



## Ubuntu Support Matrix Hitachi VSP G1x00, F1500, Gxx0, Fxx0

**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 32Gb Interface:

The 32Gb interface is only available on the Gxx0 and Fxx0 arrays. It is supported with both 16 & 32Gb SFPs and will now operate at a maximum of 32Gbps.

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.

**Gxx0 refers to : G900,G800,G700, G600, G400,G370,G350 and G200**

**Fxx0 refers to : F900,F800, F700,F600, F400,F370,F350**

**G1x00 refers to : G1500 and G1000**

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## VSP G1x00, F1500, Gxx0, Fxx0 support for Ubuntu 17.10

<b>Hitachi VSP G1x00, F1500, Gxx0, Fxx0</b>			
<b>Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)</b>			
Manufacturer	Models	Driver Versions	Notes
submit ISR	submit ISR	submit ISR	
<b>FCOE Switches (FCF mode)</b>			
Manufacturer	Models	Firmware Versions	Notes
submit ISR	submit ISR	submit ISR	
<b>10 Gbps iSCSI Storage Interface</b>			
<b>iSCSI Adapters</b>			
Manufacturer	Models	Driver Versions	Notes
Intel	82598EB	v5.1.0-k	
Emulex	OCe14102-NM	v11.4.0.0	
<b>iSCSI Switches</b>			
Manufacturer	Models	Firmware Versions	Notes
Brocade	VDX 6730	v4.1.3a	
Cisco	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up	v7.0(6)N1(1)	

## VSP G1x00, F1500, Gxx0, Fxx0 support for Ubuntu 16.04

<b>Hitachi VSP G1x00, F1500, Gxx0, Fxx0</b>			
<b>Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)</b>			
Manufacturer	Models	Driver Versions	Notes
Emulex	LPe12000, LPe12002	Bundled	
<b>FCOE Switches (FCF mode)</b>			
Manufacturer	Models	Firmware Versions	Notes
Cisco	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up	v5.2(1)N1(1) - 5.2(1)N1(9)	
<b>10 Gbps iSCSI Storage Interface</b>			
<b>iSCSI Adapters</b>			
Manufacturer	Models	Driver Versions	Notes
Any	10 GbE NIC	Bundled	
Emulex	Emulex OCe11102	Bundled v10.6.0.3	
<b>iSCSI Switches</b>			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	
Brocade	VDX 6740	v6.0.1a	
Cisco	Nexus 6001p, 6001p-2248pq, 6001T, 6004	v7.3(0)N1(1) - v7.3(1)N1(1)	

## VSP G1x00, F1500, Gxx0, Fxx0 support for Ubuntu 14.04

Hitachi VSP G1x00, F1500, Gxx0, Fxx0			
Host Bus Adapters (FC-HBA)/Converged Network Adapters (CNA)			
Manufacturer	Models	Driver Versions	Notes
Emulex	LPe12000, LPe12002	Bundled	
Qlogic	QLE2560, QLE2562, QLE2564	Bundled v8.06.00.08-k	
HP	HP 556 FLR-SFP+	Bundled	
FC Switches			
Manufacturer	Models	Firmware Versions	Notes
Brocade	300, 5100, 5300, 7800, DCX, DCX-4s	v7.2.1c, v7.4.0 - v7.4.2a	support for Qlogic only. Submit ISR for all other HBAs Brocade FOS v8.0.0, and v8.1.0 are not supported.
	6505	v7.0.0 - v7.0.2e	
	G620, X6	v8.0.1 - v8.0.2c	
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(19)	
FCOE Switches (FCF mode)			
Manufacturer	Models	Firmware Versions	Notes
Brocade	8000	v7.1.2b	
Cisco	Nexus 5010-2232pp, 5020, 5548p, 5548up, 5548up-2232pp, 5596T-2232TM-E, 5596up	v5.2(1)N1(1) - 5.2(1)N1(9)	
10 Gbps iSCSI Storage Interface			
iSCSI Adapters			
Manufacturer	Models	Driver Versions	Notes
Any	10 GbE NIC	Bundled	VSP F1500, G1x00, F/Gxx0 only
Emulex	OCe11102	Bundled v10.6.0.3	VSP F1500, G1x00, F/Gxx0 only
Qlogic	QLE8242	Bundled	VSP F1500, G1x00, F/Gxx0 only
HP	HP 556 FLR-SFP+	Bundled	VSP F1500, G1x00, F/Gxx0 only
iSCSI Switches			
Manufacturer	Models	Firmware Versions	Notes
Any	Generic 10GigE Switch	Any 10GigE FW	VSP F1500, G1x00, F/Gxx0 only
Brocade	VDX 6740	v6.0.1a	VSP F1500, G1x00, F/Gxx0 only
	8000	v7.1.2b	VSP F1500, G1x00, F/Gxx0 only
Cisco	Nexus 6001p, 6001p-2248pq, 6001T, 6004	v7.3(0)N1(1) - v7.3(1)N1(1)	VSP F1500, G1x00, F/Gxx0 only