

DAP-2610 Firmware Release Notes

Firmware: v2.01B05r073

Hardware: A1

Date: Apr 17, 2020

Problems Resolved:

1. [DNC] Syncdevicecfgresult sometimes does not carry the established SSID data in subcfgidmaxacllist.
2. [HQ20190929000002][DNC] if we modify SSID on DAP webGUI after it's managed by DNC, DAP will broadcast modified SSID rather than use the SSID we configure on DNC profile.
3. [HQ20191014000014][DNC] 5GHz radio is enabled even if the status of 5GHz radio is still "off" on profile of Nuclias Connect.
4. [DNC] adjust ip-changed flow.
5. [DNC] Message of IP change & IP field is empty in syslog message related to DHCP
6. [DNC] AP offline issue.
7. [DNC] VLAN Settings did not sync from 5G primary Band.
8. [HQ20191205000006][DNC] Username/Password page is shown just once when the mgmt int is tagged.
9. [HQ20191129000002][DNC] Don't renew their IP address when their "Mgmt" interface is changed to another vlan.
10. [HQ20191230000003][DNC] Nuclias connect would be failed to manage an AP with the msg "error cannot recv manageDevice in managed" when its network profile changes.
11. [HQ20191217000007][DNC] Vlan settings in 5GHz switches between 5GHz 1 and 5GHz 2.
12. [HQ20191206000004][DHCP] DHCP name protection.
13. <Behavior change> Follow the SNR-20190603 to modify DHCP client and Time setting behavior.
14. [Security issue]ZDI-CAN-10082: D-Link DAP-2610 Router login Incorrect Comparison Authentication Bypass Vulnerability
15. [Security issue] CTX-2020-02-01 – Disclosure of Administrative Credentials
16. [Security issue] CTX-2020-02-02 – Administrative Password Disclosure
17. [Security issue] Privilege escalation vulnerability in the cli binary
18. [HQ20191121000011][DNC]Few APs are showing offline in nuclias connect.
19. [HQ20191129000003][DNC]Don't send DHCP Discover when its mgmt vlan was changed.
20. [HQ20200210000007][DNC] Username/Password page does not appear on wireless client even if AP is pingable.

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v2.01r067

Hardware: 1A1G

Date: Oct 20, 2019

Problems Resolved:

1. password restrictions in administration Settings

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v2.01r066

Hardware: 1A1G

Date: Oct 16, 2019

Problems Resolved:

1. wizard password issue.

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v2.01r065

Hardware: 1A1G

Date: Oct 14, 2019

Problems Resolved:

1. Adjust version number.

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v2.00r064

Hardware: 1A1G

Date: Oct 11, 2019

Problems Resolved:

1. wizard password issue.
2. update f/w fail via dnc.

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v2.00r063

Hardware: 1A1G

Date: Aug 30, 2019

Problems Resolved:

1. [CWM] [DBG19060149]: Band steering function does not sync after applying the configuration from DNC server.
2. [D-Link Feedback issue] [Wireless Connection] It will request re-type the password after change the wireless connection from 5G to 2.4G in several times.
3. [qos] qos in ap mode work with vlan will cause download work abnormal.

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v2.00r062

Hardware: 1A1G

Date: Aug 16, 2019

Problems Resolved:

1. [traffic manager]Traffic manager doesn't work if use Client MAC
2. [CWM]adjust captive portal message

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v2.00r061

Hardware: 1A1G

Date: Jul 15, 2019

Problems Resolved:

1. [CWM]DAA support 256 bytes
2. [CWM]Add ssid integrity detection.
3. [CWM]Support 802.1x.
4. [d-lab: DBG19030339][CWM] It shouldn't display the default wizard after managed by Nuclias Connect
5. [CWM] : In Multi-SSID page, it will show some unexpected SSIDs.
6. [CWM]: In nuclias connect Bandwidth optimization, delete rule fail.
7. [CWM] [DBG19060149]: Band steering function does not sync after applying the configuration from DNC server.
8. [Raspberry test] DUT happened crash issue at 2hr 54min.
9. [D-LAB:DBG19030707][WDS]Some special SSID will cause client wds can't connect to root wds

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v2.00r057

Hardware: 1A1G

Date: Mar 6, 2019

Problems Resolved:

1. [WDS-CLI] the command of WDS /WDS With AP in the console , please update the rules
2. [Log]The DUT doesn't show log message when STA get IP from external DHCP server
3. [D-LAB: DBG19010343] DAP-2680_2.00_Cannot rollback to primary DNS server

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v2.00r056

Hardware: 1A1G

Date: Feb 18, 2019

Problems Resolved:

1. [Log]The DUT doesn't show log message when STA get IP from external DHCP server
2. [wds/wdswith ap + channel] set wds root AP's channel is 36, but scan it in the web of wds client ,it show 64. (change root channel to 157, it show 64 in the client ,too)

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v2.00r055

Hardware: 1A1G

Date: Feb 13, 2019

Problems Resolved:

1. [QOS] the priority of qos can't work for downlink in WDS mode
2. [WDS+VLAN]Remote PC cannot ping each other
3. [Log]The DUT doesn't show log message when STA get IP from external DHCP server
4. [CWM] [Monitor/Wireless Client] Can't get 2.4G client's upload value and download value

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v2.00r054

Hardware: 1A1G

Date: Jan 30, 2019

Problems Resolved:

1. [provide system settings]The countdown time too long
2. [PROVIDE SYSTEM SETTINGS]Manually system time can't update success
3. [Bandwidth Optimization] add rules after wifi reboot will not work
4. [DKP1610019-0073][DEUR20160112000007]D-Track_2016_01_wired devices are no longer assigned

an IP address by the DHCP server.

5. [QOS] qos in wds mode can't limit the total speed
6. [WLAN Traffic Statistics]2.4G doesn't show some traffic information
7. [bandsteering]The command doesn't work
8. [dlab][DBG19010606]DUT always sends the same trap no matter the DUT reboot or connecting a wireless client, and the community is incorrect in the trap packet
9. [VLAN]MG VLAN doesn't work normal
10. [CWM/Layer 2 discover] Can't discover DAP-2610 device via CWM L2 discover
11. [Performace] Beacon Interval settings can't take effect
12. [CWM] Client's IPv6 Address show wrong
13. [WDS+VLAN]Remote PC cannot ping each other

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v2.00r053

Hardware: 1A1G

Date: Jan 14, 2019

Problems Resolved:

1. Remove Alpha WDS use QCA's WDS
2. Remove AP Array
3. Support CWM v2.00
4. Support DDPv5/APP
5. In default settings, the network ip address setting is Dymatic ip
6. Support MDNS name
7. Support Setup Wizard
8. Modify Timezone settings
9. Update country selection table
10. Move IP filter settings page from Captive Portal to Filter folder, behind WLAN Partition(AP GUI). IP filter funtion is indepentant feature and can work with all non-captive portal authentication.
11. Default admin user name/password is admin/admin
12. Add new country code HK/TH
13. Add WPA2 patch
14. Add new country code HK

15. Open 5GHz band 2 and band 3(DFS band) for US/NA region

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v1.01-rc017

Hardware: 1A1G

Date: Mar. 28, 2017

Problems Resolved:

[*][TX power] fix AU TX power not correct in 2.4G,

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v1.01-rc016

Hardware: 1A1G

Date: Mar. 21, 2017

Problems Resolved:

[*][CP]: The password or secret fields are not encrypted in HTTP packet,

[*][Multi-SSID open confirm key] confirm key show plaintext in packet

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v1.01-rc015

Hardware: 1A1G

Date: Mar. 13, 2017

Problems Resolved:

Remove KR DFS channel,

[*]ETSI 11B mode 1M rate power not correct,

[*]APC scan issue at the first time,

[*]Add IC/AU/SG/JP/CN/IN CTL power,

[*]Encrypt secret information on WEB UI,

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v1.00-rc014

Hardware: 1A1G

Date: Feb. 10, 2017

Problems Resolved:

[*]HTTP web page login password show plaintext

[*][wlan partition]Internal Station Connection does not work

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v1.00-rc013

Hardware: 1A1G

Date: Jan. 22, 2017

Problems Resolved:

[*][CP+ IP Interface + Get IP from DHCP]: The interface can't get IP address and AP will reload CP all the time

[*][Module]: Set fac device, then upload group.dat file to device, it can't be managed by cwm

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v1.00-rc012

Hardware: 1A1G

Date: Jan. 22, 2017

Problems Resolved:

[*][Attacker test]User can't access web after DDOS attack

[*][VLAN]Enable VLAN and some special configuration will cause AP response too slow

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v1.00-rc011

Hardware: 1A1G

Date: Jan. 19, 2017

Problems Resolved:

[*][AP Array] improve the synchronization of schedule

[*][SSID]SSID must support all the special character

[*][WDS with AP] Two STAs connect to AP, can't ping each other in the same SSID

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v1.00-rc010

Hardware: 1A1G

Date: Jan. 13, 2017

Problems Resolved:

[*][load balance]Enable Load balance will cause STA can't connect to AP

[*][XSS attack]XSS attack will cause AP web page show error

[*][nmap attack] ssl-enum-ciphers can't include SSLv3

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v1.00-rc009

Hardware: 1A1G

Date: Jan. 11, 2017

Problems Resolved:

[*][load balance]Enable Load balance will cause STA can't connect to AP

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v1.00-rc008

Hardware: 1A1G

Date: Jan. 6, 2017

Problems Resolved:

[*][auto RF] fix bug auto RF not work correctly,

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v1.00-rc007

Hardware: 1A1G

Date: Jan. 4, 2017

Problems Resolved:

[*][APC] Scan fail when not associated with root AP,

[*][save] Input some invalid parameter in text area will cause the right parameter can't submit

[*][schedule] 'Add' button will not take effect when enable overnight feature,

[*][auto RF] enable auto RF will cause schedule function not correct,

[*][Module] [Auto RF]: Client not execute the command from server.

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v1.00-rc006

Hardware: 1A1G

Date: Dec. 26, 2016

Problems Resolved:

- [*][CP]: The progress of CP will disappear
- [*][schedule]: schedule rule not work
- [*][Help][CP]: Lost some sub-functions' help
- [*][IPv6]PC can't access AP web via IPv6 address
- [*][WDS With AP+Wlan] 2.4G wireless statistics have no data at all.
- [*][web]Click save button will show 403 forbidden sometimes

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v1.00-rc005

Hardware: 1A1G

Date: Dec. 16, 2016

Problems Resolved:

- [*][CP]: The progress of CP will disappear
- [*][IP Interface]: When DHCP offer packet is broadcast IP interface can't get the ip address from the server
- [*][NAP]STA can't ping PC ok
- [*][Login page upload]: Can't set 5G primary SSID as user's upload style
- [*][intrusion] band display error,
- [*][schedule] when set rules more than 128, the rule over 128 will not work,
- [*][help] MAC ACL information error,
- [*][Simplified Chinese][Client info]Page display problem
- [*][Help][CP]: Lost some sub-functions' help

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v1.00-rc004

Hardware: 1A1G

Date: Dec. 7, 2016

Problems Resolved:

- [*][Login page upload]: When SSID's style is lost, we should set a default style for the SSID
- [*][channel Analyze] Page display problem (ARssi)
- [*][NAP]Enable or disable firewall will cause AP crash
- [*][Device Information]: DUT's snmp is dead, but CWM connect status is 'connect'.
- [*][Transmit Power]Transmit Power doesn't work normal
- [*][Login page upload]: Upload 3 styles to DUT, there will show 10 styles in total.
- [*][WDS]WDS doesn't work normal after 3 hours
- [*][CP]: Station roam to Master from slave, it will be asked to authentication again
- [*][Module] [Home -> Device view-> WLAN traffic statistics]: Clear button not take effect.
- [*][priority]capture VLAN packet the priority show 0
- [*][time and date] datesaving error
- [*][WDS channel width]Channel width doesn't work normal in WDS mode
- [*][Band Steering]Band Steering Difference and Refuse Number doesn't work
- [*][WDS SCAN]This function doesn't work normal
- [*][Multi]Multi SSID doesn't work normal in 2.4G band
- [*][IP Interface]: When DHCP offer packet is broadcast IP interface can't get the ip address from the server
- [*][AP Array]AP Array disconnection
- [*][AP Array]Heavy with wireless multiple times, version values should not be 0
- [*][ap array]master power off, then power on, slave can scan master
- [*]SNMP community name limit #`\" characters in WEB/CLI, and maximum length is 29

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v1.00-rc003

Hardware: 1A1G

Date: Oct. 25, 2016

Problems Resolved:

- [*][Login page upload]: When login style contain special characters,upload fail
- [*][Login page upload]: When SSID's style is lost, we should set a default style for the SSID
- [*][VLAN] Some special conifg will cause AP crash
- [*][NAP]Enable or disable firewall will cause AP crash
- [*][Device Information]: DUT's snmp is die,but CWM connect status is 'connect'.
- [*][CWM]: DUT off line for twice when the SNMP process is normal.
- [*][VLAN]AP can't forward tag packet
- [*][filters]Maximum number of Access Control list is 512
- [*][filters]the function of Upload ACL MAC can't work.
- [*][filters]disable Ethernet to WLAN Access Can not get ipv6 address
- [*][wlan partition]Internal Station Connection does not work
- [*][wlan partition]Ethernet to wlan Access does not work
- [*][Login page upload]: The warning message contain " for twice.
- [*][Band Steering]Band Steering Difference and Refuse Number doesn't work
- [*][AP Client]Scan doesn't work normal
- [*][VLAN]The page display irregular
- [*][filters]Lack of function
- [*][channel]channel list not match the D-Link Wi-Fi frequency table
- [*][Periodical Key Change]Email log doesn't show the band information
- [*][hidden page] wlan driver No show
- [*][WDS]The remote PC of WDS can't ping ok if switch each other

Enhancements:

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v1.00-rc002

Hardware: 1A1G

Date: Oct. 27, 2016

Problems Resolved:

- [*][Link-Local IP Address]link local IP can't access AP's web (IPV6)
- [*][wireless MAC ACL]the page show error ,and the function can't work.
- [*][Accounting Server]Accounting packet miss some parameter(input/output octets)
- [*][internal radius]Miss the function of Internal radius server
- [*][Backup RADIUS Server]Backup RADIUS Server doesn't work

[*][log settings]After Configure the log setting, in the console, it will repeatedly print CRTschedule_smtp. AP can't work fine
[*][WDS]WDS doesn't work normal
[*][client info]APC client info show error
[*][CP]: The progress of CP will disappear
[*][CP]:After copy PC's time, the station isn't asked to authenticate again whose passcode is expired.
[*][Auto RF]the range of time should be 1-24 in the Auto RF
[*][CP-> Remote Radius ->SPAP]: When remote radius type is SPAP, authentication will fail
[*][MAC ByPass]: Warning message ask user to upload '.acl' file.
[*][Maximum Multicast Bandwidth]It doesn't work normal if the parameter set to 1
[*][Login page upload]: When login style contain special characters, upload fail
[*][IP Filter settings]: Warning message ask user to upload '.acl' file.
[*][Login page upload]: Style 'page_license.tar' can be uploaded again.
[*][Band Steering]Band Steering Age doesn't work normal
[*][VLAN]Some special config will cause AP crash

Enhancements:

Update FCC/CE CTL power,

Known issues:

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4

Firmware: v1.00-rc001

Hardware: 1A1G

Date: Oct. 14, 2016

Problems Resolved:

First Release

Enhancements:

None

Known issues:

1. WDS ping fail

QCA Wireless Driver Version: 10.4-3.0.198.093(SPF 3.0 CS)

Qcmbr: 10.4
