

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 Server Power-Performance Score = 1.5255 PPKW @ 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			
PTD_Summary:							
Number_of_PTD_Daemons	2						
Number_of_PTD_Phases	3						
PTD_Phase_Timing	2400secs						
PTD_Timing:	ptd0	ptd1					
p0	-60	-60					
p1	-60	-60					
p2	-60	-60					
PTD_Results:							
p0	Target	Avg_Watts	Avg_Volts	Avg_Amps	Avg_PF	Samples	UnCert%
ptd0	SERVER	1259.66	204.21	6.21	0.99	2399.00	0.00
ptd1	SERVER	1166.00	204.57	5.75	0.99	2399.00	0.00
p1	Target	Avg_Watts	Avg_Volts	Avg_Amps	Avg_PF	Samples	UnCert%
ptd0	SERVER	1258.59	204.18	6.21	0.99	2400.00	0.00
ptd1	SERVER	1177.61	204.53	5.81	0.99	2400.00	0.00
p2	Target	Avg_Watts	Avg_Volts	Avg_Amps	Avg_PF	Samples	UnCert%
ptd0	SERVER	1263.14	204.18	6.23	0.99	2400.00	0.00
ptd1	SERVER	1188.97	204.49	5.86	0.99	2400.00	0.00
Summary				Run_Is_Compliant		Median_Phase(p1)	
Unreviewed_VMmark4_Avg_Watts				2436.19			
Unreviewed_VMmark4_Applications_Score				4.37			
Unreviewed_VMmark4_Infrastructure_Score				1.11			
Unreviewed_VMmark4_Score				3.72 @ 4.6 Tiles			
Unreviewed_VMmark4_Server_PPKW				1.5255 @ 4.6 Tiles			

Power Configuration

PTD Configuration	
Number of Power Meters	2
Power Meter Vendors and Models	Yokogawa WT310E
Power Meter PTD Target(s) (SERVER/EXT_STOR)	SERVER, SERVER
Power Meter Connection Type(s) (Eth/GPIB/Serial/USB)	USB
Power Meter Calibration Date(s) (MM-DD-YYYY)	05-20-2026
Power Meter Calibration Info (Calibrated By/Duration)	Yokogawa
Power Meter(s) Volt/Amp Range	220,220 / 10.0,10.0
Power Source Voltage/Frequency/Phase	208V/60Hz/1 Phase/3 wires
PTD Client Configuration	
Number of Power Meter Clients	2
System Model(s)	PrimeClient,Client0 details in client configuration section

	<table><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 colspan="2">Synchronous, Registered</td></tr><tr><td>A8</td><td>64 GB</td><td>6400 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td colspan="2">Synchronous, Registered</td></tr><tr><td>B1</td><td>64 GB</td><td>6400 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td colspan="2">Synchronous, Registered</td></tr><tr><td>B2</td><td>64 GB</td><td>6400 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td colspan="2">Synchronous, Registered</td></tr><tr><td>B3</td><td>64 GB</td><td>6400 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td colspan="2">Synchronous, Registered</td></tr><tr><td>B4</td><td>64 GB</td><td>6400 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td colspan="2">Synchronous, Registered</td></tr><tr><td>B5</td><td>64 GB</td><td>6400 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td colspan="2">Synchronous, Registered</td></tr><tr><td>B6</td><td>64 GB</td><td>6400 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td colspan="2">Synchronous, Registered</td></tr><tr><td>B7</td><td>64 GB</td><td>6400 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td colspan="2">Synchronous, Registered</td></tr><tr><td>B8</td><td>64 GB</td><td>6400 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td colspan="2">Synchronous, Registered</td></tr></table>								A7	64 GB	6400 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered		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	
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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	<table><tr><td>HBA</td><td>Model</td><td>Speed</td><td>Driver</td><td>Firmware</td></tr><tr><td>vmhba1</td><td>Emulex LPe38102-D 2-Port 64Gb Fibre Channel Adapter</td><td>64 Gbps</td><td>lpfc</td><td>14.4.730.11</td></tr><tr><td>vmhba2</td><td>Emulex LPe38102-D 2-Port 64Gb Fibre Channel Adapter</td><td>64 Gbps</td><td>lpfc</td><td>14.4.730.11</td></tr><tr><td>vmhba64</td><td>Emulex LPe38102-D 2-Port 64Gb Fibre Channel Adapter</td><td>64 Gbps</td><td>lpfc</td><td>14.4.730.11</td></tr><tr><td>vmhba65</td><td>Emulex LPe38102-D 2-Port 64Gb Fibre Channel Adapter</td><td>64 Gbps</td><td>lpfc</td><td>14.4.730.11</td></tr></table>								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																																																							
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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	<table><tr><td>Device</td><td>Speed</td><td>Duplex</td><td>MTU</td><td>Firmware</td><td>Driver</td><td>Description</td></tr><tr><td>vmnic0</td><td>100 Gbps</td><td>Full</td><td>9000</td><td>233.0.196.0 /pkg 233.1.181.0</td><td>bnxtnet</td><td>Broadcom BCM57608 2x100G PCIe Ethernet NIC</td></tr><tr><td>vmnic1</td><td>100 Gbps</td><td>Full</td><td>9000</td><td>233.0.196.0 /pkg 233.1.181.0</td><td>bnxtnet</td><td>Broadcom BCM57608 2x100G PCIe Ethernet NIC</td></tr></table>								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																																																											
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Number of Virtual Switches	2																																																																																							

Virtual Switches, Ports, Port Groups, MTUs, and Uplinks	<table><tr><th>Switch</th><th>Ports</th><th>Configured Ports</th><th>MTU</th><th>Uplinks</th></tr><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>					Switch	Ports	Configured Ports	MTU	Uplinks	vSwitch0	9216	128	9000	vmnic0	vSwitch1	9216	128	9000	vmnic1																																																																						
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	vSwitch1	9216	128	9000	vmnic1																																																																																					
	<table><tr><th>Switch</th><th>Port Group</th><th>VLAN ID</th><th>Uplinks</th></tr><tr><td>vSwitch0</td><td>Management Network</td><td>0</td><td>vmnic0</td></tr><tr><td>vSwitch0</td><td>VM Network</td><td>0</td><td>vmnic0</td></tr><tr><td>vSwitch0</td><td>VM Network 2</td><td>0</td><td>vmnic0</td></tr><tr><td>vSwitch1</td><td>vMotion</td><td>0</td><td>vmnic1</td></tr></table>					Switch	Port Group	VLAN ID	Uplinks	vSwitch0	Management Network	0	vmnic0	vSwitch0	VM Network	0	vmnic0	vSwitch0	VM Network 2	0	vmnic0	vSwitch1	vMotion	0	vmnic1																																																																	
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	vSwitch0	VM Network	0	vmnic0																																																																																						
	vSwitch0	VM Network 2	0	vmnic0																																																																																						
	vSwitch1	vMotion	0	vmnic1																																																																																						
VMkernel Network Adapters, Port Groups, MTUs, TCP/IP Stacks, and Services																																																																																										
<table><tr><th>Device</th><th>Port Group/DVPort</th><th>MTU</th><th>TCP/IP Stack</th><th>Services</th></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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FC SAN																																																																																										
Datastores	<table><tr><th>Datastores</th><th>Type</th><th>Size</th><th>Storage Device</th></tr><tr><td>Deploy</td><td>VMFS-6</td><td>2.2 TB</td><td>EMC Fibre Channel Disk</td></tr><tr><td>OSDATA-6a62292e-cbb98981-31d5-5c6f69f5b5f0</td><td>VMFSOS</td><td>128.6 GB</td><td>Local NVMe Disk</td></tr><tr><td>Tile0</td><td>VMFS-6</td><td>22.0 TB</td><td>EMC Fibre Channel Disk</td></tr><tr><td>Tile1</td><td>VMFS-6</td><td>3.3 TB</td><td>EMC Fibre Channel Disk</td></tr><tr><td>Tile2</td><td>VMFS-6</td><td>3.3 TB</td><td>EMC Fibre Channel Disk</td></tr><tr><td>Tile3</td><td>VMFS-6</td><td>3.3 TB</td><td>EMC Fibre Channel Disk</td></tr><tr><td>Tile4</td><td>VMFS-6</td><td>4.4 TB</td><td>EMC Fibre Channel Disk</td></tr><tr><td>datastore1 (2)</td><td>VMFS-6</td><td>3.1 TB</td><td>Local NVMe Disk</td></tr><tr><td>esxtop</td><td>VMFS-6</td><td>5.5 TB</td><td>EMC Fibre Channel Disk</td></tr><tr><td>svMotion</td><td>VMFS-6</td><td>2.2 TB</td><td>EMC Fibre Channel Disk</td></tr><tr><td>xvMotion</td><td>VMFS-6</td><td>2.2 TB</td><td>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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Number of Storage Devices	12																																																																																									
Storage Device Names, Sizes, Types, Vendors, Models, and Revisions	<table><tr><th>Storage Device</th><th>Size</th><th>Type</th><th>Vendor</th><th>Model</th><th>Revision</th><th>Path Selection Policy</th><th>Path Selection Policy Config</th><th># Working Paths</th></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></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
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	EMC Fibre Channel Disk	4.4 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
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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></table>									Client Host	BIOS	ESX	Client Host 1	2304 GB	2304 GB	Client Host 2	2304 GB	2304 GB											
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Client Host 1	2304 GB	2304 GB																											
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	<table><tr><td>Client Host 3</td><td>1024 GB</td><td>1024 GB</td></tr></table>	Client Host 3	1024 GB	1024 GB																																																																														
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Virtual Network Controllers, Speeds, MTUs, Firmware, Drivers, Vendors, and Models	<table><tr><td>Client Host</td><td>Device</td><td>Speed</td><td>Duplex</td><td>MTU</td><td>Firmware</td><td>Driver</td><td>Description</td></tr><tr><td rowspan="4">Client Host 1</td><td>vmnic0</td><td>1 Gbps</td><td>Full</td><td>1500</td><td>bc 1.39 ncsi 1.5.53.0</td><td>ntg3</td><td>Broadcom Corporation NetXtreme BCM5720 Gigabit Ethernet</td></tr><tr><td>vmnic1</td><td>1 Gbps</td><td>Full</td><td>1500</td><td>bc 1.39 ncsi 1.5.53.0</td><td>ntg3</td><td>Broadcom Corporation NetXtreme BCM5720 Gigabit Ethernet</td></tr><tr><td>vmnic4</td><td>100 Gbps</td><td>Full</td><td>9000</td><td>4.40 0x8001ba23 22.5.7</td><td>icen</td><td>Intel(R) Ethernet Controller E810-C for QSFP</td></tr><tr><td>vmnic5</td><td>100 Gbps</td><td>Full</td><td>9000</td><td>4.40 0x8001ba23 22.5.7</td><td>icen</td><td>Intel(R) Ethernet Controller E810-C for QSFP</td></tr><tr><td rowspan="4">Client Host 2</td><td>vmnic0</td><td>1 Gbps</td><td>Full</td><td>1500</td><td>bc 1.39 ncsi 1.5.67.0</td><td>ntg3</td><td>Broadcom Corporation NetXtreme BCM5720 Gigabit Ethernet</td></tr><tr><td>vmnic1</td><td>1 Gbps</td><td>Full</td><td>1500</td><td>bc 1.39 ncsi 1.5.67.0</td><td>ntg3</td><td>Broadcom Corporation NetXtreme BCM5720 Gigabit Ethernet</td></tr><tr><td>vmnic4</td><td>100 Gbps</td><td>Full</td><td>9000</td><td>4.20 0x8001784e 22.0.9</td><td>icen</td><td>Intel(R) Ethernet Controller E810-C for QSFP</td></tr><tr><td>vmnic5</td><td>100 Gbps</td><td>Full</td><td>9000</td><td>4.20 0x8001784e 22.0.9</td><td>icen</td><td>Intel(R) Ethernet Controller E810-C for QSFP</td></tr><tr><td rowspan="2">Client Host 3</td><td>vmnic0</td><td>100 Gbps</td><td>Full</td><td>9000</td><td>231.0.154.0 /pkg 23.11.16.22</td><td>bnxtnet</td><td>Broadcom NetXtreme-E P2100D BCM57508 2x100G QSFP PCIE Ethernet</td></tr><tr><td>vmnic1</td><td>100 Gbps</td><td>Full</td><td>9000</td><td>231.0.154.0 /pkg 23.11.16.22</td><td>bnxtnet</td><td>Broadcom NetXtreme-E P2100D BCM57508 2x100G QSFP PCIE Ethernet</td></tr></table>	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
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	Client Host 2	vmnic0	1 Gbps	Full	1500	bc 1.39 ncsi 1.5.67.0	ntg3	Broadcom Corporation NetXtreme BCM5720 Gigabit Ethernet																																																																										
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Virtual Switches, Ports, Port Groups, MTUs, and Uplinks	<table><tr><td>Client Host</td><td>Switch</td><td>Ports</td><td>Configured Ports</td><td>MTU</td><td>Uplinks</td></tr><tr><td rowspan="3">Client Host 1</td><td>vSwitch0</td><td>9216</td><td>128</td><td>9000</td><td>vmnic4</td></tr><tr><td>vSwitch1</td><td>9216</td><td>128</td><td>9000</td><td>vmnic5</td></tr><tr><td>vSwitch2</td><td>9216</td><td>128</td><td>1500</td><td>vmnic0</td></tr><tr><td rowspan="3">Client Host 2</td><td>vSwitch0</td><td>9216</td><td>128</td><td>9000</td><td>vmnic4</td></tr><tr><td>vSwitch1</td><td>9216</td><td>128</td><td>9000</td><td>vmnic5</td></tr><tr><td>vSwitch2</td><td>9216</td><td>128</td><td>1500</td><td>vmnic0</td></tr><tr><td rowspan="2">Client Host 3</td><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>	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																																
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	Client Host 3	vSwitch0	9216	128	9000	vmnic0																																																																												
		vSwitch1	9216	128	9000	vmnic1																																																																												
	<table><tr><td>Client Host</td><td>Switch</td><td>Port Group</td><td>VLAN ID</td><td>Uplinks</td></tr><tr><td rowspan="5">Client Host 1</td><td>vSwitch0</td><td>Management Network</td><td>0</td><td>vmnic4</td></tr><tr><td>vSwitch0</td><td>VM Network 2</td><td>0</td><td>vmnic4</td></tr><tr><td>vSwitch1</td><td>VM Network</td><td>0</td><td>vmnic5</td></tr><tr><td>vSwitch1</td><td>vMotion</td><td>0</td><td>vmnic5</td></tr><tr><td>vSwitch2</td><td>VM Network 3</td><td>0</td><td>vmnic0</td></tr><tr><td rowspan="5">Client Host 2</td><td>vSwitch0</td><td>Management Network</td><td>0</td><td>vmnic4</td></tr><tr><td>vSwitch0</td><td>VM Network 2</td><td>0</td><td>vmnic4</td></tr><tr><td>vSwitch1</td><td>VM Network</td><td>0</td><td>vmnic5</td></tr><tr><td>vSwitch1</td><td>vMotion</td><td>0</td><td>vmnic5</td></tr><tr><td>vSwitch2</td><td>VM Network 3</td><td>0</td><td>vmnic0</td></tr><tr><td rowspan="4">Client Host 3</td><td>vSwitch0</td><td>Management Network</td><td>0</td><td>vmnic0</td></tr><tr><td>vSwitch0</td><td>VM Network 2</td><td>0</td><td>vmnic0</td></tr><tr><td>vSwitch1</td><td>VM Network</td><td>0</td><td>vmnic1</td></tr><tr><td>vSwitch1</td><td>vMotion</td><td>0</td><td>vmnic1</td></tr></table>	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																	
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		vSwitch1	VM Network	0	vmnic5																																																																													
		vSwitch1	vMotion	0	vmnic5																																																																													
		vSwitch2	VM Network 3	0	vmnic0																																																																													
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Client Host 3	vSwitch0	Management Network	0	vmnic0																																																																														
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VMkernel Network Adapters, Port Groups, MTUs, TCP/IP Stacks, and Services	<table><tr><td>Client Host</td><td>Device</td><td>Port Group/DVPort</td><td>MTU</td><td>TCP/IP Stack</td><td>Services</td></tr><tr><td>Client Host 1</td><td>vmk0</td><td>Management Network</td><td>9000</td><td>Default</td><td>Management</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	Client Host	Device	Port Group/DVPort	MTU	TCP/IP Stack	Services	Client Host 1	vmk0	Management Network	9000	Default	Management																																																																					
	Client Host	Device	Port Group/DVPort	MTU	TCP/IP Stack	Services																																																																												
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		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
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Server Notes

Server BIOS Settings:

- Sub NUMA Cluster:Enabled(default Disabled)
- MADT Core Enumeration:Linear(default Round Robin)
- System Profile:Custom(default Perfomance 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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