



## 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 - v8.2.2c	Brocade FOS v8.2.1 is not supported.
	G610	v8.2.1a - v8.2.1e, v8.2.2 - v8.2.2c	Brocade FOS v8.2.1 is not supported.
	G620, X6	v8.2.1a - v8.2.1e, v8.2.2 - v8.2.2c	Brocade FOS v8.2.1 is not supported.
	G630	v8.2.1a - v8.2.1e, v8.2.2 - v8.2.2c	Brocade FOS v8.2.1 is not supported.
Cisco	G620v2, G630v2, G720, X6 Plus, X7	v9.0.0a - v9.0.0b	
	9148, 9506 (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 - v8.2.2c	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 - v8.2.2c	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 - v8.2.2c	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 - v8.2.2c	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 - v8.2.2c	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 - <b>v9.0.0b</b>	
Cisco	9148, 9506 (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.

<b>FCOE Switches (FCF mode)</b>			
<b>Manufacturer</b>	<b>Models</b>	<b>Firmware Versions</b>	<b>Notes</b>
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)	

<b>FCOE Storage Interface - VSP G1000 only</b>			
<b>Converged Network Adapters (CNA)</b>			
<b>Manufacturer</b>	<b>Models</b>	<b>Driver Versions</b>	<b>Notes</b>
Emulex	OCE11102	Bundled	
QLogic	QLE8360, QLE8362	Bundled	
<b>FCOE Switches</b>			
<b>Manufacturer</b>	<b>Models</b>	<b>Firmware Versions</b>	<b>Notes</b>
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 - v8.2.2c	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	9148, 9506 (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.



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

### FCOE Storage Interface - VSP G1000 only

<b>Converged Network Adapters (CNA)</b>			
<b>Manufacturer</b>	<b>Models</b>	<b>Driver Versions</b>	<b>Notes</b>
Emulex	OCE11102	Bundled	
QLogic	QLE8360, QLE8362	Bundled	

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

### 10 Gbps iSCSI Storage Interface

<b>iSCSI Adapters</b>			
<b>Manufacturer</b>	<b>Models</b>	<b>Driver Versions</b>	<b>Notes</b>
Oracle	7101684	Bundled	

<b>iSCSI Switches</b>			
<b>Manufacturer</b>	<b>Models</b>	<b>Firmware Versions</b>	<b>Notes</b>
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	9148, 9506 (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	
<b>FC Switches</b>			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 7800	v7.4.2d - v7.4.2g	
Cisco	9148, 9506 (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	9148, 9506 (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	9148, 9506 (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)

<b>FC Storage Interface</b>			
<b>Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)</b>			
<b>Manufacturer</b>	<b>Models</b>	<b>Driver Versions</b>	<b>Notes</b>
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	
<b>FC Switches</b>			
<b>Manufacturer</b>	<b>Models</b>	<b>Firmware Versions</b>	<b>Notes</b>
Brocade	300, 7800	v7.4.2d - v7.4.2g	
Cisco	9148, 9506 (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	9148, 9506 (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)	