



Firmware Version: 2.03.008
Boot Code Version: 1.01.002
MIB Version: 2.03.006
Published: May.13, 2025.

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: V2.03.008 Boot: 1.01.002	13-May-2025	DXS-1210-10TS/1 0MP/12TC/12SC/1 6TC B1	B1
Runtime: V2.03.007 Boot: 1.01.002	28-Apr-2025	DXS-1210-10TS/1 0MP/12TC/12SC/1 6TC B1	B1
Runtime: V2.03.006 Boot: 1.01.002	14-Apr-2025	DXS-1210-10TS/1 0MP/12TC/12SC/1 6TC B1	B1
Runtime: V2.03.005 Boot: 1.01.002	20-Mar-2025	DXS-1210-10TS/1 0MP/12TC/12SC/1 6TC B1	B1
Runtime: V2.03.004 Boot: 1.01.002	24-Jan-2025	DXS-1210-10TS/1 0MP/12TC/12SC/1 6TC B1	B1
Runtime: V2.03.003 Boot: 1.01.002	16-Jan-2025	DXS-1210-10TS/1 0MP/12TC/12SC/1 6TC B1	B1
Runtime: V2.03.002 Boot: 1.01.002	3-Jan-2025	DXS-1210-10TS/1 0MP/12TC/12SC/1 6TC B1	B1
Runtime: V2.03.001 Boot: 1.01.002	26-Nov-2024	DXS-1210-10TS/1 0MP/12TC/12SC/1 6TC B1	B1
Runtime: V2.02.B011 Boot: 1.01.002	22-Nov-2024	DXS-1210-10TS/1 0MP/12TC/12SC/1 6TC B1	B1
Runtime: V2.02.B010 Boot: 1.01.002	22-Oct-2024	DXS-1210-10TS/1 0MP/12TC/12SC/1 6TC B1	B1
Runtime: V2.02.009 Boot: 1.01.002	12-Aug-2024	DXS-1210-10TS/1 0MP/12TC/12SC/1 6TC B1	B1
Runtime: V2.02.008 Boot: 1.01.002	7-Jun-2024	DXS-1210-10TS/1 0MP/12TC/12SC/1 6TC B1	B1
Runtime: V2.01.B012 Boot: 1.00.003	15-Nov.-2023	DXS-1210-10TS/1 2TC/12SC/16TC B1	B1
Runtime: V2.01.B011 Boot: 1.00.003	28-Sep.-2023	DXS-1210-10TS/1 2TC/12SC/16TC B1	B1
Runtime: V2.01.010 Boot: 1.00.003	10-Jul.-2023	DXS-1210-10TS/1 2TC/12SC/16TC B1	B1
Runtime: V2.01.009 Boot: 1.00.003	26-Apr.-2023	DXS-1210-10TS/1 2TC/12SC/16TC B1	B1

Runtime: V2.01.B008 Boot: 1.00.003	16-Mar.-2023	DXS-1210-10TS/1 2TC/12SC/16TC B1	B1
Runtime: V2.01.007 Boot: 1.00.003 (Not formal release)	28-Nov.-2022	DXS-1210-10TS/1 2TC/12SC/16TC B1	B1
Runtime: V2.00.008 Boot: 1.00.002	23-May.-2022	DXS-1210-10TS/1 2TC/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**

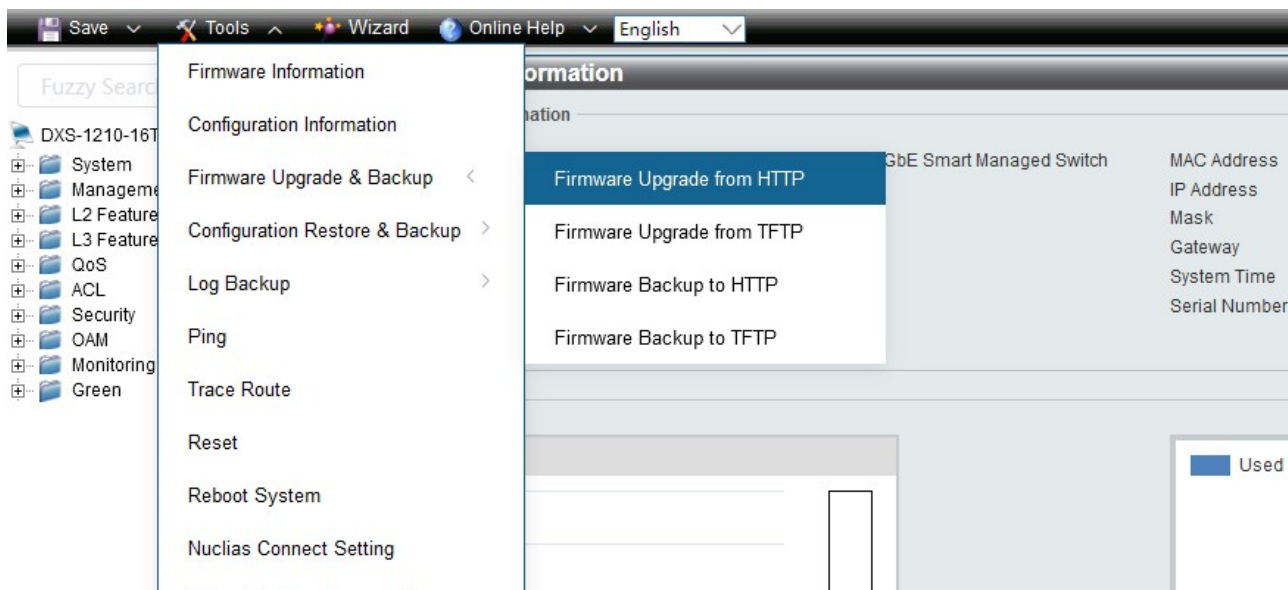
Image ID	Version	Size(B)	Update Time
1	V2.00.008	32202112	01/01/2021 02:23:32
*2c	V2.00.008	27630976	01/01/2021 00:03:07

c : Current boot up firmware

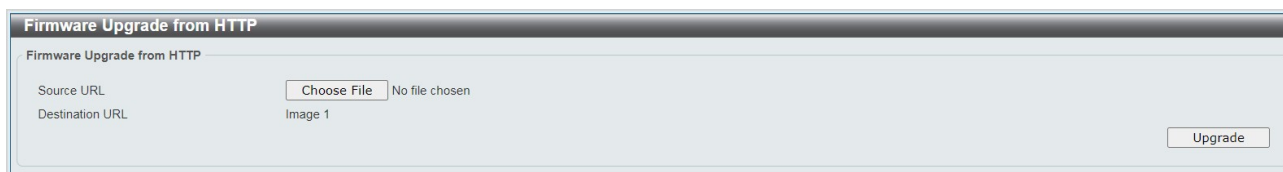
* : Boot up firmware

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-V2-00-008-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

- 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 . 145
Source URL: DXS-1210-SERIES-B1-V2-0

☒ IPv4
☐ IPv6

Upgrade

Firmware Upgrade Information

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

- 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 chars

Upgrade

Warning

Firmware upgraded success.

OK

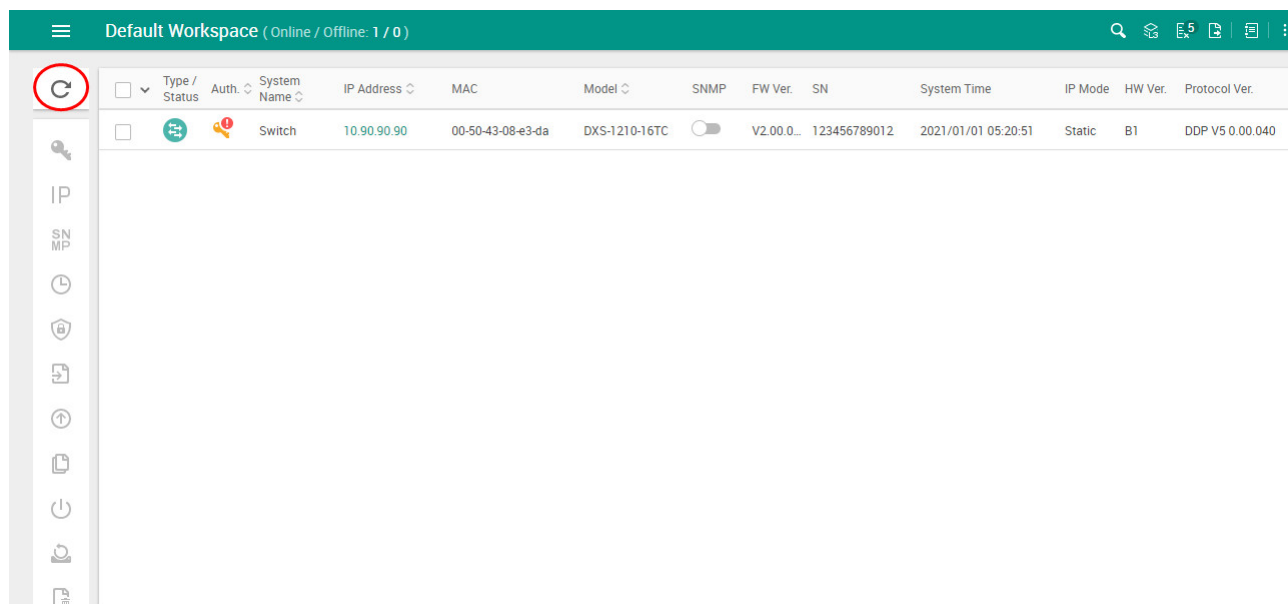
Upgrade using D-Link Network Assistant App

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.

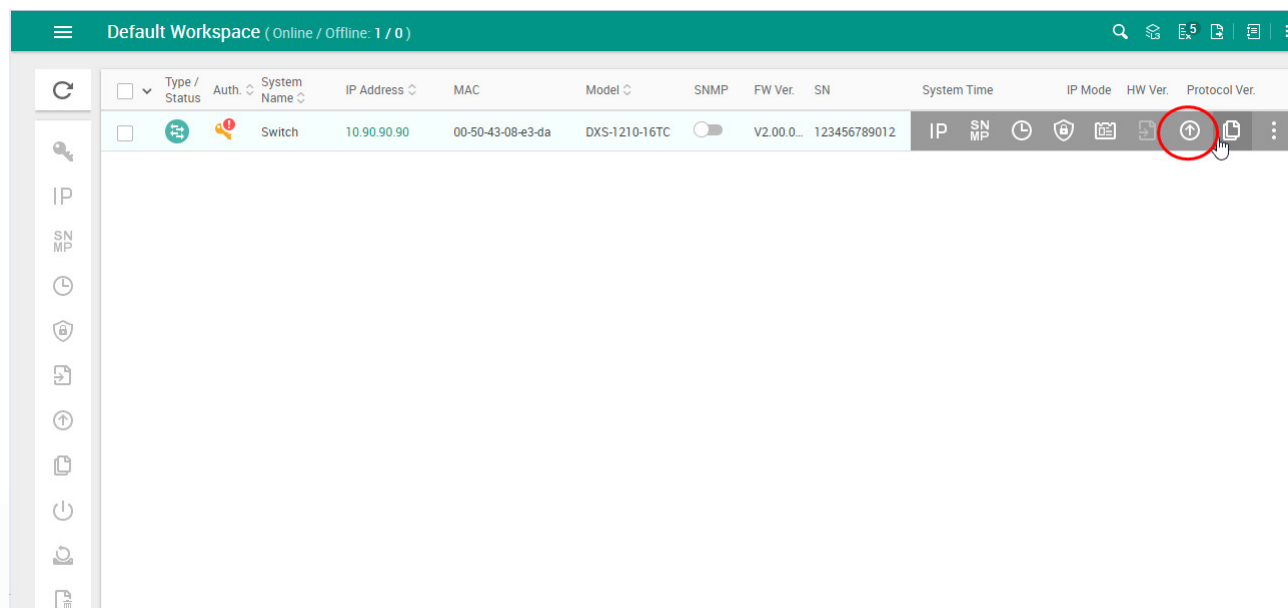
Default Workspace (Online / Offline: 1 / 0)

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		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		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

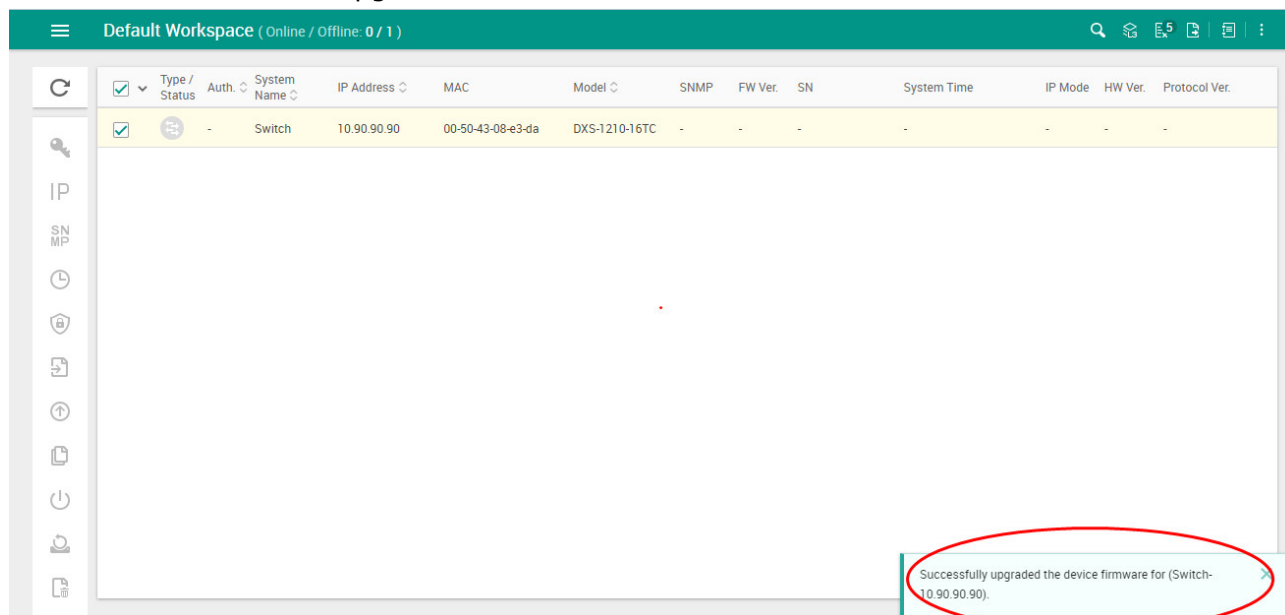
V2.00.008

Update firmware using a local file

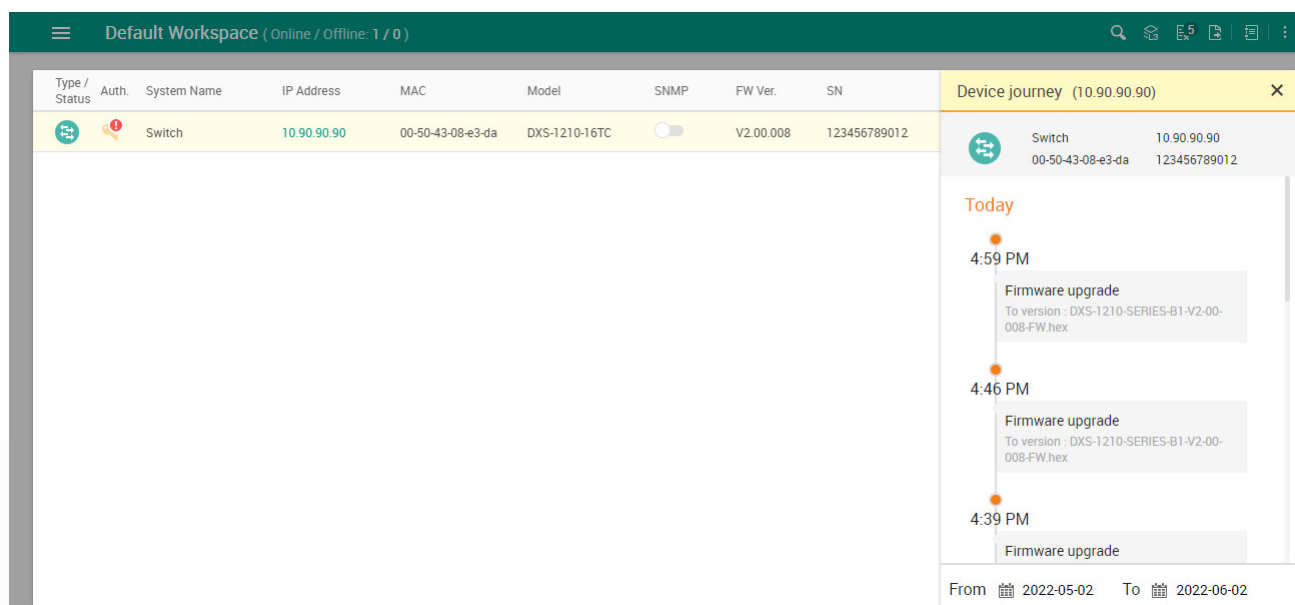
Firmware file DXS-1210-SERIES-B1-V2
-00-008-FW.hex

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
V2.03.008	NONE
V2.03.007	NONE
V2.03.006	NONE
V2.03.005	NONE
V2.03.004	NONE
V2.03.003	NONE
V2.03.002	NONE
V2.03.001	1. Upgrade openssl from 1.1.1q to 1.1.1w. 2. Support DHCP relay and DHCPv6 relay.
V2.02.B011	NONE
V2.02.B010	NONE
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(Not formal release)	Support DNC 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
V2.03.008	DXS-1210-SERIES-V2.03.008.mib	NONE
V2.03.007	DXS-1210-SERIES-V2.03.007.mib	NONE
V2.03.006	DXS-1210-SERIES-V2.03.006.mib	NONE
V2.03.005	DXS-1210-SERIES-V2.03.005.mib	NONE
V2.03.004	DXS-1210-SERIES-V2.03.004.mib	NONE

V2.03.003	DXS-1210-SERIES-V2.03.003.mib	NONE
V2.03.002	DXS-1210-SERIES-V2.03.002.mib	NONE
V2.03.001	DXS-1210-SERIES-V2.03.001.mib	Support DHCP relay and DHCPv6 relay.
V2.02.B011	DXS-1210-SERIES-V2.02.B011.mib	NONE
V2.02.B010	DXS-1210-SERIES-V2.02.B010.mib	NONE
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 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(Not formal release)	DXS-1210-SERIES-V2.01.007.mib	Support DNC Support EEE

V2.00.008	DXS-1210-SERIES-V2.00.008.mib	First Release
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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
V2.03.008	NONE
V2.03.007	NONE
V2.03.006	NONE
V2.03.005	NONE
V2.03.004	NONE
V2.03.003	NONE
V2.03.002	NONE
V2.03.001	Support DHCP relay and DHCPv6 relay.
V2.02.B011	NONE
V2.02.B010	NONE
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 (Not formal release)	NONE
V2.01.B008	Support show GBIC
V2.01.007(Not formal release)	Support DNC Support EEE
V2.00.008	First Release

Problem Fixed:

Firmware Version	Problems Fixed
V2.03.008	[HQ20240202000003]Switches locking up until reboot. [HQ20241230000004]DXS-1210/2.02.B011 Problem with double tagging. [HQ20241210000005]. Invalid firmware via https. [HQ20250203000011]if we disabled any one storm control, then all storm control on that port get deactivated. - DBG24080444 [SSH-Configure Status and Global Parameter][DXS-1210][2.02.009][2.02.P009]DXS-1210 will crash after generating rsa modulus - DBG24070300 [DXS-1210][2.02.008]The error counter cannot be displayed when the input command is incomplete. - DBG24070822 [GVRP][DXS-1210][2.02.008]When the add or remove parameter is not specified, the specified VLAN list won't overwrite the advertise VLAN list - DBG24070874 [DXS-1210][2.02.008]The delete static address function cannot work well.
V2.02.B011	- HQ20240919000010 [DXS-1210/2.02] gets influence of ipv6 acl in line tel in ssh.[DI20240919000003-Japan] - HQ20240924000003 [DXS-1210/2.02] shows a wrong err msg in case of port-channel. / similar to DI20230817000006[DI20240924000001-Japan](bug 78592) - HQ20241024000002 [DXS-1210/2.02] unknown key INT[DI20241024000001-Japan] (bug 78768) [DXS-1210/2.02] 'terminal length' doesn't work w/ static arps properly / similar to DI20240325000003[DI20240919000005-Japan] - HQ20240924000002 [DXS-1210/2.02] 'sp' should not works as 'speed' and "spa". / relate to DI20231010000003[DI20240924000002-Japan]
V2.02.B010	- HQ20240904000001 [DXS-1210/2.02] doesn't show 'int cou err'.[DI20240903000005-Japan] - HQ20240919000003 [DXS-1210/2.02] Time Range doesn't work after reboot.[DI20240917000002-Japan] - HQ20240918000004 [DXS-1210/2.02] Perpetual PoE / same as DI20220829000010[DI20240917000001-Japan] - HQ20240909000008 [DXS-1210/2.02] doesn't erase static MAC entries on channel when it's deleted.[DI20240909000002-Japan] [DXS-1210/2.02] Cable Diagnostics.[DI20240917000003-Japan] - HQ20240919000008 [DXS-1210/2.02] Fan Mode.[DI20240917000004-Japan] - HQ20240919000009 [DXS-1210/2.02] 'no arp' doesn't work w/o any error.[DI20240919000006-Japan] - HQ20240919000012 [DXS-1210/2.02] 'terminal length' doesn't work w/ static arps properly / similar to DI20240325000003[DI20240919000005-Japan]
V2.02.009	- DBG24070932: [VLAN][DXS-1210][2.02.008]Delete vlan 2-4094 the switch will hang and will recover after 10 minutes. - DBG23070264: [Auto] [DXS-1210][2.00.008]FDB-Disable FDB learn by port range. - HQ20240606000002: Session Timeout[DEUR20240606000001-Central Europe] - DBG24070867: [DXS-1210 2.02.P008][SNMPv3]Crash issue occurs on SNMPv3 test

	- DBG24070281 [DXS-1210-10MP/HW:B1/FW:2.02.008] Can't enable PoE traps on GUI. - DBG23080191.DBG23080192[2.01.010][Auto][TSD1SW_Error_Recovery]0021-Verify the executability of Error recovery command on Interface configuration mode
V2.02.008	- DBG23060410: [Port Security][DMS-1250 v1.00.008]After delete VLAN, switch can't learn the correct number of the port-security hosts - DBG23060369: [DXS-1210]DXS-1210 cannot display error counter for CRC Error packet - DBG23060315: [LED][DNH 1.2.1.6][DXS-1210 1.21.009]Combo port cannot linkup after clicking "Stop button of Locate Device - DBG24030371: DXS-1210 can not show the correct linkup log when it has been rebooted - DBG23080187: [DXS-1210][2.01.010][ACL-Ethernet MAC][Auto] show running config filter has issues when we us - DBG23050345: [Auto][General][DXS-1210][2.01.007] Unable to filter show config with dash in the include exclude tex - DBG23060305: DXS-1210 Rev.B1 spec SSH max sessions Should be support 4 entrys,but we only to connect 3 entrys - DBG23070161: [DXS-1210/B1]Save config (copy running-config startup-config) and reboot Switch. Port Mirroring settings will be cleaned - VBG21110188: We find system name/System location/System Contact does not follow SPEC of CLI - DBG23060170: [DDM][DXS-1210 /HW:B1]The decimal places displayed by Web and CLI are inconsistent - DBG23060253: [DDM][DXS-1210 /HW:B1]not show any further log after link-down - DBG23080221: [DXS-1210][2.01.010][DHCP server screen][Auto] Typo on error message when setup invalid IPv4 Addr - DBG23060341: [Multicast FDB] Unable to create static multicast entries successfully - DBG23080167: [DXS-1210][2.01.010][Voice VLAN][Auto] unable to identify device when set voice vlan mode as manual - DBG23070271:[DXS-1210][2.00.008]FDB-Change PVID of port which has been added into FDB entry
V2.01.B016	HQ20240606000002: Session Timeout[DEUR20240606000001-Central Europe]
V2.01.B015	HQ20240322000002 DXS-1210-12SC Mirroring settings are missing.[DRU20240321000001-Russia]

V2.01.B014	1. HQ20240104000001 [DXS-1210/2.01] mknod: /dev/ubi0: File exists[DI20240104000001-Japan]
V2.01.B013	1. HQ20231122000007 DXS-1210/2.01] DXS-1210 doesn't clear channel configurations w/ 'no ch' properly.[DI20231122000001-Japan]
V2.01.B012	1.HQ20231012000007[DXS-1210/2.01]802.1Xw/MAC-Move.[DI20231012000004-Japan] 2.HQ20231011000007 [DXS-1210/2.01] 'no sp' works as 'no speed' even though there still are two candidates in 'no sp'.[DI20231010000003-Japan] 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] 4.HQ20221031000007 [DXS-1210/2.00] No MAC addr in its MAC addr tbl under 802.1X Authenticator State: AUTHENTICATED in dot1x.[DI20221027000002-Japan] 5.HQ20231011000010 [DXS-1210/2.01] doesn't show an err msg in loopback-detection w/ port channel.[DI20231010000002-Japan] 6.HQ20230817000008 [DXS-1210/2.01] shows a wrong err msg in case of port-channel.[DI20230817000006-Japan] 7.HQ20231016000006 [DXS-1210/2.01] ifHCIn/OutOctets for Port-channel.[DI20231016000003-Japan] 8. HQ20231030000003 [DXS-1210-10TS/12TC/12SC] Request for modification of UI item name[DI20231030000002-Japan] 9.HQ20231025000008 [DXS-1210/2.01] doesn't initialize vlan properly after 'clear run' w/ 802.1X Dynimac VLAN.[DI20231025000002-Japan] 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.
V2.01.B011	1. HQ20221031000007 [DXS-1210/2.00] No MAC addr in its MAC addr tbl under 802.1X Authenticator State: AUTHENTICATED in dot1x.[DI20221027000002-Japan] 2. HQ20230817000008 [DXS-1210/2.01] shows a wrong err msg in case of port-channel.[DI20230817000006-Japan] [Medium] 3. HQ20230817000006 [DXS-1210/2.01] 'sh run include' doesn't show 'loopback-detection'.[DI20230817000003-Japan] 4. HQ20230816000002 [DXS-1210/2.01] asymmetric-vlan cannot be enable w/ 'CmProcessVLANForLearningModeChange fail'.[DI20230815000005-Japan] [Medium] 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] 6. HQ20230818000001 [DXS-1210/2.01] ip dhcp snooping database tftp://[DI20230817000007-Japan] [Medium] 7. HQ20230815000003 [DXS-1210/2.01] doesn't accept storm-control configuration of 'sh run'.[DI20230815000004-Japan] [Medium] 8. HQ20230824000003 [DXS-1210/2.01] 'no speed' doesn't initialize 'speed auto '.[DI20230824000004-Japan]

	9. HQ20230824000002 [DXS-1210/2.01] ifHCInOctets/ifHCOctets[DI20230824000003-Japan] 10. HQ20230905000014 [DXS-1210/2.01] 802.3 Extension TLV in LLDP. (MAC/PHY) / same as DI20220120000007[DI20230905000007-Japan] 11. HQ20230905000016 [DXS-1210/2.01] doesn't show an err msg for 'no snmp-server community' when it's used.[DI20230905000005-Japan] 12. HQ20230905000019 [DXS-1210/2.01] doesn't recognize MLDv2 SQ.[DI20230905000006-Japan] 13. HQ20230831000003 [DXS-1210/2.01] it doesn't affect to change 'arp timeout' for an existing entry.[DI20230831000005-Japan] 14. HQ20230904000007 [DXS-1210/2.01] shows 'SendLogMsgV4UdpServer(881)--ModuleName: SYSLOG: it shouldn't happen, please pay attention!'.[DI20230904000004-Japan] 15. HQ20230904000006 [DXS-1210/2.01] doesn't accept 'no logging source-interface' under 'no int vlan 1'.[DI20230904000003-Japan] 16. HQ20230905000013 [DXS-1210/2.01] doesn't send SNMP traps w/ 'snmp-server source-interface traps'.[DI20230905000004-Japan] 17. HQ20230905000015 [DXS-1210/2.01] dns server[DI20230905000008] 18. HQ20230918000001 [DXS-1210/2.01] rebooting the ip address is reset[DRU20230915000001-Russia]
V2.01.010	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. 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. 3. DBG23060191 [DDM][DXS-1210 /HW:B1]The values displayed on the Web and CLI are inconsistent. 4. DBG23060162 [DDM][DXS-1210 /HW:B1]Can't show correct mwatt when configuring transceiver-monitoring rx/tx power. 5. DBG23060269 [DDM][DXS-1210 /HW:B1]An error message will appear when the "snmp-server" command is executed. 6. DBG23060205 [DDM][DXS-1210 /HW:B1]An error message will appear when the "snmp-server source-interface traps vlan 1" command is executed. 7. DBG23060321 [DNH 1.2.1.6][DXS-1210 1.21.009]Switch keep rebooting and print error log 8. DBG23060203 [DDM][DXS-1210 /HW:B1]When transceivers were plugged in, "Threshold Exceeded Log" appeared. 9. DBG23030462 [DXS-1210 /HW:B1 /FW:2.01.007]WebGUI will pop out error message "SNMP Error Incorrect Value" randomly.
2.01.009(N ot formal release)	1.DBG23030343 [DNH-100_A1][1.2.1.5][DXS-1210_B1][2.01.007] Failed to apply Allowed Vlans "All" on Trunk port 2. DBG23030456 [DNH-100_A1][1.2.1.5][DXS-1210_B1][2.01.007] Cannot disable IGMP snooping VLAN state 3. DBG22070249[CLI] The help message should be displayed after type "?" 4. HQ20230407000005 DXS-1210-12SC port-security[DRU20230403000003-Russia] 5. DBG23050177 [Auto][MAC-ACL][DXS-1210][2.01.007] Unable to block untagged traffic when set ACL to deny vlan 1 6. DBG23050189 [Auto][MAC-ACL][DXS-1210][2.01.007] MAC ACL Ethernet-type output has several issues

	7.DBG23050261 [Auto][MAC-ACL][DXS-1210][2.01.007] MAC ACL deleted in specific situation 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. 9. DBG23030061[EEE][2.01.007]Prompt Message on Non-supported Port (Fiber port) 'The specified port dose not support SFP.' 10. DBG23030462[DXS-1210 /HW:B1 /FW:2.01.007]WebGUI will pop out error message "SNMP Error Incorrect Value" randomly.
V2.01.B008	1.HQ20221019000011 always shows 'Current Time Source' as 'System Clock' in CLI 2.HQ20221026000006 Wrong unit in Storm Control in its WebUI 3.HQ20221026000007 ssl cert from 12/27/2041 to 12/25/2051 / similar to DI20191031000007. 4.HQ20221031000007 No MAC addr in its MAC addr tbl under 802.1X Authenticator State: AUTHENTICATED in dot1x 5.HQ20230130000018 Broadcast in Storm Control Settings does not shutdown 6.HQ20230105000007 ghost hybrid vlan. 7.HQ20221021000007 doesn't accept 'no vlan
V2.01.007 (Not formal release)	1.[DBG22070176][802.1x]DUT does not assign to valid VID dynamically after authentication. 2.[DBG22070173] [802.1x]Assigned priority is incorrect in DUT. 3.[DBG22070011] [DXS-1210-12TC][H/W:B1][F/W:2.00.008]Changing the speed should show the correct information. 4.[DBG22060330][Combo port]Combo port link status not correct in cli. 5.[DBG22060292] [DXS-1210_B1][2.00.008][IP_ACL]The DXS-1210 rebooted while configuring the MAX. IP ACL rules. 6.[DBG22070101/HQ20221031000005] [802.1X]DUT running config show duplicate command : "no dot1x forward-pdu". 7.[DBG22070082]Incorrect cli display when Maximum Length of VLAN Name. 8.[DBG22060250] [Web][DXS-1210/B1][V2.00.008]The VLAN "All button" doesn't work. 9.[DBG22060182] [ErrorMessage][2.00.008]Error message 'sigStopHandler: forbid appDemo to exit when input ctrl+c!' after input 'CTRL+C'. 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. 11. [HQ20221021000006][DXS-1210/2.00] session-timeout X in line console.[DI20221019000004-Japan] 12. [HQ20221019000011] [DXS-1210/2.00] always shows 'Current Time Source' as 'System Clock' in CLI.[DI20221019000007-Japan]
V2.00.008	First Release

Known Issues:

Firmware Version	Issues	Workaround
V2.01.007 ~V2.03.008	1. VBG21100049 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. Design limitation.

2. VBG21110053 There are the compatibility issue with smartbit Gigabit Card : - When use smartbit Gigabit Card will occur CRC error. - When use smartbit 10/100Base Ethernet Card will not occur CRC error. p.s. In half duplex mode will drop packets is normal behavior	Won't fix. The smartbit's Gigabit and 10/100Base cards are used in laboratory environments. RD will check if the smartbit card needs to be upgraded
3. VBG21110066 The DUT does not support RMON2.MIB Default Route settings.	The RMONv2 is not supported in FCS.
4. VBG21110121 The DUT Cable Diagnostics test result always display N/A without combo port via 1m cable length.	Won't fix. Cable diagnostics are available for long cables.
5. VBG21110132 The DUT Cable Diagnostics clear all cannot clear combo port check result.	Won't fix. The previous check result will be clear when
6. VBG21110133 The DUT Cable Diagnostics test result display all pairs OK not open or short with no power link partner.	Won't fix. Cable diagnostics are available for long cables
7. VBG21120011 DUT1 port1-4 TX/sec should be equal with Load balance 'mac_source_destination'. 8. VBG21120011 DUT1 port1-4 TX/sec should be equal with Load balance 'ip_source_destination'	Won't fix. HW limitation.
9. VBG21120013 Follow D-link Criteria,enable EEE function ports state should NOT be link-down.	This release doesn't support EEE. Due to chipset limitation, EEE is removed on 1st firmware release. If available, it will be added back in the future.
10. VBG21120015 Follow D-link Criteria,the EEE function only support in auto-negotiation mode enable	This release doesn't support EEE. Due to chipset limitation, EEE is removed on 1st firmware release. If available, it will be added back in the future.
11. VBG21120032 When you set broadcast, multicast and unicast with different threshold value, DUT will use the last value to replace others. 	Won't fix. HW limitation.
12. VBG21120041 Port LED will randomly light up when we plug the power.(Hardware Limitation)	Won't fix. This situation only appeared when the device at power on

		state.
13. VBG21120042	DUT can not drop TCP Tiny Fragment Attack packets.	Won't fix. HW limitation.
14. VBG21120051	When transmit 32767 Random MAC address learning result just display 26209 (maximum FDB entries should be 32767)	Known issue. If the transmit rate is 100% this issue will have appeared
15. VBG21120053	When transmit 32767 increment MAC address learning result just display 25715 (maximum FDB entries should be 32767)	Known issue. If the transmit rate is 100% this issue will have appeared.
16. VBG21120059	Port security delete on timeout, sometimes DUT clear the mac before the aging time.	Won't fix. Design rule limitation(polling interval 30 sec, will affect aging timeout result.)
17. VBG22010012	DXS-1210 B1 does not support cross VLAN routing via jumbo frame.	Won't fix. HW limitation.
18. VBG22010019	DXS-1210 B1 GVRP control packets priority is higher than ACL deny.	Won't fix. Hardware Limitation
19. VBG22010021	By criteria, Port security and IMPB functions should not use at the same time.	Won't fix. IMPB doesn't support strict mode in FCS.
20. VBG22010024	DXS-1210 B1 STP control packets priority is higher than ACL deny.	Won't fix. Hardware Limitation
21. VBG22010047	Because DXS-1210 B1 Marvell solution rate is not same 1:1 in the same Queue.	
22. VBG22010055	Multicast data streams with same MAC and different IP should be differentiated for L3 switch	Won't fix. It doesn't support IP base in FCS.
23. VBG22010057	Multicast data streams with same MAC and different IP should be differentiated for L3 switch.	Won't fix. It doesn't support IP base in FCS.
24. VBG22010063	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. Design limitation.
25. VBG22010073	DXS-1210 B1 Series traceroute result will be affect when lots ARP packets trap to CPU.	Known issue. If the transmit rate is 100% this issue will have appeared.

26. VBG22010083 Sometimes DUT disconnect and reconnect, the LACP cannot forward the packets via routing.	Known issue. The issue only occurs when trying to add a new port in the current LACP group.
27. VBG22110041 [1.2.1.4t]We found that the dns server on DNC is empty after disable nms then enable nms	
28. DBG23060265 [WEB] After several times of use command -> clear running-config ->use command, the web sometimes will display unnormal.	
29. DBG23060347 username cannot be set to "root" and an error message "Username is illegal" will be displayed.	
30. DBG23060325 [DDM][DXS-1210 /HW:B1]After repeating configure and clear running-config , the port will link down and link up.	
31. DBG23060295 The current configuration size of the DUT is inconsistent with the configuration size uploaded to the TFTP server.	
32. DBG23030448 [DNH1.2.1.6]We can enable STP global modeand LBD global mode at the same time from DNH.	SW Limitation
33. DBG23060270 [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
34. VBG24050006 [PoE] Compatibility Test (IOT Test) AIR-AP1242AG-A-K9 , PoE works normally, Ethernet does not work.	Known issue. Marvell PHY compatibility issues. Change dut port speed to 100M that it will fixed the issue.
35. DBG22070154 [CLI]The console printed some error log whing plug-unplug the 10G transceiver "DEM-431XT_C1,	HW Limitation

DEM-432XT_E1".	
36. DBG22070030 [DXS-1210_B1][2.00.008][IP_ACL]Different profiles share one "permit" rule ?	Spec issue
37. VBG22020038 DKP1704042-010 DoS Prevention - TCP Tiny Fragment Test	HW Limitation
38. DBG22060280 [DXS-1210_B1][2.00.008]The MAX. length of ACL name is 32, but the error message just showed "Invalid Command".	SW Limitation
39. VBG22050095 [Flow control] Flow control oper detect issue	Chip Limitation It doesn't support link partner FC status register
40. DBG23080172 [Auto][TSD1SW_Jumbo_Frame]Jumbo Frame-802.1Q tagged frame	HW Limitation
41. DBG24070293 LLDP class 6 negotiation failed, the class negotiation result failed.	Known issue
42. DBG24070189 [Port Security][DXS-1210 /HW:B1 /FW:2.02.008]After delete VLAN, the current number of the interface cannot display correctly.	Known issue
43. DBG24070879 [Port Security][DXS-1210][2.02.008]When the address is full on the system, DUT doesn't record the log	Known issue
44. DBG24070884 [Port Security][DXS-1210][2.02.008]Aging Type_Inactivity cannot work well.	Known issue
45. DBG24070371 [IGMPSNOOP-STP Topology Changes][DXS-1210 ver2.02.008]client will not receive igmp query packets	Known issue

	46. [Basic Check_Fans Status] [DXS-1210-12TC ver2.02.008]DXS-1210-12TC has error message after apping "show environment fan"	Known issue
	47. DBG24070374 [FDB][DXS-1210][2.02.008]The vlan feild cannot display correctly on CLI.	Known issue
	48. VBG25050007 When delete SNMP View Table default entry settings will be can not create max entry and pop-up error message	Known issue
	49. DBG24071304 [Jumbo frame][DXS-1210][2.02.008]DUT response ping with fragment	Known issue
V2.00.008	1.VBG21100049 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. Design limitation.
	2. VBG21110053 There are the compatibility issue with smartbit Gigabit Card : • When use smartbit Gigabit Card will occur CRC error. • When use smartbit 10/100Base Ethernet Card will not occur CRC error. p.s. In half duplex mode will drop packets is normal behavior	Won't fix. The smartbit's Gigabit and 10/100Base cards are used in laboratory environments. RD will check if the smartbit card needs to be upgraded
	3. VBG21110066 The DUT does not support RMON2.MIB Default Route settings.	The RMONv2 is not supported in FCS.
	4.VBG21110121 The DUT Cable Diagnostics test result always display N/A without combo port via 1m cable length.	Won't fix. Cable diagnostics are available for long cables.
	5.VBG21110132 The DUT Cable Diagnostics clear all cannot clear combo port check result.	Won't fix. The previous check result will be clear when
	6.VBG21110133 The DUT Cable Diagnostics test result display all pairs OK not open or short with no power link partner.	Won't fix. Cable diagnostics are available for long cables

7.VBG21120011 DUT1 port1-4 TX/sec should be equal with Load balance 'mac_source_destination'.	Won't fix. HW limitation.
8.VBG21120011 DUT1 port1-4 TX/sec should be equal with Load balance 'ip_source_destination'	
9.VBG21120013 Follow D-link Criteria,enable EEE function ports state should NOT be link-down.	This release doesn't support EEE. Due to chipset limitation, EEE is removed on 1st firmware release. If available, it will be added back in the future.
10.VBG21120015 Follow D-link Criteria,the EEE function only support in auto-negotiation mode enable	This release doesn't support EEE. Due to chipset limitation, EEE is removed on 1st firmware release. If available, it will be added back in the future.
11.VBG21120032 When you set broadcast, multicast and unicast with different threshold value, DUT will use the last value to replace others. 	Won't fix. HW limitation.
12.VBG21120041 Port LED will randomly light up when we plug the power.(Hardware Limitation)	Won't fix. This situation only appeared when the device at power on state.
13.VBG21120042 DUT can not drop TCP Tiny Fragment Attack packets.	Won't fix. HW limitation.
14.VBG21120051 When transmit 32767 Random MAC address learning result just display 26209 (maximum FDB entries should be 32767)	Known issue. If the transmit rate is 100% this issue will have appeared
15.VBG21120053 When transmit 32767 increment MAC address learning result just display 25715 (maximum FDB entries should be 32767)	Known issue. If the transmit rate is 100% this issue will have appeared.
16.VBG21120059 Port security delete on timeout, sometimes DUT clear the mac before the aging time.	Won't fix. Design rule limitation(polling interval 30 sec, will affect aging timeout result.)
17.VBG22010012 DXS-1210 B1 does not support cross VLAN routing via jumbo frame.	Won't fix. HW limitation.
18.VBG22010019 DXS-1210 B1 GVRP control packets priority is higher than ACL deny.	Won't fix. Hardware Limitation

19.VBG22010021 By criteria, Port security and IMPB functions should not use at the same time.	Won't fix. IMPB doesn't support strict mode in FCS.
20.VBG22010024 DXS-1210 B1 STP control packets priority is higher than ACL deny.	Won't fix. Hardware Limitation
21.VBG22010047 Because DXS-1210 B1 Marvell solution rate is not same 1:1 in the same Queue.	
22.VBG22010055 Multicast data streams with same MAC and different IP should be differentiated for L3 switch	Won't fix. It doesn't support IP base in FCS.
23.VBG22010057 Multicast data streams with same MAC and different IP should be differentiated for L3 switch.	Won't fix. It doesn't support IP base in FCS.
24.VBG22010063 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. Design limitation.
25.VBG22010073 DXS-1210 B1 Series traceroute result will be affect when lots ARP packets trap to CPU.	Known issue. If the transmit rate is 100% this issue will have appeared.
26.VBG22010083 Sometimes DUT disconnect and reconnect, the LACP cannot forward the packets via routing.	Known issue. The issue only occurs when trying to add a new port in the current LACP group.

Related Documentation:

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