

N Series Switches FSOS Software Upgrade Guide

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

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When new features are added or the original performance needs to be optimized and the current running version is out of date, the device needs to be upgraded.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

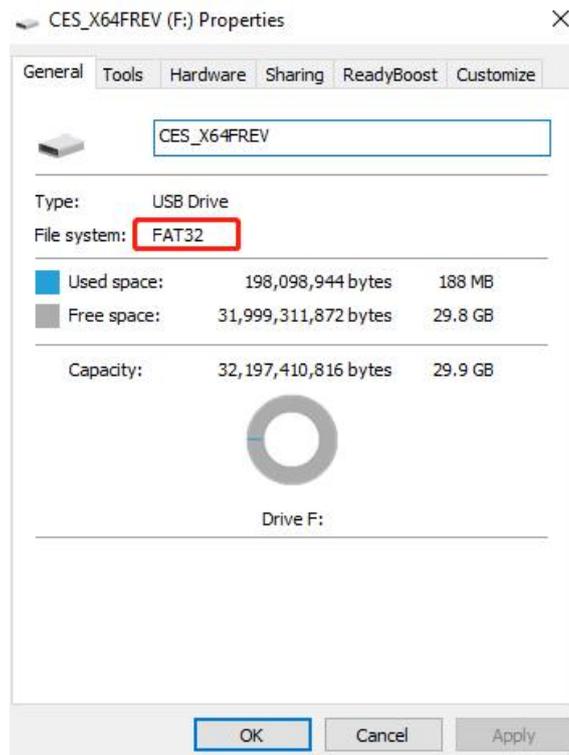


Figure 1 USB flash disk type

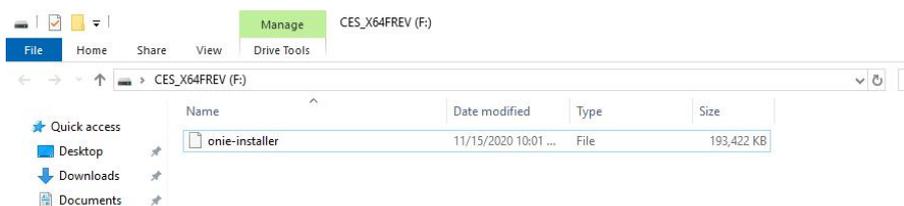


Figure 2 Software name

(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.

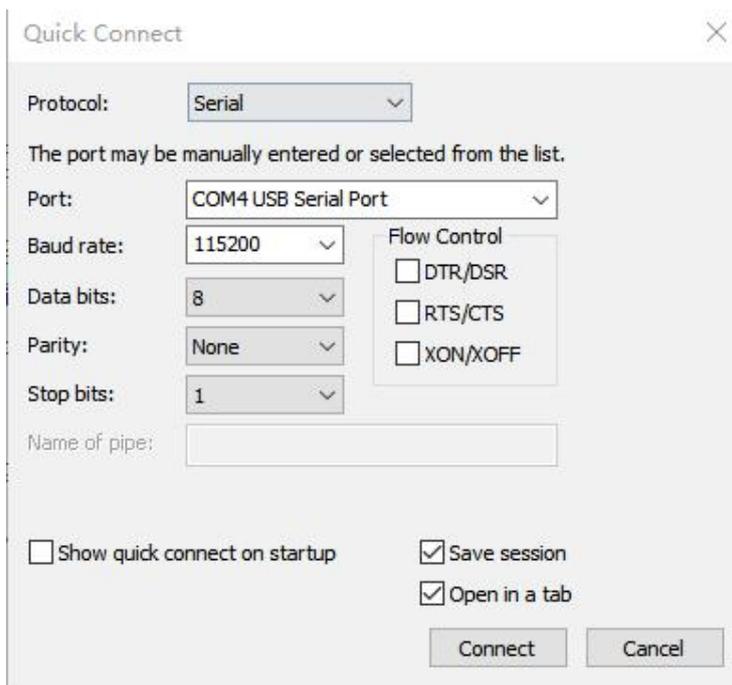


Figure 3 Login CLI configuration page

(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.

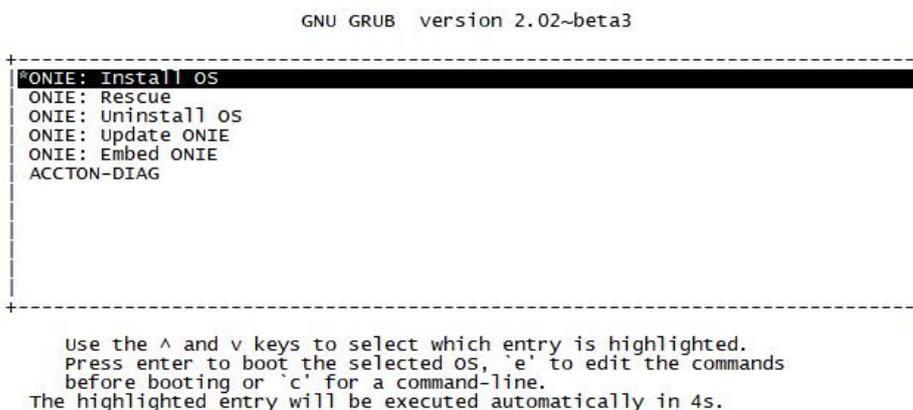


Figure 4 Upgrade interface

(4) Boot from FSOS

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

GNU GRUB version 2.02~beta3



Use the ^ and v keys to select which entry is highlighted.
Press enter to boot the selected OS, `e' to edit the commands
before booting or `c' for a command-line.
The highlighted entry will be executed automatically in OS.

Figure 5 Boot from FSOS

3. CLI Upgrade

3.1 Network Topology

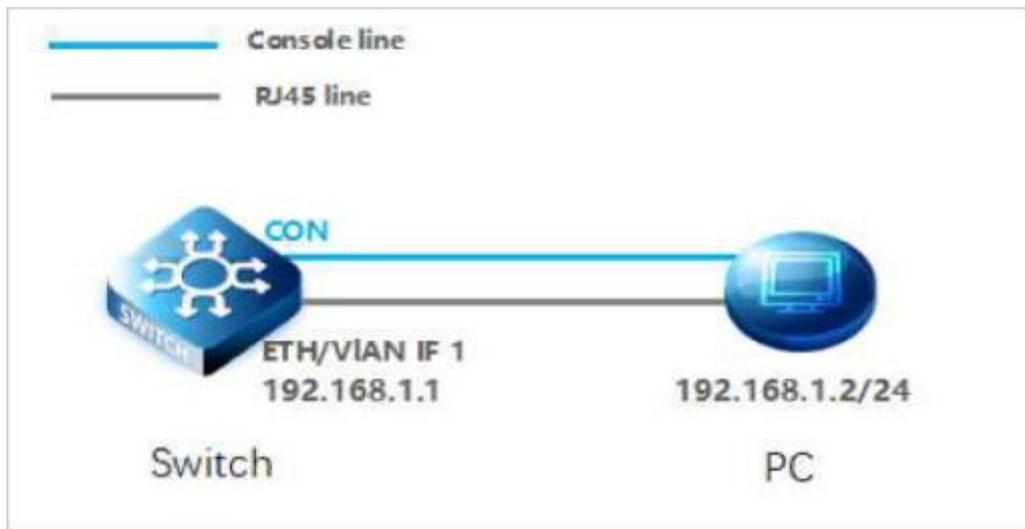


Figure 1 PC connection switch page

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 cable 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.

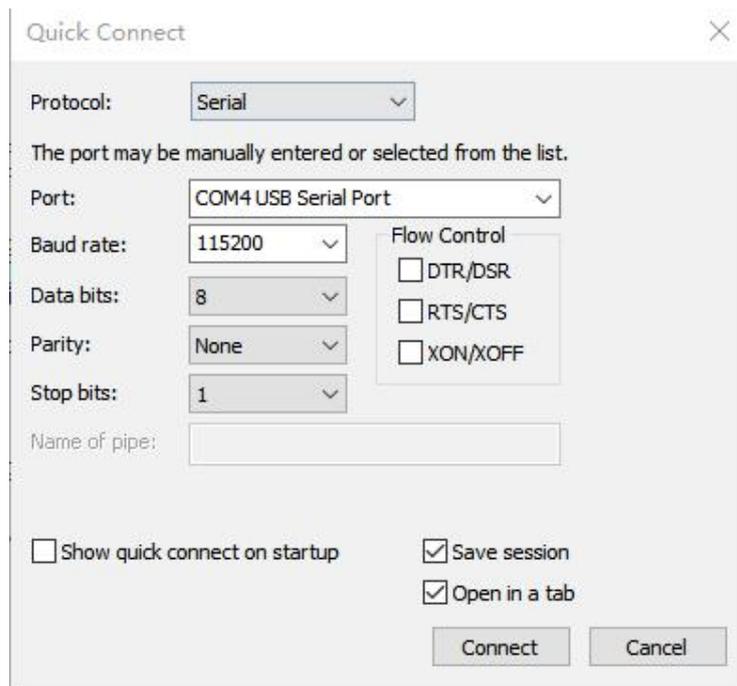


Figure 2 Login CLI configuration page

(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.

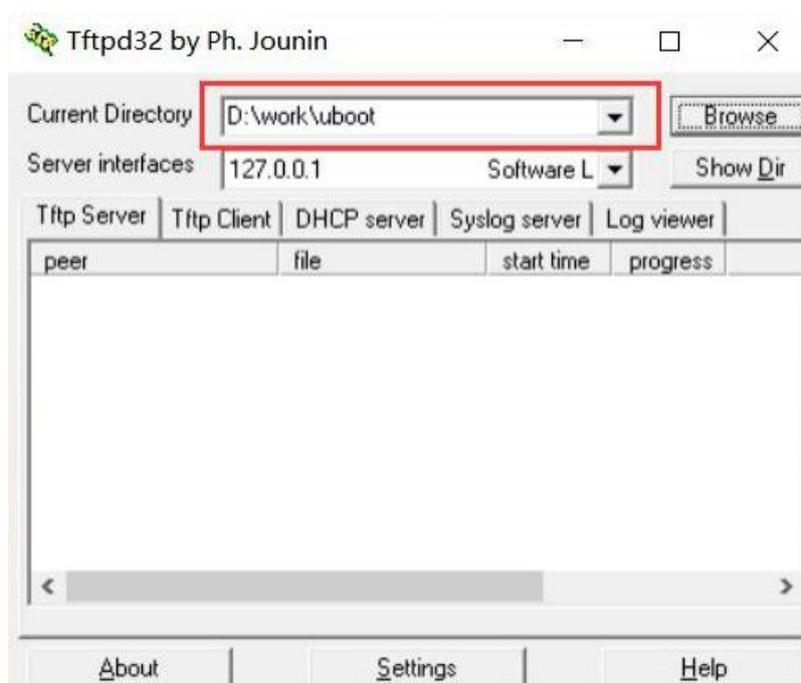


Figure 3 TFTP server configuration page

(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.
```



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