



Firmware Version: 4.3.0.2_B042
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Revision History and System Requirement:

Firmware Version	Date	Model	Hardware Version
Runtime: V4.3.0.2_B016	09-Jun-14	DWL-8610AP	A1G
Runtime: V4.3.0.2_B021	15-Oct-14	DWL-8610AP	A1G
Runtime: V4.3.0.2_B042	21-July-15	DWL-8610AP	A1G

New Features:

Firmware Version	New Features
V4.3.0.2_B016	Initial release
V4.3.0.2_B021	No new features
V4.3.0.2_B042	50703 - Need to add support for Facebook wifi auth. 50704 - Need to add support for payment gateway feature (paypal). 50706 - Need to add support for payment gateway feature (authorize.net).

Problems Fixed:

Firmware Version	Problems Fixed
V4.3.0.2_B042	<p>52044 P1 HQ20150421000003 MAC Authentication using Radius is not working based on Radius Server response.</p> <p>51930 P1 Forced roaming feature is not working properly</p> <p>36492 P3 Not able to do snmp walk using custom ports</p> <p>51794 P1 HQ20150602000012 Radius settings are overwritten to 10.90.90.1/NOPASSWORD after AP is managed by DWC-2000</p> <p>51796 P1 Two radio show transmit power to 0 in the packets</p> <p>52010 P1 Root Access should be denied for admin CLI user to counter moose vulnerability</p>
V4.3.0.2_B039	<p>51552 P1 HQ20150128000014 DWL-8610 Reboots Frequently when L3-Tunnel Is Used(Mail thread: "[DWL-8610] Patch for Crash Dump on L3-Tunneling")</p> <p>51553 P1 HQ20150414000020 What is "pMsg->uOP_Code = 224 not support"</p> <p>36670 P1 NA Device should display proper warning message when we configure Default IPv6 Gateway address with invalid ip.</p> <p>36637 P1 NA After deleting the snmpv3 user , snmpv3 target for that user should deleted automatically.</p> <p>51554 P1 NA Increasing the packet priority for bootp packets.</p> <p>50582 P1 HQ20150206000004 5Ghz issue</p> <p>51189 P1 HQ20150504000014 wl command issue</p> <p>51555 P1 HQ20150427000016 DWL-8610 - reboot issue</p> <p>51187 P1 HQ20150504000021 Wrong Radio Interface for Installing Forced Roaming Threshold on UAP</p> <p>51551 P1 NA Removing the unwanted permaconfig changes implemented by Alpha(Mail thread: "Regarding perma config new feature in DWL8610 AP.")</p> <p>51549 P1 NA Wrong firmware version is shown in the altbootver after firmware upgrade(Mail thread: "[DWL-8610] Firmware 4.3.0.2_B037: Upgrade to Both Partitions")</p> <p>51556 P1 NA Need to add support for AC modes in Hong Kong country(Mail thread: "DWC-2000 ---- 11AC Mode for Hong Kong")</p> <p>51544 P1 NA device need to accept ssl certificates with 2048 signature length</p> <p>45894 P1 NA Device is vulnerable for Clickjacking attack.</p> <p>49272 P1 NA No CSRF protection, able to change admin password when clicked csrf.html which is located other than http server</p>

	<p>51547 P1 NA Cookie not marked as secure-only when logging in via https</p> <p>47643 P1 NA No CSRF protection for DWL-6600 webpages</p>
V4.3.0.2_B037	<p>51129 P1 NA Reverting the L3 tunnel changes(mail thread: "[DWL-6600 & DWL-8610AP]: Change Logs for March Month End Cumulative Hotfix Release.")</p> <p>51131 P1 HQ20150407000013 WEB GUI display "error" information after we change channel</p> <p>51132 P1 HQ20150330000016 Invalid source address of L2 Distributed Tunneling Mode on 8610AP while management IP via DHCP</p> <p>51134 P1 HQ20150414000018 Need your help to add the patch in the next hot fix release</p> <p>50580 P1 HQ20150312000016 Unable to capture tx packets on 5G.</p> <p>51135 P1 HQ20150421000015 DWC-2000 power value error after reboot AP</p> <p>50751 P1 HQ20150415000008 DWL-8610 Does Not Accept Some Radio Settings from Controller</p> <p>51137 P1 HQ20150429000005 Hidden SSID</p> <p>51140 P1 HQ20150318000028 WDS configuration</p> <p>51141 P1 NA Mail thread: "Re: FW Upgrade Twice to Upgrade Once"</p> <p>50916 P1 HQ20150212000010 WDS is not working</p>
V4.3.0.2_B036	<p>50713 P1 HQ20150316000007 DNS retransmits when cp is enabled.</p>
V4.3.0.2_B035	<p>NA P1 NA [DWL-8610] Removing Unneeded/Redundate Code</p> <p>50451 P1 NA band steering should be disabled in device factory default condition.</p> <p>50452 P1 NA Need to increase the transmit power for all the countries according to the standards.</p> <p>50453 P1 NA Support to receive the band steering setting from controller</p> <p>50454 P1 NA Support for the permaconfig feature.</p> <p>48132 P1 HQ20150212000010 WDS is not working</p>
V4.3.0.2_B034	<p>50348 P1 HQ20150323000012 DWL-8610AP reboot issue(CP SLA issue)</p> <p>50381 P1 HQ20150305000015 DWC-2000 with DWL-8610& wireless Authentication(DNS issue)</p> <p>50385 P1 HQ20150204000015 DWL-8610AP freeze issue</p> <p>50384 P1 NA The correct power output(mail thread: "RE: Power Table for DWL-8610")</p> <p>50382 P1 NA The throughput issue(mail thread: "[BCM953012ER] Throughput Improvement for Fastpath 6.5.1.1")</p>
V4.3.0.2_B033	<p>50020 P1 HQ20141208000011 DWL-8610AP send the wrong MAC in CP</p>

	<p>with DWC-2k</p> <p>50023 P1 HQ20150202000003 Upgrading Firmware Makes the Certificate Deleted</p> <p>50024 P1 HQ20150224000043 Failed to Send IP Addresses to End Clients when Working with Another AP-in-Client Mode</p>
V4.3.0.2_B02x	<p>B027</p> <p>HQ20140709000006 --- AP will hang up after a period of time running GPL issue: Remove the 'UNKNOWN' string with GPL tarball.</p> <p>B026</p> <p>HQ20141028000009 Multicast over WDS issue[DRU20141024000008-Russia]</p> <p>HQ20140915000010 DWL-8610AP---Channel info not consistent across standalone and managed and spec of DFS[DUSA20140913000002-USA]</p> <p>HQ20140929000020 DWL-8610: Invalid 5GHz Eligible Support Channels Transmit to Switch - [D-Link HQ]</p> <p>HQ20140902000010 DWL-8610: AP Provisioning Does Not Work</p> <p>HQ20141111000011 DWL-8610 - no 80 MHz choosable for country CH</p> <p>HQ20141107000030 DWL-8610 Does Not Randomly Select a Statistics Report Time</p> <p>HQ20140814000015 DWL-8610AP 802.11ac is not advertised when TKIP is enabled[DUSA20140814000001-USA]</p> <p>HQ20140528000009 DWL-8610AP---Low Datarate on AC, WPA2 with TKIP & AES enabled.[DRU20140527000001-Middle East] Make DWL-8610 can do auto rebuild when it upgrade firmware.</p> <p>B025</p> <p>Fix: WiFi Speed Optimization[DLA20140926000001-Latin America] (p.s. 4.3.0.2_B024 didn't fix this bug)</p> <p>B024</p> <p>Fix: WiFi Speed Optimization[DLA20140926000001-Latin America] (p.s. 4.3.0.2_B023 didn't fix this bug)</p> <p>B023</p> <p>Fix: WiFi Speed Optimization[DLA20140926000001-Latin America]</p> <p>B022</p> <p>Fix: Hidden SSID Impacts Beacon Transmission of Other SSIDs (HQ20140915000021)</p>
V4.3.0.2_B021	<ol style="list-style-type: none"> 1. Fix 80MHz support for certain countries [HQ20140925000003] 2. Random reboot [DEUR20140910000012]

3. Naming issue on the GUI under managed mode [[HQ20140919000011](#)]
4. MAC white list issue [[DGC20140730000001](#)]
5. Issue with newer Apple devices where connectivity might be loss after returning from sleep state [[HQ20140718000002](#)]
6. Fix scheduler support [[HQ20140821000006](#)]
7. Slow throughput with certain country code [[HQ20140825000011](#)]
8. Slow throughput with VLAN tags [[HQ20140725000005](#)]
9. Incorrect Bootevn -d altbootver [[HQ20140806000001](#)]
10. Change DDP packet from every 10s to 30s [[HQ20140626000015](#)]
11. Change ARP packet from 10s to 30s [[HQ20140626000015](#)]
12. AP will enter anon-responsive state under certain circumstances [[HQ20140627000005](#)]

V4.3.0.2_B016

Initial release

Known Issues:

Firmware Version	Issues
V4.3.0.2_B042	DBG15070120
	DBG15070080
	DBG15070083
	DBG15070085
	DBG15070086
	DBG15070203
	52435 P1 GUI of the other AP's should be accessible by clicking on the IP Address from the access points table.
	47828 P1 AP is getting reboot continuously when user tries to configure in channel management page in cluster setup.
	47927 P1 Client QOS is not working for the ipv4/Ipv6 type ACL when Action is permit and match every option is disabled
	52378 P2 Not able to access device web UI using IPV6 address
	52429 P2 SNMP functionality is not working on custom ports when configured from CLI across reboot the AP.
	47836 P2 Unable to configure AP password with special characters in Basic settings page
	41643 P2 Need to add support for DDP in AP.
	47748 P1 RF Scheduling functionality is not persisting after reboot of DWL-8610AP as the time settings are getting reset on reboot.
	42020 P1 AP is not showing upgrade process bar and it is showing white page while upgrading the device.
	43067 P2 Expiration Date and Time field is not proper in plan selection page of Payment gateway
	49272 P1 No CSRF protection, able to change admin password when clicked csrf.html which is located other than http server
	49279 P2 Login page Redirection issue in firmware upgrade.
49281 P2 Device is not blocking the access with SSL 3.0 & 2.0 in Google chrome browser	
49299 P2 Hardware version is not showing correctly in D-link network	

assistance tool

49305 P2 Unable to connect wireless client in congested environment.

52428 P2 Device is not showing the ipv6 gateway(radvd) in the GUI but it is showing in the backend.

52425 P2 Login page Redirection issue in firmware upgrade.

52426 P1 Device is not blocking the access with SSL 3.0 & 2.0 in Google chrome,firefox and IE browser

52432 P1 Mark IP Precedence option functionality in Policy Map Configuration page is not working for IPV6

52434 P2 Device is rebooting for 3 times continuously after upgrade.

52427 P1 5 /2.4 Ghz LED blinking even if we power off the respective radio mode.

45894 P1 Device is vulnerable for Clickjacking attack.

47751 P2 Observed controller radio is setting to 802.11 a/n when changing the country code.

52378 P2 Not able to access device web UI using IPV6 address

52399 P1 There is no help content for some fields which present in GUI at radio page.

49279 P2 Login page Redirection issue in firmware upgrade.

52425 P2 Login page Redirection issue in firmware upgrade.

49281 P2 Device is not blocking the access with SSL 3.0 & 2.0 in Google chrome browser

52426 P1 Device is not blocking the access with SSL 3.0 & 2.0 in Google chrome, firefox and IE browser

49299 P2 Hardware version is not showing correctly in D-link network assistance tool

49269 P1 Radio details Inconsistency in VAP statistics page when a VAP is disabled for one of the radio.

52435 P1 GUI of the other AP's should be accessible by clicking on the IP Address from the access points table.

50563 P1 Can see .svn files in firmware build process.

V4.3.0.2_B021

None

V4.3.0.2_B016

None

Related Documentation:

- DWS-x600AP Series Manual
- DWS-x600AP Series CLI Manual