



S38 Basic Configuration

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1 Web Login Summary

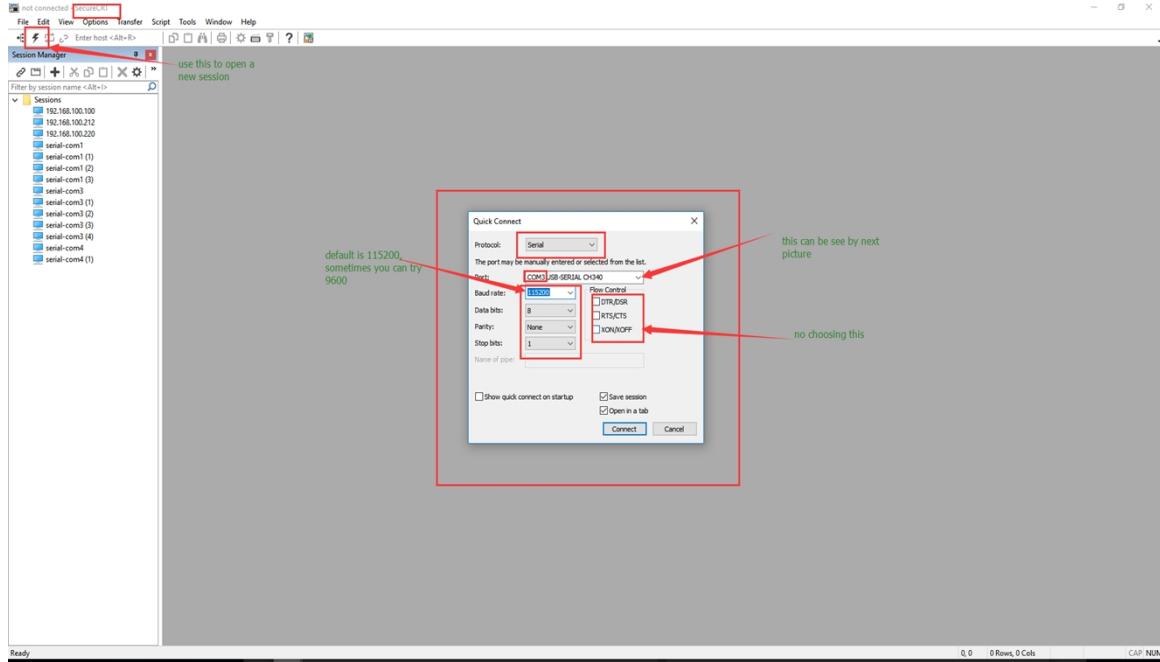
1.1 Overview

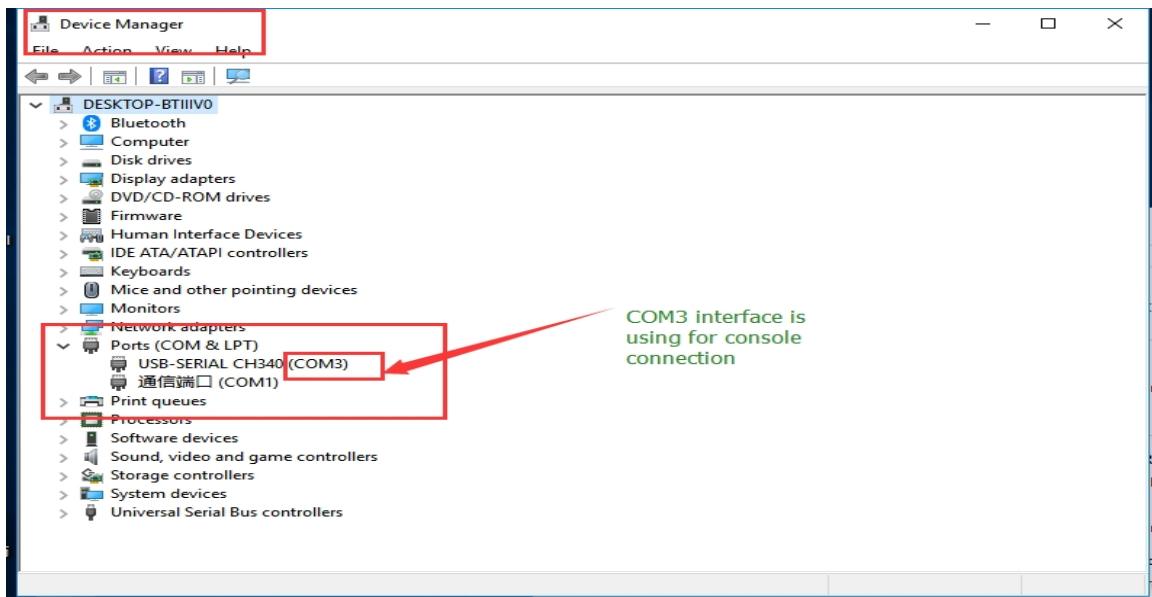
This chapter describes how to configure the switch to support logging in by HTTP.

1.2 Management IP/ Route Configuration

Before Web network management, user should configure the management IP and route by CLI on switch, first connect the computer and switch with a console line, and then enter the switch to configure the commands.

The default login user name of the S38 series is admin, and the password is 123456, The baud rate is 115200.





Set management IP address:

```
S3800-24T4S>enable
```

```
S3800-24T4S # configure terminal
```

```
S3800-24T4S (config)# interface vlan 1
```

```
S3800-24T4S (config-if-vlan)# ip address 10.10.38.1 255.255.254.0
```

1.3 User Configuration

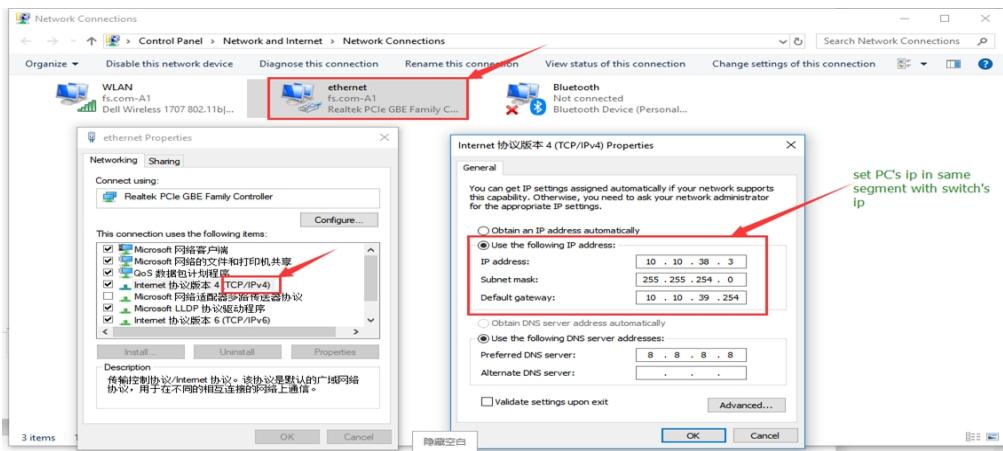
User should add loginning user by CLI before access switch by HTTP.

For example: S3800-24T4S (config)#username admin privilege 4 password 123456

1.4 Http Configuration

Step 1

Set the computer to the same network segment as the switch management ip.



Step 2

Enable HTTP service for web network management :

```
S3800-24T4S>enable
```

```
S3800-24T4S # configure terminal
```

```
S3800-24T4S(config)#http enable
```

1.5 Web Login

Step 1

Open IE browser, input address field with URL (Universal Resource Locator) address of the switch.

Step 2

Enter username and password which user created with CLI, the login page is shown as the figure below.



Figure 1-1: Login page

Step 3

Enter the main page.

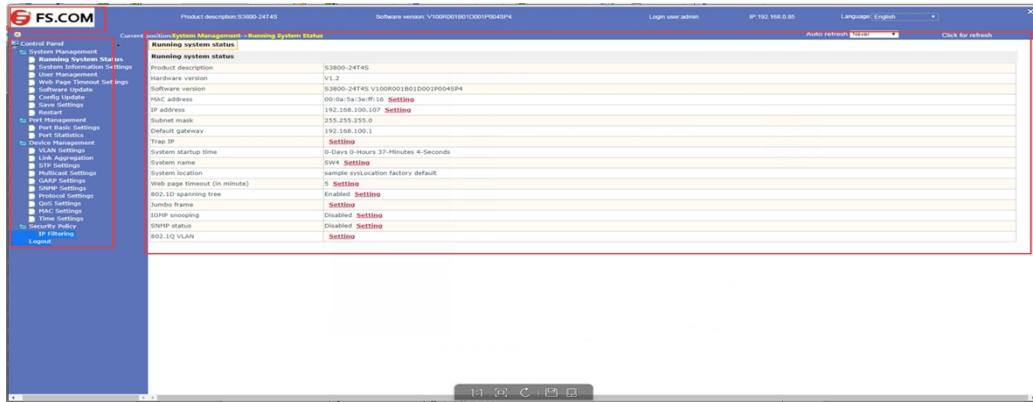


Figure 1-2: Main page

Parameter usage

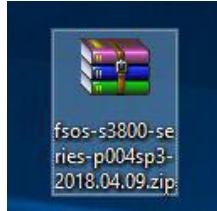
| Parameter Item | Instructions |
|----------------|----------------------|
| 1 | The picture of logo |
| 2 | The name of the user |
| 3 | Navigation area |
| 4 | Operating area |

2 Firmware upgrade

2.1 Upgrade in web

Step 1

Download the upgrade file fsos-s3800-series-p004sp3-2018.04.09 .arj and place it in the desktop directory



Step 2

Open the browser and enter the switch management IP in the address bar to enter the web interface

Step 3

username : admin

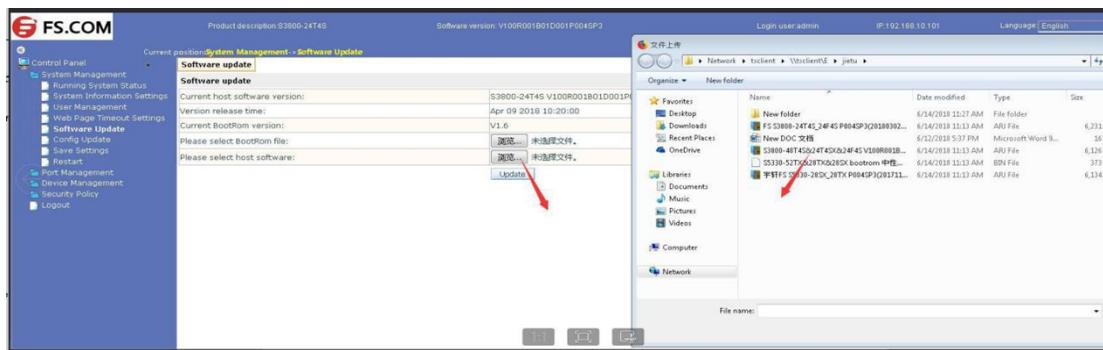
Password : admin

Step 4

Click on“System Management”—“Software Update”

Step 5

Select the upgrade file in “Please select host software:” and click Upgrade



Step 6

Display upgrade successful



Step 7

Save the configuration , then restart the switch (you can restart the web interface here.)

S3800-24T4S#copy running-config startup-config

```
S3800-24T4S#reboot
If you do not save the settings, all changes made will be lost.
Are you sure you want to proceed with the system reboot(y/n)?[n]
```

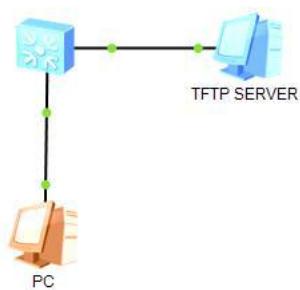
Step 8

Enter the command "show version" to view the current version and check whether the upgrade is successful.

```
S3800-24T4S#show version
software platform      : Broadband Network Platform Software
software version       : S3800-24T4S V100R001B01D001P004SP3
copyright             : Copyright (c)
compiled time          : Apr 09 2018 10:20:00
processor              : ARM Cortex-A9, 400MHz
SDRAM(bytes)          : 512M
flash memory(bytes)   : 16M
MAC address            : 00:0a:5a:3e:ff:16
product serial no.    : 0104029400001611020000039
hardware version       : V1.2
bootrom version        : V1.6
```

2.2 Upgrade via tftp server

TOPO:



- (1) First connect the computer and switch with a console line, and then enter the switch to configure commands.

The default login user name of the S3800 series is admin, the password is admin, and the baud rate is 115200.

The example uses SecureCRT software to log in to the switch

- (2) Install a tftpd32 emulation tftp server on the pc then set the pc and switch to the same network segment

switch : 192.168.100.254

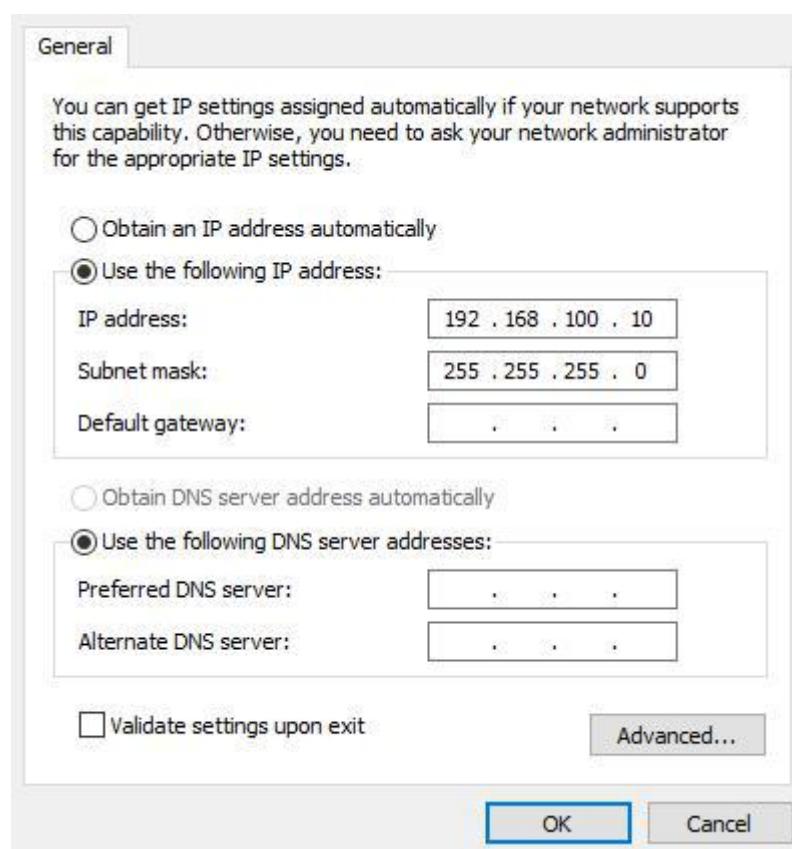
S3800-24T4S>enable

S3800-24T4S # configure terminal

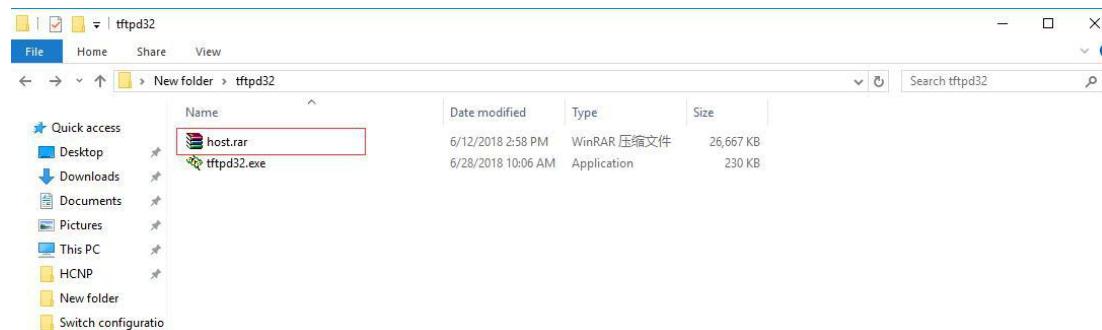
S3800-24T4S (config)# interface vlan 1

S3800-24T4S (config-if-vlan)# ip address 192.168.100.254

255.255.255.0 Pc: 192.168.100.10



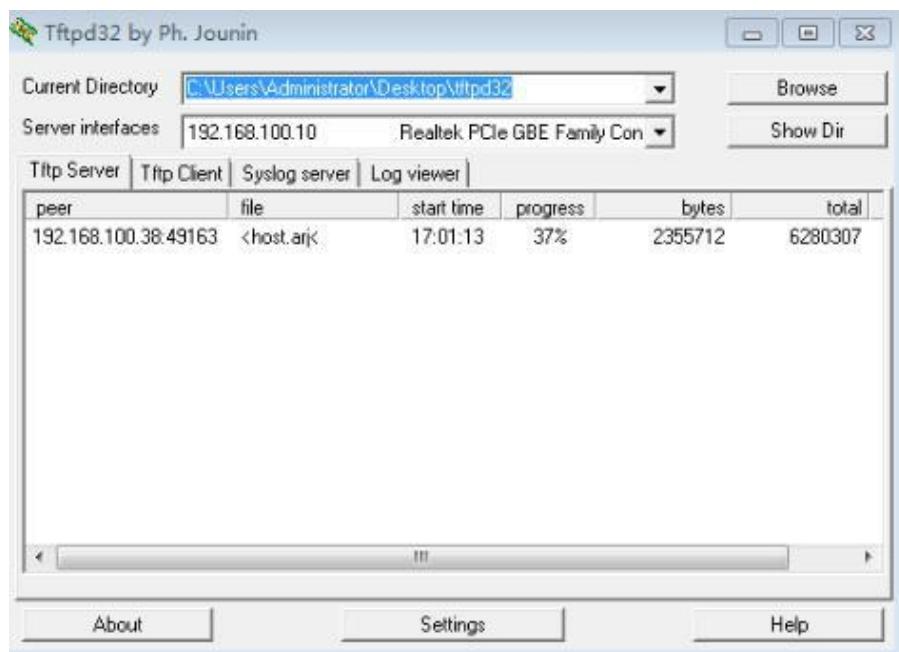
- (3) Open the tftpd32 software and select the server address as 192.168.100.10. Copy the firmware to be upgraded to the root directory of the unzipped tftpd32 file.



(4) Enter the switch to enter the command as shown:

```
S3800-24T4S#load application tftp inet 192.168.100.10 host.arj
Downloading application via TFTP...
```

Wait for the download to complete



Download completed

```
S3800-24T4S#load application tftp inet 192.168.100.10 host.arj
Downloading application via TFTP...
Download application via TFTP successfully.
S3800-24T4S#■
```

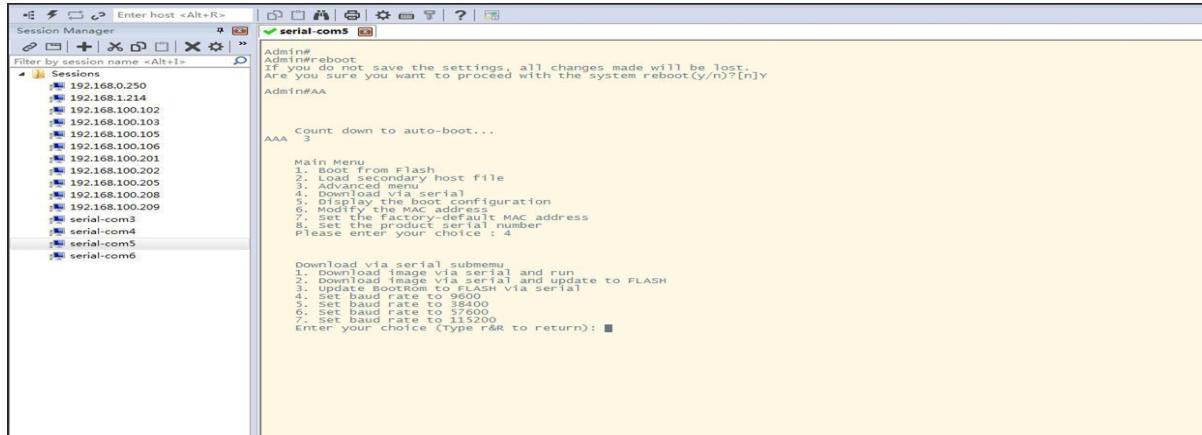
(5) Restart the switch after successful download and complete the upgrade.

(6) Check the current version with the command "show version" to check if the upgrade was successful

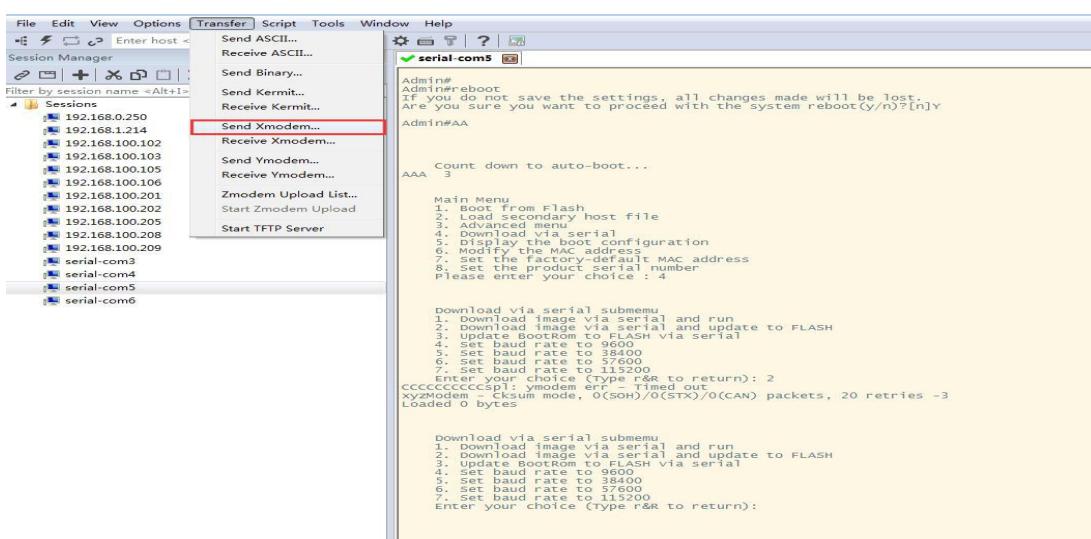
```
S3800-24T4S#show version
software platform      : Broadband Network Platform Software
software version       : S3800-24T4S V100R001B01D001P004SP3
copyright             : Copyright (c)
compiled time          : Apr 09 2018 10:20:00
processor              : ARM Cortex-A9, 400MHz
SDRAM(bytes)          : 512M
flash memory(bytes)   : 16M
MAC address            : 00:0a:5a:3e:ff:16
product serial no.    : 0104029400001611020000039
hardware version       : V1.2
bootrom version        : V1.6
```

2.3 Upgrade via Xmodem

(1) After the switch is started, use the reboot command in the command line to restart the switch. Then hold down "A" until the switch enters bootrom mode. Then enter "4" to enter the serial download



(2) On the serial download page, you can set the default baud rate of the switch, select “2” to upgrade the system, and then select “Transmit”—“Send Xmodem” on the SecureCRT to select the firmware to be upgraded.



(3) Then wait for the firmware to finish uploading

3 View module DDM information

3.1 View module DDM information

S3800-24T4S#show interface sfp ethernet 0/1/4

Module DDM information is displayed normally

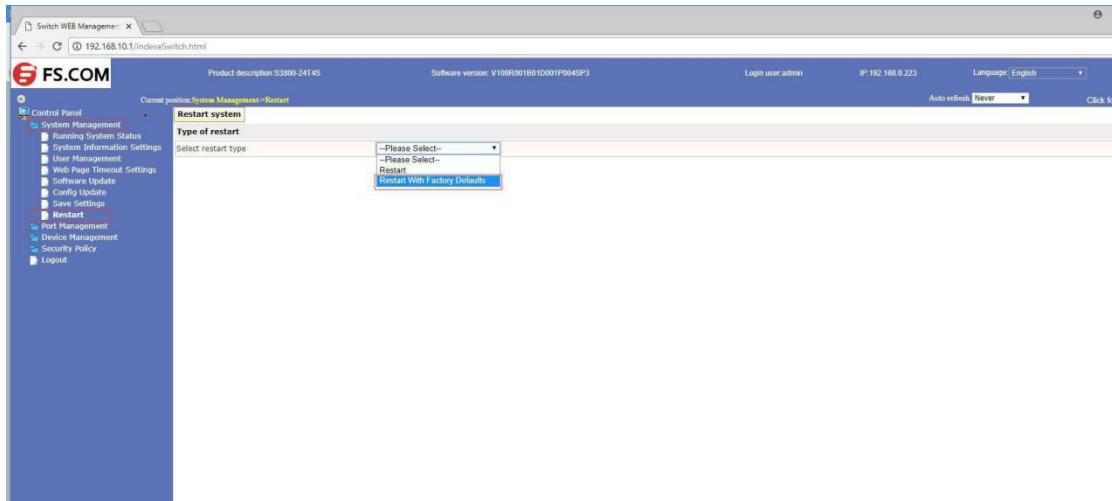
```
S3800-24T4S#show interface sfp

Port e3/1/3 :
Common information:
  Transceiver Type          :SFP/SFP+
  Compliance                :1000BASE-SX
  Connector Type             :LC
  WaveLength(nm)             :850
  Transfer Distance(m)       :550(50um)
  Digital Diagnostic Monitoring :YES
Manufacture information:
  Manu. Serial Number       :1707130576
  Manufacturing Date         :2017-07-13
  VendorName                 :Fiberstore
Diagnostic information:
  Temperature(               :28
  Voltage(V)                  :3.4051
  Bias Current(mA)            :3.200
  Bias High Threshold(mA)     :85.00
  Bias Low Threshold(mA)      :0.00
  RX Power(dBm)                :-4.70
  RX Power High Threshold(dBm) :-1.00
  RX Power Low Threshold(dBm)  :-19.20
  TX Power(dBm)                :-6.20
  TX Power High Threshold(dBm) :-3.00
  TX Power Low Threshold(dBm)  :-9.10
```

4 Restart With Factory Default

4.1 Restart With Factory Default

In the web interface, click "System Management" - "restart" - "Restart With Factory Default"



5 Modify the baud rate

5.1 Modify the baud rate

After rebooting the switch, keep pressing “A” until the switch enters the bootroom mode. Then enter “4” to enter the baud rate setting page of the serial port. Here, you can set the default baud rate of the switch.

