



RHEL Support Matrix

Hitachi VSP G1x00, F1500, Gxx0, Fxx0, 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 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) and Fibre channel over Ethernet (FCoE).

Note: The arrays supported now include the VSP F700, F900, G700, G900, F350, F370, G350, & G370.

Note on the 16 & 32 Gb Interfaces:

- The 32Gb interface is only available on the GX00 and FX00 arrays. It is supported with both 16 & 32Gb SFPs and operates at a maximum of 32Gbps.
- The VSP and HUS VM do not have 16Gb FC interfaces.
- 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)

Note: The Hitachi FIVE FC HBA also has an alternate option of Fabric Emulation. When it is configured in this mode it should be treated as switch attached and the storage port should be set to Fabric = On and Connection Type = P-to-P

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 G1x00, F1500, Gxx0, Fxx0, VSP, HUS VM support for RHEL 7.6 (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	v1.6.0.47	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe16000, LPe16002, LPe16002B	v12.0.0.5	
	LPe31000, LPe31002, LPe31004, LPe32000, LPe32002	v12.0.0.5	
	OCe14102	v12.0.0.5	
HPE	3530C	v12.0.0.5	
	3830C	v10.00.00.06.07.6-k	
	710608-B21 QMH2672	v10.00.00.06.07.6-k	
	AJ763A, AJ763B, AH403A, 82E AJ762A, AJ762B, AH402A, 81E	v12.0.0.5	
	CN1200E	v12.0.0.5	
	SN1100E	v12.0.0.5	
	SN1200E	v12.0.0.5	
	SN1600E	v12.0.0.5	
	SN1000Q	v10.00.00.06.07.6-k	
	SN1100Q	v10.00.00.06.07.6-k	
	SN1600Q	v10.00.00.06.07.6-k	
IBM	00Y3337, 00Y3341	v10.00.00.06.07.6-k	
QLogic	QLE2660, QLE2662, QLE2670, QLE2672, QME2662	v10.00.00.06.07.6-k	
	QLE2690, QLE2692, QLE2740, QLE2742, QLE2764	v10.00.00.06.07.6-k	
	QLE8360, QLE8362	v10.00.00.06.07.6-k	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	6505, 6510, 6520, 7840, DCX 8510	v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.2.0, and v8.2.1 are not supported.
	G610	v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.2.0, and v8.2.1 are not supported.
	G620, X6	v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.2.0, and v8.2.1 are not supported.
	G630	v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.2.0, and v8.2.1 are not supported.
Cisco	9132T	v8.3(1) - v8.3(2)	
	9148S, 9706	v8.3(1) - v8.3(2)	
	9148T, 9396T	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)	
	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
Brocade	VDX 6740	v6.0.1a	
Cisco	Nexus 5672up, 5672up-2248pq	v7.3(0)N1(1) - v7.3(1)N1(1)	
	UCS 6120XP, 6140XP, 6248up, 6296up	v4.0(2b)	

FCOE Storage Interface			
Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
HPE	CN1200E	v12.0.0.5	
Emulex	OCe14102	v12.0.0.5	
Qlogic	QLE8360, QLE8362	v10.00.00.06.07.6-k	
FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	VSP G1x00, & VSP only
Brocade	VDX 6730	v4.1.3d	
Brocade	VDX 6740	v6.0.1a	
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
Any	10 GbE NIC	Bundled	VSP G1x00, F1500, Gxx0, Fxx0 only
Emulex	OCe14102	v11.4.0.1	
QLogic	QLE8360, QLE8362	v5.04.00.00.07.02-k0	
iSCSI Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	VSP G1x00, F1500, Gxx0, Fxx0 only

VSP G1x00, F1500, Gxx0, Fxx0 support for RHEL 7.5 (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	v1.6.0.34	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS 1340, 1380	v1.6.0.44	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS 1440 ,1480	v1.6.0.34	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe12000, LPe12002, LPe1205, LPe1205A-HI	v11.4.0.4	
	LPe16000, LPe16002, LPe16002B	v11.4.0.4 v12.0.193.22	
	LPe31000, LPe31002, LPe31004, LPe32000, LPe32002	v11.4.0.4 v12.0.193.22	
	OCe14102	v11.4.0.4	
HPE	3530C	v11.4.0.4	
	3830C	v9.00.00.00.07.5-k1	
	651281-B21 QMH2572	v9.00.00.00.07.5-k1	
	710608-B21 QMH2672	v9.00.00.00.07.5-k1	
	CN1200E	v11.4.0.4	
	SN1100E	v11.4.0.4	
	SN1200E	v11.4.0.4	
	SN1600E	v11.4.0.4	
	SN1000Q	v9.00.00.00.07.5-k1	
	SN1100Q	v9.00.00.00.07.5-k1	
	SN1600Q	v9.00.00.00.07.5-k1	
IBM	00Y3337, 00Y3341	v9.00.00.00.07.5-k1	
QLogic	QLE2660, QLE2662, QLE2670, QLE2672, QME2662	v9.00.00.00.07.5-k1 v9.00.00.00.40.0-k	
	QLE2690, QLE2692, QLE2740, QLE2742, QLE2764	v9.00.00.00.07.5-k1 v9.00.00.00.40.0-k1	
	QLE8360, QLE8362	v9.00.00.00.07.5-k1	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	6505, 6510, 6520, 7840, DCX 8510	v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.2.0, and v8.2.1 are not supported.
	G610	v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.2.0, and v8.2.1 are not supported.
	G620, X6	v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.2.0, and v8.2.1 are not supported.
	G630	v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.2.0, and v8.2.1 are not supported.
Cisco	9148, 9222i, 9506 (8Gb), 9513, 9513 (8Gb)	v6.2(17) - v6.2(27)	
	9148S, 9706	v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	
	9148T, 9396T	v8.3(1) - v8.3(2)	
	9396S	v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	
	9710	v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	
	9718	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
Brocade	VDX 6740	v6.0.1a	
Cisco	Nexus 5672up, 5672up-2248pq	v7.3(0)N1(1) - v7.3(1)N1(1)	
	Nexus 7710 (FCoE)	v8.3(1)	
	UCS 6120XP, 6140XP, 6248up, 6296up	v3.2(3h)	
	UCS 6332-16UP	v4.0(1c)	

FCOE Storage Interface

Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
HPE	CN1200E	v11.4.0.4	
Emulex	OCe14102	v11.4.0.4	
QLogic	QLE8360, QLE8362	v9.00.00.00.07.5-k1	

FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	
Brocade	VDX 6740	v6.0.1a	VSP G1x00, & VSP only
Cisco	Nexus 5672up, 5672up-2248pq	v7.3(0)N1(1) - v7.3(1)N1(1)	
	7706 (FCoE), 7710(FCoE), 7718(FCoE)	v8.3(1) - v8.3(2)	
	9706 (FCoE), 9710 (FCoE), 9718 (FCoE)	v8.3(1) - v8.3(2)	

10 Gbps iSCSI Storage Interface

iSCSI Adapters			
Manufacturer	Models	Driver Versions	Notes
Any	10 GbE NIC	Bundled	
Emulex	OCe14102	v11.4.0.1	VSP G1x00, F1500, Gxx0, Fxx0 only
QLogic	QLE8360, QLE8362	v5.04.00.00.07.02-k0	

iSCSI Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	VSP G1x00, F1500, Gxx0, Fxx0 only

VSP G1x00, F1500, Gxx0, Fxx0, VSP support for RHEL 7.4 (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	v1.6.0.36	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe12000, LPe12002, LPe1205, LPe1205A-HI	v11.2.0.6	
	LPe16000, LPe16002, LPe16002B	v11.2.0.6	
	LPe31000, LPe31002, LPe31004, LPe32000, LPe32002	v11.2.0.6	
	OCe11102	v11.2.0.6	
	OCe14102	v11.2.0.6	
HPE	3820c	v2.11.11	
	650FLB, 650M	v11.2.0.6	
	651281-B21 QMH2572	v8.07.00.38.07.4-k1	
	710608-B21 QMH2672	v8.07.00.38.07.4-k1	
	AJ763A, AJ763B, AH403A, 82E AJ762A, AJ762B, AH402A, 81E	v11.2.0.6	
	AK344A, AJ764A, 81Q, 82Q	v8.07.00.38.07.4-k1	
	SN1000Q	v8.07.00.38.07.4-k1	
	SN1100E	v11.2.0.6	
	42D0485, 42D0494	v11.2.0.6	
IBM	42D0501, 42D0510	v8.07.00.38.07.4-k1	
	42D0501, 42D0510	v8.07.00.38.07.4-k1	
QLogic	QLE2560, QLE2562, QLE2564	v8.07.00.38.07.4-k1	
	QLE2660, QLE2662, QLE2670, QLE2672, QME2662	v8.07.00.38.07.4-k1	
	QLE2690, QLE2692, QLE2740, QLE2742, QLE2764	v8.07.00.38.07.4-k1	
	QLE8360, QLE8362	v8.07.00.38.07.4-k1	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5100, 5300, 7800, DCX, DCX-4s	v7.4.2d	
	6505, 6510, 6520, 7840, DCX 8510	v7.4.2d, v8.0.1 - v8.0.2f, v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.1.0, v8.1.2c, v8.1.2e, and v8.2.1 are not supported.
	G610	v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.1.0, v8.1.2c, v8.1.2e, and v8.2.0 are not supported.
	G620, X6	v8.0.1 - v8.0.2e, v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.0.0, v8.1.0, v8.1.2c, v8.1.2e, v8.2.0, and v8.2.1 are not supported.
	G630	v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.2.0, and v8.2.1 are not supported.
Cisco	9148, 9222i, 9506 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27), v7.3(0)D1(1) - v7.3(1)D1(1), v7.3(0)DY(1) - v7.3(1)DY(1)	Cisco OS v6.2(15) is no longer supported.
	9132T	v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	
	9148S, 9706	v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	
	9148T, 9396T	v8.3(1) - v8.3(2)	
	9396S	v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	
	9710	v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	
	9718	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
Brocade	VDX 6740	v6.0.1a	
Cisco	Nexus 5020, 5596UP, 5548up-2232pp, Nexus 5596T-2232TM-E	v7.0(0)N1(1) - v7.0(8)N1(1)	
	Nexus 5672up, 5672up-2248ppq	v7.3(0)N1(1) - v7.3(1)N1(1)	
	UCS 6120XP, 6140XP, 6248up, 6296up	v3.2(1) - v3.2(2d)	

FCOE Storage Interface

Converged Network Adapters (CNA)

Manufacturer	Models	Driver Versions	Notes
Emulex	OCe11102	v11.2.0.6	
	OCe14102	v11.2.0.6	
Intel	X520	4.4.0-k-rh7.3	
QLogic	QLE8360, QLE8362	v8.07.00.38.07.4-k1	

FCOE Switches

Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	
Brocade	VDX 6740	v6.0.1a	VSP G1000 & VSP only
	G620, X6	v8.2.0a	
Cisco	Nexus 5020, 5596UP, 5548up-2232pp, Nexus 5596T-2232TM-E	v7.0(0)N1(1) - v7.0(8)N1(1)	
	Nexus 5672up, 5672up-2248ppq	v7.3(0)N1(1) - v7.3(1)N1(1)	
	Nexus 6001p-2248ppq, 6001T, 6004	v7.0(0)N1(1) - v7.0(8)N1(1)	

10 Gbps iSCSI Storage Interface

iSCSI Adapters

Manufacturer	Models	Driver Versions	Notes
Any	10 GbE NIC	Bundled	
Emulex	OCe11102	v11.2.1.0	VSP G1x00, F1500, Gxx0, Fxx0 only
QLogic	QLE8360, QLE8362	v5.04.00.00.07.02-k0	

iSCSI Switches

Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	VSP G1x00, F1500, Gxx0, Fxx0 only

VSP G1x00, F1500, Gxx0, Fxx0, VSP support for RHEL 7.3 (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	v1.6.0.34	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS 1340, 1380	v1.6.0.34 v1.6.0.37	
Emulex	LPe12000, LPe12002, LPe1205, LPe1205A-HI	v11.1.0.2	
	LPe16000, LPe16002, LPe16002B	v11.1.0.2	
	LPe31000, LPe31002, LPe31004, LPe32000, LPe32002	v11.1.0.2	
	OCe11102	v11.0.0.2	
HPE	451871-B21	v8.07.00.33.07.3-k1	
	QMH2562	v8.07.00.34.07.3-k1	
	650FLB, 650M	v11.1.183.21	
	651281-B21	v8.07.00.33.07.3-k1	
	QMH2572	v8.07.00.34.07.3-k1	
	659818-B21 LPe1205A	v11.1.183.21	
	710608-B21	v8.07.00.33.07.3-k1	
	QMH2672	v8.07.00.34.07.3-k1	
	AJ763A, AJ763B, AH403A, 82E AJ762A, AJ762B, AH402A, 81E	v11.1.0.2	
	AK344A, AJ764A, 81Q, 82Q	v8.07.00.33.07.3-k1 v8.07.00.34.07.3-k1	
	NC553i, NC553m, CN1100E	v11.1.183.21	
	SN1000Q	v8.07.00.33.07.3-k1 v8.07.00.34.07.3-k1	
	SN1100Q	v8.07.00.33.07.3-k1 v8.07.00.34.07.3-k1	
	SN1100E	v11.1.0.2	
	SN1600Q	v8.07.00.42.07.0-k1	
	IBM	42D0485, 42D0494	v11.1.0.2
42D0501, 42D0510		v8.07.00.33.07.3-k1	
Qlogic	QLE2560, QLE2562, QLE2564	v8.07.00.33.07.3-k1 v8.07.00.34.07.3-k1 v8.07.00.42.07.0-k1	
	QLE2660, QLE2662, QLE2670, QLE2672, QME2662	v8.07.00.33.07.3-k1 v8.07.00.34.07.3-k1 v8.07.00.42.07.0-k1	
	QLE2690, QLE2692, QLE2740, QLE2742, QLE2764	v8.07.00.33.07.3-k1 v8.07.00.34.07.3-k1 v8.07.00.42.07.0-k1	

FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5100, 5300, 7800, DCX, DCX-4s	v7.4.2d	
	6505, 6510, 6520, 7840, DCX 8510	v7.4.2d, v8.0.1 - v8.0.2f, v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.1.0, v8.1.2c, v8.1.2e, v8.2.0, and v8.2.1 are not supported.
	G610	v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.1.0, v8.1.2c, v8.1.2e, v8.2.0, and v8.2.1 are not supported.
	G620, X6	v8.0.1 - v8.0.2e, v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.0.0, v8.1.0, v8.1.2c, v8.1.2e, v8.2.0, and v8.2.1 are not supported.
	G630	v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.2.0, and v8.2.1 are not supported.
Cisco	9148, 9222i, 9506 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27), v7.3(0)D1(1) - v7.3(1)D1(1), v7.3(0)DY(1) - v7.3(1)DY(1)	Cisco OS v6.2(15) is no longer supported.
	9132T	v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	
	9148S, 9706	v6.2(9a) - v6.2(13b), v6.2(17) - v6.2(27), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	Cisco OS v6.2(15) is no longer supported.
	9250i	v6.2(5) - v6.2(13b), v6.2(17) - v6.2(27), 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)	Cisco OS v6.2(15) is no longer supported.
	9396S	v6.2(13) - v6.2(13b), v6.2(17) - v6.2(27), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	Cisco OS v6.2(15) is no longer supported.
	9710	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27), 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)	Cisco OS v6.2(15) is no longer supported.
	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	v7.3(0)N1(1) - v7.3(1)N1(1)	
	UCS 6120XP, 6140XP, 6248up, 6296up	v3.1.2(b) - v3.1.2(e), v3.1.3(a) - v3.1(3d)	
	UCS 6324	v3.1.2(b) - v3.1.2(e), v3.1.3(a) - v3.1(3d)	Cisco UCS Mini only
	UCS 6332-16UP	v3.1(3e), v3.2(2b) - v3.2(2d), v3.2(3d)	

FCOE Storage Interface

Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Emulex	OCe11102	v11.1.0.2	
Intel	X520	4.4.0-k-rh7.3	
QLogic	QLE8360, QLE8362	v8.07.00.33.07.3-k1	

FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	
Brocade	VDX 6740	v6.0.1a	
Cisco	Nexus 5672up, 5672up-2248pq	v7.3(0)N1(1) - v7.3(1)N1(1)	VSP G1000 & VSP only
	Nexus 6001p-2248pq, 6001T, 6004	v7.0(0)N1(1) - v7.0(8)N1(1)	

10 Gbps iSCSI Storage Interface

ISCSI Adapters			
Manufacturer	Models	Driver Versions	Notes
Any	10 GbE NIC	Bundled	VSP G1x00, F1500, Gxx0, Fxx0 only
Emulex	OCe11102	v11.0.0.0	
QLogic	QLE8360, QLE8362	v5.04.00.00.07.02-k0	
ISCSI Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	VSP G1x00, F1500, Gxx0, Fxx0 only
Cisco	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up	v7.3(0)N1(1) - v7.3(1)N1(1)	

VSP G1x00, F1500, Gxx0, Fxx0, VSP support for RHEL 7.2 (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	v1.6.0.17 v1.6.0.25	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS 1340, 1380	v1.6.0.25	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe12000, LPe12002, LPe1205, LPe1205A-HI	v10.7.0.1 v11.1.0.2 v11.1.183.21 v11.1.218.0	
	LPe16000, LPe16002, LPe16002B	v10.7.0.1 v11.0.240.0 v11.1.183.21 v11.1.218.0 v11.2.156.18	
	LPe31000, LPe31002, LPe31004, LPe32000, LPe32002	v11.0.240.0 v11.1.183.21 v11.2.156.18	
	Oce14102	v10.7.0.1	
HPE	3530c	v11.1.183.21	
	3830C	v8.07.00.34.07.0-k1	
	QMH2682		
	456972-B21	v11.1.183.21	
	LPe1205-HP		
	554M, 554FLB	v11.1.183.21	
	650FLB, 650M	v10.7.0.1 v11.1.183.21	
	651281-B21	v8.07.00.18.07.2-k	
	QMH2572		
	659818-B21	v10.7.0.1	
	LPe1205A	v11.1.183.21	
	710608-B21	v8.07.00.18.07.2-k	
	QMH2672		
	AJ763A, AJ763B, AH403A, 82E	v10.7.0.1	
	AJ762A, AJ762B, AH402A, 81E		
AK344A, AJ764A, 81Q, 82Q	v8.07.00.18.07.2-k		
NC551i, NC551m	v10.7.0.1		
NC553i, NC553m, CN1100E	v11.1.183.21		
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 v8.07.00.42.07.0-k1	
	QLE2660, QLE2662, QLE2670, QLE2672, QME2662	v8.07.00.18.07.2-k v8.07.00.34.07.0-k	
	QLE2690, QLE2692, QLE2740, QLE2742, QLE2764	v8.07.00.18.07.2-k v8.07.00.34.07.0-k	
		v8.07.00.42.07.0-k1	

FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5100, 5300, 7800, DCX, DCX-4s	v7.4.2d	
	6505, 6510, 6520, 7840, DCX 8510	v7.4.2d, v8.0.1 - v8.0.2f, v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.1.0, v8.1.2c, v8.1.2e, and v8.2.1 are not supported.
	G610	v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.1.0, v8.1.2c, v8.1.2e, and v8.2.0 are not supported.
	G620, X6	v8.0.1 - v8.0.2e, v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.0.0, v8.1.0, v8.1.2c, v8.1.2e, v8.2.0, and v8.2.1 are not supported.
	G630	v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.2.0, and v8.2.1 are not supported.
Cisco	9148, 9222i, 9506 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27), v7.3(0)D1(1) - v7.3(1)D1(1), v7.3(0)DY(1) - v7.3(1)DY(1)	Cisco OS v6.2(15) is no longer supported.
	9132T	v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	
	9148S, 9706	v6.2(9a) - v6.2(13b), v6.2(17) - v6.2(27), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	Cisco OS v6.2(15) is no longer supported.
	9250i	v6.2(5) - v6.2(13b), v6.2(17) - v6.2(27), 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)	Cisco OS v6.2(15) is no longer supported.
	9396S	v6.2(13) - v6.2(13b), v6.2(17) - v6.2(27), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	Cisco OS v6.2(15) is no longer supported.
	9710	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27), 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)	Cisco OS v6.2(15) is no longer supported.
	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	9250i (FCoE), 9513 (FCoE), 9710 (FCoE), 9718 (FCoE)	v8.1(1) - v8.1(1a), v8.2(1) - v8.2(2)	
	Nexus 5672up, 5672up-2248pq	v7.1(0)N1(1a) - v7.2(1)N1(1)	
	UCS 6120XP, 6140XP, 6248up, 6296up	v3.1(1e) - v3.1(1f)	
	UCS 6324	v3.1(1e) - v3.1(1f), v3.1.2(b) - v3.1.2(e)	Cisco UCS Mini only
FCOE Storage Interface			
Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Emulex	OCe11102	v10.7.0.1	
	Oce14102	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	
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), v7.3(0)N1(1) - v7.3(1)N1(1)	
	UCS 6324	v3.1(1e)	Cisco UCS Mini only

10 Gbps iSCSI Storage Interface

iSCSI Adapters			
Manufacturer	Models	Driver Versions	Notes
Any	10 GbE NIC	Bundled	VSP G1x00, F1500, Gxx0, Fxx0 only
Emulex	OCe11102	v10.6.0.0r	
Intel	82599ES	v4.0.1-k v4.3.13	
	X520	Bundled	
QLogic	QLE8360, QLE8362	v5.04.00.00.07.02-k0	
iSCSI Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	VSP G1x00, F1500, Gxx0, Fxx0 only
Brocade	VDX 6740	v5.0.1b	

VSP G1x00, F1500, Gxx0, Fxx0, VSP 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 v1.6.0.25	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS 1340, 1380	v1.6.0.18 v1.6.0.25	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 v10.6.144.21	
HPE	651281-B21 QMH2572	v8.07.00.08.07.1-k2	
	710608-B21 QMH2672	v8.07.00.08.07.1-k2	
	AJ763A, AJ763B, AH403A, 82E AJ762A, AJ762B, AH402A, 81E	v10.2.8021.1	
	AK344A, AJ764A, 81Q, 82Q	v8.07.00.08.07.1-k2	
	SN1100E	v10.2.8021.1	
	SN1000Q	v8.07.00.08.07.1-k2	
IBM	42D0485, 42D0494	v10.2.8021.1	
	42D0501, 42D0510	v8.07.00.08.07.1-k2	
Qlogic	QLE2560, QLE2562, QLE2564	v8.07.00.08.07.1-k2 v8.07.00.16.39.0-k	
	QLE2660, QLE2662, QLE2670, QLE2672, QME2662	v8.07.00.08.07.1-k2	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5100, 5300, 7800, DCX, DCX-4s	v7.4.2d	
	6505, 6510, 6520, 7840, DCX 8510	v7.4.2d, v8.0.1 - v8.0.2f, v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.1.0, v8.1.2c, v8.1.2e, and v8.2.1 are not supported.
	G610	v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.1.0, v8.1.2c, v8.1.2e, and v8.2.0 are not supported.
	G620, X6	v8.0.1 - v8.0.2e, v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.0.0, v8.1.0, v8.1.2c, v8.1.2e, v8.2.0, and v8.2.1 are not supported.
	G630	v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.2.0, and v8.2.1 are not supported.
Cisco	9148, 9222i, 9506 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27), v7.3(0)D1(1) - v7.3(1)D1(1), v7.3(0)DY(1) - v7.3(1)DY(1)	Cisco OS v6.2(15) is no longer supported.
	9132T	v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	
	9148S, 9706	v6.2(9a) - v6.2(13b), v6.2(17) - v6.2(27), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	Cisco OS v6.2(15) is no longer supported.
	9250i	v6.2(5) - v6.2(13b), v6.2(17) - v6.2(27), 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)	Cisco OS v6.2(15) is no longer supported.
	9396S	v6.2(13) - v6.2(13b), v6.2(17) - v6.2(27), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	Cisco OS v6.2(15) is no longer supported.
	9710	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27), 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)	Cisco OS v6.2(15) is no longer supported.
	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	UCS 6120XP, 6140XP, 6248up, 6296up	v2.2(5b) - v2.2(5d), v2.2(6c) - v2.2(8f)	
	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	
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	
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(5d), v2.2(6c) - v2.2(8f)	
	UCS 6324	v3.0(2c) - v3.0(2d)	Cisco UCS Mini only

10 Gbps iSCSI Storage Interface

iSCSI Adapters			
Manufacturer	Models	Driver Versions	Notes
Emulex	OCE10102	v10.4r	VSP G1x00, F1500, Gxx0, Fxx0 only
	OCe11102	v10.4.74.0r	
HP	530SFP+	v1.710.51-0	
	534FLB	v7.14.07-1	
	534FLR-SFP+	v7.14.07-1	
	CN1100R	v7.14.07-1	
	CN1200E	v11.1.145.27-1	
Intel	X520	v4.0.1-k	
QLogic	QLE8360, QLE8362	v5.04.00.04.07.01-k0	
	QLE8440, QLE8442	v5.04.00.04.070-ko	

iSCSI Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	VSP G1x00, F1500, Gxx0, Fxx0 only
Brocade	VDX 6730	v4.1.2	
		v4.1.3a	
Cisco	Nexus 5672up, 5672up-2248pq, 5672up-2348UPQ	v7.0(5)N1(1) - v7.0(7)N1(1), v7.1(0)N1(1a) - v7.2(1)N1(1)	
	Nexus 6001p-2248pq, 6001T, 6004	v7.0(0)N1(1) - v7.0(6)N1(1)	

VSP G1x00, F1500, Gxx0, Fxx0, VSP support for RHEL 7.0 (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	v1.6.0.12b 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	v8.3.7.34.3p	
	OCe11102	v8.3.7.34.3p	
HPE	710608-B21	v8.06.00.08.07.0-k2	
	QMH2672	v8.07.00.16.07.0-k	
	AJ763A, AJ763B, AH403A, 82E AJ762A, AJ762B, AH402A, 81E	v8.3.7.34.3p	
	AK344A, AJ764A, 81Q, 82Q	v8.06.00.08.07.0-k2	
	SN1100E	v8.3.7.34.3p	
	SN1000Q	v8.06.00.08.07.0-k2	
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, QME2662	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	v7.4.2d	
	6505, 6510, 6520, 7840, DCX 8510	v7.4.2d, v8.0.1 - v8.0.2f, v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.1.0, v8.1.2c, v8.1.2e, and v8.2.1 are not supported.
	G610	v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.1.0, v8.1.2c, v8.1.2e, and v8.2.0 are not supported.
	G620, X6	v8.0.1 - v8.0.2e, v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.0.0, v8.1.0, v8.1.2c, v8.1.2e, v8.2.0, and v8.2.1 are not supported.
	G630	v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.2.0, and v8.2.1 are not supported.
Cisco	9148, 9222i, 9506 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27), v7.3(0)D1(1) - v7.3(1)D1(1), v7.3(0)DY(1) - v7.3(1)DY(1)	Cisco OS v6.2(15) is no longer supported.
	9132T	v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	
	9148S, 9706	v6.2(9a) - v6.2(13b), v6.2(17) - v6.2(27), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	Cisco OS v6.2(15) is no longer supported.
	9250i	v6.2(5) - v6.2(13b), v6.2(17) - v6.2(27), 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)	Cisco OS v6.2(15) is no longer supported.
	9396S	v6.2(13) - v6.2(13b), v6.2(17) - v6.2(27), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	Cisco OS v6.2(15) is no longer supported.
	9710	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27), 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)	Cisco OS v6.2(15) is no longer supported.

	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
Any	Generic DCB IP Switch	Any DCB 10GigE FW	
Brocade	8000	v7.1.0a - v7.1.2b	
Cisco	9250i (FCoE), 9513 (FCoE), 9710 (FCoE), 9718 (FCoE)	v7.3(0)D1(1) - v7.3(1)D1(1)	
	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)	
	7706 (FCoE), 7710(FCoE), 7718(FCoE)	v7.3(0)D1(1) - v7.3(1)D1(1), v8.1(1)	
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.2(3a) - v2.2(4c)	
	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
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
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(4c)	

10 Gbps iSCSI Storage Interface			
iSCSI Adapters			
Manufacturer	Models	Driver Versions	Notes
Emulex	OCe11102	v10.4.74.0r	VSP G1x00, F1500, Gxx0, Fxx0 only
iSCSI Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	VSP G1x00, F1500, Gxx0, Fxx0 only
Cisco	Nexus 5672up, 5672up-2248pq	v7.0(0)N1(1) - v7.0(6)N1(1)	

VSP G1x00, F1500, Gxx0, Fxx0 support for RHEL 6.10 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Emulex	LPe16000, LPe16002, LPe16002B	v11.0.1.6	
	LPe31000, LPe31002, LPe31004, LPe32000, LPe32002	v11.0.1.6	
	LPe35000, LPe35002	v12.2.299.13	
	OCe14102	v11.0.1.6	
HPE	3530C	v11.0.1.6	
	3830C	v8.07.00.26.06.8-k	
	651281-B21	v8.07.00.26.06.8-k	
	QMH2572		
	710608-B21	v8.07.00.26.06.8-k	
	QMH2672		
	SN1100E	v11.0.1.6	
	SN1200E	v11.0.1.6	
	SN1600E	v11.0.1.6	
	SN1000Q	v8.07.00.26.06.8-k	
	SN1100Q	v8.07.00.26.06.8-k	
SN1600Q	v8.07.00.26.06.8-k		
Qlogic	QLE2560, QLE2562, QLE2564	v8.07.00.26.06.8-k	
	QLE2660, QLE2662, QLE2670, QLE2672, QME2662	v8.07.00.26.06.8-k	
	QLE2690, QLE2692, QLE2740, QLE2742, QLE2764	v8.07.00.26.06.8-k	
	QLE8360, QLE8362	v8.07.00.26.06.8-k	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	6505, 6510, 6520, 7840, DCX 8510	v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.2.0, and v8.2.1 are not supported.
	G610	v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.2.0, and v8.2.1 are not supported.
	G620, X6	v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.2.0, and v8.2.1 are not supported.
	G630	v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.2.0, and v8.2.1 are not supported.
Cisco	9148S, 9706	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)	v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	
	9718 (32Gb)	v8.2(1) - v8.2(2), v8.3(2)	Cisco OS v8.3(1) is no longer supported on the 9718.

FCOE Storage Interface			
Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Emulex	OCe14102	v11.0.1.6	
Qlogic	QLE8360, QLE8362	v8.07.00.26.06.8-k	
FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	
Brocade	VDX 6740	v6.0.1a	VSP G1x00, & VSP only
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
Any	10 GbE NIC	Bundled	
Emulex	OCe14102	v11.1.0.0	VSP G1x00, F1500, Gxx0, Fxx0 only
QLogic	QLE8360, QLE8362	v5.03.00.00.06.07-k0	
iSCSI Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	VSP G1x00, F1500, Gxx0, Fxx0 only

VSP G1x00, F1500, Gxx0, Fxx0, VSP, HUS VM support for RHEL 6.9 (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	v1.6.0.34	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS 1340, 1380	v1.6.0.34	
Emulex	LPe12000, LPe12002, LPe1205	v11.0.0.5	
	LPe16000, LPe16002, LPe16002B	v11.0.0.5 v11.0.1.6 v12.0.193.22	
	LPe31000, LPe31002, LPe31004, LPe32000, LPe32002	v12.0.193.22	
	OCe11102	v11.0.0.5	
HPE	3820c	v2.11.11	
	650FLB, 650M	v8.07.00.26.06.8-k	
	651281-B21 QMH2572	v8.07.00.26.06.8-k	
	710608-B21 QMH2672	v8.07.00.26.06.8-k	
	AJ763A, AJ763B, AH403A, 82E AJ762A, AJ762B, AH402A, 81E	v11.0.0.5	
	AK344A, AJ764A, 81Q, 82Q	v8.07.00.26.06.8-k	
	SN1000Q	v8.07.00.26.06.8-k	
	SN1100Q	v8.07.00.26.06.8-k	
	SN1100E	v11.0.0.5 v11.0.1.6	
	IBM	42D0485, 42D0494	
	42D0501, 42D0510	v8.07.00.26.06.8-k	
Qlogic	QLE2560, QLE2562, QLE2564	v8.07.00.26.06.8-k	
	QLE2660, QLE2662, QLE2670, QLE2672, QME2662	v8.07.00.26.06.8-k	
	QLE2690, QLE2692, QLE2740, QLE2742, QLE2764	v8.07.00.26.06.8-k	
	QLE8360, QLE8362	v8.07.00.26.06.8-k	

FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5100, 5300, 7800, DCX, DCX-4s	v7.4.2d	
	6505, 6510, 6520, 7840, DCX 8510	v7.4.2d, v8.0.1 - v8.0.2f, v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.1.0, v8.1.2c, v8.1.2e, and v8.2.0 are not supported.
	G610	v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.1.0, v8.1.2c, v8.1.2e, and v8.2.0 are not supported.
	G620, X6	v8.0.1 - v8.0.2e, v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.0.0, v8.1.0, v8.1.2c, v8.1.2e, v8.2.0, and v8.2.1 are not supported.
	G630	v8.2.0a - v8.2.0b, v8.2.1a - v8.2.1b	Brocade FOS v8.2.0, and v8.2.1 are not supported.
Cisco	9148, 9222i, 9506 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27), v7.3(0)D1(1) - v7.3(1)D1(1), v7.3(0)DY(1) - v7.3(1)DY(1)	Cisco OS v6.2(15) is no longer supported.
	9132T	v8.2(1) - v8.2(2), v8.3(1)	
	9148S, 9706	v6.2(9a) - v6.2(13b), v6.2(17) - v6.2(27), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	Cisco OS v6.2(15) is no longer supported.
	9148T, 9396T	v8.3(1) - v8.3(2)	
	9250i	v6.2(5) - v6.2(13b), v6.2(17) - v6.2(27), 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)	Cisco OS v6.2(15) is no longer supported.
	9396S	v6.2(13) - v6.2(13b), v6.2(17) - v6.2(27), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	Cisco OS v6.2(15) is no longer supported.
	9710	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27), 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)	Cisco OS v6.2(15) is no longer supported.
	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
Brocade	VDX 6740	v6.0.1a	VSP G1000 & VSP only
Cisco	9706 (FCoE), 9710 (FCoE), 9718 (FCoE)	v8.3(1) - v8.3(2)	
	Nexus 5672up, 5672up-2248pq	v7.3(0)N1(1) - v7.3(1)N1(1)	
	UCS 6120XP, 6140XP, 6248up, 6296up	v3.1.3(a) - v3.1(3d)	

FCOE Storage Interface			
Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Emulex	OCe11102	v11.0.0.5	
	Emulex OCm11104-F2-HI	v11.0.0.5	
QLogic	QLE8360, QLE8362	v8.07.00.26.06.8-k	VSP G1000, G800, G600, G400, G200 only
FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	
Brocade	VDX 6740	v6.0.1a	VSP G1000 & VSP only
Cisco	Nexus 5672up, 5672up-2248pq	v7.3(0)N1(1) - v7.3(1)N1(1)	
	Nexus 6001p-2248pq, 6001T, 6004	v7.0(0)N1(1) - v7.0(8)N1(1)	
10 Gbps iSCSI Storage Interface			
iSCSI Adapters			
Manufacturer	Models	Driver Versions	Notes
Any	10 GbE NIC	Bundled	
Emulex	OCe11102	v11.1.0.0	VSP G1x00, F1500, Gxx0, Fxx0 only
Intel	X520	Bundled	
QLogic	QLE8360, QLE8362	v5.03.00.00.06.07-k0	
iSCSI Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	VSP G1x00, F1500, Gxx0, Fxx0 only

VSP G1x00, F1500, Gxx0, Fxx0, VSP, HUS VM support for RHEL 6.8 (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	v1.6.0.27 v1.6.0.34	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS 1340, 1380	v1.6.0.27	
Emulex	LPe12000, LPe12002, LPe1205	v11.0.0.4 v11.1.183.21 v11.1.218.0 v11.2.156.18	
	LPe16000, LPe16002, LPe16002B	v11.0.0.4 v11.1.183.21 v11.1.218.0 v11.1.38.64 v11.2.156.18	
	LPe31000, LPe31002, LPe31004, LPe32000, LPe32002	v11.0.0.4 v11.1.38.64 v11.2.156.18	
	OCe11102	v10.7.0.1 v11.0.0.4	
HPE	3530c	v11.1.183.21	
	3830C	v8.07.00.34.06.0-k1	
	QMH2682		
	451871-B21	v8.07.00.26.06.8-k	
	QMH2562		
	554M, 554FLB	v11.1.183.21	
	650FLB, 650M	v11.1.183.21	
	651281-B21	v8.07.00.26.06.8-k	
	QMH2572		
	710608-B21	v8.07.00.26.06.8-k	
	QMH2672		
	AE311A, AE312A, FC1142SR, FC1242SR	v8.07.00.26.06.8-k	
	AJ763A, AJ763B, AH403A, 82E	v11.0.0.4	
	AJ762A, AJ762B, AH402A, 81E		
AK344A, AJ764A, 81Q, 82Q	v8.07.00.26.06.8-k		
NC553i, NC553m, CN1100E	v11.1.183.21		
SN1000Q	v8.07.00.26.06.8-k		
SN1100E	v11.0.0.4		
IBM	39R6525, 39R6527	v8.07.00.26.06.8-k	
	42D0485, 42D0494	v11.0.0.4	
	42D0501, 42D0510	v8.07.00.26.06.8-k	
Qlogic	QLE2560, QLE2562, QLE2564	v8.07.00.26.06.8-k	
	QLE2660, QLE2662, QLE2670, QLE2672, QME2662	v8.07.00.26.06.8-k	
	QLE2740, QLE2742, QLE2764	v8.07.00.26.06.8-k	
	QLE8360, QLE8362	v8.07.00.26.06.8-k	

FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5100, 5300, 7800, DCX, DCX-4s	v7.4.2d	
	6505, 6510, 6520, 7840, DCX 8510	v7.4.2d, v8.0.1 - v8.0.2f, v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g	Brocade FOS v8.1.0, v8.1.2c, and v8.1.2e are not supported.
	G610	v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b	Brocade FOS v8.1.0, v8.1.2c, v8.1.2e, and v8.2.0 are not supported.
	G620, X6	v8.0.1 - v8.0.2e, v8.1.0a - v8.1.2b, v8.1.2d, v8.1.2f - v8.1.2g, v8.2.0a - v8.2.0b	Brocade FOS v8.0.0, v8.1.0, v8.1.2c, v8.1.2e, and v8.2.0 are not supported.
Cisco	9148, 9222i, 9506 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27), v7.3(0)D1(1) - v7.3(1)D1(1), v7.3(0)DY(1) - v7.3(1)DY(1)	Cisco OS v6.2(15) is no longer supported.
	9132T	v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	
	9148S, 9706	v6.2(9a) - v6.2(13b), v6.2(17) - v6.2(27), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	Cisco OS v6.2(15) is no longer supported.
	9250i	v6.2(5) - v6.2(13b), v6.2(17) - v6.2(27), 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)	Cisco OS v6.2(15) is no longer supported.
	9396S	v6.2(13) - v6.2(13b), v6.2(17) - v6.2(27), v8.1(1) - v8.1(1b), v8.2(1) - v8.2(2), v8.3(1) - v8.3(2)	Cisco OS v6.2(15) is no longer supported.
	9710	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27), 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)	Cisco OS v6.2(15) is no longer supported.
	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	v7.0(0)N1(1) - v7.0(8)N1(1)	
	Nexus 7706 (FCoE), 7710 (FCoE)	v8.1(1) - v8.1(1b)	
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.2(6c) - v2.2(8f), v3.1.2(b) - v3.1.2(e), v3.1.3(a) - v3.1(3d)	
	UCS 6324	v3.1.2(b) - v3.1.2(e), v3.1.3(a) - v3.1(3d)	Cisco UCS Mini only

FCOE Storage Interface			
Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Emulex	OCE11102	v11.0.0.4	
QLogic	QLE8360, QLE8362	v8.07.00.26.06.8-k	VSP G1000, G800, G600, G400, G200 only
	QLE8440, QLE8442	Bundled	VSP G1000, G800, G600, G400, G200 only
FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	
Brocade	VDX 6730	v4.1.3	VSP G1000 & VSP only
Cisco	Nexus 5672up, 5672up-2248pq	v7.0(0)N1(1) - v7.0(8)N1(1)	
	Nexus 6001p-2248pq, 6001T, 6004	v7.0(0)N1(1) - v7.0(8)N1(1)	

10 Gbps iSCSI Storage Interface

iSCSI Adapters			
Manufacturer	Models	Driver Versions	Notes
Any	10 GbE NIC	Bundled	VSP G1x00, F1500, Gxx0, Fxx0 only
Intel	82598EB	v4.2.1-k	
Emulex	OCe11102	v10.4.272.1r v10.6.03r	
	OCe14102	v10.6.03r	
QLogic	QLE8360, QLE8362	v5.03.00.00.06.07-k0	
	QLE8442	v1.712.30-0 v2.7.10.1	
iSCSI Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	VSP G1x00, F1500, Gxx0, Fxx0 only
Brocade	VDX 6730	v4.1.3a	
Cisco	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up	v5.2(1)N1(1) - v5.2(1)N1(9), v7.0(0)N1(1) - v7.0(6)N1(1)	