Firmware Version: V4.3.0.8
Published: Nov 12, 2018

Content:

Revision History and System Requirement:

FW Version	Date	Model	HW	MD5 CHECKSUM
4.3.0.4	25-Apr-2016	DWL-6610AP	A1	43d2b99cc4f0fe8b1342cdcc4936af3d
4.3.0.8	12-Nov-2018	DWL-6610AP	A1	4A57CB7EA3BEB75DAD3A5C326CEE1E62

Important Note:

1. The firmware for DWL-6610AP/A1 is not compatible with DWL-6610AP/B1 hardware. Please **DO NOT** try to install this firmware to DWL-6610AP/B1.

New Features:

Firmware Version	New Features
4.3.0.8	No new feature.
4.3.0.4	Bug Fix
4.3.0.3	1. Initial release 2. Recommend controller/firmware version: DWC-2000 FW v4403 or later version DWC-1000 FW v4412 or later version DWS-4026 FW v4.3.0.3B028 (Beta version) DWS-3160 FW DWS3160_Run_4_4_1_1_A01.had (Beta version) 3. Root Access should be denied for admin CLI user to counter moose vulnerability

Problems Fixed:

Firmware Version	Problems Fixed
4.3.0.8	1. Fix WPA2 KRACK vulnerability. 2. Fix console interface issue. 3. Remove DFS support for Russian domain to comply with regulation. 4. Fix client cannot get IP again from DHCP server when logging out from captive portal. 5. Fix client QoS malfunction when enabling captive portal. [DEUR20180228000002, DEUR20180220000002]
4.3.0.4	1. AP rebooting continuously when we push 5GHz a/n/ac (80MHz) for few countries from wireless controller (DWC1000).

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2. Device is showing incorrect information in Beacons regarding the supported channel width for DWL-8610AP

3. Observed AP is rebooting continuously when changing the country with static channel configuration.

4. Channel list are not displayed for Australia   in 40MHZ- UPPER for 5GHZ

5. SSID is not broadcasting for the 20/40Mhz for the countries like Norway

6. Observed common name and other fields are not proper in certificate while login through Https .

7. Some of the DFS channels are missing in few countries.

8. No validation of properties of SNMPV3 classes from CLI and reboot issue while adding snmpv3 target

9. Periodically occurs high latency issue for 5G

10. Http Certificate Expiration Date is not updating properly when AP is date is set after 2017

11. The time should show correct with respect to the time zone selected at date and time settings page

12. Device should allow the special characters at password from cli and GUI also

13. The offset value should show properly at date and time setting page

14. [SNMP] GUI look and feel issues in SNMPv3 Views, Groups, Users, Targets page

4.3.0.3	1. While capturing packets in AP on radio interface, some ICMP replies are not visible in interface captures (DBG15100154)

Known Issues:

Firmware Version	Issues
4.3.0.8	1. Observed null (zero) values while running the iperf traffic from LAN to WLAN in both the radio (2.4Ghz and 5Ghz). 2. Observed More than 10 continual ping loss while doing fping to internet IP 8.8.8.8 in both radio (2.4Ghz and 5Ghz) with security WPA Personal(AES). 3. Observed more than 10 continual ping loss while doing fping to internet IP 8.8.8.8 for establishing WDS link for 5Ghz.

		4. Observed 10 continual ping loss in Endurance Test - 2.4G/TKIP.
		5. Observed video streaming freezing continuously at Endurance Test – Open-Site – 2.4G.
		6. E-mail alert could fail when using Gmail.
		7. The start up channel in Auto mode become the same mostly.
		8. Sometimes band steering could not be enabled properly.
		9. Using iPerf or IXIA Veriwave to measure the performance, the throughput could be low when the packet size is very small.
		10. Sometimes the 2.4GHz throughput could be very low in open site.
		11. Using iPerf or Veriwave to measure 2.4GHz performance, the throughput could be low when the packet size is small. The WLAN to LAN throughput with WPA2/AES security is quite lower than open mode.
		12. Using iPerf or Veriwave to measure 5GHz performance, the throughput could be low when the packet size is small.
		13. Can't see CSA packet sent by AP when detecting a radar.
		14. Password found encode in ascii (use base64). the password part must be hashed.
4.3.0.4	N/A	
4.3.0.3		1. AP rebooting continuously when we push 5GHz a/n/ac (80MHz) for few countries from wireless controller (DWC1000).
		2. Device is showing incorrect information in Beacons regarding the supported channel width for DWL-8610AP
		3. Observed AP is rebooting continuously when changing the country with static channel configuration.
		4. Channel list are not displayed for Australia in 40MHZ- UPPER for 5GHZ
		5. SSID is not broadcasting for the 20/40Mhz for the countries like Norway
		6. Observed common name and other fields are not proper in certificate while login through Https .
		7. Some of the DFS channels are missing in few countries.
		8. No validation of properties of SNMPV3 classes from CLI and reboot issue while adding snmpv3 target
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Related Documentation:

- DWL-X600AP_X610AP_6700AP_8710AP_X620AP Unified_AP_V6.61(WW)
- DWL-x600AP_CLI Guide_v2.0