139 -p /dev/md/rdsk/d8001 -o 1578374144 -b 32507904
d3140 -p /dev/md/rdsk/d8002 -o 1598826496 -b 32507904
d3141 -p /dev/md/rdsk/d8003 -o 1596758016 -b 32507904
d3142 -p /dev/md/rdsk/d8004 -o 1596962816 -b 32507904
d3143 -p /dev/md/rdsk/d8004 -o 1564453888 -b 32507904
d3144 -p /dev/md/rdsk/d8003 -o 1564249088 -b 32507904
d3145 -p /dev/md/rdsk/d8002 -o 1566317568 -b 32507904
d3146 -p /dev/md/rdsk/d8001 -o 1545865216 -b 32507904
d3147 -p /dev/md/rdsk/d8000 -o 1591269376 -b 32507904
d3148 -p /dev/md/rdsk/d8000 -o 1558760448 -b 32507904
d3149 -p /dev/md/rdsk/d8001 -o 1513356288 -b 32507904
d3150 -p /dev/md/rdsk/d8002 -o 1533808640 -b 32507904
d3151 -p /dev/md/rdsk/d8003 -o 1531740160 -b 32507904
d3152 -p /dev/md/rdsk/d8004 -o 1531944960 -b 32507904
d3153 -p /dev/md/rdsk/d8004 -o 1499436032 -b 32507904
d3154 -p /dev/md/rdsk/d8003 -o 1499231232 -b 32507904
d3155 -p /dev/md/rdsk/d8002 -o 1501299712 -b 32507904
d3156 -p /dev/md/rdsk/d8001 -o 1480847360 -b 32507904
d3157 -p /dev/md/rdsk/d8000 -o 1526251520 -b 32507904
d2282 -p /dev/md/rdsk/d8001 -o 1480020992 -b 825344
d2258 -p /dev/md/rdsk/d8000 -o 1519731712 -b 6518784
d2259 -p /dev/md/rdsk/d8000 -o 1513211904 -b 6518784
d2260 -p /dev/md/rdsk/d8001 -o 1473501184 -b 6518784
d2261 -p /dev/md/rdsk/d8002 -o 1494779904 -b 6518784
d2262 -p /dev/md/rdsk/d8003 -o 1484212224 -b 15017984
d2263 -p /dev/md/rdsk/d8004 -o 1484417024 -b 15017984
d2264 -p /dev/md/rdsk/d8004 -o 1469398016 -b 15017984
d2265 -p /dev/md/rdsk/d8003 -o 1469193216 -b 15017984
d2274 -p /dev/md/rdsk/d8002 -o 1478777856 -b 16001024
d2275 -p /dev/md/rdsk/d8001 -o 1457499136 -b 16001024
d2276 -p /dev/md/rdsk/d8000 -o 1497209856 -b 16001024
d2277 -p /dev/md/rdsk/d8000 -o 1481207808 -b 16001024
d2278 -p /dev/md/rdsk/d8001 -o 1441497088 -b 16001024
d2279 -p /dev/md/rdsk/d8002 -o 1462775808 -b 16001024
d2280 -p /dev/md/rdsk/d8003 -o 1453191168 -b 16001024
d2281 -p /dev/md/rdsk/d8004 -o 1453395968 -b 16001024
d2266 -p /dev/md/rdsk/d8004 -o 1422197760 -b 31197184
d2267 -p /dev/md/rdsk/d8003 -o 1421992960 -b 31197184
d2268 -p /dev/md/rdsk/d8002 -o 1431577600 -b 31197184
d2269 -p /dev/md/rdsk/d8001 -o 1410298880 -b 31197184
d2200 -p /dev/md/rdsk/d8000 -o 1448903680 -b 32303104
d2201 -p /dev/md/rdsk/d8000 -o 1416599552 -b 32303104
d2202 -p /dev/md/rdsk/d8001 -o 1377994752 -b 32303104
d2203 -p /dev/md/rdsk/d8002 -o 1399273472 -b 32303104
d2204 -p /dev/md/rdsk/d8003 -o 1389688832 -b 32303104
d2205 -p /dev/md/rdsk/d8004 -o 1389893632 -b 32303104
d2206 -p /dev/md/rdsk/d8004 -o 1357589504 -b 32303104
```

```
d2207 -p /dev/md/rdsk/d8003 -o 1357384704 -b 32303104
d2208 -p /dev/md/rdsk/d8002 -o 1366969344 -b 32303104
d2209 -p /dev/md/rdsk/d8001 -o 1345690624 -b 32303104
d2210 -p /dev/md/rdsk/d8000 -o 1384295424 -b 32303104
d2211 -p /dev/md/rdsk/d8000 -o 1351991296 -b 32303104
d2212 -p /dev/md/rdsk/d8001 -o 1313386496 -b 32303104
d2213 -p /dev/md/rdsk/d8002 -o 1334665216 -b 32303104
d2214 -p /dev/md/rdsk/d8003 -o 1325080576 -b 32303104
d2215 -p /dev/md/rdsk/d8004 -o 1325285376 -b 32303104
d2216 -p /dev/md/rdsk/d8004 -o 1292981248 -b 32303104
d2217 -p /dev/md/rdsk/d8003 -o 1292776448 -b 32303104
d2218 -p /dev/md/rdsk/d8002 -o 1302361088 -b 32303104
d2219 -p /dev/md/rdsk/d8001 -o 1281082368 -b 32303104
d2220 -p /dev/md/rdsk/d8000 -o 1319687168 -b 32303104
d2221 -p /dev/md/rdsk/d8000 -o 1287383040 -b 32303104
d2222 -p /dev/md/rdsk/d8001 -o 1248778240 -b 32303104
d2223 -p /dev/md/rdsk/d8002 -o 1270056960 -b 32303104
d2224 -p /dev/md/rdsk/d8003 -o 1260472320 -b 32303104
d2225 -p /dev/md/rdsk/d8004 -o 1260677120 -b 32303104
d2226 -p /dev/md/rdsk/d8004 -o 1228372992 -b 32303104
d2227 -p /dev/md/rdsk/d8003 -o 1228168192 -b 32303104
d2228 -p /dev/md/rdsk/d8002 -o 1237752832 -b 32303104
d2229 -p /dev/md/rdsk/d8001 -o 1216474112 -b 32303104
d2230 -p /dev/md/rdsk/d8000 -o 1255078912 -b 32303104
d2231 -p /dev/md/rdsk/d8000 -o 1222774784 -b 32303104
d2232 -p /dev/md/rdsk/d8001 -o 1184169984 -b 32303104
d2233 -p /dev/md/rdsk/d8002 -o 1205448704 -b 32303104
d2234 -p /dev/md/rdsk/d8003 -o 1195864064 -b 32303104
d2235 -p /dev/md/rdsk/d8004 -o 1196068864 -b 32303104
d2236 -p /dev/md/rdsk/d8004 -o 1163764736 -b 32303104
d2237 -p /dev/md/rdsk/d8003 -o 1163559936 -b 32303104
d2270 -p /dev/md/rdsk/d8002 -o 1163559936 -b 41887744
d2271 -p /dev/md/rdsk/d8001 -o 1142281216 -b 41887744
d2272 -p /dev/md/rdsk/d8000 -o 1180886016 -b 41887744
d2273 -p /dev/md/rdsk/d8000 -o 1138997248 -b 41887744
d2238 -p /dev/md/rdsk/d8001 -o 1009604608 -b 132675584
d2239 -p /dev/md/rdsk/d8002 -o 1030883328 -b 132675584
d2240 -p /dev/md/rdsk/d8003 -o 1030883328 -b 132675584
d2241 -p /dev/md/rdsk/d8004 -o 1031088128 -b 132675584
d2242 -p /dev/md/rdsk/d8004 -o 898411520 -b 132675584
d2243 -p /dev/md/rdsk/d8003 -o 898206720 -b 132675584
d2244 -p /dev/md/rdsk/d8002 -o 898206720 -b 132675584
d2245 -p /dev/md/rdsk/d8001 -o 876928000 -b 132675584
d2246 -p /dev/md/rdsk/d8000 -o 1006320640 -b 132675584
d2247 -p /dev/md/rdsk/d8000 -o 873644032 -b 132675584
d2248 -p /dev/md/rdsk/d8001 -o 744251392 -b 132675584
d2249 -p /dev/md/rdsk/d8002 -o 765530112 -b 132675584
d2250 -p /dev/md/rdsk/d8003 -o 765530112 -b 132675584
d2251 -p /dev/md/rdsk/d8004 -o 765734912 -b 132675584
d2252 -p /dev/md/rdsk/d8004 -o 633058304 -b 132675584
d2253 -p /dev/md/rdsk/d8003 -o 632853504 -b 132675584
d2254 -p /dev/md/rdsk/d8002 -o 632853504 -b 132675584
d2255 -p /dev/md/rdsk/d8001 -o 611574784 -b 132675584
d2256 -p /dev/md/rdsk/d8000 -o 740967424 -b 132675584
d2257 -p /dev/md/rdsk/d8000 -o 608290816 -b 132675584
d2101 -p /dev/md/rdsk/d8001 -o 608290816 -b 3282944
d2158 -p /dev/md/rdsk/d8002 -o 608290816 -b 24561664
d2159 -p /dev/md/rdsk/d8003 -o 608290816 -b 24561664
d2160 -p /dev/md/rdsk/d8004 -o 608495616 -b 24561664
d2161 -p /dev/md/rdsk/d8004 -o 583932928 -b 24561664
d2162 -p /dev/md/rdsk/d8003 -o 583728128 -b 24561664
d2163 -p /dev/md/rdsk/d8002 -o 583728128 -b 24561664
d2164 -p /dev/md/rdsk/d8001 -o 583728128 -b 24561664
d2165 -p /dev/md/rdsk/d8000 -o 583728128 -b 24561664
d2166 -p /dev/md/rdsk/d8000 -o 551424000 -b 32303104
d2167 -p /dev/md/rdsk/d8001 -o 551424000 -b 32303104
d2168 -p /dev/md/rdsk/d8002 -o 551424000 -b 32303104
d2169 -p /dev/md/rdsk/d8003 -o 551424000 -b 32303104
d2170 -p /dev/md/rdsk/d8004 -o 551628800 -b 32303104
d2171 -p /dev/md/rdsk/d8004 -o 519324672 -b 32303104
d2172 -p /dev/md/rdsk/d8003 -o 519119872 -b 32303104
d2173 -p /dev/md/rdsk/d8002 -o 519119872 -b 32303104
d2174 -p /dev/md/rdsk/d8001 -o 519119872 -b 32303104
d2175 -p /dev/md/rdsk/d8000 -o 519119872 -b 32303104
d2176 -p /dev/md/rdsk/d8000 -o 486815744 -b 32303104
d2177 -p /dev/md/rdsk/d8001 -o 486815744 -b 32303104
d2178 -p /dev/md/rdsk/d8002 -o 486815744 -b 32303104
d2179 -p /dev/md/rdsk/d8003 -o 486815744 -b 32303104
d2180 -p /dev/md/rdsk/d8004 -o 487020544 -b 32303104
d2181 -p /dev/md/rdsk/d8004 -o 454716416 -b 32303104
d2182 -p /dev/md/rdsk/d8003 -o 454511616 -b 32303104
d2183 -p /dev/md/rdsk/d8002 -o 454511616 -b 32303104
d2184 -p /dev/md/rdsk/d8001 -o 454511616 -b 32303104
d2185 -p /dev/md/rdsk/d8000 -o 454511616 -b 32303104
d2186 -p /dev/md/rdsk/d8000 -o 422207488 -b 32303104
d2187 -p /dev/md/rdsk/d8001 -o 422207488 -b 32303104
d2188 -p /dev/md/rdsk/d8002 -o 422207488 -b 32303104
d2189 -p /dev/md/rdsk/d8003 -o 422207488 -b 32303104
d2190 -p /dev/md/rdsk/d8004 -o 422412288 -b 32303104
d2191 -p /dev/md/rdsk/d8004 -o 390108160 -b 32303104
d2192 -p /dev/md/rdsk/d8003 -o 389903360 -b 32303104
d2193 -p /dev/md/rdsk/d8002 -o 389903360 -b 32303104
d2194 -p /dev/md/rdsk/d8001 -o 389903360 -b 32303104
d2195 -p /dev/md/rdsk/d8000 -o 389903360 -b 32303104
d2196 -p /dev/md/rdsk/d8000 -o 357599232 -b 32303104
d2197 -p /dev/md/rdsk/d8001 -o 357599232 -b 32303104
d2198 -p /dev/md/rdsk/d8002 -o 357599232 -b 32303104
d2199 -p /dev/md/rdsk/d8003 -o 357599232 -b 32303104
d2102 -p /dev/md/rdsk/d8004 -o 357599232 -b 32507904
d2103 -p /dev/md/rdsk/d8004 -o 325090304 -b 32507904
d2104 -p /dev/md/rdsk/d8003 -o 325090304 -b 32507904
d2105 -p /dev/md/rdsk/d8002 -o 325090304 -b 32507904
d2106 -p /dev/md/rdsk/d8001 -o 325090304 -b 32507904
d2107 -p /dev/md/rdsk/d8000 -o 325090304 -b 32507904
d2108 -p /dev/md/rdsk/d8000 -o 292581376 -b 32507904
d2109 -p /dev/md/rdsk/d8001 -o 292581376 -b 32507904
d2110 -p /dev/md/rdsk/d8002 -o 292581376 -b 32507904
d2111 -p /dev/md/rdsk/d8003 -o 292581376 -b 32507904
d2112 -p /dev/md/rdsk/d8004 -o 292581376 -b 32507904
d2113 -p /dev/md/rdsk/d8004 -o 260072448 -b 32507904
d2114 -p /dev/md/rdsk/d8003 -o 260072448 -b 32507904
d2115 -p /dev/md/rdsk/d8002 -o 260072448 -b 32507904
d2116 -p /dev/md/rdsk/d8001 -o 260072448 -b 32507904
d2117 -p /dev/md/rdsk/d8000 -o 260072448 -b 32507904
d2118 -p /dev/md/rdsk/d8000 -o 227563520 -b 32507904
d2119 -p /dev/md/rdsk/d8001 -o 227563520 -b 32507904
d2120 -p /dev/md/rdsk/d8002 -o 227563520 -b 32507904
d2121 -p /dev/md/rdsk/d8003 -o 227563520 -b 32507904
d2122 -p /dev/md/rdsk/d8004 -o 227563520 -b 32507904
d2123 -p /dev/md/rdsk/d8004 -o 195054592 -b 32507904
d2124 -p /dev/md/rdsk/d8003 -o 195054592 -b 32507904
d2125 -p /dev/md/rdsk/d8002 -o 195054592 -b 32507904
d2126 -p /dev/md/rdsk/d8001 -o 195054592 -b 32507904
d2127 -p /dev/md/rdsk/d8000 -o 195054592 -b 32507904
d2128 -p /dev/md/rdsk/d8000 -o 162545664 -b 32507904
d2129 -p /dev/md/rdsk/d8001 -o 162545664 -b 32507904
d2130 -p /dev/md/rdsk/d8002 -o 162545664 -b 32507904
d2131 -p /dev/md/rdsk/d8003 -o 162545664 -b 32507904
d2132 -p /dev/md/rdsk/d8004 -o 162545664 -b 32507904
d2133 -p /dev/md/rdsk/d8004 -o 130036736 -b 32507904
d2134 -p /dev/md/rdsk/d8003 -o 130036736 -b 32507904
d2135 -p /dev/md/rdsk/d8002 -o 130036736 -b 32507904
d2136 -p /dev/md/rdsk/d8001 -o 130036736 -b 32507904
d2137 -p /dev/md/rdsk/d8000 -o 130036736 -b 32507904
d2138 -p /dev/md/rdsk/d8000 -o 97527808 -b 32507904
d2139 -p /dev/md/rdsk/d8001 -o 97527808 -b 32507904
d2140 -p /dev/md/rdsk/d8002 -o 97527808 -b 32507904
d2141 -p /dev/md/rdsk/d8003 -o 97527808 -b 32507904
d2142 -p /dev/md/rdsk/d8004 -o 97527808 -b 32507904
d2143 -p /dev/md/rdsk/d8004 -o 65018880 -b 32507904
d2144 -p /dev/md/rdsk/d8003 -o 65018880 -b 32507904
d2145 -p /dev/md/rdsk/d8002 -o 65018880 -b 32507904
d2146 -p /dev/md/rdsk/d8001 -o 65018880 -b 32507904
d2147 -p /dev/md/rdsk/d8000 -o 65018880 -b 32507904
d2148 -p /dev/md/rdsk/d8000 -o 32509952 -b 32507904
d2149 -p /dev/md/rdsk/d8001 -o 32509952 -b 32507904
d2150 -p /dev/md/rdsk/d8002 -o 32509952 -b 32507904
d2151 -p /dev/md/rdsk/d8003 -o 32509952 -b 32507904
d2152 -p /dev/md/rdsk/d8004 -o 32509952 -b 32507904
d2153 -p /dev/md/rdsk/d8004 -o 1024 -b 32507904
d2154 -p /dev/md/rdsk/d8003 -o 1024 -b 32507904
d2155 -p /dev/md/rdsk/d8002 -o 1024 -b 32507904
d2156 -p /dev/md/rdsk/d8001 -o 1024 -b 32507904
d2157 -p /dev/md/rdsk/d8000 -o 1024 -b 32507904
Fri Dec  2 09:58:10 PST 2011
end syvols_luns
```

COMSTAR REDO Heads

uname

SunOS dcredo1 5.11 snv_151a i86pc i386 i86pc

prtdiag

```
.....
System Configuration: SUN MICROSYSTEMS SUN FIRE X4275 SERVER
BIOS Configuration: American Megatrends Inc. 07060223 03/04/2010
BMC Configuration: IPMI 1.5 (KCS: Keyboard Controller Style)

==== Processor Sockets ====================================

Version                          Location Tag
-------------------------------- --------------------------
Intel(R) Xeon(R) CPU           E5540  @ 2.53GHz CPU 1

==== Memory Device Sockets ================================

Type        Status Set Device Locator      Bank Locator
----------- ------ --- -------------------- ----------------
Unknown     in use 0   D2                   BANK2
Unknown     empty  0   D1                   BANK1
Unknown     empty  0   D0                   BANK0
Unknown     in use 0   D5                   BANK5
Unknown     empty  0   D4                   BANK4
Unknown     empty  0   D3                   BANK3
Unknown     in use 0   D8                   BANK8
Unknown     empty  0   D7                   BANK7
Unknown     empty  0   D6                   BANK6
Unknown     empty  0   D2                   BANK2
Unknown     empty  0   D1                   BANK1
Unknown     empty  0   D0                   BANK0
Unknown     empty  0   D5                   BANK5
Unknown     empty  0   D4                   BANK4
Unknown     empty  0   D3                   BANK3
Unknown     empty  0   D8                   BANK8
Unknown     empty  0   D7                   BANK7
Unknown     empty  0   D6                   BANK6
FLASH       in use 0

==== On-Board Devices =====================================
 Zoar 2x GbE.
 Zoar 2x GbE.
 Zoar 2x GbE.
 Zoar 2x GbE.

==== Upgradeable Slots ====================================

ID  Status    Type            Description
--- --------- --------------- ----------------------------
0   in use    PCI Express     PCIE0
1   available PCI Express     PCIE1
2   available PCI Express     PCIE2
3   in use    PCI Express     PCIE3
4   available PCI Express     PCIE4
5   available PCI Express     PCIE5
.....
```

prtconf

```
.....
System Configuration:  Oracle Corporation  i86pc
Memory size: 6136 Megabytes
System Peripherals (Software Nodes):

i86pc
    scsi_vhci, instance #0
    pci, instance #0
        pci108e,4845 (driver not attached)
        pci8086,3408, instance #0
            pci108e,0, instance #0
            pci108e,0, instance #1 (driver not attached)
        pci8086,3409, instance #1
            pci108e,0, instance #2 (driver not attached)
            pci108e,0, instance #3 (driver not attached)
        pci8086,340a, instance #2
            pci1077,171, instance #0
            pci1077,171, instance #1
        pci8086,340c, instance #3
            pci1000,9263, instance #0
                sd, instance #0
                sd, instance #2
        pci8086,340e, instance #4
            pci111d,806e, instance #6
                pci111d,806e, instance #7
                pci111d,806e, instance #8
        pci8086,3410, instance #5
            pci111d,806e, instance #9
                pci111d,806e, instance #10
                pci111d,806e, instance #11
        pci8086,342d (driver not attached)
        pci8086,342e (driver not attached)
        pci8086,3422 (driver not attached)
        pci8086,3423, instance #0
        pci8086,3438 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845 (driver not attached)
        pci108e,4845, instance #0
        pci108e,4845, instance #1
        pci108e,4845, instance #2
            device, instance #0
                keyboard, instance #0
                mouse, instance #1
        pci108e,4845, instance #0
            hub, instance #0
        pci108e,4845, instance #3
        pci108e,4845, instance #4
        pci108e,4845, instance #5
        pci108e,4845, instance #1
            storage, instance #0
                disk, instance #1
        pci8086,244e, instance #0
            display, instance #0
            isa, instance #0
                motherboard (driver not attached)
                asy, instance #0
                motherboard (driver not attached)
                pit_beep, instance #0
            pci108e,4845, instance #0
            pci108e,4845 (driver not attached)
        ioapics (driver not attached)
            ioapic, instance #0 (driver not attached)
        fw, instance #0
            cpu, instance #0
            cpu, instance #1
            cpu, instance #2
            cpu, instance #3
            cpu, instance #4
            cpu, instance #5
            cpu, instance #6
            cpu, instance #7
            sb, instance #1
        used-resources (driver not attached)
        iscsi, instance #0
        options, instance #0
        pseudo, instance #0
        agpgart, instance #0 (driver not attached)
        xsvc, instance #0
.....
```

format

```
Searching for disks...done


AVAILABLE DISK SELECTIONS:
       0. c7t0d0 <LSI cyl 60754 alt 2 hd 255 sec 252>
          /pci@0,0/pci8086,340c@5/pci1000,9263@0/sd@0,0
       1. c7t1d0 <LSI-MR9261-8i-2.50-18.18TB>
          /pci@0,0/pci8086,340c@5/pci1000,9263@0/sd@1,0
       2. c8t0d0 <TUSB625-USB20 DISK DRIV- cyl 1946 alt 2 hd 255 sec 63>
          /pci@0,0/pci108e,4845@1d,7/storage@1/disk@0,0
Specify disk (enter its number): 1
selecting c7t1d0
[disk formatted]
/dev/dsk/c7t1d0s4 is part of SVM volume stripe:d120. Please see
metaclear(1M).
/dev/dsk/c7t1d0s5 is part of SVM volume stripe:d130. Please see
metaclear(1M).
/dev/dsk/c7t1d0s6 contains an SVM mdb. Please see metadb(1M).


FORMAT MENU:
        disk       - select a disk
        type       - select (define) a disk type
        partition  - select (define) a partition table
        current    - describe the current disk
        format     - format and analyze the disk
        fdisk      - run the fdisk program
        repair     - repair a defective sector
```

```
      label     - write label to the disk
      analyze   - surface analysis
      defect    - defect list management
      backup    - search for backup labels
      verify    - read and display labels
      inquiry   - show vendor, product and revision
      volname   - set 8-character volume name
      !<cmd>    - execute <cmd>, then return
      quit
format> p


PARTITION MENU:
      0      - change `0' partition
      1      - change `1' partition
      2      - change `2' partition
      3      - change `3' partition
      4      - change `4' partition
      5      - change `5' partition
      6      - change `6' partition
      expand - expand label to use whole disk
      select - select a predefined table
      modify - modify a predefined partition table
      name   - name the current table
      print  - display the current table
      label  - write partition map and label to the disk
      !<cmd> - execute <cmd>, then return
      quit
partition> p
Current partition table (original):
Total disk sectors available: 39042932669 + 16384 (reserved sectors)

Part      Tag    Flag     First Sector         Size         Last Sector
  0        usr    wm               34       700.00GB          1468006433
  1        usr    wm       1468006434        700.00GB          2936012833
  2        usr    wm       2936012834        100.00GB          3145728033
  3        usr    wm       3145728034        100.00GB          3355443233
  4        usr    wm       3355443234         8.00TB          20535312417
  5        usr    wm      20535312418         8.00TB          37715181601
  6        usr    wm      37715181602       100.00MB          37715386401
  8   reserved    wm      39042932703         8.00MB          39042949086
```

/etc/vfstab

```
#device        device         mount          FS      fsck    mount   mount
#to mount       to fsck        point          type    pass    at boot options
#
/devices       -              /devices       devfs   -       no      -
/proc          -              /proc          proc    -       no      -
ctfs           -              /system/contract ctfs  -       no      -
objfs          -              /system/object objfs   -       no      -
sharefs        -              /etc/dfs/sharetab      sharefs -       no -
fd             -              /dev/fd        fd      -       no      -
swap           -              /tmp           tmpfs   -       yes     -

/dev/zvol/dsk/rpool/swap       -              -       swap    - no    -
```

/etc/system

```
.......................................
                    Oracle Solaris 11 Express snv_151a X86
     Copyright (c) 2010, Oracle and/or its affiliates.  All rights reserved.
                         Assembled 04 November 2010
.......................................
*ident       "%Z%%M%              %I%         %E% SMI" /* SVR4 1.5 */
*
* CDDL HEADER START
*
* The contents of this file are subject to the terms of the
* Common Development and Distribution License, Version 1.0 only
* (the "License").  You may not use this file except in compliance
* with the License.
*
* You can obtain a copy of the license at usr/src/OPENSOLARIS.LICENSE
* or http://www.opensolaris.org/os/licensing.
* See the License for the specific language governing permissions
* and limitations under the License.
*
* When distributing Covered Code, include this CDDL HEADER in each
* file and include the License file at usr/src/OPENSOLARIS.LICENSE.
* If applicable, add the following below this CDDL HEADER, with the
* fields enclosed by brackets "[]" replaced with your own identifying
* information: Portions Copyright [yyyy] [name of copyright owner]
*
* CDDL HEADER END
*
*
* SYSTEM SPECIFICATION FILE
*


* moddir:
*
*       Set the search path for modules.  This has a format similar to the
*       csh path variable. If the module isn't found in the first directory
*       it tries the second and so on. The default is /kernel /usr/kernel
*
*       Example:
*               moddir: /kernel /usr/kernel /other/modules



* root device and root filesystem configuration:
*
*       The following may be used to override the defaults provided by
*       the boot program:
*
*       rootfs:         Set the filesystem type of the root.
*
*       rootdev:    Set the root device.  This should be a fully
*                       expanded physical pathname.  The default is the
*                       physical pathname of the device where the boot
*                       program resides.  The physical pathname is
*                       highly platform and configuration dependent.
*
*       Example:
*               rootfs:ufs
*               rootdev:/sbus@1,f8000000/esp@0,800000/sd@3,0:a
*
*       (Swap device configuration should be specified in /etc/vfstab.)


* exclude:
*
*       Modules appearing in the moddir path which are NOT to be loaded,
*       even if referenced. Note that `exclude' accepts either a module name,
*       or a filename which includes the directory.
*
*       Examples:
*               exclude: win
*               exclude: sys/shmsys


* forceload:
*
*       Cause these modules to be loaded at boot time, (just before mounting
*       the root filesystem) rather than at first reference. Note that
*       forceload expects a filename which includes the directory. Also
*       note that loading a module does not necessarily imply that it will
*       be installed.
*
*       Example:
*               forceload: drv/foo


* set:
*
*       Set an integer variable in the kernel or a module to a new value.
*       This facility should be used with caution.  See system(4).
*
*       Examples:
*
*       To set variables in 'unix':
*
*               set nautopush=32
*               set maxusers=40
*
*       To set a variable named 'debug' in the module named 'test_module'
*
*               set test_module:debug = 0x13

set autoup=300
* As per Paul's recommend:
set maxphys=262144
```

.....

mpt.conf

.....

```
#
# Copyright 2008 Sun Microsystems, Inc.  All rights reserved.
# Use is subject to license terms.
#

#
# The mpt driver, as a pHCI driver, must specify the vHCI class it
# belongs to(scsi_vhci).
#
ddi-vhci-class="scsi_vhci";
#
# I/O multipathing feature (MPxIO) can be enabled or disabled using
# mpxio-disable property. Setting mpxio-disable="no" will activate
# I/O multipathing; setting mpxio-disable="yes" disables the feature.
#
# Global mpxio-disable property:
#
# To globally enable MPxIO on all mpt controllers set:
# mpxio-disable="no";
#
# To globally disable MPxIO on all mpt controllers set:
# mpxio-disable="yes";
#
# You can also enable or disable MPxIO on a per HBA basis.
# Per HBA settings override the global setting for the specified HBAs.
# To disable MPxIO on a controller whose parent is /pci@7c0/pci@0/pci@9
# and the unit-address is "0" set:
# name="mpt" parent="/pci@7c0/pci@0/pci@9" unit-address="0" mpxio-
disable="yes";
#
mpxio-disable="yes";

#
# SATA mpxio supported
#
# To disable SATA mpxio, set
# disable-sata-mpxio="yes";
# When mpxio-disable="yes" is set, the disable-sata-mpxio property
# takes no effect
#
disable-sata-mpxio="no";
```

.....

```
system:0:::
user.root:1:::
noproject:2:::
default:3:::
group.staff:10:::
```

.....

```
Fri Dec  2 10:33:36 PST 2011
end sysostune
```

niwot.conf

```
Adapter 0 -- Virtual Drive Information:
Virtual Disk: 1 (Target Id: 1)
Name:
RAID Level: Primary-0, Secondary-0, RAID Level Qualifier-0
Size:18.180 TB
State: Optimal
Stripe Size: 256 KB
Number Of Drives:10
Span Depth:1
Default Cache Policy: WriteBack, ReadAheadNone, Cached, Write Cache
OK if Bad BBU
Current Cache Policy: WriteBack, ReadAheadNone, Cached, Write Cache
OK if Bad BBU
Access Policy: Read/Write
Disk Cache Policy: Disabled
Encryption Type: None

Exit Code: 0x00
Fri Dec  2 10:33:28 PST 2011
List all Software Volumes and COMSTAR LUNS
```

.....

```
 This lists the attached storage (format) for DATA COMSTAR unit ...
Fri Dec  2 10:33:28 PST 2011
```

.....

sbadm

```
Found 84 LU(s)

                GUID                    DATA SIZE         SOURCE
--------------------------------  -------------------  ----------------
600144f0054c0f00000000000a01d200  13045268480
/dev/md/rdsk/d200
600144f0054c0f00000000000a01d201  13045268480
/dev/md/rdsk/d201
600144f0054c0f00000000000a01d202  13045268480
/dev/md/rdsk/d202
600144f0054c0f00000000000a01d203  13045268480
/dev/md/rdsk/d203
600144f0054c0f00000000000a01d204  13045268480
/dev/md/rdsk/d204
600144f0054c0f00000000000a01d205  13045268480
/dev/md/rdsk/d205
600144f0054c0f00000000000a01d206  13045268480
/dev/md/rdsk/d206
600144f0054c0f00000000000a01d207  13045268480
/dev/md/rdsk/d207
600144f0054c0f00000000000a01d208  13045268480
/dev/md/rdsk/d208
600144f0054c0f00000000000a01d209  13045268480
/dev/md/rdsk/d209
600144f0054c0f00000000000a01d210  13045268480
/dev/md/rdsk/d210
600144f0054c0f00000000000a01d211  13045268480
/dev/md/rdsk/d211
600144f0054c0f00000000000a01d212  13045268480
/dev/md/rdsk/d212
600144f0054c0f00000000000a01d213  13045268480
/dev/md/rdsk/d213
600144f0054c0f00000000000a01d214  13045268480
/dev/md/rdsk/d214
600144f0054c0f00000000000a01d215  13045268480
/dev/md/rdsk/d215
600144f0054c0f00000000000a01d216  13045268480
/dev/md/rdsk/d216
600144f0054c0f00000000000a01d217  13045268480
/dev/md/rdsk/d217
600144f0054c0f00000000000a01d218  13045268480
/dev/md/rdsk/d218
600144f0054c0f00000000000a01d219  13045268480
/dev/md/rdsk/d219
600144f0054c0f00000000000a01d220  13045268480
/dev/md/rdsk/d220
600144f0054c0f00000000000a01d221  13045268480
/dev/md/rdsk/d221
600144f0054c0f00000000000a01d222  13045268480
/dev/md/rdsk/d222
600144f0054c0f00000000000a01d223  13045268480
/dev/md/rdsk/d223
600144f0054c0f00000000000a01d224  13045268480
/dev/md/rdsk/d224
600144f0054c0f00000000000a01d225  13045268480
/dev/md/rdsk/d225
600144f0054c0f00000000000a01d226  13045268480
/dev/md/rdsk/d226
600144f0054c0f00000000000a01d227  13045268480
/dev/md/rdsk/d227
600144f0054c0f00000000000a01d228  13045268480
/dev/md/rdsk/d228
600144f0054c0f00000000000a01d229  13045268480
/dev/md/rdsk/d229
600144f0054c0f00000000000a01d230  13045268480
/dev/md/rdsk/d230
600144f0054c0f00000000000a01d231  13045268480
/dev/md/rdsk/d231
600144f0054c0f00000000000a01d232  13045268480
/dev/md/rdsk/d232
600144f0054c0f00000000000a01d233  13045268480
/dev/md/rdsk/d233
600144f0054c0f00000000000a01d234  13045268480
/dev/md/rdsk/d234
600144f0054c0f00000000000a01d235  13045268480
/dev/md/rdsk/d235
600144f0054c0f00000000000a01d236  13045268480
/dev/md/rdsk/d236
600144f0054c0f00000000000a01d237  13045268480
/dev/md/rdsk/d237
600144f0054c0f00000000000a01d238  13045268480
/dev/md/rdsk/d238
600144f0054c0f00000000000a01d239  13045268480
/dev/md/rdsk/d239
600144f0054c0f00000000000a01d240  13045268480
/dev/md/rdsk/d240
```

```
600144f0054c0f00000000000a01d241  13045268480
/dev/md/rdsk/d241
600144f0054c0f00000000000a01d242  13045268480
/dev/md/rdsk/d242
600144f0054c0f00000000000a01d243  13045268480
/dev/md/rdsk/d243
600144f0054c0f00000000000a01d244  13045268480
/dev/md/rdsk/d244
600144f0054c0f00000000000a01d245  13045268480
/dev/md/rdsk/d245
600144f0054c0f00000000000a01d246  13045268480
/dev/md/rdsk/d246
600144f0054c0f00000000000a01d247  13045268480
/dev/md/rdsk/d247
600144f0054c0f00000000000a01d248  13045268480
/dev/md/rdsk/d248
600144f0054c0f00000000000a01d249  13045268480
/dev/md/rdsk/d249
600144f0054c0f00000000000a01d250  13045268480
/dev/md/rdsk/d250
600144f0054c0f00000000000a01d251  13045268480
/dev/md/rdsk/d251
600144f0054c0f00000000000a01d252  13045268480
/dev/md/rdsk/d252
600144f0054c0f00000000000a01d253  13045268480
/dev/md/rdsk/d253
600144f0054c0f00000000000a01d254  13045268480
/dev/md/rdsk/d254
600144f0054c0f00000000000a01d255  13045268480
/dev/md/rdsk/d255
600144f0054c0f00000000000a01d256  13045268480
/dev/md/rdsk/d256
600144f0054c0f00000000000a01d257  13045268480
/dev/md/rdsk/d257
600144f0054c0f00000000000a01d258  13045268480
/dev/md/rdsk/d258
600144f0054c0f00000000000a01d259  13045268480
/dev/md/rdsk/d259
600144f0054c0f00000000000a01d260  13045268480
/dev/md/rdsk/d260
600144f0054c0f00000000000a01d261  13045268480
/dev/md/rdsk/d261
600144f0054c0f00000000000a01d262  13045268480
/dev/md/rdsk/d262
600144f0054c0f00000000000a01d263  13045268480
/dev/md/rdsk/d263
600144f0054c0f00000000000a01d264  13045268480
/dev/md/rdsk/d264
600144f0054c0f00000000000a01d265  13045268480
/dev/md/rdsk/d265
600144f0054c0f00000000000a01d266  13045268480
/dev/md/rdsk/d266
600144f0054c0f00000000000a01d267  13045268480
/dev/md/rdsk/d267
600144f0054c0f00000000000a01d268  13045268480
/dev/md/rdsk/d268
600144f0054c0f00000000000a01d269  13045268480
/dev/md/rdsk/d269
600144f0054c0f00000000000a01d270  13045268480
/dev/md/rdsk/d270
600144f0054c0f00000000000a01d271  13045268480
/dev/md/rdsk/d271
600144f0054c0f00000000000a01d272  13045268480
/dev/md/rdsk/d272
600144f0054c0f00000000000a01d273  13045268480
/dev/md/rdsk/d273
600144f0054c0f00000000000a01d274  13045268480
/dev/md/rdsk/d274
600144f0054c0f00000000000a01d275  13045268480
/dev/md/rdsk/d275
600144f0054c0f00000000000a01d276  13045268480
/dev/md/rdsk/d276
600144f0054c0f00000000000a01d277  13045268480
/dev/md/rdsk/d277
600144f0054c0f00000000000a01d278  13045268480
/dev/md/rdsk/d278
600144f0054c0f00000000000a01d279  13045268480
/dev/md/rdsk/d279
600144f0a3770e00000000000a01d300  751619211264
/dev/rdsk/c7t1d0s0
600144f0a3770e00000000000a01d303  751619211264
/dev/rdsk/c7t1d0s1
600144f0a3770e00000000000a01d400  107374116864
/dev/rdsk/c7t1d0s2
600144f0a3770e00000000000a01d403  107374116864
/dev/rdsk/c7t1d0s3
.........................................
```

metastat

```
d7503 -p /dev/md/rdsk/d130 -o 5957666816 -b 1468006000
d130 1 1 /dev/rdsk/c7t1d0s5
d7502 -p /dev/md/rdsk/d130 -o 4489660416 -b 1468006000
d7501 -p /dev/md/rdsk/d130 -o 3021654016 -b 1468006000
d7500 -p /dev/md/rdsk/d130 -o 1553647616 -b 1468006000
d7403 -p /dev/md/rdsk/d120 -o 6442435584 -b 1468006000
d120 1 1 /dev/rdsk/c7t1d0s4
d7402 -p /dev/md/rdsk/d120 -o 4974429184 -b 1468006000
d7401 -p /dev/md/rdsk/d120 -o 3506422784 -b 1468006000
d7400 -p /dev/md/rdsk/d120 -o 2038416384 -b 1468006000
d279 -p /dev/md/rdsk/d120 -o 2012936192 -b 25479168
d278 -p /dev/md/rdsk/d120 -o 1987456000 -b 25479168
d277 -p /dev/md/rdsk/d120 -o 1961975808 -b 25479168
d276 -p /dev/md/rdsk/d120 -o 1936495616 -b 25479168
d275 -p /dev/md/rdsk/d120 -o 1911015424 -b 25479168
d274 -p /dev/md/rdsk/d120 -o 1885535232 -b 25479168
d273 -p /dev/md/rdsk/d120 -o 1860055040 -b 25479168
d272 -p /dev/md/rdsk/d120 -o 1834574848 -b 25479168
d271 -p /dev/md/rdsk/d120 -o 1809094656 -b 25479168
d270 -p /dev/md/rdsk/d120 -o 1783614464 -b 25479168
d269 -p /dev/md/rdsk/d120 -o 1758134272 -b 25479168
d268 -p /dev/md/rdsk/d120 -o 1732654080 -b 25479168
d267 -p /dev/md/rdsk/d120 -o 1707173888 -b 25479168
d266 -p /dev/md/rdsk/d120 -o 1681693696 -b 25479168
d265 -p /dev/md/rdsk/d120 -o 1656213504 -b 25479168
d264 -p /dev/md/rdsk/d120 -o 1630733312 -b 25479168
d263 -p /dev/md/rdsk/d120 -o 1605253120 -b 25479168
d262 -p /dev/md/rdsk/d120 -o 1579772928 -b 25479168
d261 -p /dev/md/rdsk/d120 -o 1554292736 -b 25479168
d260 -p /dev/md/rdsk/d120 -o 1528812544 -b 25479168
d259 -p /dev/md/rdsk/d120 -o 1503332352 -b 25479168
d258 -p /dev/md/rdsk/d120 -o 1477852160 -b 25479168
d257 -p /dev/md/rdsk/d120 -o 1452371968 -b 25479168
d256 -p /dev/md/rdsk/d120 -o 1426891776 -b 25479168
d255 -p /dev/md/rdsk/d120 -o 1401411584 -b 25479168
d254 -p /dev/md/rdsk/d120 -o 1375931392 -b 25479168
d253 -p /dev/md/rdsk/d120 -o 1350451200 -b 25479168
d252 -p /dev/md/rdsk/d120 -o 1324971008 -b 25479168
d251 -p /dev/md/rdsk/d120 -o 1299490816 -b 25479168
d250 -p /dev/md/rdsk/d120 -o 1274010624 -b 25479168
d249 -p /dev/md/rdsk/d120 -o 1248530432 -b 25479168
d248 -p /dev/md/rdsk/d120 -o 1223050240 -b 25479168
d247 -p /dev/md/rdsk/d120 -o 1197570048 -b 25479168
d246 -p /dev/md/rdsk/d120 -o 1172089856 -b 25479168
d245 -p /dev/md/rdsk/d120 -o 1146609664 -b 25479168
d244 -p /dev/md/rdsk/d120 -o 1121129472 -b 25479168
d243 -p /dev/md/rdsk/d120 -o 1095649280 -b 25479168
d242 -p /dev/md/rdsk/d120 -o 1070169088 -b 25479168
d241 -p /dev/md/rdsk/d120 -o 1044688896 -b 25479168
d240 -p /dev/md/rdsk/d120 -o 1019208704 -b 25479168
d239 -p /dev/md/rdsk/d120 -o 993728512 -b 25479168
d238 -p /dev/md/rdsk/d120 -o 968248320 -b 25479168
d237 -p /dev/md/rdsk/d120 -o 942768128 -b 25479168
d236 -p /dev/md/rdsk/d120 -o 917287936 -b 25479168
d235 -p /dev/md/rdsk/d120 -o 891807744 -b 25479168
d234 -p /dev/md/rdsk/d120 -o 866327552 -b 25479168
d233 -p /dev/md/rdsk/d120 -o 840847360 -b 25479168
d232 -p /dev/md/rdsk/d120 -o 815367168 -b 25479168
d231 -p /dev/md/rdsk/d120 -o 789886976 -b 25479168
d230 -p /dev/md/rdsk/d120 -o 764406784 -b 25479168
d229 -p /dev/md/rdsk/d120 -o 738926592 -b 25479168
d228 -p /dev/md/rdsk/d120 -o 713446400 -b 25479168
d227 -p /dev/md/rdsk/d120 -o 687966208 -b 25479168
d226 -p /dev/md/rdsk/d120 -o 662486016 -b 25479168
d225 -p /dev/md/rdsk/d120 -o 637005824 -b 25479168
d224 -p /dev/md/rdsk/d120 -o 611525632 -b 25479168
d223 -p /dev/md/rdsk/d120 -o 586045440 -b 25479168
d222 -p /dev/md/rdsk/d120 -o 560565248 -b 25479168
d221 -p /dev/md/rdsk/d120 -o 535085056 -b 25479168
d220 -p /dev/md/rdsk/d120 -o 509604864 -b 25479168
d219 -p /dev/md/rdsk/d120 -o 484124672 -b 25479168
d218 -p /dev/md/rdsk/d120 -o 458644480 -b 25479168
d217 -p /dev/md/rdsk/d120 -o 433164288 -b 25479168
d216 -p /dev/md/rdsk/d120 -o 407684096 -b 25479168
d215 -p /dev/md/rdsk/d120 -o 382203904 -b 25479168
d214 -p /dev/md/rdsk/d120 -o 356723712 -b 25479168
d213 -p /dev/md/rdsk/d120 -o 331243520 -b 25479168
d212 -p /dev/md/rdsk/d120 -o 305763328 -b 25479168
d211 -p /dev/md/rdsk/d120 -o 280283136 -b 25479168
d210 -p /dev/md/rdsk/d120 -o 254802944 -b 25479168
d209 -p /dev/md/rdsk/d120 -o 229322752 -b 25479168
d208 -p /dev/md/rdsk/d120 -o 203842560 -b 25479168
d207 -p /dev/md/rdsk/d120 -o 178362368 -b 25479168
```

```
d206 -p /dev/md/rdsk/d120 -o 152882176 -b 25479168
d205 -p /dev/md/rdsk/d120 -o 127401984 -b 25479168
d204 -p /dev/md/rdsk/d120 -o 101921792 -b 25479168
d203 -p /dev/md/rdsk/d120 -o 76441600 -b 25479168
d202 -p /dev/md/rdsk/d120 -o 50961408 -b 25479168
d201 -p /dev/md/rdsk/d120 -o 25481216 -b 25479168
d200 -p /dev/md/rdsk/d120 -o 1024 -b 25479168
d7301 -p /dev/md/rdsk/d130 -o 209715200 -b 209714000
d7300 -p /dev/md/rdsk/d130 -o 1024 -b 209714000
d7302 -p /dev/md/rdsk/d130 -o 1343933440 -b 209714000
Fri Dec  2 10:33:28 PST 2011
end syvols_luns
```

Clients

prtdiag

```
System Configuration: SUN MICROSYSTEMS SUN FIRE X4170 M2
SERVER
BIOS Configuration: American Megatrends Inc. 08030103 04/28/2010
BMC Configuration: IPMI 1.5 (KCS: Keyboard Controller Style)

==== Processor Sockets ====================================

Version                          Location Tag
-------------------------------- --------------------------
Intel(R) Xeon(R) CPU           X5670  @ 2.93GHz CPU 0
Intel(R) Xeon(R) CPU           X5670  @ 2.93GHz CPU 1

==== Memory Device Sockets ================================

Type    Status Set Device Locator      Bank Locator
------- ------ --- -------------------- --------------------
Unknown in use 0   D2                   BANK2
Unknown in use 0   D1                   BANK1
Unknown empty  0   D0                   BANK0
Unknown in use 0   D5                   BANK5
Unknown in use 0   D4                   BANK4
Unknown empty  0   D3                   BANK3
Unknown in use 0   D8                   BANK8
Unknown in use 0   D7                   BANK7
Unknown empty  0   D6                   BANK6
Unknown in use 0   D2                   BANK2
Unknown in use 0   D1                   BANK1
Unknown empty  0   D0                   BANK0
Unknown in use 0   D5                   BANK5
Unknown in use 0   D4                   BANK4
Unknown empty  0   D3                   BANK3
Unknown in use 0   D8                   BANK8
Unknown in use 0   D7                   BANK7
Unknown empty  0   D6                   BANK6
FLASH   in use 0

==== On-Board Devices =====================================
 Intel 82576 Ethernet Controller.
 Intel 82576 Ethernet Controller.
 Intel 82576 Ethernet Controller.
 Intel 82576 Ethernet Controller.

==== Upgradeable Slots ====================================

ID  Status    Type           Description
--- --------- ---------------- ----------------------------
0   in use    PCI Express      PCIE0
1   in use    PCI Express      PCIE1
2   available PCI Express      PCIE2
```

prtconf

```
System Configuration:  Sun Microsystems  i86pc
Memory size: 49144 Megabytes
System Peripherals (Software Nodes):

i86pc
    scsi_vhci, instance #0
    isa, instance #0
        motherboard (driver not attached)
        asy, instance #0
        motherboard (driver not attached)
    pci, instance #0
        pci108e,484c (driver not attached)
        pci8086,3408, instance #0
            pci108e,484c, instance #0
            pci108e,484c, instance #1
        pci8086,3409, instance #1
            pci108e,484c, instance #2
            pci108e,484c, instance #3
        pci8086,340a, instance #2
            pci1000,9263, instance #0
                sd, instance #0
                sd, instance #1
        pci8086,340e (driver not attached)
        pci8086,3410 (driver not attached)
        pci8086,342d (driver not attached)
        pci8086,342e (driver not attached)
        pci8086,3422 (driver not attached)
        pci8086,3423, instance #0
        pci8086,3438 (driver not attached)
        pci108e,484c (driver not attached)
        pci108e,484c (driver not attached)
        pci108e,484c (driver not attached)
        pci108e,484c (driver not attached)
        pci108e,484c (driver not attached)
        pci108e,484c (driver not attached)
        pci108e,484c (driver not attached)
        pci108e,484c (driver not attached)
        pci108e,484c, instance #0
        pci108e,484c, instance #1
        pci108e,484c, instance #2
            device, instance #0
                keyboard, instance #0
                mouse, instance #1
        pci108e,484c, instance #0
            hub, instance #1
        pci108e,484c, instance #3
        pci108e,484c, instance #4
        pci108e,484c, instance #5
        pci108e,484c, instance #1
            hub, instance #0
        pci8086,244e, instance #0
            display, instance #0
        pci108e,484c (driver not attached)
        pci108e,484c, instance #0
        pci108e,484c (driver not attached)
    ioapics (driver not attached)
        ioapic, instance #0 (driver not attached)
    iscsi, instance #0
    pseudo, instance #0
    agpgart, instance #0 (driver not attached)
    options, instance #0
    objmgr, instance #0
    xsvc, instance #0 (driver not attached)
    used-resources (driver not attached)
    cpus, instance #0
        cpu, instance #0
        cpu, instance #1
        cpu, instance #2
        cpu, instance #3
        cpu, instance #4
        cpu, instance #5
        cpu, instance #6
        cpu, instance #7
        cpu, instance #8
        cpu, instance #9
        cpu, instance #10
        cpu, instance #11
```

format

```
Searching for disks...done


AVAILABLE DISK SELECTIONS:
       0. c0t0d0 <DEFAULT cyl 17747 alt 2 hd 255 sec 63>
          /pci@0,0/pci8086,340a@3/pci1000,9263@0/sd@0,0
       1. c0t1d0 <DEFAULT cyl 17747 alt 2 hd 255 sec 63>
          /pci@0,0/pci8086,340a@3/pci1000,9263@0/sd@1,0
Specify disk (enter its number):
```

/etc/release

```
                Oracle Solaris 10 9/10 s10x_u9wos_14a X86
   Copyright (c) 2010, Oracle and/or its affiliates. All rights reserved.
                     Assembled 11 August 2010
```

/etc/vfstab

```
#device                 device                  mount                   FS
            fsck        mount       mount
#to mount   to fsck                 point                   type        pass
            at boot     options
#
fd          -           /dev/fd     fd          -           no          -
/proc       -           /proc       proc        -           no          -
/dev/md/dsk/d1          -           -           swap        -           no
            -
```

```
/dev/md/dsk/d0      /dev/md/rdsk/d0     /       ufs     1
        no      -
/devices    -       /devices    devfs   -       no      -
sharefs     -       /etc/dfs/sharetab   sharefs -       no
        -
ctfs        -       /system/contract    ctfs    -       no
        -
objfs       -       /system/object      objfs   -       no
        -
swap        -       /tmp        tmpfs   -       yes     -
```

/etc/hosts

```
#
# Internet host table
#
::1         localhost
127.0.0.1   localhost
10.137.233.1        dccl1 dccl1 x4170-017           loghost
#
##############################################################
#################
#
# Begin 120f DB host table addendum!!  The MASTER lives in:
#
#
# DB to Clientx connections:
192.168.100.1       client1db1 # Foundry FLS-648, port 1 (Client1:igb1)
192.168.100.2       client2db1 # Foundry FLS-648, port 2 (Client2:igb1)
192.168.100.3       client3db1 # Foundry FLS-648, port 3 (Client3:igb1)
192.168.100.4       client4db1 # Foundry FLS-648, port 4 (Client4:igb1)
192.168.100.5       client5db1 # Foundry FLS-648, port 5 (Client5:igb1)
192.168.100.6       client6db1 # Foundry FLS-648, port 6 (Client6:igb1)
192.168.100.7       client7db1 # Foundry FLS-648, port 7 (Client7:igb1)
192.168.100.8       client8db1 # Foundry FLS-648, port 8 (Client8:igb1)
192.168.100.9       client9db1 # Foundry FLS-648, port 9 (Client9:igb1)
192.168.100.10      client10db1         # Foundry FLS-648, port 10
(Client10:igb1)
192.168.100.11      client11db1         # Foundry FLS-648, port 11
(Client11:igb1)
192.168.100.12      client12db1         # Foundry FLS-648, port 12
(Client12:igb1)
192.168.100.13      client13db1         # Foundry FLS-648, port 13
(Client13:igb1)
192.168.100.100     db2all              # 10GbE link to Founry FLS-
648 on ixgb0
# virtual #1: DB to Clientx connections:
192.168.101.1       client1-1db1        # Foundry FLS-648, port 1
(Client1:igb1:1)
192.168.101.2       client2-1db1        # Foundry FLS-648, port 2
(Client2:igb1:1)
192.168.101.3       client3-1db1        # Foundry FLS-648, port 3
(Client3:igb1:1)
192.168.101.4       client4-1db1        # Foundry FLS-648, port 4
(Client4:igb1:1)
192.168.101.5       client5-1db1        # Foundry FLS-648, port 5
(Client5:igb1:1)
192.168.101.6       client6-1db1        # Foundry FLS-648, port 6
(Client6:igb1:1)
192.168.101.7       client7-1db1        # Foundry FLS-648, port 7
(Client7:igb1:1)
192.168.101.8       client8-1db1        # Foundry FLS-648, port 8
(Client8:igb1:1)
192.168.101.9       client9-1db1        # Foundry FLS-648, port 9
(Client9:igb1:1)
192.168.101.10      client10-1db1       # Foundry FLS-648, port 10
(Client10:igb1:1)
192.168.101.11      client11-1db1       # Foundry FLS-648, port 11
(Client11:igb1:1)
192.168.101.12      client12-1db1       # Foundry FLS-648, port 12
(Client12:igb1:1)
192.168.101.13      client13-1db1       # Foundry FLS-648, port 13
(Client13:igb1:1)
192.168.101.100     db2-1all            # 10GbE link to Founry FLS-
648 ixgb0:1
#
##############################################################
#################
#
# Private Point to Point (p2p) connections between ClientX nodes and
# rteX nodes.  Because these are POINT TO POINT, and further, PRIVATE to
# the three node Client/RTE tuples of three, this ONE section good for ALL!!
#

#The following is GENERIC FOR ALL CLIENT DRIVER TUPLES!
192.168.200.1   drvrte1     # p2p, client driver 1, clientX:igb2
192.168.200.2   rte1drv     # p2p, client driver 1, rteX-1:igb2
192.168.201.1   drvrte2     # p2p, client driver 2, clientX:igb3
192.168.201.2   rte2drv     # p2p, client driver 2, rteX-2:igb3
#
# endit: client2driver (or RTE) p2p's
```

/etc/system

```
*ident      "@(#)system         1.18        97/06/27 SMI" /* SVR4 1.5 */
*
* SYSTEM SPECIFICATION FILE
*
* moddir:
*
*           Set the search path for modules.  This has a format similar to the
*           csh path variable. If the module isn't found in the first directory
*           it tries the second and so on. The default is /kernel /usr/kernel
*
*           Example:
*                       moddir: /kernel /usr/kernel /other/modules

* root device and root filesystem configuration:
*
*           The following may be used to override the defaults provided by
*           the boot program:
*
*           rootfs:             Set the filesystem type of the root.
*
*           rootdev:    Set the root device.  This should be a fully
*                       expanded physical pathname.  The default is the
*                       physical pathname of the device where the boot
*                       program resides.  The physical pathname is
*                       highly platform and configuration dependent.
*
*           Example:
*                       rootfs:ufs
*                       rootdev:/sbus@1,f8000000/esp@0,800000/sd@3,0:a
*
*           (Swap device configuration should be specified in /etc/vfstab.)

* exclude:
*
*           Modules appearing in the moddir path which are NOT to be loaded,
*           even if referenced. Note that `exclude' accepts either a module name,
*           or a filename which includes the directory.
*
*           Examples:
*                       exclude: win
*                       exclude: sys/shmsys

* forceload:
*
*           Cause these modules to be loaded at boot time, (just before mounting
*           the root filesystem) rather than at first reference. Note that
*           forceload expects a filename which includes the directory. Also
*           note that loading a module does not necessarily imply that it will
*           be installed.
*
*           Example:
*                       forceload: drv/foo

* set:
*
*           Set an integer variable in the kernel or a module to a new value.
*           This facility should be used with caution.  See system(4).
*
*           Examples:
*
*           To set variables in 'unix':
*
*                       set nautopush=32
*                       set maxusers=40
*
*           To set a variable named 'debug' in the module named 'test_module'
```

```
*
*                    set test_module:debug = 0x13

* Begin MDD root info (do not edit)
rootdev:/pseudo/md@0:0,0,blk
* End MDD root info (do not edit)
*TPCC-Setup-Pallab-Do-not-play with it
set rlim_fd_max=2000000
set rlim_fd_cur=2000000
set sq_max_size=0
*set ddi_msix_alloc_limit=4
*set pcplusmp:apic_multi_msi_max=4
*set pcplusmp:apic_msix_max=4
*set pcplusmp:apic_intr_policy=1

*set ip:ip_squeue_bind=0
*set ip:ip_squeue_fanout=1
*set ip:ip_soft_rings_cnt=4
*set ip_squeue_soft_ring=1
*set ip:tcp_squeue_wput=1

set shmsys:shminfo_shmmax=0xffffffff
set shmsys:shminfo_shmmin=1
set shmsys:shminfo_shmmni=800
set shmsys:shminfo_shmseg=800
*set shmsys:shminfo_shmmni=500
*set shmsys:shminfo_shmseg=600
*
set semsys:seminfo_semmni=24576
set semsys:seminfo_semmsl=1500
set semsys:seminfo_semmns=18432
set semsys:seminfo_semmnu=12000
set semsys:seminfo_semopm=500
set semsys:seminfo_semvmx=65536
*
set msgsys:msginfo_msgmni=5000
set msgsys:msginfo_msgmap=200000
set msgsys:msginfo_msgmnb=800000
set msgsys:msginfo_msgmax=32768
set msgsys:msginfo_msgtql=5000
```

/etc/project

```
system:0::::
user.root:1::::
noproject:2::::
default:3::::
group.staff:10::::
group.dba:100:DBA Project::dba:process.max-sem-
nsems=(priv,1024,deny);project.max-sem-ids=(priv,1024,
deny);project.max-shm-memory=(priv,644245094400,deny);project.max-
msg-ids=(priv,8192,deny)
```

/etc/user_attr

```
#
# Copyright 2007 Sun Microsystems, Inc.  All rights reserved.
# Use is subject to license terms.
#
# /etc/user_attr
#
# execution attributes for profiles. see user_attr(4)
#
#ident      "@(#)user_attr          1.1          07/01/31 SMI"
#
#
adm::::profiles=Log Management
lp::::profiles=Printer Management
postgres::::type=role;profiles=Postgres Administration,All
root::::auths=solaris.*,solaris.grant;profiles=Web Console
Management,All;lock_after_retries=no;min_label=admin_low;clearance=admin_high
tpc::::type=normal;profiles=Primary Administrator
dbbench::::type=normal;profiles=Primary Administrator
```

metastat

```
d0 -m d4 d5 1
d4 1 1 c0t0d0s0
d5 1 1 c0t1d0s0
d1 -m d2 d3 1
d2 1 1 c0t0d0s1
d3 1 1 c0t1d0s1
```

ubbconfig

```
*RESOURCES
IPCKEY        40001
MASTER        tpcc_cli
PERM          0666
MAXACCESSERS  4096
MAXSERVERS    4096
MAXSERVICES   4096
MAXBUFTYPE    8192
MAXBUFSTYPE   8192
NOTIFY        IGNORE
MODEL         SHM
LDBAL         Y
SCANUNIT      10
SANITYSCAN    10
BLOCKTIME     10
BBLQUERY      10
OPTIONS       NO_XA,NO_AA

*MACHINES
"dccl1"  LMID="tpcc_cli"
      TUXCONFIG="/export/home/tpc/tuxedo/tuxconfig"
      ROOTDIR="/opt/tuxedo"
      APPDIR="/export/home/tpc/tuxedo"
      ULOGPFX="/export/home/tpc/tuxedo/logs/ULOGHOST"
      TUXDIR="/opt/tuxedo"
      SPINCOUNT=10000

*GROUPS
"DEL1"     LMID="tpcc_cli"   GRPNO=1 ENVFILE="env.two_task1"
"DEL2"     LMID="tpcc_cli"   GRPNO=2 ENVFILE="env.two_task2"
"DEL3"     LMID="tpcc_cli"   GRPNO=3 ENVFILE="env.two_task3"
"DEL4"     LMID="tpcc_cli"   GRPNO=4 ENVFILE="env.two_task4"
"group1"   LMID="tpcc_cli"   GRPNO=5 ENVFILE="env.two_task1"
"group2"   LMID="tpcc_cli"   GRPNO=6 ENVFILE="env.two_task2"
"group3"   LMID="tpcc_cli"   GRPNO=7 ENVFILE="env.two_task3"
"group4"   LMID="tpcc_cli"   GRPNO=8 ENVFILE="env.two_task4"

*SERVERS
tpcc_srv_del SRVGRP="DEL1" SRVID=1 RQADDR=delq1 REPLYQ=N
CLOPT="-A  -- 1"
tpcc_srv_del SRVGRP="DEL2" SRVID=2 RQADDR=delq2 REPLYQ=N
CLOPT="-A  -- 2"
tpcc_srv_del SRVGRP="DEL3" SRVID=3 RQADDR=delq3 REPLYQ=N
CLOPT="-A  -- 3"
tpcc_srv_del SRVGRP="DEL4" SRVID=4 RQADDR=delq4 REPLYQ=N
CLOPT="-A  -- 4"
tpcc_srv_del SRVGRP="DEL1" SRVID=5 RQADDR=delq5 REPLYQ=N
CLOPT="-A  -- 5"
tpcc_srv_del SRVGRP="DEL2" SRVID=6 RQADDR=delq6 REPLYQ=N
CLOPT="-A  -- 6"
#tpcc_srv_del SRVGRP="DEL3" SRVID=7 RQADDR=delq7 REPLYQ=N
CLOPT="-A  -- 7"
#tpcc_srv_del SRVGRP="DEL4" SRVID=8 RQADDR=delq8 REPLYQ=N
CLOPT="-A  -- 8"
#tpcc_srv_del SRVGRP="DEL1" SRVID=9 RQADDR=delq9 REPLYQ=N
CLOPT="-A  -- 9"
#tpcc_srv_del SRVGRP="DEL2" SRVID=10 RQADDR=delq10 REPLYQ=N
CLOPT="-A  -- 10"
#tpcc_srv_del SRVGRP="DEL3" SRVID=11 RQADDR=delq11 REPLYQ=N
CLOPT="-A  -- 11"
#tpcc_srv_del SRVGRP="DEL4" SRVID=12 RQADDR=delq12 REPLYQ=N
CLOPT="-A  -- 12"
#tpcc_srv_del SRVGRP="DEL1" SRVID=13 RQADDR=delq13 REPLYQ=N
CLOPT="-A  -- 13"
#tpcc_srv_del SRVGRP="DEL2" SRVID=14 RQADDR=delq14 REPLYQ=N
CLOPT="-A  -- 14"
#tpcc_srv_del SRVGRP="DEL1" SRVID=15 RQADDR=delq15 REPLYQ=N
CLOPT="-A  -- 15"
#tpcc_srv_del SRVGRP="DEL2" SRVID=16 RQADDR=delq16 REPLYQ=N
CLOPT="-A  -- 16"
#tpcc_srv_del SRVGRP="DEL3" SRVID=17 RQADDR=delq17 REPLYQ=N
CLOPT="-A  -- 17"
#tpcc_srv_del SRVGRP="DEL4" SRVID=18 RQADDR=delq18 REPLYQ=N
CLOPT="-A  -- 18"
#tpcc_srv_del SRVGRP="DEL1" SRVID=19 RQADDR=delq19 REPLYQ=N
CLOPT="-A  -- 19"
#tpcc_srv_del SRVGRP="DEL2" SRVID=20 RQADDR=delq20 REPLYQ=N
CLOPT="-A  -- 20"
#tpcc_srv_del SRVGRP="DEL3" SRVID=21 RQADDR=delq21 REPLYQ=N
CLOPT="-A  -- 21"
#tpcc_srv_del SRVGRP="DEL4" SRVID=22 RQADDR=delq22 REPLYQ=N
CLOPT="-A  -- 22"
#tpcc_srv_del SRVGRP="DEL1" SRVID=23 RQADDR=delq23 REPLYQ=N
CLOPT="-A  -- 23"
#tpcc_srv_del SRVGRP="DEL2" SRVID=24 RQADDR=delq24 REPLYQ=N
CLOPT="-A  -- 24"
#tpcc_srv_del SRVGRP="DEL3" SRVID=25 RQADDR=delq25 REPLYQ=N
CLOPT="-A  -- 25"
#tpcc_srv_del SRVGRP="DEL4" SRVID=26 RQADDR=delq26 REPLYQ=N
CLOPT="-A  -- 26"
#tpcc_srv_del SRVGRP="DEL1" SRVID=27 RQADDR=delq27 REPLYQ=N
```

```
CLOPT="-A  -- 27"
#tpcc_srv_del SRVGRP="DEL2" SRVID=28 RQADDR=delq28 REPLYQ=N
CLOPT="-A  -- 28"
#tpcc_srv_del SRVGRP="DEL3" SRVID=29 RQADDR=delq29 REPLYQ=N
CLOPT="-A  -- 29"
#tpcc_srv_del SRVGRP="DEL4" SRVID=30 RQADDR=delq30 REPLYQ=N
CLOPT="-A  -- 30"
#tpcc_srv_del SRVGRP="DEL1" SRVID=31 RQADDR=delq31 REPLYQ=N
CLOPT="-A  -- 31"
#tpcc_srv_del SRVGRP="DEL2" SRVID=32 RQADDR=delq32 REPLYQ=N
CLOPT="-A  -- 32"
#tpcc_srv_del SRVGRP="DEL3" SRVID=33 RQADDR=delq33 REPLYQ=N
CLOPT="-A  -- 33"
#tpcc_srv_del SRVGRP="DEL4" SRVID=34 RQADDR=delq34 REPLYQ=N
CLOPT="-A  -- 34"
#tpcc_srv_del SRVGRP="DEL1" SRVID=55 RQADDR=delq35 REPLYQ=N
CLOPT="-A  -- 35"
tpcc_srv_ora SRVGRP="group1" SRVID=101 RQADDR=svcq1 REPLYQ=Y
MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=102 RQADDR=svcq2 REPLYQ=Y
MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=103 RQADDR=svcq3 REPLYQ=Y
MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=104 RQADDR=svcq4 REPLYQ=Y
MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=105 RQADDR=svcq5 REPLYQ=Y
MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=106 RQADDR=svcq6 REPLYQ=Y
MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=107 RQADDR=svcq7 REPLYQ=Y
MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=108 RQADDR=svcq8 REPLYQ=Y
MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=109 RQADDR=svcq9 REPLYQ=Y
MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=110 RQADDR=svcq10
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=111 RQADDR=svcq11
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=112 RQADDR=svcq12
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=113 RQADDR=svcq13
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=114 RQADDR=svcq14
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=115 RQADDR=svcq15
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=116 RQADDR=svcq16
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=117 RQADDR=svcq17
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=118 RQADDR=svcq18
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=119 RQADDR=svcq19
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=120 RQADDR=svcq20
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=121 RQADDR=svcq21
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=122 RQADDR=svcq22
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=123 RQADDR=svcq23
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=124 RQADDR=svcq24
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=125 RQADDR=svcq25
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=126 RQADDR=svcq26
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=127 RQADDR=svcq27
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=128 RQADDR=svcq28
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=129 RQADDR=svcq29
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=130 RQADDR=svcq30
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=131 RQADDR=svcq31
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=132 RQADDR=svcq32
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=133 RQADDR=svcq33
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=134 RQADDR=svcq34
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=135 RQADDR=svcq35
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=136 RQADDR=svcq36
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=137 RQADDR=svcq37
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=138 RQADDR=svcq38
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=139 RQADDR=svcq39
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=140 RQADDR=svcq40
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=141 RQADDR=svcq41
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=142 RQADDR=svcq42
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=143 RQADDR=svcq43
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=144 RQADDR=svcq44
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=145 RQADDR=svcq45
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=146 RQADDR=svcq46
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=147 RQADDR=svcq47
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=148 RQADDR=svcq48
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=149 RQADDR=svcq49
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=150 RQADDR=svcq50
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=151 RQADDR=svcq51
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=152 RQADDR=svcq52
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=153 RQADDR=svcq53
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=154 RQADDR=svcq54
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=155 RQADDR=svcq55
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=156 RQADDR=svcq56
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=157 RQADDR=svcq57
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=158 RQADDR=svcq58
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=159 RQADDR=svcq59
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=160 RQADDR=svcq60
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=161 RQADDR=svcq61
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=162 RQADDR=svcq62
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=163 RQADDR=svcq63
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=164 RQADDR=svcq64
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=165 RQADDR=svcq65
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=166 RQADDR=svcq66
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=167 RQADDR=svcq67
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=168 RQADDR=svcq68
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=169 RQADDR=svcq69
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=170 RQADDR=svcq70
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=171 RQADDR=svcq71
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=172 RQADDR=svcq72
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=173 RQADDR=svcq73
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=174 RQADDR=svcq74
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=175 RQADDR=svcq75
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=176 RQADDR=svcq76
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=177 RQADDR=svcq77
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=178 RQADDR=svcq78
REPLYQ=Y MIN=1 MAX=1
```

```
tpcc_srv_ora SRVGRP="group3" SRVID=179 RQADDR=svcq79
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=180 RQADDR=svcq80
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=181 RQADDR=svcq81
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=182 RQADDR=svcq82
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=183 RQADDR=svcq83
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=184 RQADDR=svcq84
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group1" SRVID=185 RQADDR=svcq85
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group2" SRVID=186 RQADDR=svcq86
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group3" SRVID=187 RQADDR=svcq87
REPLYQ=Y MIN=1 MAX=1
tpcc_srv_ora SRVGRP="group4" SRVID=188 RQADDR=svcq88
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=189 RQADDR=svcq89
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=190 RQADDR=svcq90
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=191 RQADDR=svcq91
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=192 RQADDR=svcq92
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=193 RQADDR=svcq93
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=194 RQADDR=svcq94
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=195 RQADDR=svcq95
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=196 RQADDR=svcq96
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=197 RQADDR=svcq97
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=198 RQADDR=svcq98
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=199 RQADDR=svcq99
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=200 RQADDR=svcq100
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=201 RQADDR=svcq101
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=202 RQADDR=svcq102
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=203 RQADDR=svcq103
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=204 RQADDR=svcq104
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=205 RQADDR=svcq105
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=206 RQADDR=svcq106
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=207 RQADDR=svcq107
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=208 RQADDR=svcq108
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=209 RQADDR=svcq109
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=210 RQADDR=svcq110
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=211 RQADDR=svcq111
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=212 RQADDR=svcq112
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=213 RQADDR=svcq113
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=214 RQADDR=svcq114
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=215 RQADDR=svcq115
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=216 RQADDR=svcq116
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=217 RQADDR=svcq117
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=218 RQADDR=svcq118
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=219 RQADDR=svcq119
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=220 RQADDR=svcq120
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=221 RQADDR=svcq121
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=222 RQADDR=svcq122
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=223 RQADDR=svcq123
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=224 RQADDR=svcq124
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=225 RQADDR=svcq125
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=226 RQADDR=svcq126
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=227 RQADDR=svcq127
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=228 RQADDR=svcq128
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=229 RQADDR=svcq129
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=230 RQADDR=svcq130
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=231 RQADDR=svcq131
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=232 RQADDR=svcq132
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=233 RQADDR=svcq133
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=234 RQADDR=svcq134
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=235 RQADDR=svcq135
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=236 RQADDR=svcq136
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=237 RQADDR=svcq137
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=238 RQADDR=svcq138
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=239 RQADDR=svcq139
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=240 RQADDR=svcq140
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=241 RQADDR=svcq141
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=242 RQADDR=svcq142
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=243 RQADDR=svcq143
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=244 RQADDR=svcq144
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=245 RQADDR=svcq145
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=246 RQADDR=svcq146
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=247 RQADDR=svcq147
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=248 RQADDR=svcq148
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=249 RQADDR=svcq149
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=250 RQADDR=svcq150
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=251 RQADDR=svcq151
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=252 RQADDR=svcq152
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=253 RQADDR=svcq153
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=254 RQADDR=svcq154
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=255 RQADDR=svcq155
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=256 RQADDR=svcq156
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=257 RQADDR=svcq157
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=258 RQADDR=svcq158
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=259 RQADDR=svcq159
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=260 RQADDR=svcq160
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=261 RQADDR=svcq161
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=262 RQADDR=svcq162
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=263 RQADDR=svcq163
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=264 RQADDR=svcq164
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=265 RQADDR=svcq165
REPLYQ=Y MIN=1 MAX=1
```

```
#tpcc_srv_ora SRVGRP="group2" SRVID=266 RQADDR=svcq166
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=267 RQADDR=svcq167
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=268 RQADDR=svcq168
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=269 RQADDR=svcq169
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=270 RQADDR=svcq170
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=271 RQADDR=svcq171
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=272 RQADDR=svcq172
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=273 RQADDR=svcq173
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=274 RQADDR=svcq174
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=275 RQADDR=svcq175
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=276 RQADDR=svcq176
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=277 RQADDR=svcq177
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=278 RQADDR=svcq178
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=279 RQADDR=svcq179
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=280 RQADDR=svcq180
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=281 RQADDR=svcq181
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=282 RQADDR=svcq182
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group3" SRVID=283 RQADDR=svcq183
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group4" SRVID=284 RQADDR=svcq184
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group1" SRVID=285 RQADDR=svcq185
REPLYQ=Y MIN=1 MAX=1
#tpcc_srv_ora SRVGRP="group2" SRVID=286 RQADDR=svcq186
REPLYQ=Y MIN=1 MAX=1

*SERVICES
DEL
NEWO
ORDS
PAYM
STOCK
```

Brocade 5300 SAN Switch

Switch Information Report for b5300-2

List of Switches

```
Switch ID   Worldwide Name          Enet IP Addr    FC IP Addr      Name
-------------------------------------------------------------------------
  3: fffc03 10:00:00:05:1e:9a:8e:be 10.196.0.101    0.0.0.0       >"b5300-2"

Current Switch Information

Ethernet IP Address: 10.196.0.101
Ethernet Subnetmask: 255.255.0.0
Fibre Channel IP Address: 0.0.0.0
Fibre Channel Subnetmask: 0.0.0.0
Gateway Address: 10.196.0.1
Ethernet IPv6 Addresses:

Kernel:     2.6.14.2
Fabric OS:  v6.2.0c
Made on:    Mon Feb 23 19:32:16 2009
Flash:      Thu May 7 13:14:02 2009
BootProm:   1.0.14

List of Inter-Switch Links

Local Domain ID: 3

Local Port     Domain     Remote Port     State
-----------------------------------------------

List of Ports

switchName:         b5300-2
switchType:         64.3
switchState:        Online
switchMode:         Native
switchRole:         Principal
switchDomain:       3
switchId:   fffc03
switchWwn:          10:00:00:05:1e:9a:8e:be
zoning:             ON (dc120f_initial_ewt)
switchBeacon:       OFF
FC Router:OFF
Allow XISL Use:     OFF
LS Attributes:      [FID: 128, Base Switch: No, Default Switch: Yes]

Area Port Media Speed State     Proto
=====================================
 0  0  id   N8   Online       F-Port  21:00:00:24:ff:20:7d:b5
 1  1  id   N8   Online       F-Port  21:00:00:24:ff:20:7d:b4
 2  2  id   N8   Online       F-Port  21:00:00:1b:32:92:78:19
 3  3  id   N8   Online       F-Port  21:01:00:1b:32:b2:78:19
 4  4  id   N8   Online       F-Port  21:00:00:24:ff:30:1c:4e
 5  5  id   N8   Online       F-Port  21:00:00:24:ff:30:1c:4f
 6  6  id   N8   Online       F-Port  21:00:00:24:ff:2f:d1:fc
 7  7  id   N8   Online       F-Port  21:00:00:24:ff:2f:d1:fd
 8  8  id   N8   Online       F-Port  21:00:00:1b:32:92:8f:19
 9  9  id   N8   Online       F-Port  21:01:00:1b:32:b2:8f:19
10 10  id   N8   No_Light
11 11  id   N8   No_Light
12 12  id   N8   Online       F-Port  21:00:00:1b:32:92:c2:19
13 13  id   N8   Online       F-Port  21:01:00:1b:32:b2:c2:19
14 14  id   N8   Online       F-Port  21:00:00:1b:32:92:22:18
15 15  id   N8   Online       F-Port  21:01:00:1b:32:b2:22:18
16 16  id   N8   Online       F-Port  21:00:00:1b:32:92:07:1a
17 17  id   N8   Online       F-Port  21:01:00:1b:32:b2:07:1a
18 18  id   N8   Online       F-Port  21:00:00:24:ff:20:74:46
19 19  id   N8   Online       F-Port  21:00:00:24:ff:20:74:47
20 20  id   N8   Online       F-Port  21:01:00:1b:32:b2:14:19
21 21  id   N8   Online       F-Port  21:00:00:1b:32:92:14:19
22 22  id   N8   No_Light
23 23  id   N8   No_Light
24 24  id   N8   No_Light
25 25  id   N8   No_Light
26 26  id   N8   No_Light
27 27  id   N8   No_Light
28 28  id   N8   No_Light
29 29  id   N8   No_Light
30 30  id   N8   No_Light
31 31  id   N8   No_Light
32 32  id   N8   No_Light
33 33  id   N8   No_Light
34 34  id   N8   No_Light
35 35  id   N8   No_Light
36 36  id   N8   No_Light
37 37  id   N8   No_Light
38 38  id   N8   No_Light
39 39  id   N8   No_Light
40 40  id   N8   No_Light
41 41  id   N8   No_Light
42 42  id   N8   No_Light
43 43  id   N8   No_Light
44 44  id   N8   No_Light
45 45  id   N8   No_Light
46 46  id   N8   No_Light
47 47  id   N8   No_Light
48 48  id   N8   No_Light
49 49  id   N8   No_Light
50 50  id   N8   No_Light
51 51  id   N8   No_Light
52 52  id   N8   No_Light
53 53  id   N8   No_Light
54 54  id   N8   No_Light
55 55  id   N8   No_Light
56 56  id   N8   No_Light
57 57  id   N8   No_Light
58 58  id   N8   No_Light
59 59  id   N8   No_Light
60 60  id   N8   No_Light
61 61  id   N8   No_Light
62 62  id   N8   No_Light
63 63  id   N8   No_Light
64 64  id   N8   Online       F-Port  21:00:00:24:ff:32:e3:db
65 65  id   N8   Online       F-Port  21:00:00:24:ff:32:e3:da
66 66  id   N8   Online       F-Port  21:00:00:24:ff:32:e3:d5
67 67  id   N8   Online       F-Port  21:00:00:24:ff:32:e3:d4
68 68  id   N8   Online       F-Port  21:00:00:24:ff:32:e3:e1
69 69  id   N8   Online       F-Port  21:00:00:24:ff:32:e3:e0
70 70  id   N8   Online       F-Port  21:00:00:24:ff:32:e3:d7
71 71  id   N8   Online       F-Port  21:00:00:24:ff:32:e3:d6
```

```
 72  72   id    N8   Online          F-Port  21:00:00:24:ff:31:5a:1b
 73  73   id    N8   Online          F-Port  21:00:00:24:ff:31:5a:1a
 74  74   id    N8   Online          F-Port  21:00:00:24:ff:31:5a:1d
 75  75   id    N8   Online          F-Port  21:00:00:24:ff:31:5a:1c
 76  76   id    N8   Online          F-Port  21:00:00:24:ff:31:5a:23
 77  77   id    N8   Online          F-Port  21:00:00:24:ff:31:5a:22
 78  78   id    N8   No_Light
 79  79   id    N8   No_Light

Name Server

{
030000 030100 030200 030300 030400 030500 030600 030700
030800 030900 030c00 030d00 030e00 030f00 031000 031100
031200 031300 031400 031500 034000 034100 034200 034300
034400 034500 034600 034700 034800 034900 034a00 034b00
034c00 034d00
34 Nx_Ports in the Fabric }

{
 Type Pid    COS     PortName                NodeName                TTL(sec)
 N    030000;      3;21:00:00:24:ff:20:7d:b5;20:00:00:24:ff:20:7d:b5; na
   FC4s: FCP
   PortSymb: [6] "qlt1,0"
   NodeSymb: [7] "dcdata1"
   Fabric Port Name: 20:00:00:05:1e:9a:8e:be
   Permanent Port Name: 21:00:00:24:ff:20:7d:b5
   Port Index: 0
   Share Area: No
   Device Shared in Other AD: No
   Redirect: No
 N    030100;      3;21:00:00:24:ff:20:7d:b4;20:00:00:24:ff:20:7d:b4; na
   FC4s: FCP
   PortSymb: [6] "qlt0,0"
   NodeSymb: [7] "dcdata1"
   Fabric Port Name: 20:01:00:05:1e:9a:8e:be
   Permanent Port Name: 21:00:00:24:ff:20:7d:b4
   Port Index: 1
   Share Area: No
   Device Shared in Other AD: No
   Redirect: No
 N    030200;      3;21:00:00:1b:32:92:78:19;20:00:00:1b:32:92:78:19; na
   FC4s: FCP
   PortSymb: [6] "qlt0,0"
   NodeSymb: [7] "dcdata2"
   Fabric Port Name: 20:02:00:05:1e:9a:8e:be
   Permanent Port Name: 21:00:00:1b:32:92:78:19
   Port Index: 2
   Share Area: No
   Device Shared in Other AD: No
   Redirect: No
 N    030300;      3;21:01:00:1b:32:b2:78:19;20:01:00:1b:32:b2:78:19; na
   FC4s: FCP
   PortSymb: [6] "qlt1,0"
   NodeSymb: [7] "dcdata2"
   Fabric Port Name: 20:03:00:05:1e:9a:8e:be
   Permanent Port Name: 21:01:00:1b:32:b2:78:19
   Port Index: 3
   Share Area: No
   Device Shared in Other AD: No
   Redirect: No
 N    030400;      3;21:00:00:24:ff:30:1c:4e;20:00:00:24:ff:30:1c:4e; na
   FC4s: FCP
   PortSymb: [6] "qlt0,0"
   NodeSymb: [7] "dcdata3"
   Fabric Port Name: 20:04:00:05:1e:9a:8e:be
   Permanent Port Name: 21:00:00:24:ff:30:1c:4e
   Port Index: 4
   Share Area: No
   Device Shared in Other AD: No
   Redirect: No
 N    030500;      3;21:00:00:24:ff:30:1c:4f;20:00:00:24:ff:30:1c:4f; na
   FC4s: FCP
   PortSymb: [6] "qlt1,0"
   NodeSymb: [7] "dcdata3"
   Fabric Port Name: 20:05:00:05:1e:9a:8e:be
   Permanent Port Name: 21:00:00:24:ff:30:1c:4f
   Port Index: 5
   Share Area: No
   Device Shared in Other AD: No
   Redirect: No
 N    030600;      3;21:00:00:24:ff:2f:d1:fc;20:00:00:24:ff:2f:d1:fc; na
   FC4s: FCP
   PortSymb: [6] "qlt0,0"
   NodeSymb: [7] "dcdata4"
   Fabric Port Name: 20:06:00:05:1e:9a:8e:be
   Permanent Port Name: 21:00:00:24:ff:2f:d1:fc
   Port Index: 6
   Share Area: No
   Device Shared in Other AD: No
   Redirect: No
 N    030700;      3;21:00:00:24:ff:2f:d1:fd;20:00:00:24:ff:2f:d1:fd; na
   FC4s: FCP
   PortSymb: [6] "qlt1,0"
   NodeSymb: [7] "dcdata4"
   Fabric Port Name: 20:07:00:05:1e:9a:8e:be
   Permanent Port Name: 21:00:00:24:ff:2f:d1:fd
   Port Index: 7
   Share Area: No
   Device Shared in Other AD: No
   Redirect: No
 N    030800;      3;21:00:00:1b:32:92:8f:19;20:00:00:1b:32:92:8f:19; na
   FC4s: FCP
   PortSymb: [6] "qlt0,0"
   NodeSymb: [7] "dcdata5"
   Fabric Port Name: 20:08:00:05:1e:9a:8e:be
   Permanent Port Name: 21:00:00:1b:32:92:8f:19
   Port Index: 8
   Share Area: No
   Device Shared in Other AD: No
   Redirect: No
 N    030900;      3;21:01:00:1b:32:b2:8f:19;20:01:00:1b:32:b2:8f:19; na
   FC4s: FCP
   PortSymb: [6] "qlt1,0"
   NodeSymb: [7] "dcdata5"
   Fabric Port Name: 20:09:00:05:1e:9a:8e:be
   Permanent Port Name: 21:01:00:1b:32:b2:8f:19
   Port Index: 9
   Share Area: No
   Device Shared in Other AD: No
   Redirect: No
 N    030c00;      3;21:00:00:1b:32:92:c2:19;20:00:00:1b:32:92:c2:19; na
   FC4s: FCP
   PortSymb: [6] "qlt0,0"
   NodeSymb: [7] "dcdata7"
   Fabric Port Name: 20:0c:00:05:1e:9a:8e:be
   Permanent Port Name: 21:00:00:1b:32:92:c2:19
   Port Index: 12
   Share Area: No
   Device Shared in Other AD: No
   Redirect: No
 N    030d00;      3;21:01:00:1b:32:b2:c2:19;20:01:00:1b:32:b2:c2:19; na
   FC4s: FCP
   PortSymb: [6] "qlt1,0"
   NodeSymb: [7] "dcdata7"
   Fabric Port Name: 20:0d:00:05:1e:9a:8e:be
   Permanent Port Name: 21:01:00:1b:32:b2:c2:19
   Port Index: 13
   Share Area: No
   Device Shared in Other AD: No
   Redirect: No
 N    030e00;      3;21:00:00:1b:32:92:22:18;20:00:00:1b:32:92:22:18; na
   FC4s: FCP
   PortSymb: [6] "qlt0,0"
   NodeSymb: [7] "dcdata8"
   Fabric Port Name: 20:0e:00:05:1e:9a:8e:be
   Permanent Port Name: 21:00:00:1b:32:92:22:18
   Port Index: 14
   Share Area: No
   Device Shared in Other AD: No
   Redirect: No
 N    030f00;      3;21:01:00:1b:32:b2:22:18;20:01:00:1b:32:b2:22:18; na
   FC4s: FCP
   PortSymb: [6] "qlt1,0"
   NodeSymb: [7] "dcdata8"
   Fabric Port Name: 20:0f:00:05:1e:9a:8e:be
   Permanent Port Name: 21:01:00:1b:32:b2:22:18
   Port Index: 15
   Share Area: No
   Device Shared in Other AD: No
   Redirect: No
 N    031000;      3;21:00:00:1b:32:92:07:1a;20:00:00:1b:32:92:07:1a; na
   FC4s: FCP
   PortSymb: [6] "qlt0,0"
   NodeSymb: [7] "dcdata9"
   Fabric Port Name: 20:10:00:05:1e:9a:8e:be
   Permanent Port Name: 21:00:00:1b:32:92:07:1a
   Port Index: 16
   Share Area: No
   Device Shared in Other AD: No
   Redirect: No
 N    031100;      3;21:01:00:1b:32:b2:07:1a;20:01:00:1b:32:b2:07:1a; na
   FC4s: FCP
   PortSymb: [6] "qlt1,0"
```

```
  NodeSymb: [7] "dcdata9"
  Fabric Port Name: 20:11:00:05:1e:9a:8e:be
  Permanent Port Name: 21:01:00:1b:32:b2:07:1a
  Port Index: 17
  Share Area: No
  Device Shared in Other AD: No
  Redirect: No
N    031200;     3;21:00:00:24:ff:20:74:46;20:00:00:24:ff:20:74:46; na
  FC4s: FCP
  PortSymb: [6] "qlt0,0"
  NodeSymb: [8] "dcdata10"
  Fabric Port Name: 20:12:00:05:1e:9a:8e:be
  Permanent Port Name: 21:00:00:24:ff:20:74:46
  Port Index: 18
  Share Area: No
  Device Shared in Other AD: No
  Redirect: No
N    031300;     3;21:00:00:24:ff:20:74:47;20:00:00:24:ff:20:74:47; na
  FC4s: FCP
  PortSymb: [6] "qlt1,0"
  NodeSymb: [8] "dcdata10"
  Fabric Port Name: 20:13:00:05:1e:9a:8e:be
  Permanent Port Name: 21:00:00:24:ff:20:74:47
  Port Index: 19
  Share Area: No
  Device Shared in Other AD: No
  Redirect: No
N    031400;     3;21:01:00:1b:32:b2:14:19;20:01:00:1b:32:b2:14:19; na
  FC4s: FCP
  PortSymb: [6] "qlt1,0"
  NodeSymb: [7] "dcdata6"
  Fabric Port Name: 20:14:00:05:1e:9a:8e:be
  Permanent Port Name: 21:01:00:1b:32:b2:14:19
  Port Index: 20
  Share Area: No
  Device Shared in Other AD: No
  Redirect: No
N    031500;     3;21:00:00:1b:32:92:14:19;20:00:00:1b:32:92:14:19; na
  FC4s: FCP
  PortSymb: [6] "qlt0,0"
  NodeSymb: [7] "dcdata6"
  Fabric Port Name: 20:15:00:05:1e:9a:8e:be
  Permanent Port Name: 21:00:00:1b:32:92:14:19
  Port Index: 21
  Share Area: No
  Device Shared in Other AD: No
  Redirect: No
N    034000;     3;21:00:00:24:ff:32:e3:db;20:00:00:24:ff:32:e3:db; na
  FC4s: IPFC FCP
  Fabric Port Name: 20:40:00:05:1e:9a:8e:be
  Permanent Port Name: 21:00:00:24:ff:32:e3:db
  Port Index: 64
  Share Area: No
  Device Shared in Other AD: No
  Redirect: No
N    034100;     3;21:00:00:24:ff:32:e3:da;20:00:00:24:ff:32:e3:da; na
  FC4s: IPFC FCP
  Fabric Port Name: 20:41:00:05:1e:9a:8e:be
  Permanent Port Name: 21:00:00:24:ff:32:e3:da
  Port Index: 65
  Share Area: No
  Device Shared in Other AD: No
  Redirect: No
N    034200;     3;21:00:00:24:ff:32:e3:d5;20:00:00:24:ff:32:e3:d5; na
  FC4s: IPFC FCP
  Fabric Port Name: 20:42:00:05:1e:9a:8e:be
  Permanent Port Name: 21:00:00:24:ff:32:e3:d5
  Port Index: 66
  Share Area: No
  Device Shared in Other AD: No
  Redirect: No
N    034300;     3;21:00:00:24:ff:32:e3:d4;20:00:00:24:ff:32:e3:d4; na
  FC4s: IPFC FCP
  Fabric Port Name: 20:43:00:05:1e:9a:8e:be
  Permanent Port Name: 21:00:00:24:ff:32:e3:d4
  Port Index: 67
  Share Area: No
  Device Shared in Other AD: No
  Redirect: No
N    034400;     3;21:00:00:24:ff:32:e3:e1;20:00:00:24:ff:32:e3:e1; na
  FC4s: IPFC FCP
  Fabric Port Name: 20:44:00:05:1e:9a:8e:be
  Permanent Port Name: 21:00:00:24:ff:32:e3:e1
  Port Index: 68
  Share Area: No
  Device Shared in Other AD: No
  Redirect: No
N    034500;     3;21:00:00:24:ff:32:e3:e0;20:00:00:24:ff:32:e3:e0; na
  FC4s: IPFC FCP
  Fabric Port Name: 20:45:00:05:1e:9a:8e:be
  Permanent Port Name: 21:00:00:24:ff:32:e3:e0
  Port Index: 69
  Share Area: No
  Device Shared in Other AD: No
  Redirect: No
N    034600;     3;21:00:00:24:ff:32:e3:d7;20:00:00:24:ff:32:e3:d7; na
  FC4s: IPFC FCP
  Fabric Port Name: 20:46:00:05:1e:9a:8e:be
  Permanent Port Name: 21:00:00:24:ff:32:e3:d7
  Port Index: 70
  Share Area: No
  Device Shared in Other AD: No
  Redirect: No
N    034700;     3;21:00:00:24:ff:32:e3:d6;20:00:00:24:ff:32:e3:d6; na
  FC4s: IPFC FCP
  Fabric Port Name: 20:47:00:05:1e:9a:8e:be
  Permanent Port Name: 21:00:00:24:ff:32:e3:d6
  Port Index: 71
  Share Area: No
  Device Shared in Other AD: No
  Redirect: No
N    034800;     3;21:00:00:24:ff:31:5a:1b;20:00:00:24:ff:31:5a:1b; na
  FC4s: IPFC FCP
  Fabric Port Name: 20:48:00:05:1e:9a:8e:be
  Permanent Port Name: 21:00:00:24:ff:31:5a:1b
  Port Index: 72
  Share Area: No
  Device Shared in Other AD: No
  Redirect: No
N    034900;     3;21:00:00:24:ff:31:5a:1a;20:00:00:24:ff:31:5a:1a; na
  FC4s: IPFC FCP
  Fabric Port Name: 20:49:00:05:1e:9a:8e:be
  Permanent Port Name: 21:00:00:24:ff:31:5a:1a
  Port Index: 73
  Share Area: No
  Device Shared in Other AD: No
  Redirect: No
N    034a00;     3;21:00:00:24:ff:31:5a:1d;20:00:00:24:ff:31:5a:1d; na
  FC4s: IPFC FCP
  Fabric Port Name: 20:4a:00:05:1e:9a:8e:be
  Permanent Port Name: 21:00:00:24:ff:31:5a:1d
  Port Index: 74
  Share Area: No
  Device Shared in Other AD: No
  Redirect: No
N    034b00;     3;21:00:00:24:ff:31:5a:1c;20:00:00:24:ff:31:5a:1c; na
  FC4s: IPFC FCP
  Fabric Port Name: 20:4b:00:05:1e:9a:8e:be
  Permanent Port Name: 21:00:00:24:ff:31:5a:1c
  Port Index: 75
  Share Area: No
  Device Shared in Other AD: No
  Redirect: No
N    034c00;     3;21:00:00:24:ff:31:5a:23;20:00:00:24:ff:31:5a:23; na
  FC4s: IPFC FCP
  Fabric Port Name: 20:4c:00:05:1e:9a:8e:be
  Permanent Port Name: 21:00:00:24:ff:31:5a:23
  Port Index: 76
  Share Area: No
  Device Shared in Other AD: No
  Redirect: No
N    034d00;     3;21:00:00:24:ff:31:5a:22;20:00:00:24:ff:31:5a:22; na
  FC4s: IPFC FCP
  Fabric Port Name: 20:4d:00:05:1e:9a:8e:be
  Permanent Port Name: 21:00:00:24:ff:31:5a:22
  Port Index: 77
  Share Area: No
  Device Shared in Other AD: No
  Redirect: No
The Local Name Server has 34 entries }

Zoning Information

Defined configuration:
 cfg:    dc120f_initial_ewt
                Data_Nodes; REDO_Nodes
 zone:   Data_Nodes
                3,0; 3,1; 3,2; 3,3; 3,4; 3,5; 3,6; 3,7; 3,8; 3,9; 3,10; 3,11;
                3,12; 3,13; 3,14; 3,15; 3,16; 3,17; 3,18; 3,19; 3,20;
3,21;
                3,22; 3,23; 3,64; 3,65; 3,66; 3,67; 3,68; 3,69; 3,70;
3,71;
                3,72; 3,73; 3,74; 3,75; 3,76; 3,77
 zone:   REDO_Nodes
```

```
                3,40; 3,41; 3,42; 3,43; 3,78; 3,79
Effective configuration:
 cfg:     dc120f_initial_ewt
 zone:    Data_Nodes
                3,0
                3,1
                3,2
                3,3
                3,4
                3,5
                3,6
                3,7
                3,8
                3,9
                3,10
                3,11
                3,12
                3,13
                3,14
                3,15
                3,16
                3,17
                3,18
                3,19
                3,20
                3,21
                3,22
                3,23
                3,64
                3,65
                3,66
                3,67
                3,68
                3,69
                3,70
                3,71
                3,72
                3,73
                3,74
                3,75
                3,76
                3,77
 zone:    REDO_Nodes
                3,40
                3,41
                3,42
                3,43
                3,78
                3,79

SFP Serial ID Information

Port  0: id (sw) Vendor: BROCADE      Serial No: UAF109100000BFH
Speed: 200,400,800_MB/s
Port  1: id (sw) Vendor: BROCADE      Serial No: UAF109100000BER
Speed: 200,400,800_MB/s
Port  2: id (sw) Vendor: BROCADE      Serial No: UAF109100000BEV
Speed: 200,400,800_MB/s
Port  3: id (sw) Vendor: BROCADE      Serial No: UAF109100000BEN
Speed: 200,400,800_MB/s
Port  4: id (sw) Vendor: BROCADE      Serial No: UAF109100000BFN
Speed: 200,400,800_MB/s
Port  5: id (sw) Vendor: BROCADE      Serial No: UAF109100000BFR
Speed: 200,400,800_MB/s
Port  6: id (sw) Vendor: BROCADE      Serial No: UAF109100000BFC
Speed: 200,400,800_MB/s
Port  7: id (sw) Vendor: BROCADE      Serial No: UAF109100000BEU
Speed: 200,400,800_MB/s
Port  8: id (sw) Vendor: BROCADE      Serial No: UAF1091100004HV
Speed: 200,400,800_MB/s
Port  9: id (sw) Vendor: BROCADE      Serial No: UAF1091100002FU
Speed: 200,400,800_MB/s
Port 10: id (sw) Vendor: BROCADE      Serial No: UAF109100000A3T
Speed: 200,400,800_MB/s
Port 11: id (sw) Vendor: BROCADE      Serial No: UAF10911000058P
Speed: 200,400,800_MB/s
Port 12: id (sw) Vendor: BROCADE      Serial No: UAF109100000AN3
Speed: 200,400,800_MB/s
Port 13: id (sw) Vendor: BROCADE      Serial No: UAF109100000A2R
Speed: 200,400,800_MB/s
Port 14: id (sw) Vendor: BROCADE      Serial No: UAF109100000AMM
Speed: 200,400,800_MB/s
Port 15: id (sw) Vendor: BROCADE      Serial No: UAF109100000AKZ
Speed: 200,400,800_MB/s
Port 16: id (sw) Vendor: BROCADE      Serial No: UAF109100000ADF
Speed: 200,400,800_MB/s
Port 17: id (sw) Vendor: BROCADE      Serial No: UAF109110000154
Speed: 200,400,800_MB/s
Port 18: id (sw) Vendor: BROCADE      Serial No: UAF109100000ABS
Speed: 200,400,800_MB/s
Port 19: id (sw) Vendor: BROCADE      Serial No: UAF109100000AKL
Speed: 200,400,800_MB/s
Port 20: id (sw) Vendor: BROCADE      Serial No: UAF10911000015M
Speed: 200,400,800_MB/s
Port 21: id (sw) Vendor: BROCADE      Serial No: UAF109100000B89
Speed: 200,400,800_MB/s
Port 22: id (sw) Vendor: BROCADE      Serial No: UAF109110000159
Speed: 200,400,800_MB/s
Port 23: id (sw) Vendor: BROCADE      Serial No: UAF109100000AND
Speed: 200,400,800_MB/s
Port 24: id (sw) Vendor: BROCADE      Serial No: UAF109100000APW
Speed: 200,400,800_MB/s
Port 25: id (sw) Vendor: BROCADE      Serial No: UAF109100000ADK
Speed: 200,400,800_MB/s
Port 26: id (sw) Vendor: BROCADE      Serial No: UAF109100000A3P
Speed: 200,400,800_MB/s
Port 27: id (sw) Vendor: BROCADE      Serial No: UAF109100000AEV
Speed: 200,400,800_MB/s
Port 28: id (sw) Vendor: BROCADE      Serial No: UAF109100000A2C
Speed: 200,400,800_MB/s
Port 29: id (sw) Vendor: BROCADE      Serial No: UAF109100000B7H
Speed: 200,400,800_MB/s
Port 30: id (sw) Vendor: BROCADE      Serial No: UAF109100000B80
Speed: 200,400,800_MB/s
Port 31: id (sw) Vendor: BROCADE      Serial No: UAF1091100004J1
Speed: 200,400,800_MB/s
Port 32: id (sw) Vendor: BROCADE      Serial No: UAF109100000BFK
Speed: 200,400,800_MB/s
Port 33: id (sw) Vendor: BROCADE      Serial No: UAF109100000BET
Speed: 200,400,800_MB/s
Port 34: id (sw) Vendor: BROCADE      Serial No: UAF109100000BFJ
Speed: 200,400,800_MB/s
Port 35: id (sw) Vendor: BROCADE      Serial No: UAF109100000BEP
Speed: 200,400,800_MB/s
Port 36: id (sw) Vendor: BROCADE      Serial No: UAF1091100004J0
Speed: 200,400,800_MB/s
Port 37: id (sw) Vendor: BROCADE      Serial No: UAF10911000011W
Speed: 200,400,800_MB/s
Port 38: id (sw) Vendor: BROCADE      Serial No: UAF1091100004HR
Speed: 200,400,800_MB/s
Port 39: id (sw) Vendor: BROCADE      Serial No: UAF109110000581
Speed: 200,400,800_MB/s
Port 40: id (sw) Vendor: BROCADE      Serial No: UAF109100000BEY
Speed: 200,400,800_MB/s
Port 41: id (sw) Vendor: BROCADE      Serial No: UAF109100000BES
Speed: 200,400,800_MB/s
Port 42: id (sw) Vendor: BROCADE      Serial No: UAF109100000BFB
Speed: 200,400,800_MB/s
Port 43: id (sw) Vendor: BROCADE      Serial No: UAF109100000BFE
Speed: 200,400,800_MB/s
Port 44: id (sw) Vendor: BROCADE      Serial No: UAF10911000058G
Speed: 200,400,800_MB/s
Port 45: id (sw) Vendor: BROCADE      Serial No: UAF10911000057Z
Speed: 200,400,800_MB/s
Port 46: id (sw) Vendor: BROCADE      Serial No: UAF109110000585
Speed: 200,400,800_MB/s
Port 47: id (sw) Vendor: BROCADE      Serial No: UAF109110000580
Speed: 200,400,800_MB/s
Port 48: id (sw) Vendor: BROCADE      Serial No: UAF109100000BR3
Speed: 200,400,800_MB/s
Port 49: id (sw) Vendor: BROCADE      Serial No: UAF109100000BR1
Speed: 200,400,800_MB/s
Port 50: id (sw) Vendor: BROCADE      Serial No: UAF109100000BPM
Speed: 200,400,800_MB/s
Port 51: id (sw) Vendor: BROCADE      Serial No: UAF109100000BR0
Speed: 200,400,800_MB/s
Port 52: id (sw) Vendor: BROCADE      Serial No: UAF109100000BPZ
Speed: 200,400,800_MB/s
Port 53: id (sw) Vendor: BROCADE      Serial No: UAF109100000BRB
Speed: 200,400,800_MB/s
Port 54: id (sw) Vendor: BROCADE      Serial No: UAF109100000BR2
Speed: 200,400,800_MB/s
Port 55: id (sw) Vendor: BROCADE      Serial No: UAF109100000BPP
Speed: 200,400,800_MB/s
Port 56: id (sw) Vendor: BROCADE      Serial No: UAF109100000F7F
Speed: 200,400,800_MB/s
Port 57: id (sw) Vendor: BROCADE      Serial No: UAF109100000BLE
Speed: 200,400,800_MB/s
Port 58: id (sw) Vendor: BROCADE      Serial No: UAF109100000F7A
Speed: 200,400,800_MB/s
Port 59: id (sw) Vendor: BROCADE      Serial No: UAF109100000F79
Speed: 200,400,800_MB/s
```

Port 60: id (sw) Vendor: BROCADE Serial No: UAF109100000F78
Speed: 200,400,800_MB/s
Port 61: id (sw) Vendor: BROCADE Serial No: UAF109100000F7E
Speed: 200,400,800_MB/s
Port 62: id (sw) Vendor: BROCADE Serial No: UAF109100000BLJ
Speed: 200,400,800_MB/s
Port 63: id (sw) Vendor: BROCADE Serial No: UAF109100000DT0
Speed: 200,400,800_MB/s
Port 64: id (sw) Vendor: BROCADE Serial No: UAF109100000BPS
Speed: 200,400,800_MB/s
Port 65: id (sw) Vendor: BROCADE Serial No: UAF109100000BPR
Speed: 200,400,800_MB/s
Port 66: id (sw) Vendor: BROCADE Serial No: UAF109100000BR4
Speed: 200,400,800_MB/s
Port 67: id (sw) Vendor: BROCADE Serial No: UAF109100000BPY
Speed: 200,400,800_MB/s
Port 68: id (sw) Vendor: BROCADE Serial No: UAF109100000BPN
Speed: 200,400,800_MB/s
Port 69: id (sw) Vendor: BROCADE Serial No: UAF109100000BR5
Speed: 200,400,800_MB/s
Port 70: id (sw) Vendor: BROCADE Serial No: UAF109100000BWW
Speed: 200,400,800_MB/s
Port 71: id (sw) Vendor: BROCADE Serial No: UAF109100000BR6
Speed: 200,400,800_MB/s
Port 72: id (sw) Vendor: BROCADE Serial No: UAF109100000DT2
Speed: 200,400,800_MB/s
Port 73: id (sw) Vendor: BROCADE Serial No: UAF109100000BLH
Speed: 200,400,800_MB/s
Port 74: id (sw) Vendor: BROCADE Serial No: UAF109100000DT1
Speed: 200,400,800_MB/s
Port 75: id (sw) Vendor: BROCADE Serial No: UAF109100000DSZ
Speed: 200,400,800_MB/s
Port 76: id (sw) Vendor: BROCADE Serial No: UAF109100000F7G
Speed: 200,400,800_MB/s
Port 77: id (sw) Vendor: BROCADE Serial No: UAF109100000BLG
Speed: 200,400,800_MB/s
Port 78: id (sw) Vendor: BROCADE Serial No: UAF1091000009BL
Speed: 200,400,800_MB/s
Port 79: id (sw) Vendor: BROCADE Serial No: UAF109100000F6Z
Speed: 200,400,800_MB/s

Appendix D: Third Party Pricing

800.800.4239

Shopping Cart

Item	Quantity	Availability	Unit Price	Item Total
Brocade FastIron WS 648 MFG Part#: FWS648 CDW Part#: 1630858 UNSPSC: 43222612 **Pricing Option Applied:** Extranet Price	1	1-3 days	$1,505.99	$1,505.99
Brocade Essential Direct Support Remote Support - technical support - 1 yea MFG Part#: FWS648-SVL-RMT-1 CDW Part#: 1951570 UNSPSC: 81111812 **Pricing Option Applied:** Extranet Price	3	6-8 days	$121.99	$365.97
Tripp Lite 25' Black Cat5e or Cat5 RJ45 Molded 350mhz UTP Patch Cable MFG Part#: N002-025-BK CDW Part#: 324521 UNSPSC: 26121604 **Pricing Option Applied:** Extranet Price	116	In Stock	$6.99	$810.84
NETGEAR ProSafe Plus JGS524E 24-port Gigabit Ethernet Switch - switch - 24 MFG Part#: JGS524E-100NAS CDW Part#: 2352401 UNSPSC: 43222612 **Pricing Option Applied:** Extranet Price	1	In Stock	$278.99	$278.99
2 Year Replacement Coverage - Extends Warranty 2 additional years $201-400 MFG Part#: 126197 CDW Part#: 2068131 UNSPSC: N/A **Pricing Option Applied:** Extranet Price	1	Call	$57.99	$57.99
1 Year Replacement Coverage - Extends Warranty 1 additional year $201-400 MFG Part#: 126192 CDW Part#: 2068126 UNSPSC: N/A **Pricing Option Applied:** Extranet Price	1	3-5 days	$26.99	$26.99

Subtotal: $3,046.77

Tax and shipping will be calculated in checkout.

Lease Option ($95.07 /month)

800.800.4239

Shopping Cart

Item	Quantity	Availability	Unit Price	Item Total
Acer V173 DJb 17" LCD MFG Part#: ET.BV3RP.D03 CDW Part#: 2091793 UNSPSC: 43211902 **Pricing Option Applied:** Extranet Price	1	1-3 days	$101.99	$101.99
Acer extended service agreement - 3 years - pick-up and return MFG Part#: 146.AD320.001 CDW Part#: 2446105 UNSPSC: 81111812 **Pricing Option Applied:** Extranet Price	1	6-8 days	$10.99	$10.99

Subtotal: $112.98

Tax and shipping will be calculated in checkout.

Items Related to Products in Your Cart

Acer V193W EJb 19" Wide LCD

Only
$94.99

Acer V193 DJb 19" LCD

Only
$127.99

Acer V223W EJbd 22" Wide LCD

Only
$146.99

Acer X223WDbd 22" Wide LCD

Only
$137.99

This page was printed on 1/9/2012 12:28:44 PM.