



DWL-8600AP Firmware Patch Notes

Firmware: v4.3.0.2B10 BETA

Hardware: Ax

Date: January 25, 2018

Note:

This release is to patch the WPA2 Key Reinstallation Attack (KRACK) Security Vulnerabilities affecting this product.

The beta firmware will be followed up by a fully quality test release in approximately 4 weeks.

Problems Resolved:

A WPA2 wireless protocol vulnerability was reported to CERT//CC and public disclosed as: **VU#228519** - Wi-Fi Protected Access II (WPA2) handshake traffic can be manipulated to induce nonce and session key reuse.

The following CVE IDs have been assigned to VU#228519. These vulnerabilities in the WPA2 protocol:

- CVE-2017-13077: reinstallation of the pairwise key in the Four-way handshake
- CVE-2017-13078: reinstallation of the group key in the Four-way handshake
- CVE-2017-13079: reinstallation of the integrity group key in the Four-way handshake
- CVE-2017-13080: reinstallation of the group key in the Group Key handshake
- CVE-2017-13081: reinstallation of the integrity group key in the Group Key handshake
- CVE-2017-13082: accepting a retransmitted Fast BSS Transition Re-association Request and reinstalling the pairwise key while processing it
- CVE-2017-13084: reinstallation of the STK key in the PeerKey handshake

- CVE-2017-13086: reinstallation of the Tunneled Direct-Link Setup (TDLS) PeerKey (TPK) key in the TDLS handshake
- CVE-2017-13087: reinstallation of the group key (GTK) when processing a Wireless Network Management (WNM) Sleep Mode Response frame
- CVE-2017-13088: reinstallation of the integrity group key (IGTK) when processing a Wireless Network Management (WNM) Sleep Mode Response frame

Firmware v4.3.0.2B09

Problem Resolved:

- HTTP redirection not working (HQ20170522000008)

Firmware v4.3.0.2B08

Problem Resolved:

- DWL-3600/6600 + DWC-2000 - no dynamic VLAN allocation (HQ20170110000008) [DEUR20170109000005-Central Europe]

Firmware v4.3.0.2B07

Problem Resolved:

- 5GHz connection speed issue in managed mode (HQ20160726000004) [IMA20160721000004- India]

Firmware v4.3.0.2B06

Problem Resolved:

- After Controller manages DWL-8600AP, httpd is still alive and user can access web UI (HQ20160603000001) [DI20160602000002-Japan]

Firmware v4.3.0.2B05

Problem Resolved:

- Remove STBC function in web
- Malformed Email Notification that is being blocked ALG-enabled Firewall [DUSA20160412000001-USA] (HQ20160414000005)

Firmware v4.3.0.2B04

Problem Resolved:

- WebGUI reboot issue [DI20150611000003-Japan] (HQ20150721000012)
- AP stop process radius request with DWS-3160 [DEUR20150917000002] (HQ20151214000001)

Firmware v4.3.0.2B03

Problem Resolved:

- Wireless clients are getting disconnected very frequently [DI20151224000001-India] (HQ20160108000001)

Firmware v4.3.0.2B02

Problem Resolved:

- Accommodate 32 characters for administrative password in web UI/CLI [DEUR20140905000005]

Firmware v4.3.0.2B01

Problem Resolved:

- DNA does not display subversion [DDP]
- Confirm button of redirect html page [WEB]
- Standalone F/W upgrade Web did not redirect to login page in upgrade timeout case (HQ20151210000013)

New Feature:

- Bonjour across VLAN
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