N Series Switches FSOS Software Upgrade Guide

Models: N5850-48S6Q; N8550-48B8C; N8550-32C



FS

Contents

1. Introduction to Version Upgrade	1
2. USB Upgrade	1
2.1 Configuration Steps	1
3. CLI Upgrade	4
3.1 Network Topology	4
3.2 Configuration Steps	4

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When new features are added or the original performance needs to be optimized and the current running version is out of date, the device needs to be upgraded.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

2. USB Upgrade

2.1 Configuration Steps

(1) Prepare upgrade file

Copy the software to the usb flash disk and change the name of the file to "onie-installer". Then insert the USB flash disk into the USB port of the switch.

NOTE:

- 1. The file system of the usb flash disk must be FAT32.
- 2. The mgmt interface must be unconnected.

Tools	Hardware	Sharing	ReadyBoos	st Customize
~ [CES_X64FRE	EV		
Type: L	JSB Drive			
Used space	: 1	98,098,94	4 bytes	188 MB
Free spaces	31,9	99 <mark>,3</mark> 11,87	2 bytes	29.8 GB
Capacity:	32,1	97 <mark>,4</mark> 10,81	6 bytes	29.9 GB
	(0		
		Drive F:		

Figure 1 USB flash disk type

			Manage	CES_X04FREV (F:)				
e Home	Share	View	Drive Tools					
→ * ↑ =	> CES	_X64FREV (F	F:)					~ (
		Name	^		Date modified	Туре	Size	
Desktop	#	📄 onie-	installer		11/15/2020 10:01	File	193,422 KB	
Downloads	#							
Documents	A							

Figure 2 Software name

(2) 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).

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.

Protocol:	Serial		~	
The port may	be manually er	ntered or	selected from the list.	
Port:	COM4 USE	Serial P	ort ~	
Baud rate:	115200	~		
Data bits:	8	~		
Parity:	None	~	XON/XOFF	
Stop bits:	1	~		
Vame of pipe:				
Show quick	connect on st	artup	Save session	
			Open in a tab	
			Connect	Cancel

Figure 3 Login CLI configuration page

(3) Upgrade Software

After completing the above steps, hitting the Enter key of the keyboard will prompt you to enter the upgrade interface. Select "ONIE: Install OS" and hit the enter key of the keyboard, then it will upgrade and reboot itself.

GNU GRUB version 2.02~beta3

*ONIE: ONIE: ONIE: ONIE: ONIE: ACCTOM	Install OS Rescue Uninstall OS Update ONIE Embed ONIE N-DIAG					
Use Pre bet The h	e the ^ and v ess enter to b fore booting o ighlighted ent	keys to sele wot the sele r`c'for a ry will be e	ect which en ected OS, `e command-lin executed aut	try is high ' to edit t e. omatically	nlighted. the commands in 4s.	

Figure 4 Upgrade interface

(4) Boot from FSOS

When upgrade successfully, Select "FSOS" and it will reboot from FSOS.



Figure 5 Boot from FSOS

3. CLI Upgrade

3.1 Network Topology



Figure 1 PC connection switch page

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).

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.

rotocol:	Serial		~	
he port may b	oe manually er	ntered or	r selected from the list.	
ort:	COM4 USE	Serial P	ort ~	
aud rate:	115200	~		
ata bits:	8	~		
arity:	None	~	XON/XOFF	
top bits:	1	~		
lame of pipe:				
			-	
Show quick	connect on st	artup	Save session	

Figure 2 Login CLI configuration page

(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/12345 to log in to the switch.

(5) Upgrade Software

After logging in to the switch, open the installed TFTP upload software, specify the server root directory in its options, and put the files to be uploaded into this directory.

	0.9 10. 11	ork/uboot			owse
erver interfac	ces 127.0	0.0.1	Software L	▼ Sh	ow <u>D</u> ir
Tftp Server	Tftp Client	DHCP server	Syslog server	Log viewer	
peer		file	start time	progress	

Figure 3 TFTP server configuration page

(6) Upgrade System File

FS(config)#tftp get 192.168.1.2 onie-installer

Local path is "/ram/download".

Getting data...

198063382 bytes downloaded %Transmission success.

FS(config)#upgrade os

WARNING:System will upgrade! Continue?[y/n][n]y System now is upgrading,please wait. %Local path is "/ram/download". OK

(7) Reboot the device

FS(config)#reboot

WARNING:System will reboot! Continue?(y/n) [y]y

System now is rebooting, please wait.



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 © 2009-2022 FS.COM All Rights Reserved.