



RHEL Support Matrix

Hitachi VSP G1000, GX00, FX00, VSP, 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 HDS-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) and Fibre channel over Ethernet (FCoE).

Note on the 16 Gb Interfaces:

The VSP and HUS VM do not have 16Gb FC interfaces.

Direct connection to 16 Gig FC interfaces is only supported with the Hitachi 16Gb HBAs using the Fabric Emulation feature provided by the HBA.

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

Note that in some cases a component (HBA, driver, switch, switch firmware version) may no longer be supported (end of service life, EOSL) in which case the customer should choose components that are already supported from the matrix. Click on a tab to view associated components.

Legal Disclaimer

This information is subject to change without notice. The information contained in this document is provided by HDS for general information purposes only and is based on information as of the date of distribution (indicated by the date above). HDS makes no express or implied warranties of any kind whatsoever regarding the contents of this Document or the performance of the products referred to in these documents and HDS expressly disclaims all warranties including, without limitation, the implied warranties of satisfactory quality, merchantability or fitness for a particular purpose, the statutory warranty against infringement, and any warranty of title. HDS will have no liability whatsoever for any direct loss or damage (but excluding any liability for death, personal injury or fraudulent misrepresentation) or for any indirect, special, incidental or consequential damages, including but not limited to loss of data or records, lost profits or other economic loss, arising out of or in connection with the use of this information even if such loss was foreseeable or HDS had been advised of the possibility of such loss.

VSP G1000, GX00, FX00, VSP, HUS VM support for RHEL 7.2 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Emulex	LPe12000, LPe12002, LPe1205, LPe1205A-HI	v10.7.0.1	
	LPe16000, LPe16002, LPe16002B	v10.7.0.1	
HP	AJ763A, AJ763B, 82E	v10.7.0.1	
	AJ762A, AJ762B, 81E		
	AK344A, AJ764A, 81Q, 82Q	v8.07.00.18.07.2-k	
	SN1000Q	v8.07.00.18.07.2-k	
IBM	42D0485, 42D0494	v10.7.0.1	
	42D0501, 42D0510	v8.07.00.18.07.2-k	
Qlogic	QLE2560, QLE2562, QLE2564	v8.07.00.18.07.2-k	
	QLE2660, QLE2662, QLE2670, QLE2672	v8.07.00.18.07.2-k	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5100, 5300, 7800, DCX, DCX-4s	v7.3.0 - v7.3.2, v7.4.0 - v7.4.1b	
	6505, 6510, 6520, DCX8510	v7.3.0 - v7.3.2, v7.4.0 - v7.4.1b	
Cisco	9148, 9222i, 9506 (4Gb), 9506 (8Gb), 9509 (4Gb), 9509 (8Gb), 9513, 9513 (8Gb)	v5.2(1) - v5.2(8g), v6.2(1) - v6.2(13b)	
	9148S, 9706	v6.2(9a) - v6.2(13b)	
	9250i	v6.2(5) - v6.2(13b)	
	9396S	v6.2(13) - v6.2(13b)	
	9710	v6.2(1) - v6.2(13b)	
FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Cisco	Nexus 5672up, 5672up-2248pq	v7.1(0)N1(1a) - v7.2(1)N1(1)	
FCOE Storage Interface			
Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Emulex	OCe11102	v10.7.0.1	
Qlogic	QLE8360, QLE8362	v8.07.00.18.07.2-k	
FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	VSP G1000 & VSP only
Brocade	VDX 6740	v6.0.1a	VSP G1000 & VSP only
Cisco	Nexus 5672up, 5672up-2248pq	v7.1(0)N1(1a) - v7.2(1)N1(1)	VSP G1000 & VSP only

10 Gbps iSCSI Storage Interface			
iSCSI Adapters			
Manufacturer	Models	Driver Versions	Notes
Any	10 GbE NIC	Bundled	VSP G1000, G800, G600, G400, G200 only
Emulex	OCe11102	v10.6.0.0r	VSP G1000, G800, G600, G400, G200 only
QLogic	QLE8360, QLE8362	v5.04.00.00.07.02-k0	VSP G1000, G800, G600, G400, G200 only
iSCSI Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	VSP G1000, G800, G600, G400, G200 only

VSP G1000, GX00, FX00, VSP, HUS VM support for RHEL 7.1 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v1.6.0.18	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS 1340, 1380	v1.6.0.18	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe12000, LPe12002, LPe1205, LPe1205A-HI	v10.2.8021.1	
	LPe16000, LPe16002, LPe16002B	v10.2.8021.1	
HP	AJ763A, AJ763B, 82E	v10.2.8021.1	
	AJ762A, AJ762B, 81E		
	AK344A, AJ764A, 81Q, 82Q	v8.07.00.08.07.1-k2	
	SN1100E	v10.2.8021.1	
IBM	SN1000Q	v8.07.00.08.07.1-k2	
	42D0485, 42D0494	v10.2.8021.1	
Qlogic	42D0501, 42D0510	v8.07.00.08.07.1-k2	
	QLE2560, QLE2562, QLE2564	v8.07.00.08.07.1-k2	
	QLE2660, QLE2662, QLE2670, QLE2672	v8.07.00.08.07.1-k2	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5100, 5300, 7800, DCX, DCX-4s	v7.3.0 - v7.3.2 , v7.4.0 - v7.4.1b	
	6505, 6510, 6520, DCX8510	v7.3.0 - v7.3.2 , v7.4.0 - v7.4.1b	
Cisco	9148, 9222i, 9506 (4Gb), 9506 (8Gb), 9509 (4Gb), 9509 (8Gb), 9513, 9513 (8Gb)	v5.2(1) - v5.2(8g), v6.2(1) - v6.2(13b)	Cisco OS v5.2(8a) is not supported
	9148S, 9706	v6.2(9a) - v6.2(13b)	
	9250i	v6.2(5) - v6.2(13b)	
	9396S	v6.2(13) - v6.2(13b)	
	9710	v6.2(1) - v6.2(13b)	
FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Cisco	UCS 6120XP, 6140XP, 6248up, 6296up	v2.2(5b) - v2.2(6f)	
	UCS 6324	v3.0(2c) - v3.0(2d)	Cisco UCS Mini only
FCOE Storage Interface			
Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v1.6.0.18	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS 1340, 1380	v1.6.0.18	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	OCe10102	v10.4r v10.4.74.0r	
	OCe11102	v10.2.8021.1	
Qlogic	QLe8362	v8.07.00.08.07.1-k2	
FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	VSP G1000 & VSP only
Cisco	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up	v7.0(1)N1(1) - v7.0(6)N1(1)	VSP G1000 & VSP only
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.2(5b) - v2.2(6f)	
	UCS 6324	v3.0(2c) - v3.0(2d)	Cisco UCS Mini only

10 Gbps iSCSI Storage Interface			
iSCSI Adapters			
Manufacturer	Models	Driver Versions	Notes
Brocade	1020	v3.2.23.0r	VSP G1000, G800, G600, G400, G200 only
Emulex	OCe11102	v10.4.74.0r	VSP G1000, G800, G600, G400, G200 only
iSCSI Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	VSP G1000, G800, G600, G400, G200 only
Cisco	Nexus 5672up, 5672up-2248pq	v7.0(0)N1(1) - v7.0(6)N1(1)	VSP G1000, G800, G600, G400, G200 only

VSP G1000, GX00, FX00, VSP, HUS VM support for RHEL 7.0 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Brocade	825	v3.2.23.0	
	1860	v3.2.23.0	
	1020	v3.2.23.0	
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v1.6.0.12b v1.6.0.16	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS 1340, 1380	v1.6.0.12b v1.6.0.16	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v1.6.0.12b	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe12000, LPe12002, LPe1205, LPe1205-HI, LPe1205A-HI	v8.3.7.34.3p	
	LPe16000, LPe16002, LPe16002B	v8.3.7.34.3p v10.2.340.16	
	LPm16002B-HI	v8.3.7.34.3p	
	OCe10102	Bundled	
	OCe11102	v8.3.7.34.3p	
Hitachi	HFCE0802	v4.7.18.3006	
	HFCE1602-M	v4.7.18.3006	Supports Direct connect using the Fabric emulation feature. Storage 16G ports should be set Fabric ON/Point-To-Point
HP	710608-B21	v8.06.00.08.07.0-k2	
	QMH2672	v8.07.00.16.07.0-k	
	AJ763A, AJ763B, 82E	v8.3.7.34.3p	
	AJ762A, AJ762B, 81E		
	AK344A, AJ764A, 81Q, 82Q	v8.06.00.08.07.0-k2	
	SN1100E	v8.3.7.34.3p	
IBM	42D0485, 42D0494	v8.3.7.34.3p	
	42D0501, 42D0510	v8.06.00.08.07.0-k2	
Qlogic	QLE2560, QLE2562, QLE2564	v8.06.00.08.07.0-k2 v8.07.00.16.07.0-k	
	QLE2660, QLE2662, QLE2670, QLE2672	v8.06.00.08.07.0-k2	
	QLE8240, QLE8242	v8.06.00.08.07.0-k2	
	QLE8360, QLE8362	v8.06.00.08.07.0-k2	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5100, 5300, 7800, DCX, DCX-4s	v6.4.0 - v6.4.3h, v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2 , v7.4.0 - v7.4.1b	Brocade FOS v7.1.0 and v7.2.0 are not supported.
	6505, 6510, 6520, DCX8510	v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2 , v7.4.0 - v7.4.1b	Brocade FOS v7.1.0 and v7.2.0 are not supported.
Cisco	9124, 9134	v5.2(2d) - v5.2(8g)	Cisco OS v5.2(1) is not supported. Cisco NX-OS v6.2(x) and above is not supported on this platform
	9148, 9222i, 9506 (4Gb), 9506 (8Gb), 9509 (4Gb), 9509 (8Gb), 9513, 9513 (8Gb)	v5.2(1) - v5.2(8g), v6.2(1) - v6.2(13b)	Cisco OS v5.2(8a) is not supported
	9148S, 9706	v6.2(9a) - v6.2(13b)	
	9250i	v6.2(5) - v6.2(13b)	
	9396S	v6.2(13) - v6.2(13b)	
	9710	v6.2(1) - v6.2(13b)	
Hitachi	Hitachi Blade Server Switch - 5460	v7.2.1	
	Blade Server Switch - 6546	v7.2.0_hit	

FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	
Brocade	8000	v7.1.0a - v7.1.2b	
Cisco	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up	v5.1(3)N1(1) - v5.1(3)N2(1c), v5.2(1)N1(1) - v5.2(1)N1(8b), 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)	
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.2(3a), v2.2(3b), v2.2(3d) - v2.2(3f)	
	Nexus 6001P, 6001p-2248pq, 6001T, 6004	v7.0(1)N1(1) - v7.0(6)N1(1)	
	UCS 6324	v3.0(2c) - v3.0(2d)	Cisco UCS Mini only

FCOE Storage Interface			
Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Brocade	1020	v3.2.23.0	
	1860	v3.2.23.0	
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v1.6.0.12 v1.6.0.12b	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS 1340, 1380	v1.6.0.12 v1.6.0.12b	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v1.6.0.12 v1.6.0.12b	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	OCe10102	Bundled	
Qlogic	QLE8360, QLE8362	v8.06.00.08.07.0-k2	
FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	VSP G1000 & VSP only
Brocade	8000	v7.1.0a - v7.1.2b	VSP G1000 & VSP only supports Brocade 1020, 1860 only
Cisco	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up	v6.0(2)N2(1), v6.0(2)N2(1b), v6.0(2)N2(2) - v6.0(2)N2(6)	VSP G1000 & VSP only
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.2(3a), v2.2(3b), v2.2(3d) - v2.2(3f)	VSP G1000 & VSP only

VSP G1000, GX00, FX00, VSP, HUS VM support for RHEL 6.7 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Brocade	825	v3.2.23.0	
	1860	v3.2.23.0	
Emulex	LPe12000, LPe12002, LPe1205	v10.6.0.20	
	LPe16000, LPe16002, LPe16002B	v10.6.0.20	
	OCe11102	v10.6.0.20	
HP	456972-B21	v10.6.0.20	
	LPe1205-HP		
	AJ763A, AJ763B, 82E	v10.6.0.20	
	AJ762A, AJ762B, 81E		
	AK344A, AJ764A, 81Q, 82Q	v8.07.00.16.06.7-k	
	SN1100E	v10.6.0.20	
	SN1000Q	v8.07.00.16.06.7-k	
IBM	42D0485, 42D0494	v10.6.0.20	
	42D0501, 42D0510	v8.07.00.16.06.7-k	
Qlogic	QLE2560, QLE2562, QLE2564	v8.07.00.16.06.7-k	
	QLE2660, QLE2662, QLE2670, QLE2672	v8.07.00.16.06.7-k	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5100, 5300, 7800, DCX, DCX-4s	v6.4.0 - v6.4.3h, v7.3.0 - v7.3.2 , v7.4.0 - v7.4.1b	
	6505, 6510, 6520, DCX8510	7.1.0a - v7.1.2b, v7.3.0 - v7.3.2 , v7.4.0 - v7.4.1b	
Cisco	9148, 9222i, 9506 (4Gb), 9506 (8Gb), 9509 (4Gb), 9509 (8Gb), 9513, 9513 (8Gb)	v5.2(1) - v5.2(8g), v6.2(1) - v6.2(13b)	Cisco OS v5.2(8a) is not supported
	9148S, 9706	v6.2(9a) - v6.2(13b)	
	9250i	v6.2(5) - v6.2(13b)	
	9396S	v6.2(13) - v6.2(13b)	
	9710	v6.2(1) - v6.2(13b)	

FCOE Storage Interface			
Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Emulex	OCe11102	v10.6.0.20	
Qlogic	QLE8360, QLE8362	v8.07.00.16.06.7-k	
FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	VSP G1000 & VSP only
Brocade	VDX 6740	v5.0.1d	VSP G1000 & VSP only
Cisco	Nexus 5672up, 5672up-2248pq	v7.0(0)N1(1) - v7.0(7)N1(1)	VSP G1000 & VSP only

VSP G1000, GX00, FX00, VSP, HUS VM support for RHEL 6.6 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Brocade	825	v3.2.23.0	
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v1.6.0.12b v1.6.0.18	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v1.6.0.18	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe12000, LPe12002, LPe1205, LPe1205A-HI	v10.2.8020.1	
	LPe16000, LPe16002, LPe16002B	v10.2.8020.1	
	LPm16002B-HI	v10.2.8020.1	
	OCe11102	v10.2.8020.1	
Hitachi	HFCE0802	v4.6.18.2600	
	HFCE1602-M	v4.6.18.2600	Supports Direct connect using the Fabric emulation feature. Storage 16G ports should be set Fabric ON/Point-To-Point
HP	451871-B21 QMH2562	v8.07.00.08.06.6-k1	
	651281-B21 QMH2572	v8.07.00.08.06.6-k1	
	710608-B21 QMH2672	v8.07.00.16.06.0-k	
	AJ763A, AJ763B, 82E AJ762A, AJ762B, 81E	v10.2.8020.1	
	AK344A, AJ764A, 81Q, 82Q	v8.07.00.08.06.6-k1	
	SN1100E	v10.2.8020.1	
	SN1000Q	v8.07.00.08.06.6-k1	
IBM	42D0485, 42D0494	v10.2.8020.1	
	42D0501, 42D0510	v8.07.00.08.06.6-k1	
	46M6065, 46M6068	v8.07.00.08.06.6-k1	
	QMI2572		
Qlogic	QLE2560, QLE2562, QLE2564	v8.07.00.08.06.6-k1	
	QLE2660, QLE2662, QLE2670, QLE2672	v8.07.00.08.06.6-k1	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5100, 5300, 7800, DCX, DCX-4s	v7.3.0 - v7.3.2, v7.4.0 - v7.4.1b	
	6505, 6510, 6520, DCX8510	v7.3.0 - v7.3.2, v7.4.0 - v7.4.1b	
Cisco	9148, 9222i, 9506 (4Gb), 9506 (8Gb), 9509 (4Gb), 9509 (8Gb), 9513, 9513 (8Gb)	v5.2(1) - v5.2(8g), v6.2(1) - v6.2(13b)	Cisco OS v5.2(8a) is not supported
	9148S, 9706	v6.2(9a) - v6.2(13b)	
	9250i	v6.2(5) - v6.2(13b)	
	9396S	v6.2(13) - v6.2(13b)	
	9710	v6.2(1) - v6.2(13b)	
Hitachi	Hitachi Blade Server Switch - 5460	v7.2.1	
	Hitachi Blade Server Switch - 6546	v7.2.0_hit1	
FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	
Cisco	UCS 6120XP, 6140XP, 6248up, 6296up	v2.2(3a) - v2.2(3f), v2.2(5b)	
	Nexus 5020, 5596UP, 5548up-2232pp, Nexus 5596T-2232TM-E	v7.0(1)N1(1) - v7.0(6)N1(1)	
	UCS 6324	v3.0(2c) - v3.0(2d)	Cisco UCS Mini only

FCOE Storage Interface

Converged Network Adapters (CNA)

Manufacturer	Models	Driver Versions	Notes
Cisco	UCS M81KR	v1.6.0.18	Must connect to a Cisco UCS top of rack interconnect switch.

FCOE Switches

Manufacturer	Models	Firmware Versions	Notes
Cisco	UCS 6120XP, 6140XP, 6248up, 6296up	v2.2(3a) - v2.2(3f), v2.2(5b) - v2.2(6f)	
	UCS 6324	v3.0(2c) - v3.0(2d)	Cisco UCS Mini only

10 Gbps iSCSI Storage Interface

iSCSI Adapters

Manufacturer	Models	Driver Versions	Notes
HP	554FLR-SFP	v10.2.477.6-1	VSP G1000, G800, G600, G400, G200 only
Qlogic	QLe8362	v5.04.01.09.00.00-k0	VSP G1000, G800, G600, G400, G200 only

iSCSI Switches

Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	VSP G1000, G800, G600, G400, G200 only
Brocade	8000	v7.1.1	VSP G1000, G800, G600, G400, G200 only
Cisco	Nexus 6001p-2248pq, 6001T, 6004	v7.0(0)N1(1) - v7.0(6)N1(1)	VSP G1000, G800, G600, G400, G200 only
	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up	v7.0(0)N1(1) - v7.0(6)N1(1)	VSP G1000, G800, G600, G400, G200 only

VSP G1000, GX00, FX00, VSP, HUS VM support for RHEL 6.5 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Brocade	825	v3.2.4.0 v3.2.5.1	
	1020	v3.2.5.1	
	1860	v3.2.4.0 v3.2.5.1	
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v1.5.0.45 v1.5.0.49 v1.6.0.6 v1.6.0.10 v1.6.0.12 v1.6.0.12b v1.6.0.16	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS 1340, 1380	v1.6.0.12b	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v1.5.0.45 v1.5.0.49 v1.6.0.6 v1.6.0.10 v1.6.0.12 v1.6.0.12b	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe11000, LPe11002	v8.3.7.21.4p	
	LPe12000, LPe12002, LPe1205, LPe1205-HI	v8.3.7.21.4p v10.0.803.24	
	LPe16000, LPe16002, LPe16002B	v8.3.7.21.4p v8.3.7.33 v10.2.340.16	
	LPe16202	v8.3.7.21.4p	Submit ISR for FC Cisco switch support
	LPm16002B-HI	v8.3.7.21.4p	
	OCe10102	v10.0.803.24	
	OCe11102	v10.2.469.0	
HP	403621-B21	v8.3.7.21.4p	
	LPe1105	v8.3.7.39	
	451871-B21	v8.05.00.03.06.5-k2	
	QMH2562		
	651281-B21	v8.05.00.03.06.5-k2	
	QMH2572		
	554M, 554FLB	v8.3.7.39 v10.2.477.17	
	650M, 650FLB	v10.2.477.17	
	AJ763A, AJ763B, 82E	v8.3.7.21.4p	
	AJ762A, AJ762B, 81E	v10.0.803.24	
	AK344A, AJ764A, 81Q, 82Q	v8.05.00.03.06.5-k2	
	NC551i, NC551m	v10.2.477.17	
Hitachi	NC553i, NC553m, CN1100E	v8.3.7.39	
	HFCE0802	v4.6.17.2114 v4.6.18.2746	
IBM	46M6065	v8.05.00.03.06.5-k2	
	42D0494	v10.0.803.24	

Qlogic	QLE2560, QLE2562 , QLE2564	v8.05.00.03.06.5-k2	
	QLE2660, QLE2662, QLE2670, QLE2672	v8.05.00.03.06.5-k2 v8.06.00.10.06.0-k	
	QME2572	v8.05.00.03.06.5-k2	
	QLE8142	v8.05.00.03.06.0-k v8.06.00.10.06.0-k	
	QLE8152	v8.06.00.10.06.0-k	
	QLE8240, QLE8242	v8.05.00.03.06.5-k2	
	QLE8360, QLE8362	v8.05.00.03.06.5-k2	

FC Switches

Manufacturer	Models	Firmware Versions	Notes
Brocade	7500	v6.4.0 - v6.4.3h	
	300, 5100, 5300, 7800, DCX, DCX-4s	v6.4.0 - v6.4.3h, v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2 , v7.4.0 - v7.4.1b	Brocade FOS v7.1.0 and v7.2.0 are not supported.
	6505, 6510, 6520, DCX8510	v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2 , v7.4.0 - v7.4.1b	Brocade FOS v7.1.0 and v7.2.0 are not supported.
Cisco	9124, 9134	v5.2(2d) - v5.2(8g)	Cisco OS v5.2(1) is not supported. Cisco NX-OS v6.2(x) and above is not supported on this platform
	9148, 9222i, 9506 (4Gb), 9506 (8Gb), 9509 (4Gb), 9509 (8Gb), 9513, 9513 (8Gb)	v5.2(1) - v5.2(8g), v6.2(1) - v6.2(13b)	Cisco OS v5.2(8a) is not supported
	9148S, 9706	v6.2(9a) - v6.2(13b)	
	9250i	v6.2(5) - v6.2(13b)	
	9396S	v6.2(13) - v6.2(13b)	
	9710	v6.2(1) - v6.2(13b)	
Hitachi	Blade Server Switch - 5460	v7.0.2c, v7.2.1	
	Blade Server Switch - 6546	v7.2.0_hit	

FCOE Switches (FCF mode)

Manufacturer	Models	Firmware Versions	Notes
Cisco	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up	v5.1(3)N1(1) - v5.1(3)N2(1c), v5.2(1)N1(1) - v5.2(1)N1(8b), 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	v7.0(0)N1(1), v7.0(1)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(3d), v2.1(3g), v2.2(1b) - v2.2(1d), v2.2(2c), v2.2(3a), v2.2(3b), v2.2(3d) - v2.2(3f)	
	UCS 6324	v3.0(2c) - v3.0(2d)	Cisco UCS Mini only

FCOE Storage Interface			
Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Brocade	1860	v3.2.4.0	
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v1.5.0.49 v1.6.0.6 v1.6.0.10 v1.6.0.12 v1.6.0.12b	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v1.5.0.49 v1.6.0.6 v1.6.0.10 v1.6.0.12 v1.6.0.12b	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	OCe10102	v10.0.803.24	
	OCe11102	v8.3.7.21.4p v10.2.469.0	
Qlogic	QLE8152	v8.06.00.10.06.0-k	
FCOE Switches			
Manufacturer	Models	Driver Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	VSP G1000 & VSP only
Brocade	DCX (FCoE)	v7.3.1 - v7.3.1b	VSP G1000 & VSP only
Cisco	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up	v7.0(1)N1(1) - v7.0(6)N1(1)	VSP G1000 & VSP only
	Nexus 6001P, 6001p-2248pq, 6001T, 6004	v7.0(1)N1(1) - v7.0(6)N1(1)	VSP G1000 & VSP only
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.2(1b) - v2.2(1d), v2.2(2c), v2.2(3a), v2.2(3b), v2.2(3d) - v2.2(3f)	VSP G1000 & VSP only

10 Gbps iSCSI Storage Interface			
iSCSI Adapters			
Manufacturer	Models	Driver Versions	Notes
Brocade	1860	v3.2.5.1	VSP G1000, G800, G600, G400, G200 only
iSCSI Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	VSP G1000, G800, G600, G400, G200 only
Cisco	Nexus 5020, 5596UP, 5548up-2232pp, Nexus 5596T-2232TM-E	v7.0(0)N1(1) - v7.0(6)N1(1)	VSP G1000, G800, G600, G400, G200 only

VSP G1000, GX00, FX00, VSP, HUS VM support for RHEL 6.4 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Brocade	825	v3.2.0.0 v3.2.1.0 v3.2.3.0	
	1020	v3.2.3.0	
	1860	v3.2.0.0 v3.2.1.0 v3.2.3.0	
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v1.5.0.45 v1.6.0.12 v1.6.0.12b	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v1.5.0.45	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe11000, LPe11002	v8.3.5.86.1p	
	LPe12000, LPe12002, LPe1205, LPe1205-HI	v8.3.5.86.1p	
	LPe16000, LPe16002, LPe16002B	v8.3.5.68 v8.3.5.82 v8.3.5.86.1p	
	OCe10102	v8.3.7.18-1	
	OCe11102	v8.3.5.86.1p	
Hitachi	HFCE0802	v4.6.17.2104 v4.6.17.2114	
HP	451871-B21	v8.04.00.08.06.4-k	
	QMH2562		
	456972-B21	v8.3.5.86.1p	
	LPe1205		
	590647-B21	v3.0.23.0	
	651281-B21	v8.04.00.08.06.4-k	
	QMH2572		
	AJ763A, AJ763B, 82E AJ762A, AJ762B, 81E AK344A, AJ764A, 81Q, 82Q	v8.3.5.86.1p v8.04.00.08.06.4-k v8.04.00.12.06.0-k2-1	
IBM	554M, 554FLB	v10.2.477.17	
	44X1945	v8.04.00.08.06.4-k	
IBM	90Y3554	v8.3.7.29	
Intel	X520	v3.9.15-k	
Qlogic	QLE2460, QLE2462	v8.04.00.08.06.4-k	
	QLE2560, QLE2562, QLE2564	v8.04.00.08.06.4-k v8.04.00.12.06.0-k2-1	
	QLE2660, QLE2662, QLE2670, QLE2672	v8.04.00.06.06.0-k v8.04.00.08.06.4-k v8.05.00.06.06.0-k	
	QLE8300	v8.04.00.08.06.4-k	
	QLE8142	v8.05.00.03.06.0-k	
	QME2572	v8.04.00.08.06.4-k	

FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	7500	v6.4.0 - v6.4.3h	
	300, 5100, 5300, 7800, DCX, DCX-4s	v6.4.0 - v6.4.3h, v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2 , v7.4.0 - v7.4.1b	Brocade FOS v7.1.0 and v7.2.0 are not supported.
	6505, 6510, 6520, DCX8510	v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2 , v7.4.0 - v7.4.1b	Brocade FOS v7.1.0 and v7.2.0 are not supported.
Cisco	9124, 9134	v5.2(2d) - v5.2(8g)	Cisco OS v5.2(1) is not supported. Cisco NX-OS v6.2(x) and above is not supported on this platform
	9148, 9222i, 9506 (4Gb), 9506 (8Gb), 9509 (4Gb), 9509 (8Gb), 9513, 9513 (8Gb)	v5.2(1) - v5.2(8g), v6.2(1) - v6.2(13b)	Cisco OS v5.2(8a) is not supported
	9148S, 9706	v6.2(9a) - v6.2(13b)	
	9250i	v6.2(5) - v6.2(13b)	
	9396S	v6.2(13) - v6.2(13b)	
	9710	v6.2(1) - v6.2(13b)	
Hitachi	Hitachi Blade Server Switch - 5460	v7.0.2c	
FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	
Brocade	8000	v7.1.0a - v7.1.2b	
Cisco	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up	v5.1(3)N1(1), v5.1(3)N1(1a), v5.1(3)N2(1) - v5.1(3)N2(1c), v5.2(1)N1(1) - v5.2(1)N1(1b), v5.2(1)N1(2), v5.2(1)N1(2a), v5.2(1)N1(3) - v5.2(1)N1(8b), v6.0(2)N1(2), v6.0(2)N1(2a),	
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.1(1a) - v2.1(1f), v2.2(3a), v2.2(3b), v2.2(3d) - v2.2(3f)	
	Nexus 6001p-2248pq, 6001T, 6004	v6.0(2)N1(2), v6.0(2)N1(2a)	
IBM	EN4093R	v7.7.5.0	

FCOE Storage Interface			
Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v1.5.0.45	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v1.5.0.45	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	OCe10102	v8.3.7.18-1	
	OCe11102	v8.3.5.86.1p v10.0.803.24	
FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	VSP G1000 & VSP only
Cisco	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596up, 5596T, 5596T-2232TM-E	v5.1(3)N1(1), v5.1(3)N1(1a), v5.1(3)N2(1), v5.1(3)N2(1a), v5.1(3)N2(1b), v5.1(3)N2(1c), v5.2(1)N1(1) - v5.2(1)N1(7), 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)	VSP G1000 & VSP only
	Nexus 6001P, 6001p-2248pq, 6001T, 6004	v6.0(2)N1(2), v6.0(2)N1(2a)	VSP G1000 & VSP only
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.1(3a) - v2.1(3d), v2.1(3g)	VSP G1000 & VSP only

VSP G1000, GX00, FX00, VSP, HUS VM support for RHEL 6.3 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Brocade	825	v3.1.0.0 v3.2.0.0	
	1020	v3.1.0.0 v3.2.0.0	
	1860	v3.1.0.0 v3.2.0.0	
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v1.5.0.1 v1.5.0.20	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v1.5.0.1 v1.5.0.20 v1.5.0.45	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe11000, LPe11002	v8.3.5.68.5p	
	LPe12000, LPe12002, LPe1205, LPe1205-HI	v8.3.5.68 v8.3.5.68.5p	
	LPe16000, LPe16002, LPe16002B	Bundled v8.3.5.68.5p	
HP	403619-B21 QMH2462	v8.03.07.03-k v8.04.00.04.06.3-k v8.04.00.09.06.0	
	403621-B21 LPe1105	v8.3.5.68.5p	
	451871-B21 QMH2562	v8.03.07.03-k v8.04.00.04.06.3-k	
	456972-B21 LPe1205	v8.3.5.68.5p	
	554M, 554FLB	v8.3.23 v8.3.5.86 v8.3.5.86.4p	
	651281-B21 QMH2572	v8.03.07.03-k v8.04.00.04.06.3-k	
	AJ763A, AJ763B, 82E AJ762A, AJ762B, 81E	v8.3.5.68 v8.3.5.68.5p	
	AK344A, AJ764A, 81Q, 82Q	v8.03.7.13.06.0-k v8.04.00.04.06.3-k	
	NC553i, NC553m, CN1100E	v8.3.23	
IBM	41Y8527	v8.04.00.04.06.3-k	
	44X1945	v8.04.00.04.06.3-k	
	46M6140	v8.3.5.68.5p	
	69Y1938	v8.04.00.04.06.3-k	
	88Y6370	v3.1.0.1	
	90Y3554	v8.3.5.68.5p	
	95Y2375	v8.3.5.68.5p	
	95Y2379	v3.2.3.0	
Qlogic	QLE2460, QLE2462	v8.04.00.04.06.3-k	
	QLE2560, QLE2562, QLE2564	v8.03.7.13.06.0-k v8.04.00.04.06.3-k	
	QLE2660, QLE2662, QLE2670, QLE2672	v8.04.00.04.06.3-k	
	QLE8142	v8.03.7.13.11.1-k	
	QME2572	v8.04.00.04.06.3-k	

FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	7500	v6.4.0 - v6.4.3h	
	300, 5100, 5300, 7800, DCX, DCX-4s	v6.4.0 - v6.4.3h, v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2 , v7.4.0 - v7.4.1b	Brocade FOS v7.1.0 and v7.2.0 are not supported.
	6505, 6510, 6520, DCX8510	v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2 , v7.4.0 - v7.4.1b	Brocade FOS v7.1.0 and v7.2.0 are not supported.
Cisco	9124, 9134	v5.2(2d) - v5.2(8g)	Cisco OS v5.2(1) is not supported. Cisco NX-OS v6.2(x) and above is not supported on this platform
	9148, 9222i, 9506 (4Gb), 9506 (8Gb), 9509 (4Gb), 9509 (8Gb), 9513, 9513 (8Gb)	v5.2(1) - v5.2(8g), v6.2(1) - v6.2(13b)	Cisco OS v5.2(8a) is not supported
	9148S, 9706	v6.2(9a) - v6.2(13b)	
	9250i	v6.2(5) - v6.2(13b)	
	9396S	v6.2(13) - v6.2(13b)	
	9710	v6.2(1) - v6.2(13b)	
Hitachi	Hitachi Blade Server Switch - 5460	v7.0.2c	
IBM	69Y1930	v9.1.0.18.0	
	88Y6381	v7.0.0_pha	
	88Y6374	v7.0.0_pha4	

FCOE Storage Interface			
Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Brocade	1020	v3.2.0.0	
	1860	v3.2.0.0	
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v1.5.0.20	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v1.5.0.20	Must connect to a Cisco UCS top of rack interconnect switch.
Qlogic	QLE8360, QLE8362	v8.05.00.03.06.0-k	
FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	VSP G1000 & VSP only
Brocade	8000	v7.1.0a - v7.1.2b	VSP G1000 & VSP only supports Brocade 1020, 1860 only
Cisco	9250i (FCoE)	v6.2(5) - v6.2(13a)	VSP G1000 & VSP only
	9513 (FCoE)	v6.2(1) - v6.2(13a)	VSP G1000 & VSP only
	9706 (FCoE)	v6.2(9) - v6.2(13a)	VSP G1000 & VSP only
	9710 (FCoE)	v6.2(7) - v6.2(13a)	VSP G1000 & VSP only
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.0(5a) - v2.0(5f), v2.1(1a) - v2.1(1f)	VSP G1000 & VSP only

VSP G1000, GX00, FX00, VSP, HUS VM support for RHEL 6.2 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Brocade	825	v3.1.0.0	
	1020	v3.1.0.0	
	1860	v3.1.0.0	
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v1.5.0.20 v1.5.0.45	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v1.5.0.1	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS P81E	v1.5.0.20	
Emulex	LPe11000, LPe11002	v8.3.5.45.4p	
	LPe12000, LPe12002, LPe1205, LPe1205-HI	v8.3.5.65 v8.3.5.45.4p	
	LPe16000, LPe16002, LPe16002B	v8.3.5.45.4p	
	OCe10102	v8.3.5.68	
	OCe11102	v8.3.5.45.4p	
Hitachi	HFC0401/0402	v4.6.17.2096	
	HFCE0801	Bundled	
	HFCE0802	Bundled v4.6.17.2096 v8.3.5.45.4p	
HP	403619-B21 QMH2462	v8.03.07.13.06.0	
	403621-B21 LPe1105	v8.3.5.45.4p	
	451871-B21 QMH2562	v8.04.00.06.06.0-k	
	456972-B21 LPe1205	v8.3.5.45.4p	
	554M, 554FLB	v8.3.5.77.1p	
	590647-B21	v3.0.3.0	
	AJ763A, AJ763B, 82E	v8.3.5.65	
	AJ762A, AJ762B, 81E	v8.3.5.45.4p	
	AK344A, AJ764A, 81Q, 82Q	v8.03.07.05.06.2-k	
	NC553i, NC553m, CN1100E	v8.3.5.45.4p v8.3.5.77.1p	
	QLE2460, QLE2462	v8.03.07.05.06.2-k	
	QLE2560, QLE2562, QLE2564	v8.03.07.05.06.2-k	
	QLE2660, QLE2662, QLE2670, QLE2672	v8.04.00.06.06.0-k	
Qlogic	QLE8152	v8.03.01.06 v8.03.07.13.06.0-k	
	QLE8240, QLE8242	v8.03.07.05.06.2-k	

FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	7500	v6.4.0 - v6.4.3h	
	300, 5100, 5300, 7800, DCX, DCX-4s	v6.4.0 - v6.4.3h, v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2 , v7.4.0 - v7.4.1b	Brocade FOS v7.1.0 and v7.2.0 are not supported.
	6505, 6510, 6520, DCX8510	v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2 , v7.4.0 - v7.4.1b	Brocade FOS v7.1.0 and v7.2.0 are not supported.
Cisco	9124, 9134	v5.2(2d) - v5.2(8g)	Cisco OS v5.2(1) is not supported. Cisco NX-OS v6.2(x) and above is not supported on this platform
	9148, 9222i, 9506 (4Gb), 9506 (8Gb), 9509 (4Gb), 9509 (8Gb), 9513, 9513 (8Gb)	v5.2(1) - v5.2(8g), v6.2(1) - v6.2(13b)	Cisco OS v5.2(8a) is not supported
	9148S, 9706	v6.2(9a) - v6.2(13b)	
	9250i	v6.2(5) - v6.2(13b)	
	9396S	v6.2(13) - v6.2(13b)	
	9710	v6.2(1) - v6.2(13b)	
Hitachi	Hitachi Blade Server Switch - 5460	v7.0.2c	
HP	651281-B21	v8.03.07.05.06.2-k	
IBM	69Y1930	v9.1.0.18.0	
	88Y6381	v7.0.0_pha	
	88Y6374	v7.0.0_pha4	
FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Brocade	8000	v7.0.0 - v7.0.2e	
Cisco	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up	v5.1(3)N1(1) - v5.1(3)N2(1c), v5.2(1)N1(1) - v5.2(1)N1(8b), 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)	
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.0(4a), v2.0(5a), v2.1(1a) - v2.1(1f)	
	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			
Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v1.5.0.20 v1.5.0.45	Must connect to a Cisco UCS top of rack interconnect switch.
	P81E	v1.5.0.20	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	OCe10102	v8.2.0.106.1p v8.3.5.68 v8.3.5.45.4p	
	OCe11102	v8.3.5.45.4p	
Qlogic	QLE8240, QLE8242	v8.03.07.05.06.2-k	
	QLE8152	v8.03.01.06 v8.03.07.13.06.0-k	
FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	VSP G1000 & VSP only
Cisco	9250i (FCoE)	v6.2(5) - v6.2(13a)	VSP G1000 & VSP only
	9513 (FCoE)	v6.2(1) - v6.2(13a)	VSP G1000 & VSP only
	9706 (FCoE)	v6.2(9) - v6.2(13a)	VSP G1000 & VSP only
	9710 (FCoE)	v6.2(7) - v6.2(13a)	VSP G1000 & VSP only
	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up	v5.1(3)N1(1), v5.1(3)N1(1a), v5.1(3)N2(1) - v5.1(3)N2(1c), v5.2(1)N1(1) - v5.2(1)N1(1b), v5.2(1)N1(2), v5.2(1)N1(2a), v5.2(1)N1(3) - v5.2(1)N1(8b), v6.0(2)N1(2), v6.0(2)N1(2a), v6.0(2)N2(1), v6.0(2)N2(1b), v6.0(2)N2(2) - v6.0(2)N2(5), v7.0(0)N1(1), v7.0(1)N1(1) - v7.0(6)N1(1)	VSP G1000 & VSP only
	Nexus 6001P, 6001p-2248pq, 6001T, 6004	v6.0(2)N1(2), v6.0(2)N1(2a), v6.0(2)N2(1), v6.0(2)N2(1b), v6.0(2)N2(2), v6.0(2)N2(3) - v6.0(2)N2(5), v7.0(0)N1(1), v7.0(1)N1(1) - v7.0(6)N1(1)	VSP G1000 & VSP only

VSP G1000, GX00, FX00, VSP, HUS VM support for RHEL 5.0 UP11 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Brocade	825	v3.0.23.0	
	1860	v3.0.23.0 v3.2.4.0	
Cisco	UCS 1340, 1380	v1.6.0.12b	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LP11000, LP11002	v8.2.0.128.3p	
	LPe11000, LPe11002	v8.2.0.128.3p	
	LPe12000, LPe12002, LPe1205	v8.2.0.128.3p	
	LPe16000, LPe16002, LPe16002B	v8.2.0.128.3p	
	LPe1205A-HI	v8.2.0.128.3p	
	LPm16002B-HI	v8.2.0.128.3p	
	OCI11102-F-HI	v8.2.0.128.3p	
HP	710608-B21	v8.03.07.15.05.09-k	
	QMH2672		
	AJ763A, AJ763B, 82E AJ762A, AJ762B, 81E	v8.2.0.128.3p	
	AK344A, AJ764A, 81Q, 82Q	v8.03.07.15.05.09-k	
IBM	46M6065, 46M6068	v8.03.07.15.05.09-k	
	QMI2572		
Qlogic	42D0494	v8.2.0.128.3p	
	QLA2460 QLE2462	v8.03.07.15.05.09-k	
	QLE2560, QLE2562	v8.03.07.15.05.09-k	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5100, 5300, 7800, DCX, DCX-4s	v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2, v7.4.0 - v7.4.1b	Brocade FOS v7.2.0 is not supported.
	6505, 6510, 6520, DCX8510	v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2, v7.4.0 - v7.4.1b	Brocade FOS v7.2.0 is not supported.
Cisco	9148, 9222i, 9506 (4Gb), 9506 (8Gb), 9509 (4Gb), 9509 (8Gb), 9513, 9513 (8Gb)	v5.2(1) - v5.2(8g), v6.2(1) - v6.2(13b)	Cisco OS v5.2(8a) is not supported
	9148S, 9706	v6.2(9a) - v6.2(13b)	
	9250i	v6.2(5) - v6.2(13b)	
	9396S	v6.2(13) - v6.2(13b)	
	9710	v6.2(1) - v6.2(13b)	
Hitachi	Blade Server Switch - 5460	v7.2.1	
	Blade Server Switch - 6546	v7.2.0_hit	
FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	
Cisco	UCS 6120XP, 6140XP, 6248up, 6296up	v2.2(3a), v2.2(3b), v2.2(3d) - v2.2(3f)	

FCOE Storage Interface			
Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Emulex	OCe11102	v8.2.0.128.3p	
FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	VSP G1000 & VSP only
Cisco	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up	v7.0(0)N1(1), v7.0(1)N1(1) - v7.0(6)N1(1)	VSP G1000 & VSP only

VSP G1000, GX00, FX00, VSP, HUS VM support for RHEL 5.0 UP10 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Brocade	1020	v3.2.4.0 v3.2.5.1	
	1860	v3.2.4.0 v3.2.5.1	
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v1.5.0.49 v1.6.0.6 v1.6.0.10 v1.6.0.12b	
	UCS M81KR	v1.5.0.49 v1.6.0.6 v1.6.0.10 v1.6.0.12b	
Emulex	LPe11000, LPe11002	v8.2.2.30	
	LPe12000, LPe12002, LPe1205	v8.2.2.30 v8.2.0.128.3p	
	LPe16000, LPe16002, LPe16002B	v8.2.2.30	
HP	403619-B21 QMH2462	v8.2.0.128.3p	
	403621-B21 LPe1105	v8.03.07.15.05.09-k	
	451871-B21 QMH2562	v8.03.07.15.05.09-k	
	AJ763A, AJ763B, 82E	v8.2.2.30	
	AJ762A, AJ762B, 81E	v8.2.0.128.3p	
	AK344A, AJ764A, 81Q, 82Q	v8.06.00.11.5.6-k v8.03.07.15.05.09-k	
	NC553i, NC553m, CN1100E	v8.2.2.29	
	NC551i, NC551m	v8.2.2.29	
	554M, 554FLB	v8.2.2.29	
Qlogic	QLE2460, QLE2462	v8.06.00.11.5.6-k	
	QLE2560, QLE2562	v8.06.00.11.5.6-k v8.03.07.15.05.09-k	
	QLE2670, QLE2672	8.06.00.11.5.6-k	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5100, 5300, 7800, DCX, DCX-4s	v6.4.0 - v6.4.3h, v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2, v7.4.0 - v7.4.1b	Brocade FOS v7.1.0 and v7.2.0 are not supported.
	6505, 6510, 6520, DCX8510	v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2, v7.4.0 - v7.4.1b	Brocade FOS v7.1.0 and v7.2.0 are not supported.
Cisco	9124, 9134	v5.2(2d) - v5.2(8g)	Cisco OS v5.2(1) is not supported. Cisco NX-OS v6.2(x) and above is not supported on this platform
	9148, 9222i, 9506 (4Gb), 9506 (8Gb), 9509 (4Gb), 9509 (8Gb), 9513, 9513 (8Gb)	v5.2(1) - v5.2(8g), v6.2(1) - v6.2(13b)	Cisco OS v5.2(8a) is not supported
	9148S, 9706	v6.2(9a) - v6.2(13b)	
	9250i	v6.2(5) - v6.2(13b)	
	9396S	v6.2(13) - v6.2(13b)	
	9710	v6.2(1) - v6.2(13b)	

FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Cisco	UCS 6120XP, 6140XP, 6248up, 6296up	v2.1(3a) - v2.1(3d), v2.1(3g), v2.2(1b) - v2.2(1d), v2.2(3a), v2.2(3b), v2.2(3d) - v2.2(3f)	

FCOE Storage Interface			
Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Cisco	OCe11102	v8.2.0.128.3p	
	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v1.5.0.20 v1.5.0.45	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v1.5.0.20	Must connect to a Cisco UCS top of rack interconnect switch.
FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Cisco	UCS 6120XP, 6140XP, 6248up, 6296up	v2.2(1b) - v2.2(1d), v2.2(2c), v2.2(3a), v2.2(3b), v2.2(3d) - v2.2(3f)	VSP G1000 & VSP only

VSP G1000, GX00, FX00, VSP, HUS VM support for RHEL 5.0 UP9 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Brocade	1020	v3.2.0.0 v3.2.3.0 v3.2.4.0	
	1860	v3.2.0.0 v3.2.1.0 v3.2.3.0 v3.2.4.0	
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v1.5.0.20 v1.5.0.45 v1.6.0.12b	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v1.5.0.20 v1.5.0.45	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe11000, LPe11002	v8.2.0.128.3p	
	LPe12000, LPe12002, LPe1205, LPe1205-HI	v8.2.0.128.3p	
	LPe16000, LPe16002, LPe16002B	v8.2.2.15 v10.0.803.24	
HP	403619-B21 QMH2462	v8.03.07.15.05.09-k	
	403621-B21 LPe1105	v8.2.0.145	
	451871-B21 QMH2562	v8.03.07.15.05.09-k	
	456972-B21 LPe1205	v8.2.0.145	
	659818-B21 LPe1205A	v8.2.0.145 v8.2.0.128.3p	
	AJ763A, AJ763B, 82E AJ762A, AJ762B, 81E	v8.2.0.128.3p	
	AK344A, AJ764A, 81Q, 82Q	v8.03.07.15.05.09-k v8.03.07.15.09-k	
IBM	39Y9306	v8.03.07.15.05.09-k	
Qlogic	QLE2460, QLE2462	v8.03.07.15.05.09-k	
	QLE2560, QLE2562	v8.03.07.15.05.09-k v8.03.07.15.09-k	
	QLE2670, QLE2672	8.04.00.15.5.6-k	
	QME2572	v8.03.07.15.05.09-k	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	7500	v6.4.0 - v6.4.3h	
	300, 5100, 5300, 7800, DCX, DCX-4s	v6.4.0 - v6.4.3h, v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2, v7.4.0 - v7.4.1b	Brocade FOS v7.1.0 and v7.2.0 are not supported.
	6505, 6510, 6520, DCX8510	v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2, v7.4.0 - v7.4.1b	Brocade FOS v7.1.0 and v7.2.0 are not supported.
Cisco	9124, 9134	v5.2(2d) - v5.2(8g)	Cisco OS v5.2(1) is not supported. Cisco NX-OS v6.2(x) and above is not supported on this platform
	9148, 9222i, 9506 (4Gb), 9506 (8Gb), 9509 (4Gb), 9509 (8Gb), 9513, 9513 (8Gb)	v5.2(1) - v5.2(8g), v6.2(1) - v6.2(13b)	Cisco OS v5.2(8a) is not supported
	9148S, 9706	v6.2(9a) - v6.2(13b)	
	9250i	v6.2(5) - v6.2(13b)	
	9396S	v6.2(13) - v6.2(13b)	
	9710	v6.2(1) - v6.2(13b)	

Hitachi	Hitachi Blade Server Switch - 5460	v7.0.2c	
---------	------------------------------------	---------	--

FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Cisco	Nexus 5020, 5596UP, 5548up-2232pp, Nexus 5596T-2232TM-E	v6.0(2)N2(1), v6.0(2)N2(1b), v6.0(2)N2(2) - v6.0(2)N2(5)	
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.1(1a) - v2.1(1f), v2.0(4a), v2.0(4b), v2.0(4d), v2.0(5a) - v2.0(5f), v2.2(1b) - v2.2(1d), v2.2(2c), v2.2(3a), v2.2(3b), v2.2(3d) - v2.2(3f)	

FCOE Storage Interface			
Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v1.5.0.20 v1.5.0.45	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v1.5.0.20 v1.5.0.45	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	OCe11102	Bundled	
Qlogic	QLE8242	Bundled	
FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	VSP G1000 & VSP only
Brocade	8000	v6.4.0 - v6.4.3g, v7.0.0 - v7.0.2e	VSP G1000 & VSP only
Cisco	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up	v5.2(1)N1(1) - v5.2(1)N1(1b), v5.2(1)N1(2), v5.2(1)N1(2a), v5.2(1)N1(3) - v5.2(1)N1(8b)	VSP G1000 & VSP only
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.0(5a) - v2.0(5f), v2.1(1a) - v2.1(1f)	VSP G1000 & VSP only

VSP G1000, GX00, FX00, VSP, HUS VM support for RHEL 5.0 UP8 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Brocade	825	v3.1.0.0 v3.2.0.0	
	1020	v3.1.0.0 v3.2.0.0	
	1860	v3.1.0.0 v3.2.0.0	
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v1.5.0.1 v1.5.0.20	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v1.5.0.1 v1.5.0.20 v1.5.0.45	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe11000, LPe11002	v8.2.0.108.3p v8.2.0.108.4p	
	LPe12000, LPe12002, LPe1205, LPe1205-HI	v8.2.0.108.3p v8.2.0.108.4p	
HP	403619-B21 QMH2462	v8.04.00.06.5.6-k	
	403621-B21 LPe1105	v8.2.0.108.4p v8.2.0.134	
	451871-B21 QMH2562	v8.03.07.09.05.08-k	
	456972-B21 LPe1205	v8.2.0.134	
	659818-B21 LPe1205A	v8.2.0.108.4p	
	AJ763A, AJ763B, 82E AJ762A, AJ762B, 81E	v8.2.0.108.3p v8.2.0.108.4p	
	AK344A, AJ764A, 81Q, 82Q	v8.03.07.09.05.08-k	
	NC553i, NC553m, CN1100E	v8.2.0.145	
	554M, 554FLB	v8.2.0.145	
Qlogic	QLE2460, QLE2462	v8.03.07.09.05.08-k v8.03.07.14.5.6	
	QLE2560, QLE2562	v8.03.07.09.05.08-k	
	QME2572	v8.03.07.09.05.08-k	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	7500	v6.4.0 - v6.4.3h	
	300, 5100, 5300, 7800, DCX, DCX-4s	v6.4.0 - v6.4.3h, v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2 , v7.4.0 - v7.4.1b	Brocade FOS v7.1.0 and v7.2.0 are not supported.
	6505, 6510, 6520, DCX8510	v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2 , v7.4.0 - v7.4.1b	Brocade FOS v7.1.0 and v7.2.0 are not supported.
Cisco	9124, 9134	v5.2(2d) - v5.2(8g)	Cisco OS v5.2(1) is not supported. Cisco NX-OS v6.2(x) and above is not supported on this platform
	9148, 9222i, 9506 (4Gb), 9506 (8Gb), 9509 (4Gb), 9509 (8Gb), 9513, 9513 (8Gb)	v5.2(1) - v5.2(8g), v6.2(1) - v6.2(13b)	Cisco OS v5.2(8a) is not supported
	9148S, 9706	v6.2(9a) - v6.2(13b)	
	9250i	v6.2(5) - v6.2(13b)	
	9396S	v6.2(13) - v6.2(13b)	
	9710	v6.2(1) - v6.2(13b)	
Hitachi	Hitachi Blade Server Switch - 5460	v7.0.2c	

FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Cisco	UCS 6120XP, 6140XP, 6248up, 6296up	v2.0(3a), v2.0(4a), v2.0(2m), v2.0(2q), v2.1(1a), v2.1(3b)	
	Nexus 5548p, 5548up, 5596up	v5.2(1)N1(1) - v5.2(1)N1(1b)	
Hitachi	Blade Server Switch - 5460	v7.0.2c	
Brocade	8000	v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b	

FCOE Storage Interface			
Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Brocade	1020	v3.2.0.0	
	1860	v3.2.0.0	
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v1.5.0.20	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v1.5.0.20	Must connect to a Cisco UCS top of rack interconnect switch.
FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	VSP G1000 & VSP only
Brocade	8000	v7.1.0a - v7.1.2b	VSP G1000 & VSP only Support for Brocade 1020, 1860 only
Cisco	UCS 6120XP, 6140XP, 6248up, 6296up	v2.1(1a) - v2.1(1f)	VSP G1000 & VSP only