VMmark® 4.0.1 Disclosure

Server Vendor & Model: Dell PowerEdge R7725 **Storage Vendor & Model: Dell PowerStore 5000T** **Hypervisor: VMware ESXi 8.0 Update 3, Build 24022510** **Server Management Software: VMware vCenter Server 8.0 Update 3, Build 24022515**	**Non-compliant**

Number of Hosts: 2	**Uniform Hosts: yes**	**Total sockets/cores/threads in test: 4/768/1536**
Tested By: Dell Technologies	**Test Date: 09-17-2024**	**SUT Availability Date: 11-19-2024**

Performance Section	Configuration Section	Notes Section	Virtual Machines Section
Performance	Configuration	Notes for Workload	Virtual Machines

It has been determined that this result was not in compliance with the VMmark Run and Reporting Rules. This result did not meet public availability requirements and therefore was not in compliance with section 3.2.8 of the Run and Reporting Rules.

Performance

TILE_0_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby
p0										
p1										
p2										

TILE_0_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0											
p1											
p2											

TILE_0_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC
p0								
p1								
p2								

TILE_1_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby
p0										
p1										
p2										

TILE_1_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0											

p1											
p2											
TILE_1_QoS	**WVAuctionVM%**	**WVAuctionK8S%**	**DVDStoreA**	**DVDStoreB**	**DVDStoreC**	**NoSQLBenchA**	**NoSQLBenchB**	**NoSQLBenchC**			
p0											
p1											
p2											
TILE_2_Scores	**WVAuctionVM**	**WVAuctionK8S**	**DVDStoreA**	**DVDStoreB**	**DVDStoreC**	**NoSQLBenchA**	**NoSQLBenchB**	**NoSQLBenchC**	**SocialNetwork**	**Standby**	
p0											
p1											
p2											
TILE_2_Ratios	**WVAuctionVM**	**WVAuctionK8S**	**DVDStoreA**	**DVDStoreB**	**DVDStoreC**	**NoSQLBenchA**	**NoSQLBenchB**	**NoSQLBenchC**	**SocialNetwork**	**Standby**	**Geo.Mean**
p0											
p1											
p2											
TILE_2_QoS	**WVAuctionVM%**	**WVAuctionK8S%**	**DVDStoreA**	**DVDStoreB**	**DVDStoreC**	**NoSQLBenchA**	**NoSQLBenchB**	**NoSQLBenchC**			
p0											
p1											
p2											
TILE_3_Scores	**WVAuctionVM**	**WVAuctionK8S**	**DVDStoreA**	**DVDStoreB**	**DVDStoreC**	**NoSQLBenchA**	**NoSQLBenchB**	**NoSQLBenchC**	**SocialNetwork**	**Standby**	
p0											
p1											
p2											
TILE_3_Ratios	**WVAuctionVM**	**WVAuctionK8S**	**DVDStoreA**	**DVDStoreB**	**DVDStoreC**	**NoSQLBenchA**	**NoSQLBenchB**	**NoSQLBenchC**	**SocialNetwork**	**Standby**	**Geo.Mean**
p0											
p1											
p2											
TILE_3_QoS	**WVAuctionVM%**	**WVAuctionK8S%**	**DVDStoreA**	**DVDStoreB**	**DVDStoreC**	**NoSQLBenchA**	**NoSQLBenchB**	**NoSQLBenchC**			
p0											
p1											
p2											
TILE_4_Scores	**WVAuctionVM**	**WVAuctionK8S**	**DVDStoreA**	**DVDStoreB**	**DVDStoreC**	**NoSQLBenchA**	**NoSQLBenchB**	**NoSQLBenchC**	**SocialNetwork**	**Standby**	
p0											

p1											
p2											
TILE_4_Ratios	**WVAuctionVM**	**WVAuctionK8S**	**DVDStoreA**	**DVDStoreB**	**DVDStoreC**	**NoSQLBenchA**	**NoSQLBenchB**	**NoSQLBenchC**	**SocialNetwork**	**Standby**	**Geo.Mean**
p0											
p1											
p2											
TILE_4_QoS	**WVAuctionVM%**	**WVAuctionK8S%**	**DVDStoreA**	**DVDStoreB**	**DVDStoreC**	**NoSQLBenchA**	**NoSQLBenchB**	**NoSQLBenchC**			
p0											
p1											
p2											
TILE_5_Scores	**WVAuctionVM**	**WVAuctionK8S**	**DVDStoreA**	**DVDStoreB**	**DVDStoreC**	**NoSQLBenchA**	**NoSQLBenchB**	**NoSQLBenchC**	**SocialNetwork**	**Standby**	
p0											
p1											
p2											
TILE_5_Ratios	**WVAuctionVM**	**WVAuctionK8S**	**DVDStoreA**	**DVDStoreB**	**DVDStoreC**	**NoSQLBenchA**	**NoSQLBenchB**	**NoSQLBenchC**	**SocialNetwork**	**Standby**	**Geo.Mean**
p0											
p1											
p2											
TILE_5_QoS	**WVAuctionVM%**	**WVAuctionK8S%**	**DVDStoreA**	**DVDStoreB**	**DVDStoreC**	**NoSQLBenchA**	**NoSQLBenchB**	**NoSQLBenchC**			
p0											
p1											
p2											
p0_score:	**NC**										
p1_score:	**NC**										
p2_score:	**NC**										

Infrastructure_Operations_Scores:	**vMotion**	**SVMotion**	**XVMotion**	**Deploy**
Completed_Ops_PerHour	**NC**	**NC**	**NC**	**NC**
Avg_Seconds_To_Complete	**NC**	**NC**	**NC**	**NC**
Failures	**NC**	**NC**	**NC**	**NC**
Ratio	**NC**	**NC**	**NC**	**NC**
Number_Of_Threads	**NC**	**NC**	**NC**	**NC**

Summary	Run_Is_Compliant	Median_Phase(p1)

Unreviewed_VMmark4_Applications_Score	**NC**
Unreviewed_VMmark4_Infrastructure_Score	**NC**
Unreviewed_VMmark4_Score	**NC**

Configuration

Virtualization Software	
Hypervisor Vendor, Product, Version, and Build / Availability Date (MM-DD-YYYY)	VMware ESXi 8.0 Update 3, Build 24022510 / 06-25-2024
Server Management Software Vendor, Product, Version, and Build / Availability Date (MM-DD-YYYY)	VMware vCenter Server 8.0 Update 3, Build 24022515 / 06-25-2024
Supplemental Software	None
Servers	
Number of Servers in System Under Test (all subsequent fields in this section are per Server)	2
Server Manufacturer and Model	Dell PowerEdge R7725
Processor Vendor and Model	AMD EPYC 9965
Processor Speed (GHz) / Turbo Boost Speed (GHz)	2.25 GHz / 3.7 GHz
Total Sockets/Total Cores/Total Threads	2 Sockets / 384 Cores / 768 Threads
NUMA Nodes	2
BIOS Version	0.2.4 [X-REV]
Memory Size (in GB, Number of DIMMs)	Physical Memory (BIOS): 2304 GB Physical Memory (ESXi): 2304 GB Number of DIMMs: 24

Location	Size	Speed	Max Speed	Rank	Type	Detail
A1	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
A2	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
A3	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
A4	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
A5	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
A6	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
A7	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
A8	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered

Memory Type and Speed	

A9	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
A10	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
A11	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
A12	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
B1	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
B2	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
B3	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
B4	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
B5	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
B6	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
B7	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
B8	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
B9	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
B10	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
B11	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
B12	96 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered

Number of SAS Devices	0
SAS Device Vendors and Models	None
Number of Virtual Host Bus Adapters	0
Virtual Host Bus Adapter Vendors and Models	None
Power Supply Quantity, Name/Part Number, Wattage, Firmware, and Type (Voltage, AC/DC)	2, Dell Technologies, 1PKMH, 1500W, 1308, 230V, 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)	11-19-2024
Hardware Availability Date (MM-DD-YYYY)	11-19-2024
Software Availability Date (MM-DD-YYYY)	06-25-2024
Network	
Number of Virtual Network Controllers	6

Device	Speed	Duplex	MTU	Firmware	Driver	Description

vmnic0	100 Gbps	Full	9000	229.2.62.0 /pkg 22.92.07.50	bnxtnet	Broadcom NetXtreme-E P2100D BCM57508 2x100G QSFP PCIE Ethernet
vmnic1	100 Gbps	Full	9000	229.2.62.0 /pkg 22.92.07.50	bnxtnet	Broadcom NetXtreme-E P2100D BCM57508 2x100G QSFP PCIE Ethernet
vmnic2	25 Gbps	Full	9000	229.2.62.0 /pkg 22.92.07.50	bnxtnet	Broadcom NetXtreme E-Series Quad-port 25Gb OCP 3.0 Ethernet Adapter
vmnic3	25 Gbps	Full	9000	229.2.62.0 /pkg 22.92.07.50	bnxtnet	Broadcom NetXtreme E-Series Quad-port 25Gb OCP 3.0 Ethernet Adapter
vmnic4	25 Gbps	Full	9000	229.2.62.0 /pkg 22.92.07.50	bnxtnet	Broadcom NetXtreme E-Series Quad-port 25Gb OCP 3.0 Ethernet Adapter
vmnic5	25 Gbps	Full	9000	229.2.62.0 /pkg 22.92.07.50	bnxtnet	Broadcom NetXtreme E-Series Quad-port 25Gb OCP 3.0 Ethernet Adapter

Virtual Network Controllers, Speeds, MTUs, Firmware, Drivers, Vendors, and Models

Number of Virtual Switches: 4

Virtual Switches, Ports, Port Groups, MTUs, and Uplinks

Switch	Ports	Configured Ports	MTU	Uplinks
vSwitch0	9216	128	9000	vmnic2, vmnic3
vSwitch1	9216	128	9000	vmnic1
vSwitch2	9216	128	9000	vmnic4, vmnic5
vSwitch3	9216	128	9000	vmnic0

Switch	Port Group	VLAN ID	Uplinks
vSwitch0	Management Network	0	vmnic2, vmnic3
vSwitch0	VMNetwork	0	vmnic2, vmnic3
vSwitch1	NVMe over TCP	0	vmnic1
vSwitch2	VMNetwork2	0	vmnic4, vmnic5
vSwitch3	vMotion	0	vmnic0

VMkernel Network Adapters, Port Groups, MTUs, TCP/IP Stacks, and Services

Device	Port Group/DVPort	MTU	TCP/IP Stack	Services
vmk0	Management Network	9000	Default	Management
vmk1	vMotion	9000	Default	vMotion
vmk2	NVMe over TCP	9000	Default	NVMeTCP

Physical Switch Vendors, Models, and Speeds: Dell PowerSwitch Z9264F-ON 100Gb

Primary Storage

Storage Category: NVMe over TCP

Datastores	Type	Size	Storage Device
Deploy	VMFS-6	2.2 TB	NVMe TCP Disk

Datastores	

OSDATA-66da37ca-bc7dd97c-4b27-00620b21fc50	VMFSOS	128.6 GB	Local NVMe Disk
Tile0	VMFS-6	3.3 TB	NVMe TCP Disk
Tile1	VMFS-6	3.3 TB	NVMe TCP Disk
Tile2	VMFS-6	3.3 TB	NVMe TCP Disk
Tile3	VMFS-6	3.3 TB	NVMe TCP Disk
Tile4	VMFS-6	3.3 TB	NVMe TCP Disk
Tile5	VMFS-6	3.3 TB	NVMe TCP Disk
svmotion	VMFS-6	2.2 TB	NVMe TCP Disk
xvmotion	VMFS-6	2.2 TB	NVMe TCP Disk

Number of Storage Devices	11
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
NVMe TCP Disk	2.2 TB	Direct-Access	NVMe	dellemc-powerstore	3.6.0.0	LB-IOPS	iops=1	1
NVMe TCP Disk	2.2 TB	Direct-Access	NVMe	dellemc-powerstore	3.6.0.0	LB-IOPS	iops=1	1
NVMe TCP Disk	2.2 TB	Direct-Access	NVMe	dellemc-powerstore	3.6.0.0	LB-IOPS	iops=1	1
Local NVMe Disk (Boot Device)	3.2 TB	Direct-Access	NVMe	Dell NVMe PM1745 MU E3.S 3.2TB	1.0.1	FIXED	preferred=none	1
NVMe TCP Disk	3.3 TB	Direct-Access	NVMe	dellemc-powerstore	3.6.0.0	LB-IOPS	iops=1	1
NVMe TCP Disk	3.3 TB	Direct-Access	NVMe	dellemc-powerstore	3.6.0.0	LB-IOPS	iops=1	1
NVMe TCP Disk	3.3 TB	Direct-Access	NVMe	dellemc-powerstore	3.6.0.0	LB-IOPS	iops=1	1
NVMe TCP Disk	3.3 TB	Direct-Access	NVMe	dellemc-powerstore	3.6.0.0	LB-IOPS	iops=1	1
NVMe TCP Disk	3.3 TB	Direct-Access	NVMe	dellemc-powerstore	3.6.0.0	LB-IOPS	iops=1	1
NVMe TCP Disk	3.3 TB	Direct-Access	NVMe	dellemc-powerstore	3.6.0.0	LB-IOPS	iops=1	1
NVMe TCP Disk	3.3 TB	Direct-Access	NVMe	dellemc-powerstore	3.6.0.0	LB-IOPS	iops=1	1

How Datastores Map to Storage Devices	See detailed storage notes

VMware vSAN Configuration (if used)	None
RAID Configuration (if used)	None

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

Clients

Total Client VMs (including Prime Client)	7
Number of Client Hosts (all subsequent fields in this section are per Client Host)	2
System Model(s)	• Client Host 1: Dell PowerEdge R7625 • Client Host 2: Dell PowerEdge R7625
Processor Vendor(s) and Model(s)	• Client Host 1: AMD EPYC 9754 • Client Host 2: AMD EPYC 9754
Processor Speed(s) (GHz)	• Client Host 1: 2.25 GHz • Client Host 2: 2.25 GHz

Total Sockets/Total Cores/Total Threads

Client Host	Sockets	Cores	Threads
Client Host 1	2	256	512
Client Host 2	2	256	512
Total	4	512	1024

NUMA Nodes

- Client Host 1: 2
- Client Host 2: 2

Memory Size (in GB) per Client Host

Client Host	BIOS	ESXi
Client Host 1	3072 GB	3072 GB
Client Host 2	3072 GB	3072 GB

Virtual Network Controllers, Speeds, MTUs, Firmware, Drivers, Vendors, and Models

Client Host	Device	Speed	Duplex	MTU	Firmware	Driver	Description
Client Host 1	**vmnic0**	1 Gbps	Full	1500	bc 1.39 ncsi 1.5.53.0	ntg3	Broadcom Corporation NetXtreme BCM5720 Gigabit Ethernet
	vmnic2	25 Gbps	Full	9000	229.2.52.0 /pkg 22.92.06.10	bnxtnet	Broadcom NetXtreme E-Series Advanced Dual-port 25Gb SFP28 Ethernet OCP 3.0 Adapter
	vmnic3	25 Gbps	Full	9000	229.2.52.0 /pkg 22.92.06.10	bnxtnet	Broadcom NetXtreme E-Series Advanced Dual-port 25Gb SFP28 Ethernet OCP 3.0 Adapter
	vmnic4	100 Gbps	Full	9000	229.2.54.0 /pkg 22.92.06.10	bnxtnet	Broadcom NetXtreme-E P2100D BCM57508 2x100G QSFP PCIE Ethernet
	vmnic5	100 Gbps	Full	9000	229.2.54.0 /pkg 22.92.06.10	bnxtnet	Broadcom NetXtreme-E P2100D BCM57508 2x100G QSFP PCIE Ethernet
	vmnic0	1 Gbps	Full	1500	bc 1.39 ncsi 1.5.53.0	ntg3	Broadcom Corporation NetXtreme BCM5720 Gigabit Ethernet

Client Host 2	**vmnic2**	25 Gbps	Full	9000	229.2.52.0 /pkg 22.92.06.10	bnxtnet	Broadcom NetXtreme E-Series Advanced Dual-port 25Gb SFP28 Ethernet OCP 3.0 Adapter
	vmnic3	25 Gbps	Full	9000	229.2.52.0 /pkg 22.92.06.10	bnxtnet	Broadcom NetXtreme E-Series Advanced Dual-port 25Gb SFP28 Ethernet OCP 3.0 Adapter
	vmnic4	100 Gbps	Full	9000	229.2.54.0 /pkg 22.92.06.10	bnxtnet	Broadcom NetXtreme-E P2100D BCM57508 2x100G QSFP PCIE Ethernet
	vmnic5	100 Gbps	Full	9000	229.2.54.0 /pkg 22.92.06.10	bnxtnet	Broadcom NetXtreme-E P2100D BCM57508 2x100G QSFP PCIE Ethernet

Virtual Switches, Ports, Port Groups, MTUs, and Uplinks

Client Host	Switch	Ports	Configured Ports	MTU	Uplinks
Client Host 1	**vSwitch0**	9216	128	9000	vmnic4
	vSwitch1	9216	128	9000	vmnic5
	vSwitch2	9216	128	1500	vmnic0
	vSwitch3	9216	128	9000	vmnic2, vmnic3
Client Host 2	**vSwitch0**	9216	128	9000	vmnic4
	vSwitch1	9216	128	9000	vmnic5
	vSwitch2	9216	128	9000	vmnic2, vmnic3

Client Host	Switch	Port Group	VLAN ID	Uplinks
Client Host 1	**vSwitch0**	Management Network	0	vmnic4
	vSwitch0	VMNetwork	0	vmnic4
	vSwitch1	NVMe over TCP	0	vmnic5
	vSwitch2	VAAI	0	vmnic0
	vSwitch3	VMNetwork2	0	vmnic2, vmnic3
Client Host 2	**vSwitch0**	Management Network	0	vmnic4
	vSwitch0	VMNetwork	0	vmnic4
	vSwitch1	NVMe over TCP	0	vmnic5
	vSwitch2	VMNetwork2	0	vmnic2, vmnic3

VMkernel Network Adapters, Port Groups, MTUs, TCP/IP Stacks, and Services

Client Host	Device	Port Group/DVPort	MTU	TCP/IP Stack	Services
Client Host 1	**vmk0**	Management Network	9000	Default	Management
	vmk1	NVMe over TCP	9000	Default	NVMeTCP
Client Host 2	**vmk0**	Management Network	9000	Default	Management
	vmk1	NVMe over TCP	9000	Default	NVMeTCP

Client Storage Notes	See Client Notes Section

Other Hardware	None
Other Software	VMware ESXi 8.0 Update 3, Build 24022510

Notes for Workload

Template deployed with disk type: Thick Eager

Virtualization Software Notes

- vSphere DRS Enabled
- vSphere DRS Automation Level set to Fully Automated
- vSphere DRS Migration Threshold set to 2
- Logical CPU layout changed for all multi-CPU VMs to 1 socket with multiple cores (default single core per socket) except Prime Client, Template, Client and AuctionK* VMs
- Logging was disabled for all VMs except Prime Client (default enabled)
- All DS35DB VMs had CPU shares set to High (default Normal)
- All DS35DB VMs had Memory shares set to High (default Normal)
- All memory reserved (LockedToMax) for all DS35DB VMs
- All Standby VMs had CPU shares set to Low (default Normal)
- sched.mem.lpage.enable1GPage set to TRUE for all DS35DB VMs (default FALSE)
- CD/DVD device was removed from all VMs except Prime Client (default present)

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.LTermFairnessInterval	0	0	5
Numa.LocalityWeightActionAffinity	0	0	130
Numa.MigImbalanceThreshold	57	57	10
Numa.PageMigEnable	0	0	1
Numa.RebalancePeriod	60000	60000	2000
Numa.SwapLoadEnable	0	0	1
Numa.SwapLocalityEnable	0	0	1

Power.CpuPolicy	Performance	Performance	Balanced
UserVars.HostClientCEIPOptIn	2	2	0
UserVars.SuppressShellWarning	1	1	0

SUT Host ESXi Module Options:

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

Server Notes

Server BIOS Settings:

- System Profile Settings : Performance (default Performance per Watt(OS))
- Thermal Profile : Max Performance (default Default Thermal Profile Settings)
- Multi-segment Enable : Disabled (default Enabled)

Networking Notes

SUTs:

- vSwitch0 : Management Network (vmk0) and vMotion (vmk1) using vmnic0
- vSwitch1 : NVMe over TCP (vmk2) using vmnic 1
- vSwitch2 : VMNetwork2 for VM traffic using vmnic2, vmnic3, vmnic4 and vmnic5
  All vSwitches vmk0,vmk1,vmk2 and vmnic0-vmnic5 set to MTU 9000

ClientHost1:

- vSwitch0 : Management Network (vmk0) and VMNetwork using vmnic4
- vSwitch1 : NVMe over TCP (vmk1) using vmnic 5
- vSwitch2 : VAAI to connect to PowerStore using vmnic0
- vSwitch3 : VMNetwork2 using vmnic2 and vmnic3
  All vSwitches (except vSwitch2) vmk0, vmk1 and vmnic0, vmnic2-vmnic5 set to MTU 9000

ClientHost2:

- vSwitch0 : Management Network (vmk0) and VMNetwork using vmnic4
- vSwitch1 : NVMe over TCP (vmk2) using vmnic 5
- vSwitch2 : VMNetwork2 using vmnic2 and vmnic3
  All vSwitches, vmk0, vmk1 and vmnic2-vmnic5 set to MTU 9000

Storage Notes

- Primary Storage : Dell PowerStore 5000T, Software Version :3.6.0.0, Build 2145637
- Drives used in Dell PowerStore 5000T : 16 x 7.7TB NVMe SSD + 5 x 3.84TB NVMe SSD
- NVMe over TCP was used for connectivity to the LUNs in Powerstore 5000T
- Claim rules were used to change the Path Selection Policy to LB-IOPS and iops=1
- Template was located on the Deploy Datastore which was created on the PowerStore for Deploy operations (Deploy : 2TB)
- On both SUT hosts Dell Customized VMware ESXi 8.0 Update 3 was installed on Dell NVMe PM1745 MU E3.S 3.2TB

- On both Client hosts, VMware ESXi 8.0 Update 3 was installed on Dell NVMe PE8010 RI M.2 960GB (RAID 1)

Server Management Notes

VMware vCenter Server 8.0 Update 3, Build 24022515 was hosted as a VM on ClientHost1

Operating System Notes

SUT Host ESXi Image Profile: DEL-ESXi_803.24022510-X71

Software Notes

None

Client Notes

- vSphere DRS Disabled

Client Host BIOS settings:

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

Client 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.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

Client Host ESXi Module Options:

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

Client Host ESXi Image Profile: DEL-ESXi_803.24022510-A00

Client Host VMs:

- Client Host 1: Client0, Client2, Client4, Client5, VMware vCenter Server
- Client Host 2: Client1, Client3, Prime Client

Other Notes

None

VMmark4.properties Settings

- Default Settings

Virtual Machines

SUT Host Virtual Machines

VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
AuctionAppA0	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
AuctionAppA1	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
AuctionAppA2	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
AuctionAppA3	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
AuctionAppA4	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
AuctionAppA5	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	17	12325
VM	**vCPUs**	**Cores Per Socket**	**Memory (MB)**	**Sync Time**	**Logging**	**CD/DVD**	**CPU Res**	**CPU Limit**	**CPU Shares**	**Mem Res**	**Mem Limit**	**Mem Shares**	**Mem Pin**	**Mem 1G Page**	**Disk Shares**	**Datastore**	**Port Group**	**vHW Version**	**Tools Version**
AuctionAppB0	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325

AuctionAppB1	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
AuctionAppB2	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
AuctionAppB3	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
AuctionAppB4	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
AuctionAppB5	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	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	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
AuctionAppC1	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
AuctionAppC2	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
AuctionAppC3	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
AuctionAppC4	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
AuctionAppC5	4	4	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	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	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
AuctionKA1	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
AuctionKA2	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
AuctionKA3	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
AuctionKA4	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
AuctionKA5	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	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	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
AuctionKB1	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
AuctionKB2	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
AuctionKB3	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
AuctionKB4	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
AuctionKB5	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	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	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
AuctionKC1	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
AuctionKC2	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325

AuctionKC3	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
AuctionKC4	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
AuctionKC5	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	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	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
AuctionKD1	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
AuctionKD2	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
AuctionKD3	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
AuctionKD4	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
AuctionKD5	8	1	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	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	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
AuctionWebA1	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
AuctionWebA2	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
AuctionWebA3	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
AuctionWebA4	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
AuctionWebA5	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	17	12325
VM	**vCPUs**	**Cores Per Socket**	**Memory (MB)**	**Sync Time**	**Logging**	**CD/DVD**	**CPU Res**	**CPU Limit**	**CPU Shares**	**Mem Res**	**Mem Limit**	**Mem Shares**	**Mem Pin**	**Mem 1G Page**	**Disk Shares**	**Datastore**	**Port Group**	**vHW Version**	**Tools Version**
AuctionWebB0	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
AuctionWebB1	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
AuctionWebB2	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
AuctionWebB3	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
AuctionWebB4	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
AuctionWebB5	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	17	12325
VM	**vCPUs**	**Cores Per Socket**	**Memory (MB)**	**Sync Time**	**Logging**	**CD/DVD**	**CPU Res**	**CPU Limit**	**CPU Shares**	**Mem Res**	**Mem Limit**	**Mem Shares**	**Mem Pin**	**Mem 1G Page**	**Disk Shares**	**Datastore**	**Port Group**	**vHW Version**	**Tools Version**
AuctionWebC0	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
AuctionWebC1	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
AuctionWebC2	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
AuctionWebC3	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325

AuctionWebC4	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
AuctionWebC5	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	17	12325
VM	**vCPUs**	**Cores Per Socket**	**Memory (MB)**	**Sync Time**	**Logging**	**CD/DVD**	**CPU Res**	**CPU Limit**	**CPU Shares**	**Mem Res**	**Mem Limit**	**Mem Shares**	**Mem Pin**	**Mem 1G Page**	**Disk Shares**	**Datastore**	**Port Group**	**vHW Version**	**Tools Version**
AuctionWebDNosql0	4	4	20480	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
AuctionWebDNosql1	4	4	20480	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
AuctionWebDNosql2	4	4	20480	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
AuctionWebDNosql3	4	4	20480	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
AuctionWebDNosql4	4	4	20480	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
AuctionWebDNosql5	4	4	20480	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	17	12325
VM	**vCPUs**	**Cores Per Socket**	**Memory (MB)**	**Sync Time**	**Logging**	**CD/DVD**	**CPU Res**	**CPU Limit**	**CPU Shares**	**Mem Res**	**Mem Limit**	**Mem Shares**	**Mem Pin**	**Mem 1G Page**	**Disk Shares**	**Datastore**	**Port Group**	**vHW Version**	**Tools Version**
AuctionWebEDB0	4	4	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
AuctionWebEDB1	4	4	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
AuctionWebEDB2	4	4	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
AuctionWebEDB3	4	4	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
AuctionWebEDB4	4	4	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
AuctionWebEDB5	4	4	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	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	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
AuctionWebF1	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
AuctionWebF2	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
AuctionWebF3	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
AuctionWebF4	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
AuctionWebF5	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	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	FALSE	Removed	0	Unlimited	high	49152	Unlimited	high	TRUE	TRUE	normal	Tile0	VMNetwork2	17	12325
DS35DB1	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	high	TRUE	TRUE	normal	Tile1	VMNetwork2	17	12325
DS35DB2	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	high	TRUE	TRUE	normal	Tile2	VMNetwork2	17	12325
DS35DB3	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	high	TRUE	TRUE	normal	Tile3	VMNetwork2	17	12325
DS35DB4	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	high	TRUE	TRUE	normal	Tile4	VMNetwork2	17	12325
DS35DB5	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	high	TRUE	TRUE	normal	Tile5	VMNetwork2	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	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
DS35WebA1	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
DS35WebA2	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
DS35WebA3	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
DS35WebA4	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
DS35WebA5	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	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	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
DS35WebB1	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
DS35WebB2	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
DS35WebB3	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
DS35WebB4	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
DS35WebB5	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	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	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
DS35WebC1	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
DS35WebC2	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
DS35WebC3	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
DS35WebC4	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
DS35WebC5	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	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	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
NoSQLBenchA1	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
NoSQLBenchA2	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
NoSQLBenchA3	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
NoSQLBenchA4	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
NoSQLBenchA5	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	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	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
NoSQLBenchB1	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
NoSQLBenchB2	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
NoSQLBenchB3	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
NoSQLBenchB4	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
NoSQLBenchB5	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	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	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
NoSQLBenchC1	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
NoSQLBenchC2	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
NoSQLBenchC3	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
NoSQLBenchC4	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
NoSQLBenchC5	8	8	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	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	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
SocialNetwork1	36	36	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
SocialNetwork2	36	36	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
SocialNetwork3	36	36	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
SocialNetwork4	36	36	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
SocialNetwork5	36	36	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	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	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	Tile0	VMNetwork2	17	12325
Standby1	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	Tile1	VMNetwork2	17	12325
Standby2	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	Tile2	VMNetwork2	17	12325
Standby3	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	Tile3	VMNetwork2	17	12325
Standby4	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	Tile4	VMNetwork2	17	12325
Standby5	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	Tile5	VMNetwork2	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	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Deploy	VMNetwork2	17	12325

Client Host Virtual Machines

VM	vCPUs	Cores Per Socket	Memory (MB)	Sync Time	Logging	CD/DVD	CPU Res	CPU Limit	CPU Shares	Mem Res	Mem Limit	Mem Shares	Mem Pin	Mem 1G Page	Disk Shares	Datastore	Port Group	vHW Version	Tools Version
Client0	64	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client_Datastore	VMNetwork2	17	12325
Client1	64	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client_Datastore	VMNetwork2	17	12325
Client2	64	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client_Datastore	VMNetwork2	17	12325
Client3	64	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client_Datastore	VMNetwork2	17	12325
Client4	64	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client_Datastore	VMNetwork2	17	12325
Client5	64	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client_Datastore	VMNetwork2	17	12325
Prime Client	4	1	32768	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client_Datastore	VMNetwork, VMNetwork2	17	12325
VMware vCenter Server	8	1	30720	FALSE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client_Datastore	VMNetwork, VMNetwork, VAAI	10	12389

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