Sun StorEdge™ Network 2 Gb McDATA Sphereon Switches FRU Installation Note

Note – Read and perform the procedures in this document before you install a Sun StorEdge 2 Gb McDATA Sphereon switch field-replaceable unit (FRU).

⚠ **Caution –** Before you install this Sun StorEdge 2 Gb McDATA Sphereon switch FRU, use the following procedure to confirm that the firmware version of the FRU matches the firmware version of the Sun StorEdge 2 Gb McDATA Sphereon switch it is replacing.

▼ To Confirm the Compatibility Between the Existing Switch Firmware and the New Switch FRU Firmware

Note – If the switch is not functional, choose one of the following:
- 4300—See the firmware version in the data records on file.
- 4500—See the firmware version in the data records on file, or open the Firmware Library of the Enterprise Fabric Connectivity (EFC) Manager. See the *McDATA Enterprise Fabric Connectivity Manager User Manual,* part number 620-005001.

1. **Telnet to the installed switch.**

    a. **If required, connect an Ethernet cable between the switch and your workstation (the host).**

    b. **Open a command-line window.**

c. **Establish a Telnet session to the switch.**

```
# telnet switch-IP-address
```

d. **Log in to the switch.**

```
Username: Administrator
Password: password
```

2. **Use the** `show system` **command to display the firmware version.**
   In the following example, the firmware version is 06.01.00 24.

```
Root> show system
System Information
Name:               san40-73
Description:        Fibre Channel Switch
Contact:            Diego Rendon
Location:           NKW 16 Lab # 1200
Date/Time:          08/06/2003 16:35:04
Serial Number:      T2010175
Type Number:        004500
Model Name:         Sphereon 4500
Model Number:       001
EC Level:           1030328
Firmware Version:   06.01.00 24
Beaconing:          Disabled
Root> logout
#
```

3. **Compare the firmware version of the installed switch to the new switch FRU firmware.**
   The firmware version of the FRU switch is shown on the face of the CD label that is contained in the shipping kit.

▼ To Remove and Replace the Switch

Refer to one of the following:

- *McDATA Sphereon 4300 Fabric Switch Installation and Service Manual*, part number 620-000171
- *McDATA Sphereon 4500 Fabric Switch Installation and Service Manual*, part number 620-000159

These manuals are on the original product CD.

▼ To Verify the New Switch Firmware Version

1. **Establish a Telnet session to the new switch.**

   a. **Connect an Ethernet cable between the new switch and your workstation.**

   b. **Open a command-line window.**

   c. **Establish a Telnet session to the default IP address for a new switch.**
   Refer to the appropriate installation and service manual.

   ```
   # telnet switch-default-IP-address
   ```

   d. **Log in to the new switch.**

   ```
   Username: Administrator
   Password: password
   ```

2. **Use the** `show system` **command to read the firmware version.**
   See step 2 under "To Confirm the Compatibility Between the Existing Switch Firmware and the New Switch FRU Firmware" on page 1.

   If the new switch firmware does not match that of the original, download the firmware by referring to the appropriate Release Notes:

   - *Sun StorEdge Network 2 Gb McDATA Sphereon 4300 and 4500 Switches and Intrepid 6064 and 6140 Directors Release Notes, 6.01.00 Firmware*, part number 817-5650
   - *Sun StorEdge Network 2 Gb McDATA Sphereon 4500 Switch and Intrepid 6064 and 6140 Directors Release Notes, 5.01.00 Firmware*, part number 817-3809
   - *Sun StorEdge Network 2 Gb McDATA Sphereon 4500 Switch Release Notes,* part number 817-2258
   - *Sun StorEdge Network 2 Gb McDATA Sphereon 4300 Switch Release Notes,* part number 817-3635

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