

VMmark [®] 4.0.1 Disclosure											
Server Vendor & Model: Fujitsu PRIMERGY RX1440 M2 Storage Vendor & Model: 5 x Fujitsu PRIMERGY RX2540 M6 Hypervisor: VMware ESXi 8.0 Update 3, Build 24022510 Server Management Software: VMware vCenter Server 8.0 U3, Build 24022515						VMmark 4.0.1 Score = 3.09 @ 3.8 Tiles					
Number of Hosts: 2			Uniform Hosts: yes				Total sockets/cores/threads in test: 2/320/640				
Tested By: Fujitsu			Test Date: 12-02-2024				SUT Availability Date: 01-31-2025				
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	14157.13	9229.98	2697.03	2060.10	1505.08	49836.14	49825.25	49833.12	51.16	1.00	
p1	14148.70	9251.29	2691.62	1888.42	1404.80	48375.23	48369.59	48373.57	49.40	1.00	
p2	14148.66	9277.45	2663.57	1948.67	1463.45	46898.90	46894.98	46897.83	48.28	1.00	
TILE_0_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0	1.01	1.00	0.93	0.96	0.98	0.88	0.88	0.88	0.71	1.00	0.91
p1	1.01	1.01	0.93	0.88	0.92	0.86	0.86	0.86	0.69	1.00	0.88
p2	1.01	1.01	0.92	0.91	0.96	0.83	0.83	0.83	0.67	1.00	0.88
TILE_0_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC			
p0	0.75 0.04	0.67 0.00	559.15	589.75	613.94	0.69	0.69	0.69			
p1	0.85 0.10	0.75 0.00	566.61	633.53	669.48	0.73	0.73	0.73			
p2	0.96 0.10	0.89 0.02	581.48	632.09	674.14	0.75	0.75	0.76			
TILE_1_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	
p0	14172.07	9323.43	2781.85	2111.10	1598.75	54187.21	54189.63	54101.91	60.52	1.00	
p1	14171.19	9265.50	2787.22	1999.95	1404.53	52734.76	52735.95	52732.99	58.51	1.00	
p2	14136.15	9251.28	2750.82	2099.55	1587.25	51606.21	51607.02	51604.99	57.82	1.00	
TILE_1_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0	1.01	1.01	0.96	0.98	1.04	0.96	0.96	0.96	0.84	1.00	0.97
p1	1.01	1.01	0.96	0.93	0.92	0.93	0.93	0.93	0.81	1.00	0.94
p2	1.01	1.01	0.95	0.98	1.04	0.91	0.91	0.91	0.80	1.00	0.94
TILE_1_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC			
p0	0.43 0.01	0.47 0.00	513.35	552.06	592.05	0.61	0.61	0.61			
p1	0.50 0.03	0.50 0.00	501.27	521.94	577.07	0.64	0.63	0.63			
p2	0.58 0.04	0.55 0.01	531.31	559.66	604.94	0.66	0.65	0.65			

TILE_2_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	
p0	14141.27	9258.88	2666.80	1949.12	1435.17	48746.38	48747.00	48609.85	50.69	1.00	
p1	14134.33	9280.87	2685.97	1957.58	1384.15	47951.37	47952.02	47950.88	49.46	1.00	
p2	14109.59	9237.57	2637.47	1912.58	1418.85	46900.45	46900.91	46900.18	48.74	1.00	
TILE_2_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0	1.01	1.01	0.92	0.91	0.94	0.86	0.86	0.86	0.70	1.00	0.89
p1	1.01	1.01	0.93	0.91	0.90	0.85	0.85	0.85	0.69	1.00	0.88
p2	1.01	1.00	0.91	0.89	0.93	0.83	0.83	0.83	0.68	1.00	0.87
TILE_2_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC			
p0	0.99 0.15	0.96 0.08	581.90	637.42	708.11	0.68	0.69	0.68			
p1	1.03 0.10	1.05 0.05	567.65	625.26	690.74	0.71	0.72	0.71			
p2	1.08 0.11	1.11 0.10	609.75	675.68	740.28	0.74	0.74	0.74			
TILE_3_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	
p0	N/A	9268.17	2815.90	2057.90	1459.83	62088.27	62092.03	62086.91	59.08	N/A	
p1	N/A	9289.16	2832.12	2072.03	1547.80	60306.08	60307.77	60305.58	57.37	N/A	
p2	N/A	9218.80	2751.78	2007.28	1411.95	58534.15	58535.34	58533.77	56.19	N/A	
TILE_3_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0	N/A	1.01	0.97	0.96	0.95	1.10	1.10	1.10	0.82	N/A	0.89
p1	N/A	1.01	0.98	0.96	1.01	1.07	1.07	1.07	0.80	N/A	0.88
p2	N/A	1.00	0.95	0.93	0.92	1.04	1.04	1.04	0.78	N/A	0.85
TILE_3_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC			
p0	N/A	0.88 0.05	484.22	543.23	595.23	0.53	0.53	0.53			
p1	N/A	0.97 0.05	476.14	521.06	572.04	0.56	0.56	0.56			
p2	N/A	1.07 0.05	533.72	590.54	667.67	0.57	0.57	0.57			
p0_score:	3.66										
p1_score:	3.58										
p2_score:	3.55										

Infrastructure_Operations_Scores:					vMotion		SVMotion		XVMotion		Deploy	
Completed_Ops_PerHour					29.50		16.00		16.00		16.00	
Avg_Seconds_To_Complete					2.12		16.06		15.12		182.59	
Failures					0.00		0.00		0.00		0.00	
Ratio					1.00		1.23		1.23		1.10	
Number_Of_Threads					1		1		1		1	

Summary						Run_Is_Compliant		Median_Phase(p1)			
Unreviewed_VMmark4_Applications_Score						3.58					
Unreviewed_VMmark4_Infrastructure_Score						1.14					
Unreviewed_VMmark4_Score						3.09 @ 3.8 Tiles					

	<table><tr><td>DIMM-2L</td><td>256 GB</td><td>4800 MT/s</td><td>5600 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr></table>	DIMM-2L	256 GB	4800 MT/s	5600 MT/s	2	DDR5	Synchronous, Registered																																			
DIMM-2L	256 GB	4800 MT/s	5600 MT/s	2	DDR5	Synchronous, Registered																																					
Number of SAS Devices	1																																										
SAS Device Vendors and Models	<table><tr><td>Device</td><td>Model</td><td>Driver</td><td>Driver Version</td><td>Firmware</td></tr><tr><td>vmhba6</td><td>PRAID EP680i</td><td>lsi_mr3</td><td>7.728.02.00</td><td>52.28.0-5358</td></tr></table>	Device	Model	Driver	Driver Version	Firmware	vmhba6	PRAID EP680i	lsi_mr3	7.728.02.00	52.28.0-5358																																
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vmhba6	PRAID EP680i	lsi_mr3	7.728.02.00	52.28.0-5358																																							
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>vmhba2</td><td>QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter</td><td>32 Gbps</td><td>qlnativefc</td><td>9.14.02 (d0d5)</td></tr><tr><td>vmhba3</td><td>QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter</td><td>32 Gbps</td><td>qlnativefc</td><td>9.14.02 (d0d5)</td></tr><tr><td>vmhba64</td><td>QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter</td><td>32 Gbps</td><td>qlnativefc</td><td>9.14.02 (d0d5)</td></tr><tr><td>vmhba65</td><td>QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter</td><td>32 Gbps</td><td>qlnativefc</td><td>9.14.02 (d0d5)</td></tr></table>	HBA	Model	Speed	Driver	Firmware	vmhba2	QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter	32 Gbps	qlnativefc	9.14.02 (d0d5)	vmhba3	QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter	32 Gbps	qlnativefc	9.14.02 (d0d5)	vmhba64	QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter	32 Gbps	qlnativefc	9.14.02 (d0d5)	vmhba65	QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter	32 Gbps	qlnativefc	9.14.02 (d0d5)																	
HBA	Model	Speed	Driver	Firmware																																							
vmhba2	QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter	32 Gbps	qlnativefc	9.14.02 (d0d5)																																							
vmhba3	QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter	32 Gbps	qlnativefc	9.14.02 (d0d5)																																							
vmhba64	QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter	32 Gbps	qlnativefc	9.14.02 (d0d5)																																							
vmhba65	QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter	32 Gbps	qlnativefc	9.14.02 (d0d5)																																							
Other Hardware	Power Supply Quantity, Name/Part Number, Wattage, Firmware, and Type (Voltage, AC/DC) : - 1x PY-PU221, 2200W, REV 01A, 200V AC, for each SUT Cooling Type (Air Cooling, Closed Loop Cooling, Direct Liquid Cooling, or Other) : - Air Cooling																																										
Other Software	None																																										
BIOS Availability Date (MM-DD-YYYY)	10-09-2024																																										
Hardware Availability Date (MM-DD-YYYY)	01-31-2025																																										
Software Availability Date (MM-DD-YYYY)	06-25-2024																																										
Network																																											
Number of Virtual Network Controllers	5																																										
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>1 Gbps</td><td>Full</td><td>1500</td><td>3.30.0:0x8000079c</td><td>igbn</td><td>Intel(R) I210 Gigabit Network Connection</td></tr><tr><td>vmnic1</td><td>25 Gbps</td><td>Full</td><td>1500</td><td>4.30 0x8001af27 1.3429.0</td><td>icen</td><td>Intel(R) Ethernet Controller E810-XXV for SFP</td></tr><tr><td>vmnic2</td><td>25 Gbps</td><td>Full</td><td>1500</td><td>4.30 0x8001af27 1.3429.0</td><td>icen</td><td>Intel(R) Ethernet Controller E810-XXV for SFP</td></tr><tr><td>vmnic3</td><td>25 Gbps</td><td>Full</td><td>1500</td><td>4.30 0x8001af27 1.3429.0</td><td>icen</td><td>Intel(R) Ethernet Controller E810-XXV for SFP</td></tr><tr><td>vmnic4</td><td>25 Gbps</td><td>Full</td><td>1500</td><td>4.30 0x8001af27 1.3429.0</td><td>icen</td><td>Intel(R) Ethernet Controller E810-XXV for SFP</td></tr></table>	Device	Speed	Duplex	MTU	Firmware	Driver	Description	vmnic0	1 Gbps	Full	1500	3.30.0:0x8000079c	igbn	Intel(R) I210 Gigabit Network Connection	vmnic1	25 Gbps	Full	1500	4.30 0x8001af27 1.3429.0	icen	Intel(R) Ethernet Controller E810-XXV for SFP	vmnic2	25 Gbps	Full	1500	4.30 0x8001af27 1.3429.0	icen	Intel(R) Ethernet Controller E810-XXV for SFP	vmnic3	25 Gbps	Full	1500	4.30 0x8001af27 1.3429.0	icen	Intel(R) Ethernet Controller E810-XXV for SFP	vmnic4	25 Gbps	Full	1500	4.30 0x8001af27 1.3429.0	icen	Intel(R) Ethernet Controller E810-XXV for SFP
Device	Speed	Duplex	MTU	Firmware	Driver	Description																																					
vmnic0	1 Gbps	Full	1500	3.30.0:0x8000079c	igbn	Intel(R) I210 Gigabit Network Connection																																					
vmnic1	25 Gbps	Full	1500	4.30 0x8001af27 1.3429.0	icen	Intel(R) Ethernet Controller E810-XXV for SFP																																					
vmnic2	25 Gbps	Full	1500	4.30 0x8001af27 1.3429.0	icen	Intel(R) Ethernet Controller E810-XXV for SFP																																					
vmnic3	25 Gbps	Full	1500	4.30 0x8001af27 1.3429.0	icen	Intel(R) Ethernet Controller E810-XXV for SFP																																					
vmnic4	25 Gbps	Full	1500	4.30 0x8001af27 1.3429.0	icen	Intel(R) Ethernet Controller E810-XXV for SFP																																					
Number of Virtual Switches	3																																										
Virtual Switches, Ports, Port Groups, MTUs, and Uplinks	<table><tr><td>Switch</td><td>Ports</td><td>Configured Ports</td><td>MTU</td><td>Uplinks</td></tr><tr><td>vSwitch0</td><td>9216</td><td>128</td><td>1500</td><td>vmnic0</td></tr><tr><td>vSwitch1</td><td>9216</td><td>128</td><td>1500</td><td>vmnic1, vmnic3</td></tr><tr><td>vSwitch2</td><td>9216</td><td>128</td><td>1500</td><td>vmnic2</td></tr></table> <table><tr><td>Switch</td><td>Port Group</td><td>VLAN ID</td><td>Uplinks</td></tr></table>	Switch	Ports	Configured Ports	MTU	Uplinks	vSwitch0	9216	128	1500	vmnic0	vSwitch1	9216	128	1500	vmnic1, vmnic3	vSwitch2	9216	128	1500	vmnic2	Switch	Port Group	VLAN ID	Uplinks																		
Switch	Ports	Configured Ports	MTU	Uplinks																																							
vSwitch0	9216	128	1500	vmnic0																																							
vSwitch1	9216	128	1500	vmnic1, vmnic3																																							
vSwitch2	9216	128	1500	vmnic2																																							
Switch	Port Group	VLAN ID	Uplinks																																								

	<table><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>vSwitch1</td><td>Load Network 1</td><td>0</td><td>vmnic1 , vmnic3</td></tr><tr><td>vSwitch2</td><td>Vmotion</td><td>0</td><td>vmnic2</td></tr></table>	vSwitch0	Management Network	0	vmnic0	vSwitch0	VM Network	0	vmnic0	vSwitch1	Load Network 1	0	vmnic1 , vmnic3	vSwitch2	Vmotion	0	vmnic2																																																																																								
vSwitch0	Management Network	0	vmnic0																																																																																																						
vSwitch0	VM Network	0	vmnic0																																																																																																						
vSwitch1	Load Network 1	0	vmnic1 , vmnic3																																																																																																						
vSwitch2	Vmotion	0	vmnic2																																																																																																						
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>1500</td><td>Default</td><td>Management</td></tr><tr><td>vmk1</td><td>Vmotion</td><td>1500</td><td>Default</td><td>vMotion</td></tr></table>	Device	Port Group/DVPort	MTU	TCP/IP Stack	Services	vmk0	Management Network	1500	Default	Management	vmk1	Vmotion	1500	Default	vMotion																																																																																									
Device	Port Group/DVPort	MTU	TCP/IP Stack	Services																																																																																																					
vmk0	Management Network	1500	Default	Management																																																																																																					
vmk1	Vmotion	1500	Default	vMotion																																																																																																					
Physical Switch Vendors, Models, and Speeds	None																																																																																																								
Primary Storage																																																																																																									
Storage Category	SCSI Target																																																																																																								
Datastores	<table><tr><th>Datastores</th><th>Type</th><th>Size</th><th>Storage Device</th></tr><tr><td>M6_1_nvme0n1p1</td><td>VMFS-6</td><td>643.2 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_1_nvme1n1p1</td><td>VMFS-6</td><td>643.2 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_1_nvme2n1p1</td><td>VMFS-6</td><td>643.2 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_1_nvme3n1p1</td><td>VMFS-6</td><td>643.2 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_1_nvme4n1p1</td><td>VMFS-6</td><td>643.2 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_1_nvme5n1p1</td><td>VMFS-6</td><td>643.2 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_1_nvme6n1p1</td><td>VMFS-6</td><td>498.5 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_1_nvme6n1p2</td><td>VMFS-6</td><td>498.5 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_1_nvme6n1p3</td><td>VMFS-6</td><td>498.5 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_1_nvme6n1p4</td><td>VMFS-6</td><td>498.5 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_1_nvme6n1p5</td><td>VMFS-6</td><td>498.5 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_1_nvme6n1p6</td><td>VMFS-6</td><td>498.5 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_2_nvme0n1p1</td><td>VMFS-6</td><td>643.2 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_2_nvme1n1p1</td><td>VMFS-6</td><td>644.0 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_2_nvme2n1p1</td><td>VMFS-6</td><td>644.0 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_2_nvme3n1p1</td><td>VMFS-6</td><td>644.0 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_2_nvme4n1p1</td><td>VMFS-6</td><td>644.0 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_2_nvme5n1p1</td><td>VMFS-6</td><td>644.0 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_2_nvme6n1p1</td><td>VMFS-6</td><td>498.5 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_2_nvme6n1p2</td><td>VMFS-6</td><td>498.5 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_2_nvme6n1p3</td><td>VMFS-6</td><td>498.5 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_2_nvme6n1p4</td><td>VMFS-6</td><td>498.5 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_2_nvme6n1p5</td><td>VMFS-6</td><td>498.5 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_2_nvme6n1p6</td><td>VMFS-6</td><td>498.5 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr><tr><td>M6_3_nvme0n1p1</td><td>VMFS-6</td><td>644.0 GB</td><td>LIO-ORG Fibre Channel Disk</td></tr></table>	Datastores	Type	Size	Storage Device	M6_1_nvme0n1p1	VMFS-6	643.2 GB	LIO-ORG Fibre Channel Disk	M6_1_nvme1n1p1	VMFS-6	643.2 GB	LIO-ORG Fibre Channel Disk	M6_1_nvme2n1p1	VMFS-6	643.2 GB	LIO-ORG Fibre Channel Disk	M6_1_nvme3n1p1	VMFS-6	643.2 GB	LIO-ORG Fibre Channel Disk	M6_1_nvme4n1p1	VMFS-6	643.2 GB	LIO-ORG Fibre Channel Disk	M6_1_nvme5n1p1	VMFS-6	643.2 GB	LIO-ORG Fibre Channel Disk	M6_1_nvme6n1p1	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk	M6_1_nvme6n1p2	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk	M6_1_nvme6n1p3	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk	M6_1_nvme6n1p4	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk	M6_1_nvme6n1p5	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk	M6_1_nvme6n1p6	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk	M6_2_nvme0n1p1	VMFS-6	643.2 GB	LIO-ORG Fibre Channel Disk	M6_2_nvme1n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk	M6_2_nvme2n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk	M6_2_nvme3n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk	M6_2_nvme4n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk	M6_2_nvme5n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk	M6_2_nvme6n1p1	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk	M6_2_nvme6n1p2	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk	M6_2_nvme6n1p3	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk	M6_2_nvme6n1p4	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk	M6_2_nvme6n1p5	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk	M6_2_nvme6n1p6	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk	M6_3_nvme0n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk
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M6_3_nvme2n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk
M6_3_nvme3n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk
M6_3_nvme4n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk
M6_3_nvme5n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk
M6_3_nvme6n1p1	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk
M6_3_nvme6n1p2	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk
M6_3_nvme6n1p3	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk
M6_3_nvme6n1p4	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk
M6_3_nvme6n1p5	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk
M6_3_nvme6n1p6	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk
M6_4_nvme0n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk
M6_4_nvme1n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk
M6_4_nvme2n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk
M6_4_nvme3n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk
M6_4_nvme4n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk
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M6_4_nvme6n1p1	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk
M6_4_nvme6n1p2	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk
M6_4_nvme6n1p3	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk
M6_4_nvme6n1p4	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk
M6_4_nvme6n1p5	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk
M6_4_nvme6n1p6	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk
M6_5_nvme0n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk
M6_5_nvme1n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk
M6_5_nvme2n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk
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M6_5_nvme6n1p4	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk
M6_5_nvme6n1p5	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk
M6_5_nvme6n1p6	VMFS-6	498.5 GB	LIO-ORG Fibre Channel Disk
M6_6_nvme0n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk
M6_6_nvme1n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk

	M6_6_nvme2n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk					
	M6_6_nvme3n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk					
	M6_6_nvme4n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk					
	M6_6_nvme5n1p1	VMFS-6	644.0 GB	LIO-ORG Fibre Channel Disk					

Number of Storage Devices	67								
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Storage Device Names, Sizes, Types, Vendors, Models, and Revisions	Storage Device	Size	Type	Vendor	Model	Revision	Path Selection Policy	Path Selection Policy Config	# Working Paths
	Local Fujitsu Disk (Boot Device)	239.5 GB	Direct-Access	Fujitsu	PRAID EP680i	5.28	FIXED	preferred=none	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p1	4.0	VMW_PSP_MRU	Current Path=vmhba2:C0:T10:L6	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p1	4.0	VMW_PSP_MRU	Current Path=vmhba2:C0:T13:L6	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p1	4.0	VMW_PSP_MRU	Current Path=vmhba3:C0:T10:L6	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p1	4.0	VMW_PSP_MRU	Current Path=vmhba2:C0:T6:L6	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p1	4.0	VMW_PSP_MRU	Current Path=vmhba3:C0:T0:L6	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p5	4.0	VMW_PSP_MRU	Current Path=vmhba2:C0:T10:L10	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p5	4.0	VMW_PSP_MRU	Current Path=vmhba2:C0:T6:L10	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p6	4.0	VMW_PSP_MRU	Current Path=vmhba3:C0:T10:L11	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p3	4.0	VMW_PSP_MRU	Current Path=vmhba3:C0:T10:L8	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p6	4.0	VMW_PSP_MRU	Current Path=vmhba2:C0:T6:L11	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p5	4.0	VMW_PSP_MRU	Current Path=vmhba3:C0:T0:L10	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p3	4.0	VMW_PSP_MRU	Current Path=vmhba2:C0:T10:L8	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p6	4.0	VMW_PSP_MRU	Current Path=vmhba2:C0:T13:L11	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p5	4.0	VMW_PSP_MRU	Current Path=vmhba2:C0:T13:L10	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p3	4.0	VMW_PSP_MRU	Current Path=vmhba3:C0:T0:L8	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p2	4.0	VMW_PSP_MRU	Current Path=vmhba3:C0:T0:L7	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p3	4.0	VMW_PSP_MRU	Current Path=vmhba2:C0:T6:L8	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p2	4.0	VMW_PSP_MRU	Current Path=vmhba3:C0:T10:L7	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p3	4.0	VMW_PSP_MRU	Current Path=vmhba2:C0:T13:L8	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p6	4.0	VMW_PSP_MRU	Current Path=vmhba2:C0:T10:L11	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p2	4.0	VMW_PSP_MRU	Current Path=vmhba2:C0:T6:L7	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p5	4.0	VMW_PSP_MRU	Current Path=vmhba3:C0:T10:L10	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p2	4.0	VMW_PSP_MRU	Current Path=vmhba2:C0:T13:L7	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p2	4.0	VMW_PSP_MRU	Current Path=vmhba2:C0:T10:L7	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p6	4.0	VMW_PSP_MRU	Current Path=vmhba3:C0:T0:L11	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p4	4.0	VMW_PSP_MRU	Current Path=vmhba3:C0:T10:L9	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p4	4.0	VMW_PSP_MRU	Current Path=vmhba3:C0:T0:L9	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p4	4.0	VMW_PSP_MRU	Current Path=vmhba2:C0:T10:L9	1
	LIO-ORG Fibre Channel Disk	500.0 GB	Direct-Access	LIO-ORG	nvme6n1p4	4.0	VMW_PSP_MRU	Current Path=vmhba2:C0:T6:L9	1

[illegible]

How Datastores Map to Storage Devices	All datastores were mapped to NVMe SSDs on PRIMERGY servers as FibreChannel Targets. See Storage Notes section for the details.																															
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)	5																															
Number of Client Hosts (all subsequent fields in this section are per Client Host)	5																															
System Model(s)	- Client Host 1: Fujitsu PRIMERGY RX2540 M7 - Client Host 2: Fujitsu PRIMERGY RX2540 M7 - Client Host 3: Fujitsu PRIMERGY TX2550 M7 - Client Host 4: Fujitsu PRIMERGY RX2530 M6 - Client Host 5: Fujitsu PRIMERGY RX2530 M6																															
Processor Vendor(s) and Model(s)	- Client Host 1: Intel Xeon Platinum 8480+ - Client Host 2: Intel Xeon Platinum 8480+ - Client Host 3: INTEL XEON GOLD 6554S - Client Host 4: Intel Xeon Platinum 8368 - Client Host 5: Intel Xeon Platinum 8368																															
Processor Speed(s) (GHz)	- Client Host 1: 2.0 GHz - Client Host 2: 2.0 GHz - Client Host 3: 2.2 GHz - Client Host 4: 2.4 GHz - Client Host 5: 2.4 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>112</td><td>224</td></tr><tr><td>Client Host 2</td><td>2</td><td>112</td><td>224</td></tr><tr><td>Client Host 3</td><td>1</td><td>36</td><td>72</td></tr><tr><td>Client Host 4</td><td>2</td><td>76</td><td>152</td></tr><tr><td>Client Host 5</td><td>2</td><td>76</td><td>152</td></tr><tr><td>Total</td><td>10</td><td>412</td><td>824</td></tr></table>				Client Host	Sockets	Cores	Threads	Client Host 1	2	112	224	Client Host 2	2	112	224	Client Host 3	1	36	72	Client Host 4	2	76	152	Client Host 5	2	76	152	Total	10	412	824
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Client Host 5	2	76	152																													
Total	10	412	824																													
NUMA Nodes	Client Host 1: 2																															

	- Client Host 2: 2 - Client Host 3: 1 - Client Host 4: 2 - Client Host 5: 2																																																																																																																												
Memory Size (in GB) per Client Host	<table><tr><td>Client Host</td><td>BIOS</td><td>ESXi</td></tr><tr><td>Client Host 1</td><td>512 GB</td><td>512 GB</td></tr><tr><td>Client Host 2</td><td>512 GB</td><td>512 GB</td></tr><tr><td>Client Host 3</td><td>384 GB</td><td>384 GB</td></tr><tr><td>Client Host 4</td><td>2048 GB</td><td>2048 GB</td></tr><tr><td>Client Host 5</td><td>2048 GB</td><td>2048 GB</td></tr></table>							Client Host	BIOS	ESXi	Client Host 1	512 GB	512 GB	Client Host 2	512 GB	512 GB	Client Host 3	384 GB	384 GB	Client Host 4	2048 GB	2048 GB	Client Host 5	2048 GB	2048 GB																																																																																																				
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Client Host 2	512 GB	512 GB																																																																																																																											
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Client Host 4	2048 GB	2048 GB																																																																																																																											
Client Host 5	2048 GB	2048 GB																																																																																																																											
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="3">Client Host 1</td><td>vmnic0</td><td>1 Gbps</td><td>Full</td><td>1500</td><td>3.25.0:0x800005cb</td><td>igbn</td><td>Intel(R) I210 Gigabit Network Connection</td></tr><tr><td>vmnic1</td><td>10 Gbps</td><td>Full</td><td>1500</td><td>9.20 0x8000d93a 1.3353.0</td><td>i40en</td><td>Intel(R) Ethernet Controller X710 for 10GbE SFP+</td></tr><tr><td>vmnic2</td><td>10 Gbps</td><td>Full</td><td>1500</td><td>9.20 0x8000d93a 1.3353.0</td><td>i40en</td><td>Intel(R) Ethernet Controller X710 for 10GbE SFP+</td></tr><tr><td rowspan="3">Client Host 2</td><td>vmnic0</td><td>1 Gbps</td><td>Full</td><td>1500</td><td>3.25.0:0x800005cb</td><td>igbn</td><td>Intel(R) I210 Gigabit Network Connection</td></tr><tr><td>vmnic1</td><td>10 Gbps</td><td>Full</td><td>1500</td><td>9.20 0x8000d93a 1.3353.0</td><td>i40en</td><td>Intel(R) Ethernet Controller X710 for 10GbE SFP+</td></tr><tr><td>vmnic2</td><td>10 Gbps</td><td>Full</td><td>1500</td><td>9.20 0x8000d93a 1.3353.0</td><td>i40en</td><td>Intel(R) Ethernet Controller X710 for 10GbE SFP+</td></tr><tr><td rowspan="3">Client Host 3</td><td>vmnic0</td><td>1 Gbps</td><td>Full</td><td>1500</td><td>1.63.0:0x800009fa</td><td>igbn</td><td>Intel(R) I350 Gigabit Network Connection</td></tr><tr><td>vmnic2</td><td>10 Gbps</td><td>Full</td><td>1500</td><td>9.20 0x8000d93a 1.3353.0</td><td>i40en</td><td>Intel(R) Ethernet Controller X710 for 10GbE SFP+</td></tr><tr><td>vmnic3</td><td>10 Gbps</td><td>Full</td><td>1500</td><td>9.20 0x8000d93a 1.3353.0</td><td>i40en</td><td>Intel(R) Ethernet Controller X710 for 10GbE SFP+</td></tr><tr><td rowspan="3">Client Host 4</td><td>vmnic0</td><td>1 Gbps</td><td>Full</td><td>1500</td><td>1.63.0:0x800010c0:1.2228.0</td><td>igbn</td><td>Intel(R) I350 Gigabit Network Connection</td></tr><tr><td>vmnic6</td><td>10 Gbps</td><td>Full</td><td>1500</td><td>9.20 0x8000d93a 1.3353.0</td><td>i40en</td><td>Intel(R) Ethernet Controller X710 for 10GbE SFP+</td></tr><tr><td>vmnic7</td><td>10 Gbps</td><td>Full</td><td>1500</td><td>9.20 0x8000d93a 1.3353.0</td><td>i40en</td><td>Intel(R) Ethernet Controller X710 for 10GbE SFP+</td></tr><tr><td rowspan="3">Client Host 5</td><td>vmnic0</td><td>1 Gbps</td><td>Full</td><td>1500</td><td>1.63.0:0x80001076:1.2228.0</td><td>igbn</td><td>Intel(R) I350 Gigabit Network Connection</td></tr><tr><td>vmnic6</td><td>10 Gbps</td><td>Full</td><td>1500</td><td>9.20 0x8000d93a 1.3353.0</td><td>i40en</td><td>Intel(R) Ethernet Controller X710 for 10GbE SFP+</td></tr><tr><td>vmnic7</td><td>10 Gbps</td><td>Full</td><td>1500</td><td>9.20 0x8000d93a 1.3353.0</td><td>i40en</td><td>Intel(R) Ethernet Controller X710 for 10GbE SFP+</td></tr></table>							Client Host	Device	Speed	Duplex	MTU	Firmware	Driver	Description	Client Host 1	vmnic0	1 Gbps	Full	1500	3.25.0:0x800005cb	igbn	Intel(R) I210 Gigabit Network Connection	vmnic1	10 Gbps	Full	1500	9.20 0x8000d93a 1.3353.0	i40en	Intel(R) Ethernet Controller X710 for 10GbE SFP+	vmnic2	10 Gbps	Full	1500	9.20 0x8000d93a 1.3353.0	i40en	Intel(R) Ethernet Controller X710 for 10GbE SFP+	Client Host 2	vmnic0	1 Gbps	Full	1500	3.25.0:0x800005cb	igbn	Intel(R) I210 Gigabit Network Connection	vmnic1	10 Gbps	Full	1500	9.20 0x8000d93a 1.3353.0	i40en	Intel(R) Ethernet Controller X710 for 10GbE SFP+	vmnic2	10 Gbps	Full	1500	9.20 0x8000d93a 1.3353.0	i40en	Intel(R) Ethernet Controller X710 for 10GbE SFP+	Client Host 3	vmnic0	1 Gbps	Full	1500	1.63.0:0x800009fa	igbn	Intel(R) I350 Gigabit Network Connection	vmnic2	10 Gbps	Full	1500	9.20 0x8000d93a 1.3353.0	i40en	Intel(R) Ethernet Controller X710 for 10GbE SFP+	vmnic3	10 Gbps	Full	1500	9.20 0x8000d93a 1.3353.0	i40en	Intel(R) Ethernet Controller X710 for 10GbE SFP+	Client Host 4	vmnic0	1 Gbps	Full	1500	1.63.0:0x800010c0:1.2228.0	igbn	Intel(R) I350 Gigabit Network Connection	vmnic6	10 Gbps	Full	1500	9.20 0x8000d93a 1.3353.0	i40en	Intel(R) Ethernet Controller X710 for 10GbE SFP+	vmnic7	10 Gbps	Full	1500	9.20 0x8000d93a 1.3353.0	i40en	Intel(R) Ethernet Controller X710 for 10GbE SFP+	Client Host 5	vmnic0	1 Gbps	Full	1500	1.63.0:0x80001076:1.2228.0	igbn	Intel(R) I350 Gigabit Network Connection	vmnic6	10 Gbps	Full	1500	9.20 0x8000d93a 1.3353.0	i40en	Intel(R) Ethernet Controller X710 for 10GbE SFP+	vmnic7	10 Gbps	Full	1500	9.20 0x8000d93a 1.3353.0	i40en	Intel(R) Ethernet Controller X710 for 10GbE SFP+
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	vmnic2	10 Gbps	Full	1500	9.20 0x8000d93a 1.3353.0	i40en	Intel(R) Ethernet Controller X710 for 10GbE SFP+																																																																																																																						
Client Host 3	vmnic0	1 Gbps	Full	1500	1.63.0:0x800009fa	igbn	Intel(R) I350 Gigabit Network Connection																																																																																																																						
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	vmnic7	10 Gbps	Full	1500	9.20 0x8000d93a 1.3353.0	i40en	Intel(R) Ethernet Controller X710 for 10GbE SFP+																																																																																																																						
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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="2">Client Host 1</td><td>vSwitch0</td><td>9216</td><td>128</td><td>1500</td><td>vmnic0</td></tr><tr><td>vSwitch1</td><td>9216</td><td>128</td><td>1500</td><td>vmnic1, vmnic2</td></tr><tr><td rowspan="2">Client Host 2</td><td>vSwitch0</td><td>9216</td><td>128</td><td>1500</td><td>vmnic0</td></tr><tr><td>vSwitch1</td><td>9216</td><td>128</td><td>1500</td><td>vmnic1, vmnic2</td></tr><tr><td rowspan="2">Client Host 3</td><td>vSwitch0</td><td>9216</td><td>128</td><td>1500</td><td>vmnic0</td></tr><tr><td>vSwitch1</td><td>9216</td><td>128</td><td>1500</td><td>vmnic2, vmnic3</td></tr><tr><td rowspan="2">Client Host 4</td><td>vSwitch0</td><td>9216</td><td>128</td><td>1500</td><td>vmnic0</td></tr><tr><td>vSwitch1</td><td>9216</td><td>128</td><td>1500</td><td>vmnic6, vmnic7</td></tr><tr><td rowspan="2">Client Host 5</td><td>vSwitch0</td><td>9216</td><td>128</td><td>1500</td><td>vmnic0</td></tr><tr><td>vSwitch1</td><td>9216</td><td>128</td><td>1500</td><td>vmnic6, vmnic7</td></tr></table>							Client Host	Switch	Ports	Configured Ports	MTU	Uplinks	Client Host 1	vSwitch0	9216	128	1500	vmnic0	vSwitch1	9216	128	1500	vmnic1, vmnic2	Client Host 2	vSwitch0	9216	128	1500	vmnic0	vSwitch1	9216	128	1500	vmnic1, vmnic2	Client Host 3	vSwitch0	9216	128	1500	vmnic0	vSwitch1	9216	128	1500	vmnic2, vmnic3	Client Host 4	vSwitch0	9216	128	1500	vmnic0	vSwitch1	9216	128	1500	vmnic6, vmnic7	Client Host 5	vSwitch0	9216	128	1500	vmnic0	vSwitch1	9216	128	1500	vmnic6, vmnic7																																																									
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Notes for Workload

Template deployed with disk type: Thick Lazy

Virtualization Software Notes

- vSphere DRS Enabled
- vSphere DRS Automation Level set to Fully Automated
- vSphere DRS Migration Threshold set to 1
- Logical CPU layout changed for all multi-CPU VMs to 1 socket with multiple cores except template, clients and prime client VMs (default single core per socket)
- CPU shares set to high for all DS35DB, NoSQLBench VMs (default normal)
- CPU shares set to low for all Standby VMs (default normal)
- All memory reserved for DS35DB VMs (default non-reserved)
- sched.mem.pin set to TRUE for all DS35DB VMs (default FALSE)
- Add sched.mem.lpage.enable1GPage to TRUE for all DS35DB VMs (default FALSE)

SUT Host ESXi 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.LocalityWeightActionAffinity	0	0	130
Power.CpuPolicy	Performance	Performance	Balanced
UserVars.HostClientCEIPOptIn	2	2	0
VMFS3.HardwareAcceleratedLocking	0	0	1

SUT Host ESXi Module Options:

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

Server Notes

Server BIOS settings

- Determinism Slider set to Power (default: Performance)
- TDP Control set to Manual (default: Auto)
- TDP Limit set to 400 (default: N/A)
- Package Power Limit Control set to Manual (default: Auto)
- Package Power Limit set to 400 (default: N/A)

- ACPI CST C2 Latency set to 18 (default: 800)
- Power Profile Selection set to High Performance Mode (default: Efficiency Mode)
- Fan Control set to Full (default: Auto)

Networking Notes

SUT vSwitch Configuration:

- vSwitch0 for Management on vmnic0 at 1Gb/s
- vSwitch1 for all workloads on vmnic1, vmnic2 and vmnic3 at 25Gb/s
- vSwitch2 for vMotion connection on vmnic4 at 25Gb/s

ClientHost vSwitch Configuration:

- vSwitch0 for Management on vmnic0 at 1Gb/s
- vSwitch1 for workloads on vmnic1 and vmnic2 of ClientHost1 and ClientHost2 at 10Gb/s
- vSwitch1 for workloads on vmnic2, vmnic3 of ClientHost3 at 10Gb/s
- vSwitch1 for workloads on vmnic6, vmnic7 of ClientHost4 and ClientHost5 at 10Gb/s

Storage Notes

First Fujitsu Server (PRIMERGY RX2540 M6) configured as a Fibre Channel Target:

- Hardware details:
 - 2 x Intel Xeon Gold 6334@3.6GHz processors
 - 128 GB RAM (4 x 32GB 2Rx4 3200MHz DDR4 RDIMMs)
 - 2 x QLogic QLE2772 dual port 32Gb FC HBA used as FC target controller
 - 1 x Micron MTFDDAK480TDT 480GB SATA SSD
 - 3 x Intel P4800X 750GB PCIe SSD
 - 1 x Kioxia CM6-V 3.2TB SSD
- Software details:
 - Operating System: SUSE Linux Enterprise Server 15 SP4 - 5.14.21-150400.22-default (64-bit)
 - Fibre Channel Target SW: LIO (part of SUSE Linux Enterprise Server 15 SP4)
- RAID configuration:
 - SATA-SSD 1 (RAID0):
 - LUN 1 : Storage system OS (480GB, this LUN is not counted in the Storage section)
 - First PCIe-SSD (750GB):
 - LUN 1 : DS35DB, DS35WebA, DS35WebB, DS35WebC for tile 0 (600GB)
 - Second PCIe-SSD (750GB):
 - LUN 1 : Standby, SocialNetwork, AuctionWebEDB, AuctionWebDNosql for tile 0 (600GB)
 - Third PCIe-SSD (750GB):
 - LUN 1 : AuctionKA, AuctionKB, AuctionKC, AuctionKD for tile 0 (600GB)
 - Fourth PCIe-SSD (3.2TB):
 - LUN 1 : AuctionAppA, AuctionAppB, AuctionAppC for tile 0 (500GB)
 - LUN 2 : NoSQLBenchA, NoSQLBenchB, NoSQLBenchC for tile 0 (500GB)
 - LUN 3 : AuctionWebA, AuctionWebB, AuctionWebC, AuctionWebF for tile 0 (500GB)

Second Fujitsu Server (PRIMERGY RX2540 M6) configured as a Fibre Channel Target:

- Hardware details:
 - 2 x Intel Xeon Gold 6334@3.6GHz processors
 - 128 GB RAM (4 x 32GB 2Rx4 3200MHz DDR4 RDIMMs)

- 2 x QLogic QLE2772 dual port 32Gb FC HBA used as FC target controller
 - 1 x Micron MTFDDAK480TDT 480GB SATA SSD
 - 3 x Intel P4800X 750GB PCIe SSD
 - 1 x Kioxia CM6-V 3.2TB SSD
- Software details:
 - Operating System: SUSE Linux Enterprise Server 15 SP4 - 5.14.21-150400.22-default (64-bit)
 - Fibre Channel Target SW: LIO (part of SUSE Linux Enterprise Server 15 SP4)
- RAID configuration:
 - SATA-SSD 1 (RAID0):
 - LUN 1 : Storage system OS (480GB, this LUN is not counted in the Storage section)
 - First PCIe-SSD (750GB):
 - LUN 1 : DS35DB, DS35WebA, DS35WebB, DS35WebC for tile 1 (600GB)
 - Second PCIe-SSD (750GB):
 - LUN 1 : Standby, SocialNetwork, AuctionWebEDB, AuctionWebDNosql for tile 1 (600GB)
 - Third PCIe-SSD (750GB):
 - LUN 1 : AuctionKA, AuctionKB, AuctionKC, AuctionKD for tile 1 (600GB)
 - Fourth PCIe-SSD (3.2TB):
 - LUN 1 : AuctionAppA, AuctionAppB, AuctionAppC for tile 1 (500GB)
 - LUN 2 : NoSQLBenchA, NoSQLBenchB, NoSQLBenchC for tile 1 (500GB)
 - LUN 3 : AuctionWebA, AuctionWebB, AuctionWebC, AuctionWebF for tile 1 (500GB)

Third Fujitsu Server (PRIMERGY RX2540 M6) configured as a Fibre Channel Target:

- Hardware details:
 - 2 x Intel Xeon Gold 6334@3.6GHz processors
 - 128 GB RAM (4 x 32GB 2Rx4 3200MHz DDR4 RDIMMs)
 - 2 x QLogic QLE2772 dual port 32Gb FC HBA used as FC target controller
 - 1 x Micron MTFDDAK480TDT 480GB SATA SSD
 - 3 x Intel P4800X 750GB PCIe SSD
 - 1 x Kioxia CM6-V 3.2TB SSD
- Software details:
 - Operating System: SUSE Linux Enterprise Server 15 SP4 - 5.14.21-150400.22-default (64-bit)
 - Fibre Channel Target SW: LIO (part of SUSE Linux Enterprise Server 15 SP4)
- RAID configuration:
 - SATA-SSD 1 (RAID0):
 - LUN 1 : Storage system OS (480GB, this LUN is not counted in the Storage section)
 - First PCIe-SSD (750GB):
 - LUN 1 : DS35DB, DS35WebA, DS35WebB, DS35WebC for tile 2 (600GB)
 - Second PCIe-SSD (750GB):
 - LUN 1 : Standby, SocialNetwork, AuctionWebEDB, AuctionWebDNosql for tile 2 (600GB)
 - Third PCIe-SSD (750GB):
 - LUN 1 : AuctionKA, AuctionKB, AuctionKC, AuctionKD for tile 2 (600GB)
 - Fourth PCIe-SSD (3.2TB):
 - LUN 1 : AuctionAppA, AuctionAppB, AuctionAppC for tile 2 (500GB)
 - LUN 2 : NoSQLBenchA, NoSQLBenchB, NoSQLBenchC for tile 2 (500GB)
 - LUN 3 : AuctionWebA, AuctionWebB, AuctionWebC, AuctionWebF for tile 2 (500GB)

Fourth Fujitsu Server (PRIMERGY RX2540 M6) configured as a Fibre Channel Target:

- Hardware details:
 - 2 x Intel Xeon Gold 6334@3.6GHz processors

- 128 GB RAM (4 x 32GB 2Rx4 3200MHz DDR4 RDIMMs)
 - 2 x QLogic QLE2772 dual port 32Gb FC HBA used as FC target controller
 - 1 x Micron MTFDDAK480TDT 480GB SATA SSD
 - 3 x Intel P4800X 750GB PCIe SSD
 - 1 x Kioxia CM6-V 3.2TB SSD
- Software details:
 - Operating System: SUSE Linux Enterprise Server 15 SP4 - 5.14.21-150400.22-default (64-bit)
 - Fibre Channel Target SW: LIO (part of SUSE Linux Enterprise Server 15 SP4)
- RAID configuration:
 - SATA-SSD 1 (RAID0):
 - LUN 1 : Storage system OS (480GB, this LUN is not counted in the Storage section)
 - First PCIe-SSD (750GB):
 - LUN 1 : DS35DB, DS35WebA, DS35WebB, DS35WebC for tile 3 (600GB)
 - Second PCIe-SSD (750GB):
 - LUN 1 : Standby, SocialNetwork, AuctionWebEDB, AuctionWebDNosql for tile 3 (600GB)
 - Third PCIe-SSD (750GB):
 - LUN 1 : AuctionKA, AuctionKB, AuctionKC, AuctionKD for tile 3 (600GB)
 - Fourth PCIe-SSD (3.2TB):
 - LUN 1 : AuctionAppA, AuctionAppB, AuctionAppC for tile 3 (500GB)
 - LUN 2 : NoSQLBenchA, NoSQLBenchB, NoSQLBenchC for tile 3 (500GB)
 - LUN 3 : AuctionWebA, AuctionWebB, AuctionWebC, AuctionWebF for tile 3 (500GB)

Fifth Fujitsu Server (PRIMERGY RX2540 M6) configured as a Fibre Channel Target:

- Hardware details:
 - 2 x Intel Xeon Gold 6334@3.6GHz processors
 - 128 GB RAM (4 x 32GB 2Rx4 3200MHz DDR4 RDIMMs)
 - 2 x QLogic QLE2772 dual port 32Gb FC HBA used as FC target controller
 - 1 x Micron MTFDDAK480TDT 480GB SATA SSD
 - 5 x Intel P4800X 750GB PCIe SSD
 - 1 x Kioxia CM6-V 3.2TB SSD
- Software details:
 - Operating System: SUSE Linux Enterprise Server 15 SP4 - 5.14.21-150400.22-default (64-bit)
 - Fibre Channel Target SW: LIO (part of SUSE Linux Enterprise Server 15 SP4)
- RAID configuration:
 - SATA-SSD 1 (RAID0):
 - LUN 1 : Storage system OS (480GB, this LUN is not counted in the Storage section)
 - First PCIe-SSD (750GB):
 - LUN 1 : SvMotion Target LUN (600GB)
 - Second PCIe-SSD (750GB):
 - LUN 1 : XvMotion Target LUN (600GB)
 - Third PCIe-SSD (750GB):
 - LUN 1 : Depoly LUN (600GB)
 - Fourth PCIe-SSD (750GB):
 - LUN 1 : Csidatastore LUN (600GB)
 - Fifth PCIe-SSD (750GB):
 - LUN 1 : VMmark-4.0.1-208 template VM (600GB)

All LUNs were configured as block devices; no system memory was used for caching.

Server Management Notes

VMware vCenter Server Appliance 8.0 Update 3, Build 24022515 was hosted on Client Host3 which is part of the client cluster

Operating System Notes

VMware ESXi 8.0 U3 Build 24022510 was installed using 'Fujitsu Custom Image for VMware ESXi 8.0U3' named VMware-ESXi-8.0.3.update03-24022510-Fujitsu-v580-1.iso

Software Notes

None

Client Notes

- vSphere DRS Disabled

Client Host ESXi Advanced Settings:

Advanced Setting	Host 1	Host 2	Host 3	Host 4	Host 5	Default
Power.CpuPolicy	Performance	Performance	Performance	Performance	Performance	Balanced
UserVars.HostClientCEIPOptIn	2	2	2	2	2	0

Client Host ESXi Module Options:

Module	Host 1	Host 2	Host 3	Host 4	Host 5	Default
tcpip4	ipv6=1	ipv6=1	ipv6=1	ipv6=1	ipv6=1	ipv6=1

VMware ESXi 8.0 U2 Build 22380479 was installed using 'Fujitsu Custom Image for VMware ESXi 8.0U2' named VMware-ESXi-8.0.2.update02-22380479-Fujitsu-v570-1.iso

Client Host VMs:

- Client Host 1: Client0
- Client Host 2: Client1
- Client Host 3: VCSA-20241107-v8.0U3
- Client Host 4: Client2
- Client Host 5: Client3, primeclient

Client BIOS settings

ClientHost1, 2:

- Active Processor Cores = 40 (default 0)
- Energy Performance = Performance (default Energy Efficient)
- CPU Performance Boost = Aggressive (default Disabled)
- Fan Control = Full (default Auto)

ClientHost3:

- Default settings

ClientHost4, 5:

- Energy Performance = Performance (default Energy Efficient)

Other Notes

None

VMmark4.properties Settings

- LogLevel = DEBUG (default INFO)
- EsxtopCollection = 1 (default 0)
- EsxtopLUN = M6_5_nvme6n1p4 (default None)

Virtual Machines

SUT Host Virtual Machines

VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
AuctionAppA0	4	4	8192	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme6n1p1	Load Network 1	17	12325
AuctionAppA1	4	4	8192	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme6n1p1	Load Network 1	17	12325
AuctionAppA2	4	4	8192	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme6n1p1	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
AuctionAppB0	4	4	8192	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme6n1p1	Load Network 1	17	12325
AuctionAppB1	4	4	8192	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme6n1p1	Load Network 1	17	12325
AuctionAppB2	4	4	8192	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme6n1p1	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
AuctionAppC0	4	4	8192	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme6n1p1	Load Network 1	17	12325
AuctionAppC1	4	4	8192	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme6n1p1	Load Network 1	17	12325
AuctionAppC2	4	4	8192	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme6n1p1	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
AuctionKA0	8	8	32768	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme2n1p1	Load Network 1	17	12325
AuctionKA1	8	8	32768	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme2n1p1	Load Network 1	17	12325
AuctionKA2	8	8	32768	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme2n1p1	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
AuctionKB0	8	8	32768	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme2n1p1	Load Network 1	17	12325
AuctionKB1	8	8	32768	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme2n1p1	Load Network 1	17	12325
AuctionKB2	8	8	32768	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme2n1p1	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
AuctionKC0	8	8	32768	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme2n1p1	Load Network 1	17	12325
AuctionKC1	8	8	32768	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme2n1p1	Load Network 1	17	12325
AuctionKC2	8	8	32768	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme2n1p1	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
AuctionKD0	8	8	32768	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme2n1p1	Load Network 1	17	12325
AuctionKD1	8	8	32768	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme2n1p1	Load Network 1	17	12325
AuctionKD2	8	8	32768	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme2n1p1	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version

AuctionWebA0	4	4	12288	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme6n1p3	Load Network 1	17	12325
AuctionWebA1	4	4	12288	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme6n1p3	Load Network 1	17	12325
AuctionWebA2	4	4	12288	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme6n1p3	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
AuctionWebB0	4	4	12288	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme6n1p3	Load Network 1	17	12325
AuctionWebB1	4	4	12288	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme6n1p3	Load Network 1	17	12325
AuctionWebB2	4	4	12288	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme6n1p3	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
AuctionWebC0	4	4	12288	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme6n1p3	Load Network 1	17	12325
AuctionWebC1	4	4	12288	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme6n1p3	Load Network 1	17	12325
AuctionWebC2	4	4	12288	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme6n1p3	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
AuctionWebDNosql0	4	4	20480	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme1n1p1	Load Network 1	17	12325
AuctionWebDNosql1	4	4	20480	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme1n1p1	Load Network 1	17	12325
AuctionWebDNosql2	4	4	20480	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme1n1p1	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
AuctionWebEDB0	4	4	16384	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme1n1p1	Load Network 1	17	12325
AuctionWebEDB1	4	4	16384	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme1n1p1	Load Network 1	17	12325
AuctionWebEDB2	4	4	16384	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme1n1p1	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
AuctionWebF0	2	2	8192	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme6n1p3	Load Network 1	17	12325
AuctionWebF1	2	2	8192	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme6n1p3	Load Network 1	17	12325
AuctionWebF2	2	2	8192	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme6n1p3	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
DS35DB0	24	24	49152	TRUE	TRUE	Present	0	Unlimited	high	49152	Unlimited	normal	TRUE	TRUE	normal	M6_1_nvme0n1p1	Load Network 1	17	12325
DS35DB1	24	24	49152	TRUE	TRUE	Present	0	Unlimited	high	49152	Unlimited	normal	TRUE	TRUE	normal	M6_2_nvme0n1p1	Load Network 1	17	12325
DS35DB2	24	24	49152	TRUE	TRUE	Present	0	Unlimited	high	49152	Unlimited	normal	TRUE	TRUE	normal	M6_3_nvme0n1p1	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
DS35WebA0	6	6	512	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme0n1p1	Load Network 1	17	12325
DS35WebA1	6	6	512	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme0n1p1	Load Network 1	17	12325
DS35WebA2	6	6	512	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme0n1p1	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
DS35WebB0	6	6	512	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme0n1p1	Load Network 1	17	12325
DS35WebB1	6	6	512	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme0n1p1	Load Network 1	17	12325
DS35WebB2	6	6	512	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme0n1p1	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
DS35WebC0	6	6	512	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme0n1p1	Load Network 1	17	12325
DS35WebC1	6	6	512	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme0n1p1	Load Network 1	17	12325
DS35WebC2	6	6	512	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme0n1p1	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
NoSQLBenchA0	8	8	8192	TRUE	TRUE	Present	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme6n1p2	Load Network 1	17	12325
NoSQLBenchA1	8	8	8192	TRUE	TRUE	Present	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme6n1p2	Load Network 1	17	12325

NoSQLBenchA2	8	8	8192	TRUE	TRUE	Present	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme6n1p2	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
NoSQLBenchB0	8	8	8192	TRUE	TRUE	Present	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme6n1p2	Load Network 1	17	12325
NoSQLBenchB1	8	8	8192	TRUE	TRUE	Present	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme6n1p2	Load Network 1	17	12325
NoSQLBenchB2	8	8	8192	TRUE	TRUE	Present	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme6n1p2	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
NoSQLBenchC0	8	8	8192	TRUE	TRUE	Present	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme6n1p2	Load Network 1	17	12325
NoSQLBenchC1	8	8	8192	TRUE	TRUE	Present	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme6n1p2	Load Network 1	17	12325
NoSQLBenchC2	8	8	8192	TRUE	TRUE	Present	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme6n1p2	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
SocialNetwork0	36	36	16384	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme1n1p1	Load Network 1	17	12325
SocialNetwork1	36	36	16384	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme1n1p1	Load Network 1	17	12325
SocialNetwork2	36	36	16384	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme1n1p1	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
Standby0	1	1	2048	TRUE	TRUE	Present	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	M6_1_nvme1n1p1	Load Network 1	17	12325
Standby1	1	1	2048	TRUE	TRUE	Present	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	M6_2_nvme1n1p1	Load Network 1	17	12325
Standby2	1	1	2048	TRUE	TRUE	Present	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	M6_3_nvme1n1p1	Load Network 1	17	12325
VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
VMmark-4.0.1-208	4	1	32768	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	M6_5_nvme5n1p1	Load Network 1	17	12325

Client Host Virtual Machines

VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
Client0	64	1	98304	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	ClientHost1-OS	Load Network 1	17	12325
Client1	64	1	98304	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	ClientHost2-OS	Load Network 1	17	12325
Client2	64	1	98304	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	ClientHost5-OS	Load Network 1	17	12325
primeclient2	4	1	32768	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	ClientHost6-OS	Load Network 1, VM Network	17	12325
VCSA-20241107-v8.0U3	4	1	21504	FALSE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	VD3-VCSA	VM Network	10	12389

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