

**DWS-3000 Series Wireless Switch
and Access Point
Firmware Upgrade**

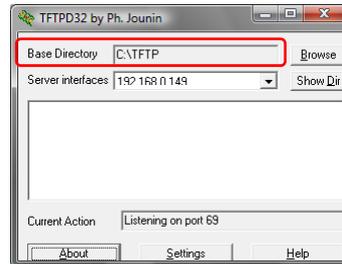
**Access Point
Firmware Upgrade**

Download the latest firmware available for your Access Point from www.dlink.com.au/tech

Launch TFTP server software on your computer. You can download the software from ftp://files.dlink.com.au/products/!Routers/TFTP_SERVER.exe
Temporarily disable firewall on your computer.

Note the “Base Directory”. It should be the directory where the firmware files are saved.

- “xxxx.tar” is the firmware file for AP (don’t unzip this file).
- xxxx.opr is the firmware file for the DWS-3000 series switch.



Make sure the status of the AP is **Managed**:

MAC Address	Location	IP Address	Software Version	Age	Status	Configuration Status	Profile	Radio
00:17:9a:d2:3b:30		10.90.90.11	1.0.1.5	0d:00:00:01	Managed	Success	1-Default	1-802.11a 4 2-802.11g 6

Go to Administration > AP Management > Software Download. Specify the IP address of the computer which has the TFTP Server software running.

Wireless Software Download

Server Address: 10.90.90.1

File Path:

File Name: P_1.0.1.7_upgrade.tar

Group Size: 10 (1 to 48)

Managed AP: 00:17:9a:d2:3b:30

Note: It takes about 12 minutes for the upgrade process to complete.

Start Refresh

- The IP address of TFTP server
- Firmware file name. A filenames which is too long may cause problems with upgrade.
- You can upgrade a specific AP, or all managed APs

Firmware upgrade takes 12 minutes.

Wireless Software Download

Server Address: 10.90.90.1

File Path:

File Name: DLINK_AP_1.0.1.7_uf

Group Size: 10 (1 to 48)

Managed AP: All

Download Status: In Progress

Download Count: 1

Successful Download Count: 0

Failure Count: 0

Managed AP	Location	Status	Software Version
00:17:9A:D2:3B:30		Downloading	1.0.1.5

Note: It takes about 12 minutes for the upgrade process to complete for an AP. After that the AP will become managed again.

Abort Refresh

TFTP Server

Client IP	File Name	Direction	Progress
10.90.90.11	/DLINK_AP_1.0.1.7_uf	get	1875968 bytes (28 %)

Check if the upgrade has been successful:

The screenshot shows a 'Wireless Software Download' window. The 'Download Status' field is highlighted with a red box and contains the text 'Success'. Below the form is a table with the following data:

Managed AP	Location	Status	Software Version
00:17:9A:D2:3B:30		Upgrading	1.0.1.5

A red note at the bottom of the table reads: *Note: It takes about 12 minutes for the upgrade process to complete for an AP. After that the AP will become managed again.*

Don't power off AP or reboot your switch before AP gets **Managed** Status.

The screenshot shows the 'Managed Access Point Status' table in a web interface. The 'Status' column for the AP with MAC address 00:17:9acd:2:3b:30 is highlighted with a red box and contains the text 'Failed'. The 'Configuration Status' column for the same AP contains the text 'Not Configured'.

MAC Address	Location	IP Address	Software Version	Age	Status	Configuration Status	Profile	Radio
00:17:9acd:2:3b:30		10.90.90.11	1.0.1.5	0d 00:00:57	Failed	Not Configured	1-Default	1-802.11a 4

Press Refresh button to monitor the AP re-authentication process.

The screenshot shows the D-Link web interface for a DWS-3024 device. The left sidebar shows a tree view with 'WLAN' selected and 'Managed Access Point' highlighted. The main content area has tabs for 'Status' and 'Statistics', with 'Status' selected. Below are sub-tabs for 'Summary', 'Detail', 'Radio Summary', 'Radio Detail', 'Neighbor APs', 'Neighbor Clients', and 'VAP'. The 'Managed Access Point Status' table is displayed with the following data:

MAC Address	Location	IP Address	Software Version	Age	Status	Configuration	Profile	Radio
00:17:29:ac:42:3b:30		10.90.90.11	1.0.1.7	0d:00:00:11	Authenticated	In Progress	1-Default	1-802.11g

Buttons for 'Delete', 'Delete All', and 'Refresh' are visible at the bottom of the table.

Firmware upgrade success: Status shown as “Managed”, Configuration as “Success”

The screenshot shows the D-Link web interface for a DWS-3024 device, similar to the previous one. The 'Managed Access Point Status' table now shows the following data:

MAC Address	Location	IP Address	Software Version	Age	Status	Configuration	Profile	Radio
00:17:29:ac:42:3b:30		10.90.90.11	1.0.1.7	0d:00:00:01	Managed	Success	1-Default	1-802.11g

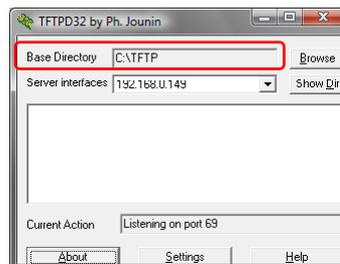
The 'Status' and 'Configuration' columns are now 'Managed' and 'Success' respectively, indicating a successful firmware upgrade.

DWS-3000 series Switch Firmware Upgrade

Download the latest firmware available for your DWS-3000 series switch from www.dlink.com.au/tech

Launch TFTP server software on your computer. You can download the software from ftp://files.dlink.com.au/products/!Routers/TFTP_SERVER.exe
Temporarily disable firewall on your computer.

Note the “Base Directory”. It should be the directory where the firmware files are saved.



Check current firmware (image)

You need the Java Plugin. Get it from [here](#).

Dual Image Status

Unit	Image1 Ver	Image2 Ver	Current-active	Next-active
1	1.0.1.5	none	image1	image1

Image1 Description: 1.0.1.5

Image2 Description:

Refresh

Click on Tools > Download File

You need the Java Plugin. Get it from [here](#).

Tools

- Reset Configuration
- Reset Password
- Reboot System
- Save Changes
- Download File**
- Upload File
- Multiple Image Service

D-Link DWS-3024

IP Address: 10.90.90.90

System Object ID: dws3024

System Up Time: 0 days, 0 hours, 13 mins

Submit

Set File Type as “Code”, Image Name as “Image 2”.
Specify the IP address of the computer which has the TFTP Server software running. Specify the name of the firmware file.

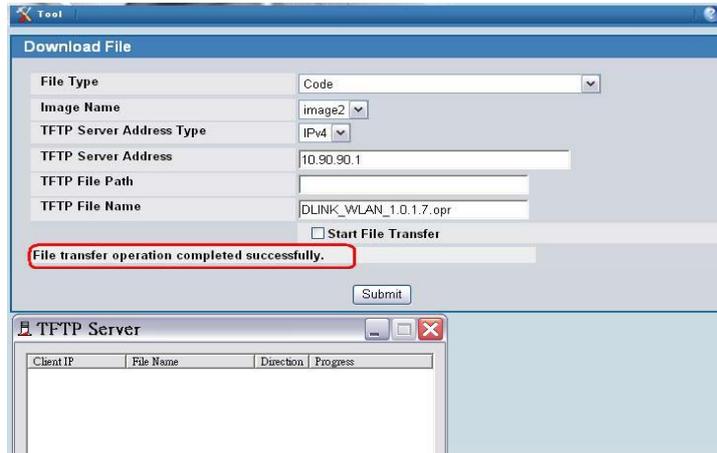
The IP address of TFTP server

Firmware file name. A filenames which is too long may cause problems with upgrade. .

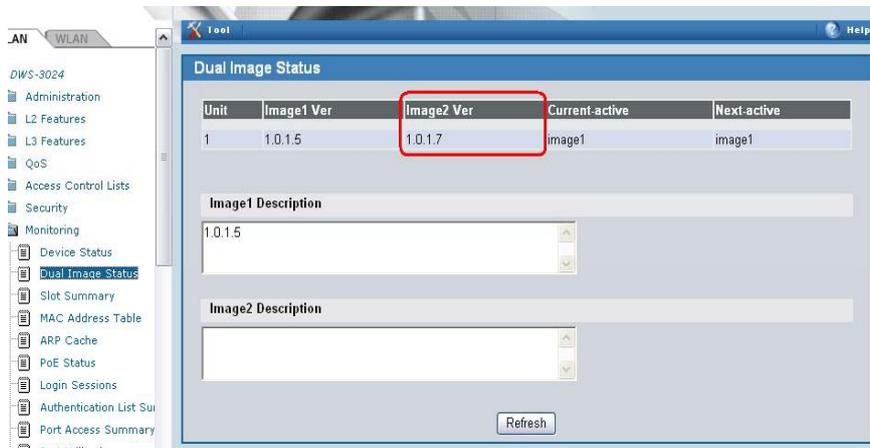
You can monitor the firmware download progress in the TFTP Server software.

Client IP	File Name	Direction	Progress
10.90.90.90	DLINK_WLAN_1.0.1...	get	3684352 bytes (44 %)

Confirm that the firmware download process has been completed.



Check Image2 status:



Go to Tools > Multiple Image Service

Tool Help

- Reset Configuration
- Reset Password
- Reboot System
- Save Changes
- Download File
- Upload File
- Multiple Image Service**

Image2 Ver	Current-active	Next-active
1.0.1.7	image1	image1

Image1 Description
1.0.1.5

Image2 Description

Refresh

Give description to Image2:

Multiple Image Service

Image Name: image2

Current-active: image1

Image Description: 1.0.1.7

Activate Delete Update Bootcode **Submit**

Activate Image2 :

Multiple Image Service

Image Name: image2

Current-active: image1

Image Description: 1.0.1.7

Activate Delete Update Bootcode Submit

Check Next-active status and Image2 Description

The screenshot shows the 'Dual Image Status' page in the D-Link web interface. A table displays the status of two images. The 'Next-active' column for the first image is highlighted with a red box. Below the table, the 'Image2 Description' field is also highlighted with a red box.

Unit	Image1 Ver	Image2 Ver	Current-active	Next-active
1	1.0.1.5	1.0.1.7	image1	image2

Image1 Description: 1.0.1.5

Image2 Description: 1.0.1.7

Refresh

Reboot System

The screenshot shows the 'Dual Image Status' page with a context menu open. The 'Reboot System' option is highlighted with a red box. The table and description fields are visible in the background.

Unit	Image2 Ver	Current-active	Next-active
	1.0.1.7	image1	image2

Image1 Description: 1.0.1.5

Image2 Description: 1.0.1.7

Refresh

Reboot System using “Save and Reset” option:



After reboot Check the Current-active status.



Check firmware version

You need the Java Plugin. Get it from [here](#).

The screenshot shows the D-Link web management interface for a DWS-3024 device. The left sidebar contains a navigation tree with categories like Administration, Monitoring, and Security. The 'Device Status' page is active, displaying a table of system information. The 'Software Version' field is highlighted with a red box.

Field	Value
Management Unit Number	1
System Description	D-Link DWS-3024
Machine Model	DWS-3024
Serial Number	????????????????
FRU Number	
Maintenance Level	A
Manufacturer	Dnhc00
Base MAC Address	00:17:9A:95:00:5C
Software Version	1.0.1.7
Additional Packages	QoS Wireless

Update Bootcode then Reboot System

The screenshot shows the 'Multiple Image Service' page in the D-Link web management interface. It features a form with three fields: 'Image Name' (set to 'image1'), 'Current-active' (set to 'image1'), and 'Image Description' (set to '1.0.1.7'). Below the form are four buttons: 'Activate', 'Delete', 'Update Bootcode', and 'Submit'. The 'Update Bootcode' button is highlighted with a red box.