



**Firmware Version:** 2.02.009  
**Boot Code Version:** 1.01.002  
**MIB Version:** 2.02.009  
**Published:** Aug. 12, 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>.

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## Revision History and System Requirement:

| Firmware Version                                             | Date         | Model                                | Hardware Version |
|--------------------------------------------------------------|--------------|--------------------------------------|------------------|
| Runtime: V2.02.009<br>Boot: 1.01.002                         | 12-Aug-2024  | DXS-1210-10TS/10MP/12TC/12SC/16TC B1 | B1               |
| Runtime: V2.02.008<br>Boot: 1.01.002                         | 7-Jun-2024   | DXS-1210-10TS/10MP/12TC/12SC/16TC B1 | B1               |
| Runtime: V2.01.B012<br>Boot: 1.00.003                        | 15-Nov.-2023 | DXS-1210-10TS/12TC/12SC/16TC B1      | B1               |
| Runtime: V2.01.B011<br>Boot: 1.00.003                        | 28-Sep.-2023 | DXS-1210-10TS/12TC/12SC/16TC B1      | B1               |
| Runtime: V2.01.010<br>Boot: 1.00.003                         | 10-Jul.-2023 | DXS-1210-10TS/12TC/12SC/16TC B1      | B1               |
| Runtime: V2.01.009<br>Boot: 1.00.003                         | 26-Apr.-2023 | DXS-1210-10TS/12TC/12SC/16TC B1      | B1               |
| Runtime: V2.01.B008<br>Boot: 1.00.003                        | 16-Mar.-2023 | DXS-1210-10TS/12TC/12SC/16TC B1      | B1               |
| Runtime: V2.01.007<br>Boot: 1.00.003<br>(Not formal release) | 28-Nov.-2022 | DXS-1210-10TS/12TC/12SC/16TC B1      | B1               |
| Runtime: V2.00.008<br>Boot: 1.00.002                         | 23-May.-2022 | DXS-1210-10TS/12TC/12SC/16TC B1      | B1               |

## 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 Console or Telnet)

1. If you use Telnet, please make sure the network connection between the switch and PC is active. If you use Console, please use "Serial to USB" cable connect switch console port and PC USB interface.

2. Via Telnet: 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*.

Via Console: Use software that supports serial communication, for example, HyperTerminal, Putty or SecureCRT to connect switch console port with band rate **115200**.

3. The logon prompt will appear.

The switch will prompt the user to enter his/her username and password. Both the default user name and password are "**admin**".

The switch not support to upgrade current startup image id, will automatically upgrade to another 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.

```
Switch# copy tftp://10.90.90.99/DXS-1210-SERIES-B1-V2-00-008-FW.hex
TFTP Firmware Upgrade processing.....Do not power off!!
Firmware upgrade successfully!
Switch#
```

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. |
| <code>show firmware</code> | Display the information of the image or firmware.             |

### Example:

```
1. Switch# copy tftp://10.90.90.99/DXS-1210-SERIES-B1-V2-00-008-FW.hex
TFTP Firmware Upgrade processing.....Do not power off!!
Transferring firmware..... 10%
Firmware upgrade successfully!
```

Switch#

## 2. Switch# **show switch**

### Device Information

```
Device Type       : DXS-1210-12TC 10GbE Smart Managed Switch
System Name      : Switch
System Location   :
System Contact    :
Boot PROM Version : 1.00.002
Firmware Version  : V2.00.008
Hardware Version  : B1
MAC Address       : 00-27-29-53-68-32
IP Address        : 10.90.90.90
Mask              : 255.0.0.0
Gateway           : 0.0.0.0
System Time       : 01/01/2021 00:01:56
Serial Number     : QQDMS12345600
```

Switch#

## 3. Switch# **show firmware**

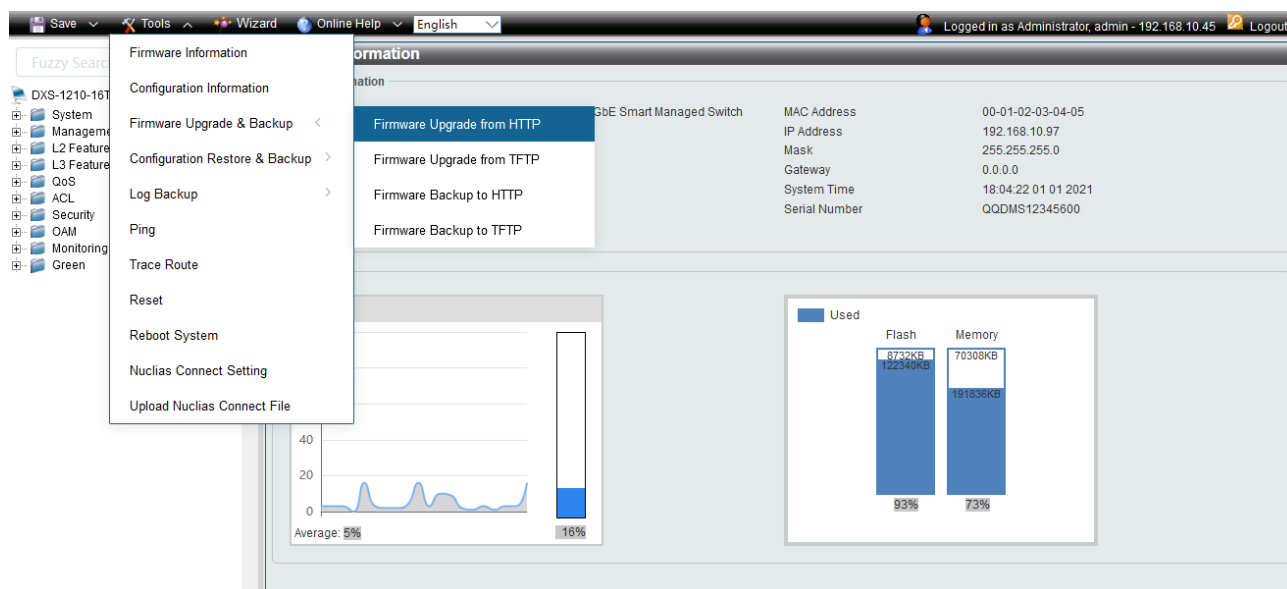
| Image ID | Version   | Size(B)  | Update Time         |
|----------|-----------|----------|---------------------|
| 1        | V2.00.008 | 32202112 | 01/01/2021 02:23:32 |
| *2c      | V2.00.008 | 27630976 | 01/01/2021 00:03:07 |

c : Current boot up firmware

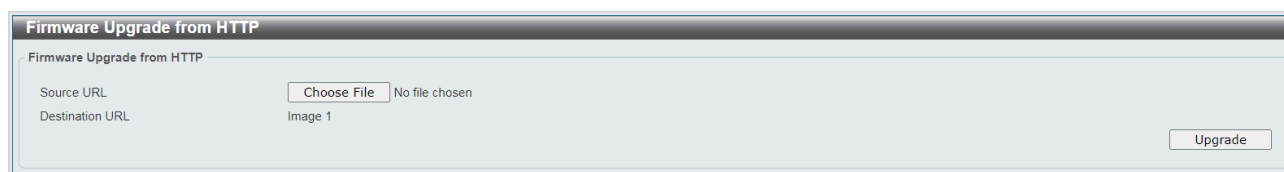
\* : Boot up firmware

## Upgrade using Web-UI

1. Connect a workstation 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 Backup & Upgrade** from the banner.



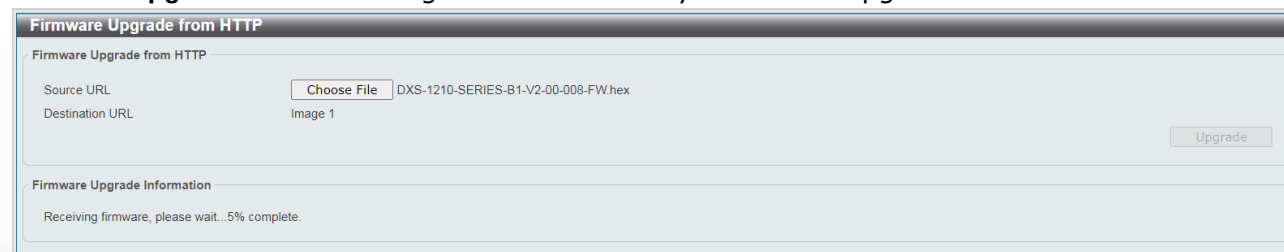
5. Two methods can be selected : **HTTP** or **TFTP**
6. Select **Firmware Update from HTTP** to upgrade the firmware to or from your local drive of PC.



- a. Click **“Choose File”** to browse your inventories for a saved firmware file



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



- c. It will be download the firmware file to DUT.
- d. When download success, do not power off, and will continue process upgrading (write firmware to flash).

**Firmware Upgrade from HTTP**

Firmware Upgrade from HTTP

Source URL: Choose File  
Destination URL: DXS-1210-SERIES-B1-V2-00-FW.hex  
Image 1

Upgrade

Firmware Upgrade Information

Processing upgrade, please wait...10% complete.

- e. Wait until the “Firmware Upgrade Successful” message pops up.

**Firmware Upgrade from HTTP**

Firmware Upgrade from HTTP

Source URL: Choose File  
Destination URL: No file chosen  
Image 1

Upgrade

Warning

Firmware upgraded success.

OK

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: . . .  
Source URL: 64 chars

☒ IPv4  
☐ IPv6

Upgrade

- 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. It will be download the firmware file to DUT.

**Firmware Upgrade from TFTP**

Firmware Upgrade from TFTP

TFTP Server IP: 10 . 90 . 90 . 145  
Source URL: DXS-1210-SERIES-B1-V2-0

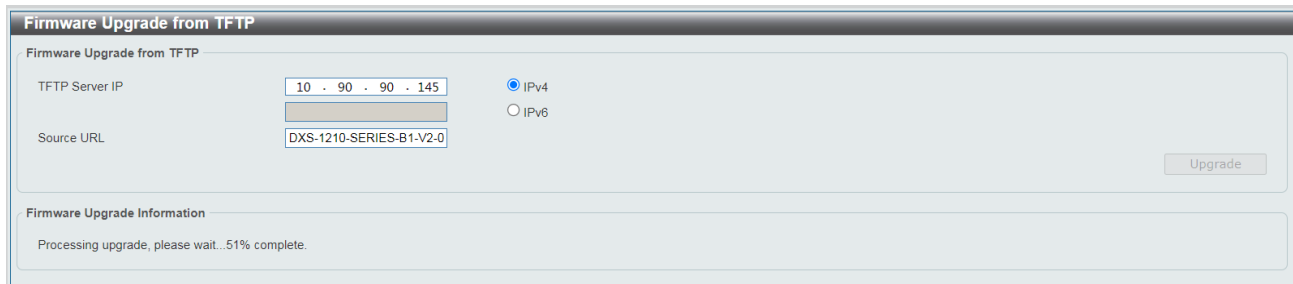
☒ IPv4  
☐ IPv6

Upgrade

Firmware Upgrade Information

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

- d. When download success, do not power off, and will continue process upgrading (write firmware to flash).



**Firmware Upgrade from TFTP**

Firmware Upgrade from TFTP

TFTP Server IP: 10 . 90 . 90 . 145 ☒ IPv4 ☐ IPv6

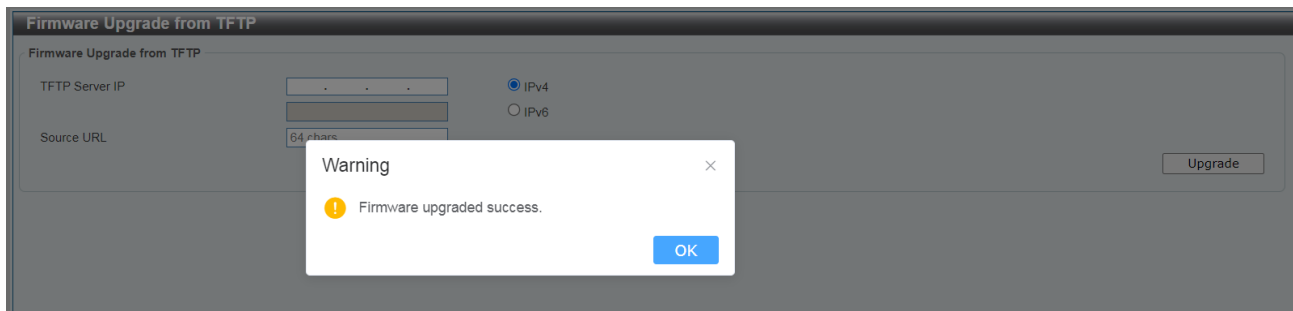
Source URL: DXS-1210-SERIES-B1-V2-0

Upgrade

**Firmware Upgrade Information**

Processing upgrade, please wait... 51% complete.

e. Wait until the firmware upgrade ends.



**Firmware Upgrade from TFTP**

Firmware Upgrade from TFTP

TFTP Server IP: . . . ☒ IPv4 ☐ IPv6

Source URL: 64 share

Upgrade

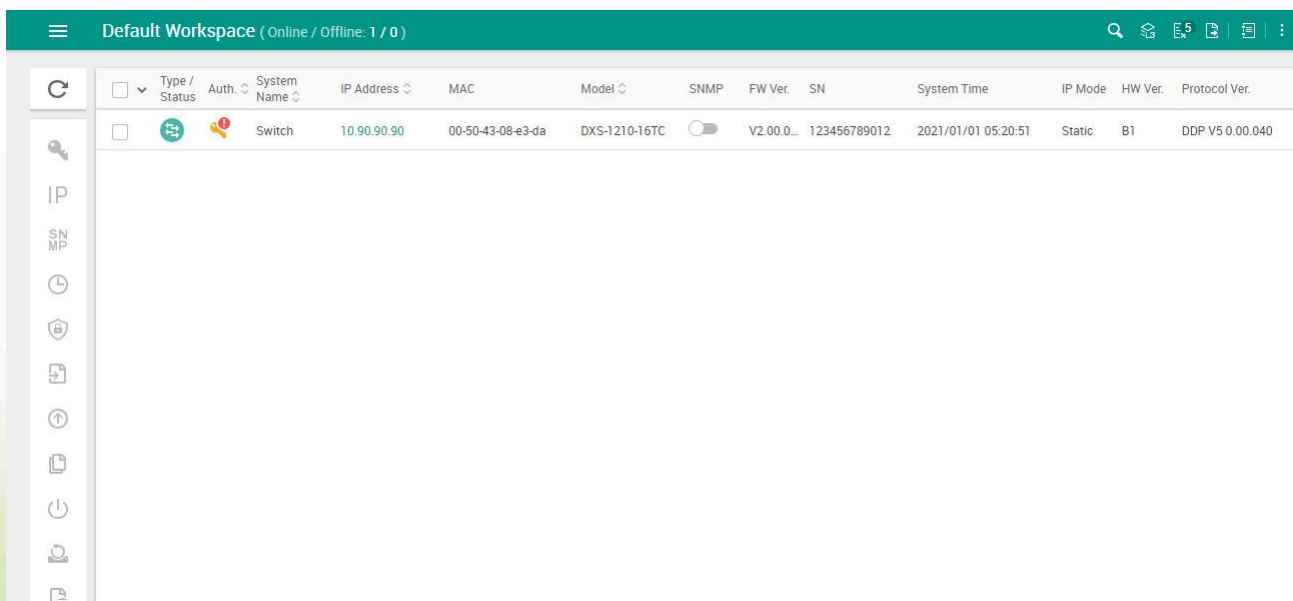
**Warning**

Firmware upgraded success.

OK

## Upgrade using D-Link Network Assistant App

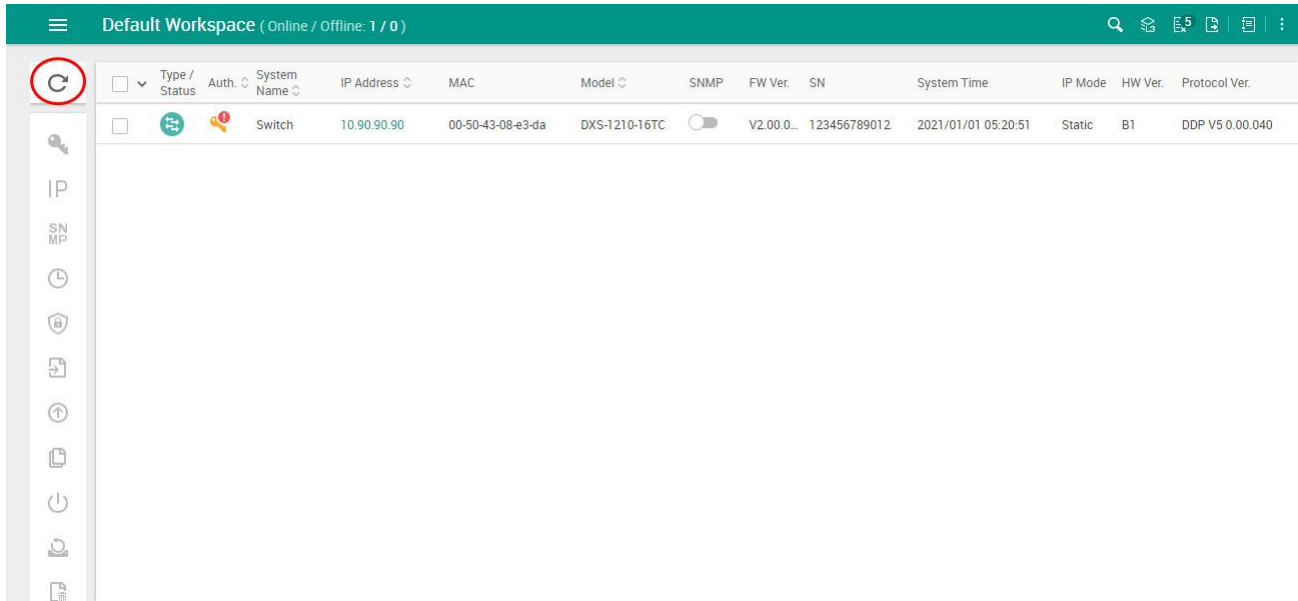
1. Connect a workstation installed with java SE runtime environment to any switch port of the device. Install DNA App in Web Store of Chrome Browser.
2. Execute D-Link Network Assistant App.



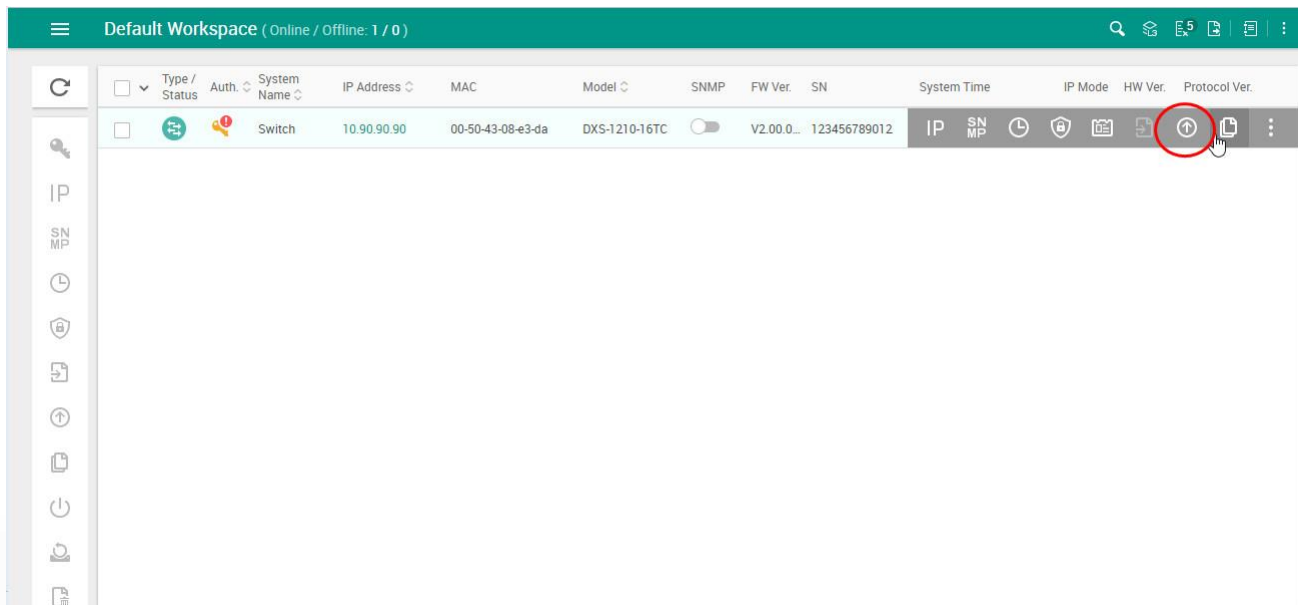
Default Workspace (Online / Offline: 1 / 0)

| Type / Status | Auth. | System Name | IP Address  | MAC               | Model         | SNMP | FW Ver.    | SN           | System Time         | IP Mode | HW Ver. | Protocol Ver.   |
|---------------|-------|-------------|-------------|-------------------|---------------|------|------------|--------------|---------------------|---------|---------|-----------------|
| Switch        |       |             | 10.90.90.90 | 00-50-43-08-e3-da | DXS-1210-16TC |      | V2.00.0... | 123456789012 | 2021/01/01 05:20:51 | Static  | B1      | DDP V5 0.00.040 |

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.

Default Workspace (Online / Offline: 1 / 0)

| Type / Status | Auth. | System Name | IP Address  | MAC               | Model         | SNMP | FW Ver.   | SN           |
|---------------|-------|-------------|-------------|-------------------|---------------|------|-----------|--------------|
| Switch        |       |             | 10.90.90.90 | 00-50-43-08-e3-da | DXS-1210-16TC |      | V2.00.008 | 123456789012 |

Upgrade firmware (10.90.90.90) X

Current firmware version

**V2.00.008**

Update firmware using a local file

Drag & drop  
firmware file here, or **Browse**

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

Default Workspace (Online / Offline: 1 / 0)

| Type / Status | Auth. | System Name | IP Address  | MAC               | Model         | SNMP | FW Ver.   | SN           |
|---------------|-------|-------------|-------------|-------------------|---------------|------|-----------|--------------|
| Switch        |       |             | 10.90.90.90 | 00-50-43-08-e3-da | DXS-1210-16TC |      | V2.00.008 | 123456789012 |

Upgrade firmware (10.90.90.90) X

Current firmware version

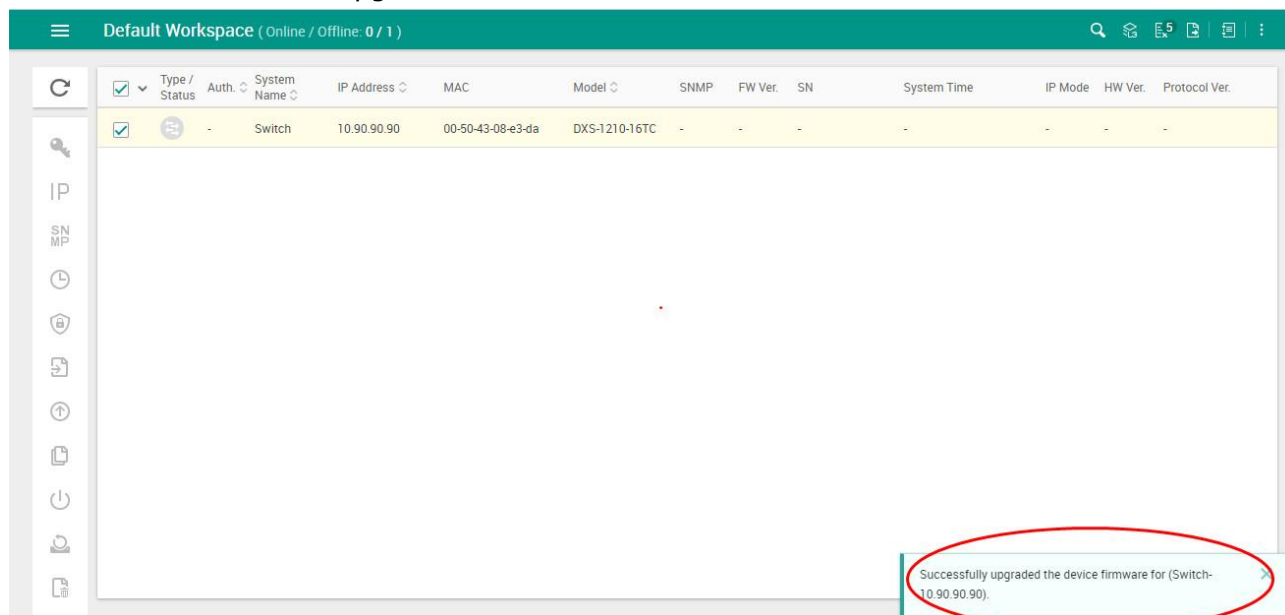
**V2.00.008**

Update firmware using a local file

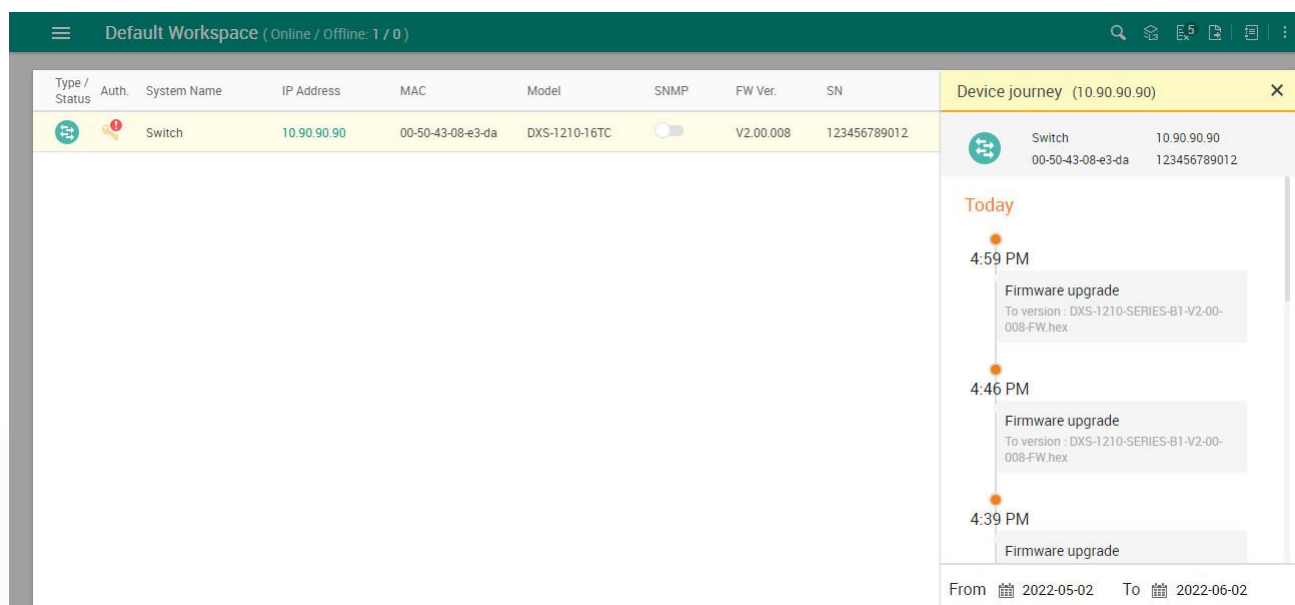
Firmware file: DXS-1210-SERIES-B1-V2-00-008-FW.hex

Cancel **Upgrade now**

8. Wait until firmware upgrade finished.



9. 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               |
|-----------------------------------|----------------------------|
| V2.02.009                         | NONE                       |
| V2.02.008                         | Support DXS-1210-10MP      |
| V2.01.B012                        | NONE                       |
| V2.01.B011                        | NONE                       |
| V2.01.010                         | NONE                       |
| V2.01.009                         | NONE                       |
| V2.01.B008                        | Support show GBIC          |
| V2.01.007<br>(Not formal release) | Support DNC<br>Support EEE |
| V2.00.008                         | 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                                                                 |
|-------------|-------------------------------|------------------------------------------------------------------------------|
| V2.02.009   | DXS-1210-SERIES-V2.02.009.mib | NONE                                                                         |
| V2.02.008   | DXS-1210-SERIES-V2.02.008.mib | 1. Support DXS-1210-10MP<br>2. Support smart fan quiet mode in DXS-1210-10MP |
| V2.01.010   | DXS-1210-SERIES-V2.01.010.mib | NONE                                                                         |

|                                   |                                |                            |
|-----------------------------------|--------------------------------|----------------------------|
| V2.01.009                         | DXS-1210-SERIES-V2.01.009.mib  | NONE                       |
| V2.01.B008                        | DXS-1210-SERIES-V2.01.B008.mib | Support show GBIC          |
| V2.01.007<br>(Not formal release) | DXS-1210-SERIES-V2.01.007.mib  | Support DNC<br>Support EEE |
| V2.00.008                         | DXS-1210-SERIES-V2.00.008.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                                       |
|-----------------------------------|-----------------------------------------------|
| V2.02.009                         | NONE                                          |
| V2.02.008                         | Support smart fan quiet mode in DXS-1210-10MP |
| V2.01.B012                        | NONE                                          |
| V2.01.B011                        | NONE                                          |
| V2.01.010                         | NONE                                          |
| V2.01.009<br>(Not formal release) | NONE                                          |
| V2.01.B008                        | Support show GBIC                             |
| V2.01.007<br>(Not formal release) | Support DNC<br>Support EEE                    |
| V2.00.008                         | First Release                                 |

## Problem Fixed:

| Firmware Version | Problems Fixed                                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| V2.02.009        | <ol style="list-style-type: none"> <li>DBG24070932: [VLAN][DXS-1210][2.02.008]Delete vlan 2-4094 the switch will hang and will recover after 10 minutes.</li> <li>DBG23070264: [Auto] [DXS-1210][2.00.008]FDB-Disable FDB learn by port range.</li> <li>HQ20240606000002: Session Timeout[DEUR20240606000001-Central Europe]</li> <li>DBG24070867: [DXS-1210 2.02.P008][SNMPv3]Crash issue occurs on</li> </ol> |

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|            | <p>SNMPv3 test</p> <p>5. DBG24070281 [DXS-1210-10MP/HW:B1/FW:2.02.008] Can't enable PoE traps on GUI.</p> <p>6. DBG23080191.DBG23080192[2.01.010][Auto][TSD1SW_Error_Recovery]0021-Verify the executability of Error recovery command on Interface configuration mode</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| V2.02.008  | <p>1. DBG23060410: [Port Security][DMS-1250 v1.00.008]After delete VLAN, switch can't learn the correct number of the port-security hosts</p> <p>2. DBG23060369: [DXS-1210]DXS-1210 cannot display error counter for CRC Error packet</p> <p>3. DBG23060315: [LED][DNH 1.2.1.6][DXS-1210 1.21.009]Combo port cannot linkup after clicking "Stop button of Locate Device</p> <p>4. DBG24030371: DXS-1210 can not show the correct linkup log when it has been rebooted</p> <p>5. DBG23080187: [DXS-1210][2.01.010][ACL-Ethernet MAC][Auto] show running config filter has issues when we us</p> <p>6. DBG23050345: [Auto][General][DXS-1210][2.01.007] Unable to filter show config with dash in the include exclude tex</p> <p>7. DBG23060305: DXS-1210 Rev.B1 spec SSH max sessions Should be support 4 entrys,but we only to connect 3 entrys</p> <p>8. DBG23070161: [DXS-1210/B1]Save config (copy running-config startup-config) and reboot Switch. Port Mirroring settings will be cleaned</p> <p>9. VBG21110188: We find system name/System location/System Contact does not follow SPEC of CLI</p> <p>10. DBG23060170: [DDM][DXS-1210 /HW:B1]The decimal places displayed by Web and CLI are inconsistent</p> <p>11. DBG23060253: [DDM][DXS-1210 /HW:B1]not show any further log after link-down</p> <p>12. DBG23080221: [DXS-1210][2.01.010][DHCP server screen][Auto] Typo on error message when setup invalid IPv4 Addr</p> <p>13. DBG23060341: [Multicast FDB] Unable to create static multicast entries successfully</p> <p>14. DBG23080167: [DXS-1210][2.01.010][Voice VLAN][Auto] unable to identify device when set voice vlan mode as manual</p> <p>15. DBG23070271:[DXS-1210][2.00.008]FDB-Change PVID of port which has been added into FDB entry</p> |
| V2.01.B016 | <p>1. HQ20240606000002: Session Timeout[DEUR20240606000001-Central Europe]</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| V2.01.B015 | <p>1. HQ20240322000002 DXS-1210-12SC Mirroring settings are missing.[DRU20240321000001-Russia]</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| V2.01.B014 | <p>1. HQ20240104000001 [DXS-1210/2.01] mknod: /dev/ubi0: File exists[DI20240104000001-Japan]</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| V2.01.B013 | <p>1. HQ20231122000007 DXS-1210/2.01] DXS-1210 doesn't clear channel configurations w/ 'no ch' properly.[DI20231122000001-Japan]</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| V2.01.B012 | <p>1.HQ20231012000007[DXS-1210/2.01]802.1Xw/MAC-Move.[DI20231012000004-Japan]</p> <p>2.HQ20231011000007 [DXS-1210/2.01] 'no sp' works as 'no speed' even though there still are two candidates in 'no sp'.[DI20231010000003-Japan]</p> <p>3.HQ20230815000004 [DXS-1210/2.01] doesn't show current kbps in Storm Control in both its WebUI and CLI. / relate to DI20221026000011[DI20230815000002-Japan]</p> <p>4.HQ20221031000007 [DXS-1210/2.00] No MAC addr in its MAC addr tbl under</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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|            | <p>802.1X Authenticator State: AUTHENTICATED in dot1x.[DI20221027000002-Japan]</p> <p>5.HQ20231011000010 [DXS-1210/2.01] doesn't show an err msg in loopback-detection w/ port channel.[DI20231010000002-Japan]</p> <p>6.HQ20230817000008 [DXS-1210/2.01] shows a wrong err msg in case of port-channel.[DI20230817000006-Japan]</p> <p>7.HQ20231016000006 [DXS-1210/2.01] ifHCIn/OutOctets for Port-channel.[DI20231016000003-Japan]</p> <p>8. HQ20231030000003 [DXS-1210-10TS/12TC/12SC] Request for modification of UI item name[DI20231030000002-Japan]</p> <p>9.HQ20231025000008 [DXS-1210/2.01] doesn't initialize vlan properly after 'clear run' w/ 802.1X Dynimac VLAN.[DI20231025000002-Japan]</p> <p>10.VBG22010054 ASV feature priority is not higher than Port-Security limit, that will cause fit ASV OUI SA MAC cannot be learned when over Poer-security learned MAC limit.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| V2.01.B011 | <p>1. HQ20221031000007 [DXS-1210/2.00] No MAC addr in its MAC addr tbl under 802.1X Authenticator State: AUTHENTICATED in dot1x.[DI20221027000002-Japan]</p> <p>2. HQ20230817000008 [DXS-1210/2.01] shows a wrong err msg in case of port-channel.[DI20230817000006-Japan] [Medium]</p> <p>3. HQ20230817000006 [DXS-1210/2.01] 'sh run include' doesn't show 'loopback-detection'.[DI20230817000003-Japan]</p> <p>4. HQ20230816000002 [DXS-1210/2.01] asymmetric-vlan cannot be enable w/ 'CmProcessVLANForLearningModeChange fail'.[DI20230815000005-Japan] [Medium]</p> <p>5. HQ20230815000004 [DXS-1210/2.01] doesn't show current kbps in Storm Control in both its WebUI and CLI. / relate to DI20221026000011[DI20230815000002-Japan]</p> <p>6. HQ20230818000001 [DXS-1210/2.01] ip dhcp snooping database tftp://[DI20230817000007-Japan] [Medium]</p> <p>7. HQ20230815000003 [DXS-1210/2.01] doesn't accept storm-control configuration of 'sh run'.[DI20230815000004-Japan] [Medium]</p> <p>8. HQ20230824000003 [DXS-1210/2.01] 'no speed' doesn't initialize 'speed auto '.[DI20230824000004-Japan]</p> <p>9. HQ20230824000002 [DXS-1210/2.01] ifHCInOctets/ifHCOctets[DI20230824000003-Japan]</p> <p>10. HQ20230905000014 [DXS-1210/2.01] 802.3 Extension TLV in LLDP. (MAC/PHY) / same as DI20220120000007[DI20230905000007-Japan]</p> <p>11. HQ20230905000016 [DXS-1210/2.01] doesn't show an err msg for 'no snmp-server community' when it's used.[DI20230905000005-Japan]</p> <p>12. HQ20230905000019 [DXS-1210/2.01] doesn't recognize MLDv2 SQ.[DI20230905000006-Japan]</p> <p>13. HQ20230831000003 [DXS-1210/2.01] it doesn't affect to change 'arp timeout' for an existing entry.[DI20230831000005-Japan]</p> <p>14. HQ20230904000007 [DXS-1210/2.01] shows 'SendLogMsgV4UdpServer(881)--ModuleName: SYSLOG: it shouldn't happen, please pay attention!'.[DI20230904000004-Japan]</p> <p>15. HQ20230904000006 [DXS-1210/2.01] doesn't accept 'no logging source-interface' under 'no int vlan 1'.[DI20230904000003-Japan]</p> <p>16. HQ20230905000013 [DXS-1210/2.01] doesn't send SNMP traps w/ 'snmp-server source-interface traps'.[DI20230905000004-Japan]</p> <p>17. HQ20230905000015 [DXS-1210/2.01] dns server[DI20230905000008]</p> <p>18. HQ20230918000001 [DXS-1210/2.01] rebooting the ip address is reset[DRU20230915000001-Russia]</p> |



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| V2.01.010                           | <ol style="list-style-type: none"> <li>1. DBG23060253 [DDM][DXS-1210 /HW:B1] 1.The "warning threshold exceeded" log precedes the "link down" log instead of the "alarm threshold exceeded" log preceding the "link down" log. Sometimes the "link down" log precedes "threshold exceeded" log.</li> <li>2. DBG23060195 [DDM][DXS-1210 /HW:B1] 1.Execute command "show errdisable recovery" after port shutdown, the CLI will display this message "lua_pcall failed:./cmscript/cust_In/logic/UtilCmn.lua:468: bad argument #4 to 'format' (string expected, got nil)" . 2.The list of interfaces that will be recovered is not shown in the CLI.</li> <li>3. DBG23060191 [DDM][DXS-1210 /HW:B1]The values displayed on the Web and CLI are inconsistent.</li> <li>4. DBG23060162 [DDM][DXS-1210 /HW:B1]Can't show correct mwatt when configuring transceiver-monitoring rx/tx power.</li> <li>5. DBG23060269 [DDM][DXS-1210 /HW:B1]An error message will appear when the "snmp-server" command is executed.</li> <li>6. DBG23060205 [DDM][DXS-1210 /HW:B1]An error message will appear when the "snmp-server source-interface traps vlan 1" command is executed.</li> <li>7. DBG23060321 [DNH 1.2.1.6][DXS-1210 1.21.009]Switch keep rebooting and print error log</li> <li>8. DBG23060203 [DDM][DXS-1210 /HW:B1]When transceivers were plugged in, "Threshold Exceeded Log" appeared.</li> <li>9. DBG23030462 [DXS-1210 /HW:B1 /FW:2.01.007]WebGUI will pop out error message "SNMP Error Incorrect Value" randomly.</li> </ol> |
| 2.01.009(N<br>ot formal<br>release) | <ol style="list-style-type: none"> <li>1.DBG23030343 [DNH-100_A1][1.2.1.5][DXS-1210_B1][2.01.007] Failed to apply Allowed Vlans "All" on Trunk port</li> <li>2. DBG23030456 [DNH-100_A1][1.2.1.5][DXS-1210_B1][2.01.007] Cannot disable IGMP snooping VLAN state</li> <li>3. DBG22070249[CLI] The help message should be displayed after type "?"</li> <li>4. HQ20230407000005 DXS-1210-12SC<br/>port-security[DRU20230403000003-Russia]</li> <li>5. DBG23050177 [Auto][MAC-ACL][DXS-1210][2.01.007] Unable to block untagged traffic when set ACL to deny vlan 1</li> <li>6. DBG23050189 [Auto][MAC-ACL][DXS-1210][2.01.007] MAC ACL Ethernet-type output has several issues</li> <li>7.DBG23050261 [Auto][MAC-ACL][DXS-1210][2.01.007] MAC ACL deleted in specific situation</li> <li>8.DBG23040454 [Telnet][DXS-1210-12TC/B1][FW:2.01.007] Telnet to DXS-1210-12TC enter "reboot" and close the telnet window, the switch will hang and can't show/config anything.</li> <li>9. DBG23030061[EEE][2.01.007]Prompt Message on Non-supported Port (Fiber port) 'The specified port dose not support SFP.'</li> <li>10. DBG23030462[DXS-1210 /HW:B1 /FW:2.01.007]WebGUI will pop out error message "SNMP Error Incorrect Value" randomly.</li> </ol>                                                                                                                                                                                                                                                                              |
| V2.01.B008                          | <ol style="list-style-type: none"> <li>1.HQ20221019000011 always shows 'Current Time Source' as 'System Clock' in CLI</li> <li>2.HQ20221026000006 Wrong unit in Storm Control in its WebUI</li> <li>3.HQ20221026000007 ssl cert from 12/27/2041 to 12/25/2051 / similar to DI20191031000007.</li> <li>4.HQ20221031000007 No MAC addr in its MAC addr tbl under 802.1X Authenticator State: AUTHENTICATED in dot1x</li> <li>5.HQ20230130000018 Broadcast in Sorm Control Settings does not shutdown</li> <li>6.HQ20230105000007 ghost hybrid vlan.</li> <li>7.HQ20221021000007 doesn't accept 'no vlan</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| V2.01.007<br>(Not formal            | <ol style="list-style-type: none"> <li>1.[DBG22070176][802.1x]DUT does not assign to valid VID dynamically after authentication.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

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| release)  | <p>2.[DBG22070173] [802.1x]Assigned priority is incorrect in DUT.</p> <p>3.[DBG22070011] [DXS-1210-12TC][H/W:B1][F/W:2.00.008]Changing the speed should show the correct information.</p> <p>4.[ DBG22060330][Combo port]Combo port link status not correct in cli.</p> <p>5.[ DBG22060292] [DXS-1210_B1][2.00.008][IP_ACL]The DXS-1210 rebooted while configuring the MAX. IP ACL rules.</p> <p>6.[DBG22070101/HQ20221031000005] [802.1X]DUT running config show duplicate command : "no dot1x forward-pdu".</p> <p>7.[DBG22070082]Incorrect cli display when Maximum Length of VLAN Name.</p> <p>8.[DBG22060250] [Web][DXS-1210/B1][V2.00.008]The VLAN "All button" doesn't work.</p> <p>9.[DBG22060182] [ErrorMessage][2.00.008]Error message 'sigStopHandler: forbid appDemo to exit when input ctrl+c!' after input 'CTRL+C'.</p> <p>10.[DBG22070070/HQ20221020000003][DXS-1210-12TC][H/W:B1][F/W:2.00.008] Combo copper port 11 and 12 LEDs should not blinking after reboot when IXIA is not generating traffic.</p> <p>11. [HQ202210210000006][DXS-1210/2.00] session-timeout X in line console.[DI202210190000004-Japan]</p> <p>12. [HQ202210190000011] [DXS-1210/2.00] always shows 'Current Time Source' as 'System Clock' in CLI.[DI202210190000007-Japan]</p> |
| V2.00.008 | First Release                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |



## Known Issues:

| Firmware Version        | Issues                                                                                                                                                                                                                                                                                | Workaround                                                                                                                                             |
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| V2.01.007<br>~V2.02.009 | 1. DBG24080444<br>[SSH-Configure Status and Global Parameter]<br>DXS-1210 may crash when generating RSA key after replacing DSA key without any other commands between reboot and key generation.                                                                                     | Fix in next version                                                                                                                                    |
|                         | 2. VBG21100049<br>ERPS and LBD should cannot enable by port not global settings, DXS-1210 B1 need to change per-port state check from Global statt                                                                                                                                    | Won't fix.<br>Design limitation.                                                                                                                       |
|                         | 3. VBG21110053<br>There are the compatibility issue with smartbit Gigabit Card :<br>• When use smartbit Gigabit Card will occur CRC error.<br>• When use smartbit 10/100Base Ethernet Card will not occur CRC error.<br>p.s. In half duplex mode will drop packets is normal behavior | Won't fix.<br>The smartbit's Gigabit and 10/100Base cards are used in laboratory environments. RD will check if the smartbit card needs to be upgraded |
|                         | 4. VBG21110066<br>The DUT does not support RMON2.MIB Default Route settings.                                                                                                                                                                                                          | The RMONv2 is not supported in FCS.                                                                                                                    |
|                         | 5. VBG21110121<br>The DUT Cable Diagnostics test result always display N/A without combo port via 1m cable length.                                                                                                                                                                    | Won't fix.<br>Cable diagnostics are available for long cables.                                                                                         |
|                         | 6. VBG21110132<br>The DUT Cable Diagnostics clear all cannot clear combo port check result.                                                                                                                                                                                           | Won't fix.<br>The previous check result will be clear when                                                                                             |
|                         | 7. VBG21110133<br>The DUT Cable Diagnostics test result display all pairs OK not open or short with no power link partner.                                                                                                                                                            | Won't fix.<br>Cable diagnostics are available for long cables                                                                                          |
|                         | 8. VBG21120011<br>DUT1 port1-4 TX/sec should be equal with Load balance 'mac_source_destination'.<br>9. VBG21120011<br>DUT1 port1-4 TX/sec should be equal with Load balance 'ip_source_destination'                                                                                  | Won't fix.<br>HW limitation.                                                                                                                           |
|                         | 10. VBG21120013<br>Follow D-link Criteria,enable EEE function ports state should NOT be link-down.                                                                                                                                                                                    | This release doesn't support EEE.<br>Due to chipset limitation, EEE is removed on 1st                                                                  |

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|                 |                                                                                                                                     | firmware release. If available, it will be added back in the future.                                                                                       |
| 11. VBG21120015 | Follow D-link Criteria,the EEE function only support in auto-negotiation mode enable                                                | This release doesn't support EEE.<br>Due to chipset limitation, EEE is removed on 1st firmware release. If available, it will be added back in the future. |
| 12. VBG21120032 | When you set broadcast, multicast and unicast with different threshold value,<br>DUT will use the last value to replace others.<br> | Won't fix.<br>HW limitation.                                                                                                                               |
| 13. VBG21120041 | Port LED will randomly light up when we plug the power.(Hardware Limitation)                                                        | Won't fix.<br>This situation only appeared when the device at power on state.                                                                              |
| 14. VBG21120042 | DUT can not drop TCP Tiny Fragment Attack packets.                                                                                  | Won't fix.<br>HW limitation.                                                                                                                               |
| 15. VBG21120051 | When transmit 32767 Random MAC address learning result just display 26209 (maximum FDB entries should be 32767)                     | Known issue.<br>If the transmit rate is 100% this issue will have appeared                                                                                 |
| 16. VBG21120053 | When transmit 32767 increment MAC address learning result just display 25715 (maximum FDB entries should be 32767)                  | Known issue.<br>If the transmit rate is 100% this issue will have appeared.                                                                                |
| 17. VBG21120059 | Port security delete on timeout, sometimes DUT clear the mac before the aging time.                                                 | Won't fix.<br>Design rule limitation(polling interval 30 sec, will affect aging timeout result.)                                                           |
| 18. VBG22010012 | DXS-1210 B1 does not support cross VLAN routing via jumbo frame.                                                                    | Won't fix.<br>HW limitation.                                                                                                                               |
| 19. VBG22010019 | DXS-1210 B1 GVRP control packets priority is higher than ACL deny.                                                                  | Won't fix.<br>Hardware Limitation                                                                                                                          |
| 20. VBG22010021 | By criteria, Port security and IMPB functions should not use at the same time.                                                      | Won't fix.<br>IMPB doesn't support strict mode in FCS.                                                                                                     |
| 21. VBG22010024 | DXS-1210 B1 STP control packets priority is higher than ACL deny.                                                                   | Won't fix.<br>Hardware Limitation                                                                                                                          |
| 22. VBG22010047 | Because DXS-1210 B1 Marvell solution rate is not same 1:1 in the same Queue.                                                        |                                                                                                                                                            |

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| 23. VBG22010055<br>Multicast data streams with same MAC and different IP should be differentiated for L3 switch                                                       | Won't fix.<br>It doesn't support IP base in FCS.                                               |
| 24. VBG22010057<br>Multicast data streams with same MAC and different IP should be differentiated for L3 switch.                                                      | Won't fix.<br>It doesn't support IP base in FCS.                                               |
| 25. VBG22010063<br>DXS-1210 B1 Series Voice VLAN dynamic member forward Voice VLAN ID packets need 2nd packets, the first one packets cannot change to Voice VLAN ID. | Won't fix.<br>Design limitation.                                                               |
| 26. VBG22010073<br>DXS-1210 B1 Series traceroute result will be affected when lots of ARP packets trap to CPU.                                                        | Known issue.<br>If the transmit rate is 100% this issue will have appeared.                    |
| 27. VBG22010083<br>Sometimes DUT disconnect and reconnect, the LACP cannot forward the packets via routing.                                                           | Known issue.<br>The issue only occurs when trying to add a new port in the current LACP group. |
| 28. VBG22110041<br>[1.2.1.4t]We found that the dns server on DNC is empty after disable nms then enable nms                                                           |                                                                                                |
| 29. DBG23060265<br>[WEB] After several times of use command -> clear running-config -> use command, the web sometimes will display abnormal.                          |                                                                                                |
| 30. DBG23060347<br>username cannot be set to "root" and an error message "Username is illegal" will be displayed.                                                     |                                                                                                |
| 31. DBG23060325<br>[DDM][DXS-1210 /HW:B1]After repeating configure and clear running-config , the port will link down and link up.                                    |                                                                                                |
| 32. DBG23060295<br>The current configuration size of the DUT is inconsistent with the configuration size uploaded to the TFTP server.                                 |                                                                                                |
| 33. DBG23030448<br>[DNH1.2.1.6]We can enable STP global mode and LBD global mode at the same time from DNH.                                                           | SW Limitation                                                                                  |

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| 34. DBG23060270<br>[DXS-1210 /HW:B1 /FW:2.01.009] DUT flushes the error log(Error: Failed to to perform SMBUS IOCTL WRITE transaction: No such device or address) suddenly. | HW Limitation                                                                                                    |
| 35. VBG24050006<br>[PoE] Compatibility Test (IOT Test)<br>AIR-AP1242AG-A-K9 , PoE works normally, Ethernet does not work.                                                   | Known issue.<br>Marvell PHY compatibility issues.<br>Change dut port speed to 100M that it will fixed the issue. |
| 36. DBG22070154<br>[CLI]The console printed some error log whing plug-unplug the 10G transceiver "DEM-431XT_C1, DEM-432XT_E1".                                              | HW Limitation                                                                                                    |
| 37. DBG22070030<br>[DXS-1210_B1][2.00.008][IP_ACL]Different profiles share one "permit" rule ?                                                                              | Spec issue                                                                                                       |
| 38. VBG22020038<br>DKP1704042-010 DoS Prevention - TCP Tiny Fragment Test                                                                                                   | HW Limitation                                                                                                    |
| 39. DBG22060280<br>[DXS-1210_B1][2.00.008]The MAX. length of ACL name is 32, but the error message just showed "Invalid Command".                                           | SW Limitation                                                                                                    |
| 40. VBG22050095<br>[Flow control] Flow control oper detect issue                                                                                                            | Chip Limitation<br>It doesn't support link partner FC status register                                            |
| 41. DBG23080172<br>[Auto][TSD1SW_Jumbo_Frame]Jumbo Frame-802.1Q tagged frame                                                                                                | HW Limitation                                                                                                    |
| 42. DBG24070293<br>LLDP class 6 negotiation failed, the class negotiation result failed.                                                                                    | Known issue                                                                                                      |
| 43. DBG24070189<br>[Port Security][DXS-1210 /HW:B1 /FW:2.02.008]After delete VLAN, the current number of the interface cannot display correctly.                            | Known issue                                                                                                      |

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|           | 44. DBG24070879<br>[Port Security][DXS-1210][2.02.008]When the address is full on the system, DUT doesn't record the log                            | Known issue                                                                                                                                            |
|           | 45. DBG24070884<br>[Port Security][DXS-1210][2.02.008]Aging Type_Inactivity cannot work well.                                                       | Known issue                                                                                                                                            |
|           | 46. DBG24070874<br>[DXS-1210][2.02.008]The delete static address function cannot work well.                                                         | Known issue                                                                                                                                            |
|           | 47. DBG24070822<br>[GVRP][DXS-1210][2.02.008]When the add or remove parameter is not specified, the specified VLAN list won't overwrite the adverti | Known issue                                                                                                                                            |
|           | 48. DBG24070371<br>[IGMPSNOOP-STP Topology Changes][DXS-1210 ver2.02.008]client will not receive igmp query packets                                 | Known issue                                                                                                                                            |
|           | 49. [Basic Check_Fans Status]<br>[DXS-1210-12TC ver2.02.008]DXS-1210-12TC has error message after apping "show environment fan"                     | Known issue                                                                                                                                            |
|           | 50. DBG24070374<br>[FDB][DXS-1210][2.02.008]The vlan feild cannot display correctly on CLI.                                                         | Known issue                                                                                                                                            |
|           | 51. DBG24070300<br>[DXS-1210][2.02.008]The error counter cannot be displayed when the input command is incomplete.                                  | Known issue                                                                                                                                            |
| V2.00.008 | 1.VBG21100049<br>ERPS and LBD should cannot enable by port not global settings, DXS-1210 B1 need to change per-port state check from Global statt   | Won't fix.<br>Design limitation.                                                                                                                       |
|           | 2. VBG21110053<br>There are the compatibility issue with smartbit Gigabit Card :<br>• When use smartbit Gigabit Card will occur CRC error.          | Won't fix.<br>The smartbit's Gigabit and 10/100Base cards are used in laboratory environments. RD will check if the smartbit card needs to be upgraded |

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| <ul style="list-style-type: none"> <li>When use smartbit 10/100Base Ethernet Card will not occur CRC error.<br/>p.s. In half duplex mode will drop packets is normal behavior</li> </ul>                     |                                                                                                                                                            |
| <p>3. VBG21110066<br/>The DUT does not support RMON2.MIB Default Route settings.</p>                                                                                                                         | The RMONv2 is not supported in FCS.                                                                                                                        |
| <p>4.VBG21110121<br/>The DUT Cable Diagnostics test result always display N/A without combo port via 1m cable length.</p>                                                                                    | Won't fix.<br>Cable diagnostics are available for long cables.                                                                                             |
| <p>5.VBG21110132<br/>The DUT Cable Diagnostics clear all cannot clear combo port check result.</p>                                                                                                           | Won't fix.<br>The previous check result will be clear when                                                                                                 |
| <p>6.VBG21110133<br/>The DUT Cable Diagnostics test result display all pairs OK not open or short with no power link partner.</p>                                                                            | Won't fix.<br>Cable diagnostics are available for long cables                                                                                              |
| <p>7.VBG21120011<br/>DUT1 port1-4 TX/sec should be equal with Load balance 'mac_source_destination'.<br/>8.VBG21120011<br/>DUT1 port1-4 TX/sec should be equal with Load balance 'ip_source_destination'</p> | Won't fix.<br>HW limitation.                                                                                                                               |
| <p>9.VBG21120013<br/>Follow D-link Criteria,enable EEE function ports state should NOT be link-down.</p>                                                                                                     | This release doesn't support EEE.<br>Due to chipset limitation, EEE is removed on 1st firmware release. If available, it will be added back in the future. |
| <p>10.VBG21120015<br/>Follow D-link Criteria,the EEE function only support in auto-negotiation mode enable</p>                                                                                               | This release doesn't support EEE.<br>Due to chipset limitation, EEE is removed on 1st firmware release. If available, it will be added back in the future. |
| <p>11.VBG21120032<br/>When you set broadcast, multicast and unicast with different threshold value,&lt;br&gt;DUT will use the last value to replace others.&lt;br&gt;</p>                                    | Won't fix.<br>HW limitation.                                                                                                                               |
| <p>12.VBG21120041<br/>Port LED will randomly light up when we plug the power.(Hardware Limitation)</p>                                                                                                       | Won't fix.<br>This situation only appeared when the device at power on state.                                                                              |
| <p>13.VBG21120042<br/>DUT can not drop TCP Tiny Fragment Attack packets.</p>                                                                                                                                 | Won't fix.<br>HW limitation.                                                                                                                               |



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| 14.VBG21120051<br>When transmit 32767 Random MAC address learning result just display 26209 (maximum FDB entries should be 32767)                                    | Known issue.<br>If the transmit rate is 100% this issue will have appeared                       |
| 15.VBG21120053<br>When transmit 32767 increment MAC address learning result just display 25715 (maximum FDB entries should be 32767)                                 | Known issue.<br>If the transmit rate is 100% this issue will have appeared.                      |
| 16.VBG21120059<br>Port security delete on timeout, sometimes DUT clear the mac before the aging time.                                                                | Won't fix.<br>Design rule limitation(polling interval 30 sec, will affect aging timeout result.) |
| 17.VBG22010012<br>DXS-1210 B1 does not support cross VLAN routing via jumbo frame.                                                                                   | Won't fix.<br>HW limitation.                                                                     |
| 18.VBG22010019<br>DXS-1210 B1 GVRP control packets priority is higher than ACL deny.                                                                                 | Won't fix.<br>Hardware Limitation                                                                |
| 19.VBG22010021<br>By criteria, Port security and IMPB functions should not use at the same time.                                                                     | Won't fix.<br>IMPB doesn't support strict mode in FCS.                                           |
| 20.VBG22010024<br>DXS-1210 B1 STP control packets priority is higher than ACL deny.                                                                                  | Won't fix.<br>Hardware Limitation                                                                |
| 21.VBG22010047<br>Because DXS-1210 B1 Marvell solution rate is not same 1:1 in the same Queue.                                                                       |                                                                                                  |
| 22.VBG22010055<br>Multicast data streams with same MAC and different IP should be differentiated for L3 switch                                                       | Won't fix.<br>It doesn't support IP base in FCS.                                                 |
| 23.VBG22010057<br>Multicast data streams with same MAC and different IP should be differentiated for L3 switch.                                                      | Won't fix.<br>It doesn't support IP base in FCS.                                                 |
| 24.VBG22010063<br>DXS-1210 B1 Series Voice VLAN dynamic member forward Voice VLAN ID packets need 2nd packets, the first one packets cannot change to Voice VLAN ID. | Won't fix.<br>Design limitation.                                                                 |
| 25.VBG22010073<br>DXS-1210 B1 Series traceroute result will be affect when lots ARP packets trap to CPU.                                                             | Known issue.<br>If the transmit rate is 100% this issue will have appeared.                      |
| 26.VBG22010083<br>Sometimes DUT disconnect and reconnect, the LACP cannot forward the packets via routing.                                                           | Known issue.<br>The issue only occurs when trying to add a new port in the current LACP group.   |



## Related Documentation:

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- DXS-1210 Series B1 User Manual
- DXS-1210 Series Getting Started Guide