

Firmware Version: V1.01.B027
Prom Code Version: V1.00.006
Published: Sep 18, 2018

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 Documentation.

You can also download the switch firmware, D-View modules and technical documentation from http://tsd.dlink.com.tw.

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Revision History and System Requirement:

Firmware Version	Date	Model	Hardware Version
Runtime: v1.01.B027 PROM: v1.00.006	18-Sep-18	DGS-3130-30TS DGS-3130-30S DGS-3130-30PS DGS-3130-54TS DGS-3130-54S DGS-3130-54PS	A1
Runtime: v1.01.026 PROM: v1.00.005	31-Jul-18	DGS-3130-30TS DGS-3130-30S DGS-3130-30PS DGS-3130-54TS DGS-3130-54S DGS-3130-54PS	A1

Upgrade Instructions

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
copy {tftp: [//*LOCATION***/***SOURCE-URL***]}** *DESTINATION-URL*	Download firmware file from the TFTP server to the switch.
boot image URL	Change the boot up image file.
show version	Display Switch information.
reboot	Reboot the switch.

Example:

1. **Switch# copy tftp: //10.1.1.254/DGS3130_RUN_1.01.B027.img flash: DGS3130_RUN_1.01.B027.img**

```
Address of remote host [10.1.1.254]?
Source filename [DGS3130_RUN_1.01.B027.img]?
Destination filename [DGS3130_RUN_1.01.B027.img]?
 Accessing tftp://10.1.1.254/ DGS3130_RUN_1.01.B027.img...
 Transmission start...
 Transmission finished, file length 25100111 bytes.
 Please wait, programming flash.............. Done.
```

2. **Switch# configure terminal**
   Switch(config)# boot image c:/DGS3130_RUN_1.01.B027.img

```
Copy in progress.............................100%
```

3. **Switch#show version**

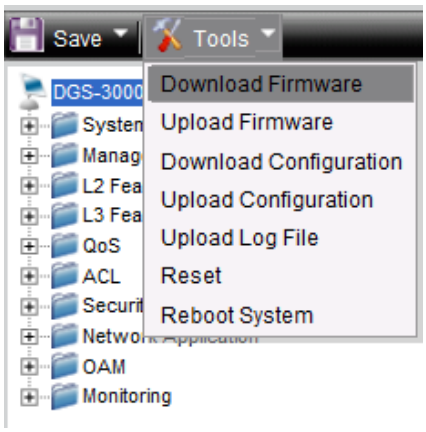
```
Device MAC Address: 74:DA:DA:33:12:18
System MAC Address: 74:DA:DA:33:12:19

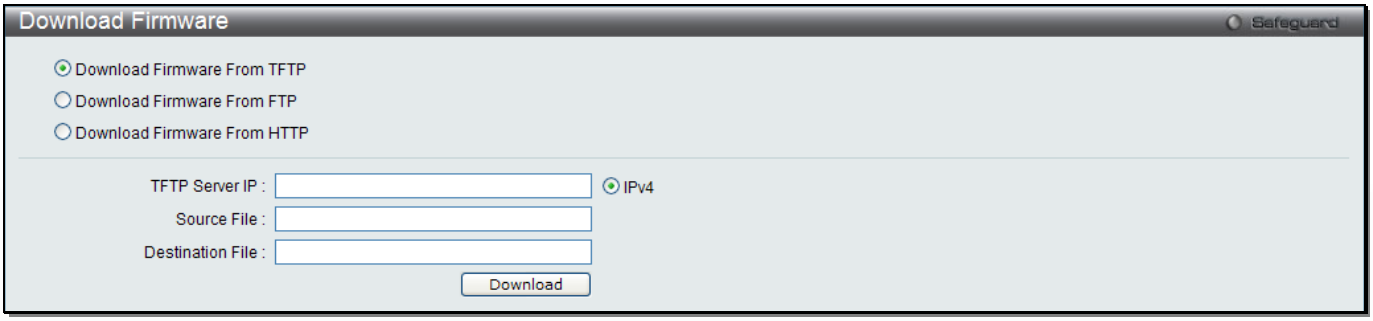
Unit ID      Module Name                    Versions
------- ---------------------------- --------------------
   1         DGS-3130-30S                 H/W:A1
                                          Bootloader:1.00.006
                                          Runtime:1.01.B027
```

4. **Switch# reboot**
   Please wait, the switch is rebooting...

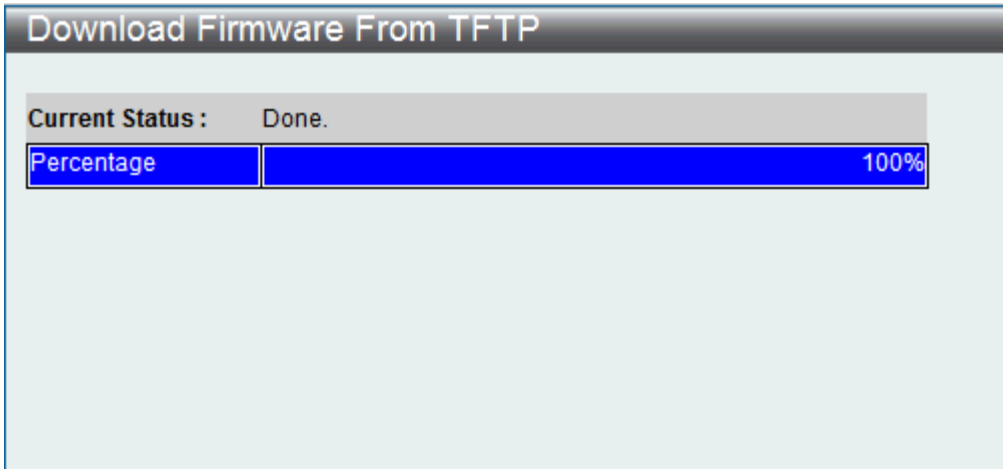
Upgrade using Web-UI:

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.

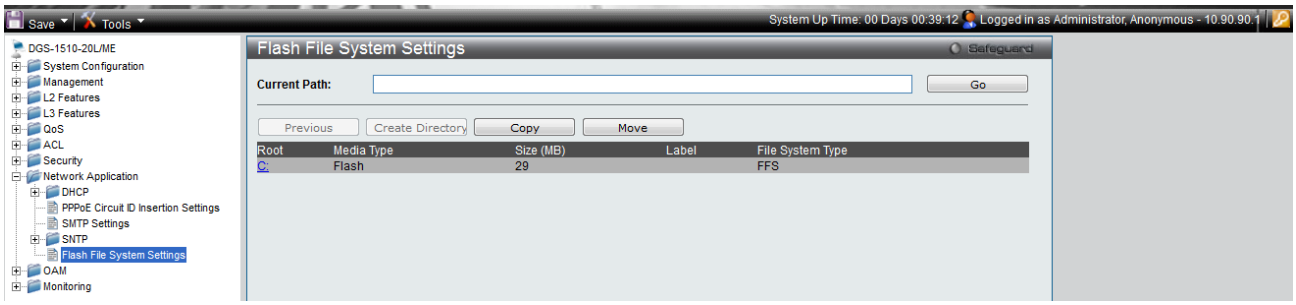




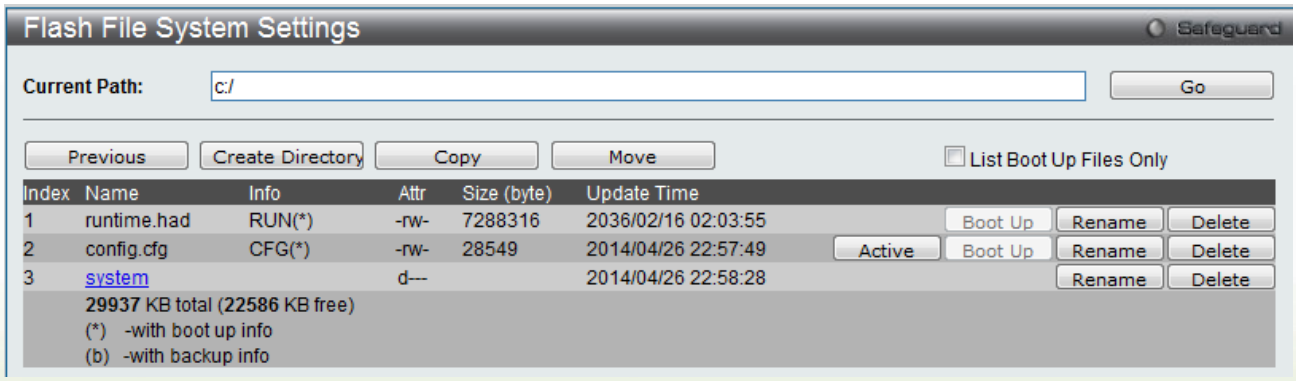
5. Enter the TFTP Server IP address.
6. Enter the location and name of the Source File on the TFTP server (ex. DGS3130_RUN_1.01.026.img)
7. Click "***Download***" button.
8. Wait until the "Current Status" reaches 100% and shows "Done".



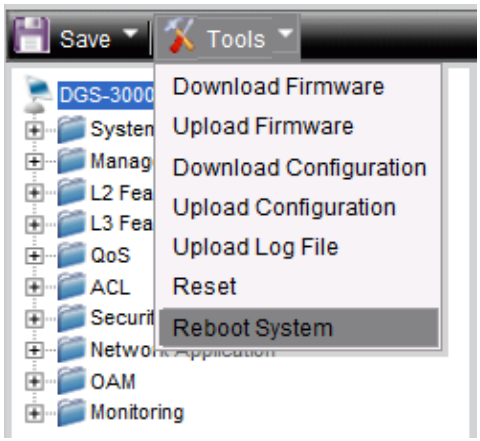
9. To select the boot up image used for next reboot, click "***Network Application" > "Flash File System Settings"*** in the function tree. Enter the Current Path string and click the Go button or click the C: to enter "Flash File System Setting- Search for Drive" window.



10. Click corresponding "***Boot UP***" button to specify the firmware that will be used for next and subsequent boot up.



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



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

New Features:

Firmware Version	New Features
V1.01.B027	Improve Stacking Lite which supports pre-configure capability. - If a switch in the stack leaving, user still can configure switch with that switch's ID. Once the switch backs to the stack, configuration will take effect immediately.
V1.01.026	First Release

Changes of MIB:

For detailed changes of MIB content, please refer to the modification history in each MIB file.

Firmware Version	MIB File	New Features
V1.01.B027	No change	
V1.01.026	First Release	

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
V1.01.B027	No change
V1.01.026	First Release

Problem Fixed:

Firmware Version	Problems Fixed
V1.01.B027	Fixed the issue that when loop occurred, the affected port will remain on error disabled status and cannot back to normal. (DGC20180810000002)
V1.01.026	First Release

* D-Link tracking number is enclosed in ()

Known Issues:

Firmware Version	Issues	Workaround/Status
V1.01.026	The first DAD NS packet is missing while an IPv6 node directly connects to DGS-3130 and ND snooping does not learn it into binding table.	Waiting for BRCM's SDK fix patch.
	Prompt information "This is TACACS" is set on TACACS+ server. While doing telnet to DGS-3130 via TACACS+ server, CLI will not show "This is TACACS" information.	Fix in the next release.
	"Backspace" cannot be used as DELETE function	Fix in the next release.
	When rebooting DGS-3130, "unsaved changes" information shows even there is no changes.	Fix in the next release.
	Do not support "Ctrl + C" to interrupt continuous message displays.	Fix in the next release.
	After breaking stacking connections in a two switches system, LACP group cannot be established between these two switches because BM inherits PM's system MAC address and MACs are conflict.	Reboot the original BM switch first before establishing LACP group.
	In Stacking Lite, Chain topology is not recommended.	Using Ring topology.

* D-Link tracking number is enclosed in ()

Related Documentation:

- DGS-3130_Series_A1_CLI Reference Guide_v1.00
- DGS-3130_Series_A1_HW Installation Guide_v1.00
- DGS-3130_Series_A1_Web UI Reference Guide_v1.00