

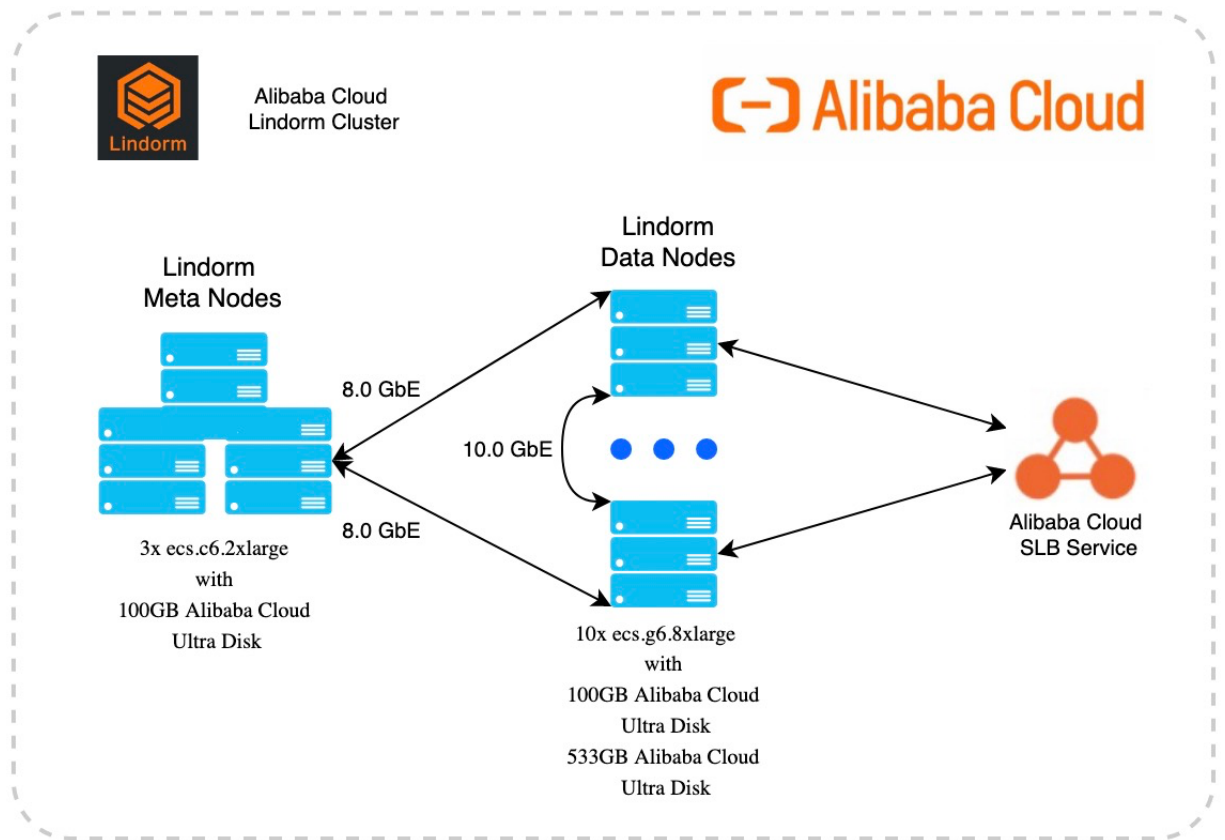


Lindorm 3.4.10

TPCx-IoT 2.0.1
 TPC Pricing 2.8.0
 Report Date March 10, 2022

Total System Cost ¥ 1,092,273.00 CNY	TPCx-IoT Performance Metric 4,847,961.5241 IoTps	Price/Performance ¥ 225.31 CNY/kIoTps
Servers	Operating System	Other Software
ecs.c6.2xlarge and ecs.g6.8xlarge	Alibaba Group Enterprise Linux Server 7.2 (Paladin)	None
		Availability Date
		March 10, 2022

System Under Test Configuration Overview



Total Servers:	13 Alibaba Cloud ECSs - 3x ecs.c6.2xlarge - 10x ecs.g6.8xlarge
Total Processors/Cores/Threads:	13/172/344

Server Configuration:	3x Lindorm Meta Nodes	10x Lindorm Data Nodes
Processor:	1x ecs.c6.2xlarge (Intel Xeon(Cascade Lake) Platinum 8269CY, 2.50GHz)	1x ecs.g6.8xlarge (Intel Xeon(Cascade Lake) Platinum 8269CY, 2.50GHz)
Memory:	16 GB	128 GB
Storage Device:	1x 100GB Alibaba Cloud Ultra Disk	1x 100GB Alibaba Cloud Ultra Disk 4x 533GB Alibaba Cloud Ultra Disk
Network:	Bandwidth: 8.0 Gbps, Packet forwarding rate: 800,000 PPS	Bandwidth: 10.0 Gbps, Packet forwarding rate: 2,000,000 PPS
Connectivity:	Alibaba Cloud SLB Service	



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Description	Part Number	Source	List Price (CNY)	Qty	Extended Price (CNY)	3 yr. Maint. Price (CNY)
Licensed Compute Services						
Alibaba Cloud Lindorm Cluster 3-Year Prepaid Plan			2,164,752.00	1	2,164,752.00	Included
- Alibaba Cloud ECS Instance : ecs.c6.2xlarge	ecs.c6.2xlarge		included	3		
- Alibaba Cloud ECS Instance : ecs.g6.8xlarge	ecs.g6.8xlarge		included	10		
- 100GB ECS System Disk (Alibaba Cloud Ultra Disk)			included	13		
- 533GB ECS Data Disk (Alibaba Cloud Ultra Disk)			included	40		
- Alibaba Cloud SLB			included	1		
- Private Network			included	1		
Licensed Software Services						
Alibaba Group Enterprise Linux Server 7.2 (Paladin)			included	13		
Lindorm 3.4.10			included	13		
Lindorm Cluster 3-Year 24*7 Technical Support			included	1		
					Sub-Total	2,164,752.00 CNY
Infrastructures						
Hewlett-Packard Star 14 Youth Edition Laptop (includes spares)		2	3,299.00	3	9,897.00	
					Sub-Total	9,897.00 CNY
Discounts*						
50% OFF for 3-Year Prepaid Plan		1			(1,082,376.00)	
					Sub-Total	(1,082,376.00 CNY)
					Total	1,092,273.00 CNY

Price Sources
 1) Alibaba Cloud, 2) Tmall.com

Three-Year Cost of Ownership (CNY) : ¥ 1,092,273.00 CNY
IoTps : 4,847,961.5241
CNY / kIoTps : ¥ 225.31

Audited by Pre-Publication Board
 * 50% OFF discount is available for 36 months or more prepaid service subscription in all Alibaba Cloud regions.

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



Lindorm 3.4.10

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Numerical Quantities

Scale Factor 9,162,720,000

Performance Run (Run1)

Warmup Run Start Time	2022-03-07 20:39:07.000
Warmup Run End Time	2022-03-07 21:36:17.000
Warmup Run Elapsed Time	2563.802

Measured Run Start Time	2022-03-07 21:36:18.000
Measured Run End Time	2022-03-07 22:07:49.000
Measured Run Elapsed Time	1890.015

Performance Metric (IoTps) 4,847,961.5241

Repeatability Run (Run2)

Warmup Run Start Time	2022-03-07 22:09:54.000
Warmup Run End Time	2022-03-07 22:40:21.000
Warmup Run Elapsed Time	1826.490

Measured Run Start Time	2022-03-07 22:40:23.000
Measured Run End Time	2022-03-07 23:11:45.000
Measured Run Elapsed Time	1881.494

Performance Metric (IoTps) 4,869,917.2040

Run Report for Run 1 (Performance Run)

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TPCx-IoT Performance Metric (IoTps) Report

Test Run 1 details : Total Time For Warmup Run In Seconds = 2563.802
Test Run 1 details : Total Time In Seconds = 1890.015
Total Number of Records = 9162720000

TPCx-IoT Performance Metric (IoTps): 4847961.5241

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Run Report for Run 2 (Repeatability Run)

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TPCx-IoT Performance Metric (IoTps) Report

Test Run 2 details : Total Time For Warmup Run In Seconds = 1826.490
Test Run 2 details : Total Time In Seconds = 1881.494
Total Number of Records = 9162720000

TPCx-IoT Performance Metric (IoTps): 4869917.2040

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Revision History

Date	Edition	Description
March 10, 2022	First	Initial Publication