

# Updating Firmware Cisco Switch

Updating the Firmware on a Cisco Switch is easy.

New firmware can be found at

<https://software.cisco.com/download/home/283018960>

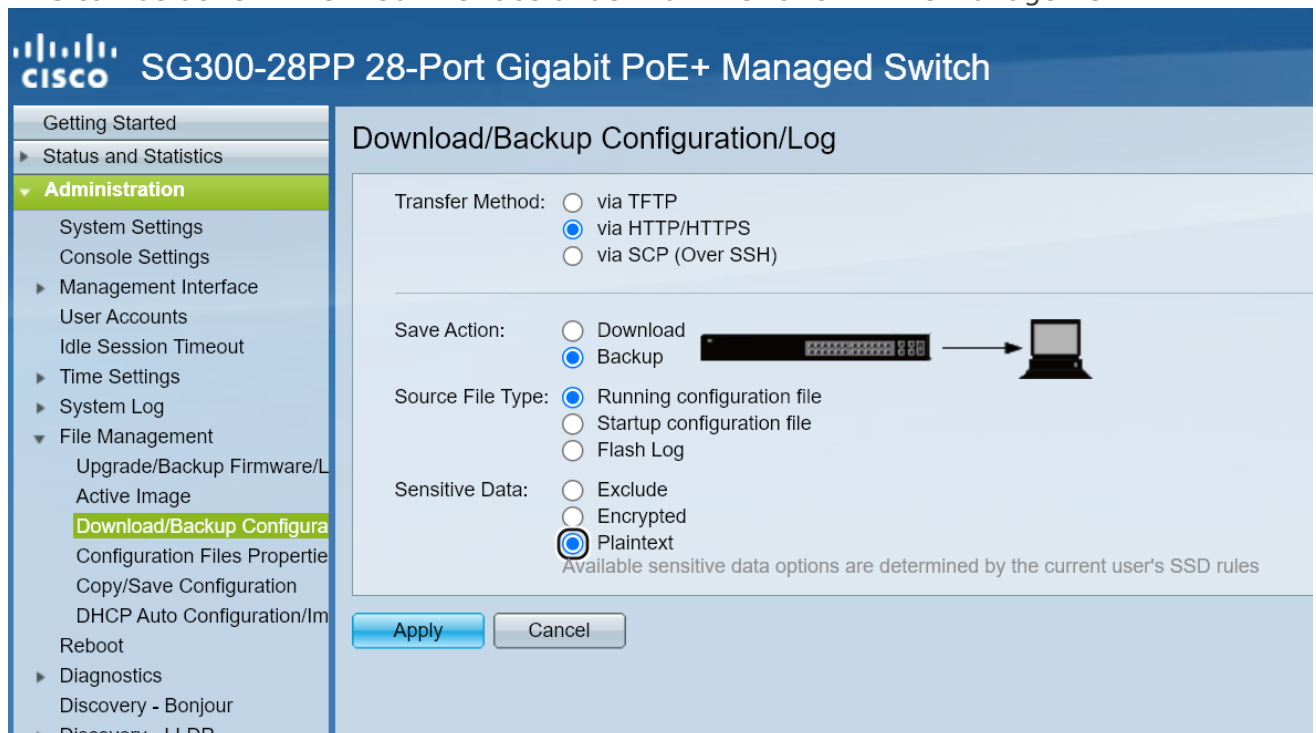
## SG300 Series

In the 300 series of switches a few steps are to be taken

1. Where possible a backup should be taken of the Firmware and Configuration files should something go wrong.

1. This can be done in the Web Interface under Administration > File Management

- 2.



The screenshot shows the Cisco SG300-28PP 28-Port Gigabit PoE+ Managed Switch web interface. The left sidebar contains a navigation menu with the following items: Getting Started, Status and Statistics, Administration (highlighted), System Settings, Console Settings, Management Interface, User Accounts, Idle Session Timeout, Time Settings, System Log, File Management (expanded), Upgrade/Backup Firmware/L, Active Image, Download/Backup Configura (highlighted), Configuration Files Propertie, Copy/Save Configuration, DHCP Auto Configuration/Im, Reboot, Diagnostics, Discovery - Bonjour, and Discovery - LLDP. The main content area is titled 'Download/Backup Configuration/Log' and contains the following settings:

- Transfer Method: ☐ via TFTP, ☒ via HTTP/HTTPS, ☐ via SCP (Over SSH)
- Save Action: ☐ Download, ☒ Backup
- Source File Type: ☒ Running configuration file, ☐ Startup configuration file, ☐ Flash Log
- Sensitive Data: ☐ Exclude, ☐ Encrypted, ☒ Plaintext

Below the settings, there is a note: 'Available sensitive data options are determined by the current user's SSD rules'. At the bottom of the form are 'Apply' and 'Cancel' buttons. An illustration of a switch and a laptop is also present.

2. Once backups are taken and new firmware is ready to upload, go to **Upgrade/Backup Firmware/Language**
3. On this screen, upload your firmware file

## 1. P 28-Port Gigabit PoE+ Managed Switch

### 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 chosen

The firmware is upgraded to the inactive image file. You must activate the firmware using the [Active Image](#) page.

4. Once uploaded go to **Active Image**

5. Select your new firmware version to go to

## 1. P 28-Port Gigabit PoE+ Managed Switch

### Active Image

Active Image: Image 2

Active Image Version Number: 1.4.11.5

Active Image After Reboot: 1.4.11.5 ▼

Active Image Version Number After [Reboot](#) : 1.4.10.6  
1.4.11.5

6. Once you click apply the new firmware version should show as the Active After Reboot

Active Image Version Number After [Reboot](#) : 1.4.11.5

1.

7. Click the Reboot hyperlink to reboot the switch.

8. **Monitor the switch to ensure the upgrade occurs successfully.**

9. Navigate back to the Active Image section once rebooted to ensure the new image is currently active

## Active Image

1. 

Active Image:	Image 2
Active Image Version Number:	1.4.11.5

## SG350 Series

In the 350 series of switches a few steps are to be taken

1. Where possible a backup should be taken of the Firmware and Configuration files should something go wrong.
  1. This can be done in the Web Interface under Administration > File Management > File Operations

2.

**cisco SG350-10P 10-Port Gigabit PoE Managed Switch**

**File Operations**

Operation Type: ☐ Update File ☒ Backup File ☐ Duplicate

Source File Type: ☒ Running Configuration ☐ Startup Configuration ☐ Mirror Configuration ☐ Logging File ☐ Language File ☐ Dashboard Info File

Copy Method: ☒ HTTP/HTTPS ☐ USB ☐ Internal Flash

Sensitive Data Handling: ☐ Exclude ☐ Encrypt ☒ Plaintext

2. Once backups are taken and new firmware is ready to upload, go to **Firmware Operations**
3. On this screen, upload your firmware file

1.

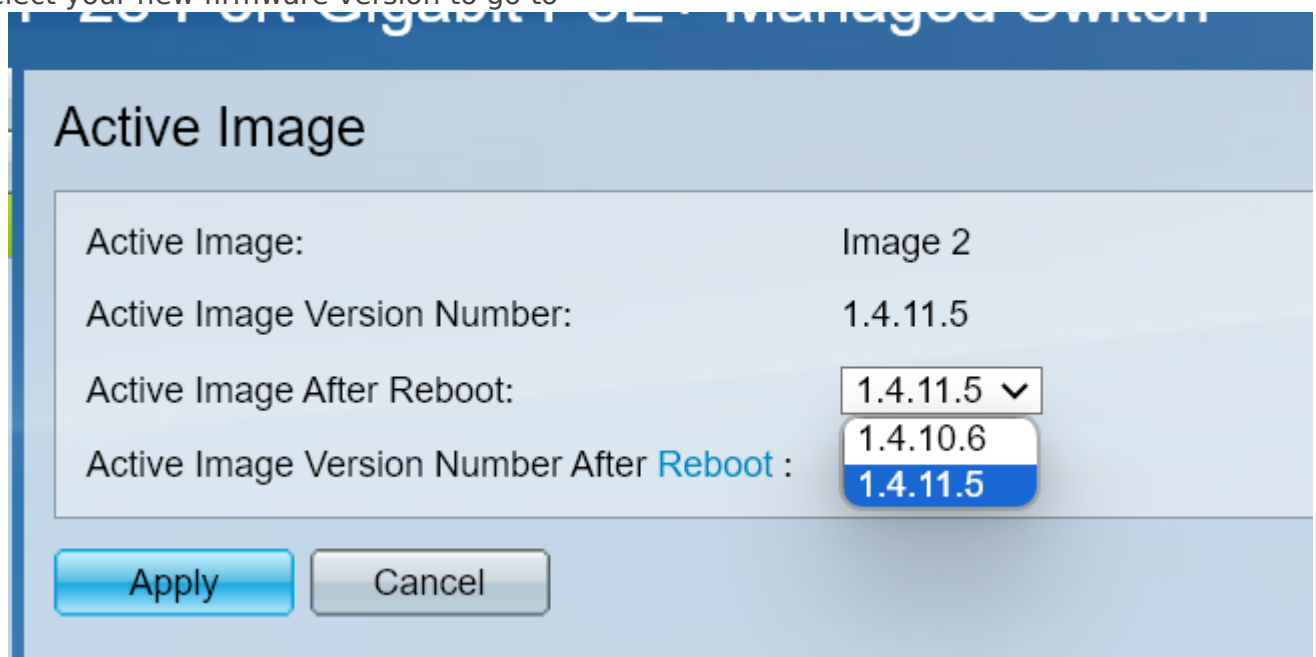


## 2. FROM HERE OUT OF DATE JUST COPIED

4. Once uploaded go to **Active Image**

5. Select your new firmware version to go to

1.



6. Once you click apply the new firmware version should show as the Active After Reboot

Active Image Version Number After [Reboot](#) : 1.4.11.5

1.  

7. Click the Reboot hyperlink to reboot the switch.

8. **Monitor the switch to ensure the upgrade occurs successfully.**

9. Navigate back to the Active Image section once rebooted to ensure the new image is currently active

## Active Image

Active Image: Image 2

1. Active Image Version Number: 1.4.11.5

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Revision #2

Created 12 June 2024 04:37:51 by Mitch Fraser

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