



Firmware Version: V1.20.B040
Boot Code Version: 1.00.007
MIB Version: V1.20.B026
Published: Oct. 11, 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 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 and technical documentation from <http://tsd.dlink.com.tw>.

Content:

Upgrade Instructions:	6
Upgrade using CLI (via Telnet).....	6
Upgrade using Web-UI.....	7
Upgrade using D-Link Network Assistant App	9
New Features:.....	13
Changes of MIB	15
Changes of Command Line Interface:	18
Problem Fixed:	19
Known Issues:	21
Related Documentation:	27

Revision History and System Requirement:

Firmware Version	Date	Model	Hardware Version
Runtime: V1.20.B040 Boot: 1.00.007	11-Oct.-2024	DXS-1210-16TC	A2
Runtime: V1.20.B039 Boot: 1.00.007	11-Apr.-2023	DXS-1210-16TC	A2
Runtime: V1.20.B036 Boot: 1.00.007	6-Apr.-2023	DXS-1210-16TC	A2
Runtime: V1.20.B035 Boot: 1.00.007	29-Dec.-2022	DXS-1210-16TC	A2
Runtime: V1.20.B034 Boot: 1.00.007	4-Nov.-2022	DXS-1210-16TC	A2
Runtime: V1.20.B033 Boot: 1.00.007	19-Aug.-2022	DXS-1210-16TC	A2
Runtime: V1.20.B032 Boot: 1.00.007	20-Apr.-2022	DXS-1210-16TC	A2
Runtime: V1.20.B031 Boot: 1.00.007	17-Feb.-2022	DXS-1210-16TC	A2
Runtime: V1.20.B030 Boot: 1.00.007	16-Dec.-2021	DXS-1210-16TC	A2
Runtime: V1.20.B029 Boot: 1.00.007	18-Nov.-2021	DXS-1210-16TC	A2
Runtime: V1.20.B028 Boot: 1.00.007	8- July.-2021	DXS-1210-16TC	A2
Runtime: V1.20.B027 Boot: 1.00.007	18- June.-2021	DXS-1210-16TC	A2
Runtime: V1.20.B026 Boot: 1.00.007	4- June.-2021	DXS-1210-16TC	A2
Runtime: V1.20.B025 Boot: 1.00.007	31- May.-2021	DXS-1210-16TC	A2
Runtime: V1.20.B024 Boot: 1.00.007	9- Apr.-2021	DXS-1210-16TC	A2
Runtime: V1.20.B022 Boot: 1.00.007	28- Jan.-2021	DXS-1210-16TC	A2

Runtime: V1.20.B021 Boot: 1.00.007	11- Dec.-2020	DXS-1210-16TC	A2
Runtime: V1.20.B020 Boot: 1.00.007	20- Nov.-2020	DXS-1210-16TC	A2
Runtime: V1.20.B019 Boot: 1.00.007	18- Nov.-2020	DXS-1210-16TC	A2
Runtime: V1.20.B018 Boot: 1.00.007	4- Sep.-2020	DXS-1210-16TC	A2
Runtime: V1.20.B017 Boot: 1.00.007	4- Aug.-2020	DXS-1210-16TC	A2
Runtime: V1.20.B014 Boot: 1.00.007	25- May.-2020	DXS-1210-16TC	A2
Runtime: V1.20.B013 Boot: 1.00.007	12- May.-2020	DXS-1210-16TC	A2
Runtime: V1.20.B011 Boot: 1.00.007	17- Mar.-2020	DXS-1210-16TC	A2
Runtime: V1.20.B010 Boot: 1.00.007	10- Mar.-2020	DXS-1210-16TC	A2
Runtime: V1.20.B009 Boot: 1.00.007	18- Feb.-2020	DXS-1210-16TC	A2
Runtime: V1.20.B007 Boot: 1.00.007	10- Jan.-2020	DXS-1210-16TC	A2
Runtime: V1.20.B006 Boot: 1.00.007	2- Jan.-2020	DXS-1210-16TC	A2
Runtime: V1.20.B005 Boot: 1.00.007	18- Dec.-2019	DXS-1210-16TC	A2
Runtime: V1.20.B001 Boot: 1.00.007	2- Sep.-2019	DXS-1210-16TC	A2
Runtime: V1.15.B022 Boot: 1.00.006	29-Aug.-2019	DXS-1210-16TC	A2
Runtime: V1.15.B021 Boot: 1.00.006	19-Jul.-2019	DXS-1210-16TC	A2

Runtime: V1.15.B020 Boot: 1.00.006	14-Jun.-2019	DXS-1210-16TC	A2
Runtime: V1.15.B019 Boot: 1.00.006	31-May.-2019	DXS-1210-16TC	A2
Runtime: V1.15.B018 Boot: 1.00.006	5-Mar.-2019	DXS-1210-16TC	A2
Runtime: V1.15.B017 Boot: 1.00.006	21-Dec.-2018	DXS-1210-16TC	A2
Runtime: V1.15.B016 Boot: 1.00.006	28-Nov.-2018	DXS-1210-16TC	A2
Runtime: V1.15.B015 Boot: 1.00.006	10-Aug.-2018	DXS-1210-16TC	A2
Runtime: V1.15.B014 Boot: 1.00.006	12-Apr.-2018	DXS-1210-16TC	A2
Runtime: V1.15.B013 Boot: 1.00.006	30-Mar.-2018	DXS-1210-16TC	A2
Runtime: V1.15.B012 Boot: 1.00.006	21-Mar.-2018	DXS-1210-16TC	A2
Runtime: V1.15.B011 Boot: 1.00.006	8-Feb.-2018	DXS-1210-16TC	A2
Runtime: V1.15.B010 Boot: 1.00.006	22- Dec.-2017	DXS-1210-16TC	A2
Runtime: V1.15. 009 Boot: 1.00.006	17- Aug.-2017	DXS-1210-16TC	A2

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 (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 **unnecessary**.
The switch not support to upgrade current startup image id, should select other image id.
To upgrade the switch firmware, execute the following command:

Command	Function
<code>copy tftp://LOCATION/SOURCE-URL</code>	Download firmware file from the TFTP server to the switch.

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

```
TFTP Firmware Upgrade processing.....Do not power off!!
Transfer firmware..... 1%~100%
Upgrade processing..... 1%~100%
Firmware upgrade successfully!
```

4. Select image id that was successful upgrade firmware as next start up image id, reboot system and execute the following command to check the firmware version and switch's information.

Command	Function
<code>show switch</code>	Display the information of current firmware and boot version.

Example:

1. **DXS-1210-16TC> copy tftp://10.90.90.99/DXS-1210-16TC-V1-15-009-ALL.hex**

Command: `copy tftp://10.90.90.99/DXS-1210-16TC-V1-15-009-ALL.hex`

```
TFTP Firmware Upgrade processing.....Do not power off!!
Transfer firmware..... 1%~100%
Upgrade processing..... 1%~100%
Firmware upgrade successfully!
```

2. DXS-1210-16TC> show switch

Command: show switch

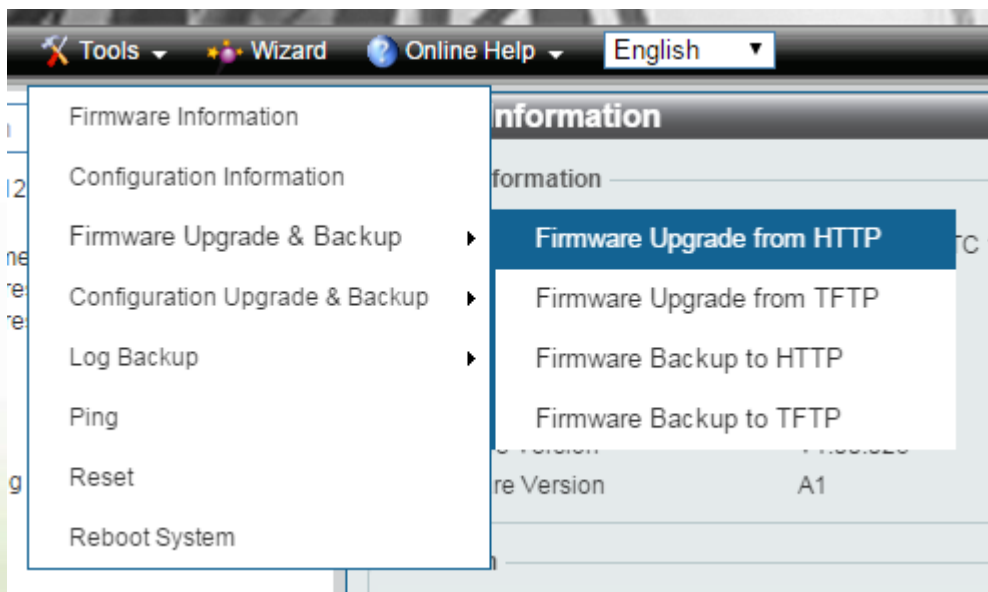
Device Information

```

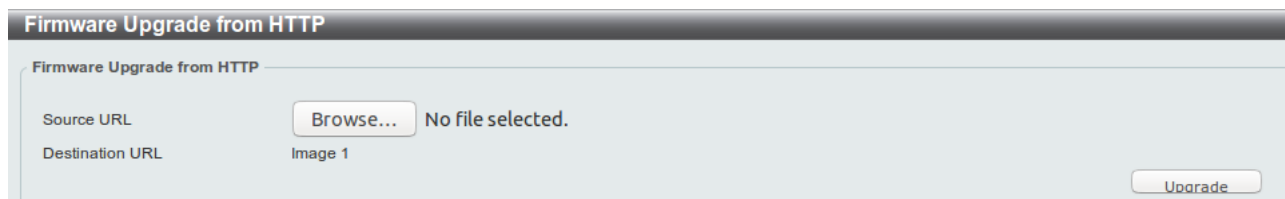
Device Type       : DXS-1210-16TC 10GbE Smart Managed Switch
System Name      : Switch
System Location   :
System Contact    :
Boot PROM Version : 1.00.006
Firmware Version  : V1.15.B010
Hardware Version  : A2
MAC Address       : 00-01-0C-03-B4-15
IP Address        : 10.90.90.90
Mask              : 255.255.255.0
Gateway           : 0.0.0.0
System Time       : 01/01/2017 00:17:51
Serial Number     : QBDGS12102800
    
```

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 **unnecessary** by default.
4. To update switch's firmware or configuration file, select **Tools > Firmware Backup & Upgrade** from the banner.



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



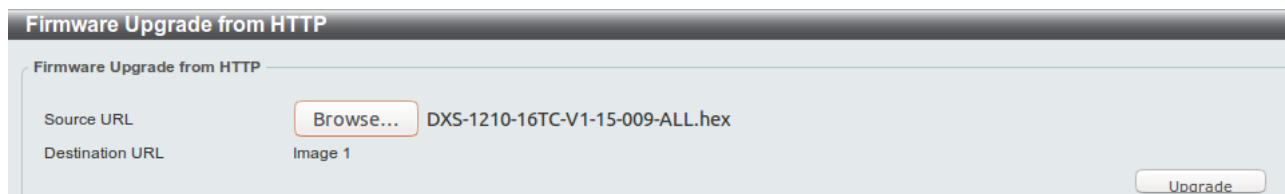
Firmware Upgrade from HTTP

Firmware Upgrade from HTTP

Source URL No file selected.

Destination URL

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



Firmware Upgrade from HTTP

Firmware Upgrade from HTTP

Source URL DXS-1210-16TC-V1-15-009-ALL.hex

Destination URL

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



Firmware Upgrade from HTTP

Firmware Upgrade from HTTP

Source URL DXS-1210-16TC-V1-15-009-ALL.hex

Destination URL

Firmware Upgrade Information

Receiving firmware, please wait...6% complete.

- c. It will be download the firmware file to DUT.
- d. When download success, it will process upgrade.



Firmware Upgrade from HTTP

Firmware Upgrade from HTTP

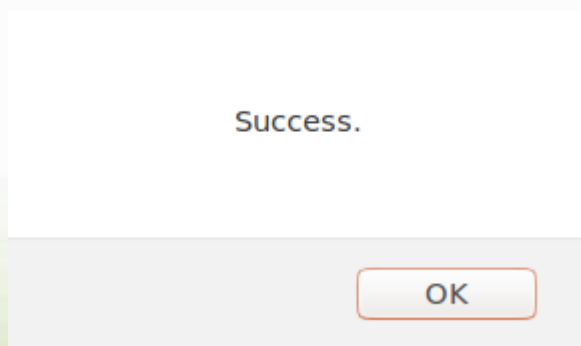
Source URL DXS-1210-16TC-V1-15-009-ALL.hex

Destination URL

Firmware Upgrade Information

Processing upgrade, please wait...1% complete.

- e. Wait until the "Success" message pops up.



Success.

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



Firmware Upgrade from TFTP

Firmware Upgrade from TFTP

TFTP Server IP: [] [] [] [] [] [] ☒ IPv4 ☐ IPv6

Source URL: [64 chars]

Destination URL: [Image 2]

[Upgrade]

- Enter the TFTP server IP and the URL of the firmware file located on the TFTP server.
- Click **Upgrade** after selecting the firmware file you want to restore.
- It will be download the firmware file to DUT.



Firmware Upgrade from TFTP

Firmware Upgrade from TFTP

TFTP Server IP: 10 . 90 . 90 . 99 ☒ IPv4 ☐ IPv6

Source URL: DXS-1210-16TC-V1-15-009-

Destination URL: []

[Upgrade]

Firmware Upgrade Information

Receiving firmware, please wait...3% complete.

- When download success, it will process upgrade.



Firmware Upgrade from TFTP

Firmware Upgrade from TFTP

TFTP Server IP: 10 . 90 . 90 . 99 ☒ IPv4 ☐ IPv6

Source URL: DXS-1210-16TC-V1-15-009-

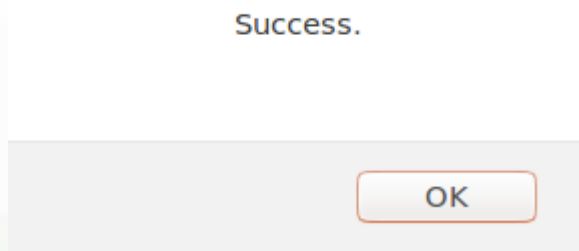
Destination URL: []

[Upgrade]

Firmware Upgrade Information

Processing upgrade, please wait...6% complete.

- Wait until the firmware upgrade ends.



Success.

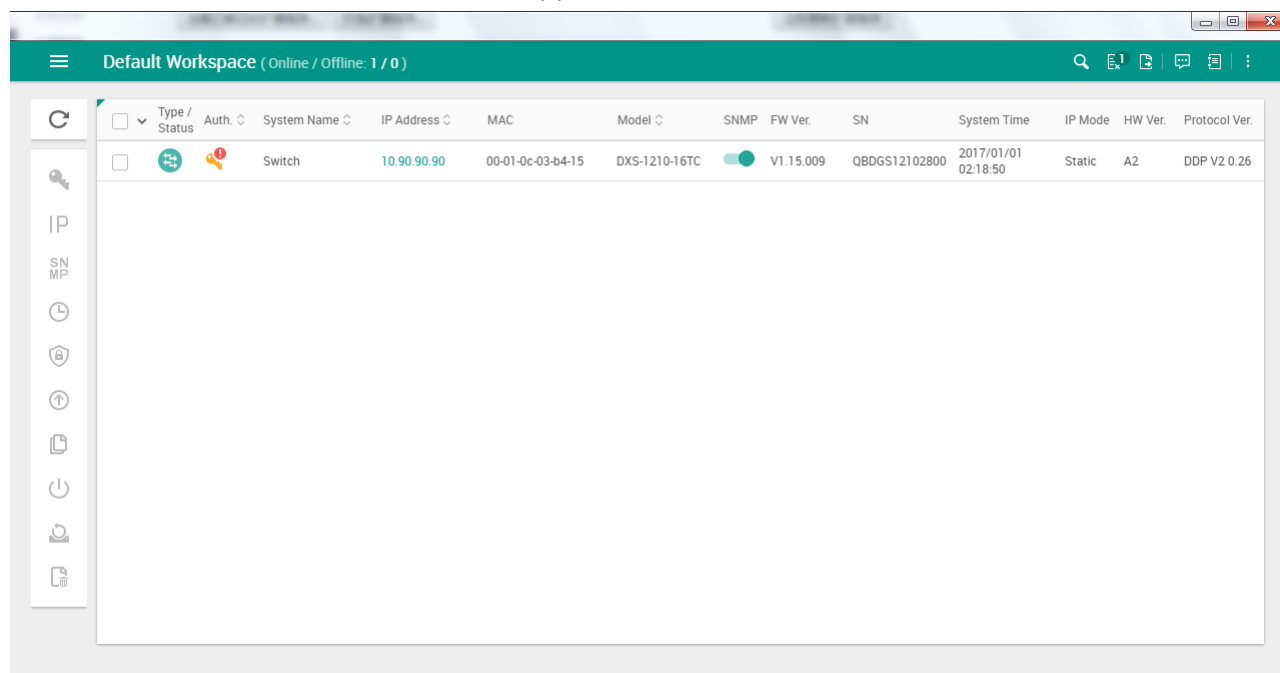
[OK]

Upgrade using D-Link Network Assistant App

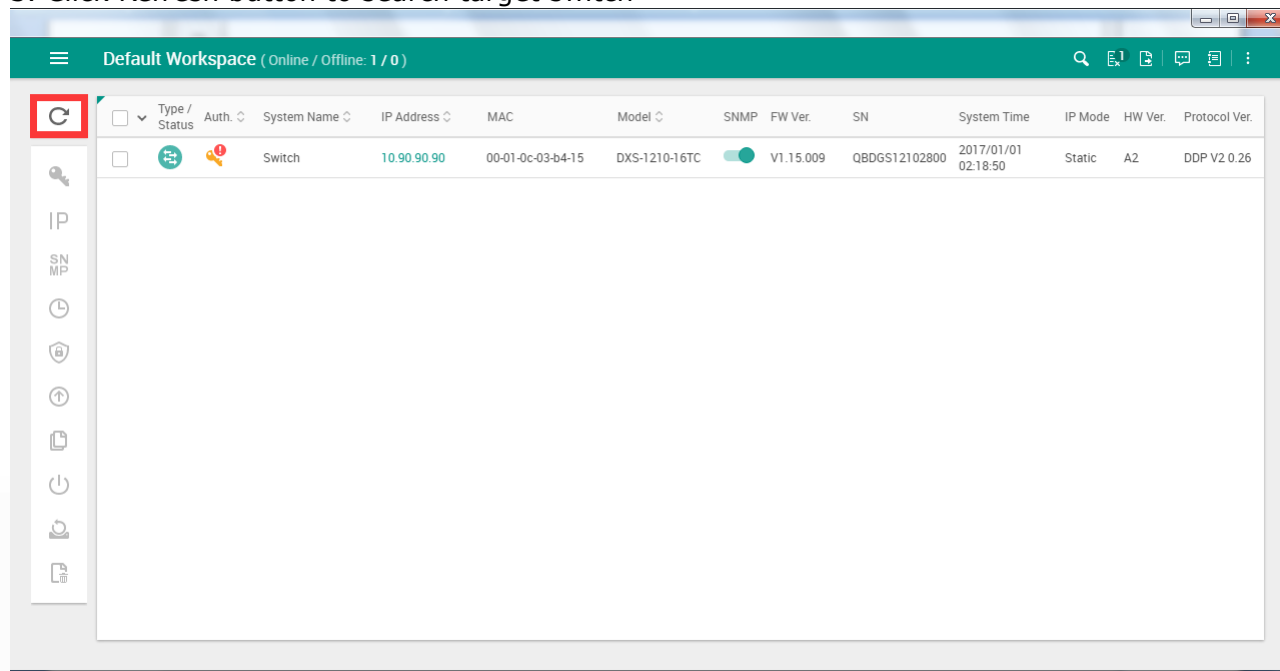
- Connect a workstation installed with java SE runtime environment to any switch port of the

device. Install DNA App in Web Store of Chrome Browser.

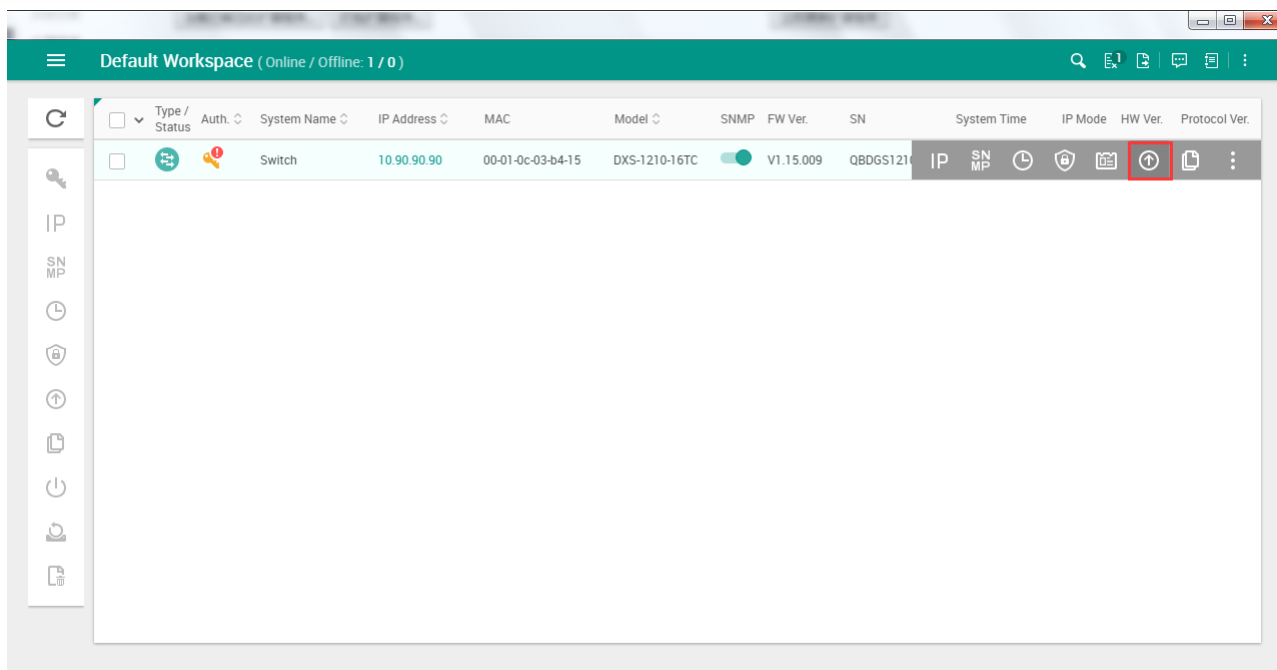
2. Execute D-Link Network Assistant App.



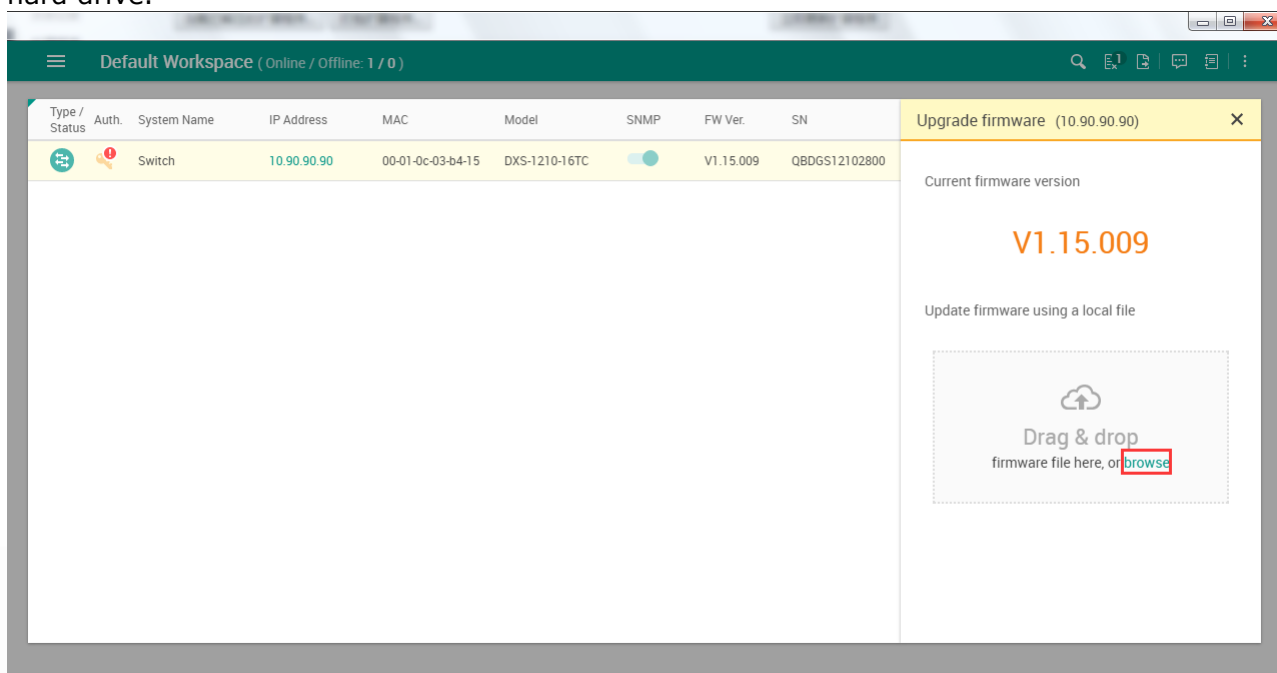
3. Click Refresh button to search target switch



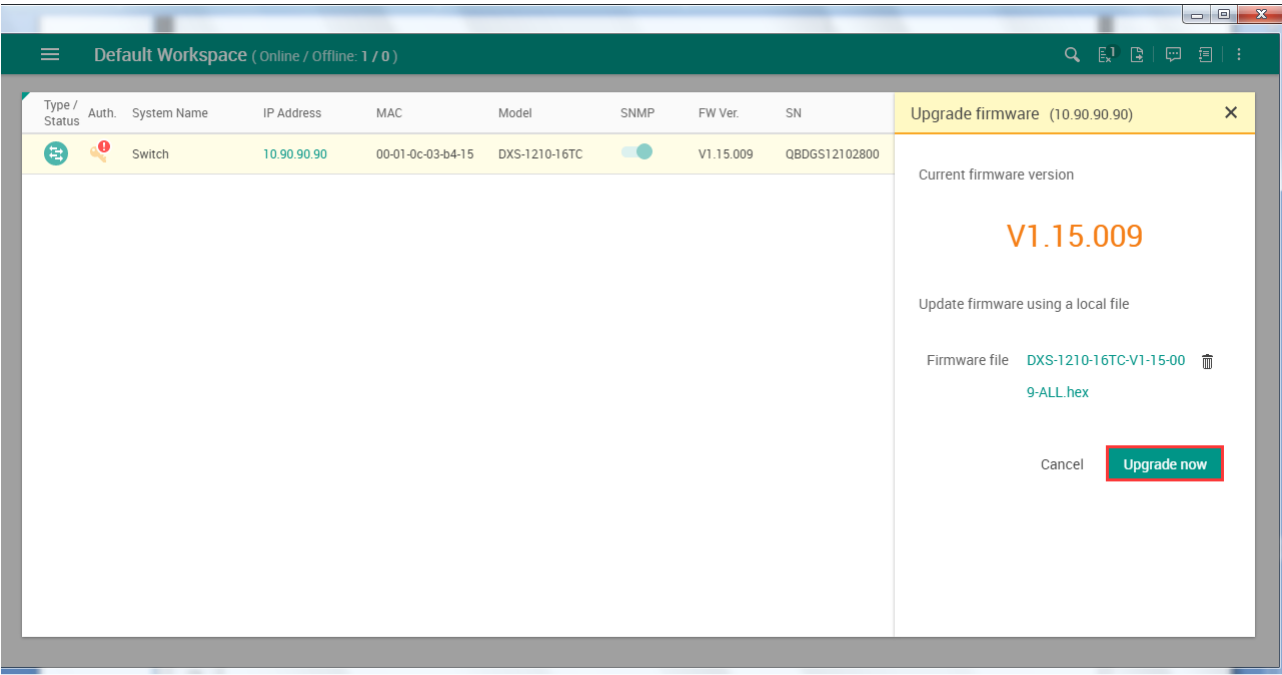
4. Move mouse to target device entry, then click "Upgrade firmware" button into upgrade firmware page



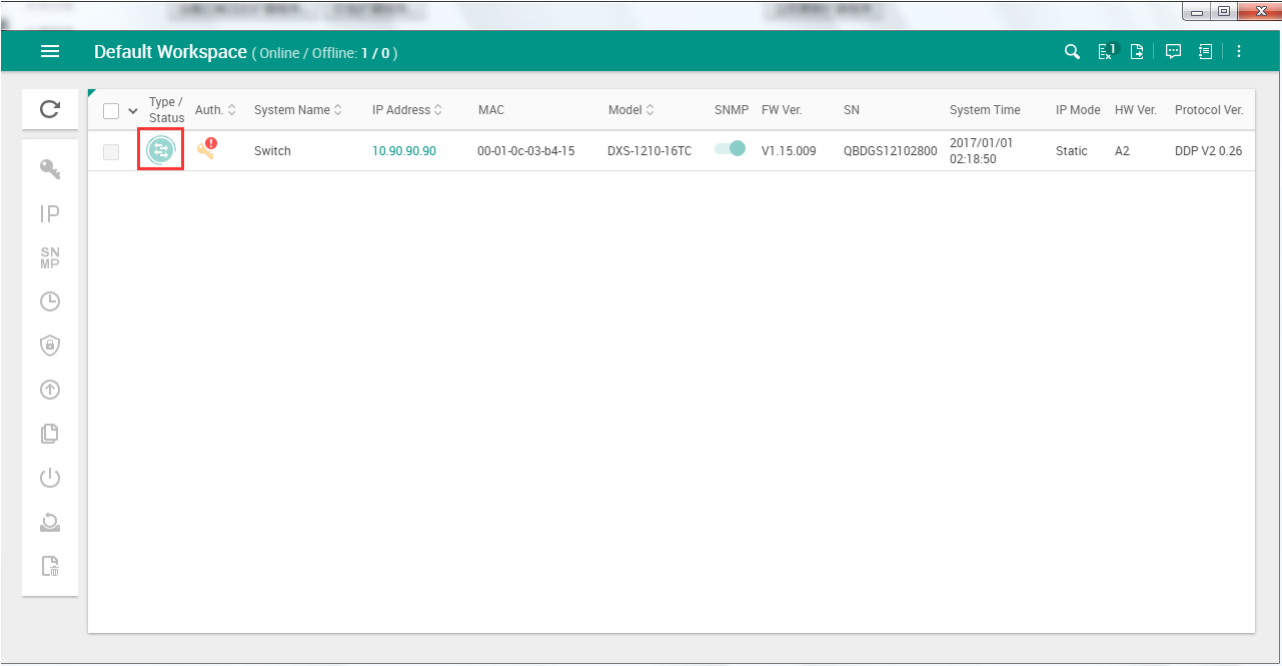
5. Click Browse button and select the firmware file (Model name- FW version .hex) on your local hard drive.



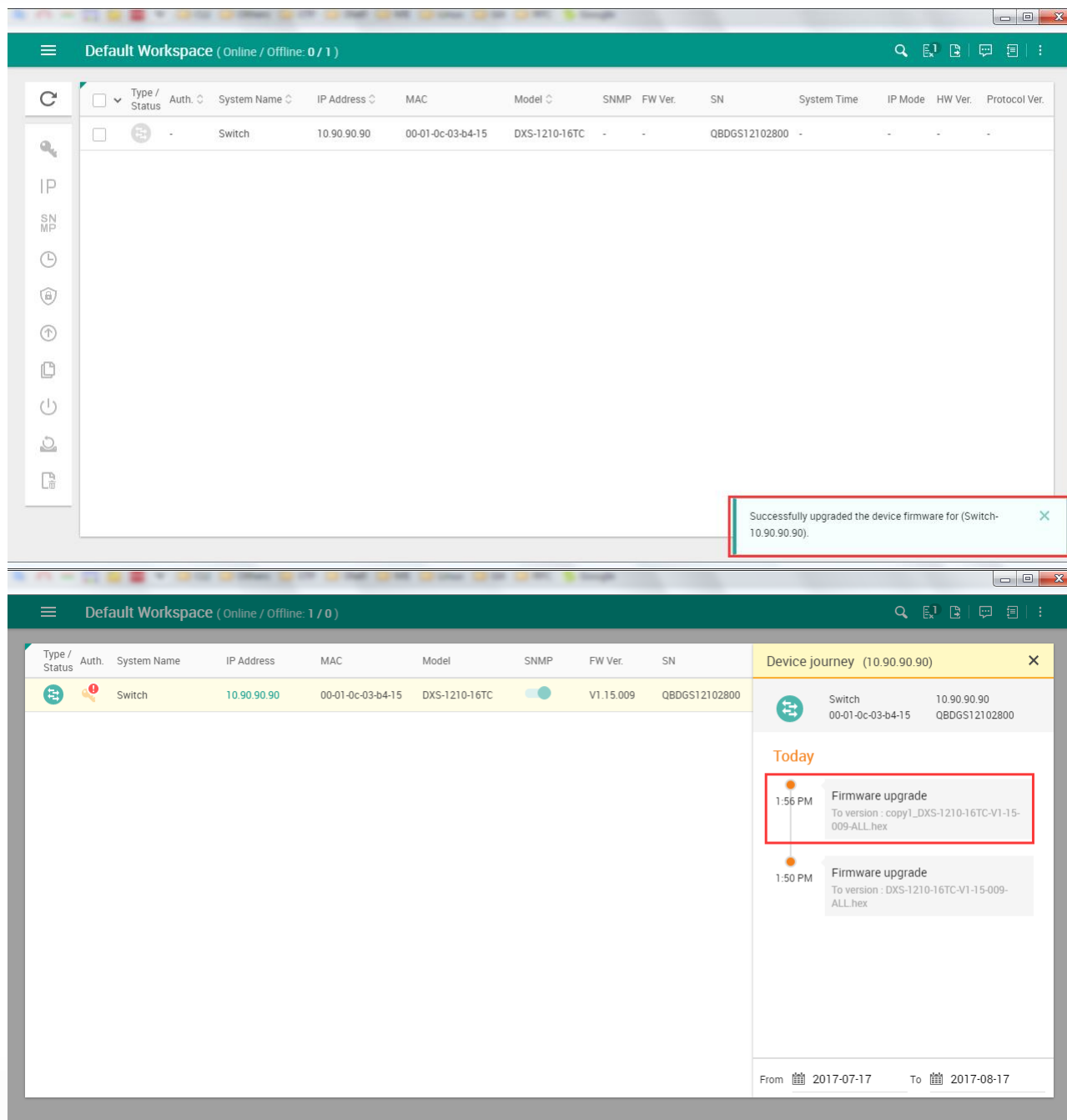
6. Click "Upgrade now" button to start firmware upgrade.



7. Wait until firmware upgrade finished.



8. The DNA pops information to notify firmware upgrade status. Also can get firmware upgrade status from "Device journey" page.



New Features:

Firmware Version	New Features
V1.20.B040	NONE
V1.20.B039	NONE

V1.20.B017~ V1.20.B036	NONE
V1.20.B016	Minimize the config.
V1.20.B014	NONE
V1.20.B013	New style RunningConfig.
V1.20.B011	NONE
V1.20.B010	NONE
V1.20.B009	Multi-process RSTP, RSPAN, L4_src_dest_port LACP algorithm, support VLAN Wizard function.
V1.20.B007	NONE
V1.20.B006	SSH public key , host base and password function.
V1.20.B005	NONE
V1.20.B001	DDM function
V1.15.B022	NONE
V1.15.B021	NONE
V1.15.B020	NONE
V1.15.B019	NONE
V1.15.B018	NONE

V1.15.B017	NONE
V1.15.B016	NONE
V1.15.B015	NONE
V1.15.B014	NONE
V1.15.B013	NONE
V1.15.B012	NONE
V1.15.B011	NONE
V1.15.B010	NONE
V1.15.B010	NONE
V1.15.009	First Release

Changes of MIB :

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

Mib Version	MIB File	New Features
V1.20.B036	DXS-1210-16TC-AX-V1.20.B036.mib	NONE
V1.20.B035	DXS-1210-16TC-AX-V1.20.B035.mib	NONE
V1.20.B034	DXS-1210-16TC-AX-V1.20.B034.mib	NONE

V1.20.B033	DXS-1210-16TC-AX-V1.20.B033.mib	NONE
V1.20.B032	DXS-1210-16TC-AX-V1.20.B032.mib	NONE
V1.20.B031	DXS-1210-16TC-AX-V1.20.B031.mib	NONE
V1.20.B030	DXS-1210-16TC-AX-V1.20.B030.mib	NONE
V1.20.B029	DXS-1210-16TC-AX-V1.20.B029.mib	NONE
V1.20.B028	DXS-1210-16TC-AX-V1.20.B028.mib	NONE
V1.20.B027	DXS-1210-16TC-AX-V1.20.B027.mib	NONE
V1.20.B026	DXS-1210-16TC-AX-V1.20.B026.mib	NONE
V1.20.B025	DXS-1210-16TC-AX-V1.20.B025.mib	NONE
V1.20.B024	DXS-1210-16TC-AX-V1.20.B024.mib	NONE
V1.20.B022	DXS-1210-16TC-AX-V1.20.B022.mib	NONE
V1.20.B021	DXS-1210-16TC-AX-V1.20.B021.mib	NONE
V1.20.B020	DXS-1210-16TC-AX-V1.20.B020.mib	NONE
V1.20.B019	DXS-1210-16TC-AX-V1.20.B019.mib	NONE
V1.20.B018	DXS-1210-16TC-AX-V1.20.B018.mib	NONE
V1.20.B017	DXS-1210-16TC-AX-V1.20.B017.mib	NONE

V1.20.B014	DXS-1210-16TC-AX-V1.20.B014.mib	NONE
V1.20.B013	DXS-1210-16TC-AX-V1.20.B013.mib	NONE
V1.20.B011	DXS-1210-16TC-AX-V1.20.B011.mib	NONE
V1.20.B010	DXS-1210-16TC-AX-V1.20.B010.mib	NONE
V1.20.B009	DXS-1210-16TC-AX-V1.20.B009.mib	NONE
V1.20.B007	DXS-1210-16TC-AX-V1.20.B007.mib	NONE
V1.20.B006	DXS-1210-16TC-AX-V1.20.B006.mib	NONE
V1.20.B005	DXS-1210-16TC-AX-V1.20.B005.mib	NONE
V1.20.B001	DXS-1210-16TC-AX-V1.20.B001.mib	DDM
V1.15.B022	DXS-1210-16TC-AX-V1.15.B022.mib	NONE
V1.15.B021	DXS-1210-16TC-AX-V1.15.B021.mib	NONE
V1.15.B020	DXS-1210-16TC-AX-V1.15.B020.mib	NONE
V1.15.B019	DXS-1210-16TC-AX-V1.15.B019.mib	NONE
V1.15.B018	DXS-1210-16TC-AX-V1.15.B018.mib	NONE
V1.15.B017	DXS-1210-16TC-AX-V1.15.B017.mib	NONE
V1.15.B016	DXS-1210-16TC-AX-V1.15.B016.mib	NONE

V1.15.B015	DXS-1210-16TC-AX-V1.15.B015.mib	NONE
V1.15.B014	DXS-1210-16TC-AX-V1.15.B014.mib	NONE
V1.15.B013	DXS-1210-16TC-AX-V1.15.B013.mib	NONE
V1.15.B012	DXS-1210-16TC-AX-V1.15.B012.mib	NONE
V1.15.B011	DXS-1210-16TC-AX-V1.15.B011.mib	NONE
V1.15.B010	DXS-1210-16TC-AX-V1.15.B010.mib	NONE
V1.15.009	DXS-1210-16TC-AX-V1.15.009.mib	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.B040	NONE
V1.20.B039	NONE
V1.20.B001~ V1.20.B036	NONE
V1.15.B022	NONE
V1.15.B021	NONE
V1.15.B019	NONE
V1.15.B018	NONE
V1.15.B017	NONE
V1.15.B016	NONE
V1.15.B015	NONE

V1.15.B014	NONE
V1.15.B013	NONE
V1.15.B012	NONE
V1.15.B011	NONE
V1.15.B010	NONE
V1.15.009	First Release

Problem Fixed:

Firmware Version	Problems Fixed
V1.20.B040	DXS-1210-16TC 0078572: Cusomter reports log: Warnings(4) SNMP request received with invalid community string![DEUR20240628000005-Eastern Europe]
V1.20.B039	1. DXS-1210-12SC Problem with encryption.[DRU20230519000005-Russia] 2. [VIP_Case]DXS-1210-12SC CLI abbreviate bug[DUSA20231129000001] 3. "aaa authentication login default tacacs+ none none none" can not be saved[DEUR20240221000001] 4. support TACAS server can authenticce without setting PAP.
V1.20.B036	Add debug commands
V1.20.B035	VLANs not removed from running/startup config[DEUR20221024000003-North Europe]
V1.20.B034	VLANs not removed from running/startup config[DEUR20221024000003-North Europe]
V1.20.B033	DXS-1210-12SC and issue with crash mode[DRU20220804000004-Russia]
V1.20.B032	Syslog traffic not being sent when interface vlan 1 is in a down state.[DUSA20220406000002-USA]
V1.20.B031	DXS-1210 and problem access with configure 'Acceptable Frame Type : Untagged-Only'[DRU20220201000001-Russia]
V1.20.B030	1.Mgmt / CPU crash again. Related case: DEUR20200810000002[DEUR20210531000002-North Europe] 2.IFMIB::ifStackstatus issue[DEUR20211018000001-North Europe]
V1.20.B029	ERR_SSL_VERSION_OR_CIPHER_MISMATCH - SCRM CASE nr. 2012717[DEUR20211109000004-South Europe]
V1.20.B028	1. DXS-1210-16TC and question about trusted host settings.[DRU20210531000001-Russia] 2. DXS-1210-12SC lost configuration[DRU20210628000002-Russia]
V1.20.B027	[Some problems of device DXS-1210-12TC] was updated by Vendor-Cameo TS(SCM)

V1.20.B026	1. 802.1x Re-Authentication Issue[IMA20210422000001-India]
V1.20.B025	1. STP - Vlan list empty[DEUR20210409000001-South Europe] 2. DXS-1210-12SC SNMP mib dont show VLAN on LAG ports[DEUR20210429000004-North Europe]
V1.20.B024	1. DXS-1210-12SC ssh windows width[DRU20210312000001-Russia] 2. LLDP sporadicaly stops working on some ports[DEUR20210108000001-North Europe]
V1.20.B022	MIB issue: :ENTITY-MIB::entPhysicalSerialNum and ENTITY-MIB::entPhysicalSoftwareRev.1[DEUR20210107000005-North Europe]
V1.20.B021	1. CPU utilization 100% and web can not access. 2. Use iperf send udp packets to switch when firmware upgrade,console will print error message.
V1.20.B020	When use iperf send udp packets to switch 1. When enable snmp, web/snmp/ping will no response. 2. When disable snmp, switch will crash.
V1.20.B019	HQ20200323000002 [Medium] DXC-1210-16TC High CPU utilization and management freeze[DRU20200322000001-Russia]
V1.20.B018	DHCP Snooping[DEUR20200819000005-Central Europe] was tracking
V1.20.B017	N/A
V1.20.B014	LLDP report -> mempool allocation failure[DEUR20200424000003-North Europe]
V1.20.B013	N/A
V1.20.B011	[privileged mode using admin admin[DEUR20200228000003-UKI]] was updated by Vendor-Cameo TS(SCM)
V1.20.B010	[D-Link Smart Support case] [HQ20200120000009 [Medium] DXS-1210-16TC can't save config[DGC20200117000005-Taiwan] [D-Link Smart Support case] [HQ20200211000007 [Urgent]CSR Save failed!!! ->config not compatible between old and new firmware.[DEUR20200210000004-North Euro [D-Link Smart Support case] [HQ20200211000005 [Urgent]ssh error when generating crypto key[DEUR20200210000005-North Europe]
V1.20.B009	Console output writes: NPERR CmCpuI2cCommonDrvGet(2204): Fail to write device register : 0xc[DEUR20200115000002-North Europe] DXS-1210 issue with clearing running configuration [DRU20200110000001-Russia]
V1.20.B007	SSH behaves strange, when using backspace the terminal window flicker just like it re-writes the whole line.
V1.20.B006	N/A
V1.20.B005	[HQ20190906000002] [Urgent]LLDP config issues
V1.20.B001	N/A

V1.15.B022	[DXS-1210-10TS issue with config file name[DRU20190802000003-Russia]] [DXS-1210-xx A2-Rev - issue with non-persistent config[DEUR20190821000002-Central Europe]]
V1.15.B021	Default SNMP community keeps reverting back after reboot[DI20190711000003-Australia] CAMEO Smart Switch Trap to CPU packets follow VLAN receive rule "Tag only" and "receive all". HQ20190517000002 DXS-1210 A2 issue with vlan[DRU20190621000002-Russia]
V1.15.B020	DXS-1210-xx A2-Rev [HQ20190603000002 [Urgent]]LLDP config issues.
V1.15.B019	DXS-1210-xx A2-Rev - issue with LACP and VLAN [DEUR20190516000007-Central Europe]
V1.15.B018	DXS-1210 A2 acl issues[DRU20190219000001-Russia]
V1.15.B017	1.HQ20181206000003 Traffic segmentation CLI config error 2.HQ20181212000016/HQ20181205000013 Vlan can not add to trunk port.
V1.15.B016	1.Removing IP from VLAN 1 prevents clients connected downstream of switch are unable to resolve ARP for their gateway[DUSA20181112000001-USA]] 2. [DXS-1210]: D-Link G2 802.1Q Native VLAN Spec Confirm
V1.15.B015	DXS-1210-16TC issue with DEM-CB100S[DRU20180725000006-Russia]
V1.15.B014	[HQ20180327000009] Issue in allowed vlan on trunk port after reboot switch[IMA20180326000001-India]
V1.15.B013	[HQ20180327000009] Issue in allowed vlan on trunk port after reboot switch[IMA20180326000001-India]
V1.15.B012	[HQ20180321000004]Customer reported vulnerability with Nessus software CR M (C7091467).[DUSA20180320000002-USA]
V1.15.B011	Support auto select backup imageid to upgrade fw by mib.
V1.15.B010	[HQ20171211000001] The hybrid allowed VLAN tagged port does not be saved reboot[DRU20171206000001-Russia]
V1.15.009	First Release

Known Issues:

Firmware Version	Issues	Workaround
V1.15.009 ~ V1.20.B040	1. VBG17070515 Mac address learning lose rate over 1% (9K:8895, 10K:9766, 11K:10631, 12K:11366, 13K:12193, 14K:12754, 15K:13367, 16K:14961) (Limitation)	None
	2. VBG17060127 The DUT exist Head of Line Blocking issue via Broadcast, Multicast and DFL via Jumbo Frame packets. Normal packets length 64~1518 bytes do not exist this issue.(Limitation)	

3. VBG17080088

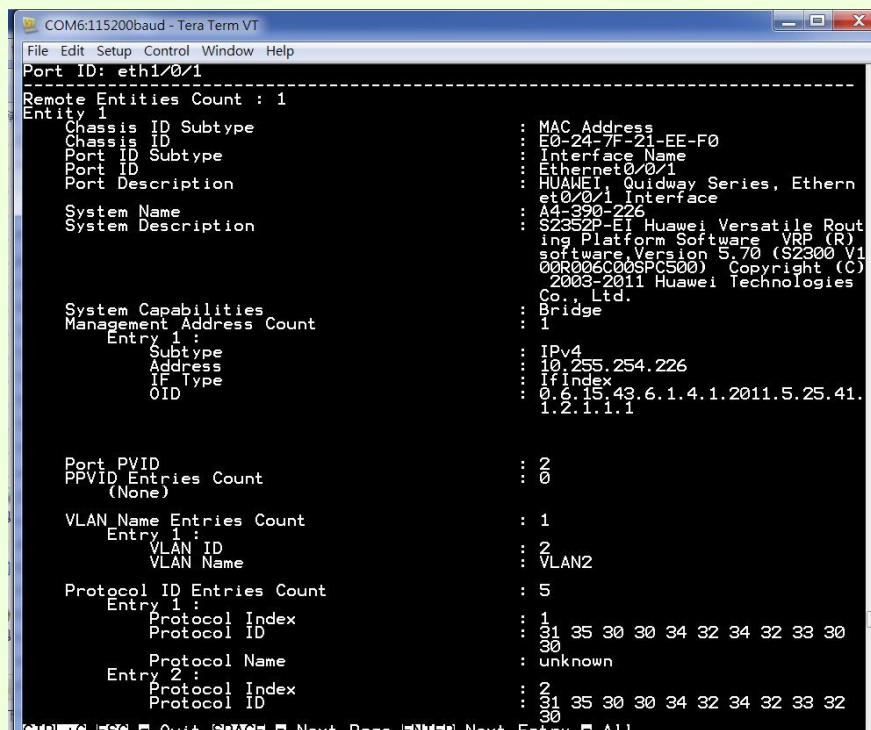
DXS-1210-16TC fit OUI does not learning MAC to ASV and voice vlan FDB. (Limitation)

4. BG17060133

To use mirror can't capture DUT ERPS(R-APS pkts). (Limitation)

5. VBG17060155

Show lldp neighbors interface Ethernet 1/0/1 detail information incomplete.



```

COM6:115200baud - Tera Term VT
File Edit Setup Control Window Help
Port ID: eth1/0/1
-----
Remote Entities Count : 1
Entity 1
Chassis ID Subtype      : MAC Address
Chassis ID              : E0-24-7F-21-EE-F0
Port ID Subtype         : Interface Name
Port ID                 : Ethernet0/0/1
Port Description        : HUAWEI Quidway Series, Ethern
                        : et0/0/1 interface
System Name             : A4-390-226
System Description      : S2352P-EI Huawei Versatile Rout
                        : ing Platform Software VRP (R)
                        : software Version 5.70 (S2300 V1
                        : 00R006C00SPC500) Copyright (C)
                        : 2003-2011 Huawei Technologies
                        : Co., Ltd.
System Capabilities
Management Address Count
Entry 1 :
Subtype      : IPv4
Address      : 10.255.254.226
IF Type      : IfIndex
OID          : 0.6.15.43.6.1.4.1.2011.5.25.41.
              1.2.1.1.1

Port PVID
PPVID Entries Count
(None)

VLAN Name Entries Count
Entry 1 :
VLAN ID   : 2
VLAN Name : VLAN2

Protocol ID Entries Count
Entry 1 :
Protocol Index
Protocol ID : 31 35 30 30 34 32 34 32 33 30
              30
Protocol Name
Entry 2 :
Protocol Index
Protocol ID : 31 35 30 30 34 32 34 32 33 32
              30

```



```

Switch# show lldp neighbors interface ethernet 1/0/2 detail
Port ID : eth1/0/2
-----
Remote Entities Count : 1
Entity 1
Chassis Id Subtype                : networkAddress
Chassis Id                        : 10.20.90.10
Port Id Subtype                  : macAddress
Port Id                          : 00-24-10-71-97-99
Port Description                  :
System Name                      :
System Description                :
System Capabilities               :
Management Address Count         : 0
                                   <NONE>

Port PVID                        : 0
PPVID Entries Count              : 0
                                   <NONE>

VLAN Name Entries Count          : 0
                                   <NONE>

Protocol Identity Entries Count  : 0
                                   <NONE>

MAC/PHY Configuration/Status    :
Auto-negotiation Support         : Supported
Auto-negotiation Enabled         : Enabled
Auto-negotiation Advertised Capability : 0001<hex>
Auto-negotiation Operational MAU Type : 0000<hex>

Power Via MDI                    : <NONE>
Link Aggregation                 : NONE
Maximum Frame Size               : 0
Unknown TLVS Count               : 0
                                   <NONE>

Switch#
Idle Timer expired, Timing Out !!!
  
```

6. VBG17050038

The DUT IPv6 ACL cannot deny source IP ::/64, but DGS-1510 does valid.

The top screenshot shows a SmartBits 600 interface with a packet capture table. The table has columns for Time, Source, and Destination. The bottom screenshot shows a similar interface but with a different command-line window. The command-line window shows the following configuration:

```

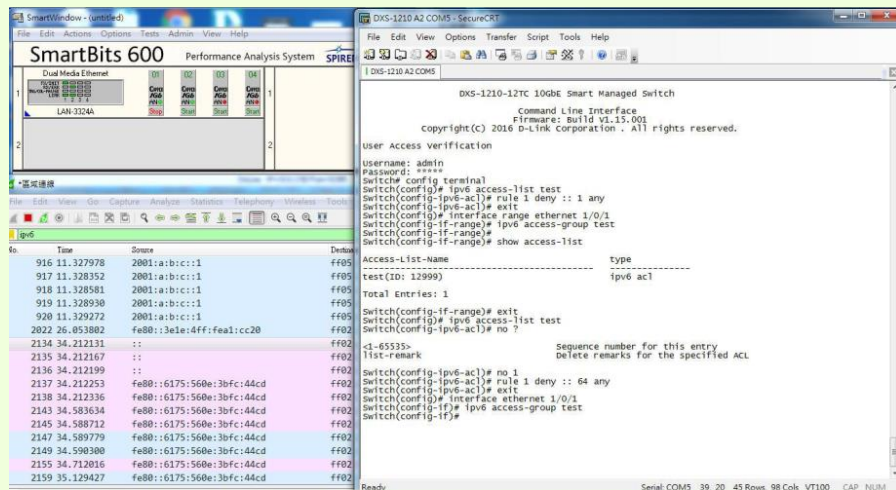
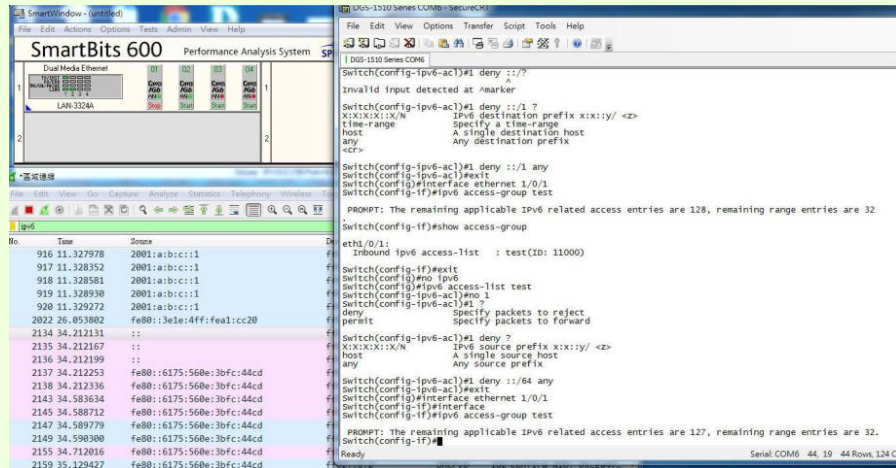
Switch(config-if)# ipv6 access-list 1 deny ::/64
Switch(config-if)# ipv6 access-list 1 permit ::/64
Switch(config-if)# show access-list
  
```

The bottom screenshot also shows a table with columns for Time, Source, and Destination. The table contains the following data:

Time	Source	Destination
916 11.327978	2001:a:b:c::1	ff05::
917 11.328352	2001:a:b:c::1	ff05::
918 11.328581	2001:a:b:c::1	ff05::
919 11.328930	2001:a:b:c::1	ff05::
920 11.329272	2001:a:b:c::1	ff05::
2022 26.853802	fe80::3e1e:4ff:fe1c:cc20	ff02::
2134 34.212131	::	ff02::
2135 34.212167	::	ff02::
2136 34.212199	::	ff02::
2137 34.212253	fe80::6175:560e:3bfc:44cd	ff02::
2138 34.212336	fe80::6175:560e:3bfc:44cd	ff02::
2143 34.583634	fe80::6175:560e:3bfc:44cd	ff02::
2145 34.588712	fe80::6175:560e:3bfc:44cd	ff02::
2147 34.589779	fe80::6175:560e:3bfc:44cd	ff02::
2149 34.590300	fe80::6175:560e:3bfc:44cd	ff02::
2155 34.712016	fe80::6175:560e:3bfc:44cd	ff02::
2159 35.129427	fe80::6175:560e:3bfc:44cd	ff02::

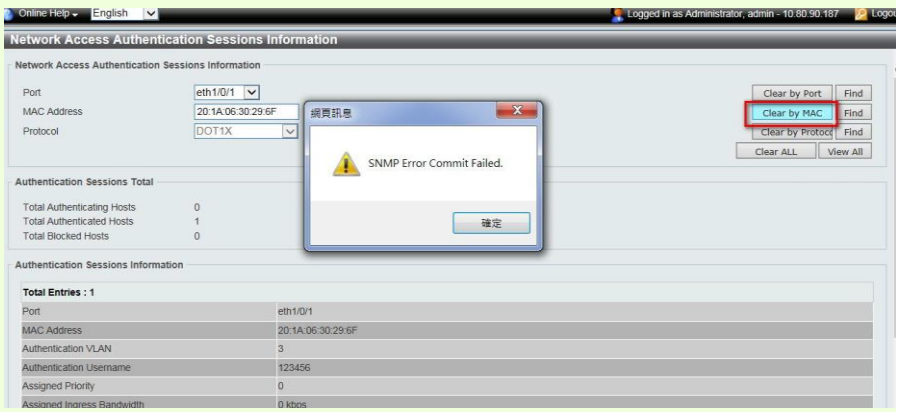
7.VBG17050038

DXS-1210 Rev.A2 FW 1.15.001 test result fails. Follow D-Link G2 Spec IPv6 perfix (mask) 1-128 does not support 0 (::) settings, we use perfix 64 to test source IPv6 :: deny rule. Test Result source IPv6 :: cannot be deny by ACL correctly.



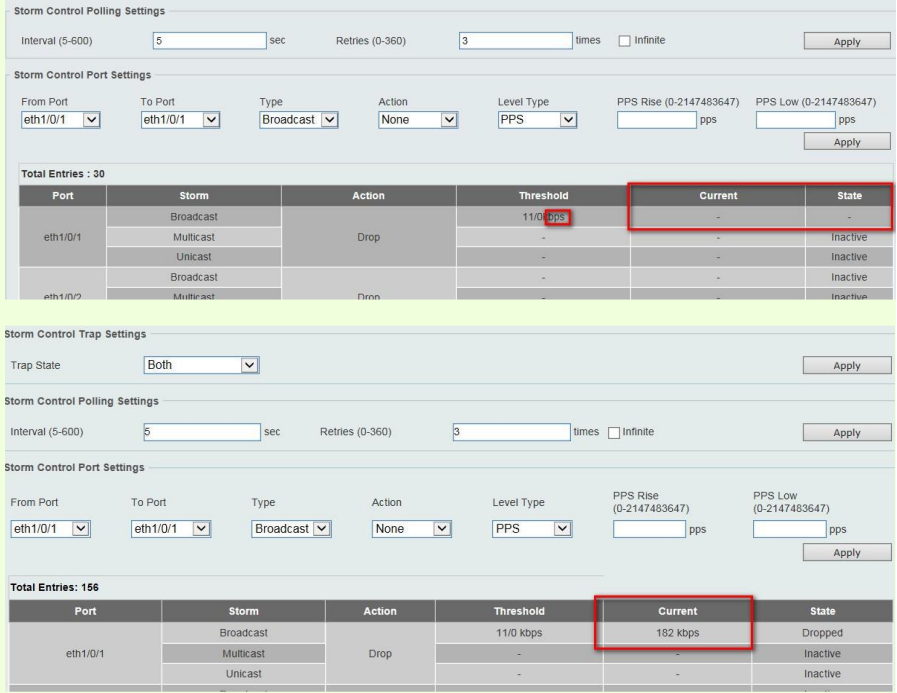
8. VBG17080089

Network Access Authentication Sessions Information--> clear by MAC will popup snmp error.



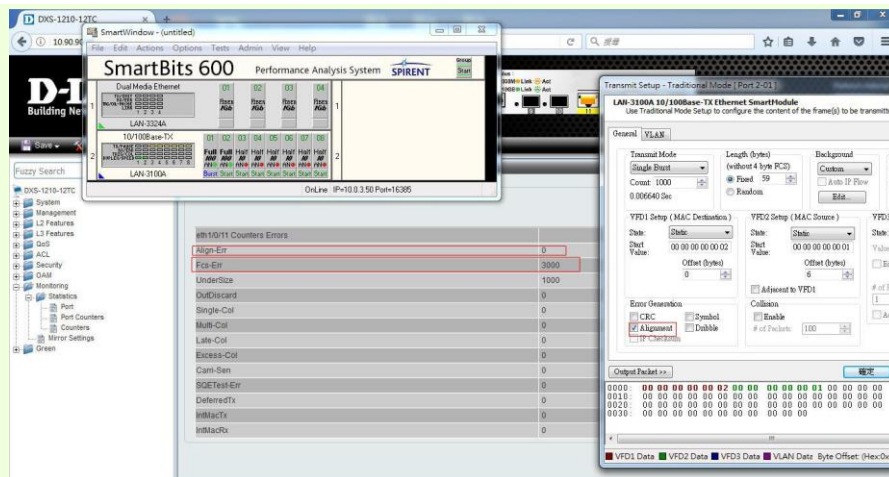
9. VBG17080090

Storm Control when Level Type for kbps cannot show current and state.(Limitation)



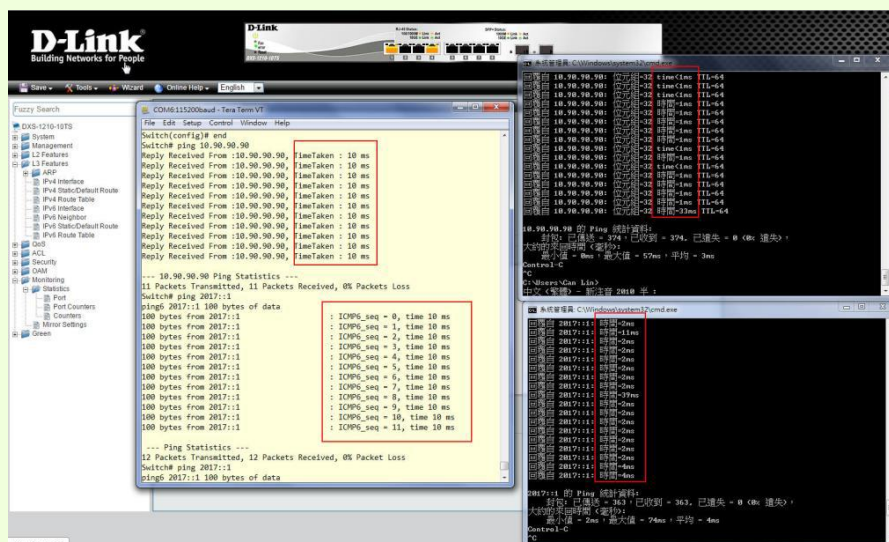
10 VBG17060160

The DUT statistics error packets type Alignment error will count to CRC error.



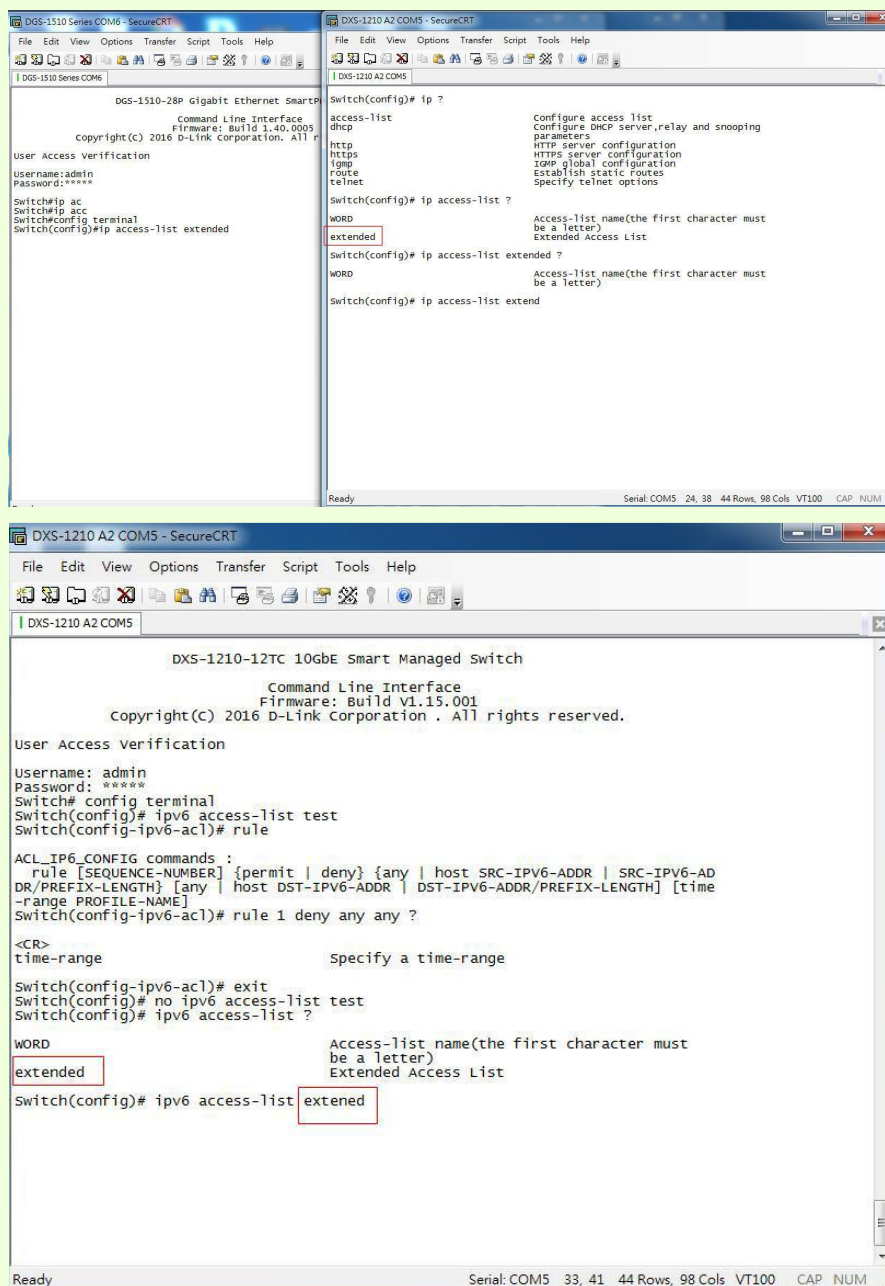
11. VBG17060158

The DUT IPv6 ping respond time does not same as IPv4 ping respond time. But use console to ping v4/v6 respond time does same.



12. VBG17060159

The DUT command "ip access-list extended" does not support <tab> help button that does not fit D-Link request.



```

DGS-1510 Series COM6 - SecureCRT
File Edit View Options Transfer Script Tools Help
DGS-1510 Series COM6
DGS-1510-28P Gigabit ethernet Smart
Command Line Interface
Firmware: Build 1.40.0005
copyright(c) 2016 D-Link Corporation. All
User Access Verification
Username: admin
Password: *****
Switch# ip ac
Switch# ip acc
Switch# config terminal
Switch(config)# ip access-list extended

DXS-1210 A2 COM5 - SecureCRT
File Edit View Options Transfer Script Tools Help
DXS-1210 A2 COM5
Switch(config)# ip ?
access-list          Configure access list
dhcp                Configure DHCP server, relay and snooping
parameters          HTTP server configuration
http                HTTP server configuration
https               HTTPS server configuration
igmp                IGMP global configuration
route               Establish static routes
telnet              Specify telnet options
Switch(config)# ip access-list ?
WORD                Access-list name (the first character must
                    be a letter)
                    Extended Access List
Switch(config)# ip access-list extended ?
WORD                Access-list name (the first character must
                    be a letter)
Switch(config)# ip access-list extend

DXS-1210 A2 COM5 - SecureCRT
File Edit View Options Transfer Script Tools Help
DXS-1210 A2 COM5
DXS-1210-12TC 10GbE Smart Managed Switch
Command Line Interface
Firmware: Build v1.15.001
copyright(c) 2016 D-Link Corporation. All rights reserved.
User Access Verification
Username: admin
Password: *****
Switch# config terminal
Switch(config)# ipv6 access-list test
Switch(config-ipv6-acl)# rule
ACL_IP6_CONFIG commands :
rule [SEQUENCE-NUMBER] {permit | deny} {any | host SRC-IPV6-ADDR | SRC-IPV6-AD
DR/PREFIX-LENGTH} [any | host DST-IPV6-ADDR | DST-IPV6-ADDR/PREFIX-LENGTH] [time
-range PROFILE-NAME]
Switch(config-ipv6-acl)# rule 1 deny any any ?
<CR>
time-range          Specify a time-range
Switch(config-ipv6-acl)# exit
Switch(config)# no ipv6 access-list test
Switch(config)# ipv6 access-list ?
WORD                Access-list name (the first character must
                    be a letter)
                    Extended Access List
Switch(config)# ipv6 access-list extended
  
```

Related Documentation:

- DXS-1210-16TC A2 User Manual
- DXS-1210-16TC Getting Started Guide