



**Firmware Version:** v 1.01.005  
**Prom Code Version:** v 1.00.001  
**Published:** July 16, 2013

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>.

**Content:**

Revision History and System Requirement: .....	2
Upgrade Instructions: .....	2
Upgrade firmware by CLI (serial port).....	2
Upgrade firmware by Web-UI .....	3
New Features:.....	5
Changes of MIB & D-View Module: .....	5
Changes of Command Line Interface: .....	5
Known Issues: .....	6
Related Documentation: .....	6

## Revision History and System Requirement:

Firmware Version	Date	Model	Hardware Version
Runtime: v1.01.005 PROM: v1.00.001	16-Jul-13	DGS-3000-10TC	A1
		DGS-3000-24TC	A1
		DGS-3000-26TC	A1
Runtime: v1.00.021 PROM: v1.00.001	4-Apr-13	DGS-3000-10TC	A1
		DGS-3000-26TC	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 firmware by 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_fromTFTP [<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.
dir {{unit <unit_id>} <drive_id>} {<pathname 64>}	Display the information of current boot image and configuration.
reboot	Reboot the switch.

### Example:

- DGS-3000-26TC:admin#download firmware\_fromTFTP 172.17.5.48 src\_file Run100021.had dest\_file Run100021.had

Command: download firmware\_fromTFTP 172.17.5.48 src\_file Run100021.had dest\_file Run100021.had

Connecting to server..... Done.  
Download firmware..... Done. Do not power off!  
Please wait, programming flash..... Done.
- DGS-3000-26TC:admin#config firmware image c:/Run100021.had boot\_up

Command: config firmware image c:/Run100021.had boot\_up

Success.
- DGS-3000-26TC:admin#dir

Command: dir

Directory of /c:

Idx	Info	Attr	Size	Update Time	Name
1	RUN(*)	-rw-	5491536	2000/01/01 00:41:03	Run100021.had
2	CFG(*)	-rw-	31142	2000/01/01 02:19:40	config.cfg
3		d---		2000/01/01 00:00:16	system

29618 KB total (24127 KB free)

(\*) -with boot up info

(b) -with backup info

#### 4. DGS-3000-26TC:admin#reboot

Command: reboot

Are you sure you want to proceed with the system reboot?(y/n) y

Please wait, the switch is rebooting...

Boot Procedure

V1.00.001

Power On Self Test ..... 100 %

MAC Address : 00-40-05-31-20-00

H/W Version : A1

Please Wait, Loading V1.00.021 Runtime Image ..... 100 %

UART init ..... 100 %

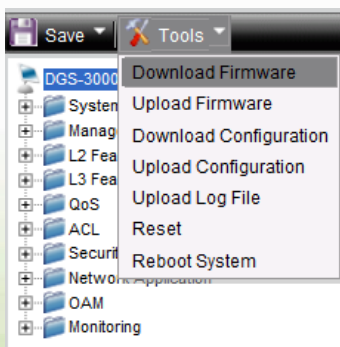
Starting runtime image

Device Discovery ..... 100 %

Configuration init ..... 100 %

### Upgrade firmware by 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 name of the firmware file located on the TFTP server.
7. Enter the destination path and the desired file name.

8. Click **Download** button.

Download Firmware

Safeguard

☒ Download Firmware From TFTP

☐ Download Firmware From FTP

☐ Download Firmware From HTTP

TFTP Server IP :

☒ IPv4

☐ IPv6

☐ Domain Name

Source File :

Destination File :

Download

9. Wait until the Current Status displays **Done** and the Percentage shows **100%**.

Download Firmware From TFTP

Current Status :

Done.

Percentage

100%

- 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.

Flash File System Settings

Safeguard

Current Path:

Go

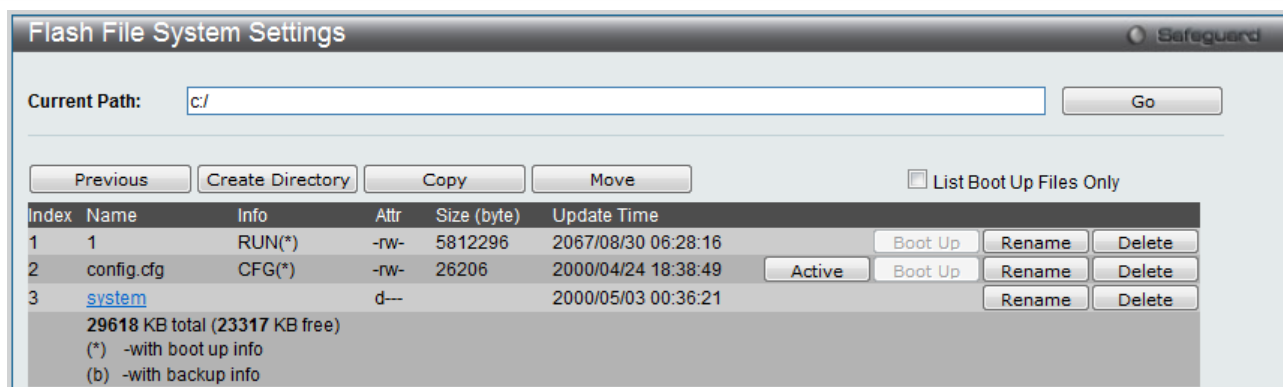
Previous

Create Directory

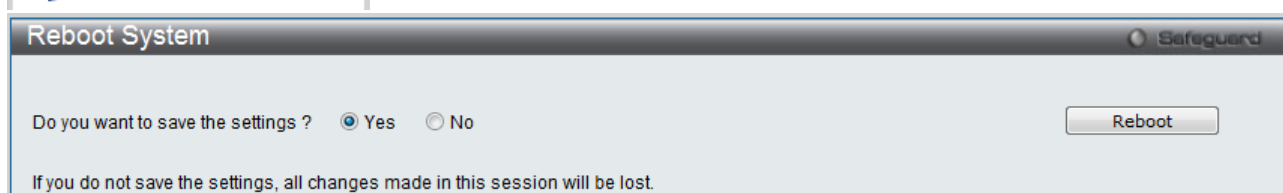
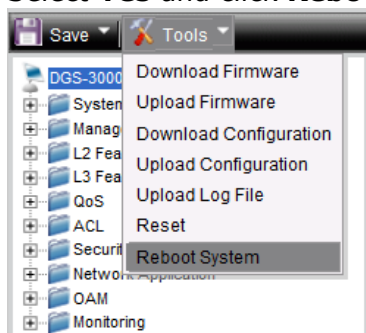
Copy

Move

Root	Media Type	Size (MB)	Label	File System Type
<a href="#">C:</a>	Flash	28		FFS



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
V1.01.005	Support one new model, DGS-3000-24TC.
v1.00.021	First release. For supported features, please refer to the product specification and manuals for details.

### 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 from <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
v1.01.005	L2mgmtDGS3000-24TC.mib L3mgmtDGS3000-24TC.mib SWPRIMGMT-DGS3000-MIB.mib	Support new model, DGS-3000-24TC
v1.00.021	First release. Please refer to datasheet for supported SNMP MIB files.	

### 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
v1.01.005	None
v1.00.021	First release

## Problem Fixed:

Firmware Version	Problems Fixed
v1.01.005	None.

\* D-Link tracking number is enclosed in ()

## Known Issues:

Firmware Version	Issues	Workaround
v1.01.005	None	None
v1.00.021	None	None

## Related Documentation:

- ♦ DGS-3000 Series Web UI Reference Guide Release 1.01
- ♦ DGS-3000 Series CLI Reference Guide Release 1.01
- ♦ DGS-3000 Series Hardware Installation Guide Release 1.01