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

Review Cisco firmware release notes. \hat{A} 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. \hat{A} 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" / "Upgade/Backup Firmware"
- $\hat{A} \hat{A} \hat{A} \hat{A} \hat{A} \hat{A} \hat{A}$ 3. Select these options: \hat{A}

Upgrade/Backup Firmware/Language			
	Transfer Method:	 via TFTP via HTTP/HTTPS via SCP (Over SSH) 	
	Save Action:	O Upgrade Backup	
	File Type:	 Firmware Image Boot Code Language File 	
	🜣 File Name:	Browse No file selected.	
	Apply Cancel		

 $\hat{A} \; \hat{A} \; \hat{A} \; \hat{A} \; 4.$ Select "Browse" and find the firmware file you downloaded

 $\hat{A} \; \hat{A} \; \hat{A} \; \hat{A} \; \hat{A} \; 5.$ Click on Apply. \hat{A}

 $\hat{A} \hat{A} \hat{A} \hat{A}$ 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

 $\hat{A} \hat{A} \hat{A} \hat{A}$ 7. Reboot the switch. \hat{A} If you are doing a constant ping to monitor it, you will loose about 20 to 25 pings while it reboots

 $\hat{A} \hat{A} \hat{A} \hat{A}$ 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" / "Upgade/Backup Firmware"

$\hat{A} \hat{A} \hat{A} \hat{A} \hat{A} \hat{A} \hat{A}$ 3. Select these options: \hat{A}

Upgrade/Backup Firmwa	are/Language
Transfer Method:	 via TFTP via HTTP/HTTPS via SCP (Over SSH)
Save Action:	O 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 Interface:	VLAN 1 👻
• TFTP Server IP Address/Name	:
Source File Name:	(0/160 characters used)
Apply Cancel	

 $\hat{A}\ \hat{A}\ \hat{A}\ 4.$ Type in the IP address of your TFTP server and the file name of the boot code file

$\hat{A} \hat{A} \hat{A} \hat{A}$ 5. Click Apply

 $\hat{A} \hat{A} \hat{A} \hat{A}$ 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

 $\hat{A} \hat{A} \hat{A} \hat{A}$ 7. Reboot the switch. \hat{A} If you are doing a constant ping to monitor it, you will loose about 20 to 25 pings while it reboots

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