

# Upgrade Firmware via HTTP/HTTPS on Sx500 Series Stackable Switches

## Objective

The firmware upgrade is used to improve the performance of the device and to keep the device up to date. Language files may also be applied to change the native language of the web configuration utility interface.

The objective of this document is to show you how to upgrade the firmware via HTTP/HTTPS on Sx500 Series Stackable Switches.

## Applicable Devices

- Sx500 Series Stackable Switches

## Software Download URL

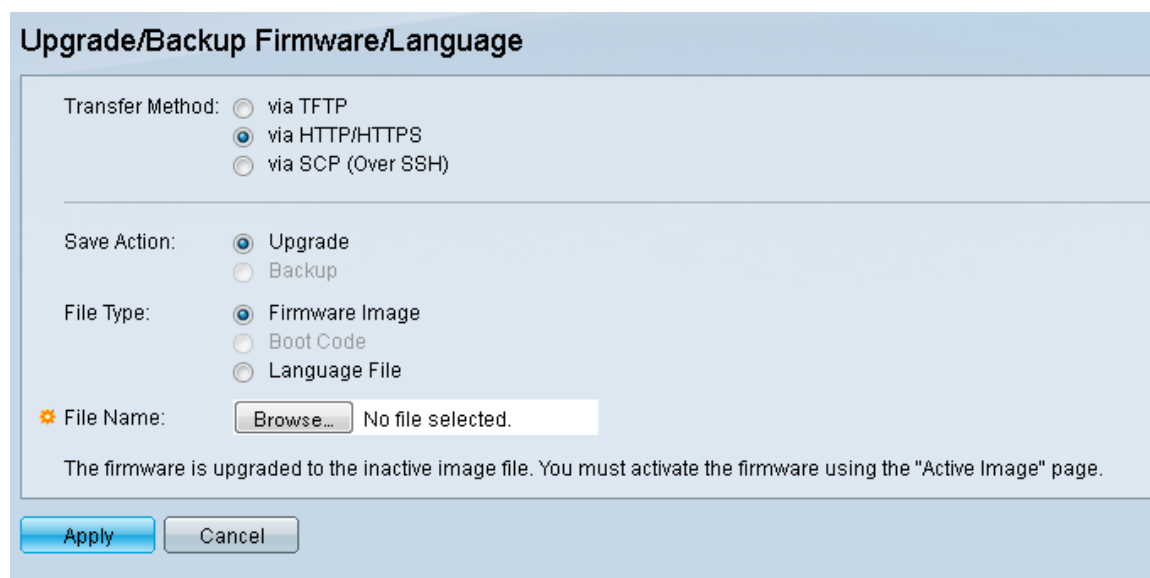
- [Sx500 Series Stackable Switches](#)

**Note:** Make sure to download the latest firmware release

## Upgrade Firmware

### Install Firmware/Language Files

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



The screenshot shows the 'Upgrade/Backup Firmware/Language' configuration page. It features several radio button options for 'Transfer Method', 'Save Action', and 'File Type'. The 'File Name' field is currently empty, with a 'Browse...' button and the text 'No file selected.' Below the form, there is a note: 'The firmware is upgraded to the inactive image file. You must activate the firmware using the "Active Image" page.' At the bottom, there are 'Apply' and 'Cancel' buttons.

**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

File Name:  No file selected.

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

Step 2. Click the **via HTTP/HTTPS** radio button in the *Transfer Method* field. This method of transfer uses your web browser and requires no additional software.

Upgrade/Backup Firmware/Language

Transfer Method:  via TFTP  
 via HTTP/HTTPS

Save Action:  Upgrade  
 Backup

File Type:  Firmware Image  
 Boot Code  
 Language File

File Name:  No file chosen

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

**Note:** You can also choose **via TFTP** if you would like to transfer firmware to the switch using a Trivial File Transfer Protocol (TFTP) Server application.

Step 3. Click the **Upgrade** radio button in the *Save Action* field.

Upgrade/Backup Firmware/Language

Transfer Method:  via TFTP  
 via HTTP/HTTPS

Save Action:  Upgrade  
 Backup

File Type:  Firmware Image  
 Boot Code  
 Language File

File Name:  No file chosen

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

**Note:** The backup action is only allowed through the use of the TFTP transfer method.

Step 4. Click the radio button for the desired file type from the *File Type* field.

Upgrade/Backup Firmware/Language

Transfer Method:  via TFTP  
 via HTTP/HTTPS

Save Action:  Upgrade  
 Backup

File Type:  Firmware Image  
 Boot Code  
 Language File

File Name:  No file chosen

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

The available options are as follows:

- **Firmware Image** — A program that is used to control the operations and functionality of the switch.
- **Language File** — The GUI will be displayed in the selected language.

Step 5. Click **Choose File** to select a file from the computer, or enter the path and source name of the upgrade file in the adjacent field.

**Upgrade/Backup Firmware/Language**

Transfer Method:  via TFTP  
 via HTTP/HTTPS

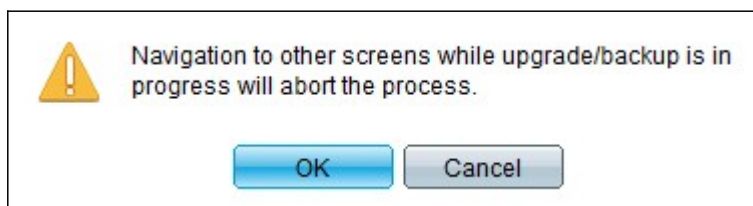
Save Action:  Upgrade  
 Backup

File Type:  Firmware Image  
 Boot Code  
 Language File

File Name:  No file chosen

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

Step 6. Click **Apply**. A warning window appears:



Step 7. Click **OK**. A progress bar appears for some time.

Step 8. After a few minutes, the progress bar disappears. Statistics and any errors from the transfer appear. If the transfer was successful, click **Done**.

## Select the Active Firmware

Step 1. Log in to the web configuration utility and choose **Administration > File Management > Active Image**. The *Active Image* page opens:

**Active Image**

Active Image:	Image 1
Active Image Version Number:	6.2.10.18
Active Image After Reboot:	6.2.10.18 ▼
Active Image Version Number After Reboot:	6.2.10.18

Step 2. Select the desired firmware version from the *Active Image After Reboot* drop-down list.

**Active Image**

Active Image:	Image 1
Active Image Version Number:	6.2.10.18
Active Image After Reboot:	6.2.10.18 ▼
Active Image Version Number After Reboot:	6.2.10.18 1.3.7.18

Step 3. Click **Apply** to choose the firmware to be used upon reboot of the switch.

## Reboot the Switch

For the upgraded firmware version to be applied, the switch must be rebooted. The switch does not need to be rebooted if the updated file is only a language file.

Step 1. Log in to the web configuration utility and choose **Administration > Reboot**. The *Reboot* page opens:

**Reboot**

To reboot the device, click the 'Reboot' button.

Clear Startup Configuration File

---

To reboot the device and return to factory default settings, click the "Reboot to Factory Defaults" button.

Step 2. (Optional) Check the **Clear Startup Configuration File** check box to delete the startup configuration once the switch is rebooted. With this option chosen, the switch essentially performs a factory default reset since both the running and startup configurations will be deleted on reboot.

Step 3. Click **Reboot**. The switch reboots and the updated firmware is applied.