



Windows 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.

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VSP G1000, GX00, FX00, VSP, HUS VM support for Microsoft Windows Server 2012 R2

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	v2.3.0.20 v2.4.0.8 v2.4.0.9 v2.4.0.11	Must connect to a Cisco UCS or UCS Mini top of rack interconnect switch.
	UCS 1340, 1380	v2.4.0.8 v2.4.0.9 v2.4.0.11	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v2.3.0.12 v2.4.0.9 v2.4.0.11	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe11000, LPe11002	v2.74.214.004 v2.76.002.001 v10.2.261.4	
	LPe12000, LPe12002, LPe1205, LPe1205-HI	v2.74.214.004 v2.76.002.001 v10.2.261.4 v10.2.370.8	
	LPe1205A-HI	v2.76.002.001	
	LPe16000, LPe16002, LPe16002B	v2.74.214.004 v2.76.002.001 v2.76.003.001 v10.1.1.26 v10.2.261.4 v10.2.370.8	
	LPm16002B-HI	v2.76.002.001	
	OCe10102	v2.76.002.001 v2.76.003.001 v10.4.246.0	
	OCe11102	v2.76.002.001 v10.2.370.8	
Hitachi	HFCE0801, HFCE0802, HFCE0804	v4.4.7.1110 v4.4.8.1690	
	HFCE1602-M	v4.4.8.1690	Support Direct connect using the Fabric emulation feature. Storage 16G ports should be set Fabric ON/Point-To-Point.
HP	403621-B21 LPe1105	v2.74.009.001 v10.2.261.4	
	456972-B21 LPe1205	v10.2.261.4	
	554M, 554FLB	v2.74.014.001 v2.76.003.001 v10.2.261.4 v10.2.370.8 v10.4.246.0	
	650FLB, 650M	v10.2.261.4 v10.2.370.8 v10.4.246.0	
	659818-B21 LPe1205A	v2.76.003.001	
	710608-B21 QMH2672	v9.1.12.22	
	718203-B21 LPe1605	v10.4.246.0	

	81E, 82E, AJ762A, AJ762B, AJ763A, AJ763B, AH402A, AH403A	v2.74.214.004 v2.76.002.001 v10.2.261.4 v10.2.370.8	
	81Q, 82Q, AK344A, AJ764A	v9.1.11.24 v9.1.12.21 v9.1.12.22	
	A8003A, A8003B, FC2242SR A8002A, A8002B, FC2142SR	v2.74.214.004 v2.76.002.001 v10.2.261.4	
	AE311A, AE312A, FC1142SR, FC1242SR	v9.1.11.24 v9.1.11.3	
	NC551i, NC551m	v2.74.014.001	
	NC553i, NC553m, CN1100E	v2.74.014.001 v2.76.003.001 v10.4.246.0	
	SN1000E	v2.74.214.004 v2.76.002.001	
	SN1000Q	v9.1.11.24 v9.1.12.21 v9.1.12.22	
	SN1100E	v2.74.214.004 v2.76.002.001 v2.76.003.001 v10.2.261.4 v10.2.370.8	
IBM	39R6525, 39R6527	v9.1.11.24	
	42C2069, 42C2071	v2.74.214.004 v2.76.002.001 v10.2.261.4	
	42D0485, 42D0494	v2.74.214.004 v2.76.002.001 v10.2.261.4 v10.2.370.8	
	42D0501, 42D0510	v9.1.11.24 v9.1.12.21 v9.1.12.22	
Qlogic	QLE2460, QLE2462	v9.1.11.24	
	QLE2560, QLE2562	v9.1.11.24 v9.1.12.21 v9.1.12.22	
	QLE2660, QLE2662, QLE2670, QLE2672	v9.1.10.26 v9.1.11.24 v9.1.12.21 v9.1.12.22	
	QLE8142	v9.1.11.12	
	QLE8360, QLE8362	v9.1.11.12 v9.1.11.3 v9.1.11.16 v9.1.12.10	

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)	
	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_hit1	
FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Brocade	VDX 6730 (8G)	v4.0.1	
Cisco	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up	v6.0(2)N1(2), v6.0(2)N1(2a), v6.0(2)N2(1) - v6.0(2)N2(6), v7.0(0)N1(1) - v7.0(7)N1(1) , v7.1(0)N1(1a) - v7.2(1)N1(1)	
	Nexus 5672up, 5672up-2248pq	v7.0(0)N1(1) - v7.0(7)N1(1) , v7.1(0)N1(1a) - v7.2(1)N1(1)	
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.1(3a) - v2.1(3g), v2.2(1b) - v2.2(1d), v2.2(3a) - v2.2(3f), 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
Brocade	1860	v3.2.3.1 v3.2.4.0	
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v2.4.0.8 v2.3.0.20	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS 1340, 1380	v2.4.0.8 v2.4.0.9	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v2.4.0.9	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	OCe10102	v2.76.002.001 v10.4.246.0	
	OCe11102	v10.0.720.0 v10.2.370.8	
QLogic	QLE8360, QLE8362	v9.1.11.3 v9.1.11.16 v9.1.12.10	
FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	VSP G1000 & VSP only
Brocade	DCX (FCoE)	v7.2.0a - v7.2.1b, v7.3.0 - v7.3.2	VSP G1000 & VSP only
Cisco	9250i (FCoE)	v6.2(5) - v6.2(13b)	VSP G1000 & VSP only
	9513 (FCoE)	v6.2(1) - v6.2(13b)	VSP G1000 & VSP only
	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596up, 5596T, 5596T-2232TM-E	v6.0(2)N2(1) - v6.0(2)N2(6), v7.0(0)N1(1) - v7.0(7)N1(1) , v7.1(0)N1(1a) - v7.2(1)N1(1)	VSP G1000 & VSP only
	Nexus 5672up, 5672up-2248pq	v7.1(0)N1(1a) - v7.2(1)N1(1)	
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.1(3a) - v2.1(3g), v2.2(1b) - v2.2(1d), v2.2(2c), v2.2(3a) - v2.2(3f), v2.2(5b) - v2.2(6f)	VSP G1000 & VSP only
Nexus 6001P, 6001p-2248pq, 6001T, 6004	v6.0(2)N1(2), v6.0(2)N1(2a), v7.0(0)N1(1) - v7.0(7)N1(1)	VSP G1000 & VSP only	

10 Gbps iSCSI Storage Interface			
iSCSI Adapters			
Manufacturer	Models	Driver Versions	Notes
Emulex	OCe10102	v10.4.245.0	VSP G1000, G800, G600, G400, G200 only
HP	554FLR-SFP	v10.2.421.0	VSP G1000, G800, G600, G400, G200 only
QLogic	QLE8360, QLE8362	v2.1.6.10	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 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596up, 5596T, 5596T-2232TM-E	v7.0(0)N1(1) - v7.0(7)N1(1)	VSP G1000, G800, G600, G400, G200 only
	Nexus 6001P, 6001p-2248pq, 6001T, 6004	v7.0(0)N1(1) - v7.0(7)N1(1)	VSP G1000, G800, G600, G400, G200 only

VSP G1000, GX00, FX00, VSP, HUS VM support for Microsoft Windows Server 2012

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	v2.2.0.9 v2.2.0.17 v2.3.0.12 v2.4.0.8	Must connect to a Cisco UCS or UCS Mini top of rack interconnect switch.
	UCS M81KR	v2.2.0.9 v2.2.0.17 v2.3.0.12 v2.4.0.8	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LP11000, LP11002	v2.72.012.001	
	LPe11000, LPe11002	v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.002.001 v10.2.261.4	
	LPe12000, LPe12002, LPe1205, LPe1205-HI	v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.002.001 v10.2.261.4	
	LPe16000, LPe16002, LPe16002B	v2.72.012.001 v2.74.014.001 v2.76.002.001 v2.76.003.001 v10.2.261.4	
	OCm11104-F2	v2.72.012.001	
Hitachi	HFC0401, HFC0402	v4.2.6.840	
	HFCE0801, HFCE0802, HFCE0804	v4.1.6.880 v4.3.7.1110	
HP	403619-B21 QMH2462	v9.1.10.26 v9.1.10.27 v9.1.11.20 v9.1.11.23	
	403621-B21 LPe1105	v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.002.001 v10.2.261.4	
	451871-B21 QMH2562	v9.1.10.26 v9.1.10.27 v9.1.11.20 v9.1.11.23	
	456972-B21 LPe1205	v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.002.001	
	554M, 554FLB	v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.003.001 v10.2.261.4 v10.4.246.0	

650FLB, 650M	v10.2.261.4 v10.2.370.8 v10.4.246.0	
651281-B21 QMH2572	v9.1.10.26 v9.1.10.27 v9.1.11.20 v9.1.11.23 v9.1.11.24	
659818-B21 LPe1205A	v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.002.001	
710608-B21 QMH2672	v9.1.12.22	
81E, 82E, AJ762A, AJ762B, AJ763A, AJ763B, AH402A, AH403A	v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.002.001 v10.2.261.4	
81Q, 82Q, AK344A, AJ764A	v9.1.10.25 v9.1.10.26 v9.1.10.27 v9.1.11.20 v9.1.11.23 v9.1.12.22	
A8003A, A8003B, FC2242SR A8002A, A8002B, FC2142SR	v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.002.001 v10.2.261.4	
AE311A, AE312A, FC1142SR, FC1242SR	v9.1.10.25 v9.1.10.26 v9.1.10.27 v9.1.11.20 v9.1.11.23	
NC551i, NC551m	v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.003.001	
NC553i, NC553m, CN1100E	v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.003.001	
SN1000E	v2.72.012.001 v2.74.014.001 v2.76.002.001	
SN1000Q	v9.1.10.26 v9.1.11.24	

IBM	26R0890, 26R0884, 26R0886, 26R0892, 26R0893, 41Y8527	v9.1.11.23	
	39M5894, 39M5895	v9.1.10.25	
	39R6525, 39R6527	v9.1.10.25 v9.1.10.26 v9.1.10.27 v9.1.11.20 v9.1.11.23	
	42C2069, 42C2071	v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.002.001 v10.2.261.4	
	42D0485, 42D0494	v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.002.001 v10.2.261.4	
	42D0501, 42D0510	v9.1.10.25 v9.1.10.26 v9.1.10.27 v9.1.11.20 v9.1.11.23 v9.1.12.22	
	46M6140	v2.74.014.001	
Qlogic	QLA460, QLA2462	v9.1.10.25	
	QLE2460, QLE2462	v9.1.10.25 v9.1.10.26 v9.1.10.27 v9.1.11.20 v9.1.11.23	
	QLE2560, QLE2562	v9.1.10.25 v9.1.10.26 v9.1.10.27 v9.1.11.20 v9.1.11.23 v9.1.12.22	
	QLE2660, QLE2662, QLE2670, QLE2672	v9.1.10.26 v9.1.11.24	
	QLE8142	v9.1.10.15 v9.1.11.24	
	QLE8360, QLE8362	v9.1.10.18	

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)	
	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	
FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Brocade	VDX 6730 (8G)	v4.0.1	
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(9) , 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(7)N1(1) , v7.1(0)N1(1a) - v7.2(1)N1(1)	
	Nexus 5672up, 5672up-2248pq	v7.0(0)N1(1) - v7.0(7)N1(1) , v7.1(0)N1(1a) - v7.2(1)N1(1)	
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.0(4a), v2.0(5a), v2.1(1a), v2.1(2a), v2.1(3a) - v2.1(3g), v2.2(1b) - v2.2(1d), v2.2(3a) - 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	1020	v3.2.0.0 v3.2.3.0	
	1860	v3.2.0.0 v3.2.3.0 v3.2.4.0	
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v2.2.0.17 v2.3.0.12	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v2.2.0.17 v2.3.0.12 v2.4.0.8	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe16000, LPe16002, LPe16002B	v2.72.012.001	
	OCe11102	v10.0.720.0	
	OCm11104-F2	v2.72.012.001	
HP	NC553i, NC553m, CN1100E	v2.76.003.001	
QLogic	QLE2670, QLE2672	v9.1.10.26	
	QLE8142	v9.1.10.15 v9.1.11.24	
	QLE8360, QLE8362	v9.1.10.18	
FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	VSP G1000 & VSP only
Brocade	8000 (FCoE)	v7.1.0a - v7.1.2a	VSP G1000 & VSP only
	DCX (FCoE)	v7.2.0a - v7.2.1b, v7.3.0 - v7.3.2	VSP G1000 & VSP only
Cisco	9250i (FCoE)	v6.2(5) - v6.2(13b)	VSP G1000 & VSP only
	9513 (FCoE)	v6.2(1) - v6.2(13b)	VSP G1000 & VSP only
	9706 (FCoE)	v6.2(9) - v6.2(13b)	VSP G1000 & VSP only
	9710 (FCoE)	v6.2(7) - v6.2(13b)	VSP G1000 & VSP only
	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up	v7.0(0)N1(1) - v7.0(7)N1(1) , v7.1(0)N1(1a) - v7.2(1)N1(1)	VSP G1000 & VSP only
	UCS 6120XP, 6140XP, 6248up, 6296up	2.0(5a) - v2.0(5f), 2.1(1a) - v2.1(1f), v2.1(2a), v2.1(2c), v2.1(2d), v2.1(3a) - v2.1(3g), v2.2(3a) - v2.2(3f)	VSP G1000 & VSP only

VSP G1000, GX00, FX00, VSP, HUS VM support for Microsoft Windows Server 2008 R2 & R2 SP1 (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	v2.1.0.17 v2.1.0.18 v2.1.0.20 v2.1.0.25 v2.1.0.27 v2.1.0.31	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS 1340, 1380	v2.1.0.27 v2.1.0.31	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M71KR-Q, M72KR-Q	v9.1.8.27	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v2.0.1.6 v2.1.0.11 v2.1.0.17 v2.1.0.18 v2.1.0.20 v2.1.0.25 v2.1.0.27 v2.1.0.31	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS P81E	v2.0.1.3 v2.1.0.11 v2.1.0.17 v2.1.0.20	Must connect to a Cisco UCS top of rack interconnect switch.
	Emulex	LP11000, LP11002	v2.72.012.001 v2.74.014.001
LPe11000, LPe11002		v2.70.018 v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.002.001 v2.76.003.001 v10.2.261.4	
LPe12000, LPe12002, LPe1205, LPe1205-HI		v2.70.018 v2.70.019 v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.003.001 v10.2.261.4 v10.2.370.8 v10.4.246.0	
LPe16000, LPe16002, LPe16002B		v2.70.018 v2.70.019 v2.72.012.001 v2.74.009.001 v2.74.014.001 v10.2.261.4 v10.2.370.8 v10.4.246.0	
OCe10102		v2.40.005 v2.50.007 v2.76.003.001 v10.0.720.0	

	OCe11102	v2.41.002 v2.70.018 v2.76.003.001 v10.0.720.0 v10.2.370.8	
	OCm11104-F2	v2.72.012.001	
Hitachi	HFC0401, HFC0402	v4.2.6.840	
	HFCE0801, HFCE0802, HFCE0804	v4.2.6.800 v4.2.6.840 v4.2.6.880 v4.2.8.1500	
HP	403619-B21 QMH2462	v9.1.9.25 v9.1.9.26 v9.1.9.45 v9.1.9.49 v9.1.10.26 v9.1.10.27 v9.1.11.20	
	403621-B21 LPe1105	v2.70.018 v2.70.019 v2.74.009.001 v2.74.014.001 v10.4.246.0	
	451871-B21 QMH2562	v9.1.8.27 v9.1.9.25 v9.1.9.26 v9.1.9.45 v9.1.9.47 v9.1.9.49 v9.1.10.26 v9.1.10.27 v9.1.11.20	
	456972-B21 LPe1205	v2.70.018 v2.70.019 v2.74.009.001 v2.74.014.001 v10.2.261.4	
	554M, 554FLB	v2.70.018 v2.70.019 v2.74.009.001 v2.74.014.001 v2.76.003.001 v10.2.261.4 v10.2.370.8 v10.4.246.0	
	650FLB, 650M	v10.2.261.4 v10.2.370.8 v10.4.246.0	
	651281-B21 QMH2572	v9.1.9.45 v9.1.9.49 v9.1.10.26 v9.1.10.27 v9.1.11.20	
	659818-B21 LPe1205A	v2.70.019 v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.002.001	
	710608-B21 QMH2672	v9.1.12.22	

81E, 82E, AJ762A, AJ762B, AJ763A, AJ763B, AH402A, AH403A	v2.70.018 v2.70.019 v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.003.001 v10.2.261.4 v10.2.370.8 v10.4.246.0	
81Q, 82Q, AK344A, AJ764A	v9.1.9.25 v9.1.9.26 v9.1.9.27 v9.1.9.45 v9.1.9.47 v9.1.9.49 v9.1.10.26 v9.1.10.27 v9.1.10.28 v9.1.11.20 v9.1.11.24 v9.1.12.21 v9.1.12.22	
A8003A, A8003B, FC2242SR A8002A, A8002B, FC2142SR	v2.70.018 v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.002.001 v2.76.003.001 v10.2.261.4	
AE311A, AE312A, FC1142SR, FC1242SR	v9.1.9.25 v9.1.9.26 v9.1.9.45 v9.1.9.47 v9.1.9.49 v9.1.10.26 v9.1.10.27 v9.1.10.28 v9.1.11.20 v9.1.11.23	
NCS51i, NCS51m	v2.70.018 v2.70.019 v2.74.009.001 v2.74.014.001	
NCS53i, NCS53m, CN1100E	v2.70.018 v2.70.019 v2.74.009.001 v2.74.014.001 v2.76.003.001 v10.2.261.4	
SN1000E	v2.70.018 v2.70.019 v2.72.012.001 v2.74.009.001 v2.74.014.001	
SN1000Q	v9.1.10.26 v9.1.11.20 v9.1.12.21	
SN1100E	v10.4.246.0	

IBM	26R0890, 26R0884, 26R0886, 26R0892, 26R0893, 41Y8527	v9.1.9.25 v9.1.9.47 v9.1.9.49	
	39M5894, 39M5895	v9.1.9.25 v9.1.9.47	
	39R6525, 39R6527	v9.1.9.25 v9.1.9.26 v9.1.9.45 v9.1.9.47 v9.1.9.49 v9.1.10.26 v9.1.10.27 v9.1.10.28 v9.1.11.20 v9.1.11.23 v9.1.11.24	
	39Y9186, 43W6859, 43W6860 , 43W6861, 43W6862	v2.70.018 v9.1.11.20	
	42C2069, 42C2071	v2.70.018 v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.002.001 v2.76.003.001 v10.2.261.4	
	42D0485, 42D0494	v2.70.018 v2.70.019 v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.003.001 v10.2.261.4 v10.2.370.8	
	42D0501, 42D0510	v9.1.9.25 v9.1.9.26 v9.1.9.27 v9.1.9.45 v9.1.9.47 v9.1.9.49 v9.1.10.26 v9.1.10.27 v9.1.10.28 v9.1.11.20 v9.1.11.24 v9.1.12.21 v9.1.12.22	
	44X1940, 44X1942, 44X1945, 44X1947	v9.1.9.25 v9.1.10.26	
	46M6065	v9.1.10.26 v9.1.11.20	
	46M6140	v2.70.018 v2.74.014.001	

QLogic	QLA460, QLA2462	v9.1.9.25 v9.1.9.47	
	QLE2460, QLE2462	v9.1.9.25 v9.1.9.26 v9.1.9.45 v9.1.9.47 v9.1.9.49 v9.1.10.26 v9.1.10.27 v9.1.10.28 v9.1.11.20 v9.1.11.23 v9.1.11.24	
	QLE2560, QLE2562	v9.1.9.25 v9.1.9.26 v9.1.9.27 v9.1.9.45 v9.1.9.47 v9.1.9.49 v9.1.10.26 v9.1.10.27 v9.1.10.28 v9.1.11.20 v9.1.11.24 v9.1.12.21 v9.1.12.22	
	QLE2660, QLE2662, QLE2670, QLE2672	v9.1.10.26 v9.1.11.20 v9.1.12.21	
	QLE8142	v9.1.9.15	
	QLE8152	v9.1.9.15 v9.1.9.55 v9.1.10.18	
	QLE8240, QLE8242	v9.1.9.15 v9.1.9.17	
	QLE8360, QLE8362	v9.1.12.10	
	QME2472	v9.1.9.27 v9.1.9.49	

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)	
	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	v6.2.2d, v6.3.2c, v6.3.2d, v7.0.2c, v7.2.1	

FCOE Switches (FCF mode)

Manufacturer	Models	Firmware Versions	Notes
Brocade	VDX 6730 (8G)	v4.0.1	

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(9) , 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(7)N1(1) , v7.1(0)N1(1a) - v7.2(1)N1(1)	
	Nexus 5672up, 5672up-2248pq	v7.0(0)N1(1) - v7.0(7)N1(1) , v7.1(0)N1(1a) - v7.2(1)N1(1)	
	Nexus 6001p-2248pq, 6001T, 6004	v6.0(2)N1(2), v6.0(2)N1(2a), v6.0(2)N2(1) - v6.0(2)N2(6) , v7.0(0)N1(1) - v7.0(7)N1(1)	Cisco Nexus 6001/6004 series requires v6.0(2)N1(2) and above. Nexus 6001T requires v6.0(2)N2(1) and above.
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.1(3a) - v2.1(3g), v2.2(1b) - v2.2(1d), v2.2(3a) - v2.2(3f), v2.2(5b) - v2.2(6f)	

FCOE Storage Interface			
Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Brocade	1860	v3.1.0.0	
		v3.2.0.0 v3.2.3.0	
Cisco	UCS 1225, 1225T, 1227, 1240, 1280, 1285	v2.1.0.20 v2.1.0.25 v2.1.0.27	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS 1340, 1380	v2.1.0.27	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v2.1.0.20 v2.1.0.25 v2.1.0.27	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS P81E	v2.1.0.17 v2.1.0.20	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe16000, LPe16002, LPe16002B	v2.72.012.001	
	OCe10102	v2.50.007 v2.76.003.001 v10.0.720.0	
		v2.70.018 v2.76.003.001 v10.0.720.0 v10.2.370.8	
QLogic	QLE2670, QLE2672	v9.1.10.26	
	QLE8142	v9.1.9.15	
	QLE8152	v9.1.9.55 v9.1.10.18	
		v9.1.9.36	
	QLE8240, QLE8242	v9.1.10.18 v9.1.11.16 v9.1.12.10	

FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	VSP G1000 & VSP only
Brocade	8000 (FCoE)	v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2a	VSP G1000 & VSP only
	DCX (FCoE)	v7.2.0a - v7.2.1b, v7.3.0 - v7.3.2	VSP G1000 & VSP only
Cisco	9250i (FCoE)	v6.2(5) - v6.2(13b)	VSP G1000 & VSP only
	9513 (FCoE)	v6.2(1) - v6.2(13b)	VSP G1000 & VSP only
	9706 (FCoE)	v6.2(9) - v6.2(13b)	VSP G1000 & VSP only
	9710 (FCoE)	v6.2(7) - v6.2(13b)	VSP G1000 & VSP only
	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596up, 5596T, 5596T-2232TM-E	v5.1(3)N1(1) - v5.1(3)N2(1c), v5.2(1)N1(1) - v5.2(1)N1(9), 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(7)N1(1), v7.1(0)N1(1a) - v7.2(1)N1(1)	VSP G1000 & VSP only
	Nexus 5672up, 5672up-2248pq	v7.1(0)N1(1a) - v7.2(1)N1(1)	
	UCS 6120XP, 6140XP, 6248up, 6296up	2.0(5a) - v2.0(5f), 2.1(1a) - v2.1(1f), v2.1(2a), v2.1(2c), v2.1(2d), v2.1(3a) - v2.1(3g), v2.2(1b) - v2.2(1d), v2.2(2c), v2.2(3a) - v2.2(3f), v2.2(5b) - v2.2(6f)	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(4), v7.0(0)N1(1) - v7.0(7)N1(1)	VSP G1000 & VSP only	

10 Gbps iSCSI Storage Interface

iSCSI Adapters			
Manufacturer	Models	Driver Versions	Notes
HP	554FLR-SFP	v10.2.421.0	VSP G1000, G800, G600, G400, G200 only
QLogic	QLE8240, QLE8242	v2.1.6.10	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 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596up, 5596T, 5596T-2232TM-E	v7.0(0)N1(1) - v7.0(7)N1(1)	VSP G1000, G800, G600, G400, G200 only
	Nexus 6001P, 6001p-2248pq, 6001T, 6004	v7.0(0)N1(1) - v7.0(7)N1(1)	VSP G1000, G800, G600, G400, G200 only

VSP G1000, GX00, FX00, VSP, HUS VM support for Microsoft Windows Server 2008 (X64) & 2008 SP2 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Cisco	UCS 1280	v2.1.0.20	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS M81KR	v2.1.0.11 v2.1.0.17	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe11000, LPe11002	v2.70.018	
		v2.70.019	
		v2.72.012.001	
		v2.74.009.001	
	v2.74.014.001		
	v2.76.002.001		
LPe12000, LPe12002, LPe1205, LPe1205A-HI, LPe1205-HI	v2.70.018		
	v2.70.019		
LPe16000, LPe16002, LPe16002B	v2.72.012.001		
	v2.74.009.001		
OCe10102	v2.74.014.001		
	v10.2.261.4		
	v2.50.007		
	v2.70.018		
OCe11102	v2.72.012.001		
OCm11104-F2			
Hitachi	HFC0401, HFC0402	v4.1.6.880	
	HFCE0801, HFCE0802, HFCE0804	v4.1.6.800 v4.1.6.880	
HP	403619-B21 QMH2462	v9.1.9.25	
		v9.1.9.26	
		v9.1.9.45	
		v9.1.9.49	
		v9.1.10.26	
	v9.1.10.27		
	v9.1.11.20		
	403621-B21 LPe1105	v2.70.018	
		v2.70.019	
		v2.74.009.001 v2.74.014.001	
451871-B21 QMH2562	v9.1.9.25		
	v9.1.9.26		
	v9.1.9.45		
	v9.1.9.49		
	v9.1.10.26		
v9.1.10.27			
v9.1.11.20			
456972-B21 LPe1205	v2.70.018		
	v2.70.019		
	v2.74.009.001		
	v2.74.014.001		
554M, 554FLB	v2.70.018		
	v2.70.019		
	v2.74.009.001		
	v2.74.014.001		
	v10.2.261.4		

650FLB, 650M	v10.4.246.0	
651281-B21 QMH2572	v9.1.9.45 v9.1.9.49 v9.1.10.26 v9.1.10.27 v9.1.11.20	
659818-B21 LPe1205A	v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.002.001	
81E, 82E, AJ762A, AJ762B, AJ763A, AJ763B, AH402A, AH403A	v2.70.018 v2.70.019 v2.72.012.001 v2.74.009.001 v2.74.014.001	
81Q, 82Q, AK344A, AJ764A	v9.1.9.25 v9.1.9.26 v9.1.9.27 v9.1.9.45 v9.1.9.47 v9.1.9.49 v9.1.10.26 v9.1.10.27 v9.1.11.20 v9.1.12.22	
A8003A, A8003B, FC2242SR A8002A, A8002B, FC2142SR	v2.70.018 v2.70.019 v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.002.001 v2.76.003.001 v10.2.261.4	
AE311A, AE312A, FC1142SR, FC1242SR	v9.1.9.25 v9.1.9.26 v9.1.9.27 v9.1.9.45 v9.1.9.49 v9.1.10.26 v9.1.10.27 v9.1.11.20 v9.1.11.23	
NC551i, NC551m	v2.70.018 v2.70.019 v2.74.009.001 v2.74.014.001	
NC553i, NC553m, CN1100E	v2.70.018 v2.70.019 v2.74.009.001 v2.74.014.001	
SN1000E	v2.70.018 v2.70.019 v2.74.009.001	

IBM	26R0890, 26R0884, 26R0886, 26R0892, 26R0893, 41Y8527	v9.1.9.25 v9.1.9.49	
	39M5894, 39M5895	v9.1.9.25	
	39R6525, 39R6527	v9.1.9.25 v9.1.9.26 v9.1.9.27 v9.1.9.45 v9.1.9.47 v9.1.9.49 v9.1.10.26 v9.1.10.27 v9.1.10.28 v9.1.11.20 v9.1.11.23	
	39Y9186, 43W6859, 43W6860 , 43W6861, 43W6862	v2.70.018	
	42C2069, 42C2071	v2.70.018 v2.70.019 v2.72.012.001 v2.74.009.001 v2.74.014.001 v2.76.002.001 v2.76.003.001 v10.2.261.4	
	42D0485, 42D0494	v2.70.018 v2.70.019 v2.72.012.001 v2.74.009.001 v2.74.014.001	
	42D0501, 42D0510	v9.1.9.25 v9.1.9.26 v9.1.9.27 v9.1.9.45 v9.1.9.47 v9.1.9.49 v9.1.10.26 v9.1.10.27 v9.1.11.20 v9.1.12.22	
	44X1940, 44X1942, 44X1945, 44X1947	v9.1.9.25 v9.1.10.26	
	46M6065	v9.1.9.25	

QLogic	QLA460, QLA2462	v9.1.9.25	
	QLE2460, QLE2462	v9.1.9.25 v9.1.9.26 v9.1.9.27 v9.1.9.45 v9.1.9.47 v9.1.9.49 v9.1.10.26 v9.1.10.27 v9.1.10.28 v9.1.11.20 v9.1.11.23	
	QLE2560, QLE2562	v9.1.9.25 v9.1.9.26 v9.1.9.27 v9.1.9.45 v9.1.9.47 v9.1.9.49 v9.1.10.26 v9.1.10.27 v9.1.11.20 v9.1.12.22	
	QLE8142	v9.1.9.15	
	QME2472	v9.1.9.27	
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)	
	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 - 4016	v6.2.2d	
Hitachi	Blade Server Switch - 5460	v6.2.0_ht1, v6.3.1a, v6.3.2c, v7.0.2c	
FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Brocade	VDX 6730 (8G)	v4.0.1	
Cisco	Nexus 5548p, 5548up, 5596up	v5.1(3)N1(1) - v5.1(3)N2(1c)	
	Nexus 5672up, 5672up-2248pq	v7.0(0)N1(1) - v7.0(7)N1(1) , v7.1(0)N1(1a) - v7.2(1)N1(1)	
	UCS 6120XP, 6140XP, 6248up, 6296up	v2.0(1q), v2.0(1t), v2.0(3a), v2.1(1a)	

FCOE Storage Interface			
Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Brocade	1020	v3.2.0.0	
	1860	v3.2.0.0	
QLogic	QLE8142	v9.1.9.15	
FCOE Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic DCB IP Switch	Any DCB 10GigE FW	VSP G1000 & VSP only
Brocade	8000 (FCoE)	v7.1.0a - v7.1.2a	VSP G1000 & VSP only
	DCX (FCoE)	v7.2.0a - v7.2.1b, v7.3.0 - v7.3.2	VSP G1000 & VSP only