

VMmark [®] 4.0.2 Disclosure											
Server Vendor & Model: HPE ProLiant DL385 Gen11 Storage Vendor & Model: VMware vSAN 8.0 Update 3 ESA - All Flash Hypervisor: VMware ESXi 8.0 Update 3, Build 24022510 Server Management Software: VMware vCenter Server 8.0 Update 3d, Build 24322831						VMmark 4.0.2 Score = 10.52 @ 13 Tiles					
Number of Hosts: 4			Uniform Hosts: yes				Total sockets/cores/threads in test: 8/1280/2560				
Tested By: Hewlett Packard Enterprise			Test Date: 11-29-2024				SUT Availability Date: 01-06-2025				
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	14148.29	9313.44	2751.90	2067.20	1542.88	65284.62	65284.50	65283.17	68.62	1.00	
p1	14143.93	9304.64	2701.47	1875.88	1296.72	60946.70	60947.24	60945.69	66.78	1.00	
p2	14124.28	9231.90	2719.40	2034.60	1531.47	57755.38	57755.04	57754.81	65.30	1.00	
TILE_0_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0	1.01	1.01	0.95	0.96	1.01	1.16	1.16	1.16	0.95	1.00	1.04
p1	1.01	1.01	0.93	0.87	0.85	1.08	1.08	1.08	0.93	1.00	0.98
p2	1.01	1.00	0.94	0.95	1.00	1.02	1.02	1.02	0.91	1.00	0.98
TILE_0_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC			
p0	0.39 0.07	0.32 0.00	525.80	579.62	644.65	0.54	0.55	0.54			
p1	0.44 0.06	0.34 0.00	565.09	641.10	736.85	0.61	0.61	0.61			
p2	0.63 0.19	0.39 0.00	545.87	608.37	664.91	0.62	0.62	0.62			
TILE_1_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	
p0	14170.79	9252.30	2849.88	2094.85	1563.55	71101.80	71103.91	71101.91	68.82	1.00	
p1	14174.07	9247.42	2816.62	2082.47	1499.67	64833.81	64832.31	64832.71	66.47	1.00	
p2	14153.54	9237.00	2805.25	2037.20	1512.83	61175.95	61176.89	61176.64	64.88	1.00	
TILE_1_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0	1.01	1.01	0.98	0.97	1.02	1.26	1.26	1.26	0.96	1.00	1.07
p1	1.01	1.01	0.97	0.97	0.98	1.15	1.15	1.15	0.92	1.00	1.03
p2	1.01	1.00	0.97	0.95	0.99	1.08	1.08	1.08	0.90	1.00	1.01
TILE_1_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC			
p0	0.28 0.04	0.24 0.00	455.47	497.32	540.21	0.54	0.54	0.55			
p1	0.35 0.05	0.25 0.00	479.83	504.07	536.28	0.57	0.57	0.57			
p2	0.45 0.13	0.28 0.01	486.14	544.87	602.40	0.57	0.57	0.57			

TILE_2_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	
p0	14151.90	9253.13	2842.20	2022.05	1496.75	59728.68	59729.63	59729.05	71.37	1.00	
p1	14115.25	9235.12	2766.45	2104.05	1488.30	55514.77	55515.16	55514.93	69.25	1.00	
p2	14133.13	9244.78	2808.45	1944.47	1443.12	52491.68	52491.91	52491.68	67.86	1.00	
TILE_2_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0	1.01	1.01	0.98	0.94	0.98	1.06	1.06	1.06	0.99	1.00	1.01
p1	1.01	1.00	0.95	0.98	0.97	0.98	0.98	0.98	0.96	1.00	0.98
p2	1.01	1.00	0.97	0.90	0.94	0.93	0.93	0.93	0.94	1.00	0.95
TILE_2_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC			
p0	0.64 0.06	0.50 0.01	460.30	498.51	543.53	0.61	0.61	0.61			
p1	0.79 0.13	0.53 0.00	516.07	552.62	637.52	0.70	0.70	0.70			
p2	0.75 0.12	0.52 0.02	485.00	568.16	615.61	0.69	0.69	0.69			
TILE_3_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	
p0	14132.41	9267.01	2830.85	2015.22	1424.53	57877.43	57877.04	57877.00	66.31	1.00	
p1	14116.67	9234.54	2723.30	2083.68	1571.10	54612.92	54612.62	54611.88	65.20	1.00	
p2	14119.86	9237.32	2698.30	1918.38	1346.95	52225.53	52225.31	52225.16	64.81	1.00	
TILE_3_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0	1.01	1.01	0.98	0.94	0.93	1.02	1.02	1.02	0.92	1.00	0.98
p1	1.01	1.00	0.94	0.97	1.03	0.97	0.97	0.97	0.91	1.00	0.97
p2	1.01	1.00	0.93	0.89	0.88	0.92	0.92	0.92	0.90	1.00	0.93
TILE_3_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC			
p0	0.70 0.10	0.54 0.01	469.40	505.89	550.89	0.62	0.62	0.62			
p1	0.74 0.14	0.60 0.01	542.12	572.14	623.22	0.66	0.65	0.66			
p2	0.88 0.22	0.67 0.01	562.13	592.92	645.71	0.69	0.69	0.69			
TILE_4_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	
p0	14142.37	9243.73	2875.93	2126.70	1508.62	57920.35	57919.19	57919.85	67.98	1.00	
p1	14099.56	9271.63	2847.50	2103.45	1567.12	54841.40	54840.64	54840.86	65.76	1.00	
p2	14138.86	9242.48	2828.28	2030.88	1475.65	52527.90	52527.49	52527.58	64.66	1.00	
TILE_4_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0	1.01	1.00	0.99	0.99	0.99	1.03	1.03	1.03	0.94	1.00	1.00
p1	1.01	1.01	0.98	0.98	1.02	0.97	0.97	0.97	0.91	1.00	0.98
p2	1.01	1.00	0.98	0.94	0.96	0.93	0.93	0.93	0.90	1.00	0.95
TILE_4_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC			
p0	0.66 0.04	0.57 0.01	437.88	465.43	522.28	0.61	0.61	0.61			
p1	0.83 0.11	0.57 0.00	448.23	480.93	531.19	0.66	0.66	0.66			
p2	0.80 0.09	0.57 0.01	468.53	544.56	564.59	0.69	0.69	0.69			
TILE_5_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	

p0	14148.41	9315.25	2800.03	2065.60	1543.75	57762.36	57761.77	57762.05	71.81	1.00	
p1	14142.41	9233.45	2708.32	1989.70	1417.53	54455.73	54456.37	54455.62	70.03	1.00	
p2	14092.56	9228.58	2716.18	1983.53	1453.33	52051.07	52050.73	52051.26	68.10	1.00	
TILE_5_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0	1.01	1.01	0.97	0.96	1.01	1.02	1.02	1.02	1.00	1.00	1.00
p1	1.01	1.00	0.93	0.93	0.93	0.96	0.96	0.96	0.97	1.00	0.96
p2	1.01	1.00	0.94	0.92	0.95	0.92	0.92	0.92	0.95	1.00	0.95
TILE_5_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC			
p0	0.66 0.06	0.48 0.00	481.40	520.13	561.22	0.62	0.62	0.62			
p1	0.66 0.07	0.51 0.00	547.15	591.10	647.45	0.67	0.67	0.68			
p2	0.74 0.15	0.55 0.00	546.49	600.98	677.97	0.70	0.70	0.70			
TILE_6_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	
p0	14139.79	9248.47	2840.20	2091.50	1570.95	56995.74	56995.58	56995.95	66.82	1.00	
p1	14104.67	9298.46	2769.05	2053.72	1459.88	53957.21	53957.13	53956.96	65.69	1.00	
p2	14104.08	9238.06	2839.70	2035.22	1550.10	51380.38	51380.29	51380.34	65.00	1.00	
TILE_6_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0	1.01	1.01	0.98	0.97	1.03	1.01	1.01	1.01	0.93	1.00	0.99
p1	1.01	1.01	0.95	0.96	0.95	0.95	0.95	0.95	0.91	1.00	0.96
p2	1.01	1.00	0.98	0.95	1.01	0.91	0.91	0.91	0.90	1.00	0.95
TILE_6_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC			
p0	0.69 0.08	0.49 0.00	456.51	494.57	522.75	0.63	0.63	0.63			
p1	0.74 0.17	0.56 0.02	506.70	529.44	583.55	0.68	0.68	0.68			
p2	0.85 0.21	0.61 0.01	459.84	531.89	549.07	0.72	0.73	0.73			
TILE_7_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	
p0	14194.63	9246.91	2811.32	1950.40	1458.65	66931.74	66930.90	66931.15	61.17	1.00	
p1	14156.32	9250.19	2786.47	2116.10	1540.15	62704.67	62704.15	62703.36	60.64	1.00	
p2	14149.80	9246.54	2761.80	1896.25	1415.15	59746.12	59746.08	59745.98	60.36	1.00	
TILE_7_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0	1.01	1.01	0.97	0.91	0.95	1.18	1.18	1.18	0.85	1.00	1.02
p1	1.01	1.01	0.96	0.98	1.01	1.11	1.11	1.11	0.84	1.00	1.01
p2	1.01	1.01	0.95	0.88	0.92	1.06	1.06	1.06	0.84	1.00	0.97
TILE_7_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC			
p0	0.33 0.03	0.25 0.00	483.89	565.76	593.71	0.52	0.52	0.52			
p1	0.38 0.08	0.27 0.00	502.43	540.61	575.05	0.56	0.56	0.56			
p2	0.55 0.22	0.32 0.01	515.00	619.89	653.42	0.56	0.56	0.56			
TILE_8_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	
p0	14149.95	9244.44	2882.28	2049.93	1466.78	53761.84	53758.84	53760.56	64.18	1.00	

p1	14107.81	9320.85	2841.05	2216.43	1674.55	51572.41	51570.82	51571.30	62.31	1.00	
p2	14100.21	9298.32	2800.50	1974.08	1396.72	49707.37	49706.34	49707.11	61.29	1.00	
TILE_8_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0	1.01	1.00	0.99	0.95	0.96	0.95	0.95	0.95	0.89	1.00	0.96
p1	1.01	1.01	0.98	1.03	1.09	0.91	0.91	0.91	0.87	1.00	0.97
p2	1.01	1.01	0.97	0.92	0.91	0.88	0.88	0.88	0.85	1.00	0.92
TILE_8_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC			
p0	0.76 0.11	0.47 0.01	429.01	462.34	489.60	0.65	0.65	0.65			
p1	0.78 0.11	0.51 0.00	452.64	443.78	489.90	0.68	0.68	0.68			
p2	0.90 0.21	0.61 0.01	483.39	538.20	579.71	0.73	0.73	0.73			
TILE_9_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	
p0	14130.03	9246.10	2729.07	1988.90	1389.40	56583.15	56585.12	56584.32	71.45	1.00	
p1	14109.94	9249.84	2734.90	2005.33	1475.60	53637.82	53638.17	53637.99	70.16	1.00	
p2	14119.12	9222.76	2744.65	1996.78	1411.15	51146.76	51147.45	51146.60	68.33	1.00	
TILE_9_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0	1.01	1.01	0.94	0.93	0.91	1.00	1.00	1.00	0.99	1.00	0.98
p1	1.01	1.01	0.94	0.93	0.96	0.95	0.95	0.95	0.97	1.00	0.96
p2	1.01	1.00	0.95	0.93	0.92	0.91	0.91	0.91	0.95	1.00	0.94
TILE_9_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC			
p0	0.63 0.11	0.52 0.01	537.71	598.23	682.94	0.61	0.61	0.62			
p1	0.65 0.11	0.56 0.01	530.05	578.43	653.15	0.69	0.68	0.69			
p2	0.83 0.23	0.55 0.01	528.68	585.25	656.55	0.72	0.72	0.72			
TILE_10_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	
p0	14091.89	9248.29	2787.38	2120.07	1497.62	56023.13	56024.32	56024.07	70.38	1.00	
p1	14137.85	9225.22	2832.00	1991.67	1460.10	53274.71	53275.44	53274.82	67.82	1.00	
p2	14105.64	9241.47	2679.65	2038.72	1435.53	50931.74	50932.20	50932.03	65.60	1.00	
TILE_10_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean
p0	1.01	1.01	0.96	0.99	0.98	0.99	0.99	0.99	0.98	1.00	0.99
p1	1.01	1.00	0.98	0.93	0.95	0.94	0.94	0.94	0.94	1.00	0.96
p2	1.01	1.00	0.92	0.95	0.94	0.90	0.90	0.90	0.91	1.00	0.94
TILE_10_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC			
p0	0.63 0.12	0.49 0.00	494.28	529.13	620.36	0.62	0.62	0.62			
p1	0.71 0.08	0.53 0.00	463.92	516.29	577.59	0.68	0.68	0.68			
p2	0.79 0.23	0.56 0.00	574.37	609.52	706.25	0.71	0.70	0.71			
TILE_11_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	
p0	14104.15	9253.84	2805.47	2144.12	1596.45	52985.09	52982.66	52982.02	69.89	1.00	
p1	14132.11	9245.92	2795.93	1950.25	1381.83	51221.38	51219.87	51219.80	67.73	1.00	

p2	14122.30	9308.65	2857.68	2147.90	1654.45	50146.92	50145.83	50145.67	65.02	1.00				
TILE_11_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean			
p0	1.01	1.01	0.97	1.00	1.04	0.94	0.94	0.94	0.97	1.00	0.98			
p1	1.01	1.00	0.96	0.91	0.90	0.91	0.91	0.91	0.94	1.00	0.94			
p2	1.01	1.01	0.99	1.00	1.08	0.89	0.89	0.89	0.90	1.00	0.96			
TILE_11_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC						
p0	0.70 0.21	0.47 0.00	481.41	512.08	572.51	0.64	0.64	0.64						
p1	0.74 0.10	0.55 0.01	491.12	559.78	598.05	0.66	0.66	0.66						
p2	0.87 0.19	0.63 0.01	445.49	508.63	514.94	0.66	0.66	0.66						
TILE_12_Scores	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby				
p0	14139.96	9233.48	2871.45	2134.50	1615.35	54795.48	54793.38	54795.77	64.27	1.00				
p1	14122.13	9235.36	2850.65	2088.35	1503.12	53031.79	53030.78	53031.79	62.83	1.00				
p2	14123.32	9245.37	2774.22	2028.90	1454.42	51091.34	51090.65	51091.24	61.59	1.00				
TILE_12_Ratios	WVAuctionVM	WVAuctionK8S	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC	SocialNetwork	Standby	Geo.Mean			
p0	1.01	1.00	0.99	0.99	1.06	0.97	0.97	0.97	0.89	1.00	0.98			
p1	1.01	1.00	0.98	0.97	0.98	0.94	0.94	0.94	0.87	1.00	0.96			
p2	1.01	1.00	0.96	0.94	0.95	0.90	0.90	0.90	0.86	1.00	0.94			
TILE_12_QoS	WVAuctionVM%	WVAuctionK8S%	DVDStoreA	DVDStoreB	DVDStoreC	NoSQLBenchA	NoSQLBenchB	NoSQLBenchC						
p0	0.68 0.18	0.50 0.01	433.15	456.48	472.25	0.62	0.62	0.62						
p1	0.69 0.08	0.52 0.00	453.18	499.77	535.31	0.65	0.65	0.66						
p2	0.74 0.10	0.53 0.00	495.53	546.84	590.45	0.71	0.71	0.71						
p0_score:	13.00													
p1_score:	12.66													
p2_score:	12.39													
Infrastructure_Operations_Scores:						vMotion		SVMotion		XVMotion		Deploy		
Completed_Ops_PerHour						56.00		26.00		26.00		27.00		
Avg_Seconds_To_Complete						5.79		62.04		59.63		222.04		
Failures						0.00		0.00		0.00		0.00		
Ratio						1.90		2.00		2.00		1.86		
Number_Of_Threads						2		2		2		2		
Summary						Run_Is_Compliant			Median_Phase(p1)					
Unreviewed_VMmark4_Applications_Score						12.66								
Unreviewed_VMmark4_Infrastructure_Score						1.94								
Unreviewed_VMmark4_Score						10.52 @ 13 Tiles								

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 3d, Build 24322831 / 10-21-2024																																																																																																								
Supplemental Software	None																																																																																																								
Servers																																																																																																									
Number of Servers in System Under Test (all subsequent fields in this section are per Server)	4																																																																																																								
Server Manufacturer and Model	HPE ProLiant DL385 Gen11																																																																																																								
Processor Vendor and Model	AMD EPYC 9845																																																																																																								
Processor Speed (GHz) / Turbo Boost Speed (GHz)	2.1 GHz / 3.7 GHz																																																																																																								
Total Sockets/Total Cores/Total Threads	2 Sockets / 320 Cores / 640 Threads																																																																																																								
NUMA Nodes	2																																																																																																								
BIOS Version	2.20																																																																																																								
Memory Size (in GB, Number of DIMMs)	Physical Memory (BIOS): 3072 GB Physical Memory (ESXi): 3072 GB Number of DIMMs: 24																																																																																																								
Memory Type and Speed	<table><tr><th>Location</th><th>Size</th><th>Speed</th><th>Max Speed</th><th>Rank</th><th>Type</th><th>Detail</th></tr><tr><td>PROC 1 DIMM 1</td><td>128 GB</td><td>6000 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td>PROC 1 DIMM 2</td><td>128 GB</td><td>6000 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td>PROC 1 DIMM 3</td><td>128 GB</td><td>6000 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td>PROC 1 DIMM 4</td><td>128 GB</td><td>6000 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td>PROC 1 DIMM 5</td><td>128 GB</td><td>6000 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td>PROC 1 DIMM 6</td><td>128 GB</td><td>6000 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td>PROC 1 DIMM 7</td><td>128 GB</td><td>6000 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td>PROC 1 DIMM 8</td><td>128 GB</td><td>6000 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td>PROC 1 DIMM 9</td><td>128 GB</td><td>6000 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td>PROC 1 DIMM 10</td><td>128 GB</td><td>6000 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td>PROC 1 DIMM 11</td><td>128 GB</td><td>6000 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td>PROC 1 DIMM 12</td><td>128 GB</td><td>6000 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td>PROC 2 DIMM 1</td><td>128 GB</td><td>6000 MT/s</td><td>6400 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr></table>							Location	Size	Speed	Max Speed	Rank	Type	Detail	PROC 1 DIMM 1	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered	PROC 1 DIMM 2	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered	PROC 1 DIMM 3	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered	PROC 1 DIMM 4	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered	PROC 1 DIMM 5	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered	PROC 1 DIMM 6	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered	PROC 1 DIMM 7	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered	PROC 1 DIMM 8	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered	PROC 1 DIMM 9	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered	PROC 1 DIMM 10	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered	PROC 1 DIMM 11	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered	PROC 1 DIMM 12	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered	PROC 2 DIMM 1	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
Location	Size	Speed	Max Speed	Rank	Type	Detail																																																																																																			
PROC 1 DIMM 1	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered																																																																																																			
PROC 1 DIMM 2	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered																																																																																																			
PROC 1 DIMM 3	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered																																																																																																			
PROC 1 DIMM 4	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered																																																																																																			
PROC 1 DIMM 5	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered																																																																																																			
PROC 1 DIMM 6	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered																																																																																																			
PROC 1 DIMM 7	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered																																																																																																			
PROC 1 DIMM 8	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered																																																																																																			
PROC 1 DIMM 9	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered																																																																																																			
PROC 1 DIMM 10	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered																																																																																																			
PROC 1 DIMM 11	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered																																																																																																			
PROC 1 DIMM 12	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered																																																																																																			
PROC 2 DIMM 1	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered																																																																																																			

	PROC 2 DIMM 2	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 2 DIMM 3	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 2 DIMM 4	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 2 DIMM 5	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 2 DIMM 6	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 2 DIMM 7	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 2 DIMM 8	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 2 DIMM 9	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 2 DIMM 10	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 2 DIMM 11	128 GB	6000 MT/s	6400 MT/s	2	DDR5	Synchronous, Registered
	PROC 2 DIMM 12	128 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	4						
Virtual Host Bus Adapter Vendors and Models	HBA	Model	Speed	Driver	Firmware		
	vmhba4	HPE SN1700Q 64Gb 2p FC Adapter	64 Gbps	qlnativefc	9.14.01 (d0d5)		
	vmhba5	HPE SN1700Q 64Gb 2p FC Adapter	64 Gbps	qlnativefc	9.14.01 (d0d5)		
	vmhba64	HPE SN1700Q 64Gb 2p FC Adapter	64 Gbps	qlnativefc	9.14.01 (d0d5)		
	vmhba65	HPE SN1700Q 64Gb 2p FC Adapter	64 Gbps	qlnativefc	9.14.01 (d0d5)		
Power Supply Quantity, Name/Part Number, Wattage, Firmware, and Type (Voltage, AC/DC)	2 * HPE 1600W Flex Slot Platinum Hot Plug Low Halogen Power Supply Kit per server (P38997-B21)						
Cooling Type (Air Cooling, Closed Loop Cooling, Direct Liquid Cooling, or Other)	Air Cooling						
Other Hardware	FC Switch: SN6700B 64Gb 56/24 24P SFP56						
Other Software	None						
BIOS Availability Date (MM-DD-YYYY)	10-31-2024						
Hardware Availability Date (MM-DD-YYYY)	01-06-2024						
Software Availability Date (MM-DD-YYYY)	06-25-2024						
Network							
Number of Virtual Network Controllers	4						

Virtual Network Controllers, Speeds, MTUs, Firmware, Drivers, Vendors, and Models	Device	Speed	Duplex	MTU	Firmware	Driver	Description																																																					
	vmnic0	100 Gbps	Full	9000	22.39.1002	nmlx5_core	Mellanox Technologies ConnectX-6 Dx EN NIC; 100GbE; dual-port QSFP56; PCIe4.0 x16; (MCX623106AS-CDA)																																																					
	vmnic1	100 Gbps	Full	9000	22.39.1002	nmlx5_core	Mellanox Technologies ConnectX-6 Dx EN NIC; 100GbE; dual-port QSFP56; PCIe4.0 x16; (MCX623106AS-CDA)																																																					
	vmnic2	100 Gbps	Full	9000	22.39.1002	nmlx5_core	Mellanox Technologies ConnectX-6 Dx EN NIC; 100GbE; dual-port QSFP56; PCIe4.0 x16; (MCX623106AS-CDA)																																																					
	vmnic3	100 Gbps	Full	9000	22.39.1002	nmlx5_core	Mellanox Technologies ConnectX-6 Dx EN NIC; 100GbE; dual-port QSFP56; PCIe4.0 x16; (MCX623106AS-CDA)																																																					
Number of Virtual Switches	2																																																											
Virtual Switches, Ports, Port Groups, MTUs, and Uplinks	<table><tr><td>Switch</td><td>Ports</td><td>Configured Ports</td><td>MTU</td><td colspan="6">Uplinks</td></tr><tr><td>vSwitch0</td><td>9216</td><td>128</td><td>9000</td><td colspan="6">vmnic2</td></tr><tr><td>DSwitch</td><td>9216</td><td>512</td><td>9000</td><td colspan="6">vmnic0, vmnic1, vmnic3</td></tr></table>										Switch	Ports	Configured Ports	MTU	Uplinks						vSwitch0	9216	128	9000	vmnic2						DSwitch	9216	512	9000	vmnic0, vmnic1, vmnic3																									
	Switch	Ports	Configured Ports	MTU	Uplinks																																																							
vSwitch0	9216	128	9000	vmnic2																																																								
DSwitch	9216	512	9000	vmnic0, vmnic1, vmnic3																																																								
Virtual Switches, Ports, Port Groups, MTUs, and Uplinks	<table><tr><td>Switch</td><td>Port Group</td><td>VLAN ID</td><td colspan="7">Uplinks</td></tr><tr><td>vSwitch0</td><td>Management Network</td><td>0</td><td colspan="7">vmnic2</td></tr><tr><td>vSwitch0</td><td>VM Network</td><td>0</td><td colspan="7">vmnic2</td></tr><tr><td>vSwitch0</td><td>VMkernel</td><td>0</td><td colspan="7">vmnic2</td></tr><tr><td>DSwitch</td><td>DSwitch-vSAN</td><td>0</td><td colspan="7">vmnic0</td></tr></table>										Switch	Port Group	VLAN ID	Uplinks							vSwitch0	Management Network	0	vmnic2							vSwitch0	VM Network	0	vmnic2							vSwitch0	VMkernel	0	vmnic2							DSwitch	DSwitch-vSAN	0	vmnic0						
	Switch	Port Group	VLAN ID	Uplinks																																																								
	vSwitch0	Management Network	0	vmnic2																																																								
	vSwitch0	VM Network	0	vmnic2																																																								
	vSwitch0	VMkernel	0	vmnic2																																																								
DSwitch	DSwitch-vSAN	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		1500	Default		Management																																																					
	vmk1	VMkernel		9000	vMotion		vMotion																																																					
	vmk2	DSwitch-vSAN		9000	Default		vSAN																																																					
Physical Switch Vendors, Models, and Speeds	HPE SN2700M 100GbE 32QSFP28																																																											
Primary Storage																																																												
Storage Category	VMware vSAN 8.0 Update 3 ESA - All Flash																																																											
Datastores	Datastores			Type	Size	Storage Device																																																						
	LIO-Dep1			VMFS-6	6.4 TB	LIO-ORG Fibre Channel Disk																																																						
	LIO-Dep2			VMFS-6	6.4 TB	LIO-ORG Fibre Channel Disk																																																						
	LIO-SVM1			VMFS-6	6.4 TB	LIO-ORG Fibre Channel Disk																																																						
	LIO-SVM2			VMFS-6	6.4 TB	LIO-ORG Fibre Channel Disk																																																						
	LIO-XVM1			VMFS-6	6.4 TB	LIO-ORG Fibre Channel Disk																																																						
	LIO-XVM2			VMFS-6	6.4 TB	LIO-ORG Fibre Channel Disk																																																						
	OSDATA-672b5340-c0083b98-b1f1-88e9a44b7bda			VMFSOS	128.6 GB	Local NVMe Disk																																																						
	vsanDatastore			vSAN	204.8 TB	vSAN																																																						
Number of Storage Devices	15																																																											
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 NVMe Disk (Boot Device)			480.0 GB	Direct-Access	NVMe	HPE NS204i-u Gen11 Boot Controller	12141013	FIXED	preferred=none	1																																																	

	<table><tr><td>LIO-ORG Fibre Channel Disk</td><td>6.4 TB</td><td>Direct-Access</td><td>LIO-ORG</td><td>LIO-SVM2</td><td>4.0</td><td>VMW_PSP_MRU</td><td>Current Path=vmhba4:C0:T0:L1</td><td>1</td></tr><tr><td>LIO-ORG Fibre Channel Disk</td><td>6.4 TB</td><td>Direct-Access</td><td>LIO-ORG</td><td>LIO-XVM2</td><td>4.0</td><td>VMW_PSP_MRU</td><td>Current Path=vmhba5:C0:T3:L0</td><td>1</td></tr><tr><td>Local NVMe Disk</td><td>6.4 TB</td><td>Direct-Access</td><td>NVMe</td><td>MO006400KYDND</td><td>HPK5</td><td>FIXED</td><td>preferred=none</td><td>1</td></tr><tr><td>Local NVMe Disk</td><td>6.4 TB</td><td>Direct-Access</td><td>NVMe</td><td>MO006400KYDND</td><td>HPK5</td><td>FIXED</td><td>preferred=none</td><td>1</td></tr><tr><td>Local NVMe Disk</td><td>6.4 TB</td><td>Direct-Access</td><td>NVMe</td><td>MO006400KYDND</td><td>HPK5</td><td>FIXED</td><td>preferred=none</td><td>1</td></tr><tr><td>Local NVMe Disk</td><td>6.4 TB</td><td>Direct-Access</td><td>NVMe</td><td>MO006400KYDND</td><td>HPK5</td><td>FIXED</td><td>preferred=none</td><td>1</td></tr><tr><td>LIO-ORG Fibre Channel Disk</td><td>6.4 TB</td><td>Direct-Access</td><td>LIO-ORG</td><td>LIO-SVM1</td><td>4.0</td><td>VMW_PSP_MRU</td><td>Current Path=vmhba4:C0:T0:L0</td><td>1</td></tr><tr><td>Local NVMe Disk</td><td>6.4 TB</td><td>Direct-Access</td><td>NVMe</td><td>MO006400KYDND</td><td>HPK5</td><td>FIXED</td><td>preferred=none</td><td>1</td></tr><tr><td>Local NVMe Disk</td><td>6.4 TB</td><td>Direct-Access</td><td>NVMe</td><td>MO006400KYDND</td><td>HPK5</td><td>FIXED</td><td>preferred=none</td><td>1</td></tr><tr><td>LIO-ORG Fibre Channel Disk</td><td>6.4 TB</td><td>Direct-Access</td><td>LIO-ORG</td><td>LIO-Dep1</td><td>4.0</td><td>VMW_PSP_MRU</td><td>Current Path=vmhba4:C0:T1:L0</td><td>1</td></tr><tr><td>Local NVMe Disk</td><td>6.4 TB</td><td>Direct-Access</td><td>NVMe</td><td>MO006400KYDND</td><td>HPK5</td><td>FIXED</td><td>preferred=none</td><td>1</td></tr><tr><td>LIO-ORG Fibre Channel Disk</td><td>6.4 TB</td><td>Direct-Access</td><td>LIO-ORG</td><td>LIO-Dep2</td><td>4.0</td><td>VMW_PSP_MRU</td><td>Current Path=vmhba4:C0:T1:L1</td><td>1</td></tr><tr><td>LIO-ORG Fibre Channel Disk</td><td>6.4 TB</td><td>Direct-Access</td><td>LIO-ORG</td><td>LIO-XVM1</td><td>4.0</td><td>VMW_PSP_MRU</td><td>Current Path=vmhba5:C0:T2:L0</td><td>1</td></tr><tr><td>Local NVMe Disk</td><td>6.4 TB</td><td>Direct-Access</td><td>NVMe</td><td>MO006400KYDND</td><td>HPK5</td><td>FIXED</td><td>preferred=none</td><td>1</td></tr></table>	LIO-ORG Fibre Channel Disk	6.4 TB	Direct-Access	LIO-ORG	LIO-SVM2	4.0	VMW_PSP_MRU	Current Path=vmhba4:C0:T0:L1	1	LIO-ORG Fibre Channel Disk	6.4 TB	Direct-Access	LIO-ORG	LIO-XVM2	4.0	VMW_PSP_MRU	Current Path=vmhba5:C0:T3:L0	1	Local NVMe Disk	6.4 TB	Direct-Access	NVMe	MO006400KYDND	HPK5	FIXED	preferred=none	1	Local NVMe Disk	6.4 TB	Direct-Access	NVMe	MO006400KYDND	HPK5	FIXED	preferred=none	1	Local NVMe Disk	6.4 TB	Direct-Access	NVMe	MO006400KYDND	HPK5	FIXED	preferred=none	1	Local NVMe Disk	6.4 TB	Direct-Access	NVMe	MO006400KYDND	HPK5	FIXED	preferred=none	1	LIO-ORG Fibre Channel Disk	6.4 TB	Direct-Access	LIO-ORG	LIO-SVM1	4.0	VMW_PSP_MRU	Current Path=vmhba4:C0:T0:L0	1	Local NVMe Disk	6.4 TB	Direct-Access	NVMe	MO006400KYDND	HPK5	FIXED	preferred=none	1	Local NVMe Disk	6.4 TB	Direct-Access	NVMe	MO006400KYDND	HPK5	FIXED	preferred=none	1	LIO-ORG Fibre Channel Disk	6.4 TB	Direct-Access	LIO-ORG	LIO-Dep1	4.0	VMW_PSP_MRU	Current Path=vmhba4:C0:T1:L0	1	Local NVMe Disk	6.4 TB	Direct-Access	NVMe	MO006400KYDND	HPK5	FIXED	preferred=none	1	LIO-ORG Fibre Channel Disk	6.4 TB	Direct-Access	LIO-ORG	LIO-Dep2	4.0	VMW_PSP_MRU	Current Path=vmhba4:C0:T1:L1	1	LIO-ORG Fibre Channel Disk	6.4 TB	Direct-Access	LIO-ORG	LIO-XVM1	4.0	VMW_PSP_MRU	Current Path=vmhba5:C0:T2:L0	1	Local NVMe Disk	6.4 TB	Direct-Access	NVMe	MO006400KYDND	HPK5	FIXED	preferred=none	1
LIO-ORG Fibre Channel Disk	6.4 TB	Direct-Access	LIO-ORG	LIO-SVM2	4.0	VMW_PSP_MRU	Current Path=vmhba4:C0:T0:L1	1																																																																																																																							
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LIO-ORG Fibre Channel Disk	6.4 TB	Direct-Access	LIO-ORG	LIO-Dep1	4.0	VMW_PSP_MRU	Current Path=vmhba4:C0:T1:L0	1																																																																																																																							
Local NVMe Disk	6.4 TB	Direct-Access	NVMe	MO006400KYDND	HPK5	FIXED	preferred=none	1																																																																																																																							
LIO-ORG Fibre Channel Disk	6.4 TB	Direct-Access	LIO-ORG	LIO-Dep2	4.0	VMW_PSP_MRU	Current Path=vmhba4:C0:T1:L1	1																																																																																																																							
LIO-ORG Fibre Channel Disk	6.4 TB	Direct-Access	LIO-ORG	LIO-XVM1	4.0	VMW_PSP_MRU	Current Path=vmhba5:C0:T2:L0	1																																																																																																																							
Local NVMe Disk	6.4 TB	Direct-Access	NVMe	MO006400KYDND	HPK5	FIXED	preferred=none	1																																																																																																																							
How Datastores Map to Storage Devices	See Storage Notes Section																																																																																																																														
VMware vSAN Configuration (if used)	VMware vSAN ESA Configuration (per host): 8 x SSDs - On-Disk Format Version: 20 - Disk Models: - MO006400KYDND - MO006400KYDND - MO006400KYDND - MO006400KYDND - MO006400KYDND - MO006400KYDND - MO006400KYDND - MO006400KYDND																																																																																																																														
RAID Configuration (if used)	None																																																																																																																														
Server Management																																																																																																																															
VMware vCenter Server Number of vCPUs	16																																																																																																																														
VMware vCenter Server Virtual Memory (in GB)	40																																																																																																																														
Clients																																																																																																																															
Total Client VMs (including Prime Client)	14																																																																																																																														
Number of Client Hosts (all subsequent fields in this section are per Client Host)	9																																																																																																																														

System Model(s)	- Client Host 1: HPE ProLiant DL380 Gen10 - Client Host 2: HPE ProLiant DL345 Gen11 - Client Host 3: HPE ProLiant DL345 Gen11 - Client Host 4: HPE ProLiant DL345 Gen11 - Client Host 5: HPE ProLiant DL345 Gen11 - Client Host 6: HPE ProLiant DL345 Gen11 - Client Host 7: HPE ProLiant DL345 Gen11 - Client Host 8: HPE ProLiant DL380 Gen10 Plus - Client Host 9: HPE ProLiant DL385 Gen11																																												
Processor Vendor(s) and Model(s)	- Client Host 1: Intel Xeon Gold 6238 - Client Host 2: AMD EPYC 9654P - Client Host 3: AMD EPYC 9654P - Client Host 4: AMD EPYC 9654P - Client Host 5: AMD EPYC 9654P - Client Host 6: AMD EPYC 9654P - Client Host 7: AMD EPYC 9654P - Client Host 8: Intel Xeon Platinum 8380 - Client Host 9: AMD EPYC 9655																																												
Processor Speed(s) (GHz)	- Client Host 1: 2.1 GHz - Client Host 2: 2.4 GHz - Client Host 3: 2.4 GHz - Client Host 4: 2.4 GHz - Client Host 5: 2.4 GHz - Client Host 6: 2.4 GHz - Client Host 7: 2.4 GHz - Client Host 8: 2.3 GHz - Client Host 9: 2.6 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>44</td><td>88</td></tr><tr><td>Client Host 2</td><td>1</td><td>96</td><td>192</td></tr><tr><td>Client Host 3</td><td>1</td><td>96</td><td>192</td></tr><tr><td>Client Host 4</td><td>1</td><td>96</td><td>192</td></tr><tr><td>Client Host 5</td><td>1</td><td>96</td><td>192</td></tr><tr><td>Client Host 6</td><td>1</td><td>96</td><td>192</td></tr><tr><td>Client Host 7</td><td>1</td><td>96</td><td>192</td></tr><tr><td>Client Host 8</td><td>2</td><td>80</td><td>160</td></tr><tr><td>Client Host 9</td><td>2</td><td>192</td><td>384</td></tr><tr><td>Total</td><td>12</td><td>892</td><td>1784</td></tr></table>	Client Host	Sockets	Cores	Threads	Client Host 1	2	44	88	Client Host 2	1	96	192	Client Host 3	1	96	192	Client Host 4	1	96	192	Client Host 5	1	96	192	Client Host 6	1	96	192	Client Host 7	1	96	192	Client Host 8	2	80	160	Client Host 9	2	192	384	Total	12	892	1784
Client Host	Sockets	Cores	Threads																																										
Client Host 1	2	44	88																																										
Client Host 2	1	96	192																																										
Client Host 3	1	96	192																																										
Client Host 4	1	96	192																																										
Client Host 5	1	96	192																																										
Client Host 6	1	96	192																																										
Client Host 7	1	96	192																																										
Client Host 8	2	80	160																																										
Client Host 9	2	192	384																																										
Total	12	892	1784																																										
NUMA Nodes	- Client Host 1: 4 - Client Host 2: 1 - Client Host 3: 1																																												

	- Client Host 4: 1 - Client Host 5: 1 - Client Host 6: 1 - Client Host 7: 1 - Client Host 8: 4 - Client Host 9: 2							
Memory Size (in GB) per Client Host	Client Host	BIOS	ESXi					
	Client Host 1	192 GB	192 GB					
	Client Host 2	512 GB	512 GB					
	Client Host 3	512 GB	512 GB					
	Client Host 4	512 GB	512 GB					
	Client Host 5	512 GB	512 GB					
	Client Host 6	512 GB	512 GB					
	Client Host 7	512 GB	512 GB					
	Client Host 8	2048 GB	2048 GB					
	Client Host 9	1536 GB	1536 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 1.46 ncsi 1.5.33.0	ntg3	Broadcom Corporation NetXtreme BCM5719 Gigabit Ethernet
	Client Host 2	vmnic0	100 Gbps	Full	9000	22.39.1002	nmlx5_core	Mellanox Technologies ConnectX-6 Dx EN NIC; 100GbE; dual-port QSFP56; PCIe4.0 x16; (MCX623106AS-CDA)
		vmnic1	100 Gbps	Full	9000	22.39.1002	nmlx5_core	Mellanox Technologies ConnectX-6 Dx EN NIC; 100GbE; dual-port QSFP56; PCIe4.0 x16; (MCX623106AS-CDA)
		vmnic2	1 Gbps	Full	1500	1.63.0:0x800011ef:1.3534.0	igbn	Intel(R) I350 Gigabit Network Connection
	Client Host 3	vmnic0	100 Gbps	Full	9000	22.39.1002	nmlx5_core	Mellanox Technologies ConnectX-6 Dx EN NIC; 100GbE; dual-port QSFP56; PCIe4.0 x16; (MCX623106AS-CDA)
		vmnic1	100 Gbps	Full	9000	22.39.1002	nmlx5_core	Mellanox Technologies ConnectX-6 Dx EN NIC; 100GbE; dual-port QSFP56; PCIe4.0 x16; (MCX623106AS-CDA)
		vmnic2	1 Gbps	Full	1500	1.63.0:0x800011ef:1.3534.0	igbn	Intel(R) I350 Gigabit Network Connection
	Client Host 4	vmnic0	100 Gbps	Full	9000	22.39.1002	nmlx5_core	Mellanox Technologies ConnectX-6 Dx EN NIC; 100GbE; dual-port QSFP56; PCIe4.0 x16; (MCX623106AS-CDA)
		vmnic1	100 Gbps	Full	9000	22.39.1002	nmlx5_core	Mellanox Technologies ConnectX-6 Dx EN NIC; 100GbE; dual-port QSFP56; PCIe4.0 x16; (MCX623106AS-CDA)
		vmnic2	1 Gbps	Full	1500	1.63.0:0x800011ef:1.3534.0	igbn	Intel(R) I350 Gigabit Network Connection
	Client Host 5	vmnic0	100 Gbps	Full	9000	22.39.1002	nmlx5_core	Mellanox Technologies ConnectX-6 Dx EN NIC; 100GbE; dual-port QSFP56; PCIe4.0 x16; (MCX623106AS-CDA)
		vmnic1	100 Gbps	Full	9000	22.39.1002	nmlx5_core	Mellanox Technologies ConnectX-6 Dx EN NIC; 100GbE; dual-port QSFP56; PCIe4.0 x16; (MCX623106AS-CDA)
		vmnic2	1 Gbps	Full	1500	1.63.0:0x800011ef:1.3534.0	igbn	Intel(R) I350 Gigabit Network Connection
	Client Host 6	vmnic0	100 Gbps	Full	9000	22.39.1002	nmlx5_core	Mellanox Technologies ConnectX-6 Dx EN NIC; 100GbE; dual-port QSFP56; PCIe4.0 x16; (MCX623106AS-CDA)

		vmnic1	100 Gbps	Full	9000	22.39.1002	nmlx5_core	Mellanox Technologies ConnectX-6 Dx EN NIC; 100GbE; dual-port QSFP56; PCIe4.0 x16; (MCX623106AS-CDA)	
		vmnic2	1 Gbps	Full	1500	1.63.0:0x800011ef:1.3534.0	igbn	Intel(R) I350 Gigabit Network Connection	
	Client Host 7	vmnic0	100 Gbps	Full	9000	22.39.1002	nmlx5_core	Mellanox Technologies ConnectX-6 Dx EN NIC; 100GbE; dual-port QSFP56; PCIe4.0 x16; (MCX623106AS-CDA)	
		vmnic1	100 Gbps	Full	9000	22.39.1002	nmlx5_core	Mellanox Technologies ConnectX-6 Dx EN NIC; 100GbE; dual-port QSFP56; PCIe4.0 x16; (MCX623106AS-CDA)	
		vmnic2	1 Gbps	Full	1500	1.63.0:0x800011ef:1.3534.0	igbn	Intel(R) I350 Gigabit Network Connection	
	Client Host 8	vmnic0	100 Gbps	Full	9000	22.39.1002	nmlx5_core	Mellanox Technologies ConnectX-6 Dx EN NIC; 100GbE; dual-port QSFP56; PCIe4.0 x16; (MCX623106AS-CDA)	
		vmnic2	1 Gbps	Full	1500	1.63.0:0x800011ef:1.3534.0	igbn	Intel(R) I350 Gigabit Network Connection	
	Client Host 9	vmnic0	1 Gbps	Full	1500	1.63.0:0x800011f8:1.3534.0	igbn	Intel(R) I350 Gigabit Network Connection	
		vmnic2	100 Gbps	Full	9000	22.31.1014	nmlx5_core	Mellanox Technologies ConnectX-6 Dx EN NIC; 100GbE; dual-port QSFP56; PCIe4.0 x16; (MCX623106AS-CDA)	
		vmnic3	100 Gbps	Full	9000	22.31.1014	nmlx5_core	Mellanox Technologies ConnectX-6 Dx EN NIC; 100GbE; dual-port QSFP56; PCIe4.0 x16; (MCX623106AS-CDA)	

Virtual Switches, Ports, Port Groups, MTUs, and Uplinks	Client Host	Switch	Ports	Configured Ports	MTU	Uplinks	
	Client Host 1	vSwitch0	9216	128	1500	vmnic0	
	Client Host 2	vSwitch0	9216	128	1500	vmnic2	
		DSwitch	9216	512	9000	vmnic0, vmnic1	
	Client Host 3	vSwitch0	9216	128	1500	vmnic2	
		DSwitch	9216	512	9000	vmnic0, vmnic1	
	Client Host 4	vSwitch0	9216	128	1500	vmnic2	
		DSwitch	9216	512	9000	vmnic0, vmnic1	
	Client Host 5	vSwitch0	9216	128	1500	vmnic2	
		DSwitch	9216	512	9000	vmnic0, vmnic1	
	Client Host 6	vSwitch0	9216	128	1500	vmnic2	
		DSwitch	9216	512	9000	vmnic0, vmnic1	
	Client Host 7	vSwitch0	9216	128	1500	vmnic2	
		DSwitch	9216	512	9000	vmnic0, vmnic1	
	Client Host 8	vSwitch0	9216	128	1500	vmnic2	
		DSwitch	9216	512	9000	vmnic0	
	Client Host 9	vSwitch0	9216	128	1500	vmnic0	
		DSwitch	9216	512	9000	vmnic2, vmnic3	
	Client Host	Switch	Port Group		VLAN ID	Uplinks	
	Client Host 1	vSwitch0	Management Network		0	vmnic0	
		vSwitch0	VM Network		0	vmnic0	
	Client Host 2	vSwitch0	Management Network		0	vmnic2	

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 except Client VMs (default single core per socket)
- All Client VMs vCPU set to 70 (default 64)
- Logging was disabled for all VMs except for Template VMs (default enabled)
- All DS35DB, NoSQLBench, SocialNetwork and Auction K VMs had CPU shares set to High (default Normal)
- All Standby VMs had CPU shares set to Low (default Normal)
- All memory reserved (LockedToMax) for all DS35DB VMs
- sched.mem.lpage.enable1GPage set to TRUE for all DS35DB VMs (default FALSE)
- CD/DVD device was removed from all VMs except for Template VMs (default present)
- PrimeClient's second virtual disk configured to be 1.2 TB (default: 50 GB)

SUT Host ESXi Advanced Settings:

Advanced Setting	Host 1	Host 2	Host 3	Host 4	Default
Cpu.CreditAgePeriod	1000	1000	1000	1000	3000
Cpu.HTWholeCoreThreshold	0	0	0	0	800
DataMover.HardwareAcceleratedInit	0	0	0	0	1
DataMover.HardwareAcceleratedMove	0	0	0	0	1
Disk.IdleCredit	64	64	64	64	32
Disk.ReqCallThreshold	1	1	1	1	8
Mem.CtlMaxPercent	0	0	0	0	65
Mem.ShareScanGHz	0	0	0	0	4
Numa.LTermFairnessInterval	0	0	0	0	5
Numa.LocalityWeightActionAffinity	0	0	0	0	130
Numa.MigImbalanceThreshold	57	57	57	57	10
Numa.PageMigEnable	0	0	0	0	1
Numa.RebalancePeriod	60000	60000	60000	60000	2000
Numa.SwapLoadEnable	0	0	0	0	1
Numa.SwapLocalityEnable	0	0	0	0	1
Power.CpuPolicy	Performance	Performance	Performance	Performance	Balanced
UserVars.HostClientCEIPOptIn	2	2	2	2	0

SUT Host ESXi Module Options:

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

Server Notes

Server BIOS settings

- HPE Workload Profile set to "Virtualization - Max Performance" (default: General Power Efficient Compute)
- Thermal Configuration set to Maximum Cooling (default: Optimal Cooling)
- Determinism control set to manual (default: Auto)
- Minimum Processor Idle Power Core C-state set to No-Cstates (default: C6)
- Memory Patrol Scrubbing set to Disabled (default: Enabled)

Networking Notes

- All SUT and Client hosts (except Client host1) were part of the same distributed vSwitch
- All SUT and Client SUT hosts were additionally configured with vSwitch0
- The MTU of the distributed vSwitch and vSwitch0 on SUT hosts was set to 9000 (default 1500). Except where noted differently below, the same change was made to all vmnics and vmks.

Client host1

- vSwitch0 configuration:
 - Uplink: vmnic0
 - Usage: vmk0 (MTU 1500) - used for management and VM network

SUT hosts

- vSwitch0 configuration:
 - Uplink: vmnic2
 - Usage:
 - vmk0 (MTU 1500) - used for management
 - vmk1 - used for vMotion

Client hosts

- vSwitch0 configuration:
 - Uplink: vmnic2
 - Usage:
 - vmk0 (MTU 1500) - used for management and vMotion
 - One virtual NIC port of PrimeClient VM

Distributed vSwitch configuration

- 'DSwitch-VM-Network' port group:
 - Uplinks:
 - SUT hosts: vmnic1, vmnic3
 - Client hosts 1-7 and 9: vmnic0, vmnic1
 - Client host 8: vmnic0
 - Usage:
 - All VMs - including one virtual NIC port of PrimeClient VM
- 'DSwitch-vSAN' port group:
 - Uplinks:
 - SUT hosts: vmnic0
 - Usage:
 - vmk2 on all SUT hosts - used for vSAN

Storage Notes

- On each SUT host, VMware ESXi 8.0 Update 3 was installed on HPE NS204i-u Gen11 NVMe Hot Plug Boot Optimized Storage Device which provides a RAID1 volume on 2 x 480 GB NVMe M.2 SSDs.
- On each client host (except client host 9), VMware ESXi 8.0 Update 3 was installed on HPE 6.4TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 PM1735a SSD.
- On client host 9, VMware ESXi 8.0 Update 3 was installed on HPE 1.6TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 PM1735a SSD.

Primary Storage: VMware vSAN storage

- VMware vSAN 8.0 Update 3 ESA
 - Hardware Configuration
 - 8 x HPE 6.4TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 PM1735a SSD per host
 - Software Configuration
 - RDMA support service enabled (for vSAN over RDMA feature)
 - SUTs-Optimal Datastore Default Policy-RAID5 was automatically created by vSAN ESA Auto-Policy management, Following changes were made to the policy:
 - "Object space reservation" set to "Thick provisioning" (default: Thin provisioning)

Secondary Storage: FC Channel Target via SCSI Target Server (LIO)

- Hardware Details
 - HPE ProLiant DL380 Gen11
 - 2 x INTEL XEON PLATINUM 8562Y+(2.8 GHz)
 - 512 GB (8 x 64GB 2Rx4 5600 MHz DDR5 RDIMMs)
 - 2 x HPE SN1700Q 64Gb 2-port FC HBA used as FC target controller
 - 1 x HPE NS204i-u Gen11 NVMe Hot Plug Boot Optimized Storage Device
 - 6 x HPE 6.4TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 PM1735a
- Software Details
 - Operating System: SUSE Linux Enterprise Server 15 SP5 -5.14.21-150500.53-default
 - Fibre Channel Target SW: LIO (part of SUSE Linux Enterprise Server 15 SP5)
- LUN details
 - 1 x HPE NS204i-u Gen11 NVMe Hot Plug Boot Optimized Storage Device
 - 1 LUN (447 GB)
 - Storage system OS (not exported as FC target LUN)
 - 1 x HPE NS204i-u Gen11 NVMe Hot Plug Boot Optimized Storage Device
 - 1 LUN (447 GB)
 - Storage system OS (not exported as FC target LUN)
 - 2 x HPE 6.4TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 PM1735a
 - 2 LUNs (5.82 TB)
 - DeployTarget LUNs
 - 2 x HPE 6.4TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 PM1735a
 - 2 LUNs (5.82 TB)
 - SVmotion Target LUNs
 - 2 x HPE 6.4TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 PM1735a
 - 2 LUNs (5.82 TB)
 - XVMotion Target LUNs

Server Management Notes

VMware vCenter Server Appliance 8.0 Update 3d, Build 24322831 was hosted on Client host1 which is part of the client cluster

Operating System Notes

SUT Host ESXi Image Profile: HPE-Custom-AddOn_803.0.0.11.8.0-6

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	Host 6	Host 7	Host 8	Host 9	Default
UserVars.HostClientCEIPOptIn	2	2	2	2	2	2	2	2	2	0

Client Host ESXi Module Options:

Module	Host 1	Host 2	Host 3	Host 4	Host 5	Host 6	Host 7	Host 8	Host 9	Default
tcpip4	ipv6=1	ipv6=1	ipv6=1	ipv6=1	ipv6=1	ipv6=1	ipv6=1	ipv6=1	ipv6=1	ipv6=1

Client Host ESXi Image Profile: HPE-Custom-AddOn_803.0.0.11.8.0-6

Server BIOS settings

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

Client Storage

- 1 * HPE 6.4TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 PM1735a SSD was used on all client hosts (except for client host 9) for all client VMs including PrimeClient
- 2 * HPE 6.4TB NVMe Gen4 High Performance Mixed Use SFF BC U.3 PM1735a SSD was used on client host 9 for the corresponding client VMs

Client Host VMs:

- Client Host 1: VC83
- Client Host 2: Client0
- Client Host 3: Client6, Client9
- Client Host 4: Client2, Client10
- Client Host 5: Client3, Client11
- Client Host 6: Client4, Client12
- Client Host 7: Client5, Client8
- Client Host 8: PrimeClient
- Client Host 9: Client1, Client7

Other Notes

VMmark4.properties Settings

- ReporterSkipNonCompliant = 1 (default 0)
- ErrorImmediate = 1 (default 0)

Virtual Machines

[illegible]

AuctionKC11	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionKC12	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	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	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionKD1	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionKD2	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionKD3	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionKD4	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionKD5	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionKD6	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionKD7	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionKD8	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionKD9	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionKD10	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionKD11	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionKD12	8	8	32768	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	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	vsanDatastore	dvportgroup-90	17	12325
AuctionWebA1	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebA2	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebA3	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebA4	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebA5	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebA6	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebA7	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebA8	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebA9	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebA10	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebA11	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebA12	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	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	vsanDatastore	dvportgroup-90	17	12325
AuctionWebB1	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebB2	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebB3	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebB4	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebB5	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebB6	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebB7	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebB8	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebB9	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebB10	4	4	12288	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325

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AuctionWebEDB11	4	4	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebEDB12	4	4	16384	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	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	vsanDatastore	dvportgroup-90	17	12325
AuctionWebF1	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebF2	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebF3	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebF4	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebF5	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebF6	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebF7	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebF8	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebF9	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebF10	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebF11	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
AuctionWebF12	2	2	8192	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	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	normal	TRUE	TRUE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35DB1	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	normal	TRUE	TRUE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35DB2	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	normal	TRUE	TRUE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35DB3	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	normal	TRUE	TRUE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35DB4	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	normal	TRUE	TRUE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35DB5	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	normal	TRUE	TRUE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35DB6	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	normal	TRUE	TRUE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35DB7	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	normal	TRUE	TRUE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35DB8	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	normal	TRUE	TRUE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35DB9	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	normal	TRUE	TRUE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35DB10	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	normal	TRUE	TRUE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35DB11	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	normal	TRUE	TRUE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35DB12	24	24	49152	TRUE	FALSE	Removed	0	Unlimited	high	49152	Unlimited	normal	TRUE	TRUE	normal	vsanDatastore	dvportgroup-90	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	vsanDatastore	dvportgroup-90	17	12325
DS35WebA1	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35WebA2	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35WebA3	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35WebA4	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35WebA5	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35WebA6	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35WebA7	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35WebA8	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35WebA9	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
DS35WebA10	6	6	512	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325

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SocialNetwork11	36	36	16384	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
SocialNetwork12	36	36	16384	TRUE	FALSE	Removed	0	Unlimited	high	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	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	vsanDatastore	dvportgroup-90	17	12325
Standby1	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
Standby2	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
Standby3	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
Standby4	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
Standby5	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
Standby6	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
Standby7	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
Standby8	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
Standby9	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
Standby10	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
Standby11	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
Standby12	1	1	2048	TRUE	FALSE	Removed	0	Unlimited	low	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	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-4.0.2-209	4	1	32768	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	17	12325
VMmark-4.0.2-209-02	4	1	32768	TRUE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	vsanDatastore	dvportgroup-90	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	70	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client-DS1	dvportgroup-90	17	12325
Client1	70	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client-DS3	dvportgroup-90	17	12325
Client2	70	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client-DS3	dvportgroup-90	17	12325
Client3	70	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client-DS4	dvportgroup-90	17	12325
Client4	70	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client-DS5	dvportgroup-90	17	12325
Client5	70	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client-DS6	dvportgroup-90	17	12325
Client6	70	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client-DS2	dvportgroup-90	17	12325
Client7	70	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client-DS8	dvportgroup-90	17	12325
Client8	70	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client-DS6	dvportgroup-90	17	12325
Client9	70	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client-DS2	dvportgroup-90	17	12325
Client10	70	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client-DS3	dvportgroup-90	17	12325
Client11	70	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client-DS4	dvportgroup-90	17	12325
Client12	70	1	98304	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	Client-DS5	dvportgroup-90	17	12325
PrimeClient	4	4	32768	TRUE	FALSE	Removed	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	PCDS	VM Network, dvportgroup-90	17	12325
VC83	16	1	39936	FALSE	TRUE	Present	0	Unlimited	normal	0	Unlimited	normal	FALSE	FALSE	normal	VC-DS	VM Network	10	12389

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