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FS S5800-48F4S Multi Port Gigabit Ethernet Switch User Guide

**S5800-48F4S Switch FSOS
Software Upgrade Guide
Model: S5800-48F4S**

Contents

Configuration Considerations

The upgrade guide suits for the model of switch as shown in table 1:

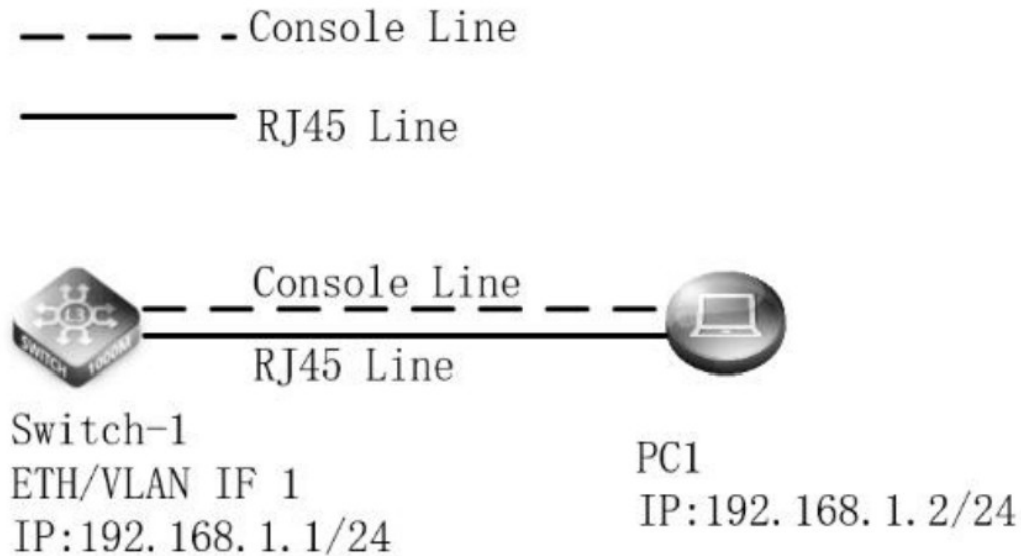| Series	Product Model
S5800 Series	S5800-48F4S

Table 1

Introduction

When new features are added or the original performance needs to be optimized and the currently running version is out of date, the device needs to be upgraded.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

Upgrade the Software System Versions

3.1 Upgrade by CLI Interface
3.1.1 Network Topology

3.1.2 Configuration Steps
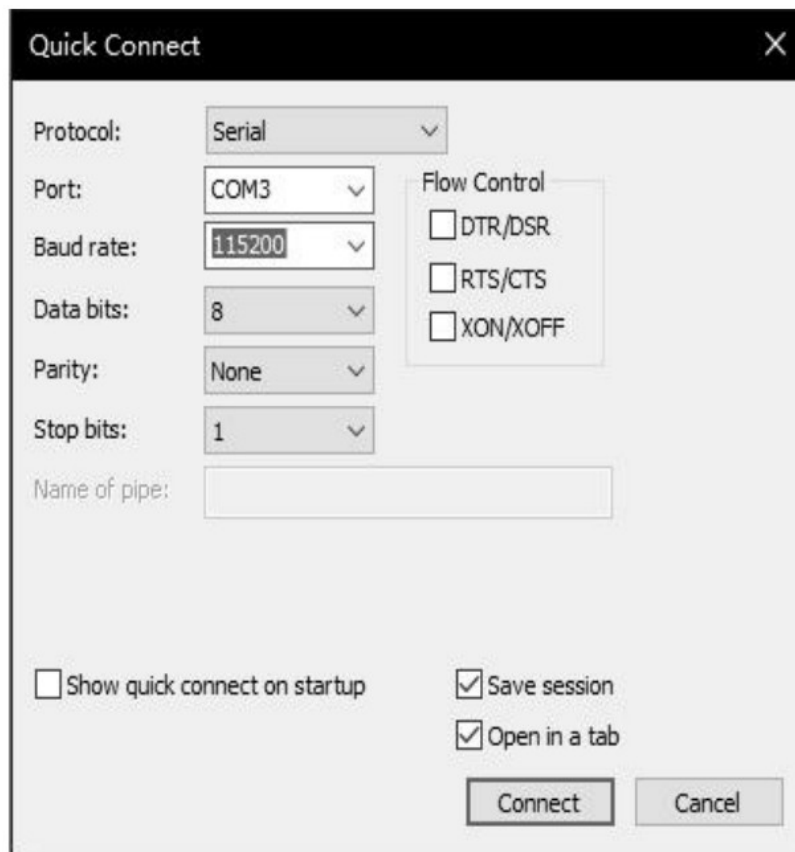
1. **Connection Equipment**

   #Connect the PC and the switch to the network cable and the console port as shown in topology. 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.

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 mode of serial port of login, Port through the device manager to determine. Baud rate: 115200, Data bits: 8, Parity: None, Stop bits: 1. (Reference below)
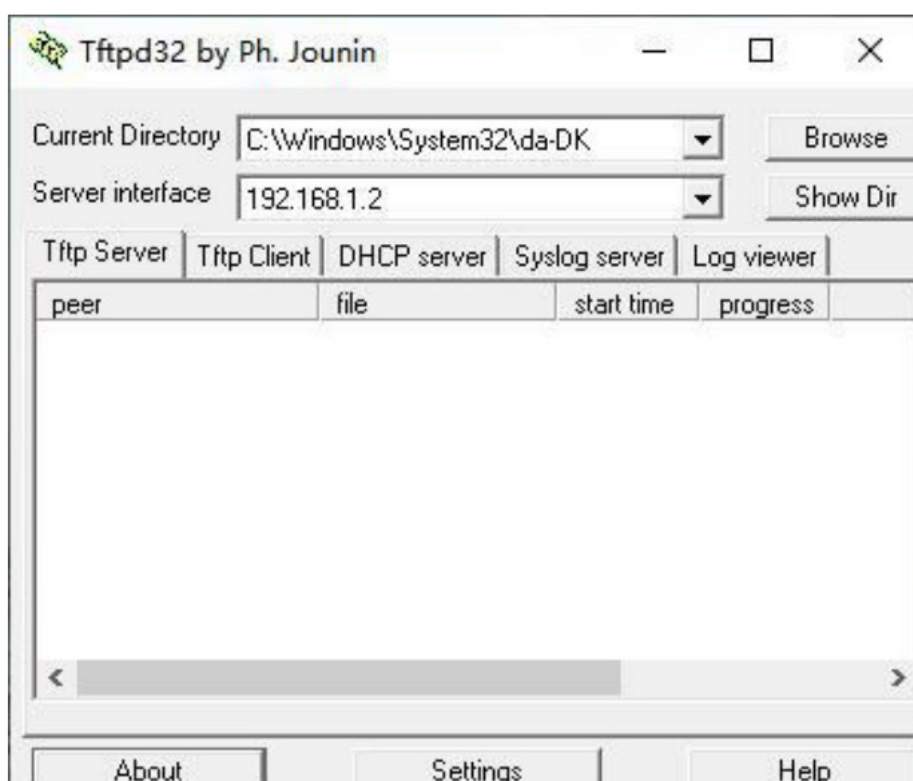
NOTE: COM Number can be viewed through device manager. [(right click on "my computer" > "manage" > "device manager" > "port (COM and LPT)"]. If it displays an unrecognized USB device, please download and install the corresponding driver.

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 s witch.

5. **Select the file to be uploaded on Tftp32 software**

#Install and open the software Tftp32 on PC, specify the current directory as the directory corresponding to the file to be uploaded, and select the current IP address of PC1 on the server interface.

6. **Download version file and upgrade version**

#CLI interface software upgrade means the user selects the file to be upgraded on TFTP and uploads it to the device for upgrade. After specifying the next file enabled by the system is completed, the configuration is saved and restarted to take effect.

View the device space size:

```
S5850-32S2Q# show file system
File Systems:

Type          Size      Used      Free      Use%

============================================================

flash:        887M      1.6M      880M      0%
flash:/boot   775M      47.0M     724M      6%
```

Upload OS files with FTP protocol

S5850-32S2Q#copy mgmt-if **ftp://192.168.1.2** flash:/boot

User name [] admin

Password [] Name of the FTP file to access [] FSOS-S5850-v7.2.2.r.bin

Are you sure to overwrite flash:/boot/FSOS-S5850-v7.2.2.r.bin? [confirm] Download from URL to temporary file.

Get file from **ftp://admin@192.168.0.58:21/FSOS-S5850-v7.2.2.r.bin**

Connected to **192.168.1.2** (**192.168.1.2**)

220 **http://www.aq817.cn**

Name (**192.168.1.2:admin**):

331 Password required for admin.

230 User admin logged in.

Remote system type is UNIX.

Using binary mode to transfer files.

200 Type set to I.

local: /tmp/recv2139 remote: FSOS-S5850-v7.2.2.r.bin

200 Port command successful.

150 Opening data connection for FSOS-S5850-v7.2.2.r.bin……………………………………………..

226 File sent ok

25398924 bytes received in 21.6 secs (1.2e+03 Kbytes/sec)

Copy the temporary file to its destination.

……………………………………………………………………………………………..

25398924 bytes in 0.2 seconds, 124018 kbytes/second

Specify the FSOS-S5850-v7.2.2.r.bin file as the file for the next system restart

S5850-32S2Q(config)# boot system flash:/boot/FSOS-S5850-v7.2.2.r.bin

Save configuration and restart

S5850-32S2Q(config)#write

S5850-32S2Q# reboot

Building configuration…

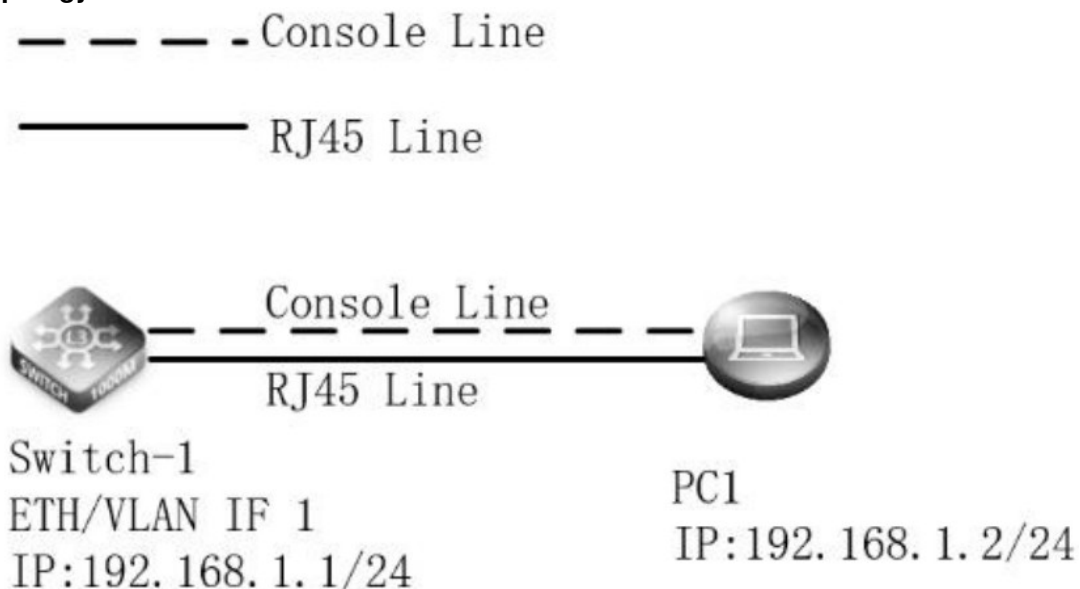Reboot system? [confirm] enter

Restarting system.

7. **Restart for Verification**

#After the restart is complete, check the current device system running version.

S5850-32S2Q# show version

FSOS Software, S5850-32S2Q, Version 7.2.2

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The current running image is flash:/boot/FSOS-5850-v7.2.2.r.bin

S5850-32S2Q uptime is 0 days, 0 hours, 57 minutes

Hardware Type is 32S2Q

Hardware Version is 2.0

SDRAM size 1024M

Flash size 2048M

EPLD Version is 1.2

BootRom Version is 8.1.1

System serial number is CG170728002977N005

Current Web Version is 6.2.27

3.2 Upgrade by WEB Interface
Network Topology

Configuration Steps
3.2.1 Configure the IP of management interface
It needs to enter the CLI interface to open the switch configuration management port IP address and open the HTTP service in WEB interface software upgrade.
S5850-32S2Q#config
S5850-32S2Q(config)#management ip address **192.168.1.1/24**
S5850-32S2Q(config)#service http enable
3.2.2 Login in the WEB Interface
Sure that the IP addresses of PC and switch as the same network segment, enter the management port IP address: **192.168.1.1** in the URL field of the browser, and then enter the default username and password: admin/admin

3.2.3 Upgrade the switch system file on the WEB Interface

After entering the switch WEB interface, select "System Management > File Management > upload image", then click "Use **Image**"

flash: Total size: 887M, Free size: 874M
flash:/boot Total size: 775M, Free size: 625M

Browse file: [_____] Scan... The max size of file can be uploaded is 34M [Upload As File] [Upload As Image] [Upload Web Image]

Select	Name	Directory	Size	Usage	Operation
☐	fs	flash:	3.3K		
☐	abc	flash:	517B		
☐	bcd	flash:	320B		
☐	bgp	flash:	1.9K		
☐	ust	flash:	2.2K		
☐	startup-config.conf	flash:	2.5K	Startup config*	Backup Config
☐	abc2	flash:	212B		
☐	startup-config.conf	flash:/boot	1.8K	Startup config*	Use Config
☑	FSOS-5850-v7.2.2.r.bin	flash:/boot	25.0M	System Image	Use Image

NOTE: Select the file to be upgraded on the WEB interface, please do not close the upgrade page or power off the device during the upgrade.

3.2.4 View the current system version running on the WEB interface

Device Information

Product ID	S5850-48s2q4c		WebImage Name	flash:FSOS-webImage-v6.2.29.r3.bin
Location			BootRom Version	8.1.1
Device Name	Switch-2		Hardware Version	2.0
Contact			EPLD Version	4.0
Software	FSOS, 7.2.2		Serial Number	CG170323035713N003
Image Name	FSOS-5850-v7.2.2.r.bin		MAC Address	00:1E:08:0C:EA:40
Web Version	6.2.29.r3		Uptime	0 days, 15 hours, 21 minutes

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Documents / Resources

FS S5800-48F4S Multi Port Gigabit Ethernet Switch [pdf] User Guide
S5800-48F4S Multi Port Gigabit Ethernet Switch, S5800-48F4S, Multi Port Gigabit Ethernet Switch, Gigabit Ethernet Switch, Ethernet Switch

References

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