

# VMmark® 4.0.2 Disclosure

**Server Vendor & Model:** HPE ProLiant DL385 Gen11  
**Storage Vendor & Model:** iSCSI with 2 \* HPE ProLiant DL385 Gen11  
**Hypervisor:** VMware ESXi 8.0 Update 3, Build 24022510  
**Server Management Software:** VMware vCenter Server 8.0 Update 3, Build 24022515

**VMmark 4.0.2 Score =  
5.13 @ 6 Tiles**

Number of Hosts: 2	Uniform Hosts: yes	Total sockets/cores/threads in test: 4/640/1280
Tested By: Hewlett Packard Enterprise	Test Date: 11-10-2024	SUT Availability Date: 01-06-2025
<b>Performance Section</b> <a href="#">Performance</a>	<b>Configuration Section</b> <a href="#">Configuration</a>	<b>Notes Section</b> <a href="#">Notes for Workload</a>
<b>Virtual Machines Section</b> <a href="#">Virtual Machines</a>		

## Performance

TILE_0_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	
p0	13997.69	9235.02	3072.35	2352.78	1827.25	56400.00	56343.99	56401.36	72.02	1.00	
p1	13995.51	9242.27	3025.15	2156.45	1542.88	55581.58	55581.43	55582.26	71.98	1.00	
p2	13996.40	9231.52	3041.12	2347.47	1807.85	55412.95	55412.83	55413.40	71.98	1.00	
TILE_0_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0	1.00	1.00	1.06	1.09	1.19	1.00	1.00	1.00	1.00	1.00	1.04
p1	1.00	1.00	1.04	1.00	1.01	0.98	0.98	0.98	1.00	1.00	1.00
p2	1.00	1.00	1.05	1.09	1.18	0.98	0.98	0.98	1.00	1.00	1.03
TILE_0_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC			
p0	0.55   0.04	0.55   0.04	324.06	342.54	341.93	0.59	0.59	0.59			
p1	0.50   0.02	0.37   0.00	349.14	384.91	401.08	0.60	0.60	0.60			
p2	0.50   0.04	0.36   0.00	340.47	349.64	360.35	0.59	0.59	0.59			
TILE_1_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	
p0	14036.59	9104.01	3098.90	2317.12	1759.55	61956.85	62231.11	62230.14	71.99	1.00	
p1	14024.52	9041.74	3110.88	2296.07	1669.55	60365.64	60369.42	60368.91	71.96	1.00	
p2	13996.58	9036.27	3070.28	2268.60	1730.90	59497.19	59497.25	59496.76	71.95	1.00	
TILE_1_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0	1.00	0.99	1.07	1.08	1.15	1.10	1.10	1.10	1.00	1.00	1.06
p1	1.00	0.98	1.07	1.07	1.09	1.07	1.07	1.07	1.00	1.00	1.05
p2	1.00	0.98	1.06	1.06	1.13	1.05	1.05	1.05	1.00	1.00	1.04
TILE_1_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC			
p0	0.46   0.03	0.30   0.00	307.77	321.44	333.20	0.54	0.55	0.55			

<b>p1</b>	0.44   0.01	0.31   0.01	302.25	327.24	343.42	0.57	0.57	0.57			
<b>p2</b>	0.46   0.02	0.33   0.00	325.57	353.64	361.91	0.57	0.57	0.57			
<b>TILE_2_Scores</b>	<b>WVAuctionVM</b>	<b>WVAuctionK8S</b>	<b>DVDStoreA</b>	<b>DVDStoreB</b>	<b>DVDStoreC</b>	<b>NoSQLBenchA</b>	<b>NoSQLBenchB</b>	<b>NoSQLBenchC</b>	<b>SocialNetwork</b>	<b>Standby</b>	
<b>p0</b>	14000.79	9321.15	3099.95	2290.62	1768.30	54601.74	54605.43	54487.19	71.99	1.00	
<b>p1</b>	13991.79	9239.33	3088.72	2291.10	1670.83	55915.22	55914.75	55914.52	71.96	1.00	
<b>p2</b>	13972.76	9222.20	3063.30	2285.55	1738.05	55961.36	55961.08	55960.85	71.97	1.00	
<b>TILE_2_Ratios</b>	<b>WVAuctionVM</b>	<b>WVAuctionK8S</b>	<b>DVDStoreA</b>	<b>DVDStoreB</b>	<b>DVDStoreC</b>	<b>NoSQLBenchA</b>	<b>NoSQLBenchB</b>	<b>NoSQLBenchC</b>	<b>SocialNetwork</b>	<b>Standby</b>	<b>Geo.Mean</b>
<b>p0</b>	1.00	1.01	1.07	1.07	1.16	0.97	0.97	0.96	1.00	1.00	1.02
<b>p1</b>	1.00	1.00	1.07	1.07	1.09	0.99	0.99	0.99	1.00	1.00	1.02
<b>p2</b>	1.00	1.00	1.06	1.06	1.14	0.99	0.99	0.99	1.00	1.00	1.02
<b>TILE_2_QoS</b>	<b>WVAuctionVM%</b>	<b>WVAuctionK8S%</b>	<b>DVDStoreA</b>	<b>DVDStoreB</b>	<b>DVDStoreC</b>	<b>NoSQLBenchA</b>	<b>NoSQLBenchB</b>	<b>NoSQLBenchC</b>			
<b>p0</b>	0.51   0.05	0.35   0.00	306.75	327.21	326.93	0.57	0.57	0.57			
<b>p1</b>	0.44   0.01	0.34   0.00	313.84	331.66	343.98	0.57	0.57	0.57			
<b>p2</b>	0.46   0.02	0.36   0.00	328.42	339.14	348.53	0.59	0.59	0.59			
<b>TILE_3_Scores</b>	<b>WVAuctionVM</b>	<b>WVAuctionK8S</b>	<b>DVDStoreA</b>	<b>DVDStoreB</b>	<b>DVDStoreC</b>	<b>NoSQLBenchA</b>	<b>NoSQLBenchB</b>	<b>NoSQLBenchC</b>	<b>SocialNetwork</b>	<b>Standby</b>	
<b>p0</b>	13992.86	9039.83	3092.38	2282.38	1733.72	48982.06	49151.42	49154.76	72.02	1.00	
<b>p1</b>	14021.69	9064.00	3050.53	2272.30	1636.72	50140.23	50168.97	50167.60	71.98	1.00	
<b>p2</b>	13993.76	9103.89	3069.60	2270.05	1731.12	51477.48	51477.91	51477.40	71.99	1.00	
<b>TILE_3_Ratios</b>	<b>WVAuctionVM</b>	<b>WVAuctionK8S</b>	<b>DVDStoreA</b>	<b>DVDStoreB</b>	<b>DVDStoreC</b>	<b>NoSQLBenchA</b>	<b>NoSQLBenchB</b>	<b>NoSQLBenchC</b>	<b>SocialNetwork</b>	<b>Standby</b>	<b>Geo.Mean</b>
<b>p0</b>	1.00	0.98	1.07	1.06	1.13	0.87	0.87	0.87	1.00	1.00	0.98
<b>p1</b>	1.00	0.99	1.05	1.06	1.07	0.89	0.89	0.89	1.00	1.00	0.98
<b>p2</b>	1.00	0.99	1.06	1.06	1.13	0.91	0.91	0.91	1.00	1.00	0.99
<b>TILE_3_QoS</b>	<b>WVAuctionVM%</b>	<b>WVAuctionK8S%</b>	<b>DVDStoreA</b>	<b>DVDStoreB</b>	<b>DVDStoreC</b>	<b>NoSQLBenchA</b>	<b>NoSQLBenchB</b>	<b>NoSQLBenchC</b>			
<b>p0</b>	0.72   0.08	0.30   0.00	312.84	339.39	355.55	0.64	0.64	0.64			
<b>p1</b>	0.49   0.02	0.31   0.00	335.61	346.28	372.95	0.59	0.60	0.60			
<b>p2</b>	0.53   0.01	0.31   0.00	322.33	351.27	362.50	0.60	0.60	0.60			
<b>TILE_4_Scores</b>	<b>WVAuctionVM</b>	<b>WVAuctionK8S</b>	<b>DVDStoreA</b>	<b>DVDStoreB</b>	<b>DVDStoreC</b>	<b>NoSQLBenchA</b>	<b>NoSQLBenchB</b>	<b>NoSQLBenchC</b>	<b>SocialNetwork</b>	<b>Standby</b>	
<b>p0</b>	14028.98	9059.19	3069.70	2271.90	1712.55	62196.62	62198.09	62197.65	72.06	1.00	
<b>p1</b>	13999.49	9046.21	3010.18	2211.88	1577.88	60362.64	60363.05	60363.08	72.02	1.00	
<b>p2</b>	13997.61	9058.55	3021.95	2229.97	1693.88	58871.18	58871.42	58871.37	71.97	1.00	
<b>TILE_4_Ratios</b>	<b>WVAuctionVM</b>	<b>WVAuctionK8S</b>	<b>DVDStoreA</b>	<b>DVDStoreB</b>	<b>DVDStoreC</b>	<b>NoSQLBenchA</b>	<b>NoSQLBenchB</b>	<b>NoSQLBenchC</b>	<b>SocialNetwork</b>	<b>Standby</b>	<b>Geo.Mean</b>
<b>p0</b>	1.00	0.98	1.06	1.06	1.12	1.10	1.10	1.10	1.00	1.00	1.06
<b>p1</b>	1.00	0.98	1.04	1.03	1.03	1.07	1.07	1.07	1.00	1.00	1.03
<b>p2</b>	1.00	0.98	1.04	1.04	1.11	1.04	1.04	1.04	1.00	1.00	1.03
<b>TILE_4_QoS</b>	<b>WVAuctionVM%</b>	<b>WVAuctionK8S%</b>	<b>DVDStoreA</b>	<b>DVDStoreB</b>	<b>DVDStoreC</b>	<b>NoSQLBenchA</b>	<b>NoSQLBenchB</b>	<b>NoSQLBenchC</b>			

<b>p0</b>	0.41   0.01	0.28   0.00	325.20	347.73	374.59	0.55	0.55	0.55			
<b>p1</b>	0.44   0.01	0.29   0.00	362.03	397.66	442.08	0.58	0.58	0.58			
<b>p2</b>	0.47   0.02	0.31   0.00	348.63	380.77	397.66	0.59	0.59	0.59			
<b>TILE_5_Scores</b>	<b>WVAuctionVM</b>	<b>WVAuctionK8S</b>	<b>DVDStoreA</b>	<b>DVDStoreB</b>	<b>DVDStoreC</b>	<b>NoSQLBenchA</b>	<b>NoSQLBenchB</b>	<b>NoSQLBenchC</b>	<b>SocialNetwork</b>	<b>Standby</b>	
<b>p0</b>	13985.10	9100.81	3115.20	2242.70	1674.28	52824.57	52525.84	52825.41	72.06	1.00	
<b>p1</b>	13995.08	9101.11	3105.03	2385.95	1752.12	54126.19	54112.53	54126.40	72.03	1.00	
<b>p2</b>	14001.44	9065.36	3075.40	2188.40	1632.42	55013.49	55013.41	55013.25	71.98	1.00	
<b>TILE_5_Ratios</b>	<b>WVAuctionVM</b>	<b>WVAuctionK8S</b>	<b>DVDStoreA</b>	<b>DVDStoreB</b>	<b>DVDStoreC</b>	<b>NoSQLBenchA</b>	<b>NoSQLBenchB</b>	<b>NoSQLBenchC</b>	<b>SocialNetwork</b>	<b>Standby</b>	<b>Geo.Mean</b>
<b>p0</b>	1.00	0.99	1.07	1.04	1.09	0.93	0.93	0.93	1.00	1.00	1.00
<b>p1</b>	1.00	0.99	1.07	1.11	1.15	0.96	0.96	0.96	1.00	1.00	1.02
<b>p2</b>	1.00	0.99	1.06	1.02	1.07	0.97	0.97	0.97	1.00	1.00	1.01
<b>TILE_5_QoS</b>	<b>WVAuctionVM%</b>	<b>WVAuctionK8S%</b>	<b>DVDStoreA</b>	<b>DVDStoreB</b>	<b>DVDStoreC</b>	<b>NoSQLBenchA</b>	<b>NoSQLBenchB</b>	<b>NoSQLBenchC</b>			
<b>p0</b>	0.50   0.02	0.28   0.00	299.37	316.97	338.71	0.59	0.58	0.59			
<b>p1</b>	0.43   0.01	0.30   0.00	304.23	323.32	340.53	0.57	0.57	0.57			
<b>p2</b>	0.44   0.00	0.32   0.00	324.21	355.21	381.99	0.58	0.57	0.57			
<b>p0_score:</b>	6.16										
<b>p1_score:</b>	6.10										
<b>p2_score:</b>	6.13										

<b>Infrastructure_Operations_Scores:</b>	<b>vMotion</b>	<b>SVMotion</b>	<b>XVMotion</b>	<b>Deploy</b>
<b>Completed_Ops_PerHour</b>	29.50	16.00	16.00	17.50
<b>Avg_Seconds_To_Complete</b>	1.25	26.19	22.78	161.77
<b>Failures</b>	0.00	0.00	0.00	0.00
<b>Ratio</b>	1.00	1.23	1.23	1.21
<b>Number_Of_Threads</b>	1	1	1	1
<b>Summary</b>	Run_Is_Compliant		Median_Phase(p2)	
<b>Unreviewed_VMmark4_Applications_Score</b>	6.13			
<b>Unreviewed_VMmark4_Infrastructure_Score</b>	1.16			
<b>Unreviewed_VMmark4_Score</b>	5.13 @ 6 Tiles			

## Configuration

<b>Virtualization Software</b>	
Hypervisor Vendor, Product, Version, and Build / Availability Date (MM-DD-YYYY)	VMware ESXi 8.0 Update 3, Build 24022510 / 06-25-2024

Server Management Software Vendor, Product, Version, and Build / Availability Date (MM-DD-YYYY)	VMware vCenter Server 8.0 Update 3, Build 24022515 / 06-25-2024
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Supplemental Software	None
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<b>Servers</b>	
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Number of Servers in System Under Test (all subsequent fields in this section are per Server)	2
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Server Manufacturer and Model	HPE ProLiant DL385 Gen11
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Processor Vendor and Model	AMD EPYC 9845
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Processor Speed (GHz) / Turbo Boost Speed (GHz)	2.1 GHz / 3.7 GHz
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Total Sockets/Total Cores/Total Threads	2 Sockets / 320 Cores / 640 Threads
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NUMA Nodes	2
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BIOS Version	2.10
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Memory Size (in GB, Number of DIMMs)	Physical Memory (BIOS): 1536 GB Physical Memory (ESXi): 1536 GB Number of DIMMs: 24
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Memory Type and Speed	Location	Size	Speed	Max Speed	Rank	Type	Detail
	PROC 1 DIMM 1	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 1 DIMM 2	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 1 DIMM 3	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 1 DIMM 4	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 1 DIMM 5	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 1 DIMM 6	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 1 DIMM 7	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 1 DIMM 8	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 1 DIMM 9	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 1 DIMM 10	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 1 DIMM 11	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 1 DIMM 12	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 2 DIMM 1	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 2 DIMM 2	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 2 DIMM 3	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered

<b>PROC 2 DIMM 4</b>	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
<b>PROC 2 DIMM 5</b>	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
<b>PROC 2 DIMM 6</b>	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
<b>PROC 2 DIMM 7</b>	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
<b>PROC 2 DIMM 8</b>	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
<b>PROC 2 DIMM 9</b>	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
<b>PROC 2 DIMM 10</b>	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
<b>PROC 2 DIMM 11</b>	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
<b>PROC 2 DIMM 12</b>	64 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered

Number of SAS Devices 0

SAS Device Vendors and Models None

Number of Virtual Host Bus Adapters 0

Virtual Host Bus Adapter Vendors and Models None

Power Supply Quantity, Name/Part Number, Wattage, Firmware, and Type (Voltage, AC/DC)

- Power supply information:
  - 2 \* HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit per server (P38997-B21)
  - Firmware: 2.0
  - Voltage Type: AC

Cooling Type (Air Cooling, Closed Loop Cooling, Direct Liquid Cooling, or Other) Air Cooling

Other Hardware None

Other Software None

BIOS Availability Date (MM-DD-YYYY) 09-11-2024

Hardware Availability Date (MM-DD-YYYY) 01-06-2025

Software Availability Date (MM-DD-YYYY) 06-25-2024

**Network**

Number of Virtual Network Controllers 4

Device	Speed	Duplex	MTU	Firmware	Driver	Description
<b>vmnic0</b>	25 Gbps	Full	9000	26.33.1048	nmlx5_core	Mellanox Technologies ConnectX-6 Lx EN NIC; 25GbE; dual-port SFP28; PCIe4.0 x8; (MCX631102AN-ADA)
<b>vmnic1</b>	25 Gbps	Full	9000	26.33.1048	nmlx5_core	Mellanox Technologies ConnectX-6 Lx EN NIC; 25GbE; dual-port SFP28; PCIe4.0 x8; (MCX631102AN-ADA)

Virtual Network Controllers, Speeds, MTUs, Firmware,

Drivers, Vendors, and Models	<b>vmnic2</b>	100 Gbps	Full	9000	28.36.1700	nmlx5_core	Mellanox Technologies ConnectX-7 VPI NIC; NDR200/HDR IB /200GbE; dual-port QSFP; PCIe5.0 x16; (MCX755106AS-HEA)
	<b>vmnic3</b>	100 Gbps	Full	9000	28.36.1700	nmlx5_core	Mellanox Technologies ConnectX-7 VPI NIC; NDR200/HDR IB /200GbE; dual-port QSFP; PCIe5.0 x16; (MCX755106AS-HEA)

Number of Virtual Switches: 3

Switch	Ports	Configured Ports	MTU	Uplinks
<b>vSwitch0</b>	9216	128	9000	vmnic0
<b>vSwitch1</b>	9216	128	9000	vmnic1
<b>vSwitch2</b>	9216	128	9000	vmnic2, vmnic3

  

Switch	Port Group	VLAN ID	Uplinks
<b>vSwitch0</b>	Management Network	0	vmnic0
<b>vSwitch0</b>	VM Network	0	vmnic0
<b>vSwitch1</b>	vmotion	0	vmnic1
<b>vSwitch2</b>	iSER1	0	vmnic2
<b>vSwitch2</b>	iSER2	0	vmnic3

Device	Port Group/DVPort	MTU	TCP/IP Stack	Services
<b>vmk0</b>	Management Network	9000	Default	Management
<b>vmk1</b>	iSER1	9000	Default	None
<b>vmk2</b>	iSER2	9000	Default	None
<b>vmk3</b>	vmotion	9000	Default	vMotion

Physical Switch Vendors, Models, and Speeds: HPE SN2700M 100GE 32QSFP28

**Primary Storage**

Storage Category: iSCSI Target

Datstores	Type	Size	Storage Device
<b>OSDATA-3a53b5b8-52790f3c-84b2-000f53bd2ef0</b>	VMFSOS	128.6 GB	Local NVMe Disk
<b>deploy_source</b>	VMFS-6	8.8 TB	LIO-ORG iSCSI Disk
<b>deploy_target</b>	VMFS-6	2.2 TB	LIO-ORG iSCSI Disk
<b>nosql0</b>	VMFS-6	2.2 TB	LIO-ORG iSCSI Disk
<b>nosql1</b>	VMFS-6	2.2 TB	LIO-ORG iSCSI Disk
<b>nosql2</b>	VMFS-6	2.2 TB	LIO-ORG iSCSI Disk
<b>nosql3</b>	VMFS-6	2.2 TB	LIO-ORG iSCSI Disk
<b>nosql4</b>	VMFS-6	2.2 TB	LIO-ORG iSCSI Disk
<b>nosql5</b>	VMFS-6	2.2 TB	LIO-ORG iSCSI Disk

Datstores

<b>source</b>	VMFS-6	2.2 TB	LIO-ORG iSCSI Disk
<b>target</b>	VMFS-6	2.2 TB	LIO-ORG iSCSI Disk
<b>tile0</b>	VMFS-6	2.2 TB	LIO-ORG iSCSI Disk
<b>tile1</b>	VMFS-6	2.2 TB	LIO-ORG iSCSI Disk
<b>tile2</b>	VMFS-6	2.2 TB	LIO-ORG iSCSI Disk
<b>tile3</b>	VMFS-6	2.2 TB	LIO-ORG iSCSI Disk
<b>tile4</b>	VMFS-6	2.2 TB	LIO-ORG iSCSI Disk
<b>tile5</b>	VMFS-6	2.2 TB	LIO-ORG iSCSI Disk
<b>tile6</b>	VMFS-6	2.2 TB	LIO-ORG iSCSI Disk

Number of Storage Devices

18

Storage Device Names, Sizes, Types, Vendors, Models, and Revisions

Storage Device	Size	Type	Vendor	Model	Revision	Path Selection Policy	Path Selection Policy Config	# Working Paths
<b>Local NVMe Disk (Boot Device)</b>	480.0 GB	Direct-Access	NVMe	HPE NS204i-u Gen11 Boot Controller	12141012	FIXED	preferred=none	1
<b>LIO-ORG iSCSI Disk</b>	2.2 TB	Direct-Access	LIO-ORG	nosql2	4.0	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	2
<b>LIO-ORG iSCSI Disk</b>	2.2 TB	Direct-Access	LIO-ORG	tile2	4.0	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	2
<b>LIO-ORG iSCSI Disk</b>	2.2 TB	Direct-Access	LIO-ORG	nosql7	4.0	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	2
<b>LIO-ORG iSCSI Disk</b>	2.2 TB	Direct-Access	LIO-ORG	nosql6	4.0	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	2
<b>LIO-ORG iSCSI Disk</b>	2.2 TB	Direct-Access	LIO-ORG	tile0	4.0	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	2
<b>LIO-ORG iSCSI Disk</b>	2.2 TB	Direct-Access	LIO-ORG	tile6	4.0	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	2
<b>LIO-ORG iSCSI Disk</b>	2.2 TB	Direct-Access	LIO-ORG	nosql1	4.0	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	2
<b>LIO-ORG iSCSI Disk</b>	2.2 TB	Direct-Access	LIO-ORG	nosql3	4.0	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	2
<b>LIO-ORG iSCSI Disk</b>	2.2 TB	Direct-Access	LIO-ORG	tile7	4.0	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	2
<b>LIO-ORG iSCSI Disk</b>	2.2 TB	Direct-Access	LIO-ORG	tile5	4.0	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	2
<b>LIO-ORG iSCSI Disk</b>	2.2 TB	Direct-Access	LIO-ORG	tile3	4.0	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	2
<b>LIO-ORG iSCSI Disk</b>	2.2 TB	Direct-Access	LIO-ORG	nosql0	4.0	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	2
<b>LIO-ORG iSCSI</b>	2.2 TB	Direct-	LIO-	nosql5	4.0	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	2

	<b>Disk</b>		Access	ORG					
	<b>LIO-ORG iSCSI Disk</b>	2.2 TB	Direct-Access	LIO-ORG	tile4	4.0	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	2
	<b>LIO-ORG iSCSI Disk</b>	2.2 TB	Direct-Access	LIO-ORG	tile1	4.0	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	2
	<b>LIO-ORG iSCSI Disk</b>	2.2 TB	Direct-Access	LIO-ORG	nosql4	4.0	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	2
	<b>LIO-ORG iSCSI Disk</b>	8.8 TB	Direct-Access	LIO-ORG	source	4.0	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	2

How Datastores Map to Storage Devices	See Storage Notes Section
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VMware vSAN Configuration (if used)	None
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RAID Configuration (if used)	None
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**Server Management**

VMware vCenter Server Number of vCPUs	8
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VMware vCenter Server Virtual Memory (in GB)	30
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**Clients**

Total Client VMs (including Prime Client)	7
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Number of Client Hosts (all subsequent fields in this section are per Client Host)	2
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System Model(s)	<ul style="list-style-type: none"> <li>Client Host 1: HPE ProLiant DL385 Gen11</li> <li>Client Host 2: HPE ProLiant DL385 Gen11</li> </ul>
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Processor Vendor(s) and Model(s)	<ul style="list-style-type: none"> <li>Client Host 1: AMD EPYC 9754</li> <li>Client Host 2: AMD EPYC 9754</li> </ul>
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Processor Speed(s) (GHz)	<ul style="list-style-type: none"> <li>Client Host 1: 2.25 GHz</li> <li>Client Host 2: 2.25 GHz</li> </ul>
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Total Sockets/Total Cores/Total Threads	<b>Client Host</b>	<b>Sockets</b>	<b>Cores</b>	<b>Threads</b>
	<b>Client Host 1</b>	2	256	512
	<b>Client Host 2</b>	2	256	512
	<b>Total</b>	4	512	1024



NUMA Nodes	<ul style="list-style-type: none"> <li>Client Host 1: 4</li> <li>Client Host 2: 4</li> </ul>							
Memory Size (in GB) per Client Host	<b>Client Host</b>	<b>BIOS</b>	<b>ESXi</b>					
	<b>Client Host 1</b>	1536 GB	1536 GB					
	<b>Client Host 2</b>	1536 GB	1536 GB					
Virtual Network Controllers, Speeds, MTUs, Firmware, Drivers, Vendors, and Models	<b>Client Host</b>	<b>Device</b>	<b>Speed</b>	<b>Duplex</b>	<b>MTU</b>	<b>Firmware</b>	<b>Driver</b>	<b>Description</b>
	<b>Client Host 1</b>	<b>vmnic0</b>	25 Gbps	Full	9000	26.33.1048	nmlx5_core	Mellanox Technologies ConnectX-6 Lx EN NIC; 25GbE; dual-port SFP28; PCIe4.0 x8; (MCX631102AN-ADA)
		<b>vmnic1</b>	25 Gbps	Full	9000	26.33.1048	nmlx5_core	Mellanox Technologies ConnectX-6 Lx EN NIC; 25GbE; dual-port SFP28; PCIe4.0 x8; (MCX631102AN-ADA)
	<b>Client Host 2</b>	<b>vmnic0</b>	25 Gbps	Full	9000	26.33.1048	nmlx5_core	Mellanox Technologies ConnectX-6 Lx EN NIC; 25GbE; dual-port SFP28; PCIe4.0 x8; (MCX631102AN-ADA)
		<b>vmnic1</b>	25 Gbps	Full	9000	26.33.1048	nmlx5_core	Mellanox Technologies ConnectX-6 Lx EN NIC; 25GbE; dual-port SFP28; PCIe4.0 x8; (MCX631102AN-ADA)
Virtual Switches, Ports, Port Groups, MTUs, and Uplinks	<b>Client Host</b>	<b>Switch</b>	<b>Ports</b>	<b>Configured Ports</b>	<b>MTU</b>	<b>Uplinks</b>		
	<b>Client Host 1</b>	<b>vSwitch0</b>	9216	128	9000	vmnic0, vmnic1		
	<b>Client Host 2</b>	<b>vSwitch0</b>	9216	128	9000	vmnic0, vmnic1		
	<b>Client Host</b>	<b>Switch</b>	<b>Port Group</b>		<b>VLAN ID</b>	<b>Uplinks</b>		
	<b>Client Host 1</b>	<b>vSwitch0</b>	Management Network		0	vmnic0, vmnic1		
		<b>vSwitch0</b>	VM Network		0	vmnic0, vmnic1		
	<b>Client Host 2</b>	<b>vSwitch0</b>	Management Network		0	vmnic0, vmnic1		
		<b>vSwitch0</b>	VM Network		0	vmnic0, vmnic1		
VMkernel Network Adapters, Port Groups, MTUs, TCP/IP Stacks, and Services	<b>Client Host</b>	<b>Device</b>	<b>Port Group/DVPort</b>	<b>MTU</b>	<b>TCP/IP Stack</b>	<b>Services</b>		
	<b>Client Host 1</b>	<b>vmk0</b>	Management Network	9000	Default	vSAN, Management, vMotion		
	<b>Client Host 2</b>	<b>vmk0</b>	Management Network	9000	Default	vSAN, Management, vMotion		
Client Storage Notes	See Client Notes Section							
Other Hardware	None							
Other Software	VMware ESXi 8.0 Update 3, Build 24022510							

## Notes for Workload

Template deployed with disk type: Thick Eager

## Virtualization Software Notes

- vSphere DRS Enabled
- vSphere DRS Automation Level set to Fully Automated
- vSphere DRS Migration Threshold set to 1
- vSphere DRS Advanced Option AggressiveCPUActive set to 1

- Logical CPU layout changed for all multi-CPU VMs to 1 socket with multiple cores except Template, PrimeClient, and Client VMs. (default single core per socket)
- Logging was disabled for all VMs (default enabled)
- All DS35DB, NoSQLBench, SocialNetwork and Auction K VMs had CPU shares set to High (default Normal)
- All Standby VMs had CPU shares set to Low (default Normal)
- All memory reserved (LockedToMax) for all DS35DB VMs
- sched.mem.lpage.enable1GPage set to TRUE for all DS35DB VMs (default FALSE)
- CD/DVD device was removed from all VMs (default present)
- PrimeClient's second virtual disk configured to be 1 TB (default: 50 GB)

SUT Host ESXi Advanced Settings:

Advanced Setting	Host 1	Host 2	Default
Cpu.CreditAgePeriod	1000	1000	3000
Cpu.HTWholeCoreThreshold	0	0	800
Disk.IdleCredit	64	64	32
Disk.ReqCallThreshold	1	1	8
Mem.CtlMaxPercent	0	0	65
Mem.ShareScanGHz	0	0	4
Numa.LTermFairnessInterval	0	0	5
Numa.LocalityWeightActionAffinity	0	0	130
Numa.MigImbalanceThreshold	57	57	10
Numa.PageMigEnable	0	0	1
Numa.RebalancePeriod	60000	60000	2000
Numa.SwapLoadEnable	0	0	1
Numa.SwapLocalityEnable	0	0	1
Power.CpuPolicy	Performance	Performance	Balanced
UserVars.HostClientCEIPOptIn	2	2	0
UserVars.SuppressShellWarning	1	1	0

SUT Host ESXi Module Options:

On each host, 'esxcli rdma iser add' was executed to add an iSER device to enable the iser module driver

Module	Host 1	Host 2	Default
tcpip4	ipv6=1	ipv6=1	ipv6=1

## Server Notes

Server BIOS settings

- HPE Workload Profile set to "Virtualization - Max Performance" (default: General Power Efficient Compute)
- Thermal Configuration set to Maximum Cooling (default: Optimal Cooling)

- Determinism control set to manual (default: Auto)
- Minimum Processor Idle Power Core C-state set to No-Cstates (default: C6)
- Memory Patrol Scrubbing set to Disabled (default: Enabled)

## Networking Notes

### SUT hosts

- vSwitch0 configuration
  - Uplink: vmnic0
  - Usage: vmk0 (MTU 9000) - used for management and VM network
- vSwitch1 configuration
  - Uplink: vmnic1
  - Usage: vmk3 (MTU 9000) - used for vMotion
- vSwitch2 configuration
  - Uplink: vmnic2, vmnic3
  - Usage:
    - vmk1 (MTU 9000) - configured for iSCSI traffic, vmnic2 configured as the Failover Override Active Adapter for Portgroup iSER1
    - vmk2 (MTU 9000) - configured for iSCSI traffic, vmnic3 configured as the Failover Override Active Adapter for Portgroup iSER2

### Client hosts

- vSwitch0 configuration
  - Uplink: vmnic0, vmnic1
  - Usage: vmk0 (MTU 9000) - used for management, vMotion, and Client VM network
    - vSAN networking was enabled, but unused on vmk0

## Storage Notes

### OS Storage

- On each SUT host, VMware ESXi 8.0 Update 3 was installed on HPE NS204i-u Gen11 NVMe Hot Plug Boot Optimized Storage Device which provides a RAID1 volume on 2 x 480 GB NVMe M.2 SSDs.
- On each client host, VMware ESXi 8.0 Update 3 was installed on HPE NS204i-u Gen11 NVMe Hot Plug Boot Optimized Storage Device which provides a RAID1 volume on 2 x 480 GB NVMe M.2 SSDs.

### Primary and Secondary Storage: iSCSI Target via SCSI Target Server (LIO)

- Hardware details
  - 2 x HPE ProLiant DL385 Gen11
    - 2 x AMD EPYC 9374F (3.85 GHz)
    - 1.5TB (24 x 64GB 2Rx4 5600 MHz DDR5 RDIMMs)
    - 1 x 2-port Mellanox Technologies ConnectX-7 VPI NDR200/HDR IB /200GbE NIC used as iSCSI target controller(Operating at 100 Gbps speed)
    - 1 x HPE NS204i-u Gen11 NVMe Hot Plug Boot Optimized Storage Device
    - 24 x HPE 3.84TB NVMe Gen5 High Performance Read Intensive E3S EC1 EDSFF SPDM PM1743
- Software Details
  - Operating System: Canonical Ubuntu Linux 24.04 LTS - 6.8.0-41-generic
  - iSCSI Target SW: LIO
  - Software RAID configuration
    - On each iSCSI Target, two RAID 10 volume groups created on 12 x HPE 3.84TB NVMe Gen5 High Performance Read Intensive E3S EC1 EDSFF SPDM PM1743
- All disks within each RAID 10 volume group were exclusively connected to socket 1 or socket 2

- LUN details

- iSCSI Target 1, socket 1, RAID 10 volume group
  - 4 x 2TB volume groups exported as LUNs named nosql0, nosql2, nosql4, and source
    - nosql0 LUN stored AuctionWebDNosql,NoSQLBenchA,NoSQLBenchB, and NoSQLBenchC VMs of Tile0
    - nosql2 LUN stored AuctionWebDNosql,NoSQLBenchA,NoSQLBenchB, and NoSQLBenchC VMs of Tile2
    - nosql4 LUN stored AuctionWebDNosql,NoSQLBenchA,NoSQLBenchB, and NoSQLBenchC VMs of Tile4
    - source LUN stored AuctionWebF and DS35WebA VMs for all the tiles
- iSCSI Target 1, socket 2, RAID 10 volume group
  - 4 x 2TB volume groups exported as LUNs named nosql1, nosql3, nosql5, and target
    - nosql1 LUN stored AuctionWebDNosql,NoSQLBenchA,NoSQLBenchB, and NoSQLBenchC VMs of Tile1
    - nosql3 LUN stored AuctionWebDNosql,NoSQLBenchA,NoSQLBenchB, and NoSQLBenchC VMs of Tile3
    - nosql5 LUN stored AuctionWebDNosql,NoSQLBenchA,NoSQLBenchB, and NoSQLBenchC VMs of Tile5
    - target LUN was used for Storage Vmotion and XvMotion operations
- iSCSI Target 2, socket 1, RAID 10 volume group
  - 3 x 2TB volume groups and 1 x 8TB volume group exported as LUNs named tile0, tile2, tile4, and deploy\_source
    - tile0 LUN stored AuctionAppA,AuctionAppB,AuctionAppC,AuctionWebA,AuctionWebB,AuctionWebC,AuctionWebEDB,DS35WebB,DS35WebC,Standby,SocialNetwork VMs of Tile0
    - tile2 LUN stored AuctionAppA,AuctionAppB,AuctionAppC,AuctionWebA,AuctionWebB,AuctionWebC,AuctionWebEDB,DS35WebB,DS35WebC,Standby,SocialNetwork VMs of Tile2
    - tile4 LUN stored AuctionAppA,AuctionAppB,AuctionAppC,AuctionWebA,AuctionWebB,AuctionWebC,AuctionWebEDB,DS35WebB,DS35WebC,Standby,SocialNetwork VMs of Tile4
    - deploy\_source LUN stored the VMmark4 Template
- iSCSI Target 2, socket 2, RAID 10 volume group
  - 4 x 2TB volume groups exported as LUNs named tile1, tile3, tile5, and deploy\_target
    - tile1 LUN stored AuctionAppA,AuctionAppB,AuctionAppC,AuctionWebA,AuctionWebB,AuctionWebC,AuctionWebEDB,DS35WebB,DS35WebC,Standby,SocialNetwork VMs of Tile1
    - tile3 LUN stored AuctionAppA,AuctionAppB,AuctionAppC,AuctionWebA,AuctionWebB,AuctionWebC,AuctionWebEDB,DS35WebB,DS35WebC,Standby,SocialNetwork VMs of Tile3
    - tile5 LUN stored AuctionAppA,AuctionAppB,AuctionAppC,AuctionWebA,AuctionWebB,AuctionWebC,AuctionWebEDB,DS35WebB,DS35WebC,Standby,SocialNetwork VMs of Tile5
    - deploy\_target LUN used for VMmark4 Deploy operations

## Server Management Notes

VMware vCenter Server Appliance 8.0 Update 3, Build 24022515 was hosted on Client host2 which is part of the client cluster

## Operating System Notes

SUT Host ESXi Image Profile: (Updated) HPE-Custom-AddOn\_803.0.0.11.7.0-23

## Software Notes

None

## Client Notes

- vSphere DRS Disabled

Client Host ESXi Advanced Settings:

Advanced Setting	Host 1	Host 2	Default
UserVars.HostClientCEIPOptIn	2	2	0

Client Host ESXi Module Options:

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Module	Host 1	Host 2	Default
tcpip4	ipv6=1	ipv6=1	ipv6=1

Client Host ESXi Image Profile: (Updated) HPE-Custom-AddOn\_803.0.0.11.7.0-23

#### Client Storage

- 2 \* HPE 3.84TB NVMe Gen5 High Performance Read Intensive E3S EC1 EDSFF SPDM PM1743 SSD was used for all client VMs, including the PrimeClient, and the vCenter Server VM
  - All Client VMs stored on the first NVMe of each Client host, except the PrimeClient
  - The PrimeClient and VCSA VM were stored on the second NVMe of the second Client host

#### Client Host VMs:

- Client Host 1: Client0, Client2, Client4
- Client Host 2: Client1, Client3, Client5, PrimeClient, VCSA8U3

#### Other Notes

None

#### VMmark4.properties Settings

- TileDelay = 15 (default 60)
- LogLevel = DEBUG (default INFO)
- ReporterSkipNonCompliant = 1 (default 0)
- ErrorImmediate = 1 (default 0)

## Virtual Machines

### SUT Host Virtual Machines

VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
AuctionAppA0	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile0	VM Network	17	12325
AuctionAppA1	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile1	VM Network	17	12325
AuctionAppA2	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile2	VM Network	17	12325
AuctionAppA3	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile3	VM Network	17	12325
AuctionAppA4	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile4	VM Network	17	12325
AuctionAppA5	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile5	VM Network	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version

AuctionAppB0	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile0	VM Network	17	12325
AuctionAppB1	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile1	VM Network	17	12325
AuctionAppB2	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile2	VM Network	17	12325
AuctionAppB3	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile3	VM Network	17	12325
AuctionAppB4	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile4	VM Network	17	12325
AuctionAppB5	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile5	VM Network	17	12325
<b>VM</b>	<b>vCPUs</b>	<b>Cores Per Socket</b>	<b>Memory (MB)</b>	<b>Sync Time</b>	<b>Logging</b>	<b>CD/DVD</b>	<b>CPU Res</b>	<b>CPU Limit</b>	<b>CPU Shares</b>	<b>Mem Res</b>	<b>Mem Limit</b>	<b>Mem Shares</b>	<b>Mem Pin</b>	<b>Mem 1G Page</b>	<b>Disk Shares</b>	<b>Datastore</b>	<b>Port Group</b>	<b>vHW Version</b>	<b>Tools Version</b>
AuctionAppC0	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile0	VM Network	17	12325
AuctionAppC1	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile1	VM Network	17	12325
AuctionAppC2	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile2	VM Network	17	12325
AuctionAppC3	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile3	VM Network	17	12325
AuctionAppC4	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile4	VM Network	17	12325
AuctionAppC5	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile5	VM Network	17	12325
<b>VM</b>	<b>vCPUs</b>	<b>Cores Per Socket</b>	<b>Memory (MB)</b>	<b>Sync Time</b>	<b>Logging</b>	<b>CD/DVD</b>	<b>CPU Res</b>	<b>CPU Limit</b>	<b>CPU Shares</b>	<b>Mem Res</b>	<b>Mem Limit</b>	<b>Mem Shares</b>	<b>Mem Pin</b>	<b>Mem 1G Page</b>	<b>Disk Shares</b>	<b>Datastore</b>	<b>Port Group</b>	<b>vHW Version</b>	<b>Tools Version</b>
AuctionKA0	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile0	VM Network	17	12325
AuctionKA1	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile1	VM Network	17	12325
AuctionKA2	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile2	VM Network	17	12325
AuctionKA3	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile3	VM Network	17	12325
AuctionKA4	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile4	VM Network	17	12325
AuctionKA5	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile5	VM Network	17	12325
<b>VM</b>	<b>vCPUs</b>	<b>Cores Per Socket</b>	<b>Memory (MB)</b>	<b>Sync Time</b>	<b>Logging</b>	<b>CD/DVD</b>	<b>CPU Res</b>	<b>CPU Limit</b>	<b>CPU Shares</b>	<b>Mem Res</b>	<b>Mem Limit</b>	<b>Mem Shares</b>	<b>Mem Pin</b>	<b>Mem 1G Page</b>	<b>Disk Shares</b>	<b>Datastore</b>	<b>Port Group</b>	<b>vHW Version</b>	<b>Tools Version</b>
AuctionKB0	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile0	VM Network	17	12325
AuctionKB1	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile1	VM Network	17	12325
AuctionKB2	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile2	VM Network	17	12325

AuctionKB3	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile3	VM Network	17	12325
AuctionKB4	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile4	VM Network	17	12325
AuctionKB5	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile5	VM Network	17	12325
<b>VM</b>	<b>vCPUs</b>	<b>Cores Per Socket</b>	<b>Memory (MB)</b>	<b>Sync Time</b>	<b>Logging</b>	<b>CD/DVD</b>	<b>CPU Res</b>	<b>CPU Limit</b>	<b>CPU Shares</b>	<b>Mem Res</b>	<b>Mem Limit</b>	<b>Mem Shares</b>	<b>Mem Pin</b>	<b>Mem 1G Page</b>	<b>Disk Shares</b>	<b>Datastore</b>	<b>Port Group</b>	<b>vHW Version</b>	<b>Tools Version</b>
AuctionKC0	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile0	VM Network	17	12325
AuctionKC1	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile1	VM Network	17	12325
AuctionKC2	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile2	VM Network	17	12325
AuctionKC3	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile3	VM Network	17	12325
AuctionKC4	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile4	VM Network	17	12325
AuctionKC5	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile5	VM Network	17	12325
<b>VM</b>	<b>vCPUs</b>	<b>Cores Per Socket</b>	<b>Memory (MB)</b>	<b>Sync Time</b>	<b>Logging</b>	<b>CD/DVD</b>	<b>CPU Res</b>	<b>CPU Limit</b>	<b>CPU Shares</b>	<b>Mem Res</b>	<b>Mem Limit</b>	<b>Mem Shares</b>	<b>Mem Pin</b>	<b>Mem 1G Page</b>	<b>Disk Shares</b>	<b>Datastore</b>	<b>Port Group</b>	<b>vHW Version</b>	<b>Tools Version</b>
AuctionKD0	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile0	VM Network	17	12325
AuctionKD1	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile1	VM Network	17	12325
AuctionKD2	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile2	VM Network	17	12325
AuctionKD3	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile3	VM Network	17	12325
AuctionKD4	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile4	VM Network	17	12325
AuctionKD5	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	tile5	VM Network	17	12325
<b>VM</b>	<b>vCPUs</b>	<b>Cores Per Socket</b>	<b>Memory (MB)</b>	<b>Sync Time</b>	<b>Logging</b>	<b>CD/DVD</b>	<b>CPU Res</b>	<b>CPU Limit</b>	<b>CPU Shares</b>	<b>Mem Res</b>	<b>Mem Limit</b>	<b>Mem Shares</b>	<b>Mem Pin</b>	<b>Mem 1G Page</b>	<b>Disk Shares</b>	<b>Datastore</b>	<b>Port Group</b>	<b>vHW Version</b>	<b>Tools Version</b>
AuctionWebA0	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile0	VM Network	17	12325
AuctionWebA1	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile1	VM Network	17	12325
AuctionWebA2	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile2	VM Network	17	12325
AuctionWebA3	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile3	VM Network	17	12325
AuctionWebA4	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile4	VM Network	17	12325
AuctionWebA5	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile5	VM Network	17	12325

VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
AuctionWebB0	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile0	VM Network	17	12325
AuctionWebB1	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile1	VM Network	17	12325
AuctionWebB2	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile2	VM Network	17	12325
AuctionWebB3	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile3	VM Network	17	12325
AuctionWebB4	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile4	VM Network	17	12325
AuctionWebB5	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile5	VM Network	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
AuctionWebC0	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile0	VM Network	17	12325
AuctionWebC1	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile1	VM Network	17	12325
AuctionWebC2	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile2	VM Network	17	12325
AuctionWebC3	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile3	VM Network	17	12325
AuctionWebC4	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile4	VM Network	17	12325
AuctionWebC5	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile5	VM Network	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
AuctionWebDNosql0	4	4	20480	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	nosql0	VM Network	17	12325
AuctionWebDNosql1	4	4	20480	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	nosql1	VM Network	17	12325
AuctionWebDNosql2	4	4	20480	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	nosql2	VM Network	17	12325
AuctionWebDNosql3	4	4	20480	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	nosql3	VM Network	17	12325
AuctionWebDNosql4	4	4	20480	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	nosql4	VM Network	17	12325
AuctionWebDNosql5	4	4	20480	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	nosql5	VM Network	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
AuctionWebEDB0	4	4	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile0	VM Network	17	12325
AuctionWebEDB1	4	4	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile1	VM Network	17	12325



AuctionWebEDB2	4	4	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile2	VM Network	17	12325
AuctionWebEDB3	4	4	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile3	VM Network	17	12325
AuctionWebEDB4	4	4	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile4	VM Network	17	12325
AuctionWebEDB5	4	4	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile5	VM Network	17	12325
<b>VM</b>	<b>vCPUs</b>	<b>Cores Per Socket</b>	<b>Memory (MB)</b>	<b>Sync Time</b>	<b>Logging</b>	<b>CD/DVD</b>	<b>CPU Res</b>	<b>CPU Limit</b>	<b>CPU Shares</b>	<b>Mem Res</b>	<b>Mem Limit</b>	<b>Mem Shares</b>	<b>Mem Pin</b>	<b>Mem 1G Page</b>	<b>Disk Shares</b>	<b>Datastore</b>	<b>Port Group</b>	<b>vHW Version</b>	<b>Tools Version</b>
AuctionWebF0	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	source	VM Network	17	12325
AuctionWebF1	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	source	VM Network	17	12325
AuctionWebF2	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	source	VM Network	17	12325
AuctionWebF3	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	source	VM Network	17	12325
AuctionWebF4	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	source	VM Network	17	12325
AuctionWebF5	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	source	VM Network	17	12325
<b>VM</b>	<b>vCPUs</b>	<b>Cores Per Socket</b>	<b>Memory (MB)</b>	<b>Sync Time</b>	<b>Logging</b>	<b>CD/DVD</b>	<b>CPU Res</b>	<b>CPU Limit</b>	<b>CPU Shares</b>	<b>Mem Res</b>	<b>Mem Limit</b>	<b>Mem Shares</b>	<b>Mem Pin</b>	<b>Mem 1G Page</b>	<b>Disk Shares</b>	<b>Datastore</b>	<b>Port Group</b>	<b>vHW Version</b>	<b>Tools Version</b>
DS35DB0	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	high	TRUE	TRUE	normal	tile0	VM Network	17	12325
DS35DB1	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	high	TRUE	TRUE	normal	tile1	VM Network	17	12325
DS35DB2	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	high	TRUE	TRUE	normal	tile2	VM Network	17	12325
DS35DB3	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	high	TRUE	TRUE	normal	tile3	VM Network	17	12325
DS35DB4	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	high	TRUE	TRUE	normal	tile4	VM Network	17	12325
DS35DB5	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	high	TRUE	TRUE	normal	tile5	VM Network	17	12325
<b>VM</b>	<b>vCPUs</b>	<b>Cores Per Socket</b>	<b>Memory (MB)</b>	<b>Sync Time</b>	<b>Logging</b>	<b>CD/DVD</b>	<b>CPU Res</b>	<b>CPU Limit</b>	<b>CPU Shares</b>	<b>Mem Res</b>	<b>Mem Limit</b>	<b>Mem Shares</b>	<b>Mem Pin</b>	<b>Mem 1G Page</b>	<b>Disk Shares</b>	<b>Datastore</b>	<b>Port Group</b>	<b>vHW Version</b>	<b>Tools Version</b>
DS35WebA0	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	source	VM Network	17	12325
DS35WebA1	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	source	VM Network	17	12325
DS35WebA2	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	source	VM Network	17	12325
DS35WebA3	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	source	VM Network	17	12325
DS35WebA4	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	source	VM Network	17	12325

DS35WebA5	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	source	VM Network	17	12325
<b>VM</b>	<b>vCPUs</b>	<b>Cores Per Socket</b>	<b>Memory (MB)</b>	<b>Sync Time</b>	<b>Logging</b>	<b>CD/DVD</b>	<b>CPU Res</b>	<b>CPU Limit</b>	<b>CPU Shares</b>	<b>Mem Res</b>	<b>Mem Limit</b>	<b>Mem Shares</b>	<b>Mem Pin</b>	<b>Mem 1G Page</b>	<b>Disk Shares</b>	<b>Datastore</b>	<b>Port Group</b>	<b>vHW Version</b>	<b>Tools Version</b>
DS35WebB0	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile0	VM Network	17	12325
DS35WebB1	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile1	VM Network	17	12325
DS35WebB2	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile2	VM Network	17	12325
DS35WebB3	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile3	VM Network	17	12325
DS35WebB4	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile4	VM Network	17	12325
DS35WebB5	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile5	VM Network	17	12325
<b>VM</b>	<b>vCPUs</b>	<b>Cores Per Socket</b>	<b>Memory (MB)</b>	<b>Sync Time</b>	<b>Logging</b>	<b>CD/DVD</b>	<b>CPU Res</b>	<b>CPU Limit</b>	<b>CPU Shares</b>	<b>Mem Res</b>	<b>Mem Limit</b>	<b>Mem Shares</b>	<b>Mem Pin</b>	<b>Mem 1G Page</b>	<b>Disk Shares</b>	<b>Datastore</b>	<b>Port Group</b>	<b>vHW Version</b>	<b>Tools Version</b>
DS35WebC0	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile0	VM Network	17	12325
DS35WebC1	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile1	VM Network	17	12325
DS35WebC2	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile2	VM Network	17	12325
DS35WebC3	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile3	VM Network	17	12325
DS35WebC4	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile4	VM Network	17	12325
DS35WebC5	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	tile5	VM Network	17	12325
<b>VM</b>	<b>vCPUs</b>	<b>Cores Per Socket</b>	<b>Memory (MB)</b>	<b>Sync Time</b>	<b>Logging</b>	<b>CD/DVD</b>	<b>CPU Res</b>	<b>CPU Limit</b>	<b>CPU Shares</b>	<b>Mem Res</b>	<b>Mem Limit</b>	<b>Mem Shares</b>	<b>Mem Pin</b>	<b>Mem 1G Page</b>	<b>Disk Shares</b>	<b>Datastore</b>	<b>Port Group</b>	<b>vHW Version</b>	<b>Tools Version</b>
NoSQLBenchA0	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	nosql0	VM Network	17	12325
NoSQLBenchA1	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	nosql1	VM Network	17	12325
NoSQLBenchA2	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	nosql2	VM Network	17	12325
NoSQLBenchA3	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	nosql3	VM Network	17	12325
NoSQLBenchA4	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	nosql4	VM Network	17	12325
NoSQLBenchA5	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	nosql5	VM Network	17	12325
<b>VM</b>	<b>vCPUs</b>	<b>Cores Per Socket</b>	<b>Memory (MB)</b>	<b>Sync Time</b>	<b>Logging</b>	<b>CD/DVD</b>	<b>CPU Res</b>	<b>CPU Limit</b>	<b>CPU Shares</b>	<b>Mem Res</b>	<b>Mem Limit</b>	<b>Mem Shares</b>	<b>Mem Pin</b>	<b>Mem 1G Page</b>	<b>Disk Shares</b>	<b>Datastore</b>	<b>Port Group</b>	<b>vHW Version</b>	<b>Tools Version</b>
NoSQLBenchB0	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	nosql0	VM	17	12325



Standby3	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	tile3	VM Network	17	12325
Standby4	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	tile4	VM Network	17	12325
Standby5	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	tile5	VM Network	17	12325
<b>VM</b>	<b>vCPUs</b>	<b>Cores Per Socket</b>	<b>Memory (MB)</b>	<b>Sync Time</b>	<b>Logging</b>	<b>CD/DVD</b>	<b>CPU Res</b>	<b>CPU Limit</b>	<b>CPU Shares</b>	<b>Mem Res</b>	<b>Mem Limit</b>	<b>Mem Shares</b>	<b>Mem Pin</b>	<b>Mem 1G Page</b>	<b>Disk Shares</b>	<b>Datastore</b>	<b>Port Group</b>	<b>vHW Version</b>	<b>Tools Version</b>
VMmark-4.0.2-209	4	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	deploy_source	VM Network	17	12325

## Client Host Virtual Machines

VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
Client0	64	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	client1-datastore1	VM Network	17	12325
Client1	64	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	client2-datastore1	VM Network	17	12325
Client2	64	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	client1-datastore1	VM Network	17	12325
Client3	64	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	client2-datastore1	VM Network	17	12325
Client4	64	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	client1-datastore1	VM Network	17	12325
Client5	64	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	client2-datastore1	VM Network	17	12325
PrimeClient	4	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	client2-datastore2	VM Network, VM Network	17	12325
VCSA8U3	8	1	30720	FALSE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	client2-datastore2	VM Network	10	12389

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