



**Firmware Version:** V4.3.0.3  
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**Content:**

Revision History and System Requirement:.....2

New Features: .....2

Problems Fixed: .....2

Known Issues: .....5

Related Documentation:.....7

## Revision History and System Requirement:

FW Version	Date	Model	HW	MD5 CHECKSUM
V4.3.0.3	14-Jan-2016	DWL-6610AP	A1	616de2b42bd541e6613063489d99a910

## New Features:

Firmware Version	New Features
4.3.0.3	N/A
V4.3.0.2_B052	<ol style="list-style-type: none"> <li>Initial release</li> <li>Recommend controller/firmware version: DWC-2000 FW v4403 or later version DWC-1000 FW v4412 or later version</li> <li>Root Access should be denied for admin CLI user to counter moose vulnerability</li> </ol>

## Problems Fixed:

Firmware Version	Problems Fixed
4.3.0.3	<ol style="list-style-type: none"> <li>54443 DBG15100154 While capturing packets in AP on radio interface, some ICMP replies are not visible in interface captures</li> </ol>
4.3.0.2_B057C	<ol style="list-style-type: none"> <li>54363 HQ20151112000003 IAID and DUID values are coming as garbage values in the DHCPv6 SOLICIT packet sent by AP</li> <li>54347 HQ20151111000017 Ipv4 mask is getting deleted once ap gets ipv6 lease</li> <li>54315 HQ20151007000010 clients are not getting lease with frag_threshold 256</li> <li>51803 [DWL] CVE-2015-1789 OpenSSL: out-of-bounds read in X509_cmp_time</li> <li>51813 [DWL] CVE-2015-1791 OpenSSL: Race condition handling NewSessionTicket</li> <li>53723 Some channel are missing in 5Ghz a/n/ac mode for EU countries.</li> <li>54442 HQ20151102000016 RF Scan report not sent out randomly</li> <li>54444 HQ20151022000009 DWL-8610AP did not receive the</li> </ol>

	bandSteering setting from DWS-4026 correctly all the time
4.3.0.2_B055C	<ol style="list-style-type: none"> <li>52314 Email Alert: from address is not correct in the mail.</li> <li>54070 No model name display in "Device Information" field in DWL-6610AP WebGUI.</li> <li>53659 email alert is not working for specific domains</li> </ol>
4.3.0.2_B053	<ol style="list-style-type: none"> <li>53734 [6600] Qos diffserv rules are not applying properly in the AP.</li> <li>53654 radius request are not sent to wrradius server when ap is state is changing from managed to standalone mode</li> <li>53659 email alert is not working for specific domains</li> <li>52791 Lost ap gui access when configured subnet mask with all zeros</li> </ol>
4.3.0.2_B052	<ol style="list-style-type: none"> <li>53433 Continuous reboot of AP when we select some channels for 5GHz a/n/ac and 2.4GHz mode for few countries.</li> <li>47828 DBG15070062 AP is getting reboot continuously when user tries to configure in channel management page in cluster setup.</li> <li>53411 Device is not blocking the access with SSL 3.0 &amp; 2.0 in Google chrome browser.</li> <li>49269 Radio details Inconsistency in VAP statistics page when a VAP is disabled for one of the radio.</li> <li>53446 [SNMP] Functionality of SNMPv3 Targets is not working as expected.</li> <li>52548 HQ20150617000002 With forced roaming enabled, wireless clients are not able to connect properly if max clients association limit for forced roaming is reached</li> <li>53538 Device is following the first ACL rule only even we have 2 ACL rules for V6 traffic.</li> <li>52663 HQ20150702000013 Australia Country Code should support DFS channels in DWL-APs</li> <li>52159 According to latest 802.11i WPA2 must always enable and WPA &amp; TKIP must be inter-dependent</li> <li>52720 AP is getting constantly rebooted when the config.xml does not get created in the device</li> <li>50563 Can see .svn files in firmware build process.</li> <li>51145 Unable to send test mail</li> <li>52666 DBG15070065 Weird symbols are seen in authentication page</li> <li>52047 Wireless client disconnected automatically during 12 long run in WPA Personal (AES) security mode.</li> <li>52716 80 Mhz 'ac' mode should be supported for India</li> <li>52212 HQ20150625000003 The AP does not accept admin login password</li> </ol>

- that contains special characters.
17. 52314 Email Alert: from address is not correct in the mail.
  18. 52326 DBG15070086 AP hang while using Wireshark for remote capturing the packet.
  19. 52426 Device is not blocking the access with SSL 3.0 & 2.0 in Google chrome, Firefox and IE browser
  20. 52427 5 /2.4 Ghz LED blinking even if we power off the respective radio mode.
  21. 52432 Mark IP Precedence option functionality in Policy Map Configuration page is not working for IPV6
  22. 51965 DWL6610AP: E-mail alert service is not working for 'GMAIL' server.
  23. 51984 Not able to access device gui using IPV6 address
  24. 53579 Unable to push radius server and radius accounting settings to AP when it is managed by controller(DWC-2000)
  25. 53587 Unable to configure radius key field with max. characters(64)
  26. 53377 DUT is not redirecting to login page after changing the password.
  27. 53408 Unable to configure other VAP if one vap is configured only with space character.
  28. 53431 WDS tunnel got established when spanning tree mode configuration is different
  29. 53436 After reboot configuration is not persistence using SNMP set request
  30. 53567 Device should not accept to delete the snmp v3 groups if it contains snmpv3 users
  31. 52428 Device is not showing the ipv6 gateway (radvd) in the GUI but it is showing in the backend.
  32. 53434 Scheduler functionality is not working when Weekend is selected at scheduler profile.
  33. 52378 Not able to access device web UI using IPV6 address
  34. 53626 After click on Generate HTTP SSL Certificate update button , present HTTPS sessions are not getting terminate
  35. 53381 In help content of radio page some extra field is present.
  36. 47927 Client QOS is not working for the ipv4/Ipv6 type ACL when Action is permit and match every option is disabled
  37. 53480 Alert Popup's on entering invalid characters(special symbols) in Fields in Basic settings page are not Displaying
  38. 52694 Not able to access cluster AP Gui using ipv6 address from clustering page if access device using ipv4 address.
  39. 52399 There is no help content for some fields which present in GUI at

	<p>radio page.</p> <p>40. 52430 There is no help content for WEP Security and some fields which present in GUI at VAP page</p> <p>41. 49282 Device is not updating the system time with +offset value.</p> <p>42. 52435 GUI of the other AP's should be accessible by clicking on the IP Address from the access points table.</p>

## Known Issues:

Firmware Version	Issues
4.3.0.3	<ol style="list-style-type: none"> <li>53960 AP rebooting continuously when we push 5GHz a/n/ac (80MHz) for few countries from wireless controller (DWC1000).</li> <li>53537 Email-Alert Functionality is not working for OPEN Security mode.</li> <li>52840 Unable to connect wireless clients(which do not have the mfp capable support) if the MFP is set with capable.</li> <li>53699 Device is showing incorrect information in Beacons regarding the supported channel width for DWL-8610AP</li> <li>53890 Observed AP is rebooting continuously when changing the country with static channel configuration.</li> <li>53478 Channel list are not displayed for Australia in 40MHZ- UPPER for 5GHZ</li> <li>51974 DWL-6610AP: Multicast streaming(vlc video) is freezing for 1 to 2 minutes from WLAN to WLAN</li> <li>54456 SSID is not broadcasting for the 20/40Mhz for the countries like Norway</li> <li>52126 BT traffic stops while running wireless clients on 5GHz when connected to AP.</li> <li>53796 Observed common name and other fields are not proper in certificate while login through Https .</li> <li>53476 Some of the DFS channels are missing in few countries.</li> <li>54443 While capturing packets in AP on radio interface, some ICMP replies are not visible in interface captures</li> <li>53842 No validation of properties of SNMPV3 classes from CLI and reboot issue while adding snmpv3 target</li> </ol>

14. 53889 Neighbor AP'S SSID not shown in DUT AP's "Rogue AP detection" page.
15. 53450 [SNMP] Unable to add duplicate groupname with different security level.
16. 54348 Periodically occurs high latency issue for 5G
17. 54456 SSID is not broadcasting for the 20/40Mhz for the countries like Norway
18. 52431 Unable to configure the maximum characters for Community name for traps and Host name or IP Address in snmp page.
19. 52914 Observed that there is no Copy right notice for all pages in GUI pages
20. 53570 unable to configure more than 63 characters at Hostname, IPv6 hostname and Community name for traps fields as supports 256 characters
21. 53637 Http Certificate Expiration Date is not updating properly when AP is date is set after 2017
22. 53421 The time should show correct with respect to the time zone selected at date and time settings page
23. 53424 Device should allow the special characters at password from cli and GUI also
24. 49279 Login page Redirection issue in firmware upgrade.
25. 53497 No validation for some of the Broadcast IP addresses in Management ACL page.
26. 53503 [CLI] No validation for Broadcast/Multicast IP addresses for Management ACL when configured from CLI
27. 53536 Observed some extra field in Email-alert Help page.
28. 53546 SNMP requests are not processed for 2-3 minutes when SNMPv3 targets are added/removed in the device
29. 53409 Some CLI command not showing proper output
30. 53576 There is no help for 'auto' option of STBC mode in AP radio page
31. 53418 The offset value should show properly at date and time setting page
32. 53447 [SNMP] Help content regarding the maximum users that can be added in the SNMPv3 user page is not available.

33. 53448 [SNMP] GUI look and feel issues in SNMPv3 Views, Groups, Users, Targets page
34. 53452 [NTP] GUI look and feel issue when configuring DST for non-applicable countries
35. 36632 Proper Error message is not shown when user try to upload invalid ssl certificates or valid certificates with wrong server ip
36. 48005 Able to configure the fields in Email alert page even the admin mode is disabled.
37. DBG15100260 More than 10 continual PING loss when we ping GW and Internet in 2.4G AES endurance test
38. DBG15100261 More than 10 continual PING loss when we ping GW and Internet in 5G AES endurance test
39. DBG15100262 More than 10 continual PING loss when we ping GW and see some error message when client ping to Internet in 2.4G WDS endurance test
40. DBG15100263 Frame size 88 throughput doesn't pass the criteria in 802.11n mode.
41. DBG15100264 Frame size 88 5G throughput doesn't pass the criteria in 802.11n and 802.11ac mode.
42. DBG15100265 Frame size 1518 5G throughput doesn't pass the criteria in 802.11ac mode when traffic mapping is from Ethernet to Wireless.
43. DBG15100288 More than 10 continual PING loss when we ping GW and see some error message when client ping to Internet in 5G WDS endurance test

### **Related Documentation:**

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