



RHEL Support Matrix

Hitachi Unified Storage 100 Family

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 a 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).

In the sample datapath below, a customer configuration is supported if that particular HBA and driver, switch and switch firmware combinations both appear on the Windows Server 2012 R2 support matrix.

For example: Windows Server 2012 R2 host that has an Emulex LPe12000/12002 HBA using driver v2.76.002.001 connected to a Brocade DCX SAN switch with FOS v7.2.1 installed.

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.

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.

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HUS 110 130 150 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, 11240, 1280, 1285	v1.6.0.25 v2.4.0.13	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS 1340, 1380	v1.6.0.25 v2.4.0.13	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe12000, LPe12002, LPe1205, LPe1205-HI, LPe1205A-HI	v10.7.0.1 v11.1.1.183.21	
	LPe16000, LPe16002, LPe16002B	v11.1.1.183.21	
	LPe31000, LPe31002, LPe31004, LPe32000, LPe32002	v11.0.240.0 v11.2.156.18	
HP	403619-B21	v8.07.00.18.07.2-k	
	554M, 554FLB	v11.1.1.183.21	
	650FLB, 650M	v11.1.1.183.21	
QLogic	QLE2560, QLE2562 , QLE2564	v8.07.00.18.07.2-k	
		v8.07.00.42.07.0-k1	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5300, 7800, DCX, DCX-4s	v7.4.2d	
	6505, 6510, 6520, DCX8510	v7.4.2d, v8.0.1 - v8.0.2f	Brocade FOS v8.0.1 is not supported.
Cisco	9148, 9222i, 9506 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27)	Cisco OS v6.2(15) is no longer supported.
	9396S	v8.1(1) - v8.1(1b)	
FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Cisco	UCS 6120XP, 6140XP, 6248up, 6296up	v3.1(1e) - v3.1(1l)	
	UCS 6324	v3.1(1e) - v3.1(1l)	Cisco UCS Mini only
ISCSI Storage Interface			
ISCSI Adapters			
Manufacturer	Models	Driver Versions	Notes
QLogic	QLE8360, QLE8362	v5.04.00.00.07.02-k0	HUS 110 130 150 only
ISCSI Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	

HUS 110 130 150 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, 11240, 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, LPe1205-HI, LPe1205A-HI	v10.2.8021.1	
	LPe16000, LPe16002, LPe16002B	v10.6.144.21	
Qlogic	QLE2560, QLE2562, QLE2564	v8.07.00.08.07.1-k2 v8.07.00.16.39.0-k	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5300, 7800, DCX, DCX-4s	v7.4.2d	
	6505, 6510, 6520, DCX8510	v7.4.2d, v8.0.1 - v8.0.2f	Brocade FOS v8.0.1 is not supported.
	G620, X6	v8.0.1 - v8.0.2f	Brocade FOS v8.0.1 is not supported.
Cisco	9148, 9222i, 9506 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27)	Cisco OS v6.2(15) is no longer supported.
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
ISCSI Storage Interface			
ISCSI Adapters			
Manufacturer	Models	Driver Versions	Notes
Emulex	OCe10102	v10.4r v10.4.74.0r	
ISCSI Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	
Cisco	Nexus 5020, 5596UP, 5548up-2232pp, Nexus 5596T-2232TM-E	v7.0(1)N1(1) - v7.0(5)N1(1)	

HUS 110 130 150 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, 11240, 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 v1.6.0.16	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	
HP	650FLB	v10.2.340.16	
Qlogic	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, 5300, 7800, DCX, DCX-4s	v7.4.2d	
	6505, 6510, 6520, DCX8510	v7.4.2d	
Cisco	9148, 9222i, 9506 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27)	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)	Cisco OS v6.2(15) is no longer supported.
	9718	v7.3(0)D1(1) - v7.3(1)D1(1)	
FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Cisco	9250i (FCoE), 9513 (FCoE), 9710 (FCoE), 9718 (FCoE)	v7.3(0)D1(1) - v7.3(1)D1(1)	
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.2(3a), v2.2(3b), v2.2(3d)	
	UCS 6324	v3.0(2c)	Cisco UCS Mini only
	Nexus 5020, 5596UP, 5548up-2232pp, Nexus 5596T-2232TM-E	v7.1(0)N1(1a) - v7.1(1)N1(1)	
	Nexus 7710 (FCoE)	v7.3(0)D1(1) - v7.3(1)D1(1)	

HUS 110 130 150 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, 11240, 1280, 1285	v1.6.0.27	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe12000, LPe12002, LPe1205, LPe1205-HI	v11.1.183.21 v11.2.156.18	
	LPe16000, LPe16002, LPe16002B	v11.1.183.21	
HP	554M, 554FLB	v11.1.183.21	
	650FLB, 650M	v11.1.183.21	
Qlogic	QLE2560, QLE2562 , QLE2564	v8.07.00.34.06.0_k1	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5300, 7800, DCX, DCX-4s	v7.4.2d	
	6505, 6510, 6520, DCX8510	v7.4.2d , v8.0.1 - v8.0.2f	Brocade FOS v8.0.1 is not supported.
	G620, X6	v8.0.1 - v8.0.2f	Brocade FOS v8.0.1 is not supported.
Cisco	9250i	v6.2(5) - v6.2(13b), v6.2(17) - v6.2(27)	Cisco OS v6.2(15) is no longer supported.
FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Cisco	UCS 6120XP, 6140XP, 6248up, 6296up	v2.2(5b) - v2.2(8f)	

HUS 110 130 150 support for RHEL 6.7 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Cisco	UCS 1225, 1225T, 1227, 11240, 1280, 1285	v2.4.0.13	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS 1340, 1380	v2.4.0.13	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe12000, LPe12002, LPe1205, LPe1205-HI	v10.6.0.20 v11.1.183.21	
	LPe16000, LPe16002, LPe16002B	v10.6.0.20 v11.1.183.21	
	LPe31000, LPe31002, LPe31004, LPe32000, LPe32002	v11.0.240.0	
HP	554M, 554FLB	v11.1.183.21	
	650FLB, 650M	v11.1.183.21	
Qlogic	QLE2560, QLE2562 , QLE2564	v8.07.00.34.06.0_k1	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5300, 7800, DCX, DCX-4s	v7.4.2d	
	6505, 6510, 6520, DCX8510	v7.4.2d, v8.0.1 - v8.0.2f	Brocade FOS v8.0.1 is not supported.
	G620, X6	v8.0.1 - v8.0.2f	Brocade FOS v8.0.1 is not supported.
Cisco	9148, 9222i, 9506 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27)	Cisco OS v6.2(15) is no longer supported.
FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Cisco	UCS 6324	v3.1(1e) - v3.1(1l)	Cisco UCS Mini only

HUS 110 130 150 support for RHEL 6.6 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Cisco	UCS 1225, 1225T, 1227, 11240, 1280, 1285	v1.6.0.18 v1.6.0.23 v1.6.0.25	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.
	UCS M81KR	v1.6.0.18 v1.6.0.25	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe12000, LPe12002, LPe1205, LPe1205-HI	v10.2.8020.1	
	OCe10102	v10.2.8020.1	
	OCe11102	v10.2.8020.1	
Qlogic	QLE2560, QLE2562, QLE2564	v8.07.00.08.06.6-k1	
	QLE2660, QLE2662, QLE2670, QLE2672, QME2662	v8.07.00.08.06.6-k1	
	QLE8360, QLE8362	v8.07.00.08.06.6-k1	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5300, 7800, DCX, DCX-4s	v7.4.2d	
	6505, 6510, 6520, DCX8510	v7.4.2d, v8.0.1 - v8.0.2f	
Cisco	9148, 9222i, 9506 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27)	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)	Cisco OS v6.2(15) is no longer supported.
	9718	v7.3(0)D1(1) - v7.3(1)D1(1)	
FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Cisco	9250i (FCoE), 9513 (FCoE), 9710 (FCoE), 9718 (FCoE)	v7.3(0)D1(1) - v7.3(1)D1(1)	
	Nexus 5672up, 5672up-2248pq	v7.3(0)N1(1) - v7.3(1)N1(1)	
	Nexus 7710 (FCoE)	v7.3(0)D1(1) - v7.3(1)D1(1)	
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.2(5b) - v2.2(8f)	
	UCS 6324	v3.0(2c) - v3.0(2d)	Cisco UCS Mini only

HUS 110 130 150 support for RHEL 6.5 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Cisco	UCS 1225, 1225T, 1227, 11240, 1280, 1285	v1.5.0.49 v1.6.0.6 v1.6.0.10 v1.6.0.12 v1.6.0.12b v1.6.0.16 v1.6.0.23	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	LPe12000, LPe12002, LPe1205, LPe1205-HI	v8.3.7.21.4p	
	LPe16000, LPe16002, LPe16002B	v8.3.5.86.1p v8.3.7.21.4p v8.3.7.33 v10.2.340.16	
	LPe16202	v8.3.7.21.4p v8.3.7.33	
	LPm16002B-HI	v8.3.7.21.4p	
	OCe10102	v10.0.803.24	
	OCe11102	v10.2.469.0 v10.6.144.21	
HP	451871-B21 QMH2562	v8.05.00.03.06.5-k2	
	650M, 650FLB	v10.2.340.16	
IBM	46M6065	v8.05.00.03.06.5-k2	
	90Y3554	v10.2.261.0-5	must connect to IBM CN4093 only
Qlogic	QLE2560, QLE2562, QLE2564	v8.05.00.03.06.5-k2	
	QLE2670, QLE2672	v8.05.00.03.06.5-k2 v8.06.00.10.06.0-k v8.07.00.16.06.0-k	
	QME2572	v8.05.00.03.06.5-k2	
	QLE8142	v8.05.00.03.06.0-k v8.06.00.10.06.0-k	Submit ISR for Cisco switch support
	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	300, 5300, 7800, DCX, DCX-4s	v7.4.2d	
	6505, 6510, 6520, DCX8510	v7.4.2d, v8.0.1 - v8.0.2f	
Cisco	9148, 9222i, 9506 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27)	Cisco OS v6.2(15) is no longer supported.
	9250i	v6.2(5) - v6.2(13b), v6.2(17) - v6.2(27)	Cisco OS v6.2(15) is no longer supported.
	9710	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27)	Cisco OS v6.2(15) is no longer supported.

FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	
Cisco	Nexus 5020, 5596UP, 5548up-2232pp, Nexus 5596T-2232TM-E	v7.0(0)N1(1) - v7.0(8)N1(1), v7.1(0)N1(1a) - v7.1(4)N1(1)	
	Nexus 5672up, 5672up-2248pq	v7.0(0)N1(1) - v7.0(8)N1(1), v7.1(0)N1(1a) - v7.1(4)N1(1), 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)	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)	
	UCS 6324	v3.0(2c)	Cisco UCS Mini only

HUS 110 130 150 support for RHEL 6.4 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Cisco	UCS 1225, 1225T, 1227, 11240, 1280, 1285	v1.5.0.45 v1.6.0.12	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	
HP	456972-B21	v8.3.5.86.1p	
	651281-B21	v8.04.00.08.06.4-k	
IBM	44X1945	v8.04.00.08.06.4-k	
	46M6065	v8.04.00.08.06.4-k	
Qlogic	QLE2460, QLE2462	v8.04.00.08.06.4-k	
	QLE2560, QLE2562	v8.04.00.08.06.4-k	
	QLE2670, QLE2672	v8.04.00.06.06.0-k v8.04.00.08.06.4-k v8.05.00.06.06.0-k	
	QLE8142	v8.05.00.03.06.0-k	Submit ISR for CISCO switch support
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5300, 7800, DCX, DCX-4s	v7.4.2d	
	6505, 6510, 6520, DCX8510	v7.4.2d	
Cisco	9148, 9222i, 9506 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27)	Cisco OS v6.2(15) is no longer supported.
	9710	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27)	Cisco OS v6.2(15) is no longer supported.

FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	
Cisco	UCS 6120XP, 6140XP, 6248up, 6296up	v2.1(1a) - v2.1(1f)	
	Nexus 6001T,6004, 6001p-2248pq	v6.0(2)N1(2), v6.0(2)N1(2a)	

ISCSI Storage Interface			
ISCSI Adapters			
Manufacturer	Models	Driver Versions	Notes
Any	10 GbE NIC	Bundled	
Emulex	OCe10102	v8.3.7.18-1	
HP	NC522SFP	v4.0.590.6.1-1	
		v4.6.247.7-1	
	554FLR-SFP	v4.6.247.3-1	
	554M	v4.4.161.0r	
Qlogic	QLE8242	Bundled	
ISCSI Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	
Brocade	8000	v6.4.0 - v6.4.3g	

HUS 110 130 150 support for RHEL 6.3 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Cisco	UCS 1225, 1225T, 1227, 11240, 1280, 1285	v1.5.0.1 v1.5.0.20	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v1.5.0.20	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS P81E	v1.5.0.20	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe11000, LPe11002	v8.3.5.68.5p	
	LPe12000, LPe12002, LPe1205, LPe1205-HI	Bundled v8.3.5.68.5p	
	LPe16000, LPe16002, LPe16002B	v8.3.5.68.5p	
	OCm11104-F2	v8.3.5.45.4p	
	OCe10102	v8.3.5.68.5p	
HP	651281-B21	v8.04.00.06.06.0-k	
	451871-B21	v8.04.00.06.06.0-k	
Qlogic	QLE2460, QLE2462	v8.03.07.05.06.2-k	
	QLE2560, QLE2562	v8.03.07.05.06.2-k	
	QLE8360, QLE8362	v8.05.00.03.06.0-k	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5300, 7800, DCX, DCX-4s	v7.4.2d	
	6505, 6510, 6520, DCX8510	v7.4.2d	
Cisco	9148, 9222i, 9506 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27)	Cisco OS v6.2(15) is no longer supported.
	9250i	v6.2(5) - v6.2(13b), v6.2(17) - v6.2(27)	Cisco OS v6.2(15) is no longer supported.

FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	
Brocade	8000	v7.0.0 - v7.0.2e, v7.2.0a - v7.2.1e	
Cisco	UCS 6120XP, 6140XP, 6248up, 6296up	v2.1(1a) - v2.1(1f)	
	Nexus 5020, 5596UP, 5548up-2232pp, Nexus 5596T-2232TM-E	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)	

HUS 110 130 150 support for RHEL 6.2 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Cisco	UCS 1225, 1225T, 1227, 11240, 1280, 1285	v1.5.0.1 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	v8.3.5.45.4p	
	OCe11102	v8.3.5.45.4p	
HP	403619-B21	v8.03.07.13.06.0	
	403621-B21	v8.3.5.45.4p	
	451871-B21	v8.04.00.06.06.0-k	
	456972-B21	v8.3.5.45.4p	
	554FLB	v8.3.5.77.1p	
	590647-B21	v3.0.3.0	
	NC553i	v8.3.5.45-4p v8.3.5.77.1p	
Qlogic	QLE2460, QLE2462	v8.03.07.05.06.2-k	
	QLE2560, QLE2562	v8.03.07.05.06.2-k	
	QLE2670, QLE2672	v8.04.00.06.06.0-k	
	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	300, 5300, 7800, DCX, DCX-4s	v7.4.2d	
	6505, 6510, 6520, DCX8510	v7.4.2d	
Cisco	9148, 9222i, 9506 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27)	Cisco OS v6.2(15) is no longer supported.
	9148S	v6.2(9a) - v6.2(13b), v6.2(17) - v6.2(27)	Cisco OS v6.2(15) is no longer supported.
	9250i	v6.2(5) - v6.2(13b), v6.2(17) - v6.2(27)	Cisco OS v6.2(15) is no longer supported.
	9706	v6.2(13) - v6.2(13b), v6.2(17) - v6.2(27)	Cisco OS v6.2(15) is no longer supported.
	9710	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(27)	Cisco OS v6.2(15) is no longer supported.

FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Brocade	8000	v7.0.0 - v7.0.2e	
Cisco	Nexus 5020, 5596UP, 5548up-2232pp, Nexus 5596T-2232TM-E	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(6)	
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.1(1a) - v2.1(1f)	
	Nexus 6001T,6004, 6001p-2248pq	v6.0(2)N1(2), v6.0(2)N1(2a),v7.0(0)N1(1), v7.0(1)N1(1) - v7.0(6)N1(1)	