



FS S5900-24S4T2Q Multi-Port Gigabit Ethernet Switch User Guide

[Home](#) » [FS](#) » FS S5900-24S4T2Q Multi-Port Gigabit Ethernet Switch User Guide



S5900-24S4T2Q Multi-Port Gigabit Ethernet Switch User Guide

Contents [[hide](#)]

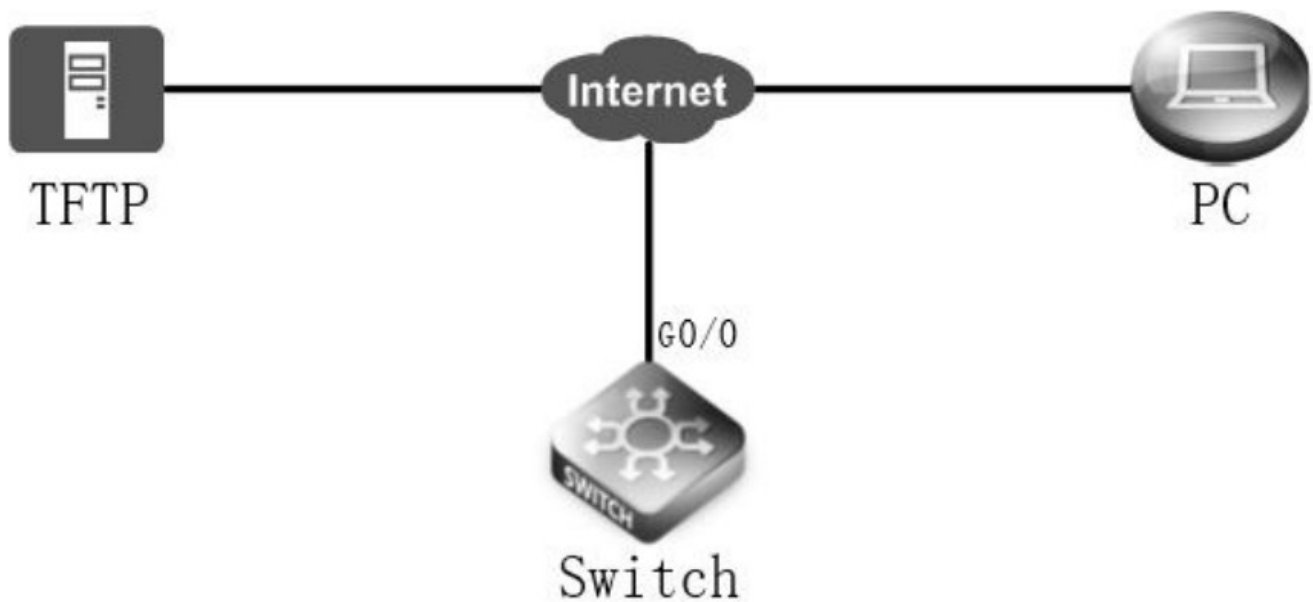
- [1 Introduction](#)
- [2 Upgrade by CLI Interface](#)
- [3 Upgrade by WEB Interface](#)
- [4 Documents / Resources](#)
 - [4.1 References](#)
- [5 Related Posts](#)

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When new features are added or the original performance needs to be optimized and the currently running version is out of date, the device needs to be upgraded.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

Network Topology



Configuration Steps

1.1 Connection Equipment

Connect the switch to the public network through the management port as shown in network topology, and configure the management IP address so that the switch can communicate with the TFTP server and the PC.

1.2 Download the Configuration Software

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

1.3 Switch on and Use Login Software

Power on the switch, open the login software installed, select the telnet login mode, enter the switch's management IP address, and connect to the switch. (as shown below)

FS S5900-24S4T2Q Save All | English | 中文 | Logout | Port Panel | About

System Software

Device Status

Basic Config

Port Config

L2 Config

L3 Config

Advanced Config

Network Mgr.

Diagnostic Tool

System Mgr.

User Mgr.

Log Mgr.

Startup-config

System Software

Factory Settings

Reboot

Backup System

Current software version: flash:/S5900.bin, 2.2.0D Build 70424 Build 70424, 2020-1-10 15:1:2 by SYS

File name on the server:

Backup System

Update System

Reboot is required after the update of System software!

☒ Reboot the device automatically after update

File name on the server:

Update System

Upgrade

1.4 Log in to the 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 View the Current Version Information

View the current software version information by using CLI command.

S5900#show version

Fiberstore Co., Limited Internetwork Operating System Software
S5900-24S4T2Q Series Software, Version 2.2.0D Build 70424, RELEASE SOFTWARE
Copyright (c) 2018 by FS.COM All Rights Reserved
Compiled: 2020-1-10 15:1:2 by SYS, Image text-base: 0x108000
ROM: System Bootstrap, Version 0.4.5, hardware version: A
Serial num: CG1904033374N0029, ID num: 20027002397
System image file is "flash:S5900.bin"
FS S5900-24S4T2Q RISC
2097152K bytes of memory, 32768K bytes of flash
Base ethernet MAC Address: 64:9d:99:20:6c:4b
CPLD version: b1
snmp info:
vend_ID: 52642 product_ID: 335 system_ID: 1.3.6.1.4.1.52642.1.335.0
S5900 uptime is 0:00:03:13, The current time: 2020-4-3 2:15:31

1.6 Configure TFTP Server

Place the software version file to the TFTP folder directory on the server, so that the switch can read the software version file during TFTP downloading.

1.7 Download version file and upgrade version

CLI interface software upgrade is that the user selects the file to be upgraded on TFTP and uploads it to the device for upgrade. After upgrade, the system will automatically restart and load to the latest upgrade version.

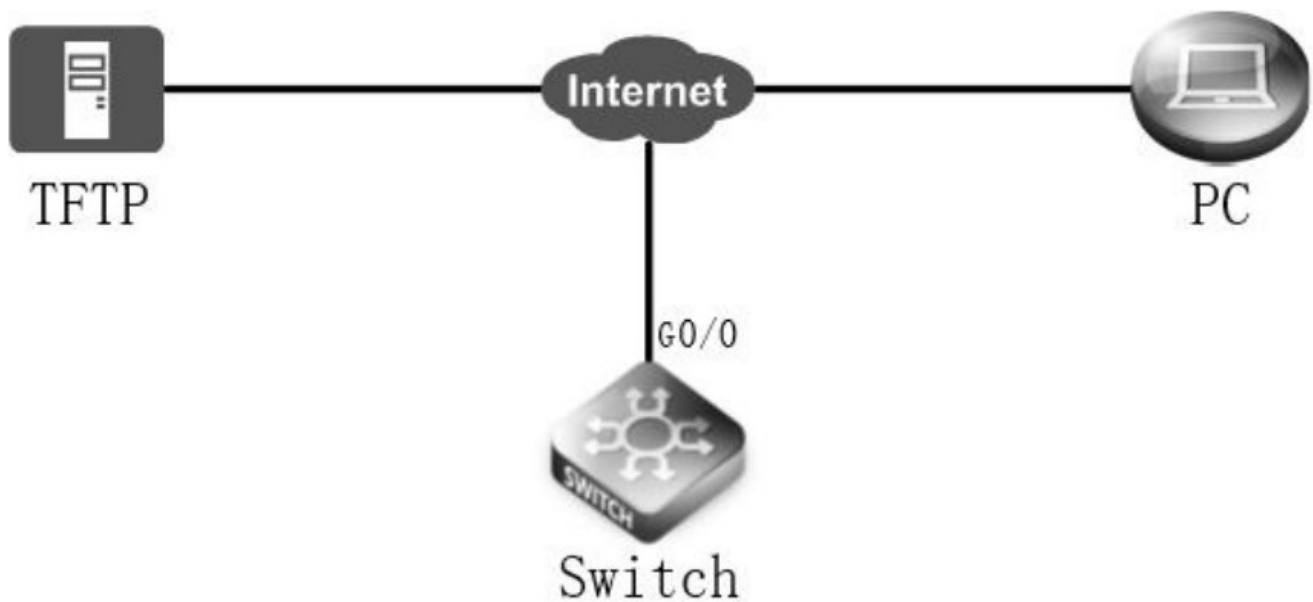
```
S5900#copy tftp flash
Source file name[]?S5900-24S4T2Q_v2.2.0 66315.bin
Remote-server ip address[]?10.32.130.18
Destination file name[S5900-24S4T2Q_v2.2.0 66315.bin]?S5900.bin
#####
#####
#####
TFTP:successfully receive 22216 blocks, 11374495 bytes
S5900#config
S5900_config#boot system flash S5900.bin
S5900_config#quit
S5900#reboot
```

1.8 Restart for Verification

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

```
S5900#show version
Fiberstore Co., Limited Internetwork Operating System Software
S5900-24S4T2Q Series Software, Version 2.2.0D Build 66315, RELEASE SOFTWARE
Copyright (c) 2018 by FS.COM All Rights Reserved
Compiled: 2019-8-15 16:11:44 by SYS, Image text-base: 0x108000
ROM: System Bootstrap, Version 0.4.5, hardware version: A
Serial num: CG1904033374N0029, ID num: 20027002397
System image file is "flash:S5900.bin"
FS S5900-24S4T2Q RISC
2097152K bytes of memory, 32768K bytes of flash
Base ethernet MAC Address: 64:9d:99:20:6c:4b
CPLD version: b1 snmp info:
vend_ID: 52642 product_ID: 335 system_ID: 1.3.6.1.4.1.52642.1.335.0
S5900-1 uptime is 0:00:05:10, The current time: 2020-4-3 2:34:34
```

Upgrade by WEB Interface



Configuration Steps

2.1 Configure the Switch to Log in with WEB Interface

Need to enter the CLI interface for WEB interface software, then open the switch HTTP Server.

```
S5900#config
```

```
S5900_config#ip http server
```

2.2 Login in the WEB Interface

Configure the PC's IP and the switch's IP on the same network segment, enter the management port IP address: 10.32.133.10 in the URL field of browser, and then enter the default user name and password: admin / admin

10.32.133.10

Sign in

http://10.32.133.10

Your connection to this site is not private

Username

Password

2.3 Upgrade the switch system file on the WEB Interface

After entering the switch WEB interface, select System Software> System Software> Select the file, check the reboot line above, and restart automatically after the upgrade. Click Upgrade.

Device Info

Device Status

Device Info

Interface State

Interface Flow

Mac Address Table

Log Query

Basic Config

Port Config

L2 Config

L3 Config

Advanced Config

System Information

Device Type	S5900-24S4T2Q
BIOS Version	0.4.5
Firmware Version	2.2.0D Build 66315
Serial No.	CG1904033374N0029
MAC Address	64:9D:99:20:6C:4B
IP Address	10.32.133.10
Current Time	2020-4-9 18:37:2
Uptime	0 Day -4 Hour -36 Minute -34 Second
CPU Usage	6%
Memory Usage	11%

2.4 View the current system version running on the WEB interface

Quick Connect

Protocol:

Telnet

Hostname:

10.32.133.10

Port:

23

Firewall:

None

☐ Show quick connect on startup

☐ Save session

☐ Open in a tab

Connect


Cancel



<http://www.fs.com>

The information in this document is subject to change without notice. F5 has made all efforts to ensure the accuracy of the information, but all information in this document does not constitute any kind of warranty.

Documents / Resources

	<p>FS S5900-24S4T2Q Multi-Port Gigabit Ethernet Switch [pdf] User Guide</p> <p>S5900-24S4T2Q Multi-Port Gigabit Ethernet Switch, S5900-24S4T2Q, Multi-Port Gigabit Ethernet Switch, Gigabit Ethernet Switch, Ethernet Switch, Switch</p>
-------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

References

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