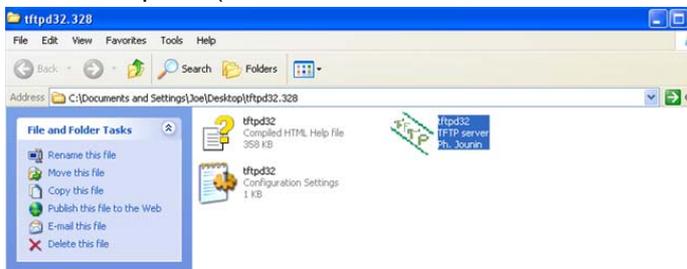


1. Firmware Upgrade Instructions

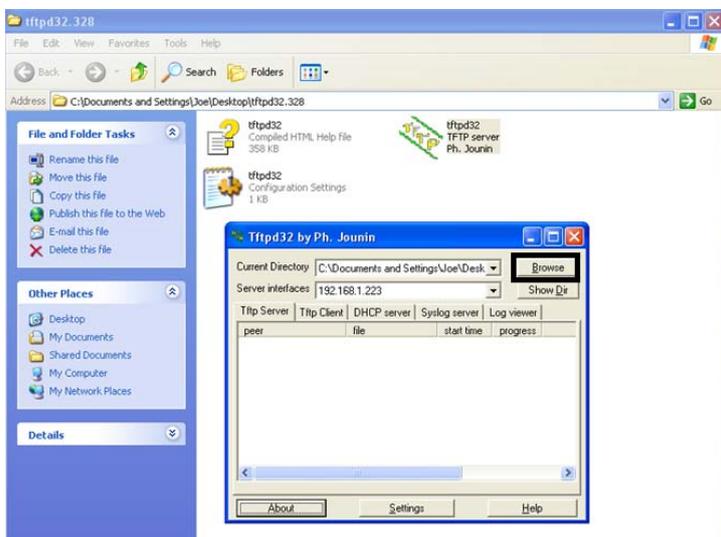
To upgrade the firmware on the EtherWAN Managed Switch, a TFTP server is required. The firmware file is in an .img format. This is a compressed file; however, it should not be decompressed before performing a firmware upgrade.

Note: If a Firewall is running on the PC that is running the TFTP server it may need to be temporarily disabled.

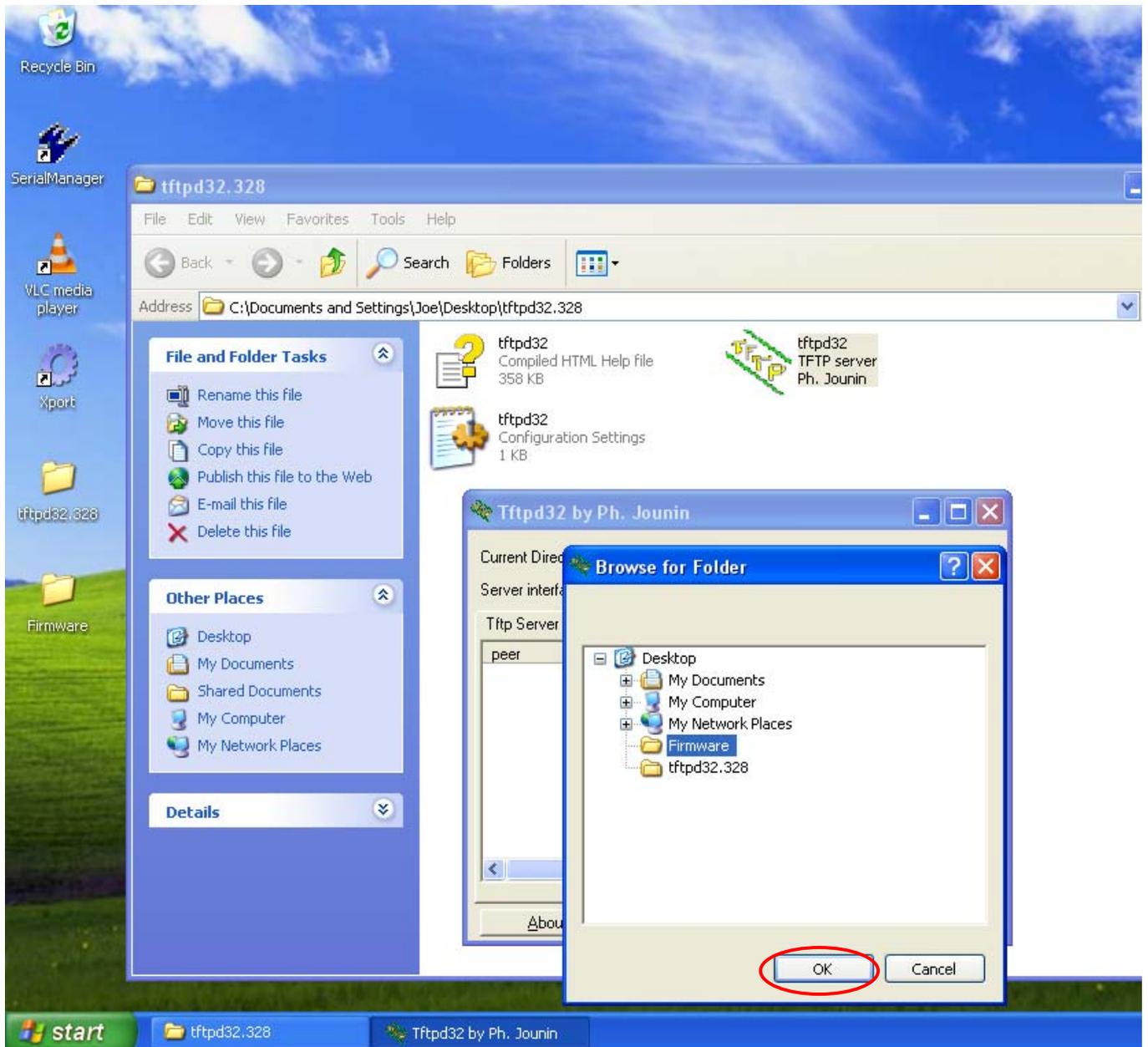
1. Start the tftpd32 (or other similar TFTP server software)



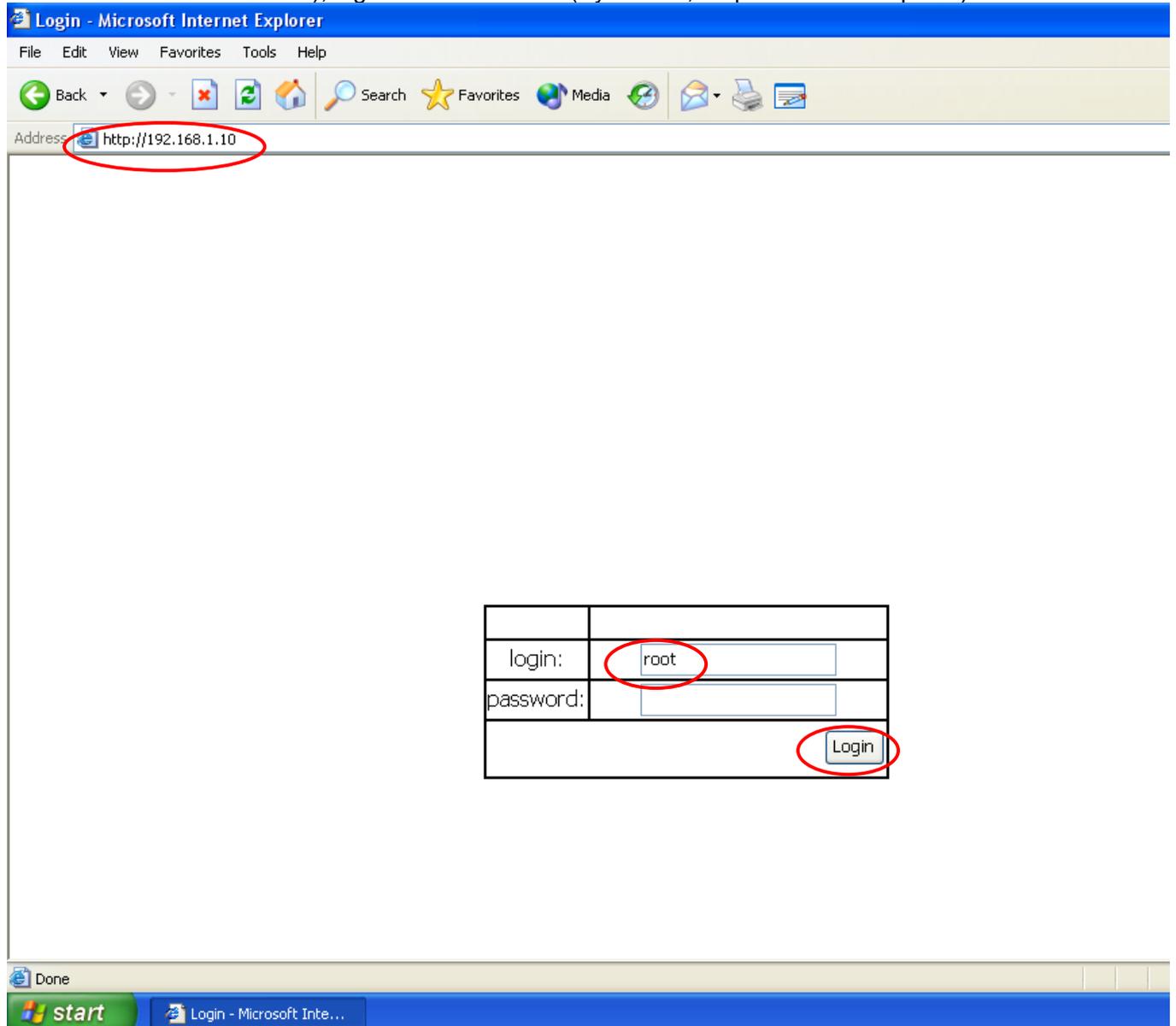
2. Click on Browse



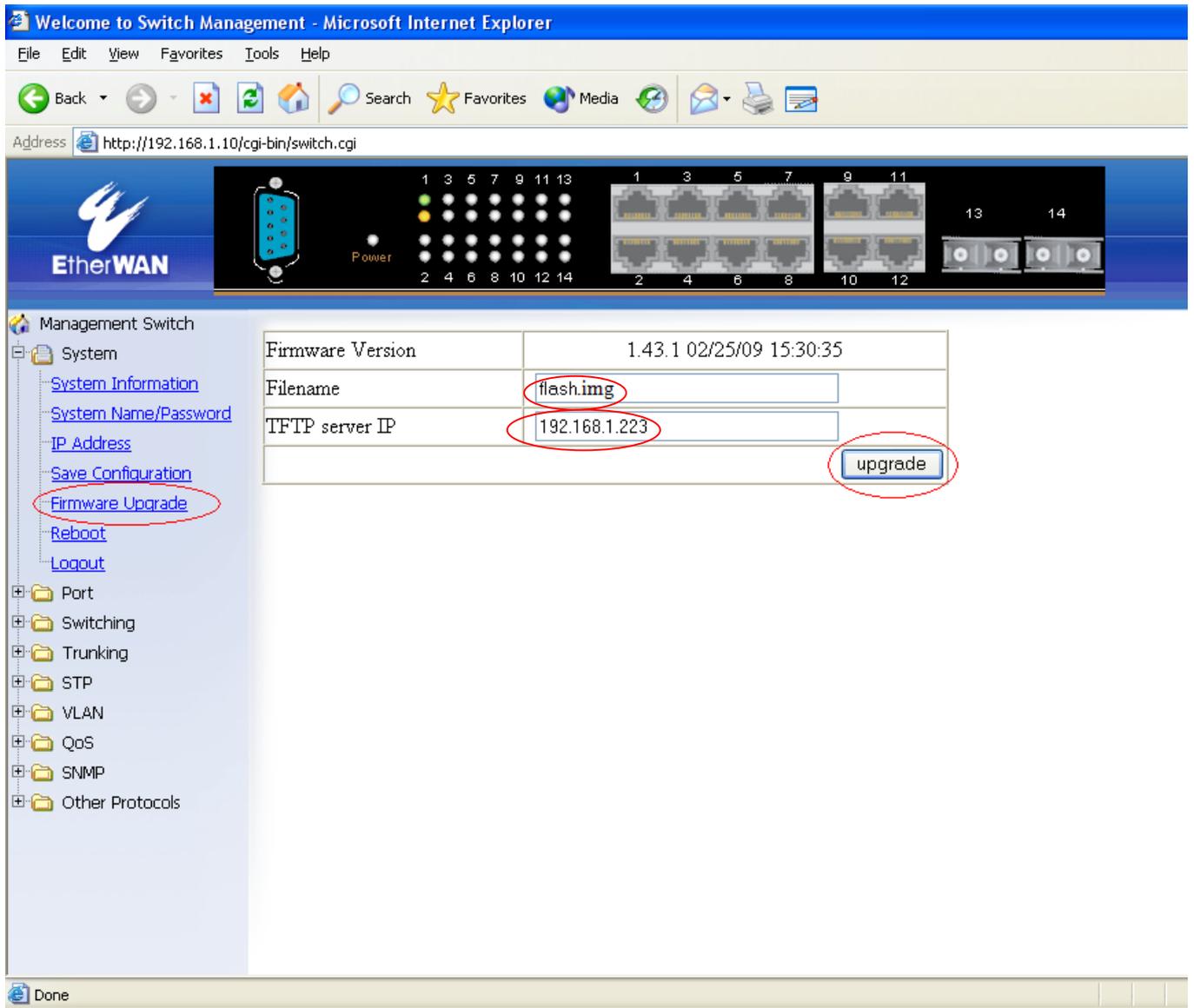
3. Browse to the Firmware folder where the firmware is located (depending on where you stored the firmware on your hard drive) and click OK



4. Now open an Internet Explorer (IE) browser and connect to the switch (By default, the IP address is 192.168.1.10), login as the root user (By default, no password is required)



5. Click on [+] next to System to expand the list, Click on Firmware Upgrade, type the firmware filename and the TFTP server's IP address, Click on upgrade to proceed



Management Switch

- System
 - System Information
 - System Name/Password
 - IP Address
 - Save Configuration
 - Firmware Upgrade
 - Reboot
 - Logout
- Port
- Switching
- Trunking
- STP
- VLAN
- QoS
- SNMP
- Other Protocols

Firmware Version	1.43.1 02/25/09 15:30:35
Filename	flash.img
TFTP server IP	192.168.1.223
<input type="button" value="upgrade"/>	

Done

6. During the firmware upgrade you will see the following messages. **Do not reboot or unplug the switch until the final message "Firmware upgrade success!" is received.**
 - a. Downloading now, please wait...
 - b. tftp <filename>.img from ip <ip address> success!!

Install now. This may take several minutes, please wait...
 - c. Firmware upgrade success!

Welcome to Switch Management - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites Media Print

Address http://192.168.1.10/cgi-bin/switch.cgi



EtherWAN

Power 1 3 5 7 9 11 13 2 4 6 8 10 12 14

1 3 5 7 9 11 13 14

2 4 6 8 10 12

Management Switch

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- STP
- VLAN
- QoS

Firmware upgrade success!

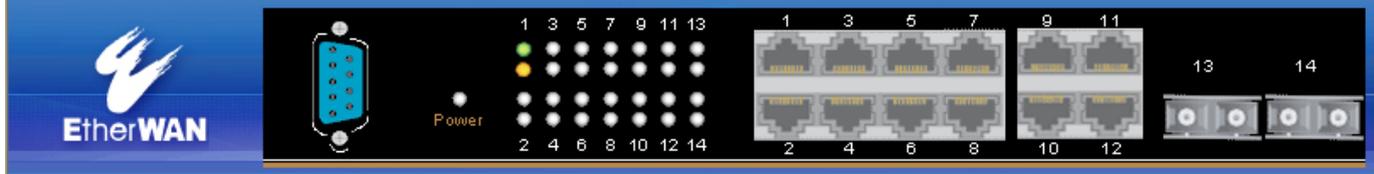
7. Now reboot the switch to complete the process

Welcome to Switch Management - Microsoft Internet Explorer

File Edit View Favorites Tools Help



Address <http://192.168.1.10/cgi-bin/switch.cgi>



Management Switch

- System
 - [System Information](#)
 - [System Name/Password](#)
 - [IP Address](#)
 - [Save Configuration](#)
 - [Firmware Upgrade](#)
 - [Reboot](#)
 - [Logout](#)

Reboot

- Port
- Switching
- Trunking
- STP
- VLAN
- QoS
- SNMP
- Other Protocols

Done

2. How to determine and download the correct firmware file for your switch

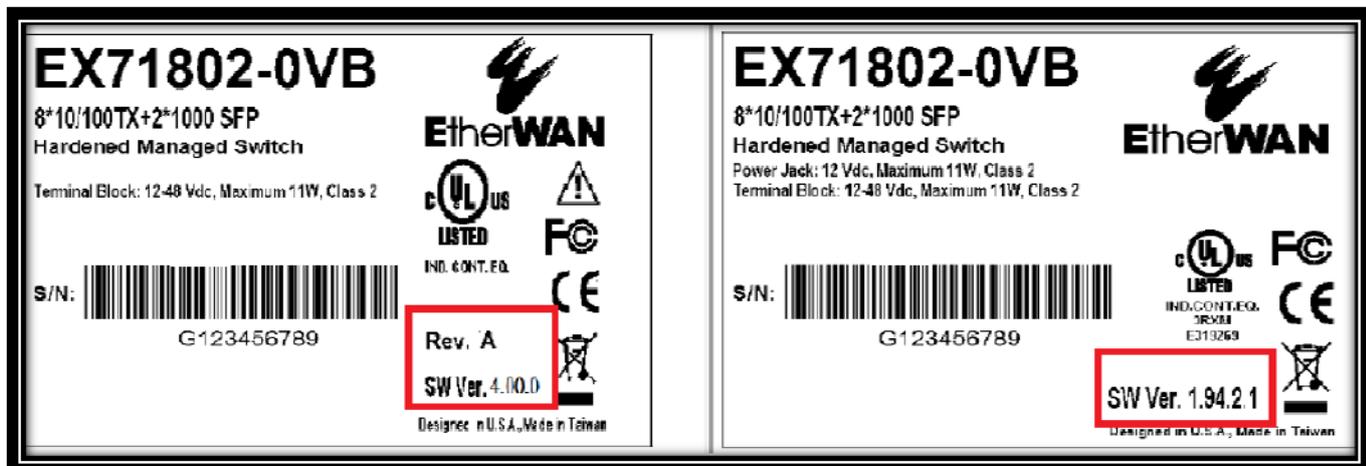
Please use either of the following recommended methods for determining and downloading the correct firmware file from our website.

CAUTION!

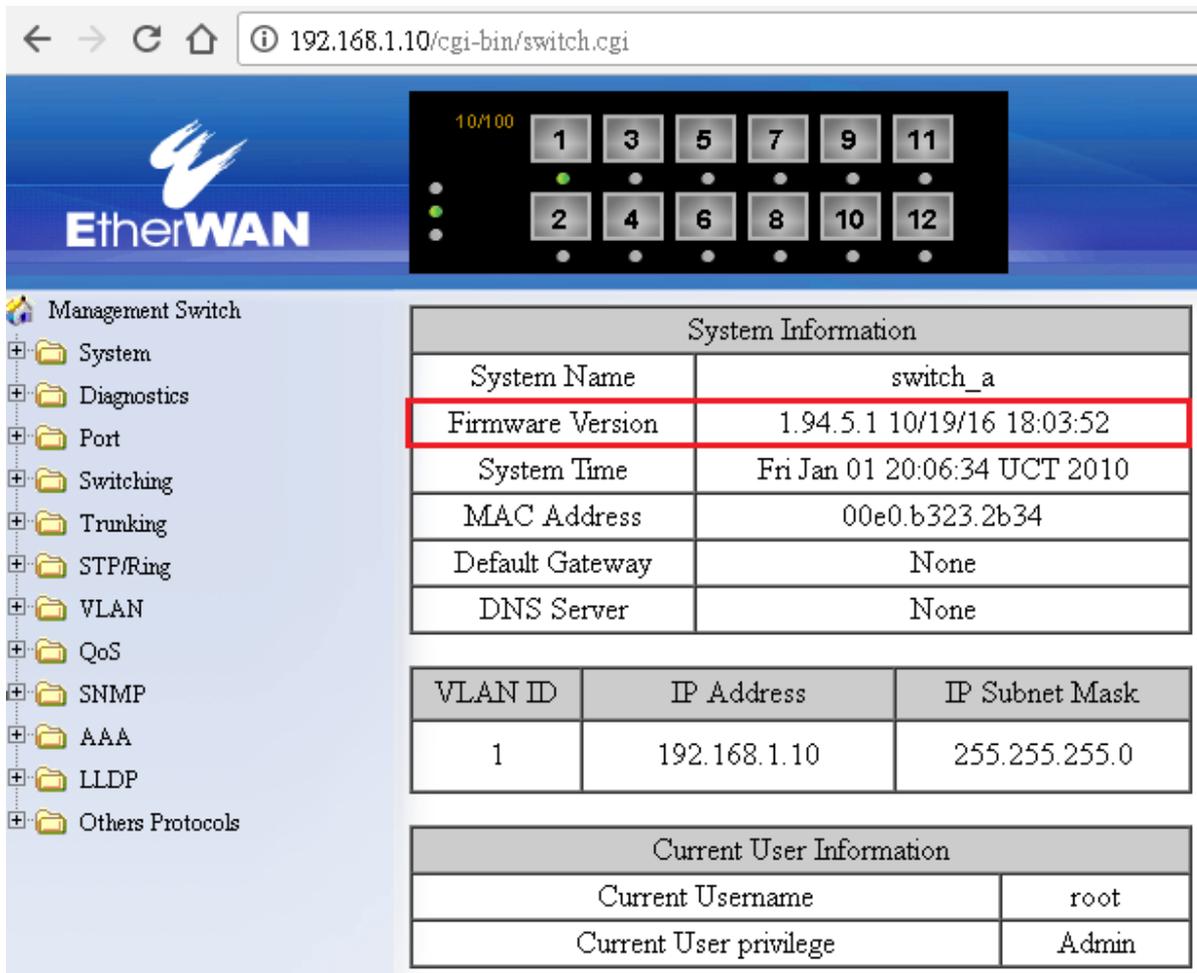
Installed wrong firmware may cause switch boot failure.

Methods:

1. Look over the device label at the side of the switch as shown below. The firmware file with SW Ver. 4.00.x only belongs to switch hardware labeling with Rev A. The same rule applies to SW Ver.1.94.x, which only belongs to switch hardware labeling with SW Ver.1.94.x.



- Look over the firmware version via Web GUI or CLI. In the following example, the firmware version is 1.94.5.1, therefore, download the current official firmware release Ver.1.94.6 from the website and perform a firmware update.



The screenshot shows the EtherWAN Web GUI interface. The browser address bar displays `192.168.1.10/cgi-bin/switch.cgi`. The interface includes a navigation menu on the left and a main content area with several tables.

System Information

System Name	switch_a
Firmware Version	1.94.5.1 10/19/16 18:03:52
System Time	Fri Jan 01 20:06:34 UCT 2010
MAC Address	00e0.b323.2b34
Default Gateway	None
DNS Server	None

VLAN Configuration

VLAN ID	IP Address	IP Subnet Mask
1	192.168.1.10	255.255.255.0

Current User Information

Current Username	root
Current User privilege	Admin

```
COM5 - PuTTY
switch_a login: root

Switch version 1.94.5.1 10/19/16 18:03:52
switch_a>sh version
Version 1.94.5.1 10/19/16 18:03:52
switch_a>
```



EX63000 Series

Industrial Managed 8 to 16-port 10/100BASE with 2-port Gigabit combo Ethernet Switch

Documentation

[Datasheet](#)

[QIG](#)

[Manuals](#)

Software

[Firmware](#)

Others

[Product page](#)

[Visio Stencil](#)

[firmware_upgrade_instructions](#)

Edition: A1.1

Download: [firmware_upgrade_instructions.pdf](#)

[firmware_v1946](#)

Edition: V1.94.6

Detail and Release Note:

In common: EX73000, EX63000, EX83000

Download: [firmware_v1946.zip](#)