Firmware Version: V1.00.038
Prom Code Version: V1.00.014
Published: 2011/5/13

These release notes include important information about D-Link switch firmware revisions. Please verify that these release notes are correct for your switch:

- If you are installing a new switch, please check the hardware version on the device label; make sure that your switch meets the system requirement of this firmware version. Please refer to Revision History and System Requirement for detailed firmware and hardware matrix.
- If the switch is powered on, you can check the hardware version by typing "show switch" command or by checking the device information page on the web graphic user interface.
- If you plan to upgrade to the new firmware release, please refer to the Upgrade Instructions for the correct firmware upgrade procedure.

For more detailed information regarding our switch products, please refer to Related Switch Documentation.
You can also download the switch firmware, D-View modules and technical documentation from http://tsd.dlink.com.tw.

Content:

Revision History and System Requirement

Firmware Version	Date	Model	Hardware Version
Runtime: v1.00.035 Prom: v1.00.012	2011/3/25	DGS-3620-28TC	A1
		DGS-3620-28SC	A1
		DGS-3620-28PC	A1
		DGS-3620-52T	A1
		DGS-3620-52P	A1
Runtime: v1.00.038 Prom: v1.00.014	2011/5/13	DGS-3620-28TC	A1
		DGS-3620-28SC	A1
		DGS-3620-28PC	A1
		DGS-3620-52T	A1
		DGS-3620-52P	A1

Upgrade Instructions:

> **Note: EI & SI features are all included in the firmware. While upgrading, system will automatically distinguish it and enable the associated features only.**

D-Link switches support firmware upgrade via TFTP server. You can download the firmware from D-Link web site http://tsd.dlink.com.tw, and copy the downloaded firmware to the TFTP server folder. Please make sure that the TFTP server is accessible from the switch via networks.

Upgrade using CLI (serial port)

Connect a workstation to the switch console port and run any terminal program that can emulate a VT-100 terminal. The switch serial port default settings are as follows:

- Baud rate: **115200**
- Data bits: **8**
- Parity: **None**
- Stop bits: **1**

The switch will prompt the user to enter his/her username and password. It should be noted that upon the initial connection, there is no username and password by default.

To upgrade the switch firmware, execute the following commands:

Command	Function
download [firmware_from_TFTP [<ipaddr>	<ipv6addr>] src_file <path_filename 64> {[unit <unit_id>	all]} {dest_file <pathname 64>}	Download firmware file from the TFTP server to the switch.
config firmware image {unit <unit_id>} <path_filename 64> boot_up	Change the boot up image file.
show boot_file	Display the information of current boot image and configuration.
reboot	Reboot the switch.

Example:

DGS-3620-28TC:15# download firmware_from_TFTP 10.53.13.201 src_file c:\ DGS-3620_Series_FW_1.00.038.had

dest_file   c:\ DGS-3620_Series_FW_1.00.035.had
Command: download firmware_from_TFTP 10.53.13.201 src_file c:\ DGS-3620_Series_FW_1.00.038.had dest_file
c:\ DGS-3620_Series_FW_1.00.035.had

Connecting to server................Done.
Download firmware...................Done.   Do not power off!
Upload file to FLASH…………………………..Done.

DGS-3620-28TC:15# config firmware c:\ DGS-3620_Series_FW_1.00.038.had boot_up
Command: config firmware c:\ DGS-3620_Series_FW_1.00.038.had boot_up

Success.

DGS-3620-28TC:15# show boot_file
Command: show boot_file

 Unit ID : 1
 Boot up firmware image : C:\DGS-3620_Series_FW_1.00.038.had
 Boot up configuration file: C:\STARTUP.CFG
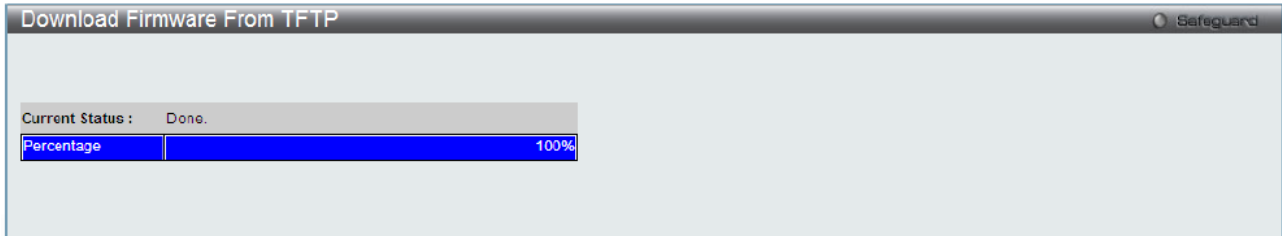--

DGS-3620-28TC:15# reboot
Command: reboot
Are you sure you want to proceed with the system reboot? (y|n) y
Please wait, the switch is rebooting…
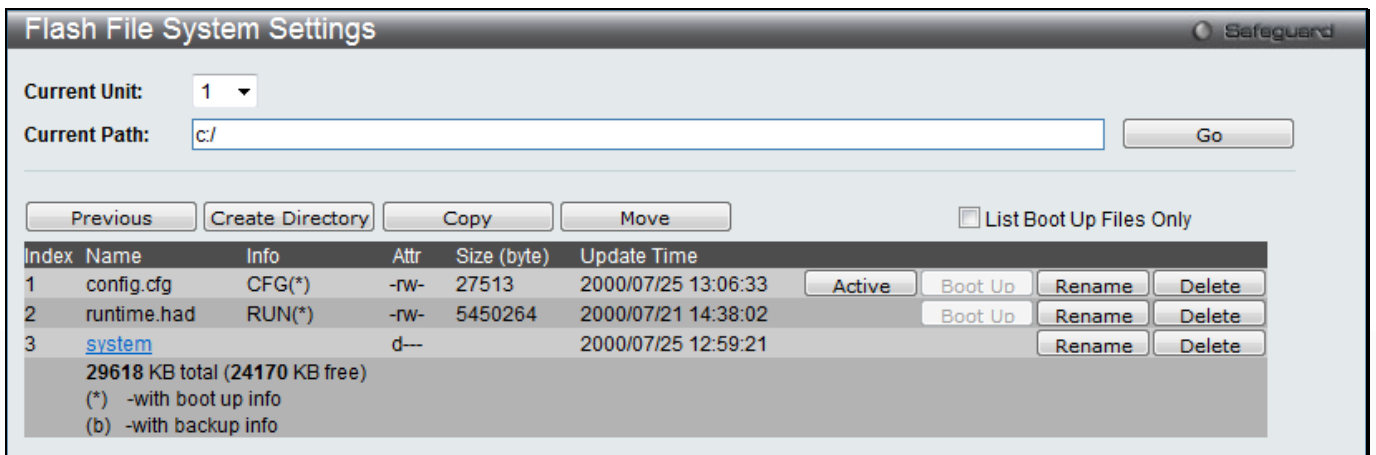
Upgrading by using Web-UI

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 switch's firmware or configuration file, select **Tools > Download Firmware** from the banner.

5. Use the drop-down menu to select a unit for receiving the firmware. Select **All** for all units.

6. Enter the TFTP Server IP address.

7. Enter the name of the firmware file located on the TFTP server.

8. Enter the destination path and the desired file name.

9. Tick the check box to set it as a boot up file.

10. Click "**Download**" button.

11. Wait until the "Current Status" displays "Done" and the "Percentage" shows "100%".

11. To select the boot up image used for next reboot, click **Network Application > Flash File System Settings** in the function tree and then click the **C:** drive name. When you see the files list, click corresponding "**Boot Up**" button to specify the firmware that will be used for next and subsequent boot up.

12. To reboot the switch, select **Tools > Reboot System** from the banner.

13. Select "**Yes**" and click "**Reboot**" button to reboot the switch.

New Features

Firmware Version	New Features
V1.00.035	First release, please refer to datasheet and manual for detail function supported
V1.00.038	1. Modify the new flash driver support -"JS28F512M29EWL".

2. Modify POE per port default power from 7000mw to 15400mw.

Changes of MIB & D-View Module

The new features of MIB file are also included in the corresponding D-View module. Please download the D-View module on http://tsd.dlink.com.tw. For detailed changes of MIB content, please refer to the modification history in each MIB file.

Firmware Version	MIB File	New Features
V1.00.035	First release, please refer to datasheet for detail MIB supported	
V1.00.038	None	

Changes of Command Line Interface

The section below only shows command line changes that may bring backward compatibility issues with configuration settings for previous version of firmware.
Any new feature commands that do not have backward compatibility issues are not included in the below section.

Firmware Version	Changes
V1.00.035	First release
V1.00.038	None

Problem Fixed

Firmware Version	Problems
V1.00.035	First release
V1.00.038	None

* D-Link tracking number is enclosed in ()

Known Issues

Firmware Version	Issues	Workaround
V1.00.035	None	
V1.00.038	None	

Related Documentation

- DGS-3620 Series Web UI Reference Guide Release 1.0
- DGS-3620 Series CLI Reference Guide Release 1.0