

S3150, S3260, S3400, S3700, S3900 and S5500 Series Switches Software Upgrade Guide

Model:

S3150-8T2FP; S3260-8T2FP; S3260-16T4FP; S3400-24T4FP; S3400-48T4SP;
S3700-24T4F; S3900-24T4S-R; S3900-24F4S-R; S3900-48T6S-R;
S5500-48T6SP-R; S5500-48T8SP



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1. 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When new features are added or the original performance needs to be optimized and the current running version is out of date, the device needs to be upgraded.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.

2. CLI Upgrade

2.1 Network Topology

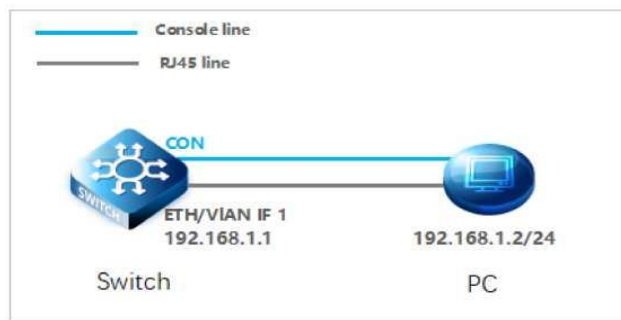


Figure 1 PC connection switch page

2.2 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 network card 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 USB port 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 to determine. 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 (COM and LPT) If it displays an unrecognized USB device, please download and install the corresponding driver.

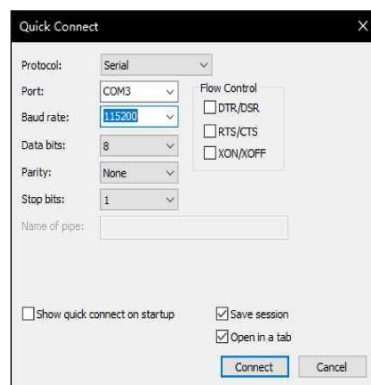


Figure 2 Login cli configuration page

(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 files to be uploaded into this directory.

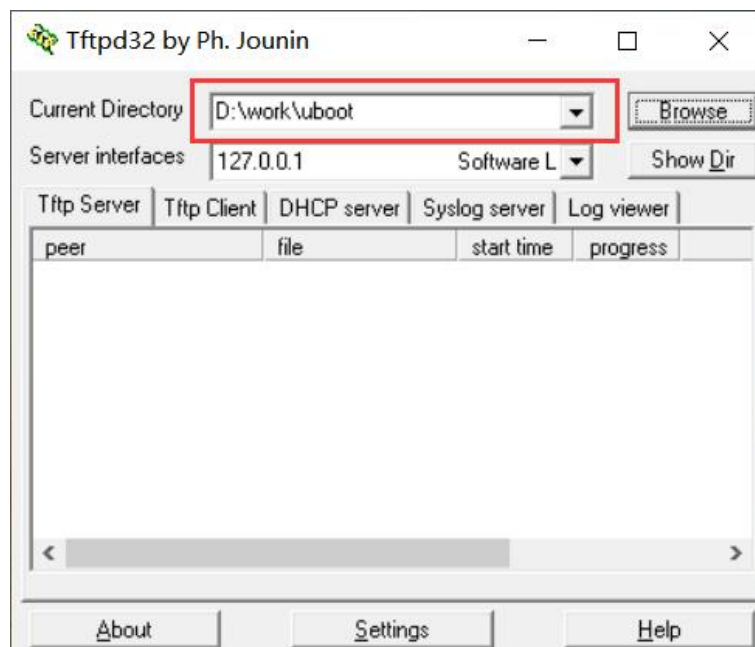


Figure 3 TFTP server configuration page

(6) Upgrade Image

Switch# copy tftp: flash:

Source file name[S3900-48T6S-R-Switch-2.2.0E-97109-08018.bin Remote-server ip address[192.168.1.2

Destination file name[Switch.bin](Just type enter)

NOTE: If it is a stack switch group upgrade, you need to use the command "update switch" to synchronize the firmware to the member switches of the stack group before proceeding to the next step.

(7) Reboot the device

Switch#reboot

Do you want to reboot the Switch(y/n)?y

(8) Upgrade web Software Version

Switch# copy tftp:web-v2.2.0.wrp flash:web.wrp 192.168.1.2

(9) Enable web services

Switch#config

Switch_config# no ip http server

Switch_config# ip http server

3. Web Upgrade

3.1 Network Topology

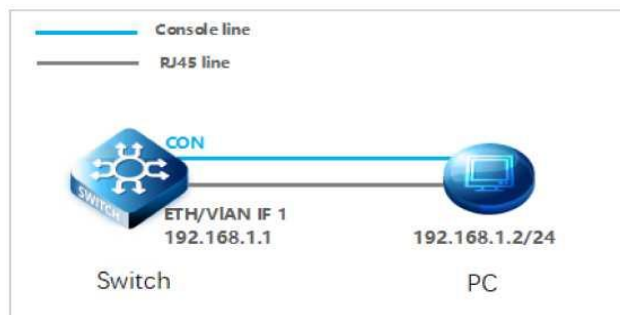
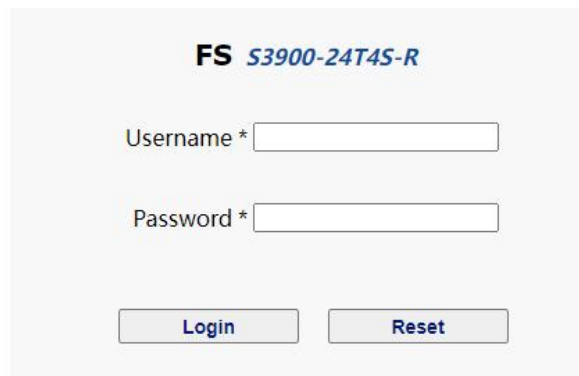


Figure 1 PC connection switch page

3.2 Configuration Steps

(1) Login WEB

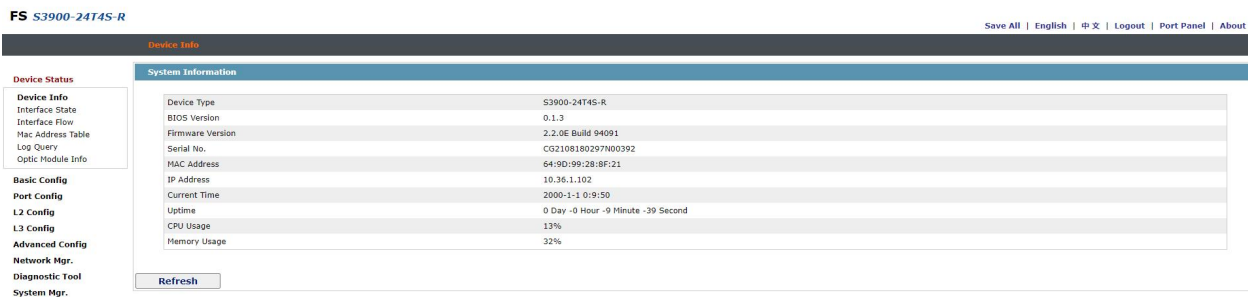
#Enter the IP address of the management interface in the URL field of the browser, and then enter the default username and password: admin/admin



The login web page for FS S3900-24T4S-R. It features the device name at the top, followed by two input fields for 'Username *' and 'Password *'. At the bottom, there are two buttons: 'Login' and 'Reset'.

Figure 2 Login web page

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



The monitor page for FS S3900-24T4S-R. It features a sidebar with navigation options: Device Status, Device Info, Interface State, Interface Flow, Mac Address Table, Log Query, Optic Module Info, Basic Config, Port Config, L2 Config, L3 Config, Advanced Config, Network Mgr., Diagnostic Tool, and System Mgr. The main content area displays 'System Information' with a table of device details.

System Information	
Device Type	S3900-24T4S-R
BIOS Version	0.1.3
Firmware Version	2.2.0E Build 94091
Serial No.	CQ2108180297N00392
MAC Address	64:9D:99:28:8F:21
IP Address	10.36.1.102
Current Time	2000-1-1 0:9:50
Uptime	0 Day -0 Hour -9 Minute -39 Second
CPU Usage	13%
Memory Usage	32%

Refresh

Figure 3 Monitor page

(2) Upgrade Image

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



Figure 4 Upgrade Image page

Note: The device web supports only the image upgrade. Currently, the device does not support the upgrade of the web software version