S5900-24S4T2Q Switch FSOS Software Upgrade Guide

Model: S5900-24S4T2Q

Contents

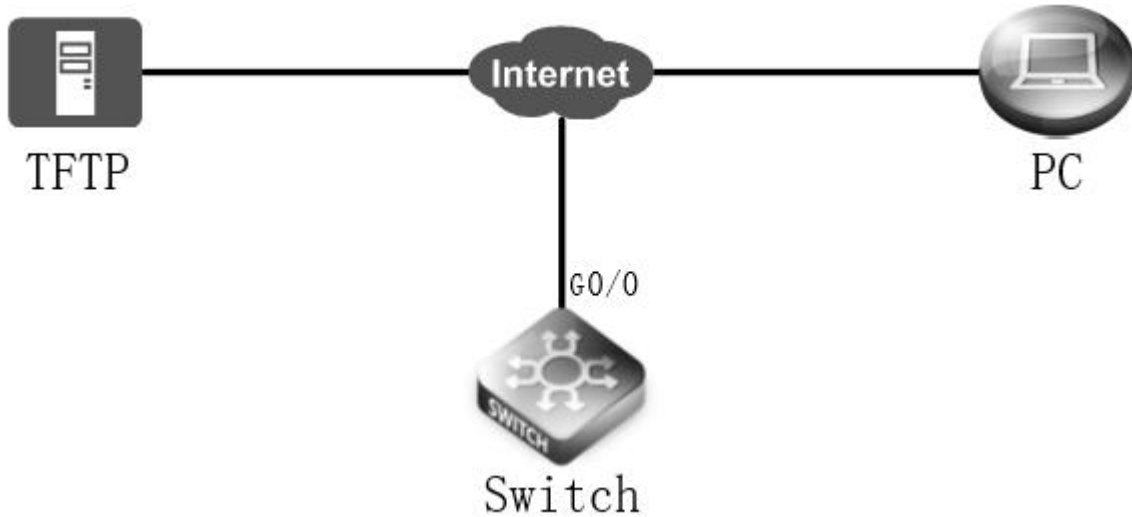# Introduction

When new features are added or the original performance needs to be optimized and the currently running version is out of date, the device needs to be upgraded.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

1. Upgrade by CLI Interface

Network Topology
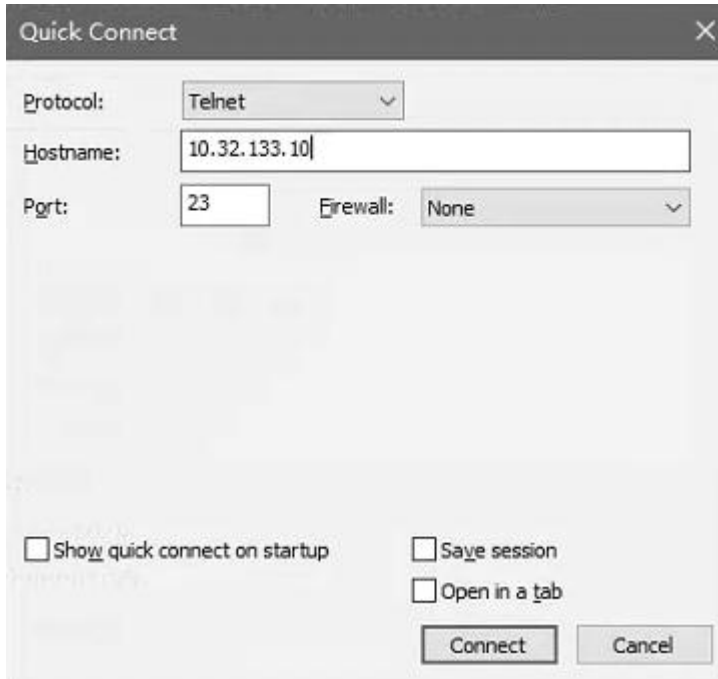

Configuration Steps

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)

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 s witch.

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
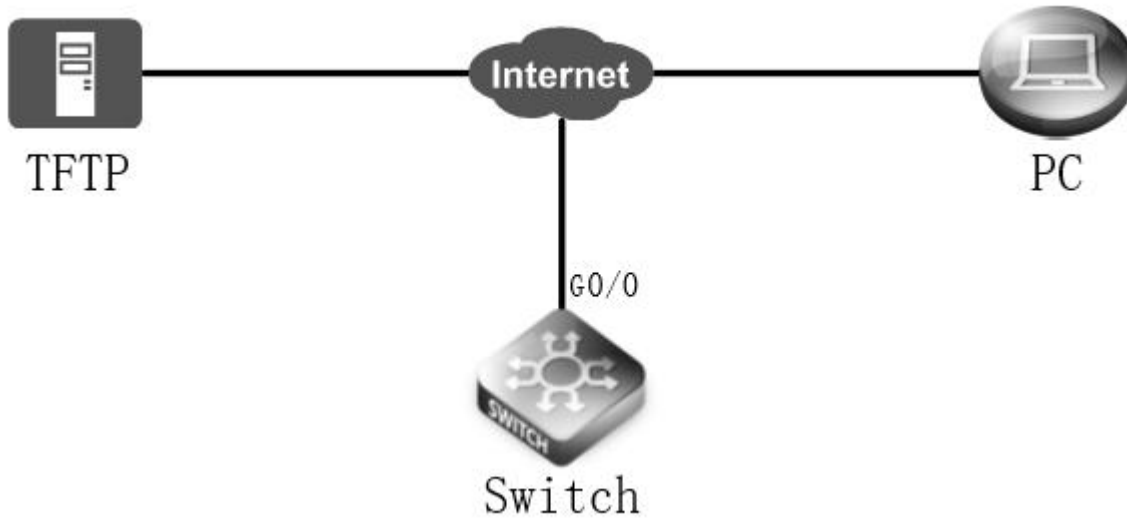
CPLD version:b1

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

2. Upgrade by WEB Interface

Network Topology

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**

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.

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

2.4 View the current system version running on the WEB interface

United Kingdom Russia

Germany

United States

China

Singapore

Australia

🔒 https://www.fs.com ☆

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