

Sun StorEdge™ SAN Foundation 2 Gb FC Switch-8 and Switch-16 Guide to Documentation

Note – For information on installation, configuration, and late breaking news, go to:

[http://www.sun.com/products-n-solutions/hardware/docs/
Network_Storage_Solutions/SAN/index.html](http://www.sun.com/products-n-solutions/hardware/docs/Network_Storage_Solutions/SAN/index.html)

Installation Overview

Installing the Hardware

You can find additional information about installing your switch in the documents included with the switch or the pertinent web site.

The following is an overview of the hardware tasks to install a Sun StorEdge Network 2 Gb FC Switch-8 and Switch-16.

1. **Read the *Sun StorEdge SAN Foundation Release Notes*.**

2. **Plan your configuration.**

The *Sun StorEdge SAN Foundation Configuration Guide* provides configuration parameters. It contains rules and instructions for configuring your system.

3. **Activate the switch.**

To activate the switch, read the switch activation chapter in the *Sun StorEdge SAN Foundation Installation Guide*. When you have activated the switch, you can install the software.

4. **Check to ensure you have the latest firmware installed.**

If not, contact your Sun Service Representative.

Installing the Software for the First Time

The following is an overview of the software tasks to install the Sun StorEdge SAN Foundation software.

1. **Read “Installing and Upgrading the Sun StorEdge SAN Foundation Kit Software,” in the *Sun StorEdge SAN Foundation Installation Guide*.**

Software installation of the Sun StorEdge SAN Foundation Kit requires installing software, patches, and firmware upgrades.

2. **Install the software using the installation script, `install_it`.**

The script can be downloaded from the www.sun.com/storage/san web site.

The script checks for adequate installation space and makes sure appropriate tools are in place. It then installs or upgrades the required software packages.

3. **If you are using the Solaris 8 Operating Environment with the Sun StorEdge Topology Reporter v1.0, install the packages for SNIA and FCSM. See “Installing and Upgrading the SAN,” in the *Sun StorEdge SAN Foundation Installation Guide*.**

If you are using the Solaris 9 Operating Environment, the packages are included in the automatic installation.

4. **If necessary, refer to the appendix, “Manual Installation of the Sun StorEdge SAN Foundation Kit Software.”**

5. **Install optional software.**

Upgrading the Existing Software

Upgrading existing Sun StorEdge SAN software is much the same as installing it for the first time.

1. **Read “Installing and Upgrading the Sun StorEdge SAN Foundation Kit Software” in the *Sun StorEdge SAN Foundation Installation Guide*.**
2. **Be sure you have access to the `install_it` script on the internet or on the CD.**
3. **Back up all data.**
4. **Install the Sun StorEdge SAN Foundation Kit software.**
The script automatically installs the appropriate software packages; it also downloads and applies the required patches. If you do not already have PatchPro installed, the script installs it.
5. **Upgrade your volume management software.**
Refer to the documentation that came with your software for instructions on where to find any upgrades and how to install them.
6. **If necessary, refer to the appendix, “Manual Upgrade of the Sun StorEdge SAN Foundation Kit Software” in the *Sun StorEdge SAN Foundation Installation Guide*.**

Configuring the System

1. **Read the *Sun StorEdge SAN Foundation Configuration Guide* for rules and instructions on configuring and managing your SAN.**
The configuration guide assumes you have already installed the hardware for your configuration and are ready to set up your SAN.
2. **Identify the zone and port requirements for hooking up the devices and hosts to the switches.**
For more details on setting the port type and zone configuration, see the documents that came with your switch.
3. **Configure the switch, using one of the methods in the *Sun StorEdge SAN Foundation Configuration Guide*.**
For more details see the documents that came with your switch.
4. **Be sure the hosts recognize the SAN devices.**

Related Documentation

The following documents can be found at:

[http://www.sun.com/products-n-solutions/hardware/docs/
Network_Storage_Solutions/SAN/index.html](http://www.sun.com/products-n-solutions/hardware/docs/Network_Storage_Solutions/SAN/index.html)

unless otherwise indicated.

Product	Application	Title	Part Number
Sun StorEdge Network SAN Foundation	Latest information	<i>Sun StorEdge SAN Foundation Release Notes</i>	817-0071
	Installation	<i>Sun StorEdge SAN Foundation Installation Guide</i>	817-0056
	Configurations	<i>Sun StorEdge SAN Foundation Configuration Guide</i>	817-0057
Switch-8 and Switch-16 hardware	Safety and Compliance	<i>Important Safety Information of Sun Hardware Systems</i>	816-7190
	FRU replacement	<i>Sun StorEdge Network 2 Gb FC Switch-8 and Switch-16 FRU Installation</i>	817-0064
	1 Gb FC Switch Information	<i>Sun StorEdge Network Switch-8 (SANbox-8) with E_Ports Installer's/User's Manual</i>	N/A ¹
		<i>Sun StorEdge Network Switch-16 (SANbox-16) with E_Ports Installer's/User Manual</i>	N/A ¹
		<i>Sun StorEdge Network Switch with E Ports Management Manual</i>	N/A ¹
		<i>Sun StorEdge Network FC Switch-8 and Switch-16 Release Notes</i>	816-0842
	2 Gb FC Switch Information	<i>Sun StorEdge Network 2Gb Switch-8 (SANbox2-8c) Installer's/User's Manual</i>	875-3364 ¹
		<i>Sun StorEdge Network 2Gb Switch-16 (SANbox2) Installer's/User's Manual</i>	875-3263 ¹
		<i>Sun StorEdge Network 2Gb Switch-8/16 (SANbox2) Management Manual</i>	875-3264 ¹
		<i>Sun StorEdge Network 2Gb FC Switch-8 and Switch-16 FRU Installation</i>	817-0064
	<i>Sun StorEdge Network 2 Gb FC Switch-8 and Switch-16 Release Notes</i>	817-0771	
Host Bus Adapters	Installation	<i>Sun StorEdge PCI Single Fibre Channel Network Adapter Installation Guide</i>	806-7532 ²
		<i>Sun StorEdge PCI Dual Fibre Channel Host Adapter Installation Guide</i>	806-4199 ²

Product	Application	Title	Part Number
		<i>Sun StorEdge CompactPCI Dual Fibre Channel Network Adapter Installation and User's Guide</i>	806-6991 ²
		<i>Sun StorEdge SBus Dual Fibre Channel Host Adapter Release Notes</i>	816-2490 ²
		<i>Sun StorEdge 2G FC PCI Single Channel Network Adapter Installation Guide</i>	816-4999 ²
		<i>Sun StorEdge 2G FC PCI Double Channel Network Adapter Installation Guide</i>	816-5001 ²
Tools	Sun StorEdge Traffic Manager Software	<i>Sun StorEdge Traffic Manager Software Installation and Configuration Guide</i>	816-1420 ³
	Diagnostics	<i>Storage Automated Diagnostic Environment User's Guide, Version 2.1</i>	816-5324 ⁴
	Sun Cluster	<i>Sun Cluster 3.0 Installation Guide</i>	806-1419 ⁴
	Veritas Volume Manager installation	<i>VERITAS Volume Manager 3.5 Installation Guide</i>	875-3165 ⁴
man pages	cfgadm utility	cfgadm_fp (1M)	N/A
	format utility	format (1M)	N/A
	luxadm utility	luxadm (1M)	N/A

1. Find these documents at:

http://www.sun.com/products-n-solutions/hardware/docs/Network_Storage_Solutions/SAN/index.html
→ Other Documentation.

2. This document can be found at:

http://www.sun.com/products-n-solutions/hardware/docs/Network_Storage_Solutions/Adapters/index.html

3. This document can be found at:

http://www.sun.com/products-n-solutions/hardware/docs/Software/Storage_Software/Sun_StorEdge_Traffic_Manager/

4. This document can also be obtained by contacting your Sun Service Representative.

Accessing Sun Documentation Online

A broad selection of Sun system documentation is located at:

<http://www.sun.com/products-n-solutions/hardware/docs>

A complete set of Solaris documentation and many other titles are located at:

<http://docs.sun.com>

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