

XSTACK™

Switching

DGS-3100-xx Firmware Upgrade



The following guide will show step by step instructions on how to upgrade the DGS-3100 switches to the latest firmware. This guide will cover both upgrades via CLI and also through the Web UI.

Please note both CLI and Web UI methods need a functional TFTP server connected to an Ethernet interface on the switch. This TFTP server will need to have the appropriate firmware file situated in its root share. We recommend using TFTPd32 which can be obtained from the following link
http://tftpd32.jounin.net/tftpd32_download.html

Connect a work station to the switch console port and run terminal emulation program capable of emulating a VT-100 terminal.

- Baud rate: 9600
- Data bits: 8
- Parity: None
- Stop bits: 1

Command	Function
<code>download firmware_<ipaddr> <path_filename 1-64></code>	Download firmware file to the switch.
<code>show firmware information</code>	To display the active system image file loaded by the device.
<code>reboot</code>	Reboot the switch.

[illegible]

2. DGS-3100# show firmware information

Command: show firmware information

Unit	Image	Version	Update Time
1	1	3.00.T48	26-Feb-2009 13:18:38
1	*2	2.50.43	30-Mar-2009 23:21:36

"*" designates that the image was selected for the next boot

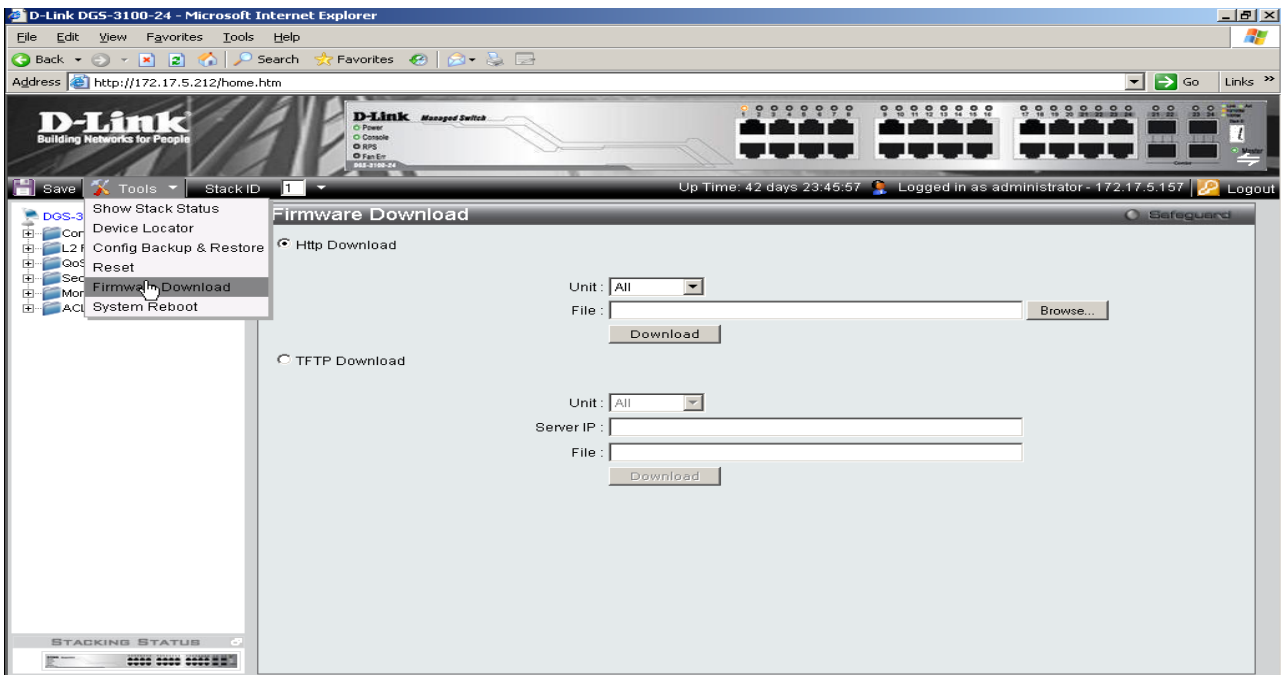
3. DGS-3100# reboot

This action may take a few minutes

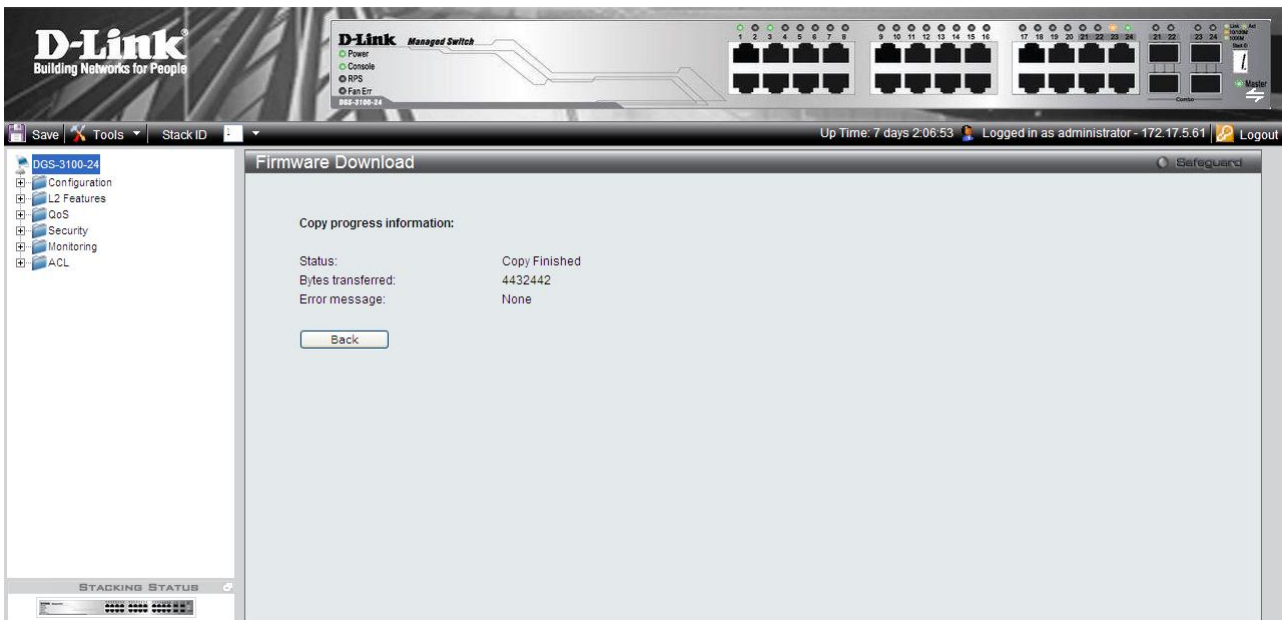
You haven't saved your changes. Are you sure you want to continue ? (Y/N) [N]

Upgrading by using Web-UI

1. Connect a workstation installed with java SE runtime environment to any switch port of the device.
2. Open the web browser from the workstation and enter the IP address of the switch. The switch's default IP address is 10.90.90.90.
3. Enter administrator's username and password when prompted. It should be noted that the username and password are blank by default.
4. To update the switch's firmware or configuration file, click **Tools > Firmware Download**



5. The Firmware Download page allows firmware download via HTTP or TFTP; please choose one to update the switch's firmware.
6. If you choose HTTP download, enter the firmware file name and associated path on your computer. If you choose TFTP download, enter the TFTP server IP and the firmware file name.
7. If the switch is under stacking mode, select the unit ID 'all' to update the firmware for all switches in the stack.
8. Click "Download" button.
9. Wait until the file Transfer Status becomes "Copy Finished".



10. Reboot the system by clicking **Tools > System Reboot** from the banner and click “System Reboot” button to reboot the switch.

