

# hp StorageWorks

## SR2122 Product Support Tables for the SAN Design Reference Guide

This document contains the latest support information for the hp StorageWorks SR2122 Storage Router.

Table 1 lists the supported B-Series Fibre Channel switch models and firmware.

Table 2 lists the supported C-Series Fibre Channel switch models and firmware.

Table 3 lists the supported M-Series Fibre Channel switch models and firmware.

Table 4 lists the supported storage models and firmware.

Table 5 lists ProLiant operating systems, network interface controllers and iSCSI drivers.

Table 6 lists software support.

**Table 1: B-Series Product Line, Supported Core and SAN FC Switches**

HP Switch Model	Compaq StorageWorks Switch Model	Firmware
Brocade 2400	SAN Switch 8	v2.6.1
Brocade 2800	SAN Switch 8-EL	
Surestore FC Switch 6164 (64 ISL Ports)	SAN Switch 16	
Surestore FC Switch 6164 (32 ISL Ports)	SAN Switch 16-EL	
	SAN Switch Integrated/32	
	SAN Switch Integrated/64	
Surestore FC 1Gb/2GbSwitch 16B	SAN Switch 2/8-EL	v3.1.1
	SAN Switch 2/16-EL	
	SAN Switch 2/16	
HP StorageWorks Core Switch 2/64		v4.1.1
HP StorageWorks SAN Switch 2/32		

**Table 2: C-Series Product Line, Supported FC Switches**

Switch Model	Firmware
Cisco MDS 9216	1.2.1a
Cisco MDS 9509	

**Table 3: M-Series Product Line, Supported Core and SAN FC Switches**

HP Switch Model	Compaq StorageWorks Switch Model	Firmware	Management Software
N/A	McDATA ES4500	V5.01.00 24	StorageWorks HA-Fabric Manager (HAFM) V07.01.00 build 9
	McDATA ES4500		
	McDATA ES4500		
SureStore FC64	SAN Director 64		
HP StorageWorks Edge Switch 2/16			
HP StorageWorks Edge Switch 2/24			
HP StorageWorks Edge Switch 2/32			
HP StorageWorks Director 2/64			
HP StorageWorks Director 2/140			

**Table 4: Storage Product Line, Supported Storage Arrays**

<b>Storage Arrays</b>	<b>Firmware</b>	<b>Windows 2000, 2003 iSCSI Initiators</b>	<b>Red Hat Linux iSCSI Initiator</b>
MSA1000	v2.38	HP 3.1.1, HP 3.1.3 Microsoft v1.0	V3.2.0.3
RA/MA8000, ESA/EMA12000, EMA16000 (HSG80)	ACS v8.6x, ACS v8.7x	HP 3.1.1, HP 3.1.3 Microsoft v1.0	V3.2.0.3
Enterprise Virtual Array (HSV110)	VCS v2.005	HP 3.1.1, HP 3.1.3 Microsoft v1.0	V3.2.0.3
Enterprise Virtual Array (HSV110)	VCS v3.00	HP 3.1.1, HP 3.1.3 Microsoft v1.0	V3.2.0.3
VA7100	HP 18	HP 3.1.1, HP 3.1.3 Microsoft iSCSI 1.01	V3.2.0.3
VA7400, VA7410	A100	HP 3.1.1, HP 3.1.3 Microsoft iSCSI 1.01	V3.2.0.3
XP128/1024	v21-05-23-00/00	HP 3.1.1, HP 3.1.3 Microsoft iSCSI 1.01	V3.2.0.3

**Table 5: ProLiant Operating Systems, Networks Interface Cards, iSCSI Driver**

Operating Systems <sup>1</sup>	Network Interface Controllers (NIC)	Minimum NIC driver	Compaq Network Teaming	iSCSI Driver
Microsoft Windows 2000 SP2 with either Microsoft hotfix Q302895 or Q248720 and Microsoft hotfix Q318271, SP3 MSCS Cluster with HP iSCSI initiator only	NC6136 Gigabit Server Adapter	v2.87.287.0 <sup>2</sup>	v7.20.720.86	HP v3.1.1, v3.1.3 Microsoft v1.0
	NC7131 Gigabit Server Adapter	v2.87.287.0 <sup>2</sup>	v7.20.720.86	HP v3.1.1, v3.1.3 Microsoft v1.0
	NC7770 PCI-X Gigabit Server Adapter	v7.10 Rev A	v7.20.720.86	HP v3.1.1, v3.1.3 Microsoft v1.0
	NC7781 GbE Blade Adapter	v2.90.0.0	v7.20.720.86	HP v3.1.1, v3.1.3
Red Hat Linux v7.3, 8.0 Red Hat Advanced Server 2.1	NC7131 Gigabit Server Adapter	O/S Default	No	v3.2.0.3 <sup>3</sup>
Windows 2003 MSCS Cluster with HP iSCSI initiator only	NC6136 Gigabit Server Adapter	v6.2.34.0	v7.30.730	HP v3.1.3 Microsoft v1.0
	NC7131 Gigabit Server Adapter	v6.2.34.0	v7.30.730	HP v3.1.3 Microsoft v1.0
	NC7770 PCI-X Gigabit Server Adapter	v6.2.34.0	v7.30.730	HP v3.1.3 Microsoft v1.0
	NC7781 GbE Blade Adapter	v6.2.34.0	v7.30.730	HP v3.1.3 Microsoft v1.0

1. Linux Clustering is not supported.
2. v3.63.363.0 is the Minimum NIC driver if Compaq Network Teaming is enabled.
3. Please refer to the following web site for the latest sources for the linux driver for the HP SR2122 iSCSI router:  
<http://sourceforge.net/projects/linux-iscsi>

**Table 6: Software Support**

Software Support	Version
Hp Stageteworks Secure Path for Windows <sup>1</sup> (Windows 2000)	V4.0A
Hp Stageteworks Secure Path for Windows <sup>1</sup> (Windows 2003)	V4.0B
Compaq Insight Manager 7	v3 SP2
HP OpenView Storage Area Manager (SAM)	v3.0

1. Secure Path is only supported with SR2122's in Standalone Mode. SR2122's in High Availability Mode (clustered) are not supported.