



# S5850-24S2Q Switch FSOS Software Upgrading Instructions

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## FS S5850-24S2Q Switch FSOS Software Upgrading Instructions



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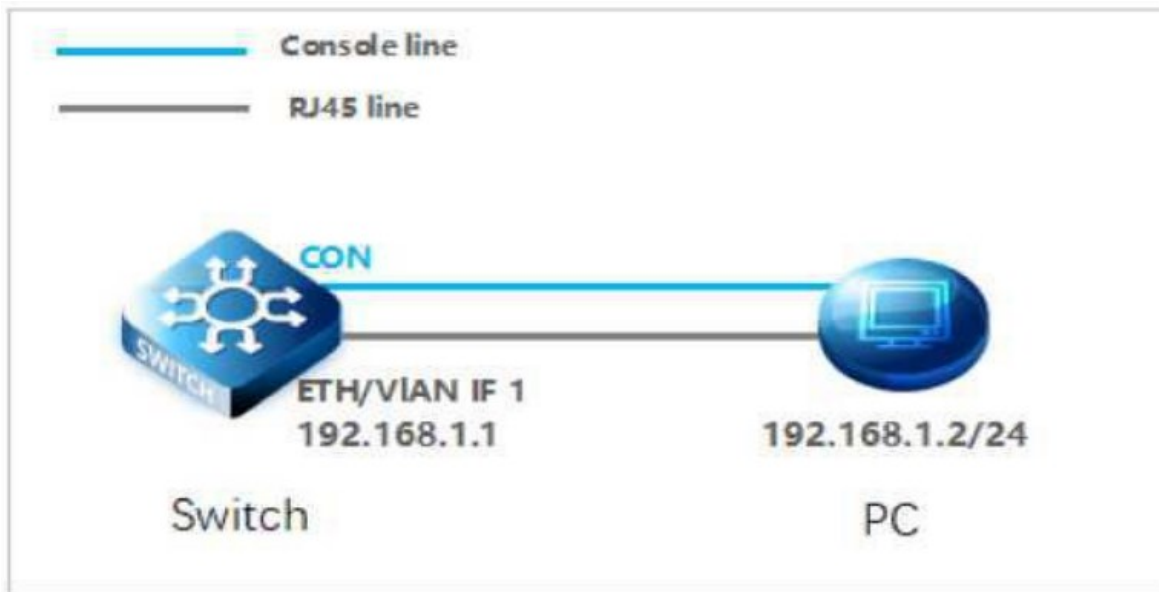
## Introduction to Version Upgrade

When new features are added or the original performance needs to be optimized and the current running version is out of date, the device needs to be upgraded. In this case, you need to load a high version of the system software, upgrade through the CLI interface, WEB interface, and restart the device.

## CLI Upgrade

## Network Topology

**Figure 1** PC connection switch page



## Configuration Steps

### 1. Connection Equipment

#Connect the PC and the switch to the network cable and the console port. Connect one end of the RJ-45 network cable to the networkcard interface of the PC and the other end to the network port of the SW. Connect one end of the console cable USB to the USBport of the PC. One end of the RJ-45 is connected to the console port on the front panel of the switch.

### 2. Download Configuration Software

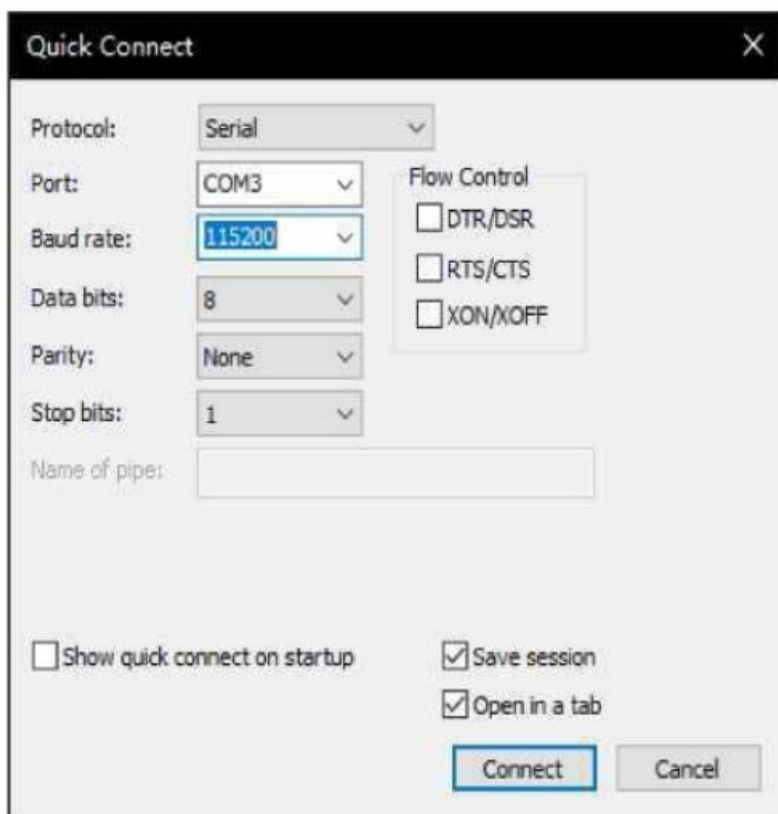
# After the connection is completed, there we recommend the super terminal, putty or Secure CRT tool to configure the switch.

### 3. Switch on and Use Login Software

#Energizing the switch, then open the installed login software, select the serial port of login mode, port through the device manager todetermine. Baud rate :115200, Data bits: 8, Parity: None, Stop bits: 1. (Reference below)

**NOTE:** COM Number can be viewed through device manager. (right click on my computer.>manage>device manager>port (COMandLPT) If it displays an unrecognized USB device, please download and install the corresponding driver.

**Figure 2** Login cli configuration page

A screenshot of a 'Quick Connect' dialog box. The dialog has a title bar with a close button. It contains several configuration options: 'Protocol' is set to 'Serial'; 'Port' is 'COM3'; 'Baud rate' is '115200'; 'Data bits' is '8'; 'Parity' is 'None'; and 'Stop bits' is '1'. There is a 'Name of pipe:' text box. To the right, under 'Flow Control', are three unchecked checkboxes: 'DTR/DSR', 'RTS/CTS', and 'XON/XOFF'. At the bottom, there are two checkboxes: 'Show quick connect on startup' (unchecked) and 'Save session' (checked). Below these are 'Open in a tab' (checked) and two buttons: 'Connect' and 'Cancel'.

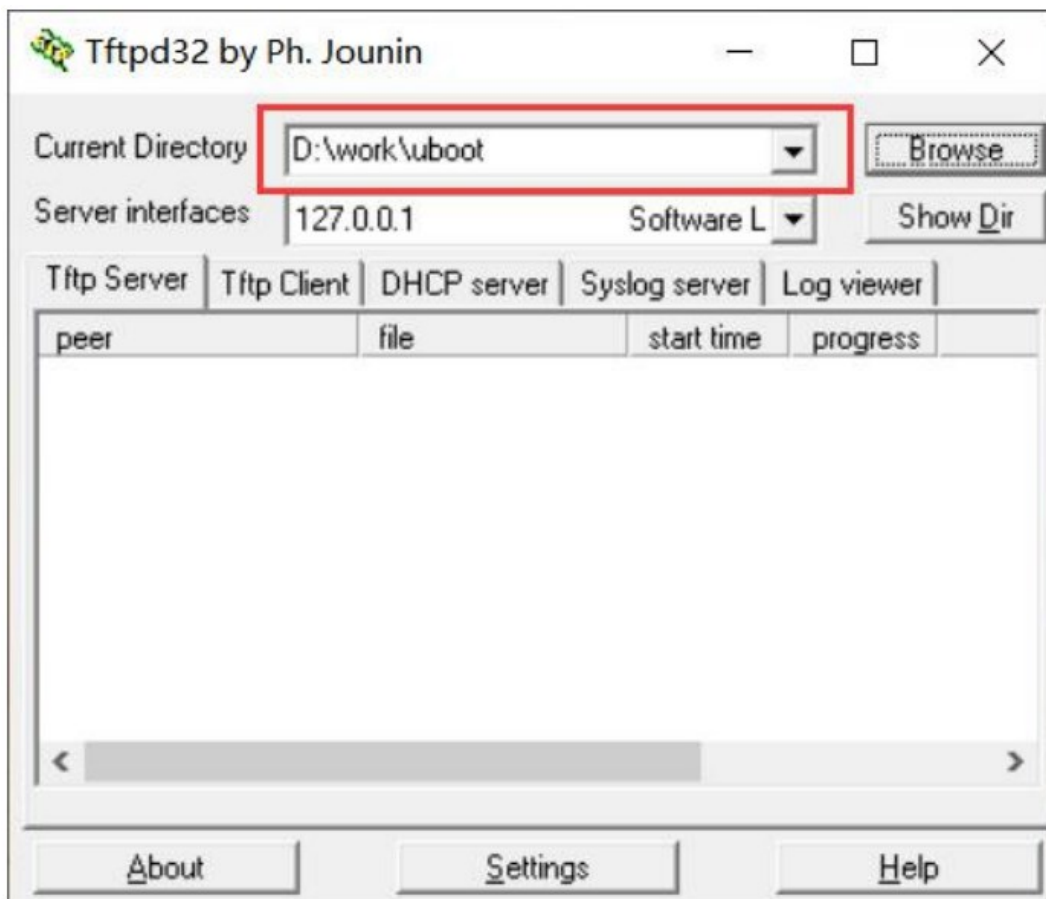
#### 4. Login Switch

#After completing the above steps, hitting the Enter key of the keyboard will prompt you to enter the account password. At this time, enter the default username and password admin/admin to log in to the switch.

#### 5. Upgrade Software

#After logging in to the switch, open the installed TFTP upload software, specify the server root directory in its options, and put the file to be uploaded into this directory.

**Figure 3 TFTP server configuration page|**



**NOTE:** The file FSOS\_S5850\_24S2Q-v7.0.x.bin should be placed in the root directory of the server. (6)

Upgrade ulmage Console# copy mgmt-if [http://192.168.1.2/FSOS\\_S5850\\_24S2Q-v7.0.x.bin](http://192.168.1.2/FSOS_S5850_24S2Q-v7.0.x.bin) flash:/boot/FSOS\_S5850\_24S2Q-v7.0.x.bin

**NOTE:** The 7.0.x in file FSOS\_S5850\_24S2Q-v7.0.x.bin indicates support for all versions of the 7.0 series. (7)

Application SystemFile Console#boot system [flash:/boot/FSOS\\_S5850\\_24S2Q-V7.0.x.bin](flash:/boot/FSOS_S5850_24S2Q-V7.0.x.bin)

#### 6. Reboot the device Console#reboot

#### 7. Upgrade webImage

#After completing the above steps, wait for the device to restart before continuing to upgrade the webImage.

Console# copy mgmt-if <http://192.168.1.2/FSOS-webImage-v7.0.x.bin> flash:/FSOS-webImagev7.0.x.bin

#### 8. Enable web services

Console# configure terminal

Console(config)# http server load flash:/FSOS-webImage-v7.0.x.bin

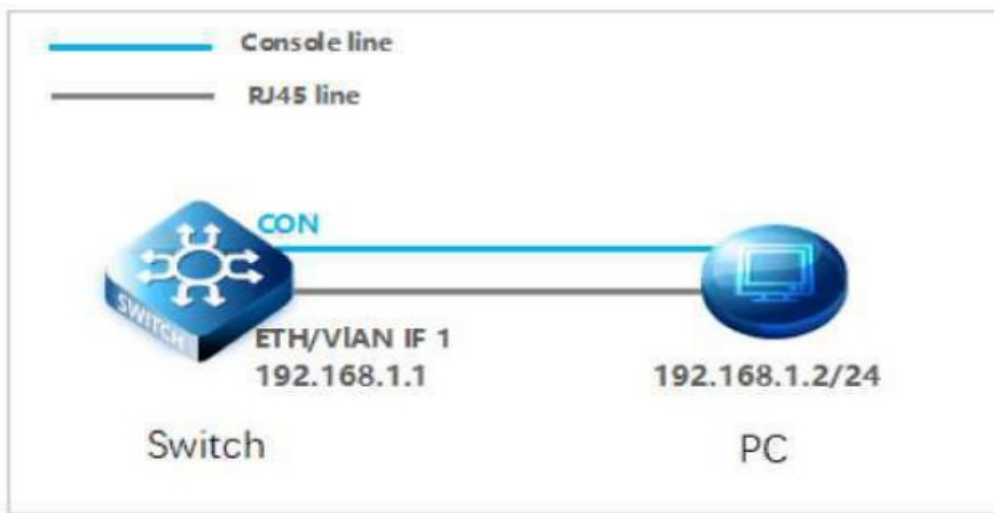
Console(config)# service http enable

Console(config)# service https enable

## Web Upgrade

### Network Topology

**Figure 1** PC connection switch page



## Configuration Steps

### 1. Enable web services

Console(config)# http server load [flash:/FSOS-webImage-v7.0.x.bin](#) Console(config)# service http enable

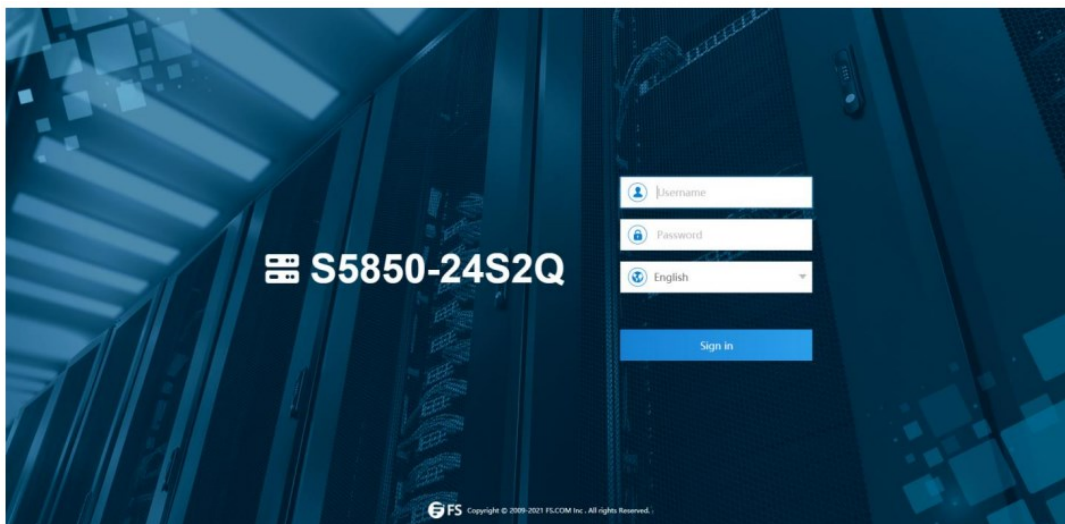
Console(config)# service https enable

**NOTE:** FSOS-webImage v7.0.x.bin is the old web version.

### 2. Login WEB

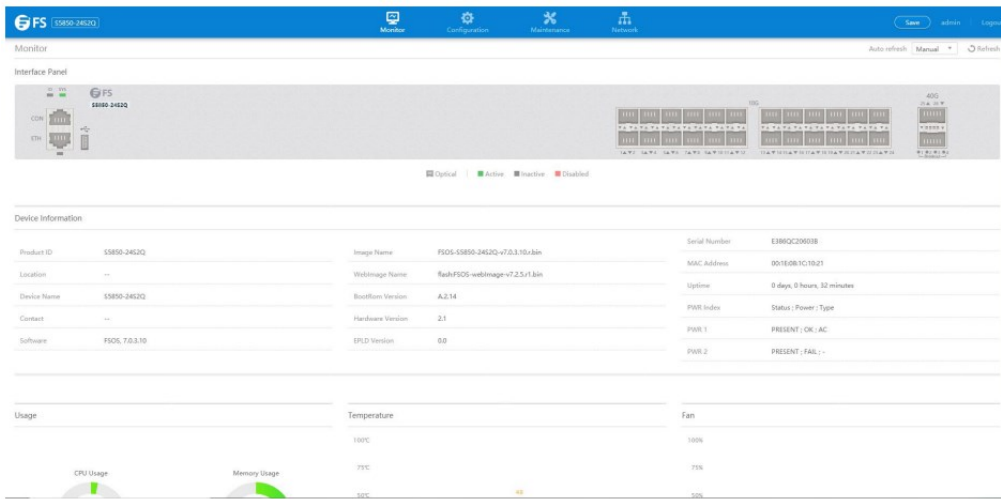
#Enter the IP address of the management interface in the URL field of the browser: 192.168.1.1, and then enter the default username and password: admin/admin

**Figure 2 Login web page**



After successful login, the monitor page will appear, as shown in figure 3

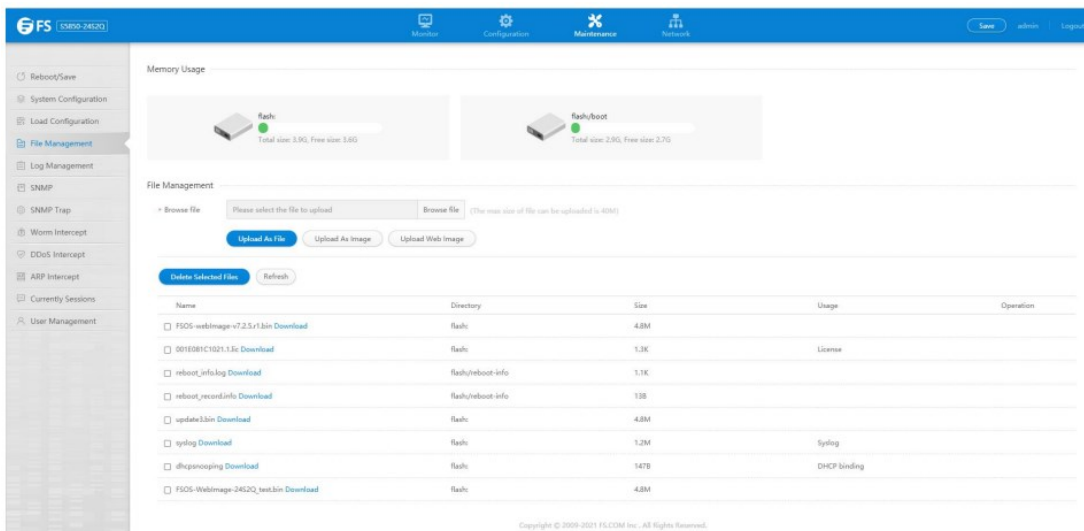
**Figure 3 Monitor page**



### 3. Upgrade ulmage

#After entering the WEB interface of the switch, click “System Management>File Management” to select the ulmage file to be upgraded on web. During the upgrade process, do not close the upgrade page and power off the device.

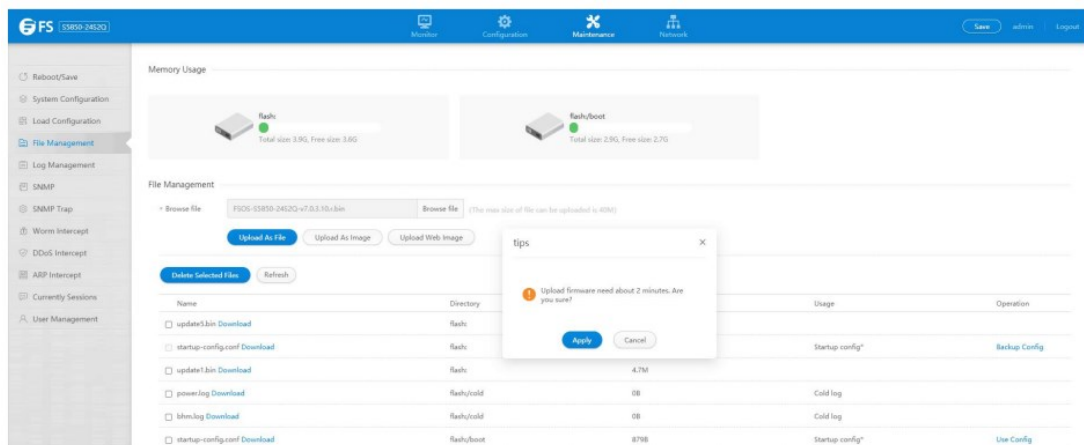
**Figure 4 Upgrade ulmage page**



### 4. Application System File

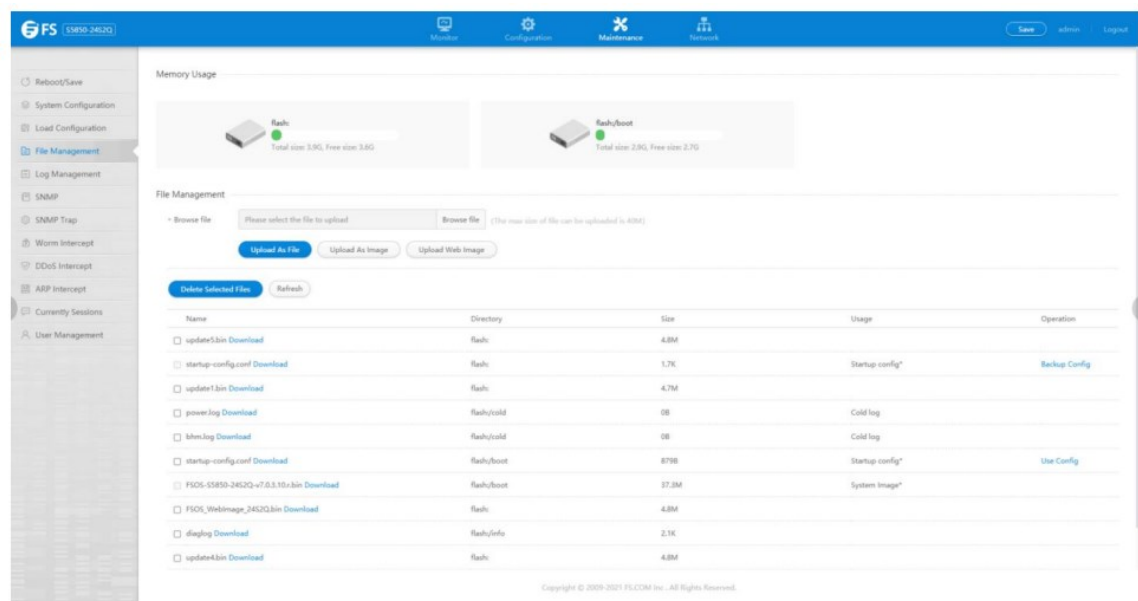
#After uploading the ulmage, click “Use Image”, you can apply the ulmage file|

**Figure 5 cc page**



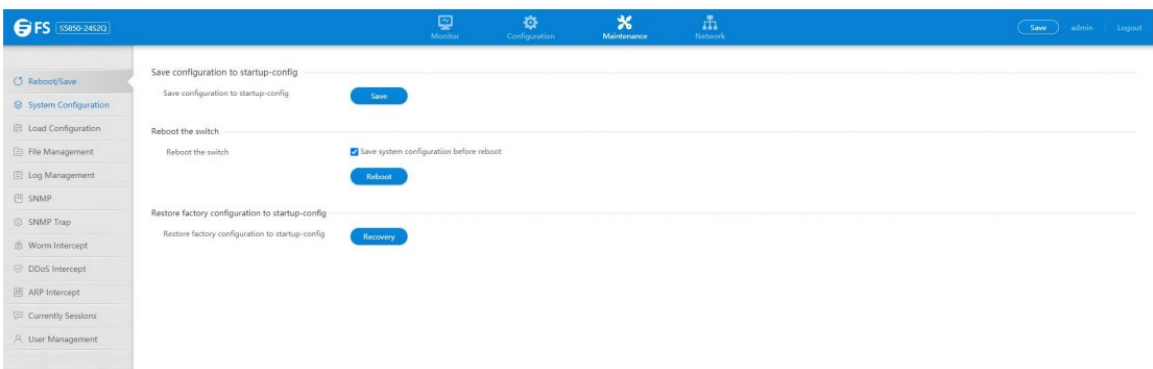
#After applying the ulmage file, you can see that it is followed by a \*.

Figure 6 File system page



Reboot the device

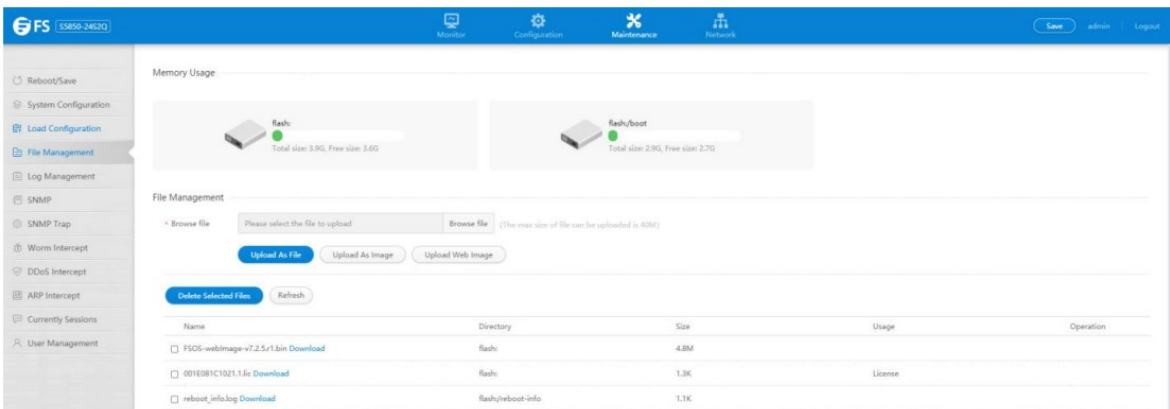
Figure 7 Device reboot page



Upgrade webImage


After the switch restarts, repeat step (1) and you can log back into the Web interface, click “System Management>File Management” to select the webImage file to be upgraded on web. During the upgrade process, do not close the upgrade page and power off the device.

Figure 8 Upgrade webImage page





## Documents / Resources

	<p><a href="#">FS S5850-24S2Q Switch FSOS Software Upgrading</a> [pdf] Instructions S5800, S8050, S5850-24S2Q, S5850-24S2Q Switch FSOS Software Upgrading, S5850-24S2Q FSOS, Switch FSOS Software Upgrading, Switch FSOS, FSOS Software Upgrading, FSOS</p>
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## References

- [FS.com - Data Center, Enterprise, Telecom](#)