Sun StorEdge™ SAN 4.0 Release Guide to Documentation

Information on Installation, Configuration, and Late Breaking News

http://www.sun.com/products-n-solutions/hardware/docs/Network_Storage_Solutions/SAN/

Installing Hardware

You can find additional information about installing your switch in the documents included on the switch CD or the pertinent website:

The following is an overview of the hardware tasks to install a Sun™ StorEdge™ Network FC 16-port switch.

1. **Read the** *Sun StorEdge SAN 4.0 Release Notes.*

2. **Plan your configuration.**
    The *Sun StorEdge SAN 4.0 Configuration Guide* provides sample configurations.

3. **Activate the switch.**
    To activate the switch, read the switch activation chapter in the *Sun StorEdge SAN 4.0 Installation Guide.* When you have activated the switch, you can install the software.

Installing Software for the First Time

The following is an overview of the software tasks to install the Sun StorEdge SAN 4.0 software.

1. **Read "Installing and Upgrading the SAN," in the** *Sun StorEdge SAN 4.0 Installation Guide.*
    Software installation of the Sun StorEdge SAN phase requires installing software, patches, and firmware upgrades. This chapter includes a list of software, patches, and firmware upgrades.

2. **Install the software using the installation script,** `install_it`**.**
    The script is on the Sun Download Center 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.
    The script installs and configures PatchPro2.0.1. The configuration of PatchPro2.0.1 is interactive, requiring a password to your system's Java™ keystore and your authorization to trust the Sun root digital certificates.
    The script uses PatchPro to download and apply the required patches to your system.
    If a previous version of a package is installed, the script removes the previous version and installs the more up-to-date one. If the current version of the package is installed, the script does not reinstall it.
    If, for any reason, the script fails, all the installed packages, except for PatchPro2.0.1, are removed.

3. **If necessary, refer to the appendix, "Installing a New SAN."**

4. **Install the Sun Storage Automated Diagnostic Environment 2.1 (SADE).**

5. **Install optional software.**

Upgrading 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 SAN," in the** *Sun StorEdge SAN 4.0 Release 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 4.0 software.**

   The script automatically installs the appropriate software packages; it also downloads and applies the required patches. If you do not already have PatchPro2.0.1 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, "Upgrading the SAN."**

Configuring the System

1. **Read the** *Sun StorEdge SAN 4.0 Release 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 the 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 4.0 Release Configuration Guide.*

   For more details see the documents that came with your switch.

4. **Be sure the hosts recognize the SAN devices.**

Troubleshooting

For diagnostics use Sun Storage Automated Diagnostic Environment (SADE) 2.0. The tool is available on the web.

Related Documentation

Application	Title	Part Number
Installation Information	*Sun StorEdge SAN 4.0 Release Installation Guide*	816-4469-10
Configuration	*Sun StorEdge SAN 4.0 Release Configuration Guide*	816-0830-10
Safety & Compliance	*Sun StorEdge SAN 4.0 Release Safety and Compliance Manual*	816-5246-10
Latest Information	*Sun StorEdge SAN 4.0 Release Notes*	816-4472-10
Sun StorEdge T3+ Array/Switch	*Sun StorEdge T3+ Array 2.1 Firmware Release Notes*	816-4771-10
Installation	*Sun StorEdge T3+ Array Start Here*	816-4768-10
Installation	*Sun StorEdge T3+ Array Installation and Configuration Manual*	816-4769-10
User's Information	*Sun StorEdge T3+ Array Administrator's Guide*	816-4770-10
Upgrade Information	*Sun StorEdge T3+Array Disk Tray Installation Task Map*	816-4775-10
Installer/User's information—1Gb switch	*SANbox-16STD Fibre Channel Switch Installer's/User's Manual*	875-3141-10
Installer/User's Information—2Gb switch	*SANbox2 Switch Management User's Manual*	
Installer/User's Information—2 Gb switch	*SANbox2-16 Installer's/User's Manual*	
Installer/User's Information—1Gb switch	*SANbox 8/16 Switch Management User's Manual*	875-3143-10
Information on past releases—1Gb switch	*Sun StorEdge Network FC Switch-8 and Switch-16 Release Notes[1]*	816-0842-10

Application	Title	Part Number
Latest Information	*Brocade Fabric OS v 3.0 Release Notes*	
Reference Information	*Brocade Fabric OS Reference Manual Version 3.0*	53-0000127-03
Reference Information	*Brocade SilkWork®3800 Hardware Reference Guide*	53-0001576-03
User's Information	*Brocade ZONING User's Guide Version 3.0*	53-0000135-03
User's Information	*Brocade WEB TOOLs User's Guide Version 3.0*	53-0000130-03
Installation Information	*Sun StorEdge PCI Single Fibre Channel Network Adapter Installation Guide*	806-7532-10
Installation Information	*Sun StorEdge PCI Dual Fibre Channel Network Adapter Installation Guide*	806-4199-10
Installation Information	*Sun StorEdge CPCI Dual Fibre Channel Network Adapter Installation Guide*	806-6991-10
Installation Information	*Sun StorEdge SBus Dual Fibre Channel Host Bus Adapter*	816-2490-10
Installation Information	*Sun StorEdge 2G FC PCI Single Channel Network Adapter Installation Guide*	816-4999-10
Installation Information	*Sun StorEdge 2G FC PCI Dual Channel Network Adapter Installation Guide*	806-5001-10
Traffic Management	*Sun StorEdge Traffic Manager Installation and Configuration Guide*	816-1420-10
Rackmount information Online	*Rackmount Placement Matrix*	805-4748-xx
Sun Cluster 3.0	*Sun Cluster 3.0 Installation Guide*	806-1419-10
Volume management	*VERITAS Volume Manager 3.2 Installation Guide (Solaris)*	875-3165-11
RAID software	*RAID Manager 6.22 User's Guide*	806-0478-10

Application	Title	Part Number
cfgadm utility	*cfgadm_fp (1M)*	
luxadmutility	*luxadm (1M)*	
Diagnostics	*Sun Storage Automated Diagnostic Environment (SADE) User's Guide*	816-3142-10

Accessing Sun Documentation Online

A broad selection of Sun system documentation is located at:

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http://www.sun.com/products-n-solutions/hardware/docs
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A complete set of Solaris documentation and many other titles are located at:

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http://docs.sun.com
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