

VMmark [®] 4.1.0 Disclosure											
Server Vendor & Model: Dell PowerEdge R770 Storage Vendor & Model: Dell PowerMax 8000 Hypervisor: VMware ESX 9.1.0.0200, Build 25557999 Server Management Software: VMware vCenter 9.1.0.0200, Build 25573614						VMmark 4.1.0 Score = 3.72 @ 4.6 Tiles					
Number of Hosts: 2			Uniform Hosts: yes				Total sockets/cores/threads in test: 4/344/688				
Tested By: Dell Technologies			Test Date: 08-31-2026				SUT Availability Date: 07-13-2026				
Performance Section Performance		Configuration Section Configuration			Notes Section Notes for Workload			Virtual Machines Section Virtual Machines			

Performance

TILE_0_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	
p0	14124.85	9255.44	2640.38	2031.70	1428.55	50713.47	50722.99	50724.62	60.84	1.00	
p1	14148.09	9226.25	2631.88	2014.38	1503.58	49197.77	49199.58	49200.33	59.43	1.00	
p2	14094.76	9232.54	2604.62	2016.20	1436.97	47845.81	47847.41	47848.01	58.59	1.00	
TILE_0_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0	1.01	1.01	0.91	0.94	0.93	0.90	0.90	0.90	0.84	1.00	0.93
p1	1.01	1.00	0.91	0.94	0.98	0.87	0.87	0.87	0.83	1.00	0.92
p2	1.01	1.00	0.90	0.94	0.94	0.85	0.85	0.85	0.81	1.00	0.90
TILE_0_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC			
p0	0.61 0.07	0.56 0.00	589.85	546.61	623.56	0.69	0.69	0.69			
p1	0.62 0.09	0.55 0.00	597.05	561.54	606.83	0.74	0.74	0.73			
p2	0.77 0.07	0.61 0.00	615.87	556.34	615.80	0.75	0.75	0.75			
TILE_1_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	
p0	14151.45	9251.49	2739.65	2074.12	1476.42	47137.36	47138.60	47141.95	47.40	1.00	
p1	14091.49	9245.07	2671.68	1956.80	1458.20	46117.21	46117.63	46119.26	45.97	1.00	
p2	14088.33	9233.24	2629.57	2092.18	1515.70	45086.81	45087.04	45088.18	45.12	1.00	
TILE_1_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0	1.01	1.01	0.94	0.96	0.96	0.83	0.83	0.83	0.66	1.00	0.89
p1	1.01	1.00	0.92	0.91	0.95	0.82	0.82	0.82	0.64	1.00	0.87
p2	1.01	1.00	0.91	0.97	0.99	0.80	0.80	0.80	0.63	1.00	0.87
TILE_1_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC			
p0	0.64 0.06	0.61 0.01	522.84	570.60	656.25	0.73	0.73	0.73			
p1	0.69 0.07	0.62 0.00	565.97	554.96	584.36	0.76	0.76	0.76			
p2	0.75 0.17	0.66 0.00	596.33	555.23	597.19	0.79	0.79	0.79			
TILE_2_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	
p0	14163.22	9251.18	2798.85	2134.03	1667.35	59773.93	59771.26	59761.79	47.33	1.00	
p1	14139.11	9245.35	2875.15	1895.17	1492.40	57621.82	57620.42	57615.65	46.01	1.00	

p2	14125.67	9236.47	2743.18	1944.40	1702.88	55880.71	55879.94	55876.52	45.22	1.00				
TILE_2_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean			
p0	1.01	1.01	0.97	0.99	1.09	1.06	1.06	1.06	0.66	1.00	0.98			
p1	1.01	1.00	0.99	0.88	0.98	1.02	1.02	1.02	0.64	1.00	0.94			
p2	1.01	1.00	0.95	0.90	1.11	0.99	0.99	0.99	0.63	1.00	0.94			
TILE_2_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC						
p0	0.37 0.01	0.44 0.00	478.57	512.30	499.15	0.59	0.59	0.59						
p1	0.42 0.02	0.46 0.00	433.68	611.17	459.31	0.63	0.63	0.63						
p2	0.51 0.04	0.49 0.00	516.89	684.62	458.98	0.64	0.64	0.64						
TILE_3_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby				
p0	14119.22	9233.72	2797.85	2009.45	1581.17	45847.46	45846.71	45846.13	46.36	1.00				
p1	14112.91	9230.89	2729.45	1986.67	1496.97	44897.81	44897.13	44897.57	45.27	1.00				
p2	14094.12	9222.17	2812.55	1970.83	1484.00	43731.22	43730.79	43731.09	44.63	1.00				
TILE_3_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean			
p0	1.01	1.00	0.96	0.93	1.03	0.81	0.81	0.81	0.64	1.00	0.88			
p1	1.01	1.00	0.94	0.92	0.98	0.79	0.79	0.79	0.63	1.00	0.87			
p2	1.01	1.00	0.97	0.92	0.97	0.77	0.77	0.77	0.62	1.00	0.86			
TILE_3_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC						
p0	0.61 0.05	0.58 0.01	481.08	557.74	513.63	0.75	0.75	0.75						
p1	0.63 0.04	0.60 0.01	533.27	587.59	532.02	0.80	0.80	0.80						
p2	0.67 0.05	0.63 0.01	472.02	598.04	548.36	0.82	0.82	0.82						
TILE_4_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby				
p0	N/A	N/A	2762.75	2060.05	1532.50	60157.73	60160.13	60161.45	71.98	N/A				
p1	N/A	N/A	2733.68	2029.67	1604.45	57316.06	57318.53	57318.59	71.88	N/A				
p2	N/A	N/A	2736.35	2129.62	1518.55	54766.37	54766.99	54767.51	71.80	N/A				
TILE_4_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean			
p0	N/A	N/A	0.95	0.96	1.00	1.06	1.06	1.06	1.00	N/A	0.79			
p1	N/A	N/A	0.94	0.94	1.05	1.01	1.01	1.01	1.00	N/A	0.77			
p2	N/A	N/A	0.94	0.99	0.99	0.97	0.97	0.97	1.00	N/A	0.76			
TILE_4_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC						
p0	N/A	N/A	508.63	524.49	494.20	0.59	0.58	0.59						
p1	N/A	N/A	524.72	545.40	489.47	0.66	0.66	0.66						
p2	N/A	N/A	528.21	463.28	507.64	0.68	0.67	0.67						
p0_score:	4.46													
p1_score:	4.37													
p2_score:	4.33													
Infrastructure_Operations_Scores:					vMotion		SVMotion		XVMotion		Deploy			
Completed_Ops_PerHour					29.50		15.00		15.00		16.50			
Avg_Seconds_To_Complete					1.03		19.00		16.00		179.88			
Failures					0.00		0.00		0.00		0.00			

Ratio	1.00	1.15	1.15	1.14
Number_Of_Threads	1	1	1	1
Summary		Run_Is_Compliant		Median_Phase(p1)
Unreviewed_VMmark4_Applications_Score		4.37		
Unreviewed_VMmark4_Infrastructure_Score		1.11		
Unreviewed_VMmark4_Score		3.72 @ 4.6 Tiles		

Configuration

Virtualization Software																																																																	
Hypervisor Vendor, Product, Version, and Build / Availability Date (MM-DD-YYYY)	VMware ESX 9.1.0.0200, Build 25557999 / 07-13-2026																																																																
Server Management Software Vendor, Product, Version, and Build / Availability Date (MM-DD-YYYY)	VMware vCenter 9.1.0.0200, Build 25573614 / 07-13-2026																																																																
Supplemental Software	None																																																																
Servers																																																																	
Number of Servers in System Under Test (all subsequent fields in this section are per Server)	2																																																																
Server Manufacturer and Model	Dell PowerEdge R770																																																																
Processor Vendor and Model	Intel Xeon 6787P																																																																
Processor Speed (GHz) / Turbo Boost Speed (GHz)	2.0 GHz / 3.8 GHz																																																																
Total Sockets/Total Cores/Total Threads	2 Sockets / 172 Cores / 344 Threads																																																																
NUMA Nodes	4																																																																
BIOS Version	1.8.5																																																																
Memory Size (in GB, Number of DIMMs)	Physical Memory (BIOS): 1024 GB Physical Memory (ESX): 1024 GB Number of DIMMs: 16																																																																
Memory Type and Speed	<table><tr><th>Location</th><th>Size</th><th>Speed</th><th>Max Speed</th><th>Rank</th><th>Type</th><th>Detail</th></tr><tr><td>A1</td><td>64 GB</td><td>6400 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td>A2</td><td>64 GB</td><td>6400 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td>A3</td><td>64 GB</td><td>6400 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td>A4</td><td>64 GB</td><td>6400 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td>A5</td><td>64 GB</td><td>6400 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td>A6</td><td>64 GB</td><td>6400 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td>A7</td><td>64 GB</td><td>6400 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr></table>							Location	Size	Speed	Max Speed	Rank	Type	Detail	A1	64 GB	6400 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered	A2	64 GB	6400 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered	A3	64 GB	6400 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered	A4	64 GB	6400 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered	A5	64 GB	6400 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered	A6	64 GB	6400 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered	A7	64 GB	6400 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered		
	Location	Size	Speed	Max Speed	Rank	Type	Detail																																																										
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	A8	64 GB	6400 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	B1	64 GB	6400 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	B2	64 GB	6400 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	B3	64 GB	6400 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	B4	64 GB	6400 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	B5	64 GB	6400 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	B6	64 GB	6400 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	B7	64 GB	6400 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	B8	64 GB	6400 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	4						
Virtual Host Bus Adapter Vendors and Models	HBA	Model			Speed	Driver	Firmware
	vmhba1	Emulex LPe38102-D 2-Port 64Gb Fibre Channel Adapter			64 Gbps	lpfc	14.4.730.11
	vmhba2	Emulex LPe38102-D 2-Port 64Gb Fibre Channel Adapter			64 Gbps	lpfc	14.4.730.11
	vmhba64	Emulex LPe38102-D 2-Port 64Gb Fibre Channel Adapter			64 Gbps	lpfc	14.4.730.11
	vmhba65	Emulex LPe38102-D 2-Port 64Gb Fibre Channel Adapter			64 Gbps	lpfc	14.4.730.11
Power Supply Quantity, Name/Part Number, Wattage, Firmware, and Type (Voltage, AC/DC)	2,Dell-J0KHHA01,3200W,AE46,208V,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)	04-27-2026						
Hardware Availability Date (MM-DD-YYYY)	03-26-2026						
Software Availability Date (MM-DD-YYYY)	07-13-2026						
Network							
Number of Virtual Network Controllers	2						
Virtual Network Controllers, Speeds, MTUs, Firmware, Drivers, Vendors, and Models	Device	Speed	Duplex	MTU	Firmware	Driver	Description
	vmnic0	100 Gbps	Full	9000	233.0.196.0 /pkg 233.1.181.0	bnxtnet	Broadcom BCM57608 2x100G PCIe Ethernet NIC
	vmnic1	100 Gbps	Full	9000	233.0.196.0 /pkg 233.1.181.0	bnxtnet	Broadcom BCM57608 2x100G PCIe Ethernet NIC
Number of Virtual Switches	2						
Virtual Switches, Ports, Port Groups, MTUs, and Uplinks	Switch	Ports	Configured Ports	MTU	Uplinks		

	<table><tr><td>vSwitch0</td><td>9216</td><td>128</td><td>9000</td><td>vmnic0</td></tr><tr><td>vSwitch1</td><td>9216</td><td>128</td><td>9000</td><td>vmnic1</td></tr></table>					vSwitch0	9216	128	9000	vmnic0	vSwitch1	9216	128	9000	vmnic1																																																																																									
	vSwitch0	9216	128	9000	vmnic0																																																																																																			
	vSwitch1	9216	128	9000	vmnic1																																																																																																			
VMkernel Network Adapters, Port Groups, MTUs, TCP/IP Stacks, and Services	<table><tr><td>Device</td><td>Port Group/DVPort</td><td>MTU</td><td>TCP/IP Stack</td><td>Services</td></tr><tr><td>vmk0</td><td>Management Network</td><td>9000</td><td>Default</td><td>Management</td></tr><tr><td>vmk1</td><td>vMotion</td><td>9000</td><td>Default</td><td>vMotion</td></tr></table>					Device	Port Group/DVPort	MTU	TCP/IP Stack	Services	vmk0	Management Network	9000	Default	Management	vmk1	vMotion	9000	Default	vMotion																																																																																				
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Physical Switch Vendors, Models, and Speeds	Dell Z9264F-ON, 100GbE																																																																																																							
Primary Storage																																																																																																								
Storage Category	FC SAN																																																																																																							
Datastores	<table><tr><td>Datastores</td><td>Type</td><td>Size</td><td colspan="2">Storage Device</td></tr><tr><td>Deploy</td><td>VMFS-6</td><td>2.2 TB</td><td colspan="2">EMC Fibre Channel Disk</td></tr><tr><td>OSDATA-6a62292e-cbb98981-31d5-5c6f69f5b5f0</td><td>VMFSOS</td><td>128.6 GB</td><td colspan="2">Local NVMe Disk</td></tr><tr><td>Tile0</td><td>VMFS-6</td><td>22.0 TB</td><td colspan="2">EMC Fibre Channel Disk</td></tr><tr><td>Tile1</td><td>VMFS-6</td><td>3.3 TB</td><td colspan="2">EMC Fibre Channel Disk</td></tr><tr><td>Tile2</td><td>VMFS-6</td><td>3.3 TB</td><td colspan="2">EMC Fibre Channel Disk</td></tr><tr><td>Tile3</td><td>VMFS-6</td><td>3.3 TB</td><td colspan="2">EMC Fibre Channel Disk</td></tr><tr><td>Tile4</td><td>VMFS-6</td><td>4.4 TB</td><td colspan="2">EMC Fibre Channel Disk</td></tr><tr><td>datastore1 (2)</td><td>VMFS-6</td><td>3.1 TB</td><td colspan="2">Local NVMe Disk</td></tr><tr><td>esxtop</td><td>VMFS-6</td><td>5.5 TB</td><td colspan="2">EMC Fibre Channel Disk</td></tr><tr><td>svMotion</td><td>VMFS-6</td><td>2.2 TB</td><td colspan="2">EMC Fibre Channel Disk</td></tr><tr><td>xvMotion</td><td>VMFS-6</td><td>2.2 TB</td><td colspan="2">EMC Fibre Channel Disk</td></tr></table>					Datastores	Type	Size	Storage Device		Deploy	VMFS-6	2.2 TB	EMC Fibre Channel Disk		OSDATA-6a62292e-cbb98981-31d5-5c6f69f5b5f0	VMFSOS	128.6 GB	Local NVMe Disk		Tile0	VMFS-6	22.0 TB	EMC Fibre Channel Disk		Tile1	VMFS-6	3.3 TB	EMC Fibre Channel Disk		Tile2	VMFS-6	3.3 TB	EMC Fibre Channel Disk		Tile3	VMFS-6	3.3 TB	EMC Fibre Channel Disk		Tile4	VMFS-6	4.4 TB	EMC Fibre Channel Disk		datastore1 (2)	VMFS-6	3.1 TB	Local NVMe Disk		esxtop	VMFS-6	5.5 TB	EMC Fibre Channel Disk		svMotion	VMFS-6	2.2 TB	EMC Fibre Channel Disk		xvMotion	VMFS-6	2.2 TB	EMC Fibre Channel Disk																																								
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xvMotion	VMFS-6	2.2 TB	EMC Fibre Channel Disk																																																																																																					
Number of Storage Devices	12																																																																																																							
Storage Device Names, Sizes, Types, Vendors, Models, and Revisions	<table><tr><td>Storage Device</td><td>Size</td><td>Type</td><td>Vendor</td><td>Model</td><td>Revision</td><td>Path Selection Policy</td><td>Path Selection Policy Config</td><td># Working Paths</td></tr><tr><td>EMC Fibre Channel Disk</td><td>2.2 TB</td><td>Direct-Access</td><td>EMC</td><td>SYMMETRIX</td><td>5977</td><td>VMW_PSP_RR</td><td>policy=iops,iops=1,bytes=10485760,useANO=0</td><td>16</td></tr><tr><td>EMC Fibre Channel Disk</td><td>2.2 TB</td><td>Direct-Access</td><td>EMC</td><td>SYMMETRIX</td><td>5977</td><td>VMW_PSP_RR</td><td>policy=iops,iops=1,bytes=10485760,useANO=0</td><td>16</td></tr><tr><td>EMC Fibre Channel Disk</td><td>2.2 TB</td><td>Direct-Access</td><td>EMC</td><td>SYMMETRIX</td><td>5977</td><td>VMW_PSP_RR</td><td>policy=iops,iops=1,bytes=10485760,useANO=0</td><td>16</td></tr><tr><td>Local NVMe Disk (Boot Device)</td><td>3.2 TB</td><td>Direct-Access</td><td>NVMe</td><td>Dell NVMe PM1745 MU E3.S 3.2TB</td><td>1.3.0</td><td>FIXED</td><td>preferred=none</td><td>1</td></tr><tr><td>EMC Fibre Channel Disk</td><td>3.3 TB</td><td>Direct-Access</td><td>EMC</td><td>SYMMETRIX</td><td>5977</td><td>VMW_PSP_RR</td><td>policy=iops,iops=1,bytes=10485760,useANO=0</td><td>16</td></tr><tr><td>EMC Fibre Channel Disk</td><td>3.3 TB</td><td>Direct-Access</td><td>EMC</td><td>SYMMETRIX</td><td>5977</td><td>VMW_PSP_RR</td><td>policy=iops,iops=1,bytes=10485760,useANO=0</td><td>16</td></tr><tr><td>EMC Fibre Channel Disk</td><td>3.3 TB</td><td>Direct-Access</td><td>EMC</td><td>SYMMETRIX</td><td>5977</td><td>VMW_PSP_RR</td><td>policy=iops,iops=1,bytes=10485760,useANO=0</td><td>16</td></tr><tr><td>EMC Fibre Channel Disk</td><td>3.3 TB</td><td>Direct-Access</td><td>EMC</td><td>SYMMETRIX</td><td>5977</td><td>VMW_PSP_RR</td><td>policy=iops,iops=1,bytes=10485760,useANO=0</td><td>16</td></tr><tr><td>EMC Fibre Channel Disk</td><td>3.3 TB</td><td>Direct-Access</td><td>EMC</td><td>SYMMETRIX</td><td>5977</td><td>VMW_PSP_RR</td><td>policy=iops,iops=1,bytes=10485760,useANO=0</td><td>16</td></tr><tr><td>EMC Fibre Channel Disk</td><td>4.4 TB</td><td>Direct-Access</td><td>EMC</td><td>SYMMETRIX</td><td>5977</td><td>VMW_PSP_RR</td><td>policy=iops,iops=1,bytes=10485760,useANO=0</td><td>16</td></tr></table>					Storage Device	Size	Type	Vendor	Model	Revision	Path Selection Policy	Path Selection Policy Config	# Working Paths	EMC Fibre Channel Disk	2.2 TB	Direct-Access	EMC	SYMMETRIX	5977	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	16	EMC Fibre Channel Disk	2.2 TB	Direct-Access	EMC	SYMMETRIX	5977	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	16	EMC Fibre Channel Disk	2.2 TB	Direct-Access	EMC	SYMMETRIX	5977	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	16	Local NVMe Disk (Boot Device)	3.2 TB	Direct-Access	NVMe	Dell NVMe PM1745 MU E3.S 3.2TB	1.3.0	FIXED	preferred=none	1	EMC Fibre Channel Disk	3.3 TB	Direct-Access	EMC	SYMMETRIX	5977	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	16	EMC Fibre Channel Disk	3.3 TB	Direct-Access	EMC	SYMMETRIX	5977	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	16	EMC Fibre Channel Disk	3.3 TB	Direct-Access	EMC	SYMMETRIX	5977	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	16	EMC Fibre Channel Disk	3.3 TB	Direct-Access	EMC	SYMMETRIX	5977	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	16	EMC Fibre Channel Disk	3.3 TB	Direct-Access	EMC	SYMMETRIX	5977	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	16	EMC Fibre Channel Disk	4.4 TB	Direct-Access	EMC	SYMMETRIX	5977	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	16
Storage Device	Size	Type	Vendor	Model	Revision	Path Selection Policy	Path Selection Policy Config	# Working Paths																																																																																																
EMC Fibre Channel Disk	2.2 TB	Direct-Access	EMC	SYMMETRIX	5977	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	16																																																																																																
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EMC Fibre Channel Disk	3.3 TB	Direct-Access	EMC	SYMMETRIX	5977	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	16																																																																																																
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EMC Fibre Channel Disk	3.3 TB	Direct-Access	EMC	SYMMETRIX	5977	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	16																																																																																																
EMC Fibre Channel Disk	3.3 TB	Direct-Access	EMC	SYMMETRIX	5977	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	16																																																																																																
EMC Fibre Channel Disk	3.3 TB	Direct-Access	EMC	SYMMETRIX	5977	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	16																																																																																																
EMC Fibre Channel Disk	4.4 TB	Direct-Access	EMC	SYMMETRIX	5977	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	16																																																																																																

	<table><tr><td>EMC Fibre Channel Disk</td><td>5.5 TB</td><td>Direct-Access</td><td>EMC</td><td>SYMMETRIX</td><td>5977</td><td>VMW_PSP_RR</td><td>policy=iops,iops=1,bytes=10485760,useANO=0</td><td>16</td></tr><tr><td>EMC Fibre Channel Disk</td><td>22.0 TB</td><td>Direct-Access</td><td>EMC</td><td>SYMMETRIX</td><td>5977</td><td>VMW_PSP_RR</td><td>policy=iops,iops=1,bytes=10485760,useANO=0</td><td>16</td></tr></table>	EMC Fibre Channel Disk	5.5 TB	Direct-Access	EMC	SYMMETRIX	5977	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	16	EMC Fibre Channel Disk	22.0 TB	Direct-Access	EMC	SYMMETRIX	5977	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	16									
EMC Fibre Channel Disk	5.5 TB	Direct-Access	EMC	SYMMETRIX	5977	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	16																				
EMC Fibre Channel Disk	22.0 TB	Direct-Access	EMC	SYMMETRIX	5977	VMW_PSP_RR	policy=iops,iops=1,bytes=10485760,useANO=0	16																				
How Datastores Map to Storage Devices	See Storage Notes Section																											
VMware vSAN Configuration (if used)	None																											
RAID Configuration (if used)	None																											
Server Management																												
VMware vCenter Server Number of vCPUs	4																											
VMware vCenter Server Virtual Memory (in GB)	21																											
Clients																												
Total Client VMs (including Prime Client)	6																											
Number of Client Hosts (all subsequent fields in this section are per Client Host)	3																											
System Model(s)	- Client Host 1: Dell PowerEdge R7625 - Client Host 2: Dell PowerEdge R7625 - Client Host 3: Dell PowerEdge R670																											
Processor Vendor(s) and Model(s)	- Client Host 1: AMD EPYC 9754 - Client Host 2: AMD EPYC 9754 - Client Host 3: Intel Xeon 6787P																											
Processor Speed(s) (GHz)	- Client Host 1: 2.25 GHz - Client Host 2: 2.25 GHz - Client Host 3: 2.0 GHz																											
Total Sockets/Total Cores/Total Threads	<table><tr><th>Client Host</th><th>Sockets</th><th>Cores</th><th>Threads</th></tr><tr><td>Client Host 1</td><td>2</td><td>256</td><td>512</td></tr><tr><td>Client Host 2</td><td>2</td><td>256</td><td>512</td></tr><tr><td>Client Host 3</td><td>2</td><td>172</td><td>344</td></tr><tr><td>Total</td><td>6</td><td>684</td><td>1368</td></tr></table>								Client Host	Sockets	Cores	Threads	Client Host 1	2	256	512	Client Host 2	2	256	512	Client Host 3	2	172	344	Total	6	684	1368
Client Host	Sockets	Cores	Threads																									
Client Host 1	2	256	512																									
Client Host 2	2	256	512																									
Client Host 3	2	172	344																									
Total	6	684	1368																									
NUMA Nodes	- Client Host 1: 2 - Client Host 2: 2 - Client Host 3: 4																											
Memory Size (in GB) per Client Host	<table><tr><th>Client Host</th><th>BIOS</th><th>ESX</th></tr><tr><td>Client Host 1</td><td>2304 GB</td><td>2304 GB</td></tr><tr><td>Client Host 2</td><td>2304 GB</td><td>2304 GB</td></tr><tr><td>Client Host 3</td><td>1024 GB</td><td>1024 GB</td></tr></table>								Client Host	BIOS	ESX	Client Host 1	2304 GB	2304 GB	Client Host 2	2304 GB	2304 GB	Client Host 3	1024 GB	1024 GB								
Client Host	BIOS	ESX																										
Client Host 1	2304 GB	2304 GB																										
Client Host 2	2304 GB	2304 GB																										
Client Host 3	1024 GB	1024 GB																										

Virtual Network Controllers, Speeds, MTUs, Firmware, Drivers, Vendors, and Models	Client Host	Device	Speed	Duplex	MTU	Firmware	Driver	Description
	Client Host 1	vmnic0	1 Gbps	Full	1500	bc 1.39 ncsi 1.5.53.0	ntg3	Broadcom Corporation NetXtreme BCM5720 Gigabit Ethernet
		vmnic1	1 Gbps	Full	1500	bc 1.39 ncsi 1.5.53.0	ntg3	Broadcom Corporation NetXtreme BCM5720 Gigabit Ethernet
		vmnic4	100 Gbps	Full	9000	4.40 0x8001ba23 22.5.7	icen	Intel(R) Ethernet Controller E810-C for QSFP
		vmnic5	100 Gbps	Full	9000	4.40 0x8001ba23 22.5.7	icen	Intel(R) Ethernet Controller E810-C for QSFP
	Client Host 2	vmnic0	1 Gbps	Full	1500	bc 1.39 ncsi 1.5.67.0	ntg3	Broadcom Corporation NetXtreme BCM5720 Gigabit Ethernet
		vmnic1	1 Gbps	Full	1500	bc 1.39 ncsi 1.5.67.0	ntg3	Broadcom Corporation NetXtreme BCM5720 Gigabit Ethernet
		vmnic4	100 Gbps	Full	9000	4.20 0x8001784e 22.0.9	icen	Intel(R) Ethernet Controller E810-C for QSFP
		vmnic5	100 Gbps	Full	9000	4.20 0x8001784e 22.0.9	icen	Intel(R) Ethernet Controller E810-C for QSFP
	Client Host 3	vmnic0	100 Gbps	Full	9000	231.0.154.0 /pkg 23.11.16.22	bnxtnet	Broadcom NetXtreme-E P2100D BCM57508 2x100G QSFP PCIE Ethernet
		vmnic1	100 Gbps	Full	9000	231.0.154.0 /pkg 23.11.16.22	bnxtnet	Broadcom NetXtreme-E P2100D BCM57508 2x100G QSFP PCIE Ethernet

Virtual Switches, Ports, Port Groups, MTUs, and Uplinks	Client Host	Switch	Ports	Configured Ports	MTU	Uplinks
	Client Host 1	vSwitch0	9216	128	9000	vmnic4
		vSwitch1	9216	128	9000	vmnic5
		vSwitch2	9216	128	1500	vmnic0
	Client Host 2	vSwitch0	9216	128	9000	vmnic4
		vSwitch1	9216	128	9000	vmnic5
		vSwitch2	9216	128	1500	vmnic0
	Client Host 3	vSwitch0	9216	128	9000	vmnic0
		vSwitch1	9216	128	9000	vmnic1
	Client Host	Switch	Port Group		VLAN ID	Uplinks
	Client Host 1	vSwitch0	Management Network		0	vmnic4
		vSwitch0	VM Network 2		0	vmnic4
		vSwitch1	VM Network		0	vmnic5
		vSwitch1	vMotion		0	vmnic5
		vSwitch2	VM Network 3		0	vmnic0
	Client Host 2	vSwitch0	Management Network		0	vmnic4
		vSwitch0	VM Network 2		0	vmnic4
		vSwitch1	VM Network		0	vmnic5
		vSwitch1	vMotion		0	vmnic5
		vSwitch2	VM Network 3		0	vmnic0
	Client Host 3	vSwitch0	Management Network		0	vmnic0
		vSwitch0	VM Network 2		0	vmnic0
		vSwitch1	VM Network		0	vmnic1
		vSwitch1	vMotion		0	vmnic1

VMkernel Network Adapters, Port Groups, MTUs, TCP/IP Stacks, and Services	Client Host	Device	Port Group/DVPort	MTU	TCP/IP Stack	Services
	Client Host 1	vmk0	Management Network	9000	Default	Management
		vmk1	vMotion	9000	Default	vMotion

	Client Host 2	vmk0	Management Network	9000	Default	Management
		vmk1	vMotion	9000	Default	vMotion
	Client Host 3	vmk0	Management Network	9000	Default	Management
		vmk1	vMotion	9000	Default	vMotion
Client Storage Notes	See Client Notes Section					
Other Hardware	None					
Other Software	VMware ESX 9.1.0.0200, Build 25557999					

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 2

SUT Host ESX Advanced Settings:

Advanced Setting	Host 1	Host 2	Default
Cpu.CreditAgePeriod	1000	1000	3000
Cpu.HTWholeCoreThreshold	0	0	800
DataMover.HardwareAcceleratedInit	0	0	1
DataMover.HardwareAcceleratedMove	0	0	1
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 ESX Module Options:

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

Server Notes

Server BIOS Settings:

- Sub NUMA Cluster:Enabled(default Disabled)
- MADT Core Enumeration:Linear(default Round Robin)
- System Profile:Custom(default Perfromance per Watt(DAPC))
- CPU Power Management:Maximum Performance(Performance Optimized)(default:System DBPM(DAPC))
- Latency Optimized Mode:Enabled(default Disabled)
- Thermal Profile:Max Performance(default Default Thermal Profile Settings)
- Fan Speed Offset:Low(default Off)

Networking Notes

SUT Hosts:

- vSwitch0: Management Network (vmk0), VM Network and VM Network 2 using vmnic0
- vSwitch1: vMotion using vmnic1

All vSwitches, vmk0, vmk1, vmnic0, and vmnic1 set to MTU 9000

Client Hosts:

- vSwitch0: Management Network (vmk0) and VM Network 2 using vmnic4
- vSwitch1: VM Network and vMotion using vmnic5
- vSwitch2: VM Network 3 using vmnic0 (1 Gbps)

vSwitch0, vSwitch1, vmk0, vmk1, vmnic4, and vmnic5 set to MTU 9000

Storage Notes

Primary Storage : Dell PowerMax 8000, Dell PowerMax OS 5978.479.479
Single default Storage Resource Pool (SRP) with 2xDisk Groups (factory pre-configured)
Disk Group 1 : 9x750 GB Intel SSDs configured in RAID 5 (7+1) with one spare drive(Usable capacity 4880.9 GiB)
Disk Group 2 : 25x7.68 TB Samsung NVMe drives configured in RAID 5 (7+1) with one spare drive (Usable capacity 150217.6 GiB)
FC Switch : Brocade G720, 64 Gbps (32 Gbps operational)

Server Management Notes

VMware vCenter 9.1.0.0200, Build 25573614 was hosted as a VM on ClientHost3

Operating System Notes

SUT Host ESX Image Profile: DEL-ESXi_9100.25557999-A03

Software Notes

None

Client Notes

- vSphere DRS: **Disabled**

ClientHost1 and ClientHost2 BIOS Settings:

- L2 Prefetcher: Disabled (Default: Enabled)

- L2 Up/Down Prefetcher: Disabled (Default: Enabled)
- System Profile: Performance (Default: Performance per Watt)
- Thermal Profile: Max Performance (Default: Default Thermal Profile Settings)

ClientHost3 BIOS Settings:

- Sub NUMA Cluster: Enabled (Default: Disabled)
- System Profile: Performance (Default: Performance per Watt (DAPC))
- Thermal Profile: Max Performance (Default: Default Thermal Profile Settings)
- Fan Speed Offset: Max (Default: Off)

Client Host ESX Advanced Settings:

Advanced Setting	Host 1	Host 2	Host 3	Default
Cpu.HTWholeCoreThreshold	0	0	0	800
DataMover.HardwareAcceleratedInit	0	0	0	1
DataMover.HardwareAcceleratedMove	0	0	0	1
Disk.IdleCredit	64	64	64	32
Disk.ReqCallThreshold	1	1	1	8
Mem.CtlMaxPercent	0	0	0	65
Mem.ShareScanGHz	0	0	0	4
Numa.LTermFairnessInterval	0	0	0	5
Numa.LocalityWeightActionAffinity	0	0	0	130
Numa.MigImbalanceThreshold	57	57	57	10
Numa.PageMigEnable	0	0	0	1
Numa.RebalancePeriod	60000	60000	60000	2000
Numa.SwapLoadEnable	0	0	0	1
Numa.SwapLocalityEnable	0	0	0	1
Power.CpuPolicy	Performance	Performance	Performance	Balanced
UserVars.HostClientCEIPOptIn	2	2	2	0
UserVars.SuppressShellWarning	1	1	1	0

Client Host ESX Module Options:

Module	Host 1	Host 2	Host 3	Default
tcpip4	ipv6=1	ipv6=1	ipv6=1	ipv6=1

Client Host ESX Image Profile: DEL-ESXi_9100.25557999-A03

Client Host VMs:

- Client Host 1: Client0, Client1
- Client Host 2: Client3, Client4, PrimeClient
- Client Host 3: Client2, VMware vCenter1

Other Notes

None

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	VMTools	Scoreboard
AuctionKD0	8	8	32768	TRUE	TRUE	Present	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VM Network 2	17	12325	TRUE
AuctionKD1	8	8	32768	TRUE	TRUE	Present	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VM Network 2	17	12325	TRUE
AuctionKD2	8	8	32768	TRUE	TRUE	Present	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VM Network 2	17	12325	TRUE
AuctionKD3	8	8	32768	TRUE	TRUE	Present	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VM Network 2	17	12325	TRUE
AuctionKD4	8	8	32768	TRUE	TRUE	Present	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VM Network 2	17	12325	TRUE
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	VMTools	Scoreboard
AuctionWebA0	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VM Network 2	17	12325	TRUE
AuctionWebA1	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VM Network 2	17	12325	TRUE
AuctionWebA2	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VM Network 2	17	12325	TRUE
AuctionWebA3	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VM Network 2	17	12325	TRUE
AuctionWebA4	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VM Network 2	17	12325	TRUE
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	VMTools	Scoreboard
AuctionWebB0	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VM Network 2	17	12325	TRUE
AuctionWebB1	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VM Network 2	17	12325	TRUE
AuctionWebB2	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VM Network 2	17	12325	TRUE
AuctionWebB3	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VM Network 2	17	12325	TRUE
AuctionWebB4	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VM Network 2	17	12325	TRUE
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	VMTools	Scoreboard
AuctionWebC0	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VM Network 2	17	12325	TRUE
AuctionWebC1	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VM Network 2	17	12325	TRUE
AuctionWebC2	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VM Network 2	17	12325	TRUE
AuctionWebC3	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VM Network 2	17	12325	TRUE
AuctionWebC4	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VM Network 2	17	12325	TRUE
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	VMTools	Scoreboard
AuctionWebDNosql0	4	4	20480	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VM Network 2	17	12325	TRUE
AuctionWebDNosql1	4	4	20480	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VM Network 2	17	12325	TRUE
AuctionWebDNosql2	4	4	20480	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VM Network 2	17	12325	TRUE
AuctionWebDNosql3	4	4	20480	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VM Network 2	17	12325	TRUE
AuctionWebDNosql4	4	4	20480	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VM Network 2	17	12325	TRUE
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	VMTools	Scoreboard
AuctionWebEDB0	4	4	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VM Network 2	17	12325	TRUE
AuctionWebEDB1	4	4	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VM Network 2	17	12325	TRUE
AuctionWebEDB2	4	4	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VM Network 2	17	12325	TRUE
AuctionWebEDB3	4	4	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VM Network 2	17	12325	TRUE
AuctionWebEDB4	4	4	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VM Network 2	17	12325	TRUE
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	VMTools	Scoreboard
AuctionWebF0	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VM Network 2	17	12325	TRUE
AuctionWebF1	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VM Network 2	17	12325	TRUE
AuctionWebF2	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VM Network 2	17	12325	TRUE
AuctionWebF3	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VM Network 2	17	12325	TRUE
AuctionWebF4	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VM Network 2	17	12325	TRUE
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	VMTools	Scoreboard
DS35DB0	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	high	TRUE	TRUE	normal	Tile0	VM Network 2	17	12325	TRUE

DS35DB1	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	high	TRUE	TRUE	normal	Tile1	VM Network 2	17	12325	TRUE
DS35DB2	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	high	TRUE	TRUE	normal	Tile2	VM Network 2	17	12325	TRUE
DS35DB3	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	high	TRUE	TRUE	normal	Tile3	VM Network 2	17	12325	TRUE
DS35DB4	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	high	TRUE	TRUE	normal	Tile4	VM Network 2	17	12325	TRUE
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	VMTools	Scoreboard
DS35WebA0	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VM Network 2	17	12325	TRUE
DS35WebA1	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VM Network 2	17	12325	TRUE
DS35WebA2	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VM Network 2	17	12325	TRUE
DS35WebA3	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VM Network 2	17	12325	TRUE
DS35WebA4	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VM Network 2	17	12325	TRUE
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	VMTools	Scoreboard
DS35WebB0	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VM Network 2	17	12325	TRUE
DS35WebB1	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VM Network 2	17	12325	TRUE
DS35WebB2	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VM Network 2	17	12325	TRUE
DS35WebB3	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VM Network 2	17	12325	TRUE
DS35WebB4	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VM Network 2	17	12325	TRUE
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	VMTools	Scoreboard
DS35WebC0	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VM Network 2	17	12325	TRUE
DS35WebC1	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VM Network 2	17	12325	TRUE
DS35WebC2	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VM Network 2	17	12325	TRUE
DS35WebC3	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VM Network 2	17	12325	TRUE
DS35WebC4	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VM Network 2	17	12325	TRUE
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	VMTools	Scoreboard
NoSQLBenchA0	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VM Network 2	17	12325	TRUE
NoSQLBenchA1	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VM Network 2	17	12325	TRUE
NoSQLBenchA2	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VM Network 2	17	12325	TRUE
NoSQLBenchA3	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VM Network 2	17	12325	TRUE
NoSQLBenchA4	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VM Network 2	17	12325	TRUE
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	VMTools	Scoreboard
NoSQLBenchB0	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VM Network 2	17	12325	TRUE
NoSQLBenchB1	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VM Network 2	17	12325	TRUE
NoSQLBenchB2	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VM Network 2	17	12325	TRUE
NoSQLBenchB3	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VM Network 2	17	12325	TRUE
NoSQLBenchB4	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VM Network 2	17	12325	TRUE
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	VMTools	Scoreboard
NoSQLBenchC0	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VM Network 2	17	12325	TRUE
NoSQLBenchC1	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VM Network 2	17	12325	TRUE
NoSQLBenchC2	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VM Network 2	17	12325	TRUE
NoSQLBenchC3	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VM Network 2	17	12325	TRUE
NoSQLBenchC4	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VM Network 2	17	12325	TRUE
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	VMTools	Scoreboard
SocialNetwork0	36	36	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VM Network 2	17	12325	TRUE
SocialNetwork1	36	36	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VM Network 2	17	12325	TRUE
SocialNetwork2	36	36	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VM Network 2	17	12325	TRUE

SocialNetwork3	36	36	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VM Network 2	17	12325	TRUE
SocialNetwork4	36	36	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VM Network 2	17	12325	TRUE
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	VMTools	Scoreboard
Standby0	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VM Network 2	17	12325	TRUE
Standby1	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VM Network 2	17	12325	TRUE
Standby2	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VM Network 2	17	12325	TRUE
Standby3	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VM Network 2	17	12325	TRUE
Standby4	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VM Network 2	17	12325	TRUE
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	VMTools	Scoreboard
VMmark-4.1.0-224	4	1	32768	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VM Network	17	12325	TRUE

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	VMTools	Scoreboard
Client0	86	1	98304	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client	VM Network 2	17	12325	TRUE
Client1	86	1	98304	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client	VM Network 2	17	12325	TRUE
Client2	86	1	98304	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client	VM Network 2	17	12325	TRUE
Client3	86	1	98304	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client	VM Network 2	17	12325	TRUE
Client4	86	1	98304	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client	VM Network 2	17	12325	TRUE
PrimeClient	4	1	32768	FALSE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client	VM Network, VM Network 2, VM Network 3	17	12325	TRUE
VMware vCenter1	4	1	21504	FALSE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client	VM Network	17	13312	TRUE

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