



Solaris Support Matrix

Hitachi VSP 5x00, G1x00, F1500, E990, Gxx0, Fxx0, HUS VM

Note: Configurations added since the last matrix will be shown in red text.

Introduction

Use this interoperability matrix to check whether a proposed customer configuration is supported. Each tab contains a set of components that together comprise an Hitachi Vantara-supported solution. This includes operating system (OS) and maintenance release, host bus adapter (HBA), HBA driver, and storage area network (SAN) switches, both Fibre channel (FC), Fibre channel over Ethernet (FCoE), and 10 Gbps iSCSI.

Note: The arrays supported now include the VSP E990.

Note on the 16 & 32 Gb Interfaces:

- The 32Gb interface is only available on the VSP 5x00, E990, GX00 and FX00 arrays. It is supported with both 16 & 32Gb SFPs and operates at a maximum of 32Gbps.
- The HUS VM does not have a 16Gb FC interface.
- With SVOS 7, for Direct connection to 16Gb or 32Gb FC you must set the storage port to Fabric = OFF and Connection Type P-to-P (Point to Point)

If a combination does not appear on the OS support matrix, the customer's Hitachi Vantara Sales Engineer (SE) or other Hitachi field service employee must submit an Interoperability Support Request in order to gain support for the new configuration.

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VSP 5x00, G1x00, F1500, E990, Gxx0, Fxx0 support for Oracle Solaris 11.4 (SPARC)

| FC Storage Interface | | | |
|---|--|---|--|
| Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA) | | | |
| Manufacturer | Models | Driver Versions | Notes |
| Emulex | LPe12000, LPe12002, LPe1205, LPe1205A-HI, LPe1205-HI | Bundled | |
| | LPe16000, LPe16002, LPe16004, LPe16000B, LPe16002B | Bundled | |
| | LPe31000, LPe31002, LPe31004, LPe32000, LPe32002, LPe32004 | Bundled | |
| Oracle | 7101674, 7101682 | Bundled | |
| | 7101684, 7101690 | Bundled | |
| | 7335907, 7115461 | Bundled | |
| | 7335902, 7115462 | Bundled | |
| QLogic | QLE2560, QLE2562 | Bundled | |
| | QLE2660, QLE2662, QLE2670, QLE2672 | Bundled | |
| | QLE2690, QLE2692, QLE2740, QLE2742, QLE2742-ORL, QLE2764 | Bundled | |
| | QLE8360, QLE8362 | Bundled | |
| FC Switches | | | |
| Manufacturer | Models | Firmware Versions | Notes |
| Brocade | 6505, 6510, 6520, 7840, DCX 8510 | v8.1.2a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2k, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1e, v8.2.2 - v8.2.2d | Brocade FOS v8.2.1 is not supported. |
| | G610 | v8.2.1a - v8.2.1e, v8.2.2 - v8.2.2d | Brocade FOS v8.2.1 is not supported. |
| | G620, X6 | v8.2.1a - v8.2.1e, v8.2.2 - v8.2.2d | Brocade FOS v8.2.1 is not supported. |
| | G630 | v8.2.1a - v8.2.1e, v8.2.2 - v8.2.2d | Brocade FOS v8.2.1 is not supported. |
| Cisco | G620v2, G630v2, G720, X6 Plus, X7 | v9.0.0a - v9.0.0b | |
| | 9606 (8Gb), 9513 (8Gb) | v6.2(29) - v6.2(31) | |
| | 9132T | v8.3(1) - v8.3(2) | |
| | 9148S, 9706 | v8.2(1) - v8.2(2), v8.3(1) - v8.3(2), v8.4(1) - v8.4(2a) | |
| | 9250i | v8.2(1) - v8.2(2), v8.3(1) - v8.3(2) | |
| | 9396S | v8.2(1) - v8.2(2), v8.3(1) - v8.3(2) | |
| | 9710 | v8.2(1) - v8.2(2), v8.3(1) - v8.3(2) | |
| | 9718 | v8.2(1) - v8.2(2), v8.3(2) | Cisco OS v8.3(1) is no longer supported on the 9718. |
| | 9706 (32Gb), 9710 (32Gb) | v8.3(1) - v8.3(2), v8.4(1) - v8.4(2a) | |
| 9718 (32Gb) | v8.3(2) | Cisco OS v8.3(1) is no longer supported on the 9718. | |
| FCOE Switches (FCF mode) | | | |
| Manufacturer | Models | Firmware Versions | Notes |
| Cisco | Nexus 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up | v7.3(0)N1(1) - v7.3(1)N1(1), v7.3(2)N1(1), v7.3(6)N1(1) | |
| | Nexus 5672up, 5672up-2248pq | v7.3(0)N1(1) - v7.3(1)N1(1) | |

| FCOE Storage Interface - VSP G1000 only | | | |
|---|-----------------------------|-----------------------------|-------|
| Converged Network Adapters (CNA) | | | |
| Manufacturer | Models | Driver Versions | Notes |
| Oracle | 7101674, 7101682 | Bundled | |
| | 7101684, 7101690 | Bundled | |
| FCOE Switches | | | |
| Manufacturer | Models | Firmware Versions | Notes |
| Cisco | Nexus 5672up, 5672up-2248pq | v7.3(0)N1(1) - v7.3(1)N1(1) | |

10 Gbps iSCSI Storage Interface

| iSCSI Adapters | | | |
|----------------|--|-----------------------------|-------|
| Manufacturer | Models | Driver Versions | Notes |
| Oracle | 7101674, 7101682 | Bundled | |
| | 7101684, 7101690 | Bundled | |
| iSCSI Switches | | | |
| Manufacturer | Models | Firmware Versions | Notes |
| Any | Generic 10GigE Switch | Any 10GigE FW | |
| Cisco | Nexus 6001P, 6001p-2248pq, 6001T, 6004 | v7.3(0)N1(1) - v7.3(1)N1(1) | |

VSP 5x00, G1x00, F1500, Gxx0, Fxx0 support for Oracle Solaris 11.4 (X64)

| FC Storage Interface | | | |
|---|--|---|---|
| Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA) | | | |
| Manufacturer | Models | Driver Versions | Notes |
| Emulex | LPe12000, LPe12002, LPe1205, LPe1205A-HI, LPe1205-HI | Bundled | |
| | LPe31000, LPe31002, LPe31004, LPe32000, LPe32002, LPe32004 | Bundled | |
| | OCe14102 | Bundled | |
| Oracle | 7335907, 7115461 | Bundled | |
| | 7335902, 7115462 | Bundled | |
| QLogic | QLE2560, QLE2562 | Bundled | |
| | QLE2660, QLE2662, QLE2670, QLE2672 | Bundled | |
| | QLE2690, QLE2692, QLE2740, QLE2742, QLE2742-ORL, QLE2764 | Bundled | |
| FC Switches | | | |
| Manufacturer | Models | Firmware Versions | Notes |
| Brocade | 6505, 6510, 6520, 7840, DCX 8510 | v8.1.2a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2k, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1e, v8.2.2 - v8.2.2d | Brocade FOS v8.1.2c, v8.1.2e, v8.2.0, and v8.2.1 are not supported. |
| | G610 | v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1e, v8.2.2 - v8.2.2d | Brocade FOS v8.2.0 and v8.2.1 are not supported. |
| | G620, X6 | v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1e, v8.2.2 - v8.2.2d | Brocade FOS v8.2.0 and v8.2.1 are not supported. |
| | G630 | v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1e, v8.2.2 - v8.2.2d | Brocade FOS v8.2.0 and v8.2.1 are not supported. |
| | G620v2, G630v2, G720, X6 Plus, X7 | v9.0.0a - v9.0.0b | |
| Cisco | 9132T | v8.3(1) - v8.3(2) | |
| | 9148S, 9706 | v8.3(1) - v8.3(2) | |
| | 9250i | v8.3(1) - v8.3(2) | |
| | 9396S | v8.3(1) - v8.3(2) | |
| | 9710 | v8.3(1) - v8.3(2) | |
| | 9718 | v8.3(2) | Cisco OS v8.3(1) is no longer supported on the 9718. |
| | 9706 (32Gb), 9710 (32Gb) | v8.3(1) - v8.3(2), v8.4(1) - v8.4(2a) | |
| | 9718 (32Gb) | v8.3(2), v8.4(1) - v8.4(2a) | Cisco OS v8.3(1) is no longer supported on the 9718. |
| FCOE Switches (FCF mode) | | | |
| Manufacturer | Models | Firmware Versions | Notes |
| Cisco | Nexus 5672up, 5672up-2248pq | v7.3(0)N1(1) - v7.3(1)N1(1) | |
| FCOE Storage Interface - VSP G1000 only | | | |
| Converged Network Adapters (CNA) | | | |
| Manufacturer | Models | Driver Versions | Notes |
| Emulex | OCe14102 | Bundled | VSP G1x00, F1500, Gxx0, Fxx0 only |
| FCOE Switches | | | |
| Manufacturer | Models | Firmware Versions | Notes |
| Cisco | Nexus 5672up, 5672up-2248pq | v7.3(0)N1(1) - v7.3(1)N1(1) | |

10 Gbps iSCSI Storage Interface

| iSCSI Adapters | | | |
|----------------|--|-----------------------------|-------|
| Manufacturer | Models | Driver Versions | Notes |
| Oracle | 7101674, 7101682 | Bundled | |
| | 7101684, 7101690 | Bundled | |
| iSCSI Switches | | | |
| Manufacturer | Models | Firmware Versions | Notes |
| Any | Generic 10GigE Switch | Any 10GigE FW | |
| Cisco | Nexus 6001P, 6001p-2248pq, 6001T, 6004 | v7.3(0)N1(1) - v7.3(1)N1(1) | |

VSP 5x00, G1x00, F1500, Gxx0, Fxx0 support for Oracle Solaris 11.3 (SPARC)

| FC Storage Interface | | | |
|---|--|---|---|
| Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA) | | | |
| Manufacturer | Models | Driver Versions | Notes |
| Emulex | LPe12000, LPe12002 | Bundled | |
| | LPe16000, LPe16002, LPe16004, LPe16000B, LPe16002B | Bundled | |
| | LPe31000, LPe31002, LPe31004, LPe32000, LPe32002, LPe32004 | Bundled | |
| | OCe11102 | Bundled | |
| Oracle | 7101674, 7101682 | Bundled | |
| | 7101684, 7101690 | Bundled | |
| | 7335907, 7115461 | Bundled | |
| | 7335902, 7115462 | Bundled | |
| QLogic | QLE2560, QLE2562 | Bundled | |
| | QLE2660, QLE2662, QLE2670, QLE2672 | Bundled | |
| | QLE2690, QLE2692, QLE2740, QLE2742, QLE2742-ORL, QLE2764 | Bundled | |
| | QLE8360, QLE8362 | Bundled | |
| Sun | SG-XPCIE1FC-EM8-Z | Bundled | |
| | SG-XPCIE2FC-EM8-Z | | |
| | SG-XPCIE1FC-QF8-Z | Bundled | |
| | SG-XPCIE2FC-QF8-Z | | |
| | SG-XPCIEFCGBE-Q8-N | Bundled | |
| FC Switches | | | |
| Manufacturer | Models | Firmware Versions | Notes |
| Brocade | 300, 7800 | v7.4.2d - v7.4.2g | |
| | 6505, 6510, 6520, 7840, DCX 8510 | v7.4.2d - v7.4.2g, v8.1.2a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2k, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1e, v8.2.2 - v8.2.2d | Brocade FOS v8.1.2c, v8.1.2e, v8.2.0, and v8.2.1 are not supported. |
| | G610 | v8.1.2a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2k, v8.2.0a - v8.2.0b | Brocade FOS v8.1.2c, v8.1.2e, and v8.2.0 are not supported. |
| | G620, X6 | v8.1.2a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2k, v8.2.0a - v8.2.0b | Brocade FOS v8.1.2c, v8.1.2e, and v8.2.0 are not supported. |
| | G630 | v8.2.0a - v8.2.0b | Brocade FOS v8.2.0 is not supported. |
| | G620v2, G630v2, G720, X6 Plus, X7 | v9.0.0a - v9.0.0b | |
| Cisco | 9606 (8Gb), 9513 (8Gb) | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1) | |
| | 9132T | v8.2(1) - v8.2(2), v8.3(1) - v8.3(2) | |
| | 9148S, 9706 | v6.2(17) - v6.2(29) - v6.2(31), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2) | |
| | 9250i | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2) | |
| | 9396S | v6.2(17) - v6.2(29) - v6.2(31), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2) | |
| | 9710 | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1), v7.3(0)DY(1), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2) | |
| | 9718 | v7.3(0)D1(1) - v7.3(1)D1(1), v7.3(0)DY(1), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(2) | Cisco OS v8.3(1) is no longer supported on the 9718. |
| | 9706 (32Gb), 9710 (32Gb) | v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2) | |
| | 9718 (32Gb) | v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(2) | Cisco OS v8.3(1) is no longer supported on the 9718. |

| FCOE Switches (FCF mode) | | | |
|---------------------------------|--|------------------------------|--------------|
| Manufacturer | Models | Firmware Versions | Notes |
| Cisco | 9706 (FCoE), 9710 (FCoE), 9718 (FCoE) | v7.3(0)DY(1) | |
| | Nexus 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up | v7.3(6)N1(1) | |
| | Nexus 5672up, 5672up-2248pq | v7.1(0)N1(1a) - v7.1(1)N1(1) | |

| FCOE Storage Interface - VSP G1000 only | | | |
|--|-----------------------------|------------------------------|--------------|
| Converged Network Adapters (CNA) | | | |
| Manufacturer | Models | Driver Versions | Notes |
| Emulex | OCE11102 | Bundled | |
| QLogic | QLE8360, QLE8362 | Bundled | |
| FCOE Switches | | | |
| Manufacturer | Models | Firmware Versions | Notes |
| Cisco | Nexus 5672up, 5672up-2248pq | v7.1(0)N1(1a) - v7.1(1)N1(1) | |

VSP 5x00, G1x00, F1500, Gxx0, Fxx0 support for Oracle Solaris 11.3 (X64)

| FC Storage Interface | | | |
|---|--|---|---|
| Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA) | | | |
| Manufacturer | Models | Driver Versions | Notes |
| Emulex | LPe12000, LPe12002, LPe1205, LPe1205A-HI, LPe1205-HI | Bundled | |
| | LPe16000, LPe16002, LPe16004, LPe16000B, LPe16002B | Bundled | |
| | LPe31000, LPe31002, LPe31004, LPe32000, LPe32002, LPe32004 | Bundled | |
| | OCe11102 | Bundled | |
| HPE | 710608-B21 | Bundled | |
| | QMH2672 | | |
| Oracle | 7101674, 7101682 | Bundled | |
| | 7101684, 7101690 | Bundled | |
| | 7335907, 7115461 | Bundled | |
| | 7335902, 7115462 | Bundled | |
| Qlogic | QLE2560, QLE2562 | Bundled | |
| | QLE2690, QLE2692, QLE2740, QLE2742, QLE2742-ORL, QLE2764 | Bundled | |
| Sun | SG-XPCIE1FC-EM8-Z | Bundled | |
| | SG-XPCIE2FC-EM8-Z | | |
| | SG-XPCIE1FC-QF8-Z | Bundled | |
| | SG-XPCIE2FC-QF8-Z | | |
| FC Switches | | | |
| Manufacturer | Models | Firmware Versions | Notes |
| Brocade | 300, 7800 | v7.4.2d - v7.4.2g | |
| | 6505, 6510, 6520, 7840, DCX 8510 | v7.4.2d - v7.4.2g, v8.1.2a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2k, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1e, v8.2.2 - v8.2.2d | Brocade FOS v8.1.2c, v8.1.2e, v8.2.0, and v8.2.1 are not supported. |
| | G610 | v8.1.2a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2k, v8.2.0a - v8.2.0b | Brocade FOS v8.1.2c, v8.1.2e, and v8.2.0 are not supported. |
| | G620, X6 | v8.1.2a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2k, v8.2.0a - v8.2.0b | Brocade FOS v8.1.2c, v8.1.2e, and v8.2.0 are not supported. |
| | G630 | v8.2.0a - v8.2.0b | Brocade FOS v8.2.0 is not supported. |
| Cisco | 9606 (8Gb), 9513 (8Gb) | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1) | |
| | 9132T | v8.2(1) - v8.2(2), v8.3(1) - v8.3(2) | |
| | 9148S, 9706 | v6.2(17) - v6.2(29) - v6.2(31), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2) | |
| | 9250i | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1)), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2) | |
| | 9396S | v6.2(17) - v6.2(29) - v6.2(31), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2) | |
| | 9710 | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1), v7.3(0)DY(1), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2) | |
| | 9718 | v7.3(0)D1(1) - v7.3(1)D1(1), v7.3(0)DY(1), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(2) | Cisco OS v8.3(1) is no longer supported on the 9718. |
| | 9706 (32Gb), 9710 (32Gb) | v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2) | |
| | 9718 (32Gb) | v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(2) | Cisco OS v8.3(1) is no longer supported on the 9718. |

| FCOE Switches (FCF mode) | | | |
|---------------------------------|-----------------------------|------------------------------|--------------|
| Manufacturer | Models | Firmware Versions | Notes |
| Cisco | Nexus 5672up, 5672up-2248pq | v7.1(0)N1(1a) - v7.1(1)N1(1) | |

FCOE Storage Interface - VSP G1000 only

| Converged Network Adapters (CNA) | | | |
|---|------------------|------------------------|--------------|
| Manufacturer | Models | Driver Versions | Notes |
| Emulex | OCE11102 | Bundled | |
| QLogic | QLE8360, QLE8362 | Bundled | |

| FCOE Switches | | | |
|----------------------|-----------------------------|------------------------------|--------------|
| Manufacturer | Models | Firmware Versions | Notes |
| Cisco | Nexus 5672up, 5672up-2248pq | v7.1(0)N1(1a) - v7.1(1)N1(1) | |

10 Gbps iSCSI Storage Interface

| iSCSI Adapters | | | |
|-----------------------|---------------|------------------------|--------------|
| Manufacturer | Models | Driver Versions | Notes |
| Oracle | 7101684 | Bundled | |

| iSCSI Switches | | | |
|-----------------------|--|-----------------------------|--------------|
| Manufacturer | Models | Firmware Versions | Notes |
| Any | Generic 10GigE Switch | Any 10GigE FW | |
| Cisco | Nexus 6001P, 6001p-2248pq, 6001T, 6004 | v7.3(0)N1(1) - v7.3(1)N1(1) | |

VSP G1x00, F1500, Gxx0, Fxx0, HUS VM support for Oracle Solaris 11.2 (SPARC)

| FC Storage Interface | | | |
|---|--|---|---|
| Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA) | | | |
| Manufacturer | Models | Driver Versions | Notes |
| Emulex | LPe16000, LPe16002, LPe16004, LPe16000B, LPe16002B | Bundled | |
| Oracle | 7101674, 7101682 | Bundled | |
| | 7101684, 7101690 | Bundled | |
| QLogic | QLE2560, QLE2562 | Bundled | |
| | QLE2660, QLE2662, QLE2670, QLE2672 | Bundled | |
| Sun | SG-XPCIE1FC-EM8-Z | Bundled | |
| | SG-XPCIE2FC-EM8-Z | | |
| | SG-XPCIE1FC-QF8-Z | Bundled | |
| | SG-XPCIE2FC-QF8-Z | | |
| | SG-XPCIEFCGBE-E8-N | Bundled | |
| | SG-XPCIEFCGBE-Q8-N | Bundled | |
| FC Switches | | | |
| Manufacturer | Models | Firmware Versions | Notes |
| Brocade | 300, 7800 | v7.4.2d - v7.4.2g | |
| | G610 | v8.1.2a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2k | Brocade FOS v8.1.2c, and v8.1.2e are not supported. |
| | G620, X6 | v8.1.2a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2k | Brocade FOS v8.1.2c, and v8.1.2e are not supported. |
| Cisco | 9606 (8Gb), 9513 (8Gb) | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1) | |
| | 9148S, 9706 | v6.2(17) - v6.2(29) - v6.2(31), v8.1(1) - v8.1(1b) | |
| | 9250i | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1), v8.1(1) - v8.1(1b) | |
| | 9396S | v6.2(17) - v6.2(29) - v6.2(31), v8.1(1) - v8.1(1b) | |
| | 9710 | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1), v7.3(0)DY(1), v8.1(1) - v8.1(1b) | |

| FCOE Switches (FCF mode) | | | |
|--------------------------|--|---|--|
| Manufacturer | Models | Firmware Versions | Notes |
| Cisco | Nexus 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up | v6.0(2)N1(2), v6.0(2)N1(2a), v6.0(2)N2(1) - v6.0(2)N2(6), v7.0(0)N1(1) - v7.0(6)N1(1), v7.1(0)N1(1a) - v7.1(1)N1(1), v7.3(0)N1(1) | |
| | Nexus 5672up, 5672up-2248pq | v7.0(0)N1(1) - v7.0(6)N1(1), v7.1(0)N1(1a) - v7.1(1)N1(1) | |
| | Nexus 6001p-2248pq, 6001T, 6004 | v6.0(2)N1(2), v6.0(2)N1(2a), v6.0(2)N2(1) - v6.0(2)N2(5), v7.0(0)N1(1) - v7.0(6)N1(1) | Cisco Nexus 6001/6004 series requires v6.0(2)N1(2) and above. Nexus 6001T requires v6.0(2)N2(1) and above. |

VSP G1x00, F1500, Gxx0, Fxx0, HUS VM support for Oracle Solaris 11.2 (X64)

| FC Storage Interface | | | |
|--|--|---|--------------|
| Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA) | | | |
| Manufacturer | Models | Driver Versions | Notes |
| Emulex | LPe12000, LPe12002, LPe1205, LPe1205A-HI, LPe1205-HI | Bundled | |
| | LPe16000, LPe16002, LPe16004, LPe16000B, LPe16002B | Bundled | |
| | Emulex LPm16002B-HI | Bundled | |
| | OCe10102 | Bundled | |
| | | | |
| Oracle | 7101674, 7101682 | Bundled | |
| | 7101684, 7101690 | Bundled | |
| Qlogic | QLE2560, QLE2562 | Bundled | |
| | QLE2660, QLE2662, QLE2670, QLE2672 | Bundled | |
| Sun | SG-XPCIE1FC-EM8-Z | Bundled | |
| | SG-XPCIE2FC-EM8-Z | | |
| | SG-XPCIE1FC-QF8-Z | Bundled | |
| | SG-XPCIE2FC-QF8-Z | | |
| | SG-XPCIEFCGBE-E8-N | Bundled | |
| | SG-XPCIEFCGBE-Q8-N | Bundled | |
| | | | |
| FC Switches | | | |
| Manufacturer | Models | Firmware Versions | Notes |
| Brocade | 300, 7800 | v7.4.2d - v7.4.2g | |
| Cisco | 9606 (8Gb), 9513 (8Gb) | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1) | |
| | 9148S, 9706 | v6.2(17) - v6.2(29) - v6.2(31), v8.1(1) - v8.1(1b) | |
| | 9250i | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1)), v8.1(1) - v8.1(1b) | |
| | 9396S | v6.2(17) - v6.2(29) - v6.2(31), v8.1(1) - v8.1(1b) | |
| | 9710 | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1), v7.3(0)DY(1), v8.1(1) - v8.1(1b) | |
| | | | |

| FCOE Switches (FCF mode) | | | |
|--------------------------|--|---|--|
| Manufacturer | Models | Firmware Versions | Notes |
| Cisco | Nexus 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up | v6.0(2)N1(2), v6.0(2)N1(2a), v6.0(2)N2(1) - v6.0(2)N2(6), v7.0(0)N1(1) - v7.0(6)N1(1), v7.1(0)N1(1a) - v7.1(1)N1(1) | |
| | Nexus 5672up, 5672up-2248pq | v7.0(0)N1(1) - v7.0(6)N1(1), v7.1(0)N1(1a) - v7.1(1)N1(1) | |
| | Nexus 6001p-2248pq, 6001T, 6004 | v6.0(2)N1(2), v6.0(2)N1(2a), v6.0(2)N2(1) - v6.0(2)N2(5), v7.0(0)N1(1) - v7.0(6)N1(1) | Cisco Nexus 6001/6004 series requires v6.0(2)N1(2) and above. Nexus 6001T requires v6.0(2)N2(1) and above. |
| | UCS 6120XP, 6140XP, 6248up, 6296up | v2.1(3a) - v2.1(3g), v2.2(1b) - v2.2(1d), v2.2(3a) - v2.2(3d) | |

| FCOE Storage Interface - VSP G1000 only | | | |
|---|---|---|----------------------|
| Converged Network Adapters (CNA) | | | |
| Manufacturer | Models | Driver Versions | Notes |
| QLogic | QLE8360, QLE8362 | Bundled | |
| FCOE Switches | | | |
| Manufacturer | Models | Firmware Versions | Notes |
| Cisco | Nexus 5548p, 5548up, 5548up-2232pp, 5596up, 5596T, 5596T-2232TM-E | v7.0(0)N1(1), v7.0(1)N1(1) - v7.0(5)N1(1) | VSP G1000 & VSP only |
| | Nexus 6001P, 6001p-2248pq, 6001T, 6004 | v7.0(0)N1(1), v7.0(1)N1(1) - v7.0(5)N1(1) | VSP G1000 & VSP only |

| 10 Gbps iSCSI Storage Interface | | | |
|---------------------------------|--|-----------------------------|-------|
| iSCSI Adapters | | | |
| Manufacturer | Models | Driver Versions | Notes |
| Emulex | OCE11102 | Bundled | |
| Oracle | 7101684 | v2.90.15.0 | |
| iSCSI Switches | | | |
| Manufacturer | Models | Firmware Versions | Notes |
| Any | Generic 10GigE Switch | Any 10GigE FW | |
| Cisco | Nexus 6001P, 6001p-2248pq, 6001T, 6004 | v7.0(0)N1(1) - v7.0(6)N1(1) | |

VSP G1x00, F1500, Gxx0, Fxx0, HUS VM support for Oracle Solaris 11.1 (SPARC)

| FC Storage Interface | | | |
|---|--|---|-------|
| Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA) | | | |
| Manufacturer | Models | Driver Versions | Notes |
| Emulex | LPe12000, LPe12002, LPe1205, LPe1205-HI | Bundled | |
| | LPe16000, LPe16002, LPe16004, LPe16000B, LPe16002B | Bundled | |
| | OCe11102 | Bundled | |
| Oracle | 7101674, 7101682 | Bundled | |
| Qlogic | QLE2560, QLE2562 | Bundled | |
| | QLE2660, QLE2662, QLE2670, QLE2672 | Bundled | |
| Sun | SG-XPCIE1FC-EM8-Z | Bundled | |
| | SG-XPCIE2FC-EM8-Z | | |
| | SG-XPCIE1FC-QF8-Z | Bundled | |
| | SG-XPCIE2FC-QF8-Z | | |
| | SG-XPCIEFCGBE-E8-N | Bundled | |
| | SG-XPCIEFCGBE-Q8-N | Bundled | |
| FC Switches | | | |
| Manufacturer | Models | Firmware Versions | Notes |
| Brocade | 300, 7800 | v7.4.2d - v7.4.2g | |
| Cisco | 9606 (8Gb), 9513 (8Gb) | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1) | |
| | 9148S, 9706 | v6.2(17) - v6.2(29) - v6.2(31), v8.1(1) - v8.1(1b) | |
| | 9250i | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1)), v8.1(1) - v8.1(1b) | |
| | 9396S | v6.2(17) - v6.2(29) - v6.2(31), v8.1(1) - v8.1(1b) | |
| | 9710 | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1), v7.3(0)DY(1), v8.1(1) - v8.1(1b) | |

| FCOE Switches (FCF mode) | | | |
|---------------------------------|--|---|--|
| Manufacturer | Models | Firmware Versions | Notes |
| Cisco | Nexus 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up | v6.0(2)N1(2), v6.0(2)N1(2a), v6.0(2)N2(1) - v6.0(2)N2(6), v7.0(0)N1(1) - v7.0(6)N1(1), v7.1(0)N1(1a) - v7.1(1)N1(1), v7.3(0)N1(1) | |
| | Nexus 5672up, 5672up-2248pq | v7.0(0)N1(1) - v7.0(6)N1(1), v7.1(0)N1(1a) - v7.1(1)N1(1) | |
| | Nexus 6001p-2248pq, 6001T, 6004 | v6.0(2)N1(2), v6.0(2)N1(2a), v6.0(2)N2(1) - v6.0(2)N2(5), v7.0(0)N1(1) - v7.0(6)N1(1) | Cisco Nexus 6001/6004 series requires v6.0(2)N1(2) and above. Nexus 6001T requires v6.0(2)N2(1) and above. |

FCOE Storage Interface - VSP G1000 only

| Converged Network Adapters (CNA) | | | |
|---|---------------|------------------------|--------------|
| Manufacturer | Models | Driver Versions | Notes |
| Emulex | OCe11102 | Bundled | |

| FCOE Switches | | | |
|----------------------|---|---|--------------|
| Manufacturer | Models | Firmware Versions | Notes |
| Cisco | Nexus 5548p, 5548up, 5548up-2232pp, 5596up, 5596T, 5596T-2232TM-E | v7.0(0)N1(1), v7.0(1)N1(1) - v7.0(5)N1(1) | |
| | Nexus 6001P, 6001p-2248pq, 6001T, 6004 | v7.0(0)N1(1), v7.0(1)N1(1) - v7.0(5)N1(1) | |

VSP G1x00, F1500, Gxx0, Fxx0, HUS VM support for Oracle Solaris 11.1 (X64)

| FC Storage Interface | | | |
|--|--|---|--------------|
| Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA) | | | |
| Manufacturer | Models | Driver Versions | Notes |
| Emulex | LPe12000, LPe12002, LPe1205, LPe1205A-HI, LPe1205-HI | Bundled | |
| | Emulex LPm16002B-HI | v2.90.15.0 | |
| HPE | 456972-B21 | Bundled | |
| | LPe1205 | | |
| Qlogic | QLE2560, QLE2562 | Bundled | |
| Sun | SG-XPCIE1FC-EM8-Z | Bundled | |
| | SG-XPCIE2FC-EM8-Z | | |
| | SG-XPCIE1FC-QF8-Z | Bundled | |
| | SG-XPCIE2FC-QF8-Z | | |
| | SG-XPCIEFCGBE-Q8-N | Bundled | |
| | | | |
| FC Switches | | | |
| Manufacturer | Models | Firmware Versions | Notes |
| Brocade | 300, 7800 | v7.4.2d - v7.4.2g | |
| Cisco | 9606 (8Gb), 9513 (8Gb) | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1) | |
| | 9148S, 9706 | v6.2(17) - v6.2(29) - v6.2(31), v8.1(1) - v8.1(1b) | |
| | 9250i | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1), v8.1(1) - v8.1(1b) | |
| | 9396S | v6.2(17) - v6.2(29) - v6.2(31), v8.1(1) - v8.1(1b) | |
| | 9710 | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1), v7.3(0)DY(1), v8.1(1) - v8.1(1b) | |
| | | | |

| FCOE Switches (FCF mode) | | | |
|--------------------------|--|---|--|
| Manufacturer | Models | Firmware Versions | Notes |
| Cisco | Nexus 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up | v6.0(2)N1(2), v6.0(2)N1(2a), v6.0(2)N2(1) - v6.0(2)N2(6), v7.0(0)N1(1) - v7.0(6)N1(1), v7.1(0)N1(1a) - v7.1(1)N1(1) | |
| | Nexus 5672up, 5672up-2248pq | v7.0(0)N1(1) - v7.0(6)N1(1), v7.1(0)N1(1a) - v7.1(1)N1(1) | |
| | Nexus 6001p-2248pq, 6001T, 6004 | v6.0(2)N1(2), v6.0(2)N1(2a), v6.0(2)N2(1) - v6.0(2)N2(5), v7.0(0)N1(1) - v7.0(6)N1(1) | Cisco Nexus 6001/6004 series requires v6.0(2)N1(2) and above. Nexus 6001T requires v6.0(2)N2(1) and above. |
| | UCS 6120XP, 6140XP, 6248up, 6296up | v2.1(3a) - v2.1(3g), v2.2(1b) - v2.2(1d), v2.2(3a) - v2.2(3d) | |

VSP G1x00, F1500, Gxx0, Fxx0, HUS VM support for Oracle Solaris 11 (SPARC)

| FC Storage Interface | | | |
|--|------------------------|---|--------------|
| Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA) | | | |
| Manufacturer | Models | Driver Versions | Notes |
| Emulex | LPe12000, LPe12002 | Bundled | |
| Qlogic | QLE2560, QLE2562 | Bundled | |
| | QLE8142 | Bundled | |
| Sun | SG-XPCIE1FC-EM8-Z | Bundled | |
| | SG-XPCIE2FC-EM8-Z | | |
| | SG-XPCIE1FC-QF8-Z | Bundled | |
| | SG-XPCIE2FC-QF8-Z | | |
| | SG-XPCIEFCGBE-E8-N | Bundled | |
| | SG-XPCIEFCGBE-Q8-N | Bundled | |
| FC Switches | | | |
| Manufacturer | Models | Firmware Versions | Notes |
| Brocade | 300, 7800 | v7.4.2d - v7.4.2g | |
| Cisco | 9606 (8Gb), 9513 (8Gb) | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1) | |
| | 9148S, 9706 | v6.2(17) - v6.2(29) - v6.2(31), v8.1(1) - v8.1(1b) | |
| | 9250i | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1), v8.1(1) - v8.1(1b) | |
| | 9396S | v6.2(17) - v6.2(29) - v6.2(31), v8.1(1) - v8.1(1b) | |
| | 9710 | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1), v7.3(0)DY(1), v8.1(1) - v8.1(1b) | |

VSP G1x00, F1500, Gxx0, Fxx0, HUS VM support for Oracle Solaris 11 (X64)

| FC Storage Interface | | | |
|---|--|---|-------|
| Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA) | | | |
| Manufacturer | Models | Driver Versions | Notes |
| Emulex | LPe12000, LPe12002, LPe1205, LPe1205A-HI, LPe1205-HI | Bundled | |
| HPE | 456972-B21 LPe1205 | Bundled | |
| Qlogic | QLE2560, QLE2562 | Bundled | |
| Sun | SG-XPCIE1FC-EM8-Z | Bundled | |
| | SG-XPCIE2FC-EM8-Z | | |
| | SG-XPCIE1FC-QF8-Z SG-XPCIE2FC-QF8-Z | Bundled | |
| FC Switches | | | |
| Manufacturer | Models | Firmware Versions | Notes |
| Brocade | 300, 7800 | v7.4.2d - v7.4.2g | |
| Cisco | 9606 (8Gb), 9513 (8Gb) | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1) | |
| | 9148S, 9706 | v6.2(17) - v6.2(29) - v6.2(31), v8.1(1) - v8.1(1b) | |
| | 9250i | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1)), v8.1(1) - v8.1(1b) | |
| | 9396S | v6.2(17) - v6.2(29) - v6.2(31), v8.1(1) - v8.1(1b) | |
| | 9710 | v6.2(17) - v6.2(29) - v6.2(31), v7.3(0)D1(1) - v7.3(1)D1(1), v7.3(0)DY(1), v8.1(1) - v8.1(1b) | |
| | | | |

| FCOE Switches (FCF mode) | | | |
|--------------------------|--|---|--|
| Manufacturer | Models | Firmware Versions | Notes |
| Cisco | Nexus 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up | v6.0(2)N1(2), v6.0(2)N1(2a), v6.0(2)N2(1) - v6.0(2)N2(6), v7.0(0)N1(1) - v7.0(6)N1(1), v7.1(0)N1(1a) - v7.1(1)N1(1) | |
| | Nexus 5672up, 5672up-2248pq | v7.0(0)N1(1) - v7.0(6)N1(1), v7.1(0)N1(1a) - v7.1(1)N1(1) | |
| | Nexus 6001p-2248pq, 6001T, 6004 | v6.0(2)N1(2), v6.0(2)N1(2a), v6.0(2)N2(1) - v6.0(2)N2(5), v7.0(0)N1(1) - v7.0(6)N1(1) | Cisco Nexus 6001/6004 series requires v6.0(2)N1(2) and above. Nexus 6001T requires v6.0(2)N2(1) and above. |
| | UCS 6120XP, 6140XP, 6248up, 6296up | v2.1(3a) - v2.1(3g), v2.2(1b) - v2.2(1d), v2.2(3a) - v2.2(3d) | |