Upgrade and Backup of Firmware via TFTP on Sx500 Series Stackable Switches

Objective

A software upgrade provides new features to any device electronically without any need to buy a new product. Software upgrades keeps a device up to date with the latest releases and technologies like enhanced security, new features, bug fixes, or performance upgrades. The main advantage of TFTP is it is faster but lacks sophisticated security, that is why it is used on a trusted network. HyperText Transfer Protocol (HTTP) is more popular for file download as it is more secure.

This document describes how to upgrade the firmware and to backup the firmware on the Sx500 Series Stackable Switches.

Applicable Devices

• Sx500 Series Stackable Switches

Software Download URL

[500 Series Stackable Switches](#)

Upgrade/Backup via TFTP

Step 1. Log in to the web based configuration utility, and choose **Administration > File Management > Upgrade/Backup Firmware/Language.** The *Upgrade/Backup Firmware/Language* page opens:

Upgrade Firmware Settings

Step 1. In the Transfer Method field, click **TFTP** to upgrade the firmware with a TFTP server.

Step 2. In the Save Action field, click **Upgrade** to configure upgrade settings.

Step 3. In the File Type field field, click on the desired destination file type.

Step 4. In the Server Definition field, click on the desired method to specify the TFTP server.

Step 5. In the IP Version field, click on the version that is used.

Note: Step 6 and Step 7 are configured only if version 6 is used.

Step 6. In the IPv6 Address field, click on the IPv6 address type that is used.

Step 7. In the Link Local Interface field, choose the link local interface from the drop down list.

Step 8. In the TFTP Server IP Address/Name field, enter the server IP address or the domain name of the TFTP server.

Step 9. In the Source File Name field, enter the name of the of the source file.

Step 10. Click **Apply**.

Upgrade/Backup Firmware/Language

Transfer Method:	◉ via TFTP
	○ via HTTP/HTTPS
	○ via SCP (Over SSH)
Save Action:	○ Upgrade
	◉ Backup
File Type:	◉ Firmware Image
	○ Boot Code
	○ Language File
Server Definition:	◉ By IP address ○ By name
IP Version:	○ Version 6 ◉ Version 4
IPv6 Address Type:	◉ Link Local ○ Global
Link Local Interface:	FE1/2/1 ▼
✽ TFTP Server IP Address/Name:	
✽ Destination File Name:	(0/160 Characters Used)

The firmware is upgraded to the inactive image file. You must activate the firmware using the "Active Image" page.

[Apply] [Cancel]

Backup Firmware Settings

Step 1. In the Transfer Method field, click **TFTP** to Upgrade the firmware with a TFTP server.

Step 2. In the Save Action field, click **Backup** to configure backup settings.

Step 3. In the File Type field field, click on the desired destination file type.

Step 4. In the Server Definition field, click on the desired method to specify the TFTP server.

Step 5. In the IP Version field, click on the version that is used.

Note: Step 6 and Step 7 are configured only if version 6 is used.

Step 6. In the IPv6 Address field, click on the IPv6 address type that is used.

Step 7. In the Link Local Interface field, choose the link local interface from the drop down list.

Step 8. In the TFTP Server IP Address/Name field, enter the server IP address or the domain name of the TFTP server.

Step 9. In the Destination File Name field, enter the name of the of the destination file.

Step 10. Click **Apply**.