



Sun StorEdge™ Network 2 Gb Brocade SilkWorm 3200, 3800, and 12000 Core Fabric Release Notes

Sun Microsystems, Inc.
4150 Network Circle
Santa Clara, CA 95054 U.S.A.
650-960-1300

Part No. 817-0771-11
February 2003, Revision A

Send comments about this document to: docfeedback@sun.com

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Release Notes

This document covers the following topics:

- “Features In This Release” on page 1
- “Product Changes” on page 1
- “System Requirements” on page 2
- “Known Issues and Bugs” on page 4
- “Resolved Issues and Bugs” on page 5
- “Release Documentation” on page 5
- “Service Contact Information” on page 5

Features In This Release

See the documentation from Brocade for details.

Product Changes

See the documentation from Brocade for details.

System Requirements

This section covers the following topics:

- “Software Requirements” on page 2
- “Supported Hardware” on page 3

Software Requirements

This section lists the latest software requirements.

Basic Software Requirements

- Solaris operating environment (OE) 8 Update 4 or later with the latest security patches
- Solaris OE 9
- Sun StorEdge SAN Foundation Kit packages and patches for the Sun StorEdge SAN 4.1 release

Brocade Management Software Requirements

- Netscape 4.77 (or later)
- Java™ Runtime Environment 1.2.2_07 (or later)
- Java plug-in 1.2.2_02 or 1.3.1_04 (or later)

Note – Refer to the firmware Release Notes at the Brocade web site for information about the latest revisions to the above software at <http://www.brocade.com> and click “partner login” at the top menu bar (a member ID and password are required; otherwise contact your Sun service representative).

Supported Hardware

The following sections list the hardware tested and supported on the Brocade switches in this release. This section covers servers, host bus adapters, switches and storage devices.

Servers

- Sun Enterprise™ 3500, 4500, 5500, and 6500 servers
- Sun Enterprise 220R, 250, 420R, 450, 10000, workgroup servers
- Sun Fire™ 280, 280R, 480, V880, 3800, 4810, 6800, 12000, 15000 servers

Host Bus Adapters

- Sun StorEdge PCI Single Fibre Channel Network Adapter, FCode: 1.13
- Sun StorEdge PCI Dual Fibre Channel Network Adapter+, FCode: 1.13
- Sun StorEdge SBus Dual Fibre Channel Host Adapter, FCode: 1.13.07
- Sun StorEdge cPCI Dual Fibre Channel Network Adapter, FCode: 1.13
- Sun StorEdge 2G FC PCI Single Channel Network Adapter, FCode: 1.13.08
- Sun StorEdge 2G FC PCI Dual Channel Network Adapter, FCode: 1.13.08

Switches

- Brocade SilkWorm 3200 / 3800, firmware: 3.0.2j
- Brocade SilkWorm 12000, firmware: 4.0.0e

Storage Devices

- Sun StorEdge T3 Enterprise and Workgroup Configuration array, firmware: 1.18
- Sun StorEdge T3+ Enterprise and Workgroup configuration array, firmware: 2.01.01
- Sun StorEdge 39x0 storage series, firmware: 2.01.01
- Sun StorEdge 69x0 storage series, Service Process Image 2.1.2
- Sun StorEdge 9910/9960 storage series, microcode version: 01-17-94-00/11
- Sun StorEdge 9970/9980 storage series, microcode version: 21-01-24-00/00

Known Issues and Bugs

This section covers known issues not tied to bugs as well as bugs discovered in testing at Sun on the switch.

Known Issues

No known issues were reported from Sun testing.

Bugs

Bugs are listed sequentially by number. Priority and severity of the bugs is indicated by the (P/S) designation, where 1 indicates the highest priority or severity and 5 indicates the lowest.

- **Bug 4650534 (P3/S3):** Brocade switches do not report overheating above 40 degrees C.

Brocade switches do not report overheating when the switch internal temperature exceeds 40 degrees C.

Workaround: Use the Fabric Watch graphical user interface (GUI) to lower the maximum temperature threshold.

- **Bug 4753552 (P3/S4):** The Brocade SilkWorm 3800 port type changes from F-port to G-port during prolonged I/O and fault injection.

Some ports on the Brocade SilkWorm 3800 do not return to an F-port setting after multiple fault injections. As a result, the host loses access to the storage unit on these ports.

Workaround: Avoid lengthy, multiple fault injection tests. If a port becomes a G-port, disable the port with the `portdisable` command followed by the `portenable` command to bring it back online.

- **Bug 4772311 (P2/S3):** SNMP does not always report fan failure.

When you replace a fan unit, SNMP does not reset the trap used to report fan failure. When the next fan failure event occurs, SNMP only sends a single event to indicate something has failed.

Workaround: Reboot the switch after a fan replacement to clear the SNMP trap. Otherwise, use the GUI to isolate the faulty fan when SNMP reports something has failed.

Resolved Issues and Bugs

See the following documents for details:

- *Brocade Fabric OS Release Notes Version 4.0.0e*
- *Brocade Fabric OS Release Notes Version 3.0.2j Patch Release Note*

Release Documentation

For a complete list of complementary documentation to these product notes, see the *Sun StorEdge SAN Foundation 2 Gb Brocade SilkWorm Switch Guide to Documentation*, part number 817-0062.

For instructions on where and how to download Sun StorEdge SAN Foundation Kit driver packages and patches required to run the switches with supported hardware from Sun, see the *Sun StorEdge SAN Foundation Release Notes*, part number 817-0071.

You can also find more Sun Network Storage documentation at:

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

Service Contact Information

If you need help installing or using this product, call 1-800-USA-4SUN, or go to:

`http://www.sun.com/service/contacting/index.html`

