Version: 2412210600

RVTools Version:4.4 Creation Date:2024-07-08 08:13:47

API Connection: VMware vCenter Server 8.0.2 build-23929136

There is no VMWare installed products information: "Empty vLicense sheet"

| **ESX\_Version** | **Count** | **%** |
| --- | --- | --- |
| VMware ESXi 8.0.2 build-23825572 | 70 | 87.50% |
| VMware ESXi 7.0.3 build-21686933 | 8 | 10.00% |
| VMware ESXi 8.0.2 build-23305546 | 1 | 1.25% |
| VMware ESXi 8.0.2 build-22380479 | 1 | 1.25% |

| **[vTools] Tools (VMWare-Tools status)** | **Count** | **%** |
| --- | --- | --- |
| toolsOld | 764 | 50.53% |
| toolsOk | 652 | 43.12% |
| toolsNotRunning | 81 | 5.36% |
| toolsNotInstalled | 15 | 0.99% |

| **N\_CPU** | **Cores\_per\_CPU** | **N\_Cores** | **CPU\_Model** | **Count** |
| --- | --- | --- | --- | --- |
| 1 | 16 | 16 | Intel(R) Xeon(R) Gold 6130 CPU @ 2.10GHz | 10 |
| 2 | 12 | 24 | Intel(R) Xeon(R) Gold 6126 CPU @ 2.60GHz | 10 |
| 1 | 10 | 10 | Intel(R) Xeon(R) Silver 4210R CPU @ 2.40GHz | 7 |
| 2 | 28 | 56 | Intel(R) Xeon(R) Gold 6348 CPU @ 2.60GHz | 7 |
| 2 | 24 | 48 | Intel(R) Xeon(R) Gold 6240R CPU @ 2.40GHz | 7 |
| 1 | 10 | 10 | Intel(R) Xeon(R) Silver 4210 CPU @ 2.20GHz | 5 |
| 2 | 32 | 64 | AMD EPYC 7452 32-Core Processor | 5 |
| 2 | 20 | 40 | Intel(R) Xeon(R) Gold 6138 CPU @ 2.00GHz | 4 |
| 1 | 16 | 16 | Intel(R) Xeon(R) Gold 6226R CPU @ 2.90GHz | 4 |
| 2 | 32 | 64 | AMD EPYC 7501 32-Core Processor | 3 |
| 1 | 8 | 8 | Intel(R) Xeon(R) Silver 4110 CPU @ 2.10GHz | 3 |
| 1 | 16 | 16 | Intel(R) Xeon(R) Gold 6326 CPU @ 2.90GHz | 3 |
| 1 | 8 | 8 | Intel(R) Xeon(R) CPU E5-2620 v4 @ 2.10GHz | 3 |
| 1 | 16 | 16 | Intel(R) Xeon(R) CPU E5-2683 v4 @ 2.10GHz | 2 |
| 1 | 16 | 16 | Intel(R) Xeon(R) Gold 6242 CPU @ 2.80GHz | 2 |
| 1 | 4 | 4 | Intel(R) Xeon(R) CPU E5-2623 v4 @ 2.60GHz | 1 |
| 2 | 1 | 2 | Intel(R) Xeon(R) Silver 4210 CPU @ 2.20GHz | 1 |
| 2 | 1 | 2 | Intel(R) Xeon(R) Gold 6226R CPU @ 2.90GHz | 1 |
| 2 | 1 | 2 | Intel(R) Xeon(R) Gold 6130 CPU @ 2.10GHz | 1 |
| 1 | 24 | 24 | Intel(R) Xeon(R) Gold 6442Y | 1 |

Total CPUs:119 Avg.Cores/CPU:18 Total Cores:2178 Total Socket Pairs:80

| **Host servers models** | | |
| --- | --- | --- |
| **[vHost] Vendor/Model** | **Count** | **%** |
| [HPE / ProLiant DL380 Gen10](https://catalog.redhat.com/search?gs&q=ProLiant%20DL380%20Gen10&target_platforms=Red%20Hat%20OpenShift) | 33 | 41.25% |
| [HPE / ProLiant DL360 Gen10](https://catalog.redhat.com/search?gs&q=ProLiant%20DL360%20Gen10&target_platforms=Red%20Hat%20OpenShift) | 15 | 18.75% |
| [HPE / ProLiant DL380 Gen10 Plus](https://catalog.redhat.com/search?gs&q=ProLiant%20DL380%20Gen10%20Plus&target_platforms=Red%20Hat%20OpenShift) | 10 | 12.50% |
| [HPE / ProLiant DL385 Gen10](https://catalog.redhat.com/search?gs&q=ProLiant%20DL385%20Gen10&target_platforms=Red%20Hat%20OpenShift) | 6 | 7.50% |
| [HPE / Synergy 480 Gen10](https://catalog.redhat.com/search?gs&q=Synergy%20480%20Gen10&target_platforms=Red%20Hat%20OpenShift) | 4 | 5.00% |
| [HP / ProLiant DL360 Gen9](https://catalog.redhat.com/search?gs&q=ProLiant%20DL360%20Gen9&target_platforms=Red%20Hat%20OpenShift) | 3 | 3.75% |
| [HP / ProLiant ML110 Gen9](https://catalog.redhat.com/search?gs&q=ProLiant%20ML110%20Gen9&target_platforms=Red%20Hat%20OpenShift) | 3 | 3.75% |
| [VMware, Inc. / VMware Virtual Platform](https://catalog.redhat.com/search?gs&q=VMware%20Virtual%20Platform&target_platforms=Red%20Hat%20OpenShift) | 3 | 3.75% |
| [HPE / ProLiant DL385 Gen10 Plus](https://catalog.redhat.com/search?gs&q=ProLiant%20DL385%20Gen10%20Plus&target_platforms=Red%20Hat%20OpenShift) | 2 | 2.50% |
| [HPE / ProLiant DL380 Gen11](https://catalog.redhat.com/search?gs&q=ProLiant%20DL380%20Gen11&target_platforms=Red%20Hat%20OpenShift) | 1 | 1.25% |

| **[vHost/vCPU] Hosts per Cluster** | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Datacenter** | **Cluster** | **Hosts** | **CPUs** | **Total Cores** | **Run vCPUs** | **Total vCPUs** | **CPU Overs.** | **Mem GiB** | **VMs** | **Res. Pools** |
| Site1 | Site1 Linux Pro vSAN Cluster | 7 | 14 | 336 | 1091 | 1193 | 1.78 | 3585 | 295 | 2 |
| Site1 | Site1 Windows Dev vSAN Cluster | 3 | 6 | 192 | 718 | 730 | 1.9 | 2297 | 191 | 2 |
| Site1 | Site1 Windows Pro II vSAN Cluster | 5 | 10 | 320 | 618 | 644 | 1.01 | 2586 | 122 | 3 |
| Site1 | Site1 Windows Pro vSAN Cluster | 7 | 14 | 392 | 1359 | 1435 | 1.83 | 4674 | 292 | 2 |
| Site1 DMZ | Site1 DMZ vSAN Cluster | 4 | 4 | 64 | 300 | 336 | 2.62 | 1288 | 103 | 1 |
| Site1 Secondary | Site1 Secondary vSAN Cluster | 4 | 8 | 160 | 585 | 614 | 1.92 | 1619 | 193 | 4 |
| Research Center Site1 | Research Center vSAN Cluster | 3 | 3 | 56 | 84 | 84 | 0.75 | 246 | 27 | 1 |
| Site2 | Site2 vSAN Cluster | 2 | 2 | 14 | 8 | 8 | 0.29 | 24 | 3 | 1 |
| Solar Park Site3 | Site3 DMZ vSAN Cluster | 3 | 3 | 48 | 161 | 167 | 1.74 | 531 | 34 | 1 |
| Solar Park Site3 | Site3 Lab vSAN Cluster | 3 | 3 | 30 | 78 | 78 | 1.3 | 290 | 20 | 1 |
| Solar Park Site3 | Site3 vSAN Cluster | 5 | 10 | 120 | 184 | 192 | 0.8 | 649 | 41 | 2 |
| Solar Park Site4 | Remoteland CCE vSAN Cluster | 3 | 3 | 48 | 28 | 28 | 0.29 | 71 | 7 | 1 |
| Solar Park Site4 | Remoteland DMZ vSAN Cluster | 3 | 3 | 48 | 155 | 163 | 1.7 | 437 | 45 | 1 |
| Solar Park Site4 | Remoteland Lab vSAN Cluster | 3 | 3 | 30 | 62 | 62 | 1.03 | 200 | 18 | 1 |
| Solar Park Site4 | Remoteland vSAN Cluster | 5 | 10 | 120 | 258 | 268 | 1.12 | 817 | 61 | 2 |
| G3C | NoCluster | 4 | 4 | 32 | 16 | 16 | 0.25 | 32 | 4 | 4 |
| MiniSite1 | MiniSite1 vSAN Cluster | 2 | 2 | 16 | 14 | 14 | 0.44 | 45 | 4 | 1 |
| DreamsRepublic | Neverland vSAN Cluster | 2 | 2 | 20 | 10 | 10 | 0.25 | 30 | 3 | 1 |
| Site Islands | Remote DMZ vSAN Cluster | 2 | 2 | 32 | 40 | 42 | 0.66 | 89 | 9 | 1 |
| Site Islands | Remote vSAN Cluster | 4 | 4 | 64 | 72 | 72 | 0.56 | 176 | 22 | 1 |
| Acme Tower | NoCluster | 1 | 1 | 10 | 2 | 2 | 0.1 | 16 | 1 | 1 |
| Acme Tower | Torre vSAN Cluster | 2 | 2 | 20 | 16 | 16 | 0.4 | 43 | 6 | 1 |
| **12** | **20** | **80** | **119** | **2178** | **5859** | **6174** | **1.42** | **18994** | **1501** | **35** |

Oversubscription Ratio = (Total vCPUs / Total Cores / 2)

| **[vInfo] VMs grouped by memory size** | | |
| --- | --- | --- |
| **VMs** | **GiB** | **Cnt** |
| SRV12133 | 160 | 1 |
| SRV10678, SRV10681, SRV20185, SRV10682, SRV10687, SRV02621 | 128 | 6 |
| CEOPPLGEAW01 | 126 | 1 |
| SRV12122 | 100 | 1 |
| SRV12130 | 86 | 1 |
| SRV01559 | 80 | 1 |
| SRV02951, SRV02834, SRV02833, SRV20165, SRV20153, SRV02811, CEOPPLSGCK01, SRV12120, SRV12131, SRV12123, SRV02721, SRV12132, SRV20075, SRV20018, CEOPDWGEAL02, CEOPDWGEAL01, SRV12397, SRV12261, SRV12269, SRV12291, SRV12293, SRV12313, SRV12330, SRV02722... | 64 | 30 |
| SRV11003 | 55 | 1 |
| SRV02361, SRV02837, CEOPPWSPBO01, SRV02840, SRV02838, SRV01908, SRV12016, ENOPPWGEIM03 | 48 | 8 |
| SRV12167 | 45 | 1 |
| SRV20284, SRV20286 | 42 | 2 |
| SRV20352, SRV20163, SRV02550, SRV20351, SRV02001 | 40 | 5 |
| SRV02042, SRV12334, SRV02183, SRV02246, SRV12329, SRV12168, SRV02247, CEOPDWSPBO01, SRV12154, SRV20309, SRV02340, SRV02341, SRV12335, SRV12336, CEOPPLGEEA01, SRV12337, SRV01512, SRV12187, SRV12188, SRV02177, SRV02040, SRV12271, SRV12272, SRV12267, SR... | 32 | 98 |
| SRV10673, SRV10670, SRV10669, SRV02757, SRV02813, SRV10562, SRV10561, SRV10560, SRV70012, SRV10668 | 28 | 10 |
| SRV20019, SRV12175, SRV20183, SRV02604, SRV02602, SRV02601, SRV10642, SRV12204, SRV02727, SRV70060, SRV02681, SRV20098, SRV20097, SRV10460, SRV70074, SRV02839, TDOPPLGEDG01, TDOPPLGEDG02, SDPXIMOS02, SRV12114, CEOPPLGEOP06, CEOPPLGEOP05, CEOPPLGEOP04... | 24 | 47 |
| SRV12302 | 22 | 1 |
| SRV20162, SRV12318, SRV01665, SRV12361, SRV10909, SRV10462, SRV12165, SRV11006, SRV12194 | 20 | 9 |
| SRV02487.noencender, SRV12089 | 18 | 2 |
| ENOPPWGESY05, SRV10532, ENOPDWGEVM01, SRV10554, SRV70062, SDPXSMARTGPU02, SDPXSMARTGPU01, RGPLANTA, RBPLANTA, SRV10480, SRV10287, SRV10405, SRV10411, SRV02424, SRV10412, SRV10689, SRV10421, SRV10522, SRV10422, SRV10484, SRV10685, SRV10588, SRV10684, ... | 16 | 283 |
| SRV05648, SRV05412, SRV02033 | 15 | 3 |
| SRV01824, SRV02165, SRV20283 | 14 | 3 |
| SRV02133, VPCUR023, VPCUR011, VPCUR016, SRV11011, SRV02045, VPCUR012, SRV12354, SRV02063, SRV02154, SRV02044, VPCUR013, SRV11015, SRV02645, SRV20223, SRV12383, SRV10575, SRV02668, SRV10599, SRV10573, SRV10572, SRV10571, SRV70040, SRV02586, SRV02553, ... | 12 | 71 |
| SRV10770, SRV20264, SRV20273, SRV12179, SRV10267, SRV02163, srvressa-sm02, SRV10198 | 10 | 8 |
| SRV12338, SRV12319, SRV10369, SRV10360, SRV10350, SRV00374, SRV12067, SRV10975, SRV10987, CEOPPWBKVE16, CEOPPWBKVE14, SRV10325, SRV10311, CEOPPWBKVE13, SRV20272, CEOPPLGEVG04, RBCTRLDC01, SRV10410, CEOPPWBKVE18, SRV10461, SRV12085, SRV02869, SRV10948... | 8 | 337 |
| SRV10122 | 7 | 1 |
| SRV12350, SRV12084, SRV11013, CEOPPLGEVG01, SRV12055, SRV12049, CEOPPLSGID01, SRV12064, SRV12062, SRV20209, SRV12061, SRV20146, SRV02440, SRV01608, SRV01575, SRV10533, SRV20349, SRV20310, SRV20114, SRV01831, SRV01682, SRV01395, SRV00793, SRV01306, SR... | 6 | 54 |
| SRV10809, SRV00264, SRV00265, SRV10331, SRV10330, SRV01877, SRV00899 | 5 | 7 |
| SRV20338, SRV20269, SRV20274, SRV20227, SRV20270, SRV20289, SRV20259, SRV20308, SRV20292, SRV20229, SRV20228, SRV02066, SRV20288, SRV20230, SRV20231, SRV20324, SRV02083, SRV20321, SRV20232, SRV20258, SRV02237, SRV20290, SRV20347, SRV12102, SRV01365, ... | 4 | 414 |
| SRV20203, ENOPPLGEHE01, Template\_RHEL\_8.6, SRV20191, Template\_RHEL\_8.8, Template\_RHEL\_9.2, SRV02448, ENOPPLGESQ01, SRV02418, SRV20190, SRV20189, SRV20138, SRV20312, SRV20325, SRV20104, SRV00288, Template\_RHEL\_7.9, SRV20315, SRV20330, SRV20107, SRV003... | 3 | 27 |
| SRV02144, SRV20298, SRV10514, SRV10864, SRV20154, SRV02554, VPCUR001, SRV10469, SRV10242, CEOPRLGEAN01, SRV02160, SRV00719, SRV00720, SRV02691, SRV01650, SRV10919, SRV10917, SRV02076, SRV20332, SRV02156, SRV01996, SRV01914, CentOS, SRV01913, SRV01911... | 2 | 75 |
| SRV20239 | 1 | 1 |
| MADCEG, SRV70044, CEPTSKEYFIS | 0 | 3 |

| **[vHost] Hosts grouped by physical memory size** | | |
| --- | --- | --- |
| **Hosts** | **GiB** | **Cnt** |
| srv03099.acmecorp.es, srv03097.acmecorp.es, srv03098.acmecorp.es, srv70164.acmecorp.es, srv70165.acmecorp.es, srv70223.acmecorp.es, srv70182.acmecorp.es, srv70220.acmecorp.es, srv70222.acmecorp.es, srv70221.acmecorp.es, srv70180.acmecorp.es, srv70181.acmecorp.es, srv70126.acmecorp.es, s... | 1.023 | 19 |
| srv03096.acmecorp.es, srv03095.acmecorp.es, srv03094.acmecorp.es | 1.011 | 3 |
| srv70141.acmecorp.es, srv70143.acmecorp.es, srv70142.acmecorp.es, srv70140.acmecorp.es | 767 | 4 |
| srv70231.acmecorp.es, srv70230.acmecorp.es, srv70232.acmecorp.es | 511 | 3 |
| srv05304.acmecorp.es, srv05301.acmecorp.es, srv70113.acmecorp.es, srv70112.acmecorp.es, srv70111.acmecorp.es, srv70110.acmecorp.es, srv05303.acmecorp.es, srv05302.acmecorp.es, srv05300.acmecorp.es | 383 | 9 |
| srv70152.acmecorp.es, srv70157.acmecorp.es | 319 | 2 |
| srv05601.acmecorp.es, srv05600.acmecorp.es, srv05602.acmecorp.es, srv05603.acmecorp.es, srv05604.acmecorp.es | 287 | 5 |
| srv70226.acmecorp.es, srv70224.acmecorp.es, srv70225.acmecorp.es, srv70155.acmecorp.es, srv70156.acmecorp.es, srv70150.acmecorp.es, srv05611.acmecorp.es, srv70151.acmecorp.es, srv05311.acmecorp.es, srv05610.acmecorp.es, srv05612.acmecorp.es, srv05312.acmecorp.es, srv05310.acmecorp.es | 255 | 13 |
| srv05411.acmecorp.es, srv05410.acmecorp.es, srv05646.acmecorp.es, srv05647.acmecorp.es, srv05402.acmecorp.es, srv05403.acmecorp.es, srv05401.acmecorp.es, srv05400.acmecorp.es | 127 | 8 |
| srv70132.acmecorp.es | 79 | 1 |
| srv05651.acmecorp.es, srv05650.acmecorp.es, srv05645.acmecorp.es, srv05641.acmecorp.es, srv05640.acmecorp.es, srv70133.acmecorp.es | 63 | 6 |
| srv70091.acmecorp.es, srv05648.acmecorp.es, srv05412.acmecorp.es, srv05109.acmecorp.es, srv05107.acmecorp.es, srv05106.acmecorp.es, srv05108.acmecorp.es | 15 | 7 |

| **Compute Checks & Hints** | |
| --- | --- |
| **Check** | **Data** |
| Clusters with less than 3 hosts (vCluster) | 5 |
| VMs with CBT not activated (vInfo) | 58 |
| Hosts with more than 64 cores (vHost) | 0 |
| Hosts with more than 128 cores (vHost) | 0 |
| VMs with CPU HotAdd (vCPU) | 1221 |
| VMs with RAM btw 2TB and 6TB (vInfo) | 0 |
| VMs with RAM greater than 6TB (vInfo) | 0 |
| VMs with memory HotAdd (vMemory) | 1235 |
| VMs with Ballooned memory (vMemory) | 0 |

Reference: Total Clusters=20 Total Hosts=80 Total VMs=1501

**[vNIC] NIC/Host (NICs per Host)**

There are 3 hosts with 2 MAC address (NICs)  
There are 29 hosts with 4 MAC address (NICs)  
There are 11 hosts with 6 MAC address (NICs)  
There are 25 hosts with 8 MAC address (NICs)  
There are 12 hosts with 10 MAC address (NICs)

**[vInfo] NIC/VM (NICs per VM)**

There are 1379 VMs with 1 NICs  
There are 123 VMs with 2 NICs  
There are 3 VMs with 3 NICs  
There are 7 VMs with 4 NICs

**[vNetwork] Network/VM (VMs per Network)**

There are 27 networks with just 1 VMs attached  
There are 21 networks with just 2 VMs attached  
There are 10 networks with just 3 VMs attached  
There are 12 networks with just 4 VMs attached  
There are 28 networks with >=5..<10 VMs attached  
There are 30 networks with >=10..<50 VMs attached  
There are 3 networks with >=50..<100 VMs attached  
There are 3 networks with >=100 VMs attached

| **Network related terms in ['vNetwork', 'vNIC', 'vSwitch', 'vPort', 'dvSwitch']** | | | |
| --- | --- | --- | --- |
| **Search Term** | **Count** | **Column** | **Spreadsheet** |
| Cisco (cisco) | 3 | Annotation | vNetwork |
| Cisco (cisco) | 9 | ITManager | vNetwork |
| Cisco (cisco) | 23 | Owner | vNetwork |
| EPG (\bepg\b|\_epg|epg\_) | 0 |  |  |
| ACI (\baci\b|\_aci|aci\_) | 0 |  |  |
| NSX (nsx) | 0 |  |  |
| Infoblox (nios|infoblox) | 0 |  |  |
| F5 (big-iq|f5.com) | 0 |  |  |
| NetScout (ngeniusone|netscout) | 0 |  |  |

| **Workload related terms in ['vNetwork', 'vNIC', 'vSwitch', 'vPort', 'dvSwitch', 'vPartition']** | | | |
| --- | --- | --- | --- |
| **Search Term** | **Count** | **Column** | **Spreadsheet** |
| Ansible (ansible) | 16 | Disk | vPartition |
| Ansible (ansible) | 46 | Annotation | vPartition |
| JBoss (jboss) | 76 | Annotation | vNetwork |
| JBoss (jboss) | 6 | Disk | vPartition |
| JBoss (jboss) | 475 | Annotation | vPartition |
| tomcat (tomcat) | 85 | Annotation | vNetwork |
| tomcat (tomcat) | 519 | Annotation | vPartition |
| Apache (apache) | 15 | Annotation | vNetwork |
| Apache (apache) | 120 | Annotation | vPartition |
| HA-Proxy (ha.?proxy) | 77 | Annotation | vNetwork |
| HA-Proxy (ha.?proxy) | 538 | Annotation | vPartition |
| Jenkins (jenkins) | 8 | Annotation | vPartition |
| OpenShift (openshift) | 35 | Network | vNetwork |
| OpenShift (openshift) | 41 | Annotation | vNetwork |
| OpenShift (openshift) | 726 | Annotation | vPartition |
| Oracle (oracle) | 38 | Disk | vPartition |
| Postgre (postgre) | 9 | Annotation | vNetwork |
| Postgre (postgre) | 110 | Annotation | vPartition |
| MariaDB (maria.?db) | 12 | Annotation | vNetwork |
| MariaDB (maria.?db) | 66 | Annotation | vPartition |
| Redis (redis) | 12 | Annotation | vNetwork |
| Redis (redis) | 108 | Annotation | vPartition |
| MS-Sql (sql.?server|always on) | 48 | Annotation | vNetwork |
| MS-Sql (sql.?server|always on) | 202 | Annotation | vPartition |
| SAP (\bsap\b|hana) | 6 | Disk | vPartition |
| SAP (\bsap\b|hana) | 10 | Annotation | vPartition |
| Documentum (documentum) | 78 | Annotation | vNetwork |
| Documentum (documentum) | 12 | Disk | vPartition |
| Documentum (documentum) | 295 | Annotation | vPartition |
| Vignette (vignette) | 16 | Annotation | vNetwork |
| Vignette (vignette) | 29 | Disk | vPartition |
| Vignette (vignette) | 166 | Annotation | vPartition |
| qualys (qualys) | 10 | Annotation | vPartition |
| cyberark (cyberark) | 13 | Annotation | vNetwork |
| cyberark (cyberark) | 48 | Annotation | vPartition |
| forti.?net|fortiauth (forti.?net|fortiauth) | 18 | Annotation | vNetwork |
| forti.?net|fortiauth (forti.?net|fortiauth) | 7 | Annotation | vPartition |
| pandora (pandora) | 13 | Annotation | vNetwork |
| pandora (pandora) | 109 | Annotation | vPartition |
| datadog (datadog) | 39 | Annotation | vPartition |
| netskope (netskope) | 17 | Annotation | vPartition |
| one.?view (one.?view) | 20 | Annotation | vPartition |
| Azure (\barc\b|azure) | 9 | Annotation | vNetwork |
| Azure (\barc\b|azure) | 25 | Annotation | vPartition |
| AWS (\baws\b|amazon) | 9 | Annotation | vNetwork |
| AWS (\baws\b|amazon) | 15 | Annotation | vPartition |
| NetApp (netapp|ontap) | 13 | Annotation | vPartition |
| Veeam (veeam) | 36 | Annotation | vNetwork |
| Veeam (veeam) | 31 | Annotation | vPartition |
| Citrix (citrix) | 8 | Annotation | vNetwork |
| VDI (\bvdi\b|\bhorizon\b) | 10 | Annotation | vNetwork |
| VDI (\bvdi\b|\bhorizon\b) | 13 | Annotation | vPartition |

| **[vInfo] Annotation filtered by 'Appliance and OVA'** | |
| --- | --- |
| **Annotation** | **Count** |
| Cisco Prime Infrastructure Virtual Appliance | 1 |
| FortiAnalyzer Virtual Appliance by Fortinet Technologies Inc. (http://www.fortinet.com) | 1 |
| vmware vsan witness appliance | 1 |
| vmware vcenter server appliance version 5.5 of vc running on sles 11 | 1 |
| vmware vcenter server appliance | 1 |
| vSphere Replication Appliance | 1 |
| this is backup and recovery vproxy appliance | 1 |
| qualys virtual scanner appliance | 1 |
| linux ova netxplorer virtual produccion Site1 | 1 |
| linux ova netxplorer data mediator virtual produccion Site1 | 1 |
| linux ova netxplorer clersee virtual produccion Site1 | 1 |
| fortinet ova fortimanager appliance virtual produccion Site1 | 1 |
| fortimanager virtual appliance virtual | 1 |
| VMware vSAN Witness Appliance | 1 |
| VMware vCenter Server Appliance | 1 |
| VMware Site Recovery Manager Appliance | 1 |
| FortiManager Virtual Appliance by Fortinet Technologies Inc. (http://www.fortinet.com) | 1 |
| vmware vsphere data protection appliance 6.1 | 1 |

| **[vInfo] OS\_according\_to\_the\_VMware\_Tools** Supported 93.19% - End Of Life 1.65% - Community support 0.66% - Not certified 4.50% | | |
| --- | --- | --- |
| **Operating System** | **Count** | **%** |
| Microsoft Windows Server 2019 (64-bit) | 462 | 30.56% |
| Red Hat Enterprise Linux 8 (64-bit) | 372 | 24.60% |
| Microsoft Windows Server 2016 (64-bit) | 330 | 21.83% |
| Red Hat Enterprise Linux 9 (64-bit) | 108 | 7.14% |
| Microsoft Windows Server 2022 (64-bit) | 75 | 4.96% |
| Microsoft Windows 10 (64-bit) | 38 | 2.51% |
| Red Hat Enterprise Linux 7 (64-bit) | 20 | 1.32% |
| Microsoft Windows Server 2012 (64-bit) | 18 | 1.19% |
| CentOS 4/5 (64-bit) | 11 | 0.73% |
| CentOS 7 (64-bit) | 9 | 0.60% |
| Other 4.x or later Linux (64-bit) | 6 | 0.40% |
| SUSE Linux Enterprise 11 (64-bit) | 6 | 0.40% |
| Red Hat Enterprise Linux 6 (64-bit) | 5 | 0.33% |
| Other 2.6.x Linux (64-bit) | 5 | 0.33% |
| FreeBSD 13 or later versions (64-bit) | 5 | 0.33% |
| Microsoft Windows Server 2016 or later (64-bit) | 4 | 0.26% |
| CentOS 4/5/6/7 (64-bit) | 4 | 0.26% |
| Microsoft Windows Server 2003 Standard (32-bit) | 4 | 0.26% |
| Other 3.x Linux (64-bit) | 3 | 0.20% |
| Other (32-bit) | 2 | 0.13% |
| VMware Photon OS (64-bit) | 2 | 0.13% |
| Other 2.6.x Linux (32-bit) | 2 | 0.13% |
| Other 5.x Linux (64-bit) | 2 | 0.13% |
| Ubuntu Linux (64-bit) | 2 | 0.13% |
| CentOS 6 (64-bit) | 2 | 0.13% |
| Debian GNU/Linux 10 (64-bit) | 2 | 0.13% |
| Debian GNU/Linux 11 (64-bit) | 1 | 0.07% |
| FortiManager-VM64 v7.2.5-build1574 240313 (GA) | 1 | 0.07% |
| Other 2.4.x Linux (32-bit) | 1 | 0.07% |
| VMware ESXi 8.0 or later | 1 | 0.07% |
| VMware ESXi 7.x | 1 | 0.07% |
| Other 3.x or later Linux (64-bit) | 1 | 0.07% |
| SUSE Linux Enterprise 12 (64-bit) | 1 | 0.07% |
| Other Linux (64-bit) | 1 | 0.07% |
| CentOS 8 (64-bit) | 1 | 0.07% |
| Microsoft Windows Server 2003 (32-bit) | 1 | 0.07% |
| FreeBSD 13 (64-bit) | 1 | 0.07% |
| Microsoft Windows 2000 Server | 1 | 0.07% |
| SUSE Linux Enterprise 10 (64-bit) | 1 | 0.07% |

| **Number of Datastore connections (from Host) per storage system type. 1:n** | | |
| --- | --- | --- |
| **[vMultipath] DisplayName/Vendor/Model** | **Count** | **%** |
| [Local HPE Disk / HPE / LOGICAL VOLUME](https://www.google.com/search?q=HPE%20%20%20%20%20LOGICAL%20VOLUME%20%20%20CSI) | 57 | 75.00% |
| [Local NVMe Disk / NVMe / HPE NS204i-p Gen10+ Boot Controller](https://www.google.com/search?q=NVMeHPE%20NS204i-p%20Gen10%2B%20Boot%20Controller%20%20%20%20%20%20CSI) | 7 | 9.21% |
| [Local HP Disk / HP / LOGICAL VOLUME](https://www.google.com/search?q=HP%20%20%20%20%20%20LOGICAL%20VOLUME%20%20%20CSI) | 4 | 5.26% |
| [Local HP Disk / HP / MO001600JWDLA](https://www.google.com/search?q=HP%20%20%20%20%20%20MO001600JWDLA%20%20%20%20CSI) | 2 | 2.63% |
| [Local NVMe Disk / NVMe / HPE NS204i-p Gen10+ Boot Controller](https://www.google.com/search?q=NVMeHPE%20NS204i-p%20Gen10%2B%20Boot%20Controller%20CSI) | 2 | 2.63% |
| [Local HP Disk / HP / MO001920JWFWU](https://www.google.com/search?q=HP%20%20%20%20%20%20MO001920JWFWU%20%20%20%20CSI) | 1 | 1.32% |
| [Local HP Disk / HPE / MO001600JWTBT](https://www.google.com/search?q=HPE%20%20%20%20%20MO001600JWTBT%20%20%20%20CSI) | 1 | 1.32% |
| [Local HPE Disk / HPE / MR216i-p Gen11](https://www.google.com/search?q=HPE%20%20%20%20%20MR216i-p%20Gen11%20%20%20CSI) | 1 | 1.32% |
| [Local HPE Disk / HPE / VO001920JWTBL](https://www.google.com/search?q=HPE%20%20%20%20%20VO001920JWTBL%20%20%20%20CSI) | 1 | 1.32% |

| **[vDatastore] Datastores type, source (from address) and capacity in GiB** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **Type** | **Source** | **Capacity** | **Provsnd** | **InUse** | **Count** |
| NFS | 10.100.5.29 | 122 | 87 | 87 | 1 |
| VMFS | Local HP Disk | 7,029 | 859 | 554 | 8 |
| VMFS | Local HPE Disk | 18,754 | 1,115 | 626 | 59 |
| VMFS | Local NVMe Disk | 2,940 | 14 | 14 | 9 |
| vsan | vsanDatastore | 16,483 | 15,090 | 7,326 | 1 |
| vsan | vsanDatastore Site1 Secodary | 65,626 | 37,813 | 16,669 | 1 |
| vsan | vsanDatastore Site1DMZ | 29,303 | 39,660 | 12,549 | 1 |
| vsan | vsanDatastore Research Center | 16,483 | 8,064 | 3,347 | 1 |
| vsan | vsanDatastore Site2 | 5,494 | 1,162 | 721 | 1 |
| vsan | vsanDatastore RLAND CCE DMZ | 16,483 | 4,348 | 1,579 | 1 |
| vsan | vsanDatastore RLAND DMZ | 16,483 | 27,529 | 7,916 | 1 |
| vsan | vsanDatastore RemotelandLab | 21,977 | 9,128 | 4,008 | 1 |
| vsan | vsanDatastore MiniSite1 | 3,663 | 967 | 576 | 1 |
| vsan | vsanDatastore Linux Pro | 160,249 | 136,067 | 64,127 | 1 |
| vsan | vsanDatastore Neverland | 3,663 | 1,790 | 1,119 | 1 |
| vsan | vsanDatastore Site2Lab | 18,314 | 13,992 | 3,737 | 1 |
| vsan | vsanDatastore AcmeTower | 7,326 | 1,506 | 1,025 | 1 |
| vsan | vsanDatastore Windows Dev | 98,896 | 138,230 | 47,694 | 1 |
| vsan | vsanDatastore Windows Pro | 256,398 | 307,285 | 122,816 | 1 |
| vsan | vsanDatastore Windows Pro II | 144,224 | 174,217 | 96,414 | 1 |
| vsan | vsanDatastore\_Remoteland | 54,943 | 40,804 | 16,970 | 1 |
| vsan | vsanDatastore\_Site2 | 49,448 | 27,428 | 15,887 | 1 |
| vsan | vsanDatastore\_Remote | 29,303 | 14,130 | 6,533 | 1 |
| vsan | vsanDatastore\_RemoteDMZ | 7,326 | 4,204 | 1,399 | 1 |
| **NFS** | **Type Totals in GiB** | **122** | **87** | **87** | **1** |
| **VMFS** | **Type Totals in GiB** | **28,722** | **1,988** | **1,194** | **76** |
| **vsan** | **Type Totals in GiB** | **1,022,082** | **1,003,413** | **432,411** | **20** |

| **[vHost/vDatastore] Host Datastore connections grouped by Cluster and Type** | | | | |
| --- | --- | --- | --- | --- |
| **Datacenter** | **Cluster** | **NFS** | **VMFS** | **VSAN** |
| Site1 | Site1 Linux Pro vSAN Cluster | 2 | 7 | 7 |
| Site1 | Site1 Windows Dev vSAN Cluster | 0 | 3 | 3 |
| Site1 | Site1 Windows Pro II vSAN Cluster | 1 | 5 | 5 |
| Site1 | Site1 Windows Pro vSAN Cluster | 0 | 7 | 7 |
| Site1 DMZ | Site1 DMZ vSAN Cluster | 0 | 4 | 4 |
| Site1 Secondary | Site1 Secondary vSAN Cluster | 0 | 4 | 4 |
| Research Center Site1 | Research Center vSAN Cluster | 0 | 3 | 3 |
| Site2 | Site2 vSAN Cluster | 0 | 2 | 2 |
| Solar Park Site3 | Site3 DMZ vSAN Cluster | 0 | 3 | 3 |
| Solar Park Site3 | Site3 Lab vSAN Cluster | 0 | 3 | 3 |
| Solar Park Site3 | Site3 vSAN Cluster | 0 | 6 | 5 |
| Solar Park Site4 | Remoteland CCE vSAN Cluster | 0 | 3 | 3 |
| Solar Park Site4 | Remoteland DMZ vSAN Cluster | 0 | 3 | 3 |
| Solar Park Site4 | Remoteland Lab vSAN Cluster | 0 | 3 | 3 |
| Solar Park Site4 | Remoteland vSAN Cluster | 0 | 5 | 5 |
| G3C | NoCluster | 0 | 4 | 0 |
| MiniSite1 | MiniSite1 vSAN Cluster | 0 | 2 | 2 |
| DreamsRepublic | Neverland vSAN Cluster | 0 | 2 | 2 |
| Site Islands | Remote DMZ vSAN Cluster | 0 | 0 | 2 |
| Site Islands | Remote vSAN Cluster | 0 | 4 | 4 |
| Acme Tower | NoCluster | 0 | 1 | 0 |
| Acme Tower | Tower vSAN Cluster | 0 | 2 | 2 |
|  |  | **3** | **76** | **72** |

| **[vDisk] Number of VMs using each type of Disk Controller** | | |
| --- | --- | --- |
| **vDisk Controller** | **Count** | **%** |
| LSI Logic SAS | 1747 | 66.25% |
| VMware paravirtual SCSI | 744 | 28.21% |
| LSI Logic | 141 | 5.35% |
| BusLogic | 4 | 0.15% |
| NVME controller 0 | 1 | 0.04% |

| **[vDisk] VM/Controller (VMs with more than 1 controller)** | |
| --- | --- |
| **VM** | **Details** |
| CCOPDLGEJV01 | 3: {'VMware paravirtual SCSI': 1, 'LSI Logic': 1, 'LSI Logic SAS': 1} |
| SRV20112 | 2: {'VMware paravirtual SCSI': 1, 'NVME controller 0': 1} |

| **[vHBA] Model/Type** | **Count** | **%** |
| --- | --- | --- |
| [QLogic 57810 10 Gigabit Ethernet Adapter / ISCSI](https://catalog.redhat.com/search?gs&q=QLogic%2057810%2010%20Gigabit%20Ethernet%20Adapter) | 94 | 18.36% |
| [NVMe Datacenter SSD [3DNAND, Beta Rock Controller] / -](https://catalog.redhat.com/search?gs&q=NVMe%20Datacenter%20SSD%20%5B3DNAND%2C%20Beta%20Rock%20Controller%5D) | 60 | 11.72% |
| [NVMe SSD Controller PM173Xa / -](https://catalog.redhat.com/search?gs&q=NVMe%20SSD%20Controller%20PM173Xa) | 59 | 11.52% |
| [PE81x0 U.2/3 NVMe Solid State Drive / -](https://catalog.redhat.com/search?gs&q=PE81x0%20U.2/3%20NVMe%20Solid%20State%20Drive) | 52 | 10.16% |
| [QLogic Inc. FCoE Adapter / Fibre Channel](https://catalog.redhat.com/search?gs&q=QLogic%20Inc.%20FCoE%20Adapter) | 44 | 8.59% |
| [HPE P408i-a SR Gen10 / -](https://catalog.redhat.com/search?gs&q=HPE%20P408i-a%20SR%20Gen10) | 40 | 7.81% |
| [NVMe Datacenter SSD [Optane] / -](https://catalog.redhat.com/search?gs&q=NVMe%20Datacenter%20SSD%20%5BOptane%5D) | 30 | 5.86% |
| [NVMe SSD Controller PM173X / -](https://catalog.redhat.com/search?gs&q=NVMe%20SSD%20Controller%20PM173X) | 23 | 4.49% |
| [HPE P408i-p SR Gen10 / -](https://catalog.redhat.com/search?gs&q=HPE%20P408i-p%20SR%20Gen10) | 22 | 4.30% |
| [NVMe SSD Controller 172Xa/172Xb / -](https://catalog.redhat.com/search?gs&q=NVMe%20SSD%20Controller%20172Xa/172Xb) | 18 | 3.52% |
| [HPE E208i-a SR Gen10 / -](https://catalog.redhat.com/search?gs&q=HPE%20E208i-a%20SR%20Gen10) | 17 | 3.32% |
| [Marvell NR2241 NVMe Controller / -](https://catalog.redhat.com/search?gs&q=Marvell%20NR2241%20NVMe%20Controller) | 9 | 1.76% |
| [PIIX4 for 430TX/440BX/MX IDE Controller / Block SCSI](https://catalog.redhat.com/search?gs&q=PIIX4%20for%20430TX/440BX/MX%20IDE%20Controller) | 6 | 1.17% |
| [USB Storage Controller / Block SCSI](https://catalog.redhat.com/search?gs&q=USB%20Storage%20Controller) | 6 | 1.17% |
| [Wellsburg RAID Controller / Block SCSI](https://catalog.redhat.com/search?gs&q=Wellsburg%20RAID%20Controller) | 6 | 1.17% |
| [MegaRAID 12GSAS/PCIe Secure SAS39xx / -](https://catalog.redhat.com/search?gs&q=MegaRAID%2012GSAS/PCIe%20Secure%20SAS39xx) | 5 | 0.98% |
| [HPE P204i-c SR Gen10 / -](https://catalog.redhat.com/search?gs&q=HPE%20P204i-c%20SR%20Gen10) | 4 | 0.78% |
| [HPE P416ie-m SR G10 / -](https://catalog.redhat.com/search?gs&q=HPE%20P416ie-m%20SR%20G10) | 4 | 0.78% |
| [PVSCSI SCSI Controller / SCSI](https://catalog.redhat.com/search?gs&q=PVSCSI%20SCSI%20Controller) | 3 | 0.59% |
| [Smart Array P440 / -](https://catalog.redhat.com/search?gs&q=Smart%20Array%20P440) | 3 | 0.59% |
| [Smart Array P440ar / -](https://catalog.redhat.com/search?gs&q=Smart%20Array%20P440ar) | 3 | 0.59% |
| [PCIe Data Center SSD / -](https://catalog.redhat.com/search?gs&q=PCIe%20Data%20Center%20SSD) | 2 | 0.39% |
| [NVMe SSD Controller Cx6 / -](https://catalog.redhat.com/search?gs&q=NVMe%20SSD%20Controller%20Cx6) | 1 | 0.20% |
| [NVMe SSD Controller Cx5 / -](https://catalog.redhat.com/search?gs&q=NVMe%20SSD%20Controller%20Cx5) | 1 | 0.20% |

| **Storage Checks & Hints** | |
| --- | --- |
| **Check** | **Data** |
| VMs with more than 20 disks (vInfo) | 0 |
| Disks between 1TiB and 2TiB (vDisk) | 58 |
| Disks between 2TB and 4TB (vDisk) | 24 |
| Disks between 4TB and 6TB (vDisk) | 0 |
| Disks with more than 6TB (vDisk) | 0 |
| Partitions with less than 10 Mib free (vPartition) | 8 |
| Partitions with less than 50 Mib free (vPartition) | 16 |
| Partitions with less than 100 Mib free (vPartition) | 122 |
| Root Partitions with less than 100 Mib free (vPartition) | 3 |
| Root Partitions with less than 200 Mib free (vPartition) | 8 |
| Root Partitions with less than 500 Mib free (vPartition) | 9 |

Reference: Total VMs=1501 Total Disks=2637 Total Partitions=7098

| **[vPartition] Top 40 large disks greater than 4.000 GiB** | | | | |
| --- | --- | --- | --- | --- |
| **Disk** | **GiB** | **VMs** | **Annotations** | **Cnt** |
| E:\ | 24.699 | CEOPPWBKVE28 | Veeam Backup Proxy CI | 1 |
| J:\DATA\ | 5.063 | SRV12131 | sql14procrm1\_sql14crm1 | 1 |
| D:\ | 4.095 | SRV12187 | SQL server SO99 | 1 |
| D:\DATOS 1\ | 4.093 | SRV12130 | migracion instancia sql14probi1\sql14bi1 | 1 |
| E:\ | 4.091 | SRV02957 | truview enterprise | 1 |