



SuSE Linux Enterprise Server (SLES) 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 SLES 12 SP1 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Emulex	LPe12000, LPe12002, LPe1205, LPe1205A-HI, LPe1205-HI	v11.2.156.18	
	LPe16000, LPe16002, LPe16002B	v10.6.144.21	
	LPe32000, LPe32002	v11.0.240.0	
QLogic	QLE2560, QLE2562	v8.07.00.18-k	
	QLE2660, QLE2662, QLE2670, QLE2672	v8.07.00.34.12.0-k v8.07.00.39.12.0-k	
	QLE2740, QLE2742, QLE2764	v8.07.00.18-k	
		v8.07.00.34.12.0-k	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 7800	v7.4.2d - v7.4.2f	
	6505, 6510, 6520, 7840, DCX 8510	v7.4.2d - v7.4.2f	
Cisco	9148, 9506 (8Gb), 9513 (8Gb)	v6.2(17) - v6.2(31)	
	9148S, 9706	v6.2(17) - v6.2(31)	
	9396S	v8.1(1) - v8.1(1b)	

HUS 110 130 150 support for SLES 12 (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 v2.4.0.13	Must connect to a Cisco UCS top of rack interconnect switch.
	UCS 1340, 1380	v1.6.0.18 v1.6.0.25 v2.4.0.13	Must connect to a Cisco UCS top of rack interconnect switch.
Emulex	LPe12000, LPe12002, LPe1205, LPe1205A-HI, LPe1205-HI	v10.2.8040.1	
	OCe14102	v10.2.8040.1	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 7800	v7.4.2d - v7.4.2f	
	6505, 6510, 6520, 7840, DCX 8510	v7.4.2d - v7.4.2f	
Cisco	9148, 9506 (8Gb), 9513 (8Gb)	v6.2(17) - v6.2(31)	
FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Cisco	UCS 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), v3.1(1e) - v3.1(1l)	Cisco UCS Mini only

HUS 110 130 150 support for SLES 11 SP4 (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, LPe1205A-HI, LPe1205-HI	v10.2.8061.0 v10.4.8000.0	
	LPe16000, LPe16002, LPe16002B	v10.4.8000.0	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 7800	v7.4.2d - v7.4.2f	
	6505, 6510, 6520, 7840, DCX 8510	v7.4.2d - v7.4.2f	
Cisco	9148, 9506 (8Gb), 9513 (8Gb)	v6.2(17) - v6.2(31)	
	9710	v6.2(17) - v6.2(31)	
FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Cisco	UCS UCS 6120XP, 6140XP, 6248up, 6296up	v3.1(1e) - v3.1(1l)	
	UCS 6324	v3.1(1e) - v3.1(1l)	Cisco UCS Mini only