

|                                                                                                                                                                                                                                                       |  |                                                        |                       |  |                                                     |                                        |                                                 |                                                              |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------|-----------------------|--|-----------------------------------------------------|----------------------------------------|-------------------------------------------------|--------------------------------------------------------------|--|--|--|
| VMmark <sup>®</sup> 4.0.2 Disclosure                                                                                                                                                                                                                  |  |                                                        |                       |  |                                                     |                                        |                                                 |                                                              |  |  |  |
| Server Vendor & Model: Fujitsu PRIMERGY RX2450 M2<br>Storage Vendor & Model: 7 x Fujitsu PRIMERGY RX2540 M6<br>Hypervisor: VMware ESXi 8.0 Update 3, Build 24022510<br>Server Management Software: VMware vCenter Server 8.0 Update 3, Build 24022515 |  |                                                        |                       |  |                                                     | VMmark 4.0.2 Score =<br>5.64 @ 7 Tiles |                                                 |                                                              |  |  |  |
| Number of Hosts: 2                                                                                                                                                                                                                                    |  |                                                        | Uniform Hosts: yes    |  |                                                     |                                        | Total sockets/cores/threads in test: 4/640/1280 |                                                              |  |  |  |
| Tested By: Fujitsu                                                                                                                                                                                                                                    |  |                                                        | Test Date: 02-27-2025 |  |                                                     |                                        | SUT Availability Date: 01-28-2025               |                                                              |  |  |  |
| Performance Section<br><a href="#">Performance</a>                                                                                                                                                                                                    |  | Configuration Section<br><a href="#">Configuration</a> |                       |  | Notes Section<br><a href="#">Notes for Workload</a> |                                        |                                                 | Virtual Machines Section<br><a href="#">Virtual Machines</a> |  |  |  |

Performance

| TILE_0_Scores | WVAuctionVM  | WVAuctionK8S  | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB | NoSQLBenchC | SocialNetwork | Standby |          |
|---------------|--------------|---------------|-----------|-----------|-----------|-------------|-------------|-------------|---------------|---------|----------|
| p0            | 14172.07     | 9247.85       | 3010.68   | 2245.43   | 1710.53   | 56025.69    | 56025.79    | 55952.85    | 51.45         | 1.00    |          |
| p1            | 14171.67     | 9237.12       | 2992.95   | 2218.47   | 1607.65   | 55020.00    | 55019.90    | 55018.63    | 50.87         | 1.00    |          |
| p2            | 14149.64     | 9238.01       | 2924.55   | 2238.32   | 1700.58   | 54003.23    | 54003.15    | 54002.28    | 50.14         | 1.00    |          |
| TILE_0_Ratios | WVAuctionVM  | WVAuctionK8S  | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB | NoSQLBenchC | SocialNetwork | Standby | Geo.Mean |
| p0            | 1.01         | 1.01          | 1.04      | 1.04      | 1.12      | 0.99        | 0.99        | 0.99        | 0.71          | 1.00    | 0.98     |
| p1            | 1.01         | 1.00          | 1.03      | 1.03      | 1.05      | 0.97        | 0.97        | 0.97        | 0.71          | 1.00    | 0.97     |
| p2            | 1.01         | 1.00          | 1.01      | 1.04      | 1.11      | 0.96        | 0.96        | 0.96        | 0.70          | 1.00    | 0.96     |
| TILE_0_QoS    | WVAuctionVM% | WVAuctionK8S% | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB | NoSQLBenchC |               |         |          |
| p0            | 0.25   0.00  | 0.42   0.00   | 358.14    | 374.21    | 386.17    | 0.59        | 0.59        | 0.59        |               |         |          |
| p1            | 0.27   0.00  | 0.46   0.00   | 371.02    | 389.99    | 413.47    | 0.62        | 0.61        | 0.62        |               |         |          |
| p2            | 0.33   0.00  | 0.47   0.00   | 407.36    | 375.72    | 394.09    | 0.62        | 0.62        | 0.62        |               |         |          |
| TILE_1_Scores | WVAuctionVM  | WVAuctionK8S  | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB | NoSQLBenchC | SocialNetwork | Standby |          |
| p0            | 14153.69     | 9255.84       | 3010.62   | 2140.47   | 1622.50   | 56879.51    | 56882.49    | 56011.80    | 56.94         | 1.00    |          |
| p1            | 14134.92     | 9242.07       | 3004.10   | 2280.75   | 1694.83   | 53836.18    | 53837.78    | 52773.00    | 55.72         | 1.00    |          |
| p2            | 14125.58     | 9279.95       | 2992.97   | 2122.80   | 1614.62   | 52005.81    | 52006.94    | 50702.06    | 54.74         | 1.00    |          |
| TILE_1_Ratios | WVAuctionVM  | WVAuctionK8S  | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB | NoSQLBenchC | SocialNetwork | Standby | Geo.Mean |
| p0            | 1.01         | 1.01          | 1.04      | 1.00      | 1.06      | 1.01        | 1.01        | 0.99        | 0.79          | 1.00    | 0.99     |
| p1            | 1.01         | 1.00          | 1.04      | 1.06      | 1.11      | 0.95        | 0.95        | 0.93        | 0.77          | 1.00    | 0.98     |
| p2            | 1.01         | 1.01          | 1.03      | 0.99      | 1.06      | 0.92        | 0.92        | 0.90        | 0.76          | 1.00    | 0.95     |
| TILE_1_QoS    | WVAuctionVM% | WVAuctionK8S% | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB | NoSQLBenchC |               |         |          |
| p0            | 0.23   0.00  | 0.44   0.00   | 357.45    | 396.19    | 397.92    | 0.62        | 0.61        | 0.63        |               |         |          |
| p1            | 0.26   0.01  | 0.44   0.01   | 362.93    | 399.35    | 396.96    | 0.66        | 0.65        | 0.67        |               |         |          |
| p2            | 0.30   0.01  | 0.46   0.00   | 369.82    | 407.68    | 403.05    | 0.66        | 0.66        | 0.68        |               |         |          |

|               |              |               |           |           |           |             |             |             |               |         |          |
|---------------|--------------|---------------|-----------|-----------|-----------|-------------|-------------|-------------|---------------|---------|----------|
| TILE_2_Scores | WVAuctionVM  | WVAuctionK8S  | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB | NoSQLBenchC | SocialNetwork | Standby |          |
| p0            | 14155.01     | 9253.40       | 3002.03   | 2161.75   | 1553.47   | 56066.48    | 56064.86    | 56065.68    | 54.49         | 1.00    |          |
| p1            | 14155.42     | 9245.75       | 2980.97   | 2297.78   | 1761.83   | 55009.86    | 55008.45    | 55008.85    | 53.41         | 1.00    |          |
| p2            | 14155.24     | 9241.22       | 2987.07   | 2165.25   | 1547.78   | 53799.87    | 53798.87    | 53799.32    | 52.31         | 1.00    |          |
| TILE_2_Ratios | WVAuctionVM  | WVAuctionK8S  | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB | NoSQLBenchC | SocialNetwork | Standby | Geo.Mean |
| p0            | 1.01         | 1.01          | 1.04      | 1.01      | 1.02      | 0.99        | 0.99        | 0.99        | 0.76          | 1.00    | 0.97     |
| p1            | 1.01         | 1.00          | 1.03      | 1.07      | 1.15      | 0.97        | 0.97        | 0.97        | 0.74          | 1.00    | 0.99     |
| p2            | 1.01         | 1.00          | 1.03      | 1.01      | 1.01      | 0.95        | 0.95        | 0.95        | 0.73          | 1.00    | 0.96     |
| TILE_2_QoS    | WVAuctionVM% | WVAuctionK8S% | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB | NoSQLBenchC |               |         |          |
| p0            | 0.25   0.00  | 0.41   0.00   | 367.94    | 379.35    | 395.37    | 0.59        | 0.59        | 0.59        |               |         |          |
| p1            | 0.29   0.01  | 0.44   0.00   | 373.90    | 387.37    | 403.78    | 0.62        | 0.62        | 0.61        |               |         |          |
| p2            | 0.32   0.01  | 0.46   0.00   | 369.03    | 375.95    | 395.03    | 0.63        | 0.63        | 0.63        |               |         |          |
| TILE_3_Scores | WVAuctionVM  | WVAuctionK8S  | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB | NoSQLBenchC | SocialNetwork | Standby |          |
| p0            | 14158.27     | 9239.85       | 2988.05   | 2256.20   | 1620.83   | 58034.62    | 58034.16    | 56756.18    | 57.75         | 1.00    |          |
| p1            | 14164.13     | 9260.68       | 2969.32   | 2241.72   | 1681.47   | 55103.18    | 55103.02    | 53513.63    | 56.54         | 1.00    |          |
| p2            | 14142.29     | 9223.25       | 2979.20   | 2239.78   | 1597.90   | 53499.83    | 53499.72    | 51649.26    | 55.65         | 1.00    |          |
| TILE_3_Ratios | WVAuctionVM  | WVAuctionK8S  | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB | NoSQLBenchC | SocialNetwork | Standby | Geo.Mean |
| p0            | 1.01         | 1.00          | 1.03      | 1.05      | 1.06      | 1.03        | 1.03        | 1.00        | 0.80          | 1.00    | 1.00     |
| p1            | 1.01         | 1.01          | 1.02      | 1.04      | 1.10      | 0.98        | 0.98        | 0.95        | 0.79          | 1.00    | 0.98     |
| p2            | 1.01         | 1.00          | 1.03      | 1.04      | 1.04      | 0.95        | 0.95        | 0.91        | 0.77          | 1.00    | 0.96     |
| TILE_3_QoS    | WVAuctionVM% | WVAuctionK8S% | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB | NoSQLBenchC |               |         |          |
| p0            | 0.25   0.00  | 0.61   0.05   | 369.66    | 359.58    | 394.79    | 0.59        | 0.59        | 0.61        |               |         |          |
| p1            | 0.26   0.00  | 0.59   0.04   | 382.70    | 374.25    | 406.54    | 0.62        | 0.63        | 0.65        |               |         |          |
| p2            | 0.30   0.00  | 0.64   0.02   | 371.98    | 375.11    | 421.73    | 0.63        | 0.64        | 0.67        |               |         |          |
| TILE_4_Scores | WVAuctionVM  | WVAuctionK8S  | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB | NoSQLBenchC | SocialNetwork | Standby |          |
| p0            | 14148.73     | 9250.77       | 2945.62   | 2322.82   | 1665.83   | 56230.71    | 56231.48    | 55207.24    | 53.35         | 1.00    |          |
| p1            | 14195.20     | 9244.53       | 2954.75   | 2140.22   | 1589.30   | 54059.88    | 54060.78    | 52738.54    | 52.46         | 1.00    |          |
| p2            | 14133.43     | 9285.03       | 2936.53   | 2301.53   | 1654.17   | 52451.57    | 52452.22    | 50861.87    | 51.37         | 1.00    |          |
| TILE_4_Ratios | WVAuctionVM  | WVAuctionK8S  | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB | NoSQLBenchC | SocialNetwork | Standby | Geo.Mean |
| p0            | 1.01         | 1.01          | 1.02      | 1.08      | 1.09      | 1.00        | 1.00        | 0.98        | 0.74          | 1.00    | 0.98     |
| p1            | 1.01         | 1.00          | 1.02      | 1.00      | 1.04      | 0.96        | 0.96        | 0.93        | 0.73          | 1.00    | 0.96     |
| p2            | 1.01         | 1.01          | 1.01      | 1.07      | 1.08      | 0.93        | 0.93        | 0.90        | 0.71          | 1.00    | 0.96     |
| TILE_4_QoS    | WVAuctionVM% | WVAuctionK8S% | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB | NoSQLBenchC |               |         |          |
| p0            | 0.28   0.00  | 0.55   0.01   | 396.83    | 368.24    | 424.17    | 0.59        | 0.59        | 0.60        |               |         |          |
| p1            | 0.31   0.00  | 0.57   0.00   | 388.17    | 395.63    | 430.39    | 0.63        | 0.63        | 0.65        |               |         |          |
| p2            | 0.36   0.02  | 0.61   0.01   | 397.13    | 380.74    | 439.01    | 0.64        | 0.64        | 0.67        |               |         |          |
| TILE_5_Scores | WVAuctionVM  | WVAuctionK8S  | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB | NoSQLBenchC | SocialNetwork | Standby |          |

|                                         |              |               |           |           |           |             |                  |             |               |                  |          |        |  |  |
|-----------------------------------------|--------------|---------------|-----------|-----------|-----------|-------------|------------------|-------------|---------------|------------------|----------|--------|--|--|
| p0                                      | 14153.41     | 9304.62       | 2966.62   | 2281.53   | 1767.85   | 57734.23    | 57735.71         | 57684.16    | 57.26         | 1.00             |          |        |  |  |
| p1                                      | 14134.23     | 9231.48       | 2944.12   | 2133.18   | 1519.72   | 55829.57    | 55830.77         | 55829.56    | 56.21         | 1.00             |          |        |  |  |
| p2                                      | 14146.31     | 9231.88       | 2934.28   | 2260.20   | 1721.12   | 53974.96    | 53975.57         | 53974.80    | 55.46         | 1.00             |          |        |  |  |
| TILE_5_Ratios                           | WVAuctionVM  | WVAuctionK8S  | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB      | NoSQLBenchC | SocialNetwork | Standby          | Geo.Mean |        |  |  |
| p0                                      | 1.01         | 1.01          | 1.02      | 1.06      | 1.16      | 1.02        | 1.02             | 1.02        | 0.80          | 1.00             | 1.01     |        |  |  |
| p1                                      | 1.01         | 1.00          | 1.02      | 0.99      | 0.99      | 0.99        | 0.99             | 0.99        | 0.78          | 1.00             | 0.97     |        |  |  |
| p2                                      | 1.01         | 1.00          | 1.01      | 1.05      | 1.12      | 0.96        | 0.96             | 0.96        | 0.77          | 1.00             | 0.98     |        |  |  |
| TILE_5_QoS                              | WVAuctionVM% | WVAuctionK8S% | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB      | NoSQLBenchC |               |                  |          |        |  |  |
| p0                                      | 0.27   0.00  | 0.58   0.01   | 383.85    | 400.10    | 396.86    | 0.59        | 0.59             | 0.58        |               |                  |          |        |  |  |
| p1                                      | 0.29   0.01  | 0.60   0.01   | 397.89    | 400.61    | 428.12    | 0.62        | 0.62             | 0.62        |               |                  |          |        |  |  |
| p2                                      | 0.32   0.01  | 0.64   0.01   | 397.43    | 412.39    | 441.86    | 0.64        | 0.63             | 0.63        |               |                  |          |        |  |  |
| TILE_6_Scores                           | WVAuctionVM  | WVAuctionK8S  | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB      | NoSQLBenchC | SocialNetwork | Standby          |          |        |  |  |
| p0                                      | 14163.57     | 9252.51       | 2979.50   | 2236.68   | 1698.65   | 52724.21    | 51790.03         | 52745.83    | 49.34         | 1.00             |          |        |  |  |
| p1                                      | 14144.37     | 9256.24       | 2968.90   | 2209.12   | 1609.90   | 51303.87    | 50053.38         | 51299.44    | 49.90         | 1.00             |          |        |  |  |
| p2                                      | 14135.55     | 9246.55       | 2934.47   | 2236.60   | 1700.35   | 50047.51    | 48546.69         | 50044.14    | 49.71         | 1.00             |          |        |  |  |
| TILE_6_Ratios                           | WVAuctionVM  | WVAuctionK8S  | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB      | NoSQLBenchC | SocialNetwork | Standby          | Geo.Mean |        |  |  |
| p0                                      | 1.01         | 1.01          | 1.03      | 1.04      | 1.11      | 0.93        | 0.92             | 0.93        | 0.69          | 1.00             | 0.95     |        |  |  |
| p1                                      | 1.01         | 1.01          | 1.02      | 1.03      | 1.05      | 0.91        | 0.89             | 0.91        | 0.69          | 1.00             | 0.94     |        |  |  |
| p2                                      | 1.01         | 1.01          | 1.01      | 1.04      | 1.11      | 0.89        | 0.86             | 0.89        | 0.69          | 1.00             | 0.94     |        |  |  |
| TILE_6_QoS                              | WVAuctionVM% | WVAuctionK8S% | DVDStoreA | DVDStoreB | DVDStoreC | NoSQLBenchA | NoSQLBenchB      | NoSQLBenchC |               |                  |          |        |  |  |
| p0                                      | 0.27   0.00  | 0.61   0.04   | 377.29    | 378.72    | 394.03    | 0.62        | 0.63             | 0.62        |               |                  |          |        |  |  |
| p1                                      | 0.31   0.00  | 0.61   0.00   | 383.95    | 392.91    | 410.15    | 0.66        | 0.69             | 0.66        |               |                  |          |        |  |  |
| p2                                      | 0.36   0.02  | 0.62   0.01   | 402.95    | 376.87    | 393.67    | 0.66        | 0.69             | 0.66        |               |                  |          |        |  |  |
| p0_score:                               | 6.89         |               |           |           |           |             |                  |             |               |                  |          |        |  |  |
| p1_score:                               | 6.78         |               |           |           |           |             |                  |             |               |                  |          |        |  |  |
| p2_score:                               | 6.70         |               |           |           |           |             |                  |             |               |                  |          |        |  |  |
| Infrastructure_Operations_Scores:       |              |               |           |           |           | vMotion     |                  | SVMotion    |               | XVMotion         |          | Deploy |  |  |
| Completed_Ops_PerHour                   |              |               |           |           |           | 29.00       |                  | 16.00       |               | 16.00            |          | 15.00  |  |  |
| Avg_Seconds_To_Complete                 |              |               |           |           |           | 2.09        |                  | 25.25       |               | 23.72            |          | 193.60 |  |  |
| Failures                                |              |               |           |           |           | 0.00        |                  | 0.00        |               | 0.00             |          | 0.00   |  |  |
| Ratio                                   |              |               |           |           |           | 0.98        |                  | 1.23        |               | 1.23             |          | 1.03   |  |  |
| Number_Of_Threads                       |              |               |           |           |           | 1           |                  | 1           |               | 1                |          | 1      |  |  |
| Summary                                 |              |               |           |           |           |             | Run_Is_Compliant |             |               | Median_Phase(p1) |          |        |  |  |
| Unreviewed_VMmark4_Applications_Score   |              |               |           |           |           |             | 6.78             |             |               |                  |          |        |  |  |
| Unreviewed_VMmark4_Infrastructure_Score |              |               |           |           |           |             | 1.11             |             |               |                  |          |        |  |  |
| Unreviewed_VMmark4_Score                |              |               |           |           |           |             | 5.64 @ 7 Tiles   |             |               |                  |          |        |  |  |



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|                                                                                       | <table><tr><td><b>DIMM-1L</b></td><td>256 GB</td><td>5600 MT/s</td><td>5600 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td><b>DIMM-1M</b></td><td>256 GB</td><td>5600 MT/s</td><td>5600 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td><b>DIMM-1N</b></td><td>256 GB</td><td>5600 MT/s</td><td>5600 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td><b>DIMM-1O</b></td><td>256 GB</td><td>5600 MT/s</td><td>5600 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td><b>DIMM-1P</b></td><td>256 GB</td><td>5600 MT/s</td><td>5600 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td><b>DIMM-1Q</b></td><td>256 GB</td><td>5600 MT/s</td><td>5600 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td><b>DIMM-1R</b></td><td>256 GB</td><td>5600 MT/s</td><td>5600 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td><b>DIMM-1S</b></td><td>256 GB</td><td>5600 MT/s</td><td>5600 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td><b>DIMM-1T</b></td><td>256 GB</td><td>5600 MT/s</td><td>5600 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td><b>DIMM-1U</b></td><td>256 GB</td><td>5600 MT/s</td><td>5600 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td><b>DIMM-1V</b></td><td>256 GB</td><td>5600 MT/s</td><td>5600 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td><b>DIMM-1W</b></td><td>256 GB</td><td>5600 MT/s</td><td>5600 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr><tr><td><b>DIMM-1X</b></td><td>256 GB</td><td>5600 MT/s</td><td>5600 MT/s</td><td>2</td><td>DDR5</td><td>Synchronous, Registered</td></tr></table> | <b>DIMM-1L</b> | 256 GB                | 5600 MT/s       | 5600 MT/s             | 2                       | DDR5          | Synchronous, Registered                                  | <b>DIMM-1M</b> | 256 GB      | 5600 MT/s      | 5600 MT/s     | 2                                                        | DDR5    | Synchronous, Registered | <b>DIMM-1N</b> | 256 GB        | 5600 MT/s                                                | 5600 MT/s | 2          | DDR5           | Synchronous, Registered | <b>DIMM-1O</b>                                           | 256 GB  | 5600 MT/s  | 5600 MT/s      | 2              | DDR5                                                     | Synchronous, Registered | <b>DIMM-1P</b> | 256 GB         | 5600 MT/s      | 5600 MT/s                                                | 2       | DDR5       | Synchronous, Registered | <b>DIMM-1Q</b> | 256 GB                                                   | 5600 MT/s | 5600 MT/s  | 2              | DDR5           | Synchronous, Registered                                  | <b>DIMM-1R</b> | 256 GB     | 5600 MT/s      | 5600 MT/s | 2 | DDR5 | Synchronous, Registered | <b>DIMM-1S</b> | 256 GB | 5600 MT/s | 5600 MT/s | 2 | DDR5 | Synchronous, Registered | <b>DIMM-1T</b> | 256 GB | 5600 MT/s | 5600 MT/s | 2 | DDR5 | Synchronous, Registered | <b>DIMM-1U</b> | 256 GB | 5600 MT/s | 5600 MT/s | 2 | DDR5 | Synchronous, Registered | <b>DIMM-1V</b> | 256 GB | 5600 MT/s | 5600 MT/s | 2 | DDR5 | Synchronous, Registered | <b>DIMM-1W</b> | 256 GB | 5600 MT/s | 5600 MT/s | 2 | DDR5 | Synchronous, Registered | <b>DIMM-1X</b> | 256 GB | 5600 MT/s | 5600 MT/s | 2 | DDR5 | Synchronous, Registered |
| <b>DIMM-1L</b>                                                                        | 256 GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5600 MT/s      | 5600 MT/s             | 2               | DDR5                  | Synchronous, Registered |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>DIMM-1M</b>                                                                        | 256 GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5600 MT/s      | 5600 MT/s             | 2               | DDR5                  | Synchronous, Registered |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>DIMM-1N</b>                                                                        | 256 GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5600 MT/s      | 5600 MT/s             | 2               | DDR5                  | Synchronous, Registered |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>DIMM-1O</b>                                                                        | 256 GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5600 MT/s      | 5600 MT/s             | 2               | DDR5                  | Synchronous, Registered |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>DIMM-1P</b>                                                                        | 256 GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5600 MT/s      | 5600 MT/s             | 2               | DDR5                  | Synchronous, Registered |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>DIMM-1Q</b>                                                                        | 256 GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5600 MT/s      | 5600 MT/s             | 2               | DDR5                  | Synchronous, Registered |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>DIMM-1R</b>                                                                        | 256 GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5600 MT/s      | 5600 MT/s             | 2               | DDR5                  | Synchronous, Registered |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>DIMM-1S</b>                                                                        | 256 GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5600 MT/s      | 5600 MT/s             | 2               | DDR5                  | Synchronous, Registered |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>DIMM-1T</b>                                                                        | 256 GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5600 MT/s      | 5600 MT/s             | 2               | DDR5                  | Synchronous, Registered |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>DIMM-1U</b>                                                                        | 256 GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5600 MT/s      | 5600 MT/s             | 2               | DDR5                  | Synchronous, Registered |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>DIMM-1V</b>                                                                        | 256 GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5600 MT/s      | 5600 MT/s             | 2               | DDR5                  | Synchronous, Registered |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>DIMM-1W</b>                                                                        | 256 GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5600 MT/s      | 5600 MT/s             | 2               | DDR5                  | Synchronous, Registered |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>DIMM-1X</b>                                                                        | 256 GB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5600 MT/s      | 5600 MT/s             | 2               | DDR5                  | Synchronous, Registered |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| Number of SAS Devices                                                                 | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                       |                 |                       |                         |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| SAS Device Vendors and Models                                                         | <table><tr><td><b>Device</b></td><td><b>Model</b></td><td><b>Driver</b></td><td><b>Driver Version</b></td><td><b>Firmware</b></td></tr><tr><td><b>vmhba6</b></td><td>PRAID EP680i</td><td>lsi_mr3</td><td>7.728.02.00</td><td>52.28.0-5358</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Device</b>  | <b>Model</b>          | <b>Driver</b>   | <b>Driver Version</b> | <b>Firmware</b>         | <b>vmhba6</b> | PRAID EP680i                                             | lsi_mr3        | 7.728.02.00 | 52.28.0-5358   |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>Device</b>                                                                         | <b>Model</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Driver</b>  | <b>Driver Version</b> | <b>Firmware</b> |                       |                         |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>vmhba6</b>                                                                         | PRAID EP680i                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | lsi_mr3        | 7.728.02.00           | 52.28.0-5358    |                       |                         |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| Number of Virtual Host Bus Adapters                                                   | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                |                       |                 |                       |                         |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| Virtual Host Bus Adapter Vendors and Models                                           | <table><tr><td><b>HBA</b></td><td><b>Model</b></td><td><b>Speed</b></td><td><b>Driver</b></td><td><b>Firmware</b></td></tr><tr><td><b>vmhba2</b></td><td>QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter</td><td>32 Gbps</td><td>qlnativefc</td><td>9.14.02 (d0d5)</td></tr><tr><td><b>vmhba3</b></td><td>QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter</td><td>32 Gbps</td><td>qlnativefc</td><td>9.14.02 (d0d5)</td></tr><tr><td><b>vmhba4</b></td><td>QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter</td><td>32 Gbps</td><td>qlnativefc</td><td>9.14.02 (d0d5)</td></tr><tr><td><b>vmhba5</b></td><td>QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter</td><td>32 Gbps</td><td>qlnativefc</td><td>9.14.02 (d0d5)</td></tr><tr><td><b>vmhba64</b></td><td>QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter</td><td>32 Gbps</td><td>qlnativefc</td><td>9.14.02 (d0d5)</td></tr><tr><td><b>vmhba65</b></td><td>QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter</td><td>32 Gbps</td><td>qlnativefc</td><td>9.14.02 (d0d5)</td></tr><tr><td><b>vmhba66</b></td><td>QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter</td><td>32 Gbps</td><td>qlnativefc</td><td>9.14.02 (d0d5)</td></tr><tr><td><b>vmhba67</b></td><td>QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter</td><td>32 Gbps</td><td>qlnativefc</td><td>9.14.02 (d0d5)</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>HBA</b>     | <b>Model</b>          | <b>Speed</b>    | <b>Driver</b>         | <b>Firmware</b>         | <b>vmhba2</b> | QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter | 32 Gbps        | qlnativefc  | 9.14.02 (d0d5) | <b>vmhba3</b> | QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter | 32 Gbps | qlnativefc              | 9.14.02 (d0d5) | <b>vmhba4</b> | QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter | 32 Gbps   | qlnativefc | 9.14.02 (d0d5) | <b>vmhba5</b>           | QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter | 32 Gbps | qlnativefc | 9.14.02 (d0d5) | <b>vmhba64</b> | QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter | 32 Gbps                 | qlnativefc     | 9.14.02 (d0d5) | <b>vmhba65</b> | QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter | 32 Gbps | qlnativefc | 9.14.02 (d0d5)          | <b>vmhba66</b> | QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter | 32 Gbps   | qlnativefc | 9.14.02 (d0d5) | <b>vmhba67</b> | QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter | 32 Gbps        | qlnativefc | 9.14.02 (d0d5) |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>HBA</b>                                                                            | <b>Model</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Speed</b>   | <b>Driver</b>         | <b>Firmware</b> |                       |                         |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>vmhba2</b>                                                                         | QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 32 Gbps        | qlnativefc            | 9.14.02 (d0d5)  |                       |                         |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>vmhba3</b>                                                                         | QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 32 Gbps        | qlnativefc            | 9.14.02 (d0d5)  |                       |                         |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>vmhba4</b>                                                                         | QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 32 Gbps        | qlnativefc            | 9.14.02 (d0d5)  |                       |                         |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>vmhba5</b>                                                                         | QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 32 Gbps        | qlnativefc            | 9.14.02 (d0d5)  |                       |                         |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>vmhba64</b>                                                                        | QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 32 Gbps        | qlnativefc            | 9.14.02 (d0d5)  |                       |                         |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>vmhba65</b>                                                                        | QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 32 Gbps        | qlnativefc            | 9.14.02 (d0d5)  |                       |                         |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>vmhba66</b>                                                                        | QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 32 Gbps        | qlnativefc            | 9.14.02 (d0d5)  |                       |                         |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| <b>vmhba67</b>                                                                        | QLogic QLE2772 Dual Port 32/16/8GFC PCIe Gen 4x8 Adapter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 32 Gbps        | qlnativefc            | 9.14.02 (d0d5)  |                       |                         |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| Power Supply Quantity, Name/Part Number, Wattage, Firmware, and Type (Voltage, AC/DC) | 1 x PY-PU221, 2200W, REV 01A, 200V AC, for each SUT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                |                       |                 |                       |                         |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| Cooling Type (Air Cooling, Closed Loop Cooling, Direct Liquid Cooling, or Other)      | Air Cooling                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |                       |                 |                       |                         |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| Other Hardware                                                                        | FC Switch: 1 x Brocade G620 48port, 32Gbps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |                       |                 |                       |                         |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| Other Software                                                                        | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                |                       |                 |                       |                         |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |
| BIOS Availability Date (MM-DD-YYYY)                                                   | 10-09-2024                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |                       |                 |                       |                         |               |                                                          |                |             |                |               |                                                          |         |                         |                |               |                                                          |           |            |                |                         |                                                          |         |            |                |                |                                                          |                         |                |                |                |                                                          |         |            |                         |                |                                                          |           |            |                |                |                                                          |                |            |                |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |                |        |           |           |   |      |                         |

|                                                                                   |                                                                            |                    |                  |                            |                          |        |                                               |  |  |  |
|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------|------------------|----------------------------|--------------------------|--------|-----------------------------------------------|--|--|--|
| Hardware Availability Date (MM-DD-YYYY)                                           | 01-28-2025                                                                 |                    |                  |                            |                          |        |                                               |  |  |  |
| Software Availability Date (MM-DD-YYYY)                                           | 06-25-2024                                                                 |                    |                  |                            |                          |        |                                               |  |  |  |
| Network                                                                           |                                                                            |                    |                  |                            |                          |        |                                               |  |  |  |
| Number of Virtual Network Controllers                                             | 5                                                                          |                    |                  |                            |                          |        |                                               |  |  |  |
| Virtual Network Controllers, Speeds, MTUs, Firmware, Drivers, Vendors, and Models | Device                                                                     | Speed              | Duplex           | MTU                        | Firmware                 | Driver | Description                                   |  |  |  |
|                                                                                   | vmnic0                                                                     | 1 Gbps             | Full             | 1500                       | 3.30.0:0x8000079c        | igbn   | Intel(R) I210 Gigabit Network Connection      |  |  |  |
|                                                                                   | vmnic1                                                                     | 25 Gbps            | Full             | 1500                       | 4.30 0x8001af27 1.3429.0 | icen   | Intel(R) Ethernet Controller E810-XXV for SFP |  |  |  |
|                                                                                   | vmnic2                                                                     | 25 Gbps            | Full             | 1500                       | 4.30 0x8001af27 1.3429.0 | icen   | Intel(R) Ethernet Controller E810-XXV for SFP |  |  |  |
|                                                                                   | vmnic3                                                                     | 25 Gbps            | Full             | 1500                       | 4.30 0x8001af27 1.3429.0 | icen   | Intel(R) Ethernet Controller E810-XXV for SFP |  |  |  |
|                                                                                   | vmnic4                                                                     | 25 Gbps            | Full             | 1500                       | 4.30 0x8001af27 1.3429.0 | icen   | Intel(R) Ethernet Controller E810-XXV for SFP |  |  |  |
|                                                                                   |                                                                            |                    |                  |                            |                          |        |                                               |  |  |  |
| Number of Virtual Switches                                                        | 3                                                                          |                    |                  |                            |                          |        |                                               |  |  |  |
| Virtual Switches, Ports, Port Groups, MTUs, and Uplinks                           | Switch                                                                     | Ports              | Configured Ports | MTU                        | Uplinks                  |        |                                               |  |  |  |
|                                                                                   | vSwitch0                                                                   | 9216               | 128              | 1500                       | vmnic0                   |        |                                               |  |  |  |
|                                                                                   | vSwitch1                                                                   | 9216               | 128              | 1500                       | vmnic1 , vmnic2, vmnic3  |        |                                               |  |  |  |
|                                                                                   | vSwitch2                                                                   | 9216               | 128              | 1500                       | vmnic4                   |        |                                               |  |  |  |
|                                                                                   |                                                                            |                    |                  |                            |                          |        |                                               |  |  |  |
|                                                                                   | Switch                                                                     | Port Group         | VLAN ID          | Uplinks                    |                          |        |                                               |  |  |  |
|                                                                                   | vSwitch0                                                                   | Management Network | 0                | vmnic0                     |                          |        |                                               |  |  |  |
|                                                                                   | vSwitch0                                                                   | VM Network         | 0                | vmnic0                     |                          |        |                                               |  |  |  |
|                                                                                   | vSwitch1                                                                   | Load Network 1     | 0                | vmnic1 , vmnic2, vmnic3    |                          |        |                                               |  |  |  |
|                                                                                   | vSwitch2                                                                   | vMotion            | 0                | vmnic4                     |                          |        |                                               |  |  |  |
|                                                                                   |                                                                            |                    |                  |                            |                          |        |                                               |  |  |  |
|                                                                                   |                                                                            |                    |                  |                            |                          |        |                                               |  |  |  |
|                                                                                   |                                                                            |                    |                  |                            |                          |        |                                               |  |  |  |
| 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                                                                       | vMotion            | 1500             | Default                    | vMotion                  |        |                                               |  |  |  |
| Physical Switch Vendors, Models, and Speeds                                       | 1 x Fujitsu SR-X340TR1, 1Gbps<br>1 x Extreme Networks SLX 9150-48Y, 25Gbps |                    |                  |                            |                          |        |                                               |  |  |  |
| Primary Storage                                                                   |                                                                            |                    |                  |                            |                          |        |                                               |  |  |  |
| Storage Category                                                                  | SCSI Target                                                                |                    |                  |                            |                          |        |                                               |  |  |  |
| Datastores                                                                        | Datastores                                                                 | Type               | Size             | Storage Device             |                          |        |                                               |  |  |  |
|                                                                                   | M6_1_nvme0n1p1                                                             | VMFS-6             | 643.2 GB         | LIO-ORG Fibre Channel Disk |                          |        |                                               |  |  |  |
|                                                                                   | M6_1_nvme1n1p1                                                             | VMFS-6             | 643.2 GB         | LIO-ORG Fibre Channel Disk |                          |        |                                               |  |  |  |
|                                                                                   | M6_1_nvme2n1p1                                                             | VMFS-6             | 643.2 GB         | LIO-ORG Fibre Channel Disk |                          |        |                                               |  |  |  |
|                                                                                   | M6_1_nvme3n1p1                                                             | VMFS-6             | 643.2 GB         | LIO-ORG Fibre Channel Disk |                          |        |                                               |  |  |  |
|                                                                                   | M6_1_nvme4n1p1                                                             | VMFS-6             | 643.2 GB         | LIO-ORG Fibre Channel Disk |                          |        |                                               |  |  |  |
|                                                                                   |                                                                            |                    |                  |                            |                          |        |                                               |  |  |  |

|                |        |          |                            |
|----------------|--------|----------|----------------------------|
| M6_1_nvme5n1p1 | VMFS-6 | 643.2 GB | LIO-ORG Fibre Channel Disk |
| M6_1_nvme6n1p1 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_1_nvme6n1p2 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_1_nvme6n1p3 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_1_nvme6n1p4 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_1_nvme6n1p5 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_1_nvme6n1p6 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_2_nvme0n1p1 | VMFS-6 | 643.2 GB | LIO-ORG Fibre Channel Disk |
| M6_2_nvme1n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_2_nvme2n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_2_nvme3n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_2_nvme4n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_2_nvme5n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_2_nvme6n1p1 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_2_nvme6n1p2 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_2_nvme6n1p3 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_2_nvme6n1p4 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_2_nvme6n1p5 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_2_nvme6n1p6 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_3_nvme0n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_3_nvme1n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_3_nvme2n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_3_nvme3n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_3_nvme4n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_3_nvme5n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_3_nvme6n1p1 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_3_nvme6n1p2 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_3_nvme6n1p3 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_3_nvme6n1p4 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_3_nvme6n1p5 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_3_nvme6n1p6 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_4_nvme0n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_4_nvme1n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_4_nvme2n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_4_nvme3n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_4_nvme4n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_4_nvme5n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |

|                |        |          |                            |
|----------------|--------|----------|----------------------------|
| M6_4_nvme6n1p1 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_4_nvme6n1p2 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_4_nvme6n1p3 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_4_nvme6n1p4 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_4_nvme6n1p5 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_4_nvme6n1p6 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_5_nvme0n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_5_nvme1n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_5_nvme2n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_5_nvme3n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_5_nvme4n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_5_nvme5n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_5_nvme6n1p1 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_5_nvme6n1p2 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_5_nvme6n1p3 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_5_nvme6n1p4 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_5_nvme6n1p5 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_5_nvme6n1p6 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_6_nvme0n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_6_nvme1n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_6_nvme2n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_6_nvme3n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_6_nvme4n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_6_nvme5n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_6_nvme6n1p1 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_6_nvme6n1p2 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_6_nvme6n1p3 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_6_nvme6n1p4 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_6_nvme6n1p5 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_6_nvme6n1p6 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_7_nvme0n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_7_nvme1n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_7_nvme2n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_7_nvme3n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_7_nvme4n1p1 | VMFS-6 | 644.0 GB | LIO-ORG Fibre Channel Disk |
| M6_7_nvme5n1p1 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |
| M6_7_nvme5n1p2 | VMFS-6 | 498.5 GB | LIO-ORG Fibre Channel Disk |



[illegible]

[illegible]

|                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |               |         |           |     |             |                               |   |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------|---------|-----------|-----|-------------|-------------------------------|---|
|                                                                                    | LIO-ORG Fibre Channel Disk                                                                                                                                                                                                                                                                                                                                                                                                                              | 646.0 GB | Direct-Access | LIO-ORG | nvme0n1p1 | 4.0 | VMW_PSP_MRU | Current Path=vmhba3:C0:T26:L0 | 1 |
|                                                                                    | LIO-ORG Fibre Channel Disk                                                                                                                                                                                                                                                                                                                                                                                                                              | 646.0 GB | Direct-Access | LIO-ORG | nvme3n1p1 | 4.0 | VMW_PSP_MRU | Current Path=vmhba5:C0:T12:L3 | 1 |
|                                                                                    | LIO-ORG Fibre Channel Disk                                                                                                                                                                                                                                                                                                                                                                                                                              | 646.0 GB | Direct-Access | LIO-ORG | nvme4n1p1 | 4.0 | VMW_PSP_MRU | Current Path=vmhba3:C0:T2:L4  | 1 |
|                                                                                    | LIO-ORG Fibre Channel Disk                                                                                                                                                                                                                                                                                                                                                                                                                              | 646.0 GB | Direct-Access | LIO-ORG | nvme4n1p1 | 4.0 | VMW_PSP_MRU | Current Path=vmhba5:C0:T12:L4 | 1 |
|                                                                                    | LIO-ORG Fibre Channel Disk                                                                                                                                                                                                                                                                                                                                                                                                                              | 646.0 GB | Direct-Access | LIO-ORG | nvme2n1p1 | 4.0 | VMW_PSP_MRU | Current Path=vmhba4:C0:T6:L2  | 1 |
|                                                                                    | LIO-ORG Fibre Channel Disk                                                                                                                                                                                                                                                                                                                                                                                                                              | 646.0 GB | Direct-Access | LIO-ORG | nvme3n1p1 | 4.0 | VMW_PSP_MRU | Current Path=vmhba3:C0:T26:L3 | 1 |
| How Datastores Map to Storage Devices                                              | All datastores were mapped to NVMe SSDs on PRIMERGY servers as FibreChannel Targets. See Storage Notes section for the details.                                                                                                                                                                                                                                                                                                                         |          |               |         |           |     |             |                               |   |
| VMware vSAN Configuration (if used)                                                | None                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |               |         |           |     |             |                               |   |
| RAID Configuration (if used)                                                       | None                                                                                                                                                                                                                                                                                                                                                                                                                                                    |          |               |         |           |     |             |                               |   |
| Server Management                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |               |         |           |     |             |                               |   |
| VMware vCenter Server Number of vCPUs                                              | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |               |         |           |     |             |                               |   |
| VMware vCenter Server Virtual Memory (in GB)                                       | 21                                                                                                                                                                                                                                                                                                                                                                                                                                                      |          |               |         |           |     |             |                               |   |
| Clients                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |               |         |           |     |             |                               |   |
| Total Client VMs (including Prime Client)                                          | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |               |         |           |     |             |                               |   |
| Number of Client Hosts (all subsequent fields in this section are per Client Host) | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |               |         |           |     |             |                               |   |
| System Model(s)                                                                    | <ul style="list-style-type: none"><li>Client Host 1: Fujitsu PRIMERGY RX2540 M7</li><li>Client Host 2: Fujitsu PRIMERGY RX2540 M7</li><li>Client Host 3: Fujitsu PRIMERGY RX4770 M7</li><li>Client Host 4: Fujitsu PRIMERGY TX2550 M7</li><li>Client Host 5: Fujitsu PRIMERGY RX2530 M7</li><li>Client Host 6: Fujitsu PRIMERGY RX2530 M6</li><li>Client Host 7: Fujitsu PRIMERGY RX2530 M6</li><li>Client Host 8: Fujitsu PRIMERGY RX2530 M6</li></ul> |          |               |         |           |     |             |                               |   |
| Processor Vendor(s) and Model(s)                                                   | <ul style="list-style-type: none"><li>Client Host 1: Intel Xeon Platinum 8480+</li><li>Client Host 2: Intel Xeon Platinum 8480+</li><li>Client Host 3: Intel Xeon Platinum 8490H</li><li>Client Host 4: Intel Xeon Gold 6554S</li><li>Client Host 5: Intel Xeon Platinum 8480+</li><li>Client Host 6: Intel Xeon Platinum 8368</li><li>Client Host 7: Intel Xeon Platinum 8368</li><li>Client Host 8: Intel Xeon Platinum 8368</li></ul>                |          |               |         |           |     |             |                               |   |
| Processor Speed(s) (GHz)                                                           | <ul style="list-style-type: none"><li>Client Host 1: 2.0 GHz</li><li>Client Host 2: 2.0 GHz</li><li>Client Host 3: 1.9 GHz</li><li>Client Host 4: 2.2 GHz</li></ul>                                                                                                                                                                                                                                                                                     |          |               |         |           |     |             |                               |   |

|                                         |                                                                                                                                                                                                                                                 |             |         |         |        |                          |          |                                                  |             |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|---------|---------|--------|--------------------------|----------|--------------------------------------------------|-------------|
|                                         | <ul style="list-style-type: none"><li>Client Host 5: 2.0 GHz</li><li>Client Host 6: 2.4 GHz</li><li>Client Host 7: 2.4 GHz</li><li>Client Host 8: 2.4 GHz</li></ul>                                                                             |             |         |         |        |                          |          |                                                  |             |
| Total Sockets/Total Cores/Total Threads | Client Host                                                                                                                                                                                                                                     | Sockets     | Cores   | Threads |        |                          |          |                                                  |             |
|                                         | Client Host 1                                                                                                                                                                                                                                   | 2           | 112     | 224     |        |                          |          |                                                  |             |
|                                         | Client Host 2                                                                                                                                                                                                                                   | 2           | 112     | 224     |        |                          |          |                                                  |             |
|                                         | Client Host 3                                                                                                                                                                                                                                   | 4           | 240     | 480     |        |                          |          |                                                  |             |
|                                         | Client Host 4                                                                                                                                                                                                                                   | 2           | 36      | 72      |        |                          |          |                                                  |             |
|                                         | Client Host 5                                                                                                                                                                                                                                   | 2           | 112     | 224     |        |                          |          |                                                  |             |
|                                         | Client Host 6                                                                                                                                                                                                                                   | 2           | 76      | 152     |        |                          |          |                                                  |             |
|                                         | Client Host 7                                                                                                                                                                                                                                   | 2           | 76      | 152     |        |                          |          |                                                  |             |
|                                         | Client Host 8                                                                                                                                                                                                                                   | 2           | 76      | 152     |        |                          |          |                                                  |             |
|                                         | Total                                                                                                                                                                                                                                           | 18          | 840     | 1680    |        |                          |          |                                                  |             |
| NUMA Nodes                              | <ul style="list-style-type: none"><li>Client Host 1: 2</li><li>Client Host 2: 2</li><li>Client Host 3: 4</li><li>Client Host 4: 1</li><li>Client Host 5: 2</li><li>Client Host 6: 2</li><li>Client Host 7: 2</li><li>Client Host 8: 2</li></ul> |             |         |         |        |                          |          |                                                  |             |
| Memory Size (in GB) per Client Host     | Client Host                                                                                                                                                                                                                                     | BIOS        | ESXi    |         |        |                          |          |                                                  |             |
|                                         | Client Host 1                                                                                                                                                                                                                                   | 512 GB      | 512 GB  |         |        |                          |          |                                                  |             |
|                                         | Client Host 2                                                                                                                                                                                                                                   | 512 GB      | 512 GB  |         |        |                          |          |                                                  |             |
|                                         | Client Host 3                                                                                                                                                                                                                                   | 2048 GB     | 2048 GB |         |        |                          |          |                                                  |             |
|                                         | Client Host 4                                                                                                                                                                                                                                   | 384 GB      | 384 GB  |         |        |                          |          |                                                  |             |
|                                         | Client Host 5                                                                                                                                                                                                                                   | 1024 GB     | 1024 GB |         |        |                          |          |                                                  |             |
|                                         | Client Host 6                                                                                                                                                                                                                                   | 512 GB      | 512 GB  |         |        |                          |          |                                                  |             |
|                                         | Client Host 7                                                                                                                                                                                                                                   | 2048 GB     | 2048 GB |         |        |                          |          |                                                  |             |
|                                         | Client Host 8                                                                                                                                                                                                                                   | 2048 GB     | 2048 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   | 3.25.0:0x800005cb        | igbn     | Intel(R) I210 Gigabit Network Connection         |             |
|                                         |                                                                                                                                                                                                                                                 | vmnic1      | 10 Gbps | Full    | 1500   | 9.20 0x8000d93a 1.3353.0 | i40en    | Intel(R) Ethernet Controller X710 for 10GbE SFP+ |             |
|                                         |                                                                                                                                                                                                                                                 | vmnic2      | 10 Gbps | Full    | 1500   | 9.20 0x8000d93a 1.3353.0 | i40en    | Intel(R) Ethernet Controller X710 for 10GbE SFP+ |             |
| Client Host 2                           |                                                                                                                                                                                                                                                 | vmnic0      | 1 Gbps  | Full    | 1500   | 3.25.0:0x800005cb        | igbn     | Intel(R) I210 Gigabit Network Connection         |             |
|                                         |                                                                                                                                                                                                                                                 | vmnic1      | 10 Gbps | Full    | 1500   | 9.20 0x8000d93a 1.3353.0 | i40en    | Intel(R) Ethernet Controller X710 for 10GbE SFP+ |             |
|                                         |                                                                                                                                                                                                                                                 | vmnic2      | 10 Gbps | Full    | 1500   | 9.20 0x8000d93a 1.3353.0 | i40en    | Intel(R) Ethernet Controller X710 for 10GbE SFP+ |             |



|  |               |          |                    |   |                                 |
|--|---------------|----------|--------------------|---|---------------------------------|
|  | Client Host 1 | vSwitch0 | Management Network | 0 | vmnic0                          |
|  |               | vSwitch0 | VM Network         | 0 | vmnic0                          |
|  |               | vSwitch0 | vmotion            | 0 | vmnic0                          |
|  |               | vSwitch1 | Load Network 1     | 0 | vmnic1 , vmnic2                 |
|  | Client Host 2 | vSwitch0 | Management Network | 0 | vmnic0                          |
|  |               | vSwitch0 | VM Network         | 0 | vmnic0                          |
|  |               | vSwitch0 | vmotion            | 0 | vmnic0                          |
|  |               | vSwitch1 | Load Network 1     | 0 | vmnic1 , vmnic2                 |
|  | Client Host 3 | vSwitch0 | Management Network | 0 | vmnic0                          |
|  |               | vSwitch0 | VM Network         | 0 | vmnic0                          |
|  |               | vSwitch0 | vMotion            | 0 | vmnic0                          |
|  |               | vSwitch1 | Load Network 1     | 0 | vmnic1 , vmnic2, vmnic3, vmnic4 |
|  | Client Host 4 | vSwitch0 | Management Network | 0 | vmnic0                          |
|  |               | vSwitch0 | VM Network         | 0 | vmnic0                          |
|  |               | vSwitch0 | vMotion            | 0 | vmnic0                          |
|  |               | vSwitch1 | Load Network 1     | 0 | vmnic2, vmnic3                  |
|  | Client Host 5 | vSwitch0 | Management Network | 0 | vmnic0                          |
|  |               | vSwitch0 | VM Network         | 0 | vmnic0                          |
|  |               | vSwitch0 | vmotion            | 0 | vmnic0                          |
|  |               | vSwitch1 | Load Network 1     | 0 | vmnic1 , vmnic2                 |
|  | Client Host 6 | vSwitch0 | Management Network | 0 | vmnic0                          |
|  |               | vSwitch0 | VM Network         | 0 | vmnic0                          |
|  |               | vSwitch0 | vmotion            | 0 | vmnic0                          |
|  |               | vSwitch1 | Load Network 1     | 0 | vmnic4, vmnic5                  |
|  | Client Host 7 | vSwitch0 | Management Network | 0 | vmnic0                          |
|  |               | vSwitch0 | VM Network         | 0 | vmnic0                          |
|  |               | vSwitch0 | vmotion            | 0 | vmnic0                          |
|  |               | vSwitch1 | Load Network 1     | 0 | vmnic6, vmnic7                  |
|  | Client Host 8 | vSwitch0 | Management Network | 0 | vmnic0                          |
|  |               | vSwitch0 | VM Network         | 0 | vmnic0                          |
|  |               | vSwitch0 | vmotion            | 0 | vmnic0                          |
|  |               | vSwitch1 | Load Network 1     | 0 | vmnic6, vmnic7                  |

|                                                                                 |               |        |                    |      |              |            |
|---------------------------------------------------------------------------------|---------------|--------|--------------------|------|--------------|------------|
| VMkernel Network Adapters,<br>Port Groups, MTUs, TCP/IP<br>Stacks, and Services | Client Host   | Device | Port Group/DVPort  | MTU  | TCP/IP Stack | Services   |
|                                                                                 | Client Host 1 | vmk0   | Management Network | 1500 | Default      | Management |
|                                                                                 |               | vmk1   | vmotion            | 1500 | Default      | vMotion    |
|                                                                                 | Client Host 2 | vmk0   | Management Network | 1500 | Default      | Management |
|                                                                                 |               | vmk1   | vmotion            | 1500 | Default      | vMotion    |

|  |               |      |                    |      |         |            |
|--|---------------|------|--------------------|------|---------|------------|
|  | Client Host 3 | vmk0 | Management Network | 1500 | Default | Management |
|  |               | vmk1 | vMotion            | 1500 | Default | vMotion    |
|  | Client Host 4 | vmk0 | Management Network | 1500 | Default | Management |
|  |               | vmk1 | vMotion            | 1500 | Default | vMotion    |
|  | Client Host 5 | vmk0 | Management Network | 1500 | Default | Management |
|  |               | vmk1 | vmotion            | 1500 | Default | vMotion    |
|  | Client Host 6 | vmk0 | Management Network | 1500 | Default | Management |
|  |               | vmk1 | vmotion            | 1500 | Default | vMotion    |
|  | Client Host 7 | vmk0 | Management Network | 1500 | Default | Management |
|  |               | vmk1 | vmotion            | 1500 | Default | vMotion    |
|  | Client Host 8 | vmk0 | Management Network | 1500 | Default | Management |
|  |               | vmk1 | vmotion            | 1500 | Default | vMotion    |

|                      |                                          |
|----------------------|------------------------------------------|
| Client Storage Notes | See Client Notes Section                 |
| Other Hardware       | None                                     |
| Other Software       | VMware ESXi 8.0 Update 2, Build 22380479 |

Notes for Workload

Template deployed with disk type: Thick Lazy

Virtualization Software Notes

- vSphere DRS Enabled
- vSphere DRS Automation Level set to Fully Automated
- vSphere DRS Migration Threshold set to 2
- Logical CPU layout changed for all multi-CPU VMs to 1 socket with multiple cores except template, clients and prime client VMs (default single core per socket)
- CPU shares set to high for all DS35DB, NoSQLBench VMs (default normal)
- CPU shares set to low for all Standby VMs (default normal)
- MEM shares set to high for all DS35DB VMs (default normal)
- All memory reserved for DS35DB VMs (default non-reserved)
- sched.mem.pin set to TRUE for all DS35DB VMs (default FALSE)
- Add sched.mem.lpage.enable1GPage to TRUE for all DS35DB VMs (default FALSE)
- Number of vCPUs of client VMs was set to 72 (default 64)
- Logical CPU layout changed for client VMs to 36 cores per socket (default single core per socket)

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.LargeInterleave             | 0           | 0           | 1        |
| Numa.MigThreshold                | 0           | 0           | 2        |
| Numa.MonMigEnable                | 0           | 0           | 1        |
| Numa.PageMigEnable               | 0           | 0           | 1        |
| Numa.PreferHT                    | 1           | 1           | 0        |
| 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        |
| VMFS3.HardwareAcceleratedLocking | 0           | 0           | 1        |

SUT Host ESXi Module Options:

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

Server Notes

Server BIOS settings

- Determinism Slider set to Power (default: Performance)
- TDP Control set to Manual (default: Auto)
- TDP Limit set to 400 (default: N/A)
- Package Power Limit Control set to manual (default: Auto)
- Package Power Limit set to 400 (default: N/A)
- ACPI CST C2 Latency set to 18(default: 800)
- Power Profile Selection set to High Performance Mode(default: Efficiency Mode)
- Fan Control set to Full (default: Auto)

Networking Notes

SUT vSwitch Configuration:

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

ClientHost vSwitch Configuration:

- vSwitch0 for Service Console on vmnic0 at 1Gb/s
- vSwitch1 for workloads on vmnic1 and vmnic2 of ClientHost1, ClientHost2 and ClientHost5 at 10Gb/s

- vSwitch1 for workloads on vmnic1, vmnic2, vmnic3, vmnic4 of ClientHost3 at 10Gb/s
- vSwitch1 for workloads on vmnic2, vmnic3 of ClientHost4 at 10Gb/s
- vSwitch1 for workloads on vmnic4, vmnic5 of ClientHost6 at 10Gb/s
- vSwitch1 for workloads on vmnic6, vmnic7 of ClientHost7 and ClientHost8 at 10Gb/s

**Storage Notes**

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

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

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

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

- LUN 1 : Standby, SocialNetwork, AuctionWebEDB, AuctionWebDNosql for tile 1 (600GB)
- Third PCIe-SSD (750GB):
  - LUN 1 : AuctionKA, AuctionKB, AuctionKC, AuctionKD for tile 1 (600GB)
- Fourth PCIe-SSD (3.2TB):
  - LUN 1 : AuctionAppA, AuctionAppB, AuctionAppC for tile 1 (500GB)
  - LUN 2 : NoSQLBenchA, NoSQLBenchB, NoSQLBenchC for tile 1 (500GB)
  - LUN 3 : AuctionWebA, AuctionWebB, AuctionWebC, AuctionWebF for tile 1 (500GB)

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

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

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

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

- Second PCIe-SSD (750GB):
  - LUN 1 : Standby, SocialNetwork, AuctionWebEDB, AuctionWebDNosql for tile 3 (600GB)
- Third PCIe-SSD (750GB):
  - LUN 1 : AuctionKA, AuctionKB, AuctionKC, AuctionKD for tile 3 (600GB)
- Fourth PCIe-SSD (3.2TB):
  - LUN 1 : AuctionAppA, AuctionAppB, AuctionAppC for tile 3 (500GB)
  - LUN 2 : NoSQLBenchA, NoSQLBenchB, NoSQLBenchC for tile 3 (500GB)
  - LUN 3 : AuctionWebA, AuctionWebB, AuctionWebC, AuctionWebF for tile 3 (500GB)

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

- Hardware details:
  - 2 x Intel Xeon Gold 6334@3.6GHz processors
  - 128 GB RAM (4 x 32GB 2Rx4 3200MHz DDR4 RDIMMs)
  - 2 x QLogic QLE2772 dual port 32Gb FC HBA used as FC target controller
  - 1 x Micron MTFDDAK480TDT 480GB SATA SSD
  - 5 x Intel P4800X 750GB PCIe SSD
  - 1 x Kioxia CM6-V 3.2TB SSD
- Software details:
  - Operating System: SUSE Linux Enterprise Server 15 SP4 - 5.14.21-150400.22-default (64-bit)
  - Fibre Channel Target SW: LIO (part of SUSE Linux Enterprise Server 15 SP4)
- RAID configuration:
  - SATA-SSD 1 (RAID0):
    - LUN 1 : Storage system OS (480GB, this LUN is not counted in the Storage section)
  - First PCIe-SSD (750GB):
    - LUN 1 : DS35DB, DS35WebA, DS35WebB, DS35WebC for tile 4 (600GB)
  - Second PCIe-SSD (750GB):
    - LUN 1 : Standby, SocialNetwork, AuctionWebEDB, AuctionWebDNosql for tile 4 (600GB)
  - Third PCIe-SSD (750GB):
    - LUN 1 : AuctionKA, AuctionKB, AuctionKC, AuctionKD for tile 4 (600GB)
  - Fourth PCIe-SSD (750GB):
    - LUN 1 : Csidatastore LUN (600GB)
  - Fifth PCIe-SSD (750GB):
    - LUN 1 : VMmark-4.0.2-209 template VM (600GB)
  - Sixth PCIe-SSD (3.2TB):
    - LUN 1 : AuctionAppA, AuctionAppB, AuctionAppC for tile 4 (500GB)
    - LUN 2 : NoSQLBenchA, NoSQLBenchB, NoSQLBenchC for tile 4 (500GB)
    - LUN 3 : AuctionWebA, AuctionWebB, AuctionWebC, AuctionWebF for tile 4 (500GB)

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

- Hardware details:
  - 2 x Intel Xeon Gold 6334@3.6GHz processors
  - 128 GB RAM (4 x 32GB 2Rx4 3200MHz DDR4 RDIMMs)
  - 2 x QLogic QLE2772 dual port 32Gb FC HBA used as FC target controller
  - 1 x Micron MTFDDAK480TDT 480GB SATA SSD
  - 6 x Intel P4800X 750GB PCIe SSD
  - 1 x Kioxia CM6-V 3.2TB SSD
- Software details:
  - Operating System: SUSE Linux Enterprise Server 15 SP4 - 5.14.21-150400.22-default (64-bit)
  - Fibre Channel Target SW: LIO (part of SUSE Linux Enterprise Server 15 SP4)

- RAID configuration:
  - SATA-SSD 1 (RAID0):
    - LUN 1 : Storage system OS (480GB, this LUN is not counted in the Storage section)
  - First PCIe-SSD (750GB):
    - LUN 1 : DS35DB, DS35WebA, DS35WebB, DS35WebC for tile 5 (600GB)
  - Second PCIe-SSD (750GB):
    - LUN 1 : Standby, SocialNetwork, AuctionWebEDB, AuctionWebDNosql for tile 5 (600GB)
  - Third PCIe-SSD (750GB):
    - LUN 1 : AuctionKA, AuctionKB, AuctionKC, AuctionKD for tile 5 (600GB)
  - Fourth PCIe-SSD (750GB):
    - LUN 1 : SVmotion LUN (600GB)
  - Fifth PCIe-SSD (750GB):
    - LUN 1 : XVMotion LUN (600GB)
  - Sixth PCIe-SSD (3.2TB):
    - LUN 1 : Deploy LUN (600GB)
  - Seventh PCIe-SSD (3.2TB):
    - LUN 1 : AuctionAppA, AuctionAppB, AuctionAppC for tile 5 (500GB)
    - LUN 2 : NoSQLBenchA, NoSQLBenchB, NoSQLBenchC for tile 5 (500GB)
    - LUN 3 : AuctionWebA, AuctionWebB, AuctionWebC, AuctionWebF for tile 5 (500GB)

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

- Hardware details:
  - 2 x Intel Xeon Gold 6334@3.6GHz processors
  - 128 GB RAM (4 x 32GB 2Rx4 3200MHz DDR4 RDIMMs)
  - 2 x QLogic QLE2772 dual port 32Gb FC HBA used as FC target controller
  - 1 x Micron MTFDDAK480TDT 480GB SATA SSD
  - 3 x Intel P4800X 750GB PCIe SSD
  - 1 x Kioxia CM6-V 3.2TB SSD
- Software details:
  - Operating System: SUSE Linux Enterprise Server 15 SP4 - 5.14.21-150400.22-default (64-bit)
  - Fibre Channel Target SW: LIO (part of SUSE Linux Enterprise Server 15 SP4)
- RAID configuration:
  - SATA-SSD 1 (RAID0):
    - LUN 1 : Storage system OS (480GB, this LUN is not counted in the Storage section)
  - First PCIe-SSD (750GB):
    - LUN 1 : DS35DB, DS35WebA, DS35WebB, DS35WebC for tile 6 (600GB)
  - Second PCIe-SSD (750GB):
    - LUN 1 : Standby, SocialNetwork, AuctionWebEDB, AuctionWebDNosql for tile 6 (600GB)
  - Third PCIe-SSD (750GB):
    - LUN 1 : AuctionKA, AuctionKB, AuctionKC, AuctionKD for tile 6 (600GB)
  - Fourth PCIe-SSD (3.2TB):
    - LUN 1 : AuctionAppA, AuctionAppB, AuctionAppC for tile 6 (500GB)
    - LUN 2 : NoSQLBenchA, NoSQLBenchB, NoSQLBenchC for tile 6 (500GB)
    - LUN 3 : AuctionWebA, AuctionWebB, AuctionWebC, AuctionWebF for tile 6 (500GB)

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

**Server Management Notes**

VMware vCenter Server Appliance 8.0 Update 3, Build 24022515 was hosted on Clienthost4 which is part of the client cluster

Operating System Notes

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

Software Notes

None

Client Notes

- vSphere DRS Disabled

Client Host ESXi Advanced Settings:

| Advanced Setting             | Host 1      | Host 2      | Host 3      | Host 4      | Host 5      | Host 6      | Host 7      | Host 8      | Default  |
|------------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|
| Power.CpuPolicy              | Performance | Performance | Performance | Performance | Performance | Performance | Performance | Performance | Balanced |
| UserVars.HostClientCEIPOptIn | 2           | 2           | 2           | 2           | 0           | 0           | 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 | Default |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| tcpip4 | ipv6=1 | ipv6=1 | ipv6=1 | ipv6=1 | ipv6=1 | ipv6=1 | ipv6=1 | ipv6=1 | ipv6=1  |

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

Client Host VMs:

- Client Host 1: Client0
- Client Host 2: Client1
- Client Host 3: Client6
- Client Host 4: VCSA-20250108-v8.0U3
- Client Host 5: Client2
- Client Host 6: Client3
- Client Host 7: Client4
- Client Host 8: Client5, primeclient

Client BIOS settings

ClientHost1, 2, 5:

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

ClientHost3:

- Active Processor Cores = 48 (default 0)
- Energy Performance = Performance (default Energy Efficient)
- CPU Performance Boost = Aggressive (default Disabled)
- Fan Control = Full (default Auto)

ClientHost4:

- Default settings

ClientHost6, 7, 8:

- Energy Performance = Performance (default Energy Efficient)

Other Notes

None

VMmark4.properties Settings

- LogLevel = DEBUG (default INFO)

Virtual Machines

SUT Host Virtual Machines

| VM           | vCPUs | Cores Per Socket | Memory (MB) | Sync Time | Logging | CD/DVD  | CPU Res | CPU Limit | CPU Shares | Mem Res | Mem Limit | Mem Shares | Mem Pin | Mem 1G Page | Disk Shares | Datastore      | Port Group     | vHW Version | Tools Version |
|--------------|-------|------------------|-------------|-----------|---------|---------|---------|-----------|------------|---------|-----------|------------|---------|-------------|-------------|----------------|----------------|-------------|---------------|
| AuctionAppA0 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_1_nvme6n1p1 | Load Network 1 | 17          | 12325         |
| AuctionAppA1 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_2_nvme6n1p1 | Load Network 1 | 17          | 12325         |
| AuctionAppA2 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_3_nvme6n1p1 | Load Network 1 | 17          | 12325         |
| AuctionAppA3 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_4_nvme6n1p1 | Load Network 1 | 17          | 12325         |
| AuctionAppA4 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_5_nvme6n1p1 | Load Network 1 | 17          | 12325         |
| AuctionAppA5 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_6_nvme6n1p1 | Load Network 1 | 17          | 12325         |
| AuctionAppA6 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_7_nvme5n1p1 | Load Network 1 | 17          | 12325         |
| VM           | vCPUs | Cores Per Socket | Memory (MB) | Sync Time | Logging | CD/DVD  | CPU Res | CPU Limit | CPU Shares | Mem Res | Mem Limit | Mem Shares | Mem Pin | Mem 1G Page | Disk Shares | Datastore      | Port Group     | vHW Version | Tools Version |
| AuctionAppB0 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_1_nvme6n1p1 | Load Network 1 | 17          | 12325         |
| AuctionAppB1 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_2_nvme6n1p1 | Load Network 1 | 17          | 12325         |
| AuctionAppB2 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_3_nvme6n1p1 | Load Network 1 | 17          | 12325         |
| AuctionAppB3 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_4_nvme6n1p1 | Load Network 1 | 17          | 12325         |
| AuctionAppB4 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_5_nvme6n1p1 | Load Network 1 | 17          | 12325         |
| AuctionAppB5 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_6_nvme6n1p1 | Load Network 1 | 17          | 12325         |
| AuctionAppB6 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_7_nvme5n1p1 | Load Network 1 | 17          | 12325         |
| VM           | vCPUs | Cores Per Socket | Memory (MB) | Sync Time | Logging | CD/DVD  | CPU Res | CPU Limit | CPU Shares | Mem Res | Mem Limit | Mem Shares | Mem Pin | Mem 1G Page | Disk Shares | Datastore      | Port Group     | vHW Version | Tools Version |
| AuctionAppC0 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_1_nvme6n1p1 | Load Network 1 | 17          | 12325         |
| AuctionAppC1 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_2_nvme6n1p1 | Load Network 1 | 17          | 12325         |
| AuctionAppC2 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_3_nvme6n1p1 | Load Network 1 | 17          | 12325         |
| AuctionAppC3 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_4_nvme6n1p1 | Load Network 1 | 17          | 12325         |
| AuctionAppC4 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_5_nvme6n1p1 | Load Network 1 | 17          | 12325         |
| AuctionAppC5 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_6_nvme6n1p1 | Load Network 1 | 17          | 12325         |
| AuctionAppC6 | 4     | 4                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_7_nvme5n1p1 | Load Network 1 | 17          | 12325         |
| VM           | vCPUs | Cores Per Socket | Memory (MB) | Sync Time | Logging | CD/DVD  | CPU Res | CPU Limit | CPU Shares | Mem Res | Mem Limit | Mem Shares | Mem Pin | Mem 1G Page | Disk Shares | Datastore      | Port Group     | vHW Version | Tools Version |

[illegible]

|                   |       |                  |             |           |         |         |         |           |            |         |           |            |         |             |             |                |                |             |               |
|-------------------|-------|------------------|-------------|-----------|---------|---------|---------|-----------|------------|---------|-----------|------------|---------|-------------|-------------|----------------|----------------|-------------|---------------|
| AuctionWebB2      | 4     | 4                | 12288       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_3_nvme6n1p3 | Load Network 1 | 17          | 12325         |
| AuctionWebB3      | 4     | 4                | 12288       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_4_nvme6n1p3 | Load Network 1 | 17          | 12325         |
| AuctionWebB4      | 4     | 4                | 12288       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_5_nvme6n1p3 | Load Network 1 | 17          | 12325         |
| AuctionWebB5      | 4     | 4                | 12288       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_6_nvme6n1p3 | Load Network 1 | 17          | 12325         |
| AuctionWebB6      | 4     | 4                | 12288       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_7_nvme5n1p3 | Load Network 1 | 17          | 12325         |
| VM                | vCPUs | Cores Per Socket | Memory (MB) | Sync Time | Logging | CD/DVD  | CPU Res | CPU Limit | CPU Shares | Mem Res | Mem Limit | Mem Shares | Mem Pin | Mem 1G Page | Disk Shares | Datastore      | Port Group     | vHW Version | Tools Version |
| AuctionWebC0      | 4     | 4                | 12288       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_1_nvme6n1p3 | Load Network 1 | 17          | 12325         |
| AuctionWebC1      | 4     | 4                | 12288       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_2_nvme6n1p3 | Load Network 1 | 17          | 12325         |
| AuctionWebC2      | 4     | 4                | 12288       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_3_nvme6n1p3 | Load Network 1 | 17          | 12325         |
| AuctionWebC3      | 4     | 4                | 12288       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_4_nvme6n1p3 | Load Network 1 | 17          | 12325         |
| AuctionWebC4      | 4     | 4                | 12288       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_5_nvme6n1p3 | Load Network 1 | 17          | 12325         |
| AuctionWebC5      | 4     | 4                | 12288       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_6_nvme6n1p3 | Load Network 1 | 17          | 12325         |
| AuctionWebC6      | 4     | 4                | 12288       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_7_nvme5n1p3 | Load Network 1 | 17          | 12325         |
| VM                | vCPUs | Cores Per Socket | Memory (MB) | Sync Time | Logging | CD/DVD  | CPU Res | CPU Limit | CPU Shares | Mem Res | Mem Limit | Mem Shares | Mem Pin | Mem 1G Page | Disk Shares | Datastore      | Port Group     | vHW Version | Tools Version |
| AuctionWebDNosql0 | 4     | 4                | 20480       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_1_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| AuctionWebDNosql1 | 4     | 4                | 20480       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_2_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| AuctionWebDNosql2 | 4     | 4                | 20480       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_3_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| AuctionWebDNosql3 | 4     | 4                | 20480       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_4_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| AuctionWebDNosql4 | 4     | 4                | 20480       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_5_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| AuctionWebDNosql5 | 4     | 4                | 20480       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_6_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| AuctionWebDNosql6 | 4     | 4                | 20480       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_7_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| VM                | vCPUs | Cores Per Socket | Memory (MB) | Sync Time | Logging | CD/DVD  | CPU Res | CPU Limit | CPU Shares | Mem Res | Mem Limit | Mem Shares | Mem Pin | Mem 1G Page | Disk Shares | Datastore      | Port Group     | vHW Version | Tools Version |
| AuctionWebEDB0    | 4     | 4                | 16384       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_1_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| AuctionWebEDB1    | 4     | 4                | 16384       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_2_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| AuctionWebEDB2    | 4     | 4                | 16384       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_3_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| AuctionWebEDB3    | 4     | 4                | 16384       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_4_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| AuctionWebEDB4    | 4     | 4                | 16384       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_5_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| AuctionWebEDB5    | 4     | 4                | 16384       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_6_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| AuctionWebEDB6    | 4     | 4                | 16384       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_7_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| VM                | vCPUs | Cores Per Socket | Memory (MB) | Sync Time | Logging | CD/DVD  | CPU Res | CPU Limit | CPU Shares | Mem Res | Mem Limit | Mem Shares | Mem Pin | Mem 1G Page | Disk Shares | Datastore      | Port Group     | vHW Version | Tools Version |
| AuctionWebF0      | 2     | 2                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_1_nvme6n1p3 | Load Network 1 | 17          | 12325         |
| AuctionWebF1      | 2     | 2                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_2_nvme6n1p3 | Load Network 1 | 17          | 12325         |
| AuctionWebF2      | 2     | 2                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_3_nvme6n1p3 | Load Network 1 | 17          | 12325         |
| AuctionWebF3      | 2     | 2                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_4_nvme6n1p3 | Load Network 1 | 17          | 12325         |
| AuctionWebF4      | 2     | 2                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_5_nvme6n1p3 | Load Network 1 | 17          | 12325         |
| AuctionWebF5      | 2     | 2                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_6_nvme6n1p3 | Load Network 1 | 17          | 12325         |
| AuctionWebF6      | 2     | 2                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_7_nvme5n1p3 | Load Network 1 | 17          | 12325         |
| VM                | vCPUs | Cores Per Socket | Memory (MB) | Sync Time | Logging | CD/DVD  | CPU Res | CPU Limit | CPU Shares | Mem Res | Mem Limit | Mem Shares | Mem Pin | Mem 1G Page | Disk Shares | Datastore      | Port Group     | vHW Version | Tools Version |
| DS35DB0           | 24    | 24               | 49152       | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 49152   | Unlimited | high       | TRUE    | TRUE        | normal      | M6_1_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35DB1           | 24    | 24               | 49152       | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 49152   | Unlimited | high       | TRUE    | TRUE        | normal      | M6_2_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35DB2           | 24    | 24               | 49152       | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 49152   | Unlimited | high       | TRUE    | TRUE        | normal      | M6_3_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35DB3           | 24    | 24               | 49152       | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 49152   | Unlimited | high       | TRUE    | TRUE        | normal      | M6_4_nvme0n1p1 | Load Network 1 | 17          | 12325         |

|              |       |                  |             |           |         |         |         |           |            |         |           |            |         |             |             |                |                |             |               |
|--------------|-------|------------------|-------------|-----------|---------|---------|---------|-----------|------------|---------|-----------|------------|---------|-------------|-------------|----------------|----------------|-------------|---------------|
| DS35DB4      | 24    | 24               | 49152       | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 49152   | Unlimited | high       | TRUE    | TRUE        | normal      | M6_5_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35DB5      | 24    | 24               | 49152       | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 49152   | Unlimited | high       | TRUE    | TRUE        | normal      | M6_6_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35DB6      | 24    | 24               | 49152       | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 49152   | Unlimited | high       | TRUE    | TRUE        | normal      | M6_7_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| VM           | vCPUs | Cores Per Socket | Memory (MB) | Sync Time | Logging | CD/DVD  | CPU Res | CPU Limit | CPU Shares | Mem Res | Mem Limit | Mem Shares | Mem Pin | Mem 1G Page | Disk Shares | Datastore      | Port Group     | vHW Version | Tools Version |
| DS35WebA0    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_1_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35WebA1    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_2_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35WebA2    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_3_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35WebA3    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_4_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35WebA4    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_5_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35WebA5    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_6_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35WebA6    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_7_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| VM           | vCPUs | Cores Per Socket | Memory (MB) | Sync Time | Logging | CD/DVD  | CPU Res | CPU Limit | CPU Shares | Mem Res | Mem Limit | Mem Shares | Mem Pin | Mem 1G Page | Disk Shares | Datastore      | Port Group     | vHW Version | Tools Version |
| DS35WebB0    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_1_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35WebB1    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_2_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35WebB2    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_3_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35WebB3    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_4_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35WebB4    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_5_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35WebB5    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_6_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35WebB6    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_7_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| VM           | vCPUs | Cores Per Socket | Memory (MB) | Sync Time | Logging | CD/DVD  | CPU Res | CPU Limit | CPU Shares | Mem Res | Mem Limit | Mem Shares | Mem Pin | Mem 1G Page | Disk Shares | Datastore      | Port Group     | vHW Version | Tools Version |
| DS35WebC0    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_1_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35WebC1    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_2_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35WebC2    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_3_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35WebC3    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_4_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35WebC4    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_5_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35WebC5    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_6_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| DS35WebC6    | 6     | 6                | 512         | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_7_nvme0n1p1 | Load Network 1 | 17          | 12325         |
| VM           | vCPUs | Cores Per Socket | Memory (MB) | Sync Time | Logging | CD/DVD  | CPU Res | CPU Limit | CPU Shares | Mem Res | Mem Limit | Mem Shares | Mem Pin | Mem 1G Page | Disk Shares | Datastore      | Port Group     | vHW Version | Tools Version |
| NoSQLBenchA0 | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_1_nvme6n1p2 | Load Network 1 | 17          | 12325         |
| NoSQLBenchA1 | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_2_nvme6n1p2 | Load Network 1 | 17          | 12325         |
| NoSQLBenchA2 | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_3_nvme6n1p2 | Load Network 1 | 17          | 12325         |
| NoSQLBenchA3 | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_4_nvme6n1p2 | Load Network 1 | 17          | 12325         |
| NoSQLBenchA4 | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_5_nvme6n1p2 | Load Network 1 | 17          | 12325         |
| NoSQLBenchA5 | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_6_nvme6n1p2 | Load Network 1 | 17          | 12325         |
| NoSQLBenchA6 | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_7_nvme5n1p2 | Load Network 1 | 17          | 12325         |
| VM           | vCPUs | Cores Per Socket | Memory (MB) | Sync Time | Logging | CD/DVD  | CPU Res | CPU Limit | CPU Shares | Mem Res | Mem Limit | Mem Shares | Mem Pin | Mem 1G Page | Disk Shares | Datastore      | Port Group     | vHW Version | Tools Version |
| NoSQLBenchB0 | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_1_nvme6n1p2 | Load Network 1 | 17          | 12325         |
| NoSQLBenchB1 | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_2_nvme6n1p2 | Load Network 1 | 17          | 12325         |
| NoSQLBenchB2 | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_3_nvme6n1p2 | Load Network 1 | 17          | 12325         |
| NoSQLBenchB3 | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_4_nvme6n1p2 | Load Network 1 | 17          | 12325         |
| NoSQLBenchB4 | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_5_nvme6n1p2 | Load Network 1 | 17          | 12325         |
| NoSQLBenchB5 | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_6_nvme6n1p2 | Load Network 1 | 17          | 12325         |

|                  |       |                  |             |           |         |         |         |           |            |         |           |            |         |             |             |                |                |             |               |
|------------------|-------|------------------|-------------|-----------|---------|---------|---------|-----------|------------|---------|-----------|------------|---------|-------------|-------------|----------------|----------------|-------------|---------------|
| NoSQLBenchB6     | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_7_nvme5n1p2 | Load Network 1 | 17          | 12325         |
| VM               | vCPUs | Cores Per Socket | Memory (MB) | Sync Time | Logging | CD/DVD  | CPU Res | CPU Limit | CPU Shares | Mem Res | Mem Limit | Mem Shares | Mem Pin | Mem 1G Page | Disk Shares | Datastore      | Port Group     | vHW Version | Tools Version |
| NoSQLBenchC0     | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_1_nvme6n1p2 | Load Network 1 | 17          | 12325         |
| NoSQLBenchC1     | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_2_nvme6n1p2 | Load Network 1 | 17          | 12325         |
| NoSQLBenchC2     | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_3_nvme6n1p2 | Load Network 1 | 17          | 12325         |
| NoSQLBenchC3     | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_4_nvme6n1p2 | Load Network 1 | 17          | 12325         |
| NoSQLBenchC4     | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_5_nvme6n1p2 | Load Network 1 | 17          | 12325         |
| NoSQLBenchC5     | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_6_nvme6n1p2 | Load Network 1 | 17          | 12325         |
| NoSQLBenchC6     | 8     | 8                | 8192        | TRUE      | TRUE    | Present | 0       | Unlimited | high       | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_7_nvme5n1p2 | Load Network 1 | 17          | 12325         |
| VM               | vCPUs | Cores Per Socket | Memory (MB) | Sync Time | Logging | CD/DVD  | CPU Res | CPU Limit | CPU Shares | Mem Res | Mem Limit | Mem Shares | Mem Pin | Mem 1G Page | Disk Shares | Datastore      | Port Group     | vHW Version | Tools Version |
| SocialNetwork0   | 36    | 36               | 16384       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_1_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| SocialNetwork1   | 36    | 36               | 16384       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_2_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| SocialNetwork2   | 36    | 36               | 16384       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_3_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| SocialNetwork3   | 36    | 36               | 16384       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_4_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| SocialNetwork4   | 36    | 36               | 16384       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_5_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| SocialNetwork5   | 36    | 36               | 16384       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_6_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| SocialNetwork6   | 36    | 36               | 16384       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_7_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| VM               | vCPUs | Cores Per Socket | Memory (MB) | Sync Time | Logging | CD/DVD  | CPU Res | CPU Limit | CPU Shares | Mem Res | Mem Limit | Mem Shares | Mem Pin | Mem 1G Page | Disk Shares | Datastore      | Port Group     | vHW Version | Tools Version |
| Standby0         | 1     | 1                | 2048        | TRUE      | TRUE    | Present | 0       | Unlimited | low        | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_1_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| Standby1         | 1     | 1                | 2048        | TRUE      | TRUE    | Present | 0       | Unlimited | low        | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_2_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| Standby2         | 1     | 1                | 2048        | TRUE      | TRUE    | Present | 0       | Unlimited | low        | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_3_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| Standby3         | 1     | 1                | 2048        | TRUE      | TRUE    | Present | 0       | Unlimited | low        | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_4_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| Standby4         | 1     | 1                | 2048        | TRUE      | TRUE    | Present | 0       | Unlimited | low        | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_5_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| Standby5         | 1     | 1                | 2048        | TRUE      | TRUE    | Present | 0       | Unlimited | low        | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_6_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| Standby6         | 1     | 1                | 2048        | TRUE      | TRUE    | Present | 0       | Unlimited | low        | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_7_nvme1n1p1 | Load Network 1 | 17          | 12325         |
| VM               | vCPUs | Cores Per Socket | Memory (MB) | Sync Time | Logging | CD/DVD  | CPU Res | CPU Limit | CPU Shares | Mem Res | Mem Limit | Mem Shares | Mem Pin | Mem 1G Page | Disk Shares | Datastore      | Port Group     | vHW Version | Tools Version |
| VMmark-4.0.2-209 | 4     | 1                | 32768       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | M6_5_nvme5n1p1 | Load Network 1 | 17          | 12325         |

Client Host Virtual Machines

| VM                   | vCPUs | Cores Per Socket | Memory (MB) | Sync Time | Logging | CD/DVD  | CPU Res | CPU Limit | CPU Shares | Mem Res | Mem Limit | Mem Shares | Mem Pin | Mem 1G Page | Disk Shares | Datastore       | Port Group                 | vHW Version | Tools Version |
|----------------------|-------|------------------|-------------|-----------|---------|---------|---------|-----------|------------|---------|-----------|------------|---------|-------------|-------------|-----------------|----------------------------|-------------|---------------|
| Client0              | 72    | 36               | 98304       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | ClientHost1-OS  | Load Network 1             | 17          | 12325         |
| Client1              | 72    | 36               | 98304       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | ClientHost2-OS  | Load Network 1             | 17          | 12325         |
| Client2              | 72    | 36               | 98304       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | ClientHost7-OS  | Load Network 1             | 17          | 12325         |
| Client3              | 72    | 36               | 98304       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | ClientHost8-OS  | Load Network 1             | 17          | 12325         |
| Client4              | 72    | 36               | 98304       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | ClientHost5-OS  | Load Network 1             | 17          | 12325         |
| Client5              | 72    | 36               | 98304       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | ClientHost6-OS  | Load Network 1             | 17          | 12325         |
| Client6              | 72    | 36               | 98304       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | ClientHost3-OS2 | Load Network 1             | 17          | 12325         |
| primeclient          | 4     | 1                | 32768       | TRUE      | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | ClientHost6-OS  | VM Network, Load Network 1 | 17          | 12325         |
| VCSA-20250108-v8.0U3 | 4     | 1                | 21504       | FALSE     | TRUE    | Present | 0       | Unlimited | normal     | 0       | Unlimited | normal     | FALSE   | FALSE       | normal      | VD3-VCSA        | VM Network                 | 10          | 12389         |

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