



Firmware Version E/OSc 9.1 Release Notes

For McDATA Switches in a Sun SAN

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Firmware Version E/OSc 9.1 Release Notes

This document contains important information about the Firmware Version E/OSc 9.1, which is used with the following:

- McDATA Sphereon 4300 Fabric Switch
- McDATA Sphereon 4400 Fabric Switch
- McDATA Sphereon 4500 Fabric Switch
- McDATA Sphereon 4700 Fabric Switch
- McDATA Intrepid 6064 Director
- McDATA Intrepid 6140 Director

Read this document so that you are aware of issues or requirements that can affect the installation and operation of the Firmware Version E/OSc 9.1 in a Sun storage area network (SAN).

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This document contains the following sections:

- [“Features in This Release” on page 2](#)
- [“Switch Firmware Requirements” on page 2](#)
- [“Downloading and Installing the Patches” on page 3](#)
- [“Known Issues and Bugs” on page 4](#)
- [“Related Documentation” on page 5](#)
- [“Service Contact Information” on page 5](#)

Features in This Release

For a list of the new features introduced in this release, refer to the McDATA document *McDATA E/OSc 9.1 Software Release Notes*, available with the Sun patch 122187-02. For instructions on downloading the patch, see [“To Download and Install Firmware Version E/OSc 9.1” on page 4](#).

Note – The *McDATA E/OSc 9.1 Software Release Notes* are also available from McDATA online at <http://www.mcddata.com>.

Switch Firmware Requirements

Other McDATA products in the same fabric as E/OSc version 9.1 must be at a minimum revision level for proper fabric operation. The minimum firmware levels are listed below, but it is recommended that you upgrade to the latest shipping versions of each release (check with McDATA Customer Support for latest version).

- All E/OSc-based products: Minimum version should be 8.x.
- Intrepid 10000 Director: Minimum version should be E/OSn 6.1

Although products may co-exist in a fabric running different levels of E/OSc firmware, all products must be at the same major functional release level for optimum fabric stability and robustness.

Supported Host Operating Systems

This section lists the latest host software supported by this firmware version.

- Solaris™ 8 Operating System (OS) 04/01 with the latest security patches
- Solaris 9 OS
- Solaris 10 for SPARC®
- Solaris 10 for x64/x86
- 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)
 - Windows Server 2000 (IA32)
 - Windows Server 2003 (IA32, AMD64)
-

Supported Management Software

This firmware supports the following management software:

- McDATA EFCM Standard version 9.0 minimum
- McDATA EFCM Basic (browser-based)
- Sun StorageTek™ SAN Foundation software, minimum 4.4.9 release
- Any of the following web browsers:
 - Netscape™ Communicator, version 7 or higher
 - Mozilla, version 1.7 minimum
 - Microsoft Internet Explorer™, version 6 or higher

Note – When using the Mozilla browser, a warning screen will appear stating that use of this browser will not work properly. Although there are no known issues when using Mozilla, it has not been formally tested with EFCM Basic. If you continue to experience problems with Mozilla, try the operation again using Netscape 7.0 (or higher) or Internet Explorer 6.0 (or higher).

Downloading and Installing the Patches

This section provides instructions for downloading and installing patch 122187-02 for Firmware Version E/OSc 9.1.

▼ To Download and Install Firmware Version E/OSc 9.1

Use the following procedure to retrieve the patches for your OS and the patch for E/OSc version 9.1.

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, 122187, 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 README file that contains installation instructions and any special guidelines.**
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.**

Known Issues and Bugs

The following bug has been reported against this firmware release.

EFCM Basic (embedded web server) could take up to 12 minutes to complete an upgrade from E/OSc 8.02.00 to E/OSc 9.01.00. (McDATA PR 79452)

Note – Refer to the *McDATA E/OSc 9.1 Software Release Notes*, available at www.mcdata.com, for more information on known issues and bugs.

Related Documentation

For other information regarding the Firmware Version E/OSc 9.1, refer to the following files:

- The *McDATA E/OSc 9.1 Software Release Notes*, available at www.mcdata.com or with the patch 122187-02. For more information, see “[To Download and Install Firmware Version E/OSc 9.1](#)” on page 4.

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>

