
Bridge Administration

The **Bridge Administration** page allows you to configure the hardware and software settings for each FC420 bridge (listed in the tables on the **Bridge Status** page). Access the **Bridge Administration** page using the link provided in the Navigation frame. Under **Fibre Channel Management**, click **Bridge Administration**. The Management frame displays the **Bridge Administration** page (see [figure 26](#)).

Note: If a dialog box appears requesting your user name and password, enter the information and click **OK**.

The hardware and software settings for each FC420 bridge are:

- **Set Fibre Channel Data Rate** – configures the data transfer rate at which the bridge will operate. The options are 1 Gb per second, 2 Gb per second, or Auto-negotiated (takes effect after a reboot).
- **Set Fibre Channel Loop ID** – configures a hard addressing (0 - 125) or soft addressing (255) for the Loop ID during initialization (takes effect after a reboot).
- **Reboot Bridge** – allows you to reboot one or all bridges. A bridge takes approximately 30 seconds to reboot.
- **Upload New Bridge Firmware** – installs new bridge firmware to one bridge or all bridges. It takes approximately 60 seconds to upload new bridge firmware. The bridge(s) are automatically rebooted. The new firmware becomes active after the reboot.

Figure 26 Bridge Administration Page

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LAN
Prism Management Card

Prism Home
PMIC Server Management
ALERT SNMP
ALERT E-mail
ALERT Library Management
Fibre Channel Management
Route Status
Bridge Status
Bridge Administration
Help

Fibre Channel Bridge Administration

Set Fibre Channel Data Rate

Bridge:
Mode:

Note: The new Data Rate will not take effect until the bridge is rebooted.

Set Fibre Channel Loop ID

Bridge:
Loop ID:

Note: The new Loop ID will not take effect until the bridge is rebooted.

Upload New Bridge Firmware

Bridge:
Firmware Image:

Note: It will take approximately 3 minutes to upload firmware to a bridge. The new firmware will take effect immediately (bridge is automatically rebooted).

Reboot Bridge

Bridge:

Note: It will take approximately 90 seconds to reboot a bridge.

Setting the Fibre Channel Data Rate

To configure the Fibre Channel data rate:

- 1 Access the **Bridge Administration** page.
In the Navigation frame, under **Fibre Channel Management**, click **Bridge Administration**.
- 2 Under **Set Fibre Channel Data Rate**, select a bridge from the **Bridge** pull-down list.
- 3 Select a data rate from the **Data Rate** pull-down list.

The data rate types include:

- **Auto Negotiate**
- **1 Gb**
- **2 Gb**

- 4 Click **Apply**.

A **Results** page displays indicating the data rate was configured.

Note: Reboot the FC420 bridge to utilize the new connection mode (see [Rebooting a Bridge](#)).

Setting the Fibre Channel Loop ID

To configure the Fibre Channel loop ID:

- 1 Access the **Bridge Administration** page.
In the Navigation frame, under **Fibre Channel Management**, click **Bridge Administration**.
- 2 Under **Set Fibre Channel Loop ID**, select a bridge from the **Bridge** pull-down list.
- 3 Enter the desired **Loop ID** for the selected bridge.

Note: Enter a number between 0 - 125 for hard addressing to the Fibre port. To disable hard addressing and use soft addressing to the Fibre port, enter 255.

- 4 Click **Apply**.

A **Results** page appears indicating the loop ID was configured.

Note: Reboot the FC420 bridge to utilize the new connection mode.

Rebooting a Bridge

To reboot one or all bridges:

- 1 Access the **Bridge Administration** page.
In the Navigation frame, under **Fibre Channel Management**, click **Bridge Administration**.
- 2 Select a specific bridge or **All** from the **Bridge** pull-down list.
- 3 Click **OK**.

Note: The bridge takes approximately 30 seconds to reboot.

Uploading Bridge Firmware

To upload bridge firmware:

- 1 Access the **Bridge Administration** page.
In the Navigation frame, under **Fibre Channel Management**, click **Bridge Administration**.
- 2 Select a specific bridge or **All** from the **Bridge** pull-down list.
- 3 Enter the name of the firmware image file or click the Browse button to select the firmware image file.
- 4 Click **OK**.
A **Results** page displays indicating the file was uploaded successfully.