S3900 Series Software Upgrade Guide

Models: S3900-24T4S/S3900-24F4S/S3900-48T4S

Contents

1. Introduction to Version Upgrade
2. Configuration Considerations
3. CLI Upgrade
3.1 Network Topology
3.2 Configuration Steps
4. Web Upgrade
4.1 Network Topology
4.2 Configuration Steps

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When new features are added or the original performance needs to be optimized and the current running version is out of date, the device needs to be upgraded.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

Export the switch configuration file to the backup before the upgrade to avoid losing the configuration after the upgrade.

Table 1 shows examples of applicable products and versions.

Series	Models	Supported Version
S3900 series	S3900-24T4S	
	S3900-24F4S	
	S3900-48T4S	

3. CLI Upgrade

3.1 Network Topology



3.2 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 c able 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)

Protocol:	Serial		*	
Port:	COM3	~	Flow Control	
Baud rate:	115200	~	DTR/DSR	
Data bits:	8	v		
Parity:	None	~		
Stop bits:	1	~		
Name of pipe:				
Show quick	connect on star	tup	Save session	incel

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) Upgrade Version

Console# copy tftp file TFTP server IP address: 192.168.1.2 Choose file type: 1. config; 2. Image (opcode) : 2 Source file name: S3900-48T4S-MR-V0164.bin Destination file name: S3900-48T4S-MR-V0164.bin Success.

(6) Application System File

Console#conf t Console(config)#boot system image:S3900-24F4S-MRF-V0164.bin Console(config)#exit Console#restart

NOTE: By default, the switch can only store two system files. When uploading the third file, you need to delete one.

Console#dir Console#delete file unit 1 name

4. Web Upgrade

4.1 Network Topology



4.2 Configuration Steps

(1) WEB Enable

#Open the web service and configure the management port ip to 192.168.1.1 (the default ip address).

Console#conf Console(config)#ip http server Console(config)#interface craft Console(config-if)#ip add 192.168.1.1/24

(2) Login WEB

#Enter the IP address of the management interface in the URL field of the browser: 192.168.1.1, and then enter the default username and password: admin/admin

→ C © 192.168.1.1/home/login_ec.htm		Θ
	G FS	
	Welcome to FS Ethernet Switch	
	8 Account number	
	A Passward	
	III English	
	Sian in	

After entering the WEB interface of the switch, click Device Management>File Management>copy to select the file to be upgraded on TFTP. During the upgrade process, do not close the upgrade page and power off the device.

Сору Туре	HTTP Upload V
File Type	Operation Code V
Source File Name	Choose File No file chosen
Destination File Name	● S3900-48T4S-MR-V0164.bin ▼
Note: During firmware upload, the switch may no	ot respond to commands for a couple of minutes.
	Apply Revert

(1) Copy Type: HTTP Upload
 (2) File Type: Operation Code
 (3) Source File Name: S3900-48T4S-MR-V0164.bin
 (4) Destination File Name: S3900-48T4S-MR-V0164.bin

Click after completing the above steps Apply.

#Click the Startup button in the file management options bar, select the uploaded S3900-48T4S-MR-V0164.bin and click Apply.

ile Management	anagement Device Management > File Management			Stacking Unit 1 +		
He List Total: 5						
	File Name	File Type	Status	Modify Time	Size (bytes)	
8	\$3900-48745-MR-V0164.bin	image	inactive	2018-08-22 09 04 28	19425748	
	\$3900-48T4S-R-P01B001V0156 bin	image	Active	2018-12-17 16:31:56	19458516	
	Factory_Default_Config.ctg	Config File	inactive	2018-12-17 15 46 44	525	
	startup-config	Config File	Active	2018-12-17 15 48 13	2550	
0	startup1.ctg	Config File	Inactive	2018-12-17 15 46:53	2498	

	File Name	File Type	Status	Modify Time	Size (bytes)
۲	S3900-48T4S-MR-V0164.bin	Image	Active	2018-08-22 09:04:28	19425748
0	Factory_Default_Config.cfg	Config File	Inactive	2018-12-17 15:46:43	525
۲	startup-config	Config File	Active	2018-12-17 16:08:38	2605
0	startup1.cfg	Config File	Inactive	2018-12-17 15:46:53	2498

System Reboot

FS \$3900-48T4S				English	Technical support	Save	Logout	L
	System Reboot	Device Management > System Reboo	ot					
 Route Manager ▲ ACL CoS QoS Security 	System Reload Co Reset Mode 🛛	nfiguration: mmediately •	Apply	Revert				
Device Manage SNMP RMON Cluster DNS DHCP								
CAM CFM Time Setting Event Log File Manageme								
Auto Upgrade Ping Trace Route System Rebor								
•			Copyright (c) 2018 I	by FS.COM All Ri	ghts Reserved.			

After the upgrade is complete, the System information column can check whether the upgrade is successful.

FS \$3900-48T4S			English Technical sup	port Save Logout Rel
	Boardinfo			Stacking Unit : 1 🔻
 System Information System Info System Description User Accounts Switch Management Route Management ACL Cos QoS 	S3900-48T4S	50 51 52	Switch Information Switch Model System Name Up Time Serial Number Hardware Version	\$3900-48T4S fs 0 days, 5 hours, 29 minutes, and 28.83 seconds 1234567800000 01
✓ Security	CPU Utilization	rical L IOptical F	Loader version FSOS Software Version Memory Utilization	1.6.4
	100%		50%	
< >	U%	Copyright (c) 2018 by FS.COM A	0%	Mem





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.

Copyright © 2009-2021 FS.COM All Rights Reserved.