Firmware Version: 1.20.007
BootCode Version: 1.00.004
Published: Feb. 23rd, 2019

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 via Telnet 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:

Firmware Version	Date	Model	Hardware Version
Runtime: V1.20.007 Boot: V1.00.004	Feb. 23rd, 2019	DIS-200G-12S DIS-200G-12SW DIS-200G-12PS DIS-200G-12PSW	A1
Runtime: V1.10.024 Boot: V1.00.003	Apr. 10, 2018	DIS-200G-12S DIS-200G-12SW DIS-200G-12PS DIS-200G-12PSW	A1
Runtime: V1.10.023 Boot: V1.00.003	Mar. 31, 2018	DIS-200G-12S DIS-200G-12SW DIS-200G-12PS DIS-200G-12PSW	A1
Runtime: V1.00.043 Boot: V1.00.001	Dec. 20, 2017	DIS-200G-12S DIS-200G-12SW DIS-200G-12PS DIS-200G-12PSW	A1

Upgrade Instructions:

D-Link Smart 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 (via Telnet)

1. Make sure the network connection between the switch and PC is active.
2. Use software that supports telnet, for example, HyperTerminal or Telnet command in Microsoft Windows, to connect to the switch. If you are using Telnet command, type the command followed by the switch IP address, eg. *telnet 10.90.90.90*.
3. The logon prompt will appear.

   The switch will prompt the user to enter his/her username and password. It should be noted that upon the initial connection, both the default user name and password are **"admin"**.

   To upgrade the switch firmware, execute the following command:

Command	Function
copy tftp://<ipaddr>/<path_filename 64> <image>	Download firmware file from the TFTP server to the switch.

When completing firmware upgrade, the following messages will pop up.

```
Accessing tftp://10.90.90.99/1.00.042.dat...
Transmission start...
Transmission finished, file length 4823347 bytes.
Please wait, programming flash.............Done.
```

4. Execute the following command to check the firmware version and switch's information.

Command	Function
show version	Display the information of current firmware and boot version.

Example:

1. **Switch# copy tftp://10.90.90.99/1.00.042.dat image1**

```
Command: copy tftp://10.90.90.99/1.00.042.dat image1

Accessing tftp://10.90.90.99/1.00.042.dat...
Transmission start...
Transmission finished, file length 4823347 bytes.
Please wait, programming flash.............Done.
```

2. **Switch# show version**

```
Command: show version

System MAC Address : 00-01-02-03-04-00
```

```
Unit ID    Module Name           Versions
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   1      DIS-200G-12PS/12PSW H/W:A1
                              Bootloader:1.00.001
                              Runtime:1.00.042
```
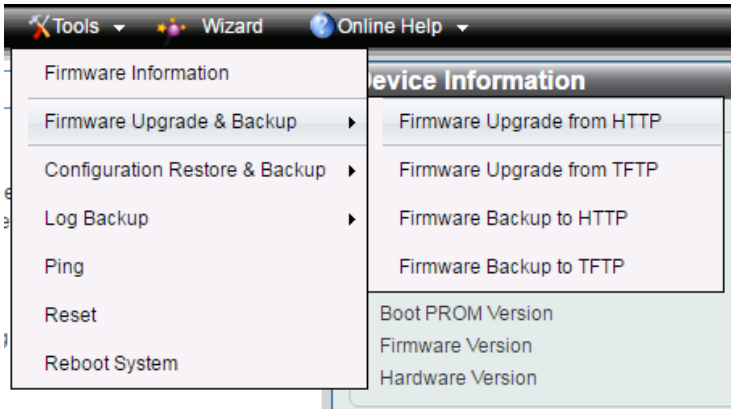

Upgrade using Web-UI

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. Press OK to login. Both the username and password are **"admin"** by default.
4. To update switch's firmware or configuration file, select ***Tools > Firmware Upgrade & Backup*** from the banner.



5. Two methods can be selected : **HTTP** or **TFTP**
6. Select **Firmware Upgrade from HTTP** to upgrade the firmware to or from your local drive of PC.

a. Click **Browse** to browse your inventories for a saved firmware file

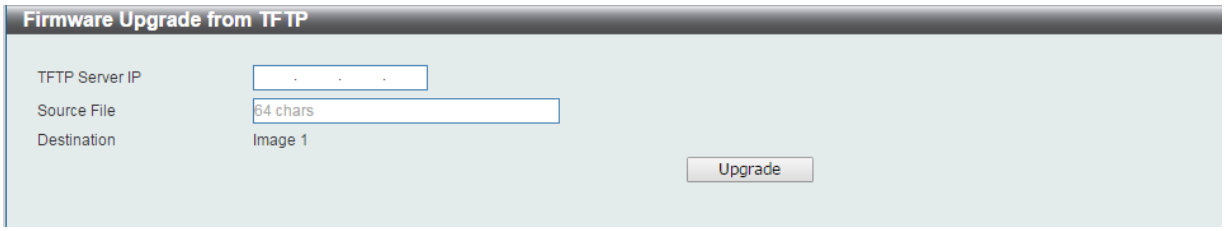
b. Click **Upgrade** after selecting the firmware file you want to restore

c. The firmware will be downloaded to the switch.

d. When download successfully, please DO NOT power off the switch.

e. When firmware is success, the web page will return to **Firmware Upgrade from HTTP**.

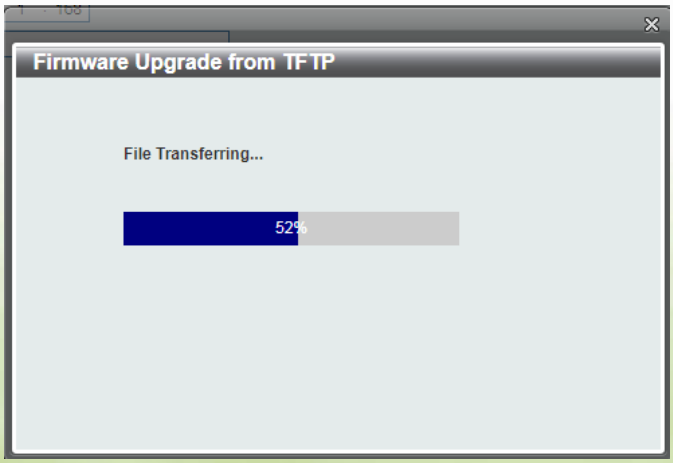
7. Select **TFTP** to upgrade the firmware to or from a remote TFTP server.



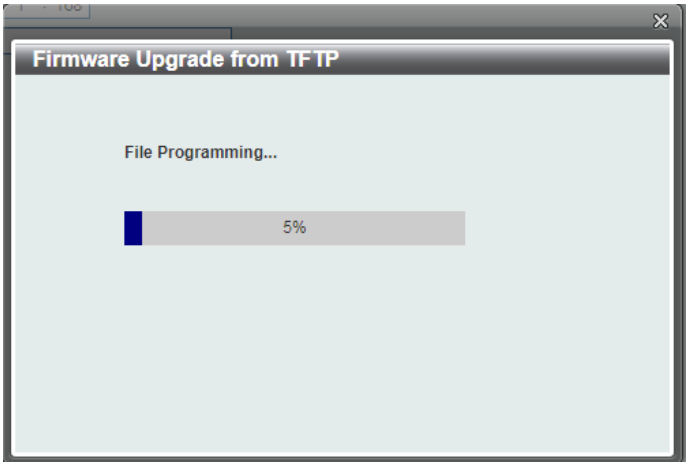
a. Enter the TFTP server IP and the URL of the firmware file located on the TFTP server.

b. Click **Upgrade** after selecting the firmware file you want to restore.

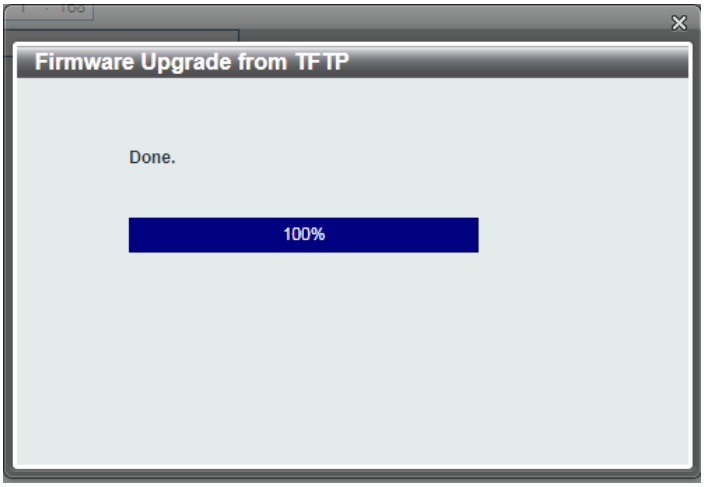
c. The firmware will be download to the switch.



d. When download successfully, please DO NOT power off the switch.

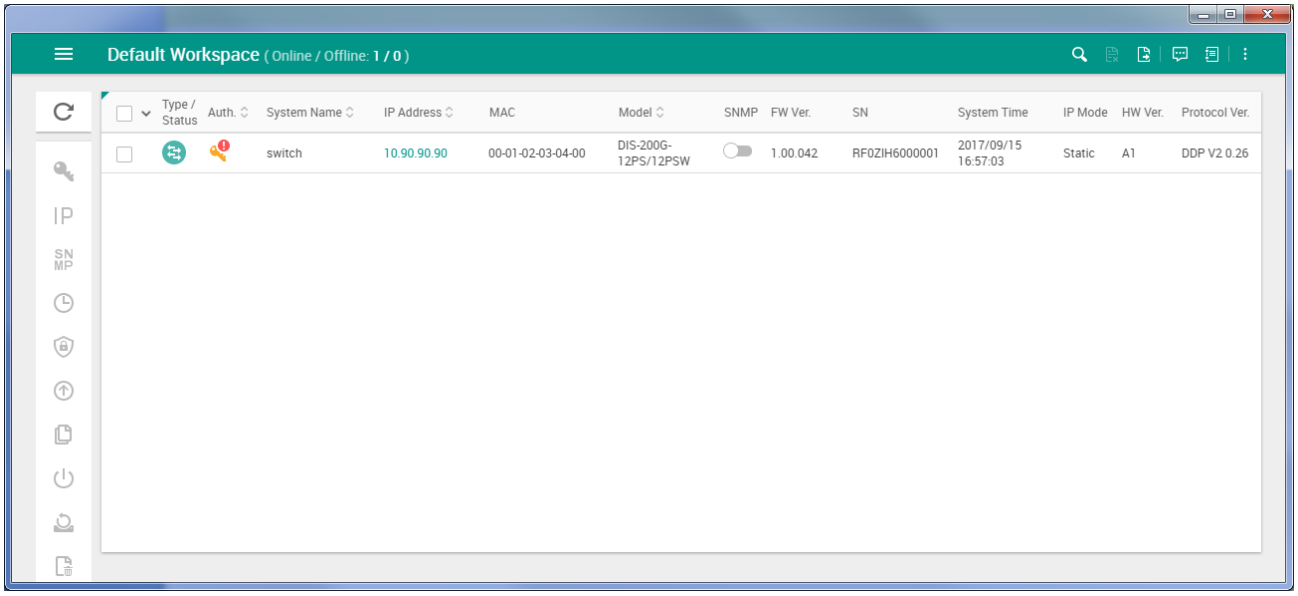


e. Please wait until the system pops up a done message.

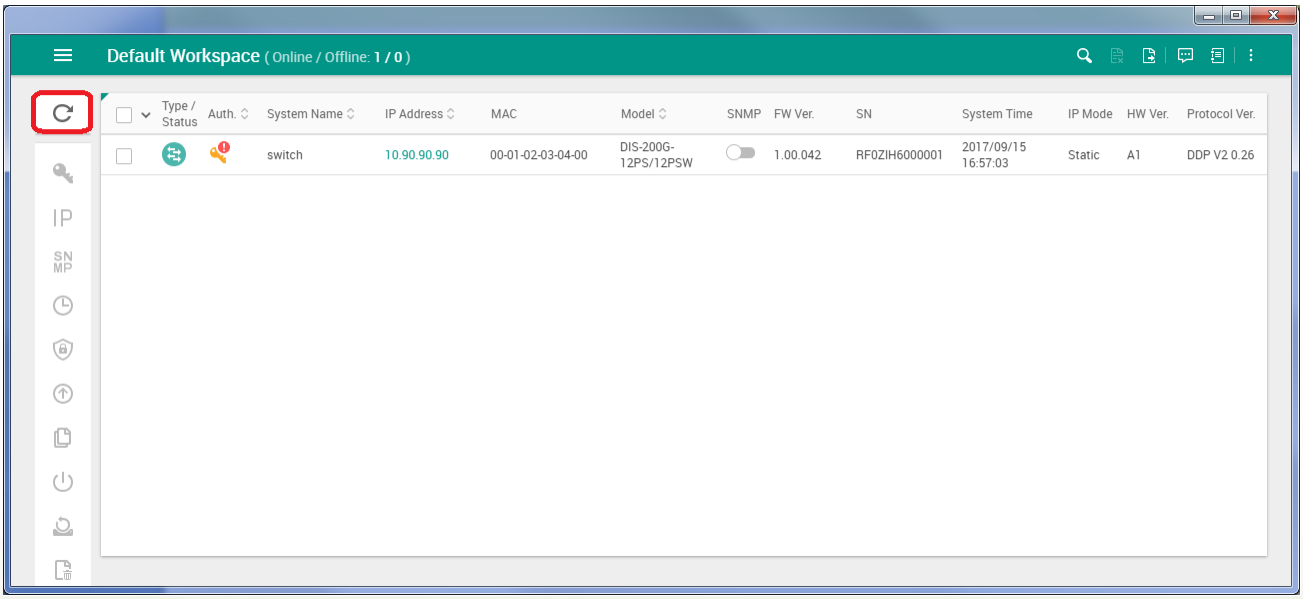


Upgrade using D-Link Network Assistant Utility

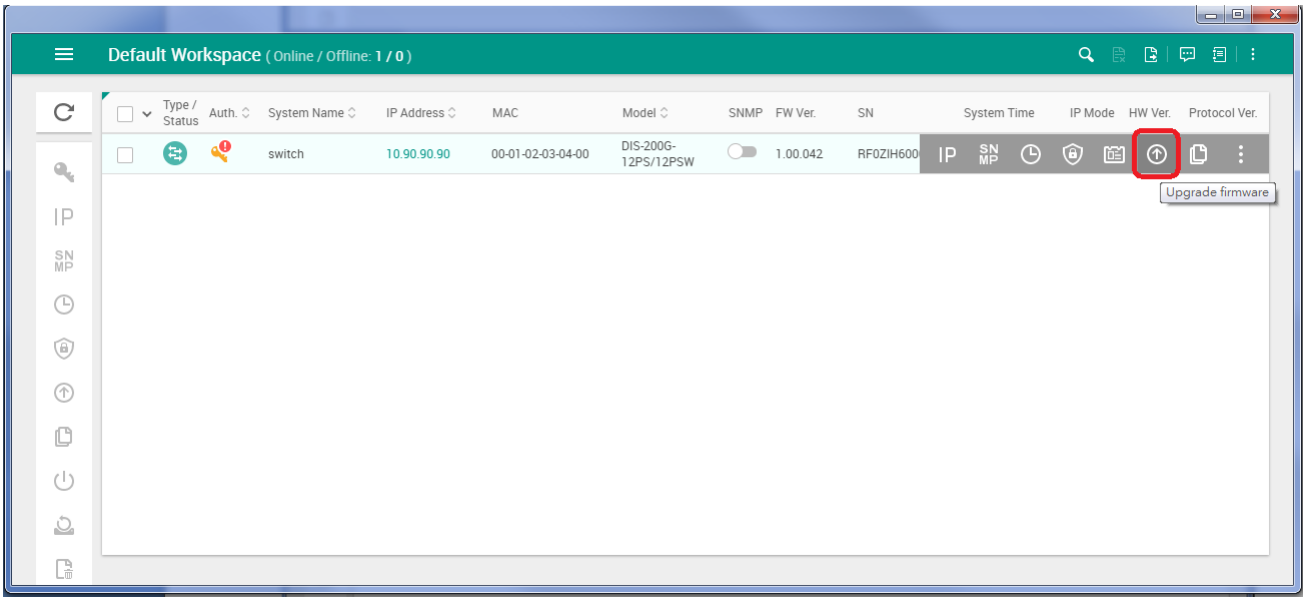
1. Connect a workstation to any switch port of the device. Install DNA App in Web Store of Chrome Browser.
2. Execute D-Link Network Assistant App.



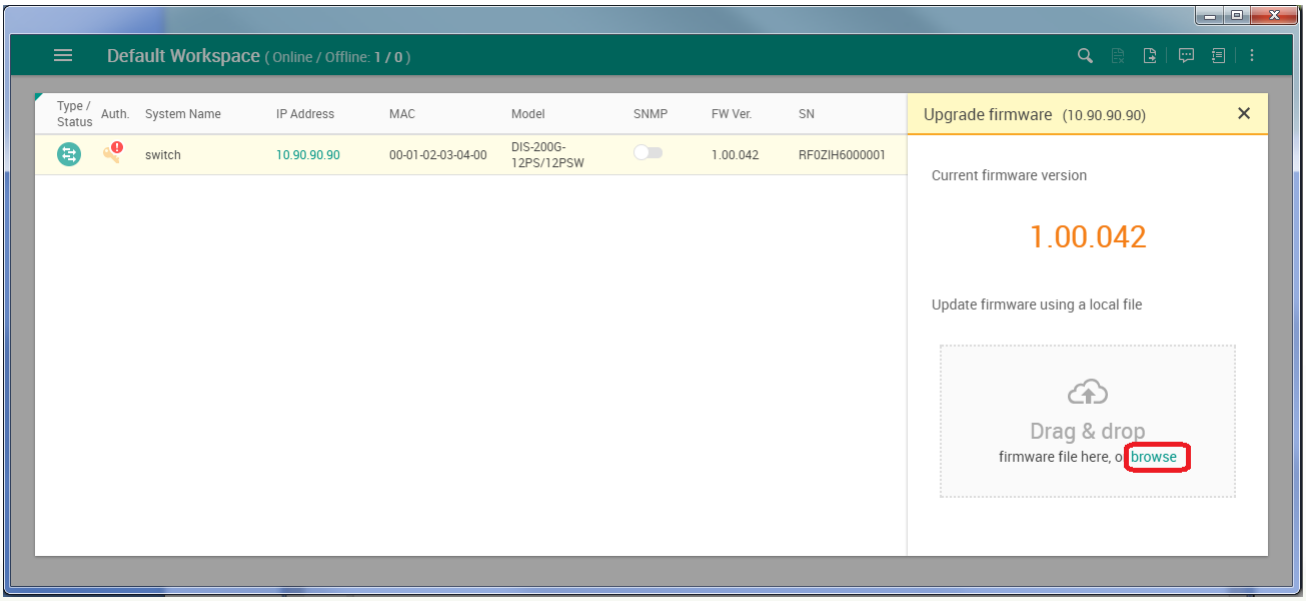
3. Click Refresh button to search target switch



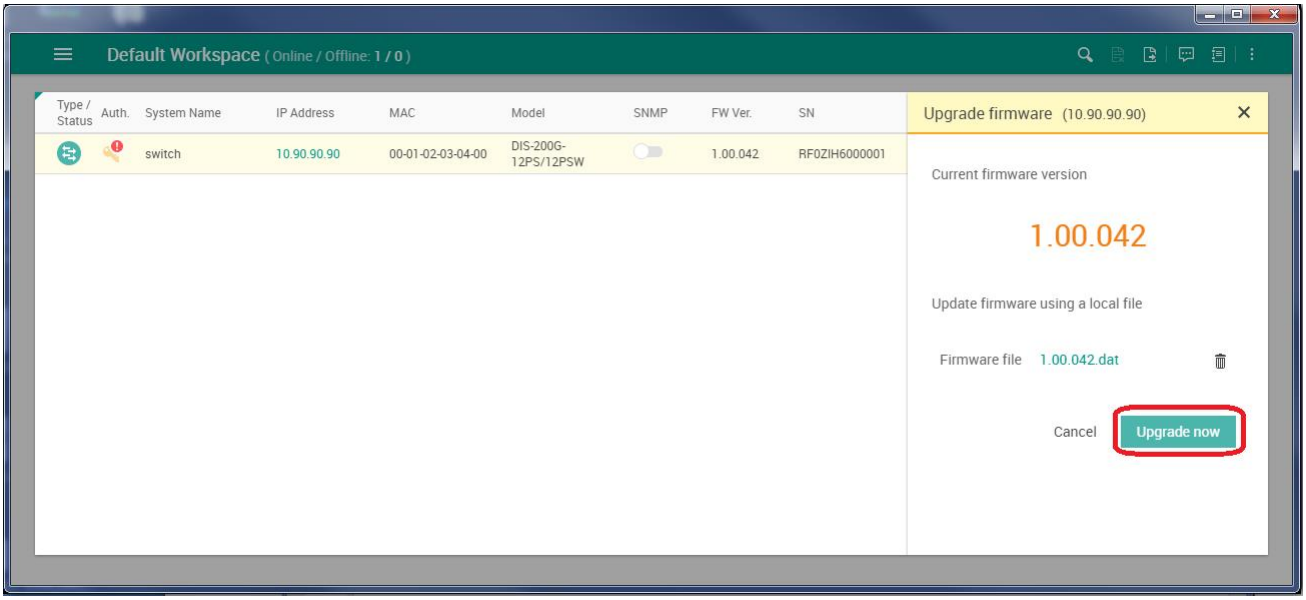
4. Move mouse to target device entry, then click "Upgrade firmware" button into upgrade firmware page.



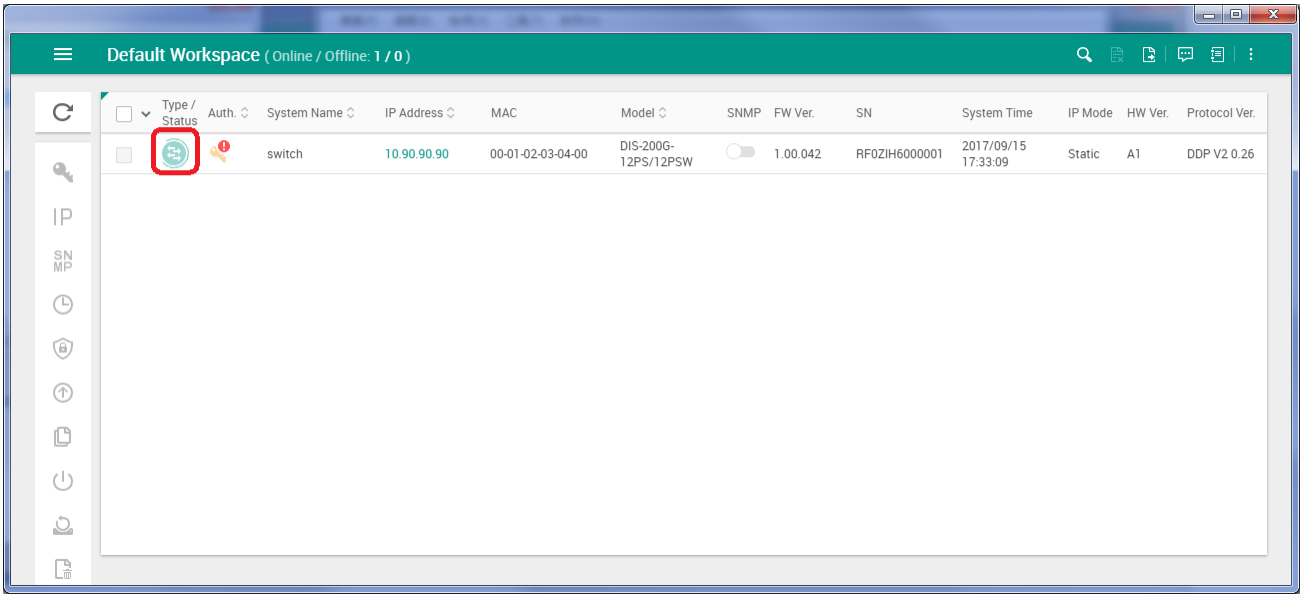
5. Click Browse button and select the firmware file (Model name_HW ver._FW ver. .hex) on your local hard drive.



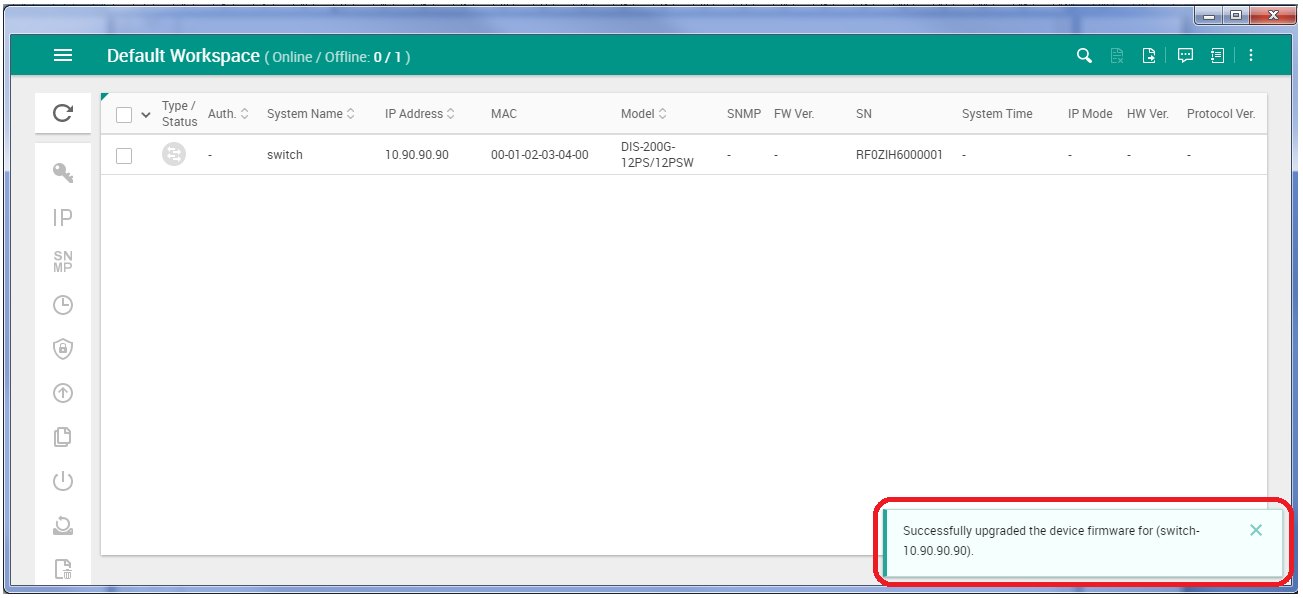
6. Click “Upgrade now” button to start firmware upgrade.

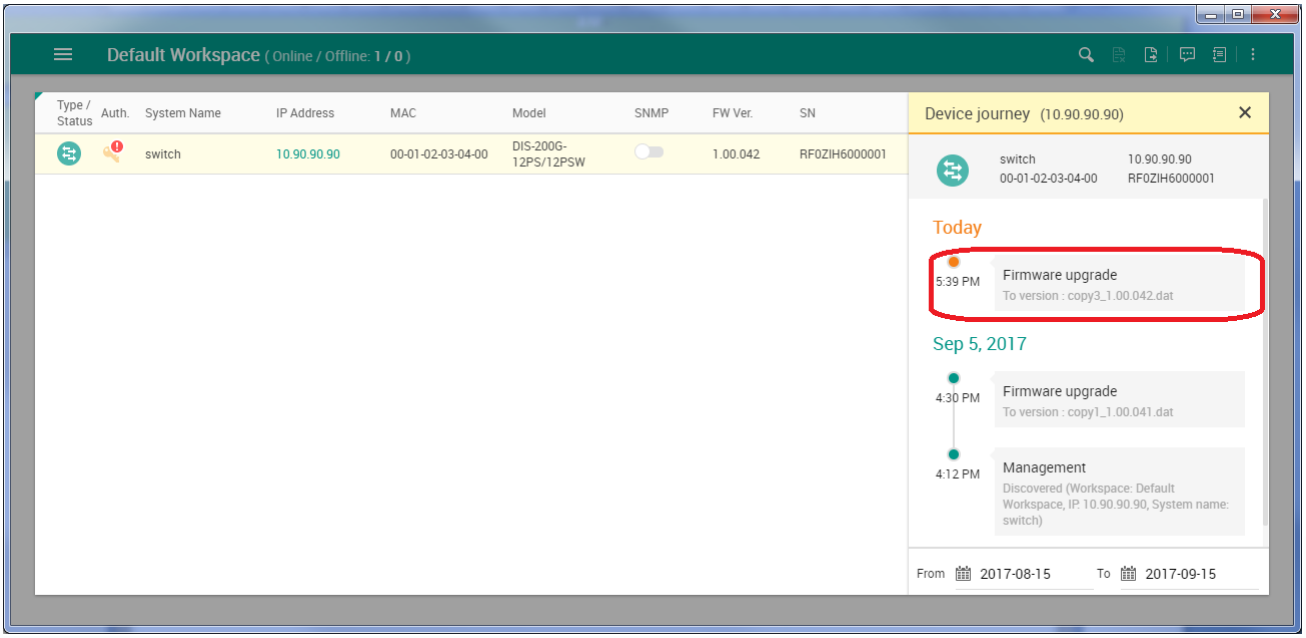


7. Wait until firmware upgrade finished.



8. The DNA pop an information to notify firmware upgrade status. Also can get firmware upgrade status from “Device journey” page.





New Features:

Firmware Version	New Features
V1.20.007	1. Add SSH v2 2. Add VLAN Wizard 3. Add user account creation and password encryption.
V1.10.024	NA
V1.10.023	1.Add G.8032 ERPS(Ethernet Ring Protection Switching) 2.Add 802.1s Multiple Spanning Tree (MSTP) 3.Add IGMP v3 4.Add MLD v2 5.Add Auto Surveillance VLAN 6.Add Surveillance VLAN 7.Add GVRP 8.Add CoS based on ToS/IP preference 9.Add TLS 1.2 10.Add Port Security 11.Add Web-based Access Control (WAC) 12.Add RADIUS 13.Add Optical Transceiver Digital Diagnostic Monitoring (DDM) 14.Support Surveillance Mode on Web-based GUI 15.Support SNMPv3 16.Support RMONv1
V1.00.043	First release.

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
V1.20.007	DIS-200G_MIB_v1.20.007	Add DIS200G-SSH-MIB.mib DIS200G-HTTPS-MIB.mib
V1.10.024	DIS-200G_MIB_v1.10.024	NA
V1.10.023	DIS-200G_MIB_v1.10.023	Add DIS200G-AAA-SERVER-MIB.mib DIS200G-DDM-MIB.mib DIS200G-ERPS-MIB.mib DIS200G-GVRP-MIB.mib DIS200G-POE-MIB.mib DIS200G-PORT-SECURITY-MIB.mib DIS200G-QOS-MIB.mib DIS200G-SURVEILLANCE-VLAN-MIB.mib DIS200G-WEB-AUTH-MIB.mib
V1.00.043	DIS-200G_MIB_FILE	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
V1.20.007	NA
V1.10.024	NA
V1.10.023	1.**STP** spanning-tree mode {mstp | rstp |stp}
V1.00.043	First Release

Problem Fixed:

Firmware Version	Problems Fixed
V1.20.007	Fixed the issue: 1. DI20180725000002-Japan dos-prevention blat / same as DI20180509000004 2. DI20180725000003-Japan WAC Customeize Page / spelling mistake 3. DI20180726000006-Japan DIS-200G shows the mac list of page 1 even if is clicked page 2 and 3 4. DI20180727000005-Japan doesn't allow to delete destination port of monitor session by WebUI. 5. DI20180628000005-Japan Does dview7 support DIS-200G series? 6. DI20180730000007-Japan shows an untagged native vlan as a tagged member on WebUI. 7. HQ20180727000014 shows another pairs' result in cable diag.[DI20180727000007-Japan] 8. HQ20180730000011 shows over 8192 MAC addreses on its WebUI.[DI20180730000008-Japan] 9. HQ20180730000012 no log appears even if Deliverd Power goes over PoE Usage-Threshould[DI20180730000006-Japan] 10.HQ20180730000015 copy flash:[DI20180730000010-Japan] 11.HQ20180730000016 100 million seconds 12.HQ20180730000020 TC by changing a boot image 13.HQ20180731000008 doesn't show an error msg for 100M Half and 10M. 14.HQ20180801000015 WAC...[DI20180727000011-Japan]] issue tracking 15.HQ20180801000010 Reach max login number / relate to DI20180727000002[DI20180727000003-Japan] 16.HQ20180801000006 Trust DSCP setting is lost after reboot 17.HQ20180801000002 Web Session Timeout won't be expired.[DI20180727000002-Japan] 18.HQ20180801000016 Many Loopback Detection logs appear when loop occurs on the switch connected to DIS-200G 19.HQ20180801000017 SYS LED keep blinking orange after LBD detects loop[DI20180801000014-Japan] 20.HQ20180803000010 PD Alive feature does not reset PoE if Retry count is 0[DI20180803000005-Japan] 21.HQ20180803000009 Ping interval for PD Alive sometimes becomes 2

	seconds[DI20180803000004-Japan] 22.HQ20180806000001 PD Alive settings are lost after reboot 23.HQ20180806000006 Loop status is cleared when LBD setting is changed[DI20180803000009-Japan] 24.HQ20180805000001 PoE Time Profile does not work, and the Time Profile settings are lost after reboot 25.HQ20180813000007 LBD keeps a port's status down until Recover timer expires, even if we disable LBD[DI20180813000002-Japan] 26.HQ20180815000001 PoE Time Range over weekend does not work[DI20180814000001-Japan] 27.HQ20180815000006 PoE ports supply power to PD though Time Range settings disable supplying power at the time, after DIS-200G reboots[DI20180813000007-Japan] 28.HQ20180815000007 a port disabled by LBD is not recovered by 29.HQ20180817000007 Sending LACP with 1 second interval even if the partner port is Long Timeout
V1.10.024	1. Fixed admin password not saving after reboot. [DI20180404000001]
V1.10.023	NA
V1.00.043	First Release

Known Issues:

Firmware Version	Issues	Workaround
V1.20.007	1. DI20180809000010-Japan Result of Cable Diag for PD with FE is always failed.	While running cable diagnostic on 10/100Mbps, the switch will link down and stop responding, and link up after the cable diagnostic complete.
V1.10.024	None	
V1.10.023	None	
V1.00.043	None	

Related Documentation:

- DIS-200G Series Getting Started Guide
- DIS-200G_Series_HW_Installation_Guide_v1.00(WW)
- DIS-200G Series_A1_WebGUI user manual_v1.20(WW)
- DIS-200G Series_A1_CLI user manual_v1.20(WW)