

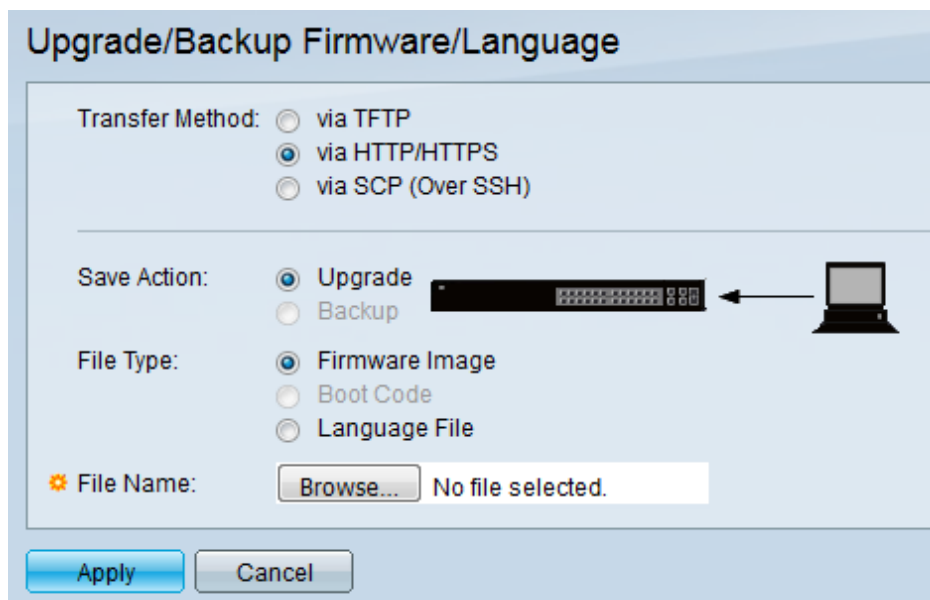
# How to upgrade firmware & boot code on Cisco Small Business Switches

Review Cisco firmware release notes. If you have an older firmware you have to first upgrade to a somewhat newer firmware first before you can upgrade to the latest firmware. Normally if you have to do this, you also have to upgrade the boot code.

## Firmware Upgrade Steps:

1. Download the firmware from Cisco's website and unzip the file
2. Login to the switch and go to "Administration" / "Upgrade/Backup Firmware"

3. Select these options:



4. Select "Browse" and find the firmware file you downloaded

5. Click on Apply.

6. Once the upload is done, and IF you have a flashing red "x" at the top right by the word "cisco" click on it so you can save your config

7. Reboot the switch. If you are doing a constant ping to monitor it, you will lose about 20 to 25 pings while it reboots

8. Login to switch and verify the firmware version is correct.

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## Boot Code Upgrade Steps:

1. Download the firmware from Cisco's website and unzip the file
2. Login to the switch and go to "Administration" / "Upgrade/Backup Firmware"

3. Select these options:

**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

TFTP Server Definition: ☒ By IP address ☐ By name

IP Version: ☐ Version 6 ☒ Version 4

IPv6 Address Type: ☒ Link Local ☐ Global

Link Local Interface: VLAN 1

\* TFTP Server IP Address/Name:

\* Source File Name:  (0/160 characters used)

^ ^ ^ 4. Type in the IP address of your TFTP server and the file name of the boot code file

^ ^ ^ ^ 5. Click Apply

^ ^ ^ ^ 6. Once the upload is done, and IF you have a flashing red "x" at the top right by the word "cisco" click on it so you can save your config

^ ^ ^ ^ 7. Reboot the switch.^ If you are doing a constant ping to monitor it, you will loose about 20 to 25 pings while it reboots

^ ^ ^ ^ 8. Login to switch and verify the firmware version is correct.

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