



Brocade Fabric OS Version 3.2.1a Release Notes

For Brocade Switches in a Sun SAN

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Brocade Fabric OS Version 3.2.1a

Release Notes

This document contains important information about the Brocade firmware Version 3.2.1a patch number 115360-06, which is used with the SilkWorm 3200 and 3800 switches.

Read this document so that you are aware of issues or requirements that can affect the installation and operation of Brocade firmware Version 3.2.1a in a Sun Storage Area Network (SAN).

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This document contains the following sections:

- [“Features in This Release” on page 2](#)
- [“Supported Software” on page 2](#)
- [“Downloading and Installing the Firmware” on page 4](#)
- [“Resolved Issues and Bugs” on page 5](#)
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Features in This Release

For a list of the new features introduced in this firmware patch, refer to the Brocade document *Brocade Fabric OS V3.2.1a Release Notes V1.0*, available with patch 115360-06. For instructions on downloading this firmware patch, see [“To Download and Install Brocade Firmware Version 3.2.1a patch number 115360-06” on page 5](#).

Note – The Brocade Release Notes are also available from Brocade online at <http://www.brocadeconnect.com/index.jsp>.

A login is required, but registration is free with a valid Brocade switch World Wide Name (WWN).

Supported Software

This section lists the host operating systems, management software, and fabric operating systems supported by Brocade firmware Version 3.2.1a.

Host Operating Systems

The following operating systems running on hosts on the SAN are compatible with Brocade firmware Version 3.2.1a:

Solaris

- Solaris™ 8 Operating System (Solaris OS) 04/01 with the latest security patches
- Solaris 9 OS
- Solaris 10 for SPARC
- Solaris 10 for x64/x86

Linux

- Red Hat Enterprise Linux 3.0 OS (IA32, AMD64)

- Red Hat Enterprise Linux 4.0 OS (IA32, AMD64)
- SuSE Linux Enterprise Server 8 OS (IA32, AMD64)
- SuSE Linux Enterprise Server 9 OS (IA32, AMD64)

Microsoft Windows

- Windows Server 2000 (IA32)
- Windows Server 2003 (IA32, AMD64)

SAN Foundation

- Sun StorageTek™ SAN Foundation software, minimum 4.4.6 release

Brocade Management Software

The following management software is compatible with Brocade firmware Version 3.2.1a:

- Advanced WebTool v.5.0.1 - requires Mozilla™ 1.6
- Java™ Plug-in 1.4.2 (minimum version)
- Fabric Manager v.5.0
- Application programming interface (API)
- Telnet and Simple Network Management Protocol (SNMP) management access

Fabric OS (Switch Firmware) Requirements

TABLE 1 summarizes the versions of the Brocade Fabric OS that are supported in conjunction with this release. Use the current software release versions to optimize the benefits of a SAN.

TABLE 1 Minimum Brocade Fabric OS Requirements

Description	SilkWorm 2000 Series	SilkWorm 3200 and 3800	SilkWorm 3250, 3850, 3900 and 24000	SilkWorm 4100	SilkWorm 200E, 4900 and 48000	SilkWorm 12000	Brocade Fabric Manager
General compatibility	2.6.1	3.2.1a	4.1.0	4.4.0b	5.0.1a	4.1.0	5.0
With secure fabric enabled	2.6.1	3.2.1a	4.1.0	4.4.0b	5.0.1a	4.1.0	5.0
Recommended software versions	2.6.2	3.2.1a	5.1.0a	5.1.0a	5.1.0a	5.0.4a	5.0

Note – SilkWorm 3250, 3850, and 24000 are supported by Fabric OS V4.2.0 or later.
SilkWorm 3250, 3850, and 24000 are supported by Fabric Manager 4.1.1 or later.
SilkWorm 3900 is supported by Fabric OS V4.1.0 or later.
SilkWorm 4100 is supported by Fabric Manager 4.4.0 or later.
SilkWorm 4900 is supported by Fabric OS V5.1.0a or later.
SilkWorm 200E and 48000 are supported by Fabric Manager 5.0 or later.

Downloading and Installing the Firmware

This section provides instructions for downloading and installing Brocade firmware Version 3.2.1a patch number 115360-06.

▼ To Download and Install Brocade Firmware Version 3.2.1a patch number 115360-06

Use the following procedure to retrieve Brocade firmware Version 3.2.1a patch number 115360-06.

1. Access the SunSolve web site at:

<http://sunsolve.sun.com>

2. Accept the terms and conditions of the license agreement.

3. Click Patches and Updates under the Support category.

4. Under PatchFinder, type the patch ID and click Find Patch.

Do not type the -xx revision number. PatchFinder automatically finds the latest patch.

5. Verify that you have retrieved the correct patch.

6. Print the page by doing one of the following:

- Print the page as it is displayed.
- Click Printer Friendly Page, and then print the page.

Note – Printing this page also prints the patch README file, which contains the installation instructions, special instructions, special guidelines, and notes.

7. Download the patch by clicking on either HTTP or FTP in the following line:

Download Patch (*nn,nnn,nnn* bytes) HTTP FTP

8. When you have finished downloading the patch, install the patch by following the instructions in the patch README file.

Resolved Issues and Bugs

The following bugs have been resolved since the last firmware release.

- Bug - 6336972 - Brocade 3800/3200 can incorrectly route frames causing loss of storage access.

Related Documentation

The Brocade Release Notes are available from Brocade online at <http://www.brocadeconnect.com/index.jsp>.

A login is required, but registration is free with a valid Brocade switch World Wide Name (WWN).

Service Contact Information

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

<http://www.sun.com/service/contacting/index.html>