

## Black Box ServSelect IP Upgrading Firmware

You can upgrade the firmware for either the appliance or the SAM adaptors. The SAM adaptors can be upgraded individually or simultaneously. When an upgrade is initiated, a message will display the current status. As long as an upgrade is in progress, you cannot initiate another.

### Viewing appliance version information

When you select the Version category for the first time, the AMP will retrieve the firmware versions from the selected appliance. The Hardware sub-category displays the version information for the unit itself. The SAMs sub-category allows you to view and upgrade all of the SAM adaptors in the system.

#### To upgrade appliance firmware:

1. Click the *Tools* tab in the AMP. The Tools dialog box appears.
2. Click the *Upgrade Appliance Firmware* button. The Firmware Upgrade dialog box appears. Type in the TFTP (Trivial File Transfer Protocol) server IP address where the firmware is located as well as the firmware filename (the full pathname).
3. Click the *Upgrade* button. The Upgrade button dims and a progress message appears.
4. When the upgrade is complete, a message appears, prompting you to confirm a reboot. The new firmware will not be used until the switch reboots. Click *Yes* to reboot the appliance. The Upgrade Firmware dialog box will display a progress message including a message that the reboot is complete.  
-or- Click *No* to reboot at a later time. You must reboot to use the new firmware.
5. Click *Close* to exit the Upgrade Firmware dialog box.

**CAUTION:** Do not turn off the ServSelect IP while it is rebooting. We recommend that you keep the ServSelect IP on an uninterruptible power supply; if it loses power while rebooting with new firmware, you might need to return it.

#### To simultaneously upgrade multiple Server Access Module adaptors:

1. Click the *Tools* tab in the AMP. The Tools dialog box appears.
2. Click the *Upgrade Service Access Module Firmware* button. The Upgrade SAM Firmware dialog box appears.
3. Click the checkboxes in front of each type of SAM adaptor to upgrade.
4. Click *Upgrade*. The Upgrade button dims. The Status column will display either In Progress or Succeeded, depending on the status of each SAM upgrade. A Firmware upgrade currently in progress message displays until all of the selected SAM adaptor types are upgraded.
5. When complete, a message appears prompting you to confirm the upgrade completion. Once confirmed, the Upgrade button is again enabled.
6. Click *Close* to exit the Upgrade Firmware dialog box.

#### To upgrade SAM firmware individually:

1. Click the *Settings* tab in the AMP.
2. Click the *Server Access Modules* sub-category under Versions in the left column in the AMP.
3. Select the *EID* drop-down menu and choose the SAM adaptor for which you would like to view firmware information. The IDs displayed in the drop-down are a combination of the EID and either the server name or switch name, depending on what is attached to the SAM adaptor. If the SAM is not attached to anything, the drop-down will display None. Once selected, the firmware information appears in the Information box.
4. Compare the information to the Firmware Available box to see the firmware upgrade available to the SAM adaptor. If the SAM adaptor requires upgrading, click the *Load Firmware* button.
5. The firmware upgrade begins. During the upgrade, a progress message displays below the Firmware Available box and the Load Firmware button dims. When the upgrade is finished, a message appears indicating that the upgrade was successful.
6. Repeat steps 2-5 for each SAM to upgrade.
7. When you are finished, click *OK*.