

PoE+ Series Switches FSOS Software Upgrade Guide

Models: S1150-8T2F
S1400-24T4F
S3260-8T2FP
S3400-48T4SP
S5500-48T8SP

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Configuration Notice

The applicable PoE+ series switches are shown in Table 1:

Series	Product
PoE+ Series	S3150-8T2FP
	S3260-8T2FP
	S3400-24T4FP
	S5500-48T8SP
	S3400-48T8SP

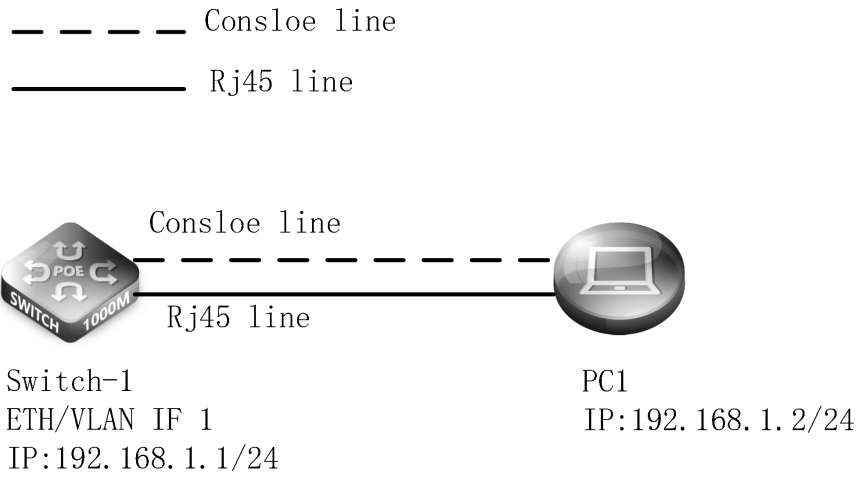
Table 1

Introduction to Version Upgrade

The switch system is one of the core components of the switch. The purpose of upgrading the switch system is to make the switch more stable and secure. At the same time, new features are added in the form of upgrading system version for better adapting to the business environment of customers.

1. Upgrade through the CLI Interface

Network Topology



Configuration Steps

1.1 Connection Equipment

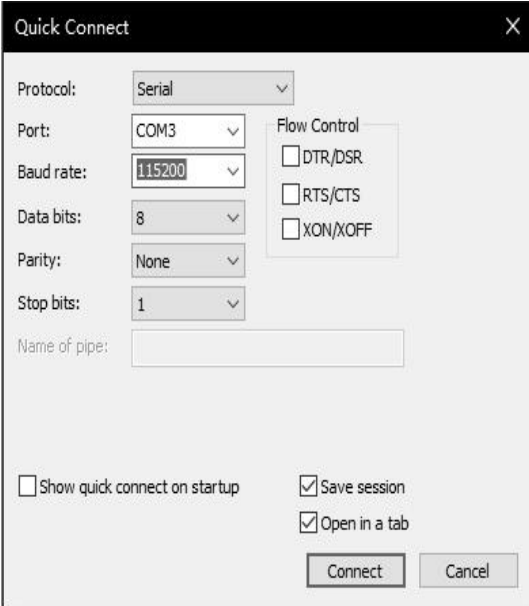
Connect the PC and the switch to the network cable and the console port in the way of network Topo. Connect one end of the RJ-45 network cable to the network card interface of the PC and the other end to the network port of the Switch-1. Connect one end of the console cable VGA to the VGA port of the PC. One end of the RJ-45 is connected to the console port on the front panel of the switch.

1.2 Download Configuration Software

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

1.3 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)



The image shows a 'Quick Connect' dialog box with the following fields and options:

- Protocol: Serial (dropdown)
- Port: COM3 (dropdown)
- Baud rate: 115200 (dropdown)
- Data bits: 8 (dropdown)
- Parity: None (dropdown)
- Stop bits: 1 (dropdown)
- Name of pipe: (text input)
- Flow Control section:
 - DTR/DSR
 - RTS/CTS
 - XON/XOFF
- Bottom section:
 - Show quick connect on startup
 - Save session
 - Open in a tab
- Buttons: Connect, Cancel

Note:

COM Number can be viewed through device manager. (right click on my computer>manage>device manager>port (COM and LPT))

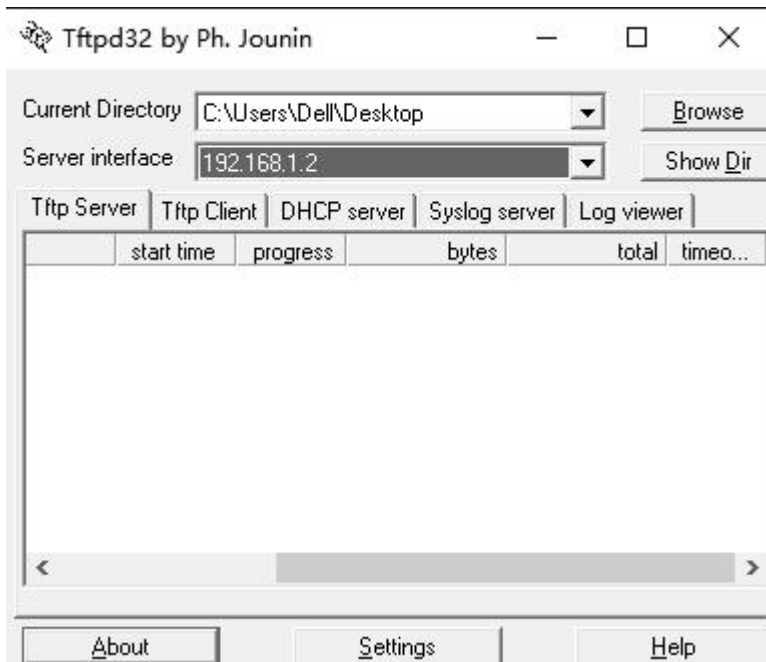
If it displays an unrecognized USB device, please download and install the corresponding driver.

1.4 Log in 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.

1.5 Upload File to Switch

Install and open the software Tftp32 on the PC, specify the current directory as the uploaded corresponding file directory, and select the IP address of the PC for the server interface.



1.6 Download and Upgrade Version

Choose the file which needs to be upgraded on TFTP and upload to the device for upgrade to achieve CLI interface software upgrade. After the upgrade, the system will automatically restart and load them to the latest upgrade version.

```

S3400-48T4SP>enable
S3400-48T4SP#copy tftp: flash
Source file name[]?S3400-48T4SP_V69259.bin
Remote-server ip address[]?192.168.1.2
Destination file name[S3400-48T4SP_V69259.bin]? S3400-48T4SP_V69259.bin
#####
#####
TFTP:succesfully receive 10042 blocks, 5141437 bytes
S3400-48T4SP#config
S3400-48T4SP_config#boot system flash S3400-48T4SP_V69259.bin
S3400-48T4SP#reboot
    
```

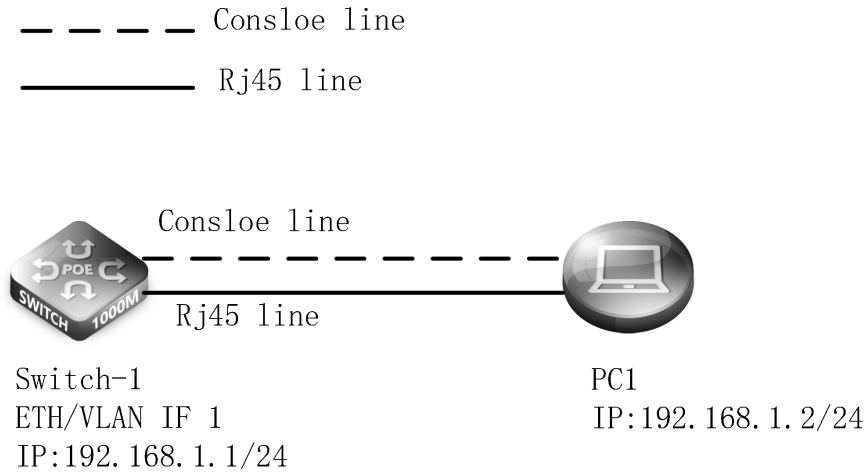
1.7 Restart to Test

After restarting the device, check whether the current version has been upgraded successfully.

```
S3400-48T4SP#show version
Fiberstore Co., Limited Internetwork Operating System Software
S3400-48T4SP Series Software, Version 2.2.0C Build 69529, RELEASE SOFTWARE
Copyright (c) 2018 by FS.COM All Rights Reserved
Compiled: 2019-8-21 14:48:50 by SYS, Image text-base: 0x80008000
ROM: System Bootstrap, Version 0.5.0,hardware version:V1.0
Serial num:CG1906060099N0035, ID num:E20005013865
System image file is "sw.bin"
FS S3400-48T4SP RISC
131072K bytes of memory,16384K bytes of flash
Base ethernet MAC Address: 64:9d:99:20:8f:f1
snmp info:
  vend_ID:52642  product_ID:348  system_ID:1.3.6.1.4.1.52642.1.348.0
Switch uptime is 0:00:00:50, The current time: 1970-1-1 0:0:50
```

2. Upgrade through WEB Interface

Network Topology



Configuration Steps

2.1 Configure IP of VLAN 1 Interface

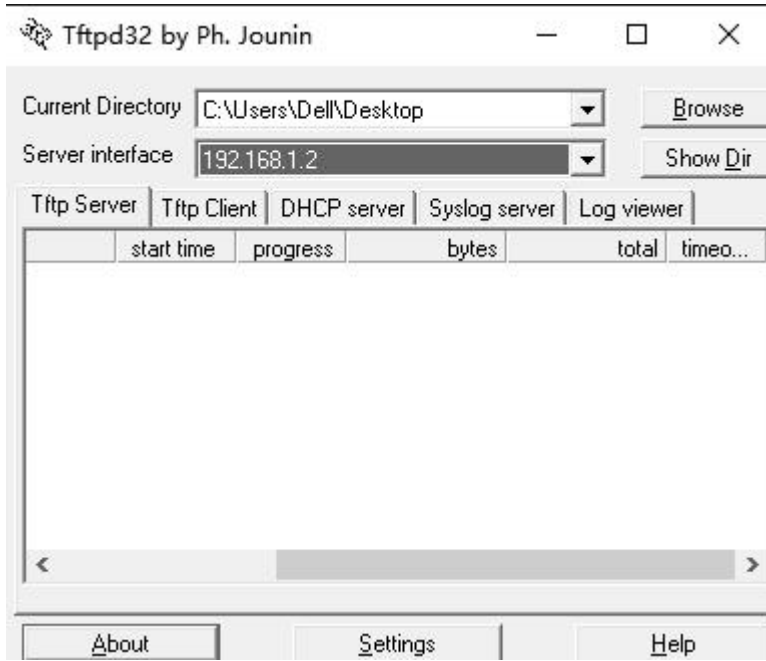
The web interface software upgrade needs to enter the CLI interface and open the switch configuration management port IPv4 address / Mask and HTTP Server.

```

S3400-48T4SP#config
S3400-48T4SP_config#ip http server
S3400-48T4SP_config#interface vlan 1
S3400-48T4SP_config_v1#ip add 192.168.1.1 255.255.255.0
    
```

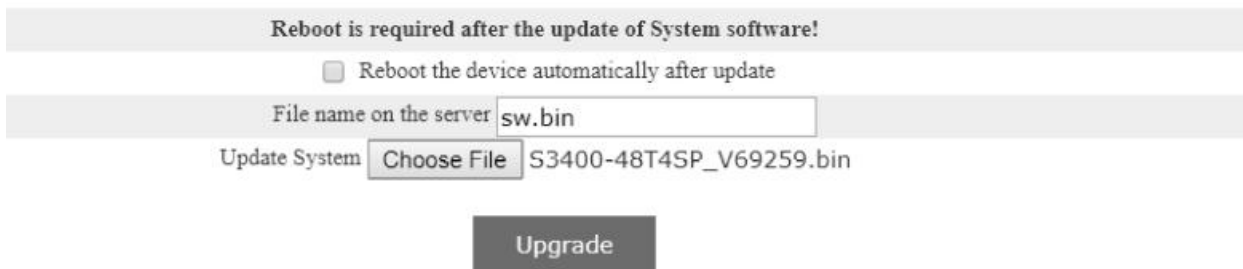
2.2 Log in WEB Interface

Configure the IP of the PC and the IP of the switch as the same network segment, enter the IP address of the management interface in the URL of the browser: **192.168.1.1**. At this time, enter the default username and password **admin/admin**.



2.3 Upgrade System File in WEB Interface

Enter the WEB Interface of the switch, click on System Management>System Software>Choose File, and click Upgrade. After completing upgrade, restart the device.



Note:

Select the file which needs to be upgraded on TFTP. Don't close the upgrade page or power down the device during the upgrade.

2.4 Check the System Version in the WEB Interface of the Device

BIOS Version	0.5.0
Firmware Version	2.2.0C Build 69259
Serial No.	CG1906060099N0035
MAC Address	64:9D:99:20:8F:F1
IP Address	192.168.1.1
Current Time	1970-1-1 0:3:50
Uptime	0 Day -0 Hour -3 Minute -50 Second
CPU Usage	28%
Memory Usage	30%

