



Update Firmware Version 3.92a2

HBAnyware Procedure

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Introduction

Updating firmware using HBAnyware involves performing the following steps:

1. Decide which firmware file to use.
2. Load the firmware package using HBAnyware version 1.0a8.

If you loaded the firmware package containing boot code, refer to the boot code Update Manual to enable boot code on the adapter. This procedure loads boot code on the adapter and enables boot code on the system.

Firmware File Types

A list of files is provided when you download your new firmware or in the firmware package readme.txt file.

.dwc and .awc Files

- **.dwc - preferred** Does not include POST code. If the update process is interrupted (such as by a power outage), the POST code is not affected and the download process can be retried.
- **.awc** - Includes POST code. If the update process is interrupted (such as by a power outage) during the POST code update, you may have to return the HBA to Emulex for repair.

The readme file that accompanies the firmware package indicates situations in which you must update the firmware with the .awc file.

Boot Code

Firmware is bundled with or without boot code. Boot code allows you to designate a Fibre Channel drive as the boot drive. If the adapter's devices will be used to boot the system, it is recommended that you use the firmware package that includes boot code. The update procedure will load both the new firmware and boot code at the same time. After updating, refer to the boot code manuals for procedures on enabling the boot code on your adapter.

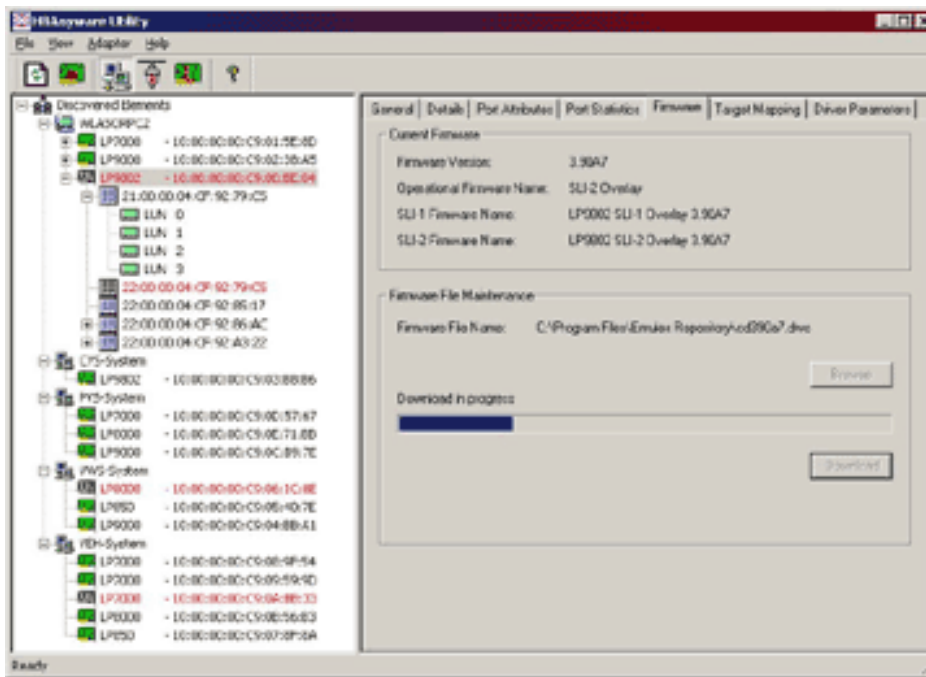
Load Firmware Using HBAnyware

Prerequisites

- One of the following drivers is installed properly:
 - SCSIport Miniport driver for Windows Server 2003, Windows 2000 or Windows NT
 - Storport Miniport driver for Windows Server 2003
 - FC Port driver for Windows Server 2003, Windows 2000 or Windows NT
 - Emulex driver for Solaris
 - Emulex driver for Linux
- HBAnyware has been installed properly.
- The firmware file has been downloaded from the Emulex Web site to the Emulex Repository folder (RMRepository). This folder is in the Program Files folder.
- The firmware file has been extracted into the Emulex Repository folder.

Loading Procedure

1. Start HBAnyware.
2. In the discovery tree (left pane), click the adapter to which you want to load the firmware.
3. In the property tabs (right pane), select the Firmware tab.



4. On the Firmware tab, click the Browse button. The Select Firmware File browse window is displayed.
5. Browse to the Emulex Repository. Select the firmware file to download and click OK. A status bar displays the progress of the download. During this time the host bus adapter (or adapters) in the discovery tree is displayed in red text, indicating that it is offline. It is displayed in black text when the update is complete.

If you are updating the firmware on a dual-channel HBA, repeat steps 2 through 5 to update the firmware on the second port.

Current Firmware Field Descriptions

Firmware Version - the Emulex firmware version number for this model of HBA.

Operational Firmware Name - if visible, the name of the firmware that is operational.

SLI-1 Firmware Name - the name of the SLI-1 firmware overlay.

SLI-2 Firmware Name - the name of the SLI-2 firmware overlay.

Note If the state of the boot code message on the board has changed, this change will be reflected immediately on the Details tab.