



Solaris 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 Oracle Solaris 11.2 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Emulex	LPe12000, LPe12002, LPe1205, LPe1205A-HI, LPe1205-HI	Bundled	
	Emulex LPm16002B-HI	Bundled	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5300, 7800, DCX, DCX-4s	v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2b, v7.4.0 - v7.4.2a, v7.4.2c	Brocade FOS v7.1.0, v7.2.0, and v7.4.2b 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 - v7.3.2b, v7.4.0 - v7.4.2a, v7.4.2c	Brocade FOS v7.1.0, v7.2.0, and v7.4.2b are not supported.
Cisco	9148, 9222i, 9506 (4Gb), 9506 (8Gb), 9509 (4Gb), 9509 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(23)	Cisco OS v6.2(15) is no longer supported.

HUS 110 130 150 support for Oracle Solaris 11.1 (SPARC)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Emulex	LPe12000, LPe12002	Bundled	
Qlogic	QLE2560, QLE2562	Bundled	
Sun	SG-XPCIE1FC-EM8-Z	Bundled	
	SG-XPCIE2FC-EM8-Z		
	SG-XPCIE1FC-QF4	Bundled	
	SG-XPCIE2FC-QF4		
	SG-XPCIE1FC-QF8-Z	Bundled	
	SG-XPCIE2FC-QF8-Z		
	SG-XPCIEFCGBE-Q8-N	Bundled	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5300, 7800, DCX, DCX-4s	v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2b, v7.4.0 - v7.4.2a, v7.4.2c	Brocade FOS v7.1.0, v7.2.0, and v7.4.2b 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 - v7.3.2b, v7.4.0 - v7.4.2a, v7.4.2c	Brocade FOS v7.1.0, v7.2.0, and v7.4.2b are not supported.
Cisco	9148, 9222i, 9506 (4Gb), 9506 (8Gb), 9509 (4Gb), 9509 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(23)	Cisco OS v6.2(15) is no longer supported.

10Gbps iSCSI Storage Interface			
iSCSI Adapters			
Manufacturer	Models	Driver Versions	Notes
Emulex	OCe10102	Bundled	
Sun	SG-XPCIEFCOE2-Q-SR	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 Oracle Solaris 11.1 (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	Bundled	
	Emulex LPm16002B-HI	Bundled	
Sun	SG-XPCIE1FC-EM8-Z	Bundled	
	SG-XPCIE2FC-EM8-Z		
	SG-XPCIE1FC-QF8-Z	Bundled	
	SG-XPCIE2FC-QF8-Z		
	SG-XPCIEFCGBE-Q8-N	Bundled	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5300, 7800, DCX, DCX-4s	v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2b, v7.4.0 - v7.4.2a, v7.4.2c	Brocade FOS v7.1.0, v7.2.0, and v7.4.2b 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 - v7.3.2b, v7.4.0 - v7.4.2a, v7.4.2c	Brocade FOS v7.1.0, v7.2.0, and v7.4.2b are not supported.
Cisco	9148, 9222i, 9506 (4Gb), 9506 (8Gb), 9509 (4Gb), 9509 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(23)	Cisco OS v6.2(15) is no longer supported.

HUS 110 130 150 support for Oracle Solaris 11 (SPARC)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Sun	SG-XPCI1FC-QF4	Bundled	
	SG-XPCI2FC-QF4		
	SG-XPCIE1FC-EM4	Bundled	
	SG-XPCIE2FC-EM4		
	SG-XPCIE1FC-EM8-Z	Bundled	
	SG-XPCIE2FC-EM8-Z		
	SG-XPCIE1FC-QF4	Bundled	
SG-XPCIE2FC-QF4			
	SG-XPCIE1FC-QF8-Z	Bundled	
	SG-XPCIE2FC-QF8-Z		
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5300, 7800, DCX, DCX-4s	v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2b, v7.4.0 - v7.4.2a, v7.4.2c	Brocade FOS v7.1.0, v7.2.0, and v7.4.2b 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 - v7.3.2b, v7.4.0 - v7.4.2a, v7.4.2c	Brocade FOS v7.1.0, v7.2.0, and v7.4.2b are not supported.
Cisco	9148, 9222i, 9506 (4Gb), 9506 (8Gb), 9509 (4Gb), 9509 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(23)	Cisco OS v6.2(15) is no longer supported.

10Gbps iSCSI Storage Interface			
iSCSI Adapters			
Manufacturer	Models	Driver Versions	Notes
Any	10 GbE NIC	Bundled	
iSCSI Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	

HUS 110 130 150 support for Oracle Solaris 11 (X64)

FC Storage Interface			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Emulex	LPe11000, LPe11002	Bundled	
	LPe12000, LPe12002, LPe1205, LPe1205A-HI, LPe1205-HI	Bundled	
Sun	SG-XPCIE1FC-EM4	Bundled	
	SG-XPCIE2FC-EM4		
	SG-XPCIE1FC-EM8-Z	Bundled	
	SG-XPCIE2FC-EM8-Z		
	SG-XPCIE1FC-QF4	Bundled	
	SG-XPCIE2FC-QF4		
	SG-XPCIE1FC-QF8-Z	Bundled	
	SG-XPCIE2FC-QF8-Z		
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5300, 7800, DCX, DCX-4s	v7.0.0 - v7.0.2e, v7.1.0a - v7.1.2b, v7.2.0a - v7.2.1g, v7.3.0 - v7.3.2b, v7.4.0 - v7.4.2a, v7.4.2c	Brocade FOS v7.1.0, v7.2.0, and v7.4.2b 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 - v7.3.2b, v7.4.0 - v7.4.2a, v7.4.2c	Brocade FOS v7.1.0, v7.2.0, and v7.4.2b are not supported.
Cisco	9148, 9222i, 9506 (4Gb), 9506 (8Gb), 9509 (4Gb), 9509 (8Gb), 9513, 9513 (8Gb)	v6.2(1) - v6.2(13b), v6.2(17) - v6.2(23)	Cisco OS v6.2(15) is no longer supported.

10Gbps iSCSI Storage Interface			
iSCSI Adapters			
Manufacturer	Models	Driver Versions	Notes
Any	10 GbE NIC	Bundled	
iSCSI Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	