



Firmware Version E/OSn 9.1 Release Notes

For McDATA Switches in a Sun SAN

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Firmware Version E/OSn 9.1 Release Notes

This document contains important information about the firmware version 9.1, which is used with the McDATA Intrepid 10000 Director.

Read this document so that you are aware of issues or requirements that can impact the installation and operation of the McDATA Intrepid 10000 Director 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 Patches” on page 3](#)
- [“Known Issues and Bugs” on page 4](#)
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Features in This Release

For a list of the new features introduced in firmware version 9.1, refer to the McDATA document *E/OSn 9.1 Software Release Notes*, available with the Sun patch 122186-02. For instructions on downloading the patch, see [“To Download and Install the Patches” on page 4](#).

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

SWX and LMQ Support

This release of the firmware supports the SWX Switch Card and LMQ 4-Gbps Line Module for the Intrepid 10000 Director.

Note – The Intrepid 10000 Director must be running E/OSn 9.1 prior to installation of SWX or LMQ hardware.

Switch Firmware Requirements

Firmware version E/OSn 9.1 is the minimum firmware version for the McDATA Intrepid 10000 Director. For other switches in the fabric, the minimum EOS firmware version is E/OSc 9.1.

Upgrade any McDATA Intrepid 10000 Directors to firmware version E/OSn 9.1, using the upgrade process described in the patch, available from <http://sunsolve.sun.com>.

Supported Host Software

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

Basic Operating System Requirements

Solaris

- Solaris™ 8 Operating System (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 4.4.9 release

McDATA Management Software Requirements

This firmware supports the following switch management software:

- McDATA EFCM 9.0 minimum
- One of the following web browsers:
 - Netscape™ Communicator, version 7 minimum
 - Mozilla™, version 1.4 minimum
 - Microsoft Internet Explorer, version 4 minimum

Downloading and Installing Patches

This section provides instructions for downloading and installing patch 122186-02 for Firmware Version E/OSn 9.1 patch, used with the McDATA Intrepid 10000 directors.



Caution – Do not use Internet Explorer version 5.00.3315.1000x. This version could cause the firmware downloads to fail.

▼ To Download and Install the Patches

Use the following procedure to retrieve the patches for your OS and the patch for the 9.1 firmware.

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. For each patch that you want to download, following these steps:

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

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

b. Verify that you have retrieved the correct patch.

c. 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.

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

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

e. When you have finished downloading all the patches, install the patches by following the instructions in each patch README file.

Known Issues and Bugs

The following bug has been reported against this firmware release.

After a power cycle, port names, blocked ports, and allow/prohibit matrix entries are reset to default.

Workaround - Enable the `Active=Saved` option, using either of these methods:

- If you are using the command-line interface, set the parameter using the `FICON activeEqualsSaved active` command. Sun recommends this method for an Open Systems Environment.
- If you are using EFCM, select the `FICON Management Style` from the Element Manager.

Note – This activity can be done regardless of whether the FMS key is installed.

a. **Select** `Product > Management Style`.

A dialog box displays a choice of `Open Systems` or `FICON`.

b. **Select** `FICON`.

c. **Go to** `Configure allow/prohibit matrix`.

d. **Select** `active`.

Note – For more information, see the McDATA Customer Advisory Letter at: http://mcdata.com/downloads/tpub/caletter/CAL-0015_Port_Names_reset_on_i10K.pdf

Related Documentation

For other information regarding the McDATA Intrepid 10000 Director, refer to the following documents:

- The Sun document *McDATA Intrepid 10000 Director Hardware Release Notes*, part number 819-7984-10, available at <http://docs.sun.com>.
- The McDATA document *E/OSn 9.1 Software Release Notes*, available with the 9.1 patch. For more information, see [“To Download and Install the Patches” on page 4](#).

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

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>