

Firmware Version: V1.10.004
Boot Code Version: V1.00.005
MIB Version: V1.10.004
Published: Jun. 25, 2024

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: v1.10.004 Boot Code: v1.00.005 MIB Version: 1.10.004	2024/06/24	DXS-3130-28P	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:

```
Switch#copy tftp: //10.90.90.100/ DXS3130_RUN_1.10.004.img flash:
DXS3130_RUN_1.10.004.img
Address of remote host [10.90.90.100]?
Source filename [DXS3130_RUN_1.00.015.img]?
Destination filename [DXS3130_RUN_1.00.015.img]?
Accessing tftp://10.90.90.100/ DXS3130_RUN_1.00.015.img...
Transmission start...
Transmission finished, file length 26737892 bytes.
Please wait, programming flash.............. Done.

Switch#
```

1. **Switch# configure terminal**
   Switch(config)# boot image c:/ DXS3130_RUN_1.10.P004.img
   Copy in progress.....100%

2. **Switch#show version**

```
Device MAC Address: 74:DA:D1:88:C9:00
System MAC Address: 74:DA:D1:88:C9:01

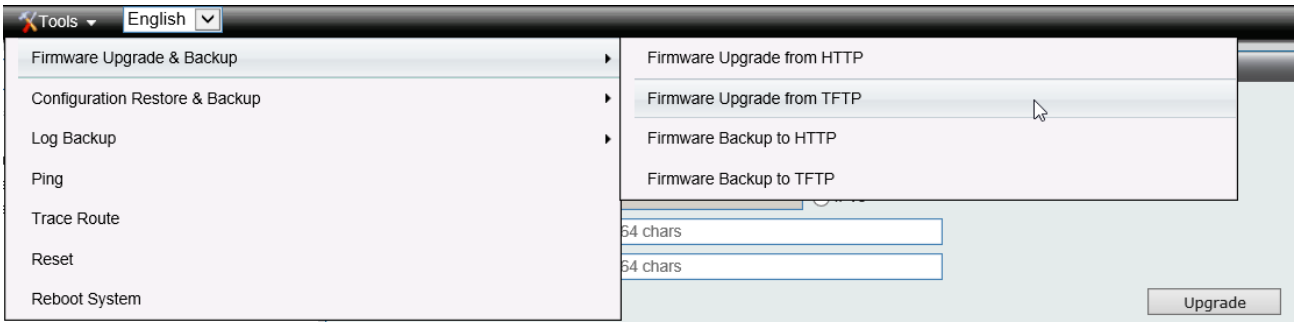
Unit ID  Module Name         Versions
-------  ------------------  ---------------------
1        DXS-3130-28P         H/W:A1
                              Bootloader:1.10.004
                              Runtime:1.00.005
```

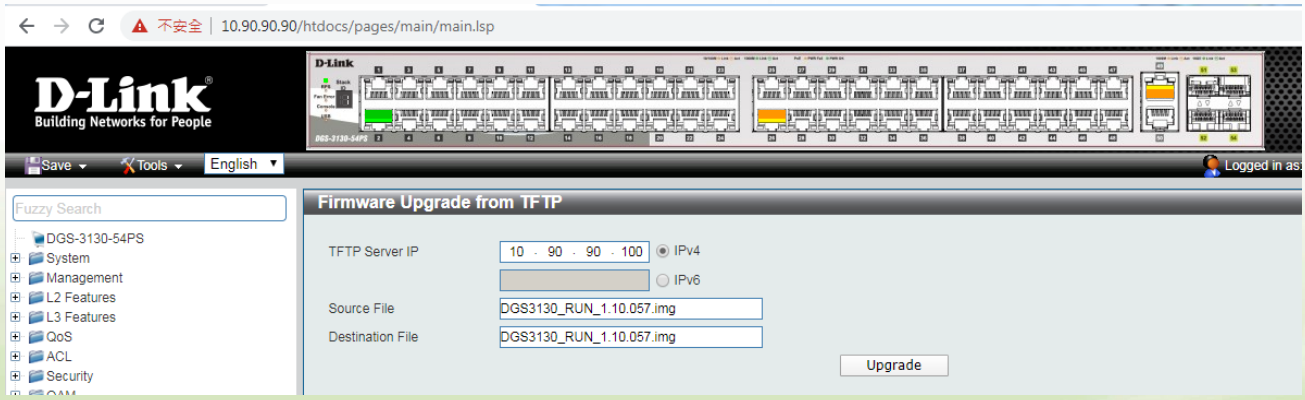
3. **Switch# reboot**

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

Upgrade using Web-UI:

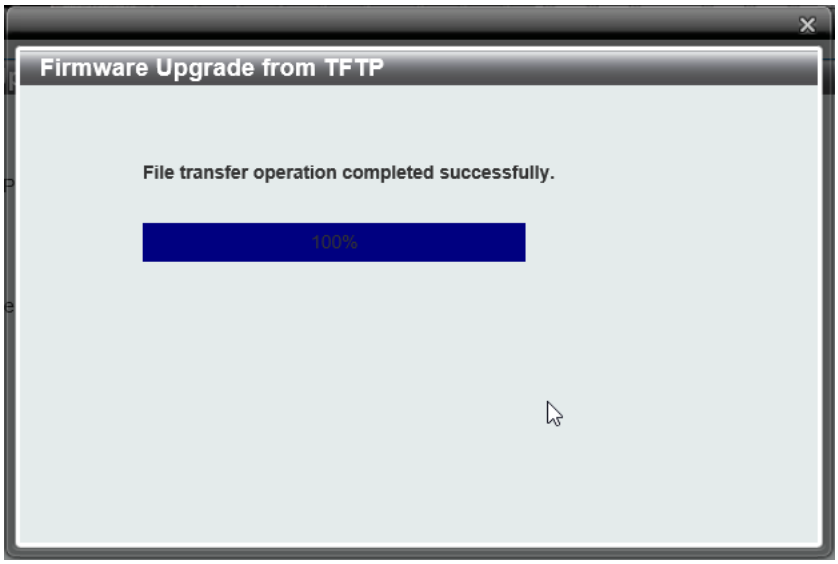
1. Connect a workstation installed with java SE runtime environment to any switch port of the device.
2. Open the web browser from the workstation and enter the IP address of the switch. The switch's default IP address is 10.90.90.90.
3. Enter administrator's username and password when prompted. It should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



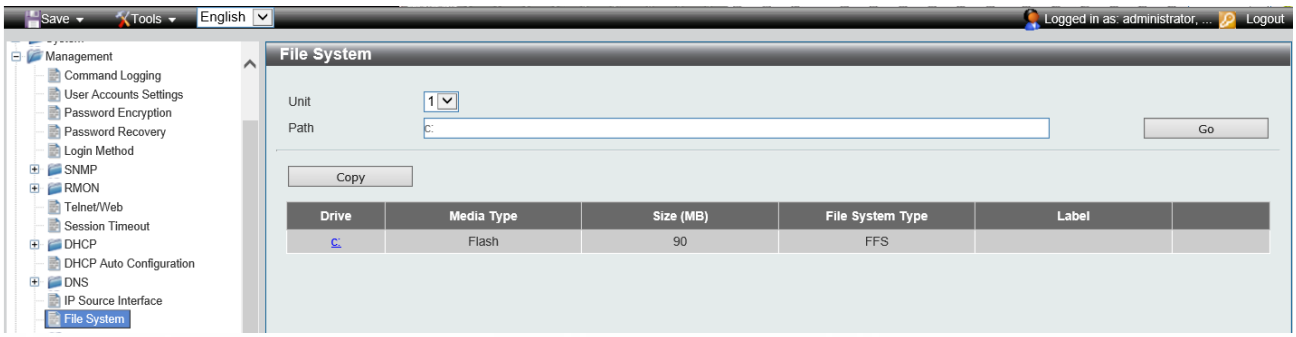


5. Enter the TFTP Server IP address.

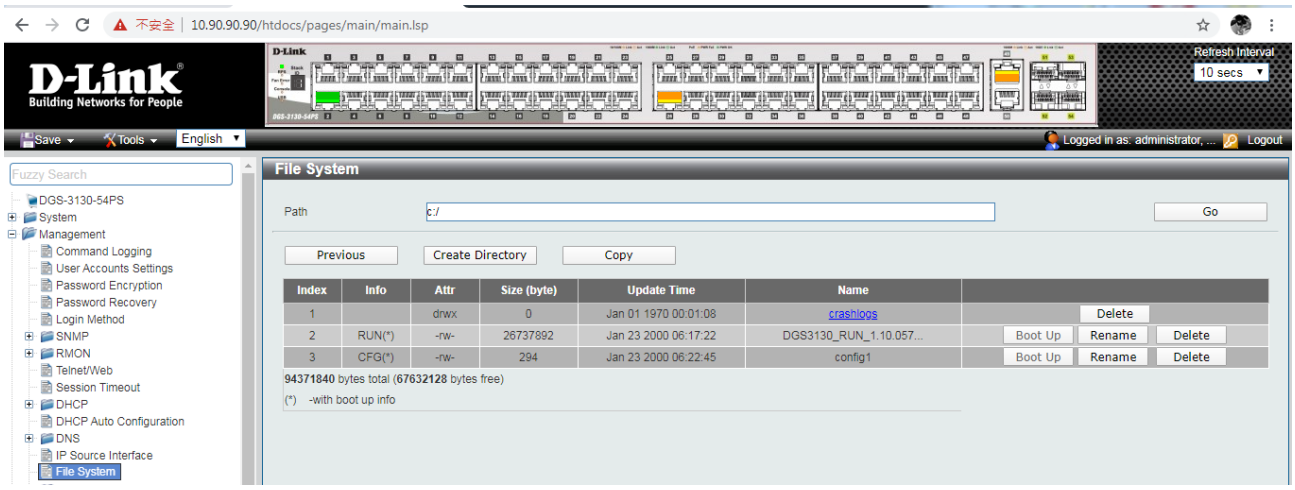
6. Enter the location and name of the Source File on the TFTP server (ex. DXS3130_RUN_1.10.004.img) and name of the destination file in the switch.
7. Click "***Upgrade***" button.
8. Wait until the "Current Status" reaches 100% and shows "Done".



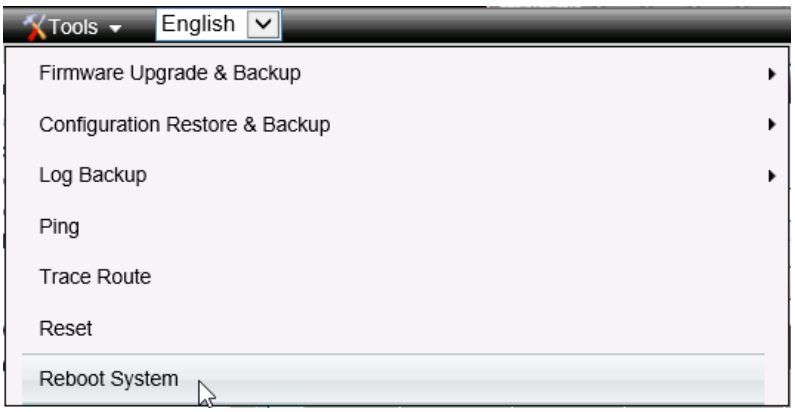
9. To select the boot up image used for next reboot, click "***Management > File System"*** in the function tree. Enter the Current Path string and click the Go button or click the C: to enter "File System" window.



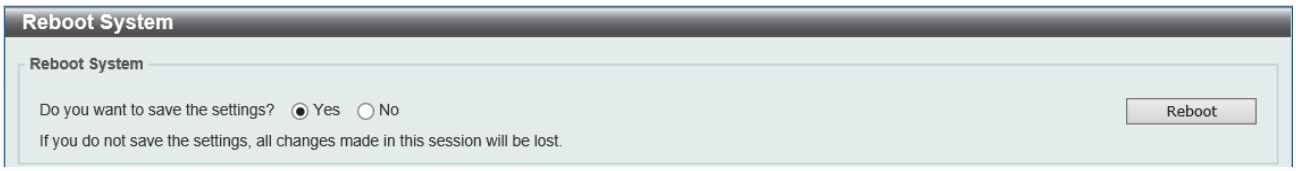
10. Click corresponding "***Boot UP***" button to specify the firmware that will be used for next and subsequent boot up.



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
V1.10.004	1. First Release of DXS-3130 Series A1.

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
V1.10.004	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
V1.10.004	First Release

Problem Fixed:

Firmware Version	Problems Fixed
V1.10.004	First Release

* D-Link tracking number is enclosed in ()

Known Issues:

Firmware Version	Issues	Workaround/Status
V1.10.004	1. Process Bar cannot display 100%	Issue will be fixed in next versions. R2 FW (2024/12/E)
	2. When using the test port to ping the slave member, the Ping Response Time is over 1 ms.	Issue will be fixed in next versions. R2 FW (2024/12/E)
	3. The maxports number on CLI and Web are inconsistent.	Issue will be fixed in next versions. R2 FW (2024/12/E)
	4. It will display duplicate error messages.	Issue will be fixed in next versions. R2 FW (2024/12/E)
	5. ixia receive rate over setting (1 pps)	Issue will be fixed in next versions. R2 FW (2024/12/E)
	6. Multicast-filtering cannot work well with multicast address FF05::1.	Issue will be fixed in next versions. R2 FW (2024/12/E)
	7. DXS-3130 will change option82 ID while it have option82 field already.	Issue will be fixed in next versions. R2 FW (2024/12/E)
	8. ACL rules cannot be displayed properly on the Web.	Issue will be fixed in next versions. R2 FW (2024/12/E)
	9. PC cannot access with ipv6 address while SSL enable.	Issue will be fixed in next versions. R2 FW (2024/12/E)
	10. ixia2 receive rate over setting (1 kps) 	Issue will be fixed in next versions. R2 FW (2024/12/E)
	11. ixia2 receive all traffic during storm-control level 80 	Issue will be fixed in next versions. R2 FW (2024/12/E)

* D-Link tracking number is enclosed in ()

Related Documentation:

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