



OS Version: 4.3.0.2_WW
4.3.0.2_RU

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Revision History and System Requirement:

Firmware Version	Date	Model Hardware	History
4.3.0.2_WW 4.3.0.2_RU	12 Aug 2014	DWC-1000 A1/B1	1. Security Vulnerability Addressed OpenSSL vulnerability (CVE-2014-0224)
4.3.0.1_WW 4.3.0.1_RU	17 July 2014	DWC-1000 A1/B1	1. New AP support 2. Bug fix 3. Based on 4.2.0.6_B501
4.2.0.6_WW_B303 4.2.0.6_RU_B303	11 Apr 2014	DWC-1000 A1	1. DUSA20140204000002 2. Security Vulnerability Addressed
4.2.0.6_WW_B201 4.2.0.6_RU_B201	11 Mar 2014	DWC-1000 A1/B1	1. Bug fix 2. Security Vulnerability Addressed
4.2.0.6_WW 4.2.0.6_RU	03 Mar 2014	DWC-1000 A1/B1	1. Add firmware MD5 checksum info 2. Update "Important Notes" 3. Update "Notes for Configuration Auto-Backup/Restore in USB Storage"
4.2.0.6_WW 4.2.0.6_RU	30 Dec 2013	DWC-1000 A1/B1	1. Security Vulnerability Addressed
4.2.0.3_WW 4.2.0.3_RU	27 June 2013	DWC-1000 A1	1. Update Known Issue
4.2.0.3_WW 4.2.0.3_RU	1 Apr 2013	DWC-1000 A1	1. Security Vulnerability Addressed
4.1.0.2_10222W 4.1.0.2_10222R	22 May 2012	DWC-1000 A1	
4.1.0.2_10204W 4.1.0.2_10204R	1 Feb 2012	DWC-1000 A1	
1.01B67_WW 1.01B67_RU	26 Dec 2011	DWC-1000 A1	

Firmware Details:

Image Version	HW	MD5 Checksum
DWC-1000_A1_FW_4.3.0.2_WW	A1	6f953a582b9baa9daf7d1d0416369adc
DWC-1000_A1_FW_4.3.0.2_RU	A1	06ffd64a757609784e95837d9391bff6
DWC-1000_B1_FW_4.3.0.2_WW	B1	568a9a67945b2a9c59099430b3d05722
DWC-1000_B1_FW_4.3.0.2_RU	B1	96a35810a08e409734d90c090bcc5772

Important Notes:

1. A firmware region mismatch between RU and WW images now is forbidden. System will check and block firmware upgrade process, such as firmware upgrade from RU→WW or WW→RU image.

2. Below are new functions and will be available after upgrading FW to v4.2.0.3 or later.

Website Filter	Content Filtering
	Approved URLs
	Blocked Keywords
	Export
	Category filtering

Website Filter feature (Content Filtering/ Approved URLs/ Blocked Keywords/ Export) needs DWC-1000-VPN/ DWC-1000-VPN-LIC license upgrade.

Category Filtering feature needs DWC-1000-WCF-12 or DWC-1000-WCF-12-LIC license upgrade.

3. B1 firmware is not backward compatible with HW A1, please make sure the hardware version is correct before upgrading firmware for DWC-1000.
4. Hardware B1 supports **Web Recovery Mode** whenever there is firmware damage on DWC-1000, or manually access it by following steps: Power off the DWC-1000, press and hold the reset button, then power on and keep hold the reset button for over 15 seconds, the DWC-1000 will enter the Web Recovery Mode either.

```

Clearing DRAM..... done
BIST check passed.
Starting PCI
PCI Status: PCI 32-bit
PCI BAR 0: 0x00000000, PCI BAR 1: Memory 0x00000000 PCI 0xf8000000
Net: octeth0, octeth1, octeth2

Hit any key to stop autoboot: 0 .....

!!! Entering Http Recovery Mode !!!

Interface 0 has 3 ports (RGMII)
uip init ...
IP address is: 192.168.1.1
httpd init ...
fs_init(Entry)
NetState: 1
octeth0: Up 1000 Mbps Full duplex (port 0)
    
```

The IP address will be 192.168.1.1, and make sure to setup same IP segment for your PC/NB then access the Web Recovery Mode via browser.



Notes for Configuration Auto-Backup/Restore in USB Storage:

D-Link DWC Unified Controller support configuration backup or restore automatically while a USB drive is inserted. Following information instructs what condition will perform backup/restore.

1. The configuration will be automatically backed up to the USB drive as soon as the USB drive is inserted. The configuration file name format is <Model Name>_<Serial Number>.cfg.
2. The system LED on the DWC blinks 5X in amber to indicate a backup operation has started.
3. The configuration in the USB drive can be updated if the user manually clicks 'Save Settings' in any GUI page and provided the Model Number and the Serial Number of the DWC matches with the file already present in the USB drive.
4. In case of reboot, the DWC checks for the presence of configuration file (with format ModelName_SerialNumber.cfg). If found, the configuration from the USB drive is restored on the DWC. If a configuration file with the correct format is present in both connected USB drives, the configuration from the first USB drive will be used to restore the DWC.
5. The USB drive can have only one configuration with the above mentioned format for each model name.
6. If the USB drive is plugged in to the DWC which is in factory default state, then during reboot, no backup is taken since no custom configuration file exists in the DWC by that time. The custom configuration is stored on the USB drive once the user clicks Save Settings in any GUI page.

Upgrading Instructions:

Upgrading by using Web-UI

For installation details and upgrade instructions, please refer to the Firmware Upgrades chapter

in the *DWC-1000 User Manual ver. 1.01*.

New Features:

Firmware Version	New Features															
4.3.0.2_WW 4.3.0.2_RU	<p>1. CLI command Update</p> <p>Example: Setting LAN IP and DHCP server via CLI command</p> <p>*****</p> <pre> D-Link DWC> net lan ipv4 configure net-config[lan-ipv4]> static address 192.168.110.11 net-config[lan-ipv4]> static subnet_mask 255.255.255.0 net-config[lan-ipv4]> save net-config[lan-ipv4]> .top D-Link DWC> net dhcp-pool-config add net-config[pool-config]> vlanid 1 net-config[pool-config]> start_address 192.168.110.130 net-config[pool-config]> end_address 192.168.110.160 net-config[pool-config]> save net-config[pool-config]> .top D-Link DWC> net lan ipv4 configure net-config[lan-ipv4]> dhcp mode DHCP-Server net-config[lan-ipv4]> dhcp default_gw 192.168.110.11 net-config[lan-ipv4]> save net-config[lan-ipv4]> .top </pre> <p>*****</p>															
4.3.0.1_WW 4.3.0.1_RU	<p>1. DWL-8610AP Support (DWL-8610_FW_v_4.3.0.2_B016)</p> <p>2. Delete/deactivate licenses via CLI command</p> <p>*****</p> <pre> D-Link DWC> license clear </pre> <p>*****</p> <p>3. The Max AP database number is 4 times of Max Managed AP number supported on DWC-1000.</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>AP license</th> <th>Default</th> <th>AP6 x 1</th> <th>AP6 x 2</th> <th>AP6 x 3</th> </tr> </thead> <tbody> <tr> <td>Max AP database</td> <td>24</td> <td>48</td> <td>72</td> <td>96</td> </tr> <tr> <td>Max Managed AP</td> <td>6</td> <td>12</td> <td>18</td> <td>24</td> </tr> </tbody> </table>	AP license	Default	AP6 x 1	AP6 x 2	AP6 x 3	Max AP database	24	48	72	96	Max Managed AP	6	12	18	24
AP license	Default	AP6 x 1	AP6 x 2	AP6 x 3												
Max AP database	24	48	72	96												
Max Managed AP	6	12	18	24												
4.2.0.6_B303_WW 4.2.0.6_B303_RU	N/A															

4.2.0.6_B201_WW 4.2.0.6_B201_RU	N/A
4.2.0.6_WW 4.2.0.6_RU	N/A
4.2.0.3_WW 4.2.0.3_RU	<ol style="list-style-type: none"> 1. Captive Portal enhancements 2. WCF with License support 3. WLAN Wizard enhancements 4. VPN Failover support 5. DWL-2600AP support 6. WLAN Visualization enhancements 7. Additional Authentication Mechanisms 8. Hotspot support 9. WDS support
4.1.0.2_10222W 4.1.0.2_10222R	<ol style="list-style-type: none"> 1. Add Auto Refresh check box on AP monitoring pages. 2. In Valid AP page Radio section Automatic power drop down section 0 should be replaced by Profile
4.1.0.2_10204W 4.1.0.2_10204R	<ol style="list-style-type: none"> 1. Integrated WLAN module v 4.1.0.2 2. Compatible with DWL-8600AP, DWL-6600AP and DWL-3600AP firmware v 4.1.0.x. 3. Compatible with DWL-8600AP firmware v 3.x.x.x for AP discovery and firmware upgrade 4. Advanced VLAN, includes MAC VLAN, Protocol VLAN, Voice VLAN, Double VLAN, and GVRP 5. Advanced QoS, includes Policy-based LAN QoS, Port Shaping Rate, Flow Control, and Auto VoIP 6. Customized captive portal page on WLAN Captive Portal 7. MIB support (Firmware Upgrade, Configuration Backup, Configuration restore and system properties) 8. RADIUS server integration for PAP and CHAP
1.01B67_WW 1.01B67_RU	This version compatible with DWL-8600AP firmware v4.1.x.x.

Problems Fixed:

Firmware Version	Problems Fixed
4.3.0.2_WW 4.3.0.2_RU	<ol style="list-style-type: none"> 1. OpenSSL CCS Injection vulnerability (man-in-the-middle attack) <p>Security Vulnerabilities Addressed: OpenSSL before 0.9.8za, which allows man-in-the-middle attack, and consequently hijack sessions or obtain</p>

sensitive information.

Reference: CVE-2014-0224

<http://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2014-0224>

https://www.openssl.org/news/secadv_20140605.txt

Solution: Update OpenSSL patch to 0.9.8za that addresses the vulnerability.

2. Sync DWS-4026 Auto Channel Algorithm Patch at 5GHz Issue (DI20140507000005)
3. JAVA update for wireless controller



4. [DEUR20140603000004][HQ20140604000004] DWC-1000 & DWL-2600AP - issue with WPA key after DWC-reboot
5. [DEUR20140522000001][HQ20140523000004] DWC-1000 - CP time doesn't count down in browser after logging
 - a. [44444] Usage time will get count down automatically without clicking the "F5" button or refresh button. (Resolved in v4302)
 - b. In **View Accounts** page of FrontDesk, after pressing the "F5" or refresh button in IE11 browser, the FrontDesk user is re-directing to login page (get logged out). (v4302 **didn't** include this IE11 support enhancement)
6. [DEUR20140106000001][HQ20140218000024] DWC-1000 - maximum detected client limit too low
7. [DEUR20140605000008][HQ20140624000021] DWC-1000 - time CP - expired used won't be deleted (Temporary user cannot login CP page when the daylight saving was enabled)

4.3.0.1_WW
4.3.0.1_RU

1. [DEUR20140131000006][HQ20140205000020] CLI error while configuring SSID.
2. [DEUR20140305000004][HQ20140306000015] DWC-1000 VPN LIC - issue with upload at german eMail provider (gmx.de/gmx.net)
3. [DRU20140430000002][HQ20140507000013] Problem with the Epson

	<p>1945W projector (Issue resolved: Cannot upgrade firmware for 2600AP via DWC-1000)</p> <p>4. Memory leak issue (Spontaneously reboot every 2.5 - 3 hours, or sometimes reboot randomly)</p>
<p>4.2.0.6_B303_WW 4.2.0.6_B303_RU</p>	<p>1. [DUSA20140204000002][HQ20140219000015] Unacceptable Download Speeds Using the DWL-2600AP Controlled by the DWC-1000.</p> <p>2. Security Vulnerabilities Addressed: Null byte injection attack in URL. Reference: http://www.ultsec.com/null-byte-attack.php Solution: Avoid parsing the null byte in URL and send back that requested URL is not there.</p>
<p>4.2.0.6_B201_WW 4.2.0.6_B201_RU</p>	<p>1. [DEUR20140117000008][HQ20140120000016] DWC-1000 - password issue. Security Vulnerabilities Addressed: Using the character "\$" in the login password causes the password to get truncated to only the characters prior to it, potentially shortening and simplifying the original password. This only affects the CLI login, Web login is not affected and can accept the "\$" character in the password login. Reference: N/A Solution: Fixed CLI login to recognize the "\$" character properly.</p> <p>2. [DI20130821000001][HQ20130823000011] Cannot configure RADIUS Accounting.</p> <p>3. [DRU20140116000005][HQ20140114000010] Fail to use 5G channel on country code in Russia.</p> <p>4. [DEUR20140131000006][HQ20140205000020] CLI error while configuring SSID.</p>
<p>4.2.0.6_WW 4.2.0.6_RU</p>	<p>1. [DI20130404000005][HQ20130408000025] CLI issue and request.</p> <p>2. [DI20130405000001][HQ20130408000014] RADIUS Use Network Configuration cannot be disabled in CLI.</p> <p>3. [DI20130327000006][HQ20130328000003] The maximum number of AP can be registered into local valid DB.</p> <p>4. [DI20130108000020][HQ20130109000007] Internet Throughput (PPPoE).</p> <p>5. [DEUR20130426000003][HQ20130426000017] SNAT Issue.</p> <p>6. HTTP 500 Error</p> <p>a. [DRU20130708000006][HQ20130709000013]</p> <p>b. [DEUR20130708000003][HQ20130730000015]</p> <p>c. [DI1208120001]</p>

7. [DEUR20130410000003][HQ20130411000011] captive portal, billing.
8. [DEUR20130412000004][HQ20130424000016] DWC-1000 LDAP, DSR-1000N PPTP.
9. LDAP Issue
 - a. [DEUR20130412000004][HQ20130424000016] DWC-1000 LDAP, DSR-1000N PPTP
 - b. [DEUR20130528000001][HQ20130530000017] DWC-1000 - CP with AD LDAP integration
 - c. [DEUR20130523000012][HQ20130530000014] LDAP doesn't work
10. [38483][DEUR20130531000007][HQ20130603000006] DWC-1000 -NT-Domain & AD integration.
11. [DI20130329000002][HQ20130401000007] Do not support 802.11an or 802.11bgn for country code KR.
12. [DEUR20130507000003][HQ20130510000004] create corrupted config file – doesn't save config.
13. [DI1208120001] SNMP Trap Enhancement (P-Force/Ilya Narodetsky).
14. [DI20130404000001][HQ20130408000013] Warning displays by command to add RADIUS.
15. [DI1208120001][HQ20130508000011] No Response on SNMP Query issue, workaround is to configure "Syscontact" and "SysLocation" fields and DWC-1000 will start passing SNMP query. (P-Force/Ilya Narodetsky).
16. [DRU20130620000005][HQ20130621000011] WDS Status & notifications.
17. [DEUR20130621000009][HQ20130624000009] Hotspot mode kernel panic.
 - Maximum Local Database Users: 400
 - Maximum Billing Profile Users: 256
18. [HQ20130702000010] Continuous case for DWC LDAP server checks issue.
19. [DEUR20130621000007][HQ20130624000005] DWC1000 - remote logging via eMail.
20. [DEUR20130722000010][HQ20130802000002] WLAN Visualization doesn't work.
21. Browser issue
 - a. [DEUR20130523000001][HQ20130409000009] AP profile applying with IE10 and Chrome.
 - b. [DI20130409000001][HQ20130409000009] Peer Controller Configuration Request does not start.

22. Temporary Account Enhancement
 - a. [DEUR20130410000003][HQ20130411000011] captive portal, billing (an existing ticket cannot be deleted)
 - b. [DEUR20130611000003] DWC-1000 – How to delete CP temporary user
 - c. [DEUR20130424000010][HQ20130425000002] DWC-1000 - CP with Ticketing - How to log CP users?
23. [HQ20130812000006] billing account users are not getting expired.
24. [DEUR20130715000001][HQ20130715000008] DWC-1000 - CP with POP3 auth not working.
25. [HQ20130708000010] The DWC Generated the wrong number of billing users account.
26. [DI20130716000001][HQ20130716000019] Full tunnel failed on DWC with DSR..
27. [DEUR20130613000007][HQ20130805000004] DWC-1000 - CP issue with guest users.
28. [DUSA20130608000002][HQ20130621000018] Captive Portal (Page does not refresh and redirect).
29. [DEUR20130430000005][HQ20130502000010] Customized CP doesn't work with mobile devices.
30. [DEUR20130708000003][HQ20130730000015] DWC-1000 - Cluster problems.
31. [DRU20130718000003][HQ20130723000010] DWC-1000: DHCP relay issue.
32. [DEUR20130912000005][HQ20130913000006] multiple subnets show.
33. [DEUR20130213000002][HQ20130218000031] DWC-1000 & ALL APs - several issues with Peering.
34. Vulnerability reported by DEU (nu11.nu11@yahoo.com 2013-08-18) Network access to the router ports 443 and 23.

Security Vulnerabilities Addressed: Devices respond clients some unnecessary information, and hence give hackers a chance to get a non-persistent root shell.

Reference: CVE-2013-5945, CVE-2013-5946

<http://packetstormsecurity.com/files/124319/D-Link-DSR-Router-Remote-Root-Shell-Overview.html>

<http://dl.packetstormsecurity.net/1312-advisories/dlinkdsrrouter-writeup.txt>

http://web.nvd.nist.gov/view/vuln/search-results?query=Dlink&search_type=all&cves=on

	<p>Solution: Remove all unnecessary root user account</p> <p>35. [DEUR20130906000003][HQ20130909000005] DWC-1000 - PPTP Routing similar to case DEUR20120814000019</p> <p>36. [HQ20131001000009] "show system dashboard" command in CLI is not showing up with any value, until we go the status general page in GUI</p> <p>37. [DRU20130620000009][HQ20130621000008] DWC-1000: Country code and 802.11n issue</p> <p>38. [DI20130902000002][HQ20131204000011] Created time of temporary user is showing GMT time only after changing GMT + local time also</p>
<p>4.2.0.3_WW 4.2.0.3_RU</p>	<ol style="list-style-type: none"> 1. [DEUR20121030000003][HQ20121016000005] Device management 2. Not able to upload .csv file into the device in DWC-1000 3. [HQ20130218000043] click enter in system check page will auto logout 4. [DEUR20121126000009][HQ20121127000016] VLAN problem (L2 VLAN discovery) 5. [HQ20121023000015] name and password in Captive portal login page are changing to unreadable format 6. [DEUR20121206000011][HQ20121210000014] 'Change password' option when user log in over CP 7. [DEUR20130122000009][HQ20130124000014] SSID CaptivePortal is not working in L3 Network Setup 8. Fix CP Profile Usage Status display. Enabled and Disabled. 9. After enabling the DHCP server from CLI if we try to re enable it from GUI device is not allowing to enable LAN DHCP-Server without configuring WINS server. 10. Kernel panic DHQ reported. 11. Wireless security parameters for WPA/WPA2 are showing wrong in SSID page. 12. Idle timeout and session timeout for captive portal users is not working with custom SSID after reboot. 13. UPnP vulnerabilities reported by DJP. 14. [HQ20130110000001] Device is not re-directing to particular captive portal page configured for a SSID from wireless client. 15. [HQ20130104000010] In IE9(64 bit) Authentication server options are greyed out in Captive portal SSID setup page. 16. CLI command didn't show all info. (UDP Connection limit/ Allow Ping from LAN). 17. [HQ20130130000029] Need to change the file name of 'teamf1.cfg.ascii' file to 'dwc.cfg.ascii' in DWC configuration.

18. [DBG13020040][DBG13020037] Need to add a red warning message in category filtering settings while enabling category filtering to mention content filtering settings will be impacted when category filtering is enabled.
19. [DLA20120816000003][HQ20130104000007] Captive Portal profile settings are not reflecting in IE9 (64 bit). (CP customization does not work on all browsers)
20. [DGC20121129000001][HQ20121128000012] Cannot delete users after upgrading from 4.1.0.2-10222 to 4.1.0.2-10261W.
21. [DGC20121101000003][HQ20121102000001] Need support for Logs when user login to the captive portal.
22. [DEUR20120816000013] Remote management port 443 issue, changing the default setting to port 4443.
23. [DLA20120811000002][HQ20120814000010] Disable "Block TCP flood" by default setting.
24. [HQ20130104000009] Admin user session is timed out when after clicking on preview button in captive portal setup page in I.E browser.
25. [HQ20120924000006] Can we telnet to the DSR, DWC through WAN
26. [DLA20120912000002][HQ20120912000003] How to create a configuration script
27. [DEUR20121128000007][HQ20121129000015] Backdoor/security issue. (nu11.nu11@yahoo.com 2012-11-25)
Security Vulnerabilities Addressed: Persistent root access.
Reference:
<http://packetstormsecurity.com/files/118355/D-Link-DSR-250N-Backdoor.html>
Solution: Removed CLI commands that could allow someone to overwrite the super user password and gain root access to the device. Root user account will be completely removed in the next firmware version.
28. [DEUR20120709000008][HQ20120710000014] Can't configure global action in client authentication
29. [DLA20120816000003][HQ20120817000016] High Customized Captive Portal
30. [HQ20120921000002] Urgent DWC break down after the user try to authenticate with the RADIUS server.
31. [DGC20120907000004][HQ20120911000002] Device is redirecting to captive portal logout page while trying to access internet.
32. [DEUR20120724000007][HQ20120725000006] Check box for selecting

	<p>SSID's in AP profile--Configure SSID's page are greyed out when the hardware type for AP profile is selected as DWL-3600.</p> <p>33. [DEUR20120710000006][HQ20120711000010] Unable to configure WPA/WPA2 key with special characters from Advanced --> SSID page.</p> <p>34. [HQ20120928000003] Device is displaying '500 internal server error' while trying to login to captive portal with radius authentication when radius server contains additional info for user in users file.</p> <p>35. [HQ20121009000003] While device is rebooting able to see weird logs in the device shell.</p>
<p>4.1.0.2_10222 W 4.1.0.2_10222 R</p>	<ol style="list-style-type: none"> 1. AP L2 VLAN discovery is not support. 2. Unable to establish tunnel in L2 distributed Tunneling Mode. 3. While getting the firmware version using the mib browser region code is missing. 4. Device is not showing Firmware version with region in CLI. 5. GUI is displaying firmware version without WW in SSL VPN client page after login. 6. Sometimes a pop-up window shows up with Captive Portal Login page 7. In Advanced page, wording is abnormal. It shows options like 'Submit' and 'Don't Save Settings', instead 'Submit' and 'Don't Submit Settings'. 8. GUI look and feel is not good in "poll list", "local oui database" and in Edit Channel/Power of manual management pages. 9. Clicking on the traffic dashboard page, the very first time after a power-cycle of the box, may result in an internal error page. 10. Traffic not following flow based QoS policy for default services and custom service added with type "BOTH". 11. Clustering support for customized captive portal is not supported. 12. Captive Portal disconnect management is not working. 13. System log is not working 14. [DBG11110021] In CLI in the warning message 'The de-authentication attack is disabled' the character "T" is missing. 15. [DBG11110301] The captive portal created profiles are not listed on captive portal interface association page 16. [DBG11110305] After disconnecting the captive portal session manually from the GUI of the device still able to run the traffic from wlan host without further authentication 17. [DBG11110308] There should be one verification mode for captive Portal for lan side and wlan side 18. [DBG11110309] The defined captive portal profiles cannot be applied on

	<p>WLAN interface.</p> <ol style="list-style-type: none"> 19. [DBG11120016]SAVE SETTINGS button is shown as SUBMIT in SNMP Trap and Distributed tunneling pages. 20. [DBG11110094] The descriptions for distributed tunneling page to be updated. 21. [DBG11110092] There is no description on WAN CP Interface Association page. 22. [DBG11110029] AP Hardware Capability List only shows DWL-8600AP on WEB, but CLI can shows all 8600AP, 3600AP and 6600AP. 23. [DBG12020124] "Dhcp" word must be displayed in capital letters in lan dhcp leased clients page 24. [DEUR20120402000003][DUSA20120321000002] SSID setup page has critical text errors on WPA and WPA2. It is also mapping to D-track case 25. [DEUR20120402000003] Access the page of All AP Status without authentication. 26. Help content need to be updated available for some WLAN pages. 27. External Authentication support in wired captive portal is not available. 28. <Spec Update> IPv6 address AP discovery/ management/ monitoring are not support. 29. <Spec Update> L3 tunnel (IP-IP tunnel) is not support and Help content related to L3 tunnel (IP-IP tunnel) to be removed 30. <Spec Update> Centralized L2 Tunnel and IP-IP tunnel are not supported 31. <Spec Update> Remote storage via USB is not supported
<p>4.1.0.2_10204 W 4.1.0.2_10204 R</p>	<ol style="list-style-type: none"> 1. Blank webpage of AP Profile> Configuration SSID on IE browser 2. LOGIN CAPTIVE PORTAL page that is opened for wireless clients should be the one from CAPTIVE PORTAL SETUP page 3. Not able to get IPv4/IPv6 address and GUI is not accessible when device is in stateful mode. 4. Alignment issue in security key for wlan-wizard 5. Firmware query link to be removed from checklist page (hidden page). 6. After disconnecting the captive portal session manually from the GUI of the device still able to run the traffic from wlan host without further authentication. 7. Not able to push configuration among clustering peer group 8. Graphic missed on webpage of Dashboard> Access Point 9. Wrong mark on the menu while on the webpage Device Info> Device Status 10. Wrong mark on the menu while on the webpage Global> SNMP Trap

	11. Wrong mark on the menu while on the webpage USB Settings> USB SharePort
1.01B67_WW 1.01B67_RU	None

Known Issues:

Firmware Version	Known Issues
4.3.0.2_WW 4.3.0.2_RU	<ol style="list-style-type: none"> 1. [25560][DBG12050195] "In some web pages (ex AP Profile_Radio), devices does not show 'Operation Successfully' after save settings. 2. [31946][DBG12050169] "DWC WEB GUI still logout after some time operation (randomly), needs to login again to use." 3. [24510][DEUR20121022000001][HQ20121023000001] Guest privilege 4. [40950] - Captive portal page not showing forced login page for already login users. 5. [33701] - Able to access corresponding websites if we block Violence / Undesirable, Government Blocking List, Remote Control/Desktop and Crime / Terrorism categories 6. [33603] - User is able to access the blocked sites which are configured in Category filtering page using proxy sites 7. [24340] - SSL tunnel is getting dropped after around 8 minute of continuous traffic. Device Name & Model DLink & DWC 1000 8. [DEUR20140522000001][HQ20140523000004] DWC-1000 - CP time doesn't count down in browser after logging <ol style="list-style-type: none"> b. In View Accounts page of FrontDesk, after pressing the "F5" or refresh button in IE11 browser, the FrontDesk user is re-directing to login page (get logged out). (v4302 didn't include this IE11 support enhancement)
4.3.0.1_WW 4.3.0.1_RU	<ol style="list-style-type: none"> 1. [25560][DBG12050195] "In some web pages (ex AP Profile_Radio), devices does not show 'Operation Successfully' after save settings. 2. [31946][DBG12050169] "DWC WEB GUI still logout after some time operation (randomly), needs to login again to use." 3. [24510][DEUR20121022000001][HQ20121023000001] Guest privilege 4. [40950] - Captive portal page not showing forced login page for already login users. 5. [33701] - Able to access corresponding websites if we block Violence /

	<p>Undesirable, Government Blocking List, Remote Control/Desktop and Crime / Terrorism categories</p> <ol style="list-style-type: none"> 6. [33603] - User is able to access the blocked sites which are configured in Category filtering page using proxy sites 7. [24340] - SSL tunnel is getting dropped after around 8 minute of continuous traffic. Device Name & Model DLink & DWC 1000 8. OpenSSL CCS Injection vulnerability (man-in-the-middle attack) <p>Reference: CVE-2014-0224 http://web.nvd.nist.gov/view/vuln/detail?vulnId=CVE-2014-0224 https://www.openssl.org/news/secadv_20140605.txt</p> <p>Solution: We will update OpenSSL patch to 0.9.8za that addresses the vulnerability on next hotfix, say DWC-1000_FW_4.3.0.1_B101 or DWC-1000_FW_4.3.0.2.</p>
<p>4.2.0.6_WW 4.2.0.6_RU</p>	<ol style="list-style-type: none"> 1. [25560][DBG12050195] "In some web pages (ex AP Profile_Radio), devices does not show 'Operation Successfully' after save settings. 2. [31946][DBG12050169] "DWC WEB GUI still logout after some time operation (randomly), needs to login again to use." 3. [24510][DEUR20121022000001][HQ20121023000001] Guest privilege 4. RAIUDS Accounting feature issue
<p>4.2.0.3_WW 4.2.0.3_RU</p>	<ol style="list-style-type: none"> 1. [36709][DI20130108000020][HQ20130109000007] Internet Throughput (PPPoE) (4203_B003) 2. [25560][DBG12050195] "In some web pages (ex AP Profile_Radio), devices does not show 'Operation Successfully' after save settings. This is not user-friendly design. Please check 3. [31946][DBG12050169] "DWC WEB GUI still logout after some time operation (randomly), needs to login again to use." 4. [24510][DEUR20121022000001][HQ20121023000001] Guest privilege 5. [36190] Not all of the captive-portal Configuration is synchronized across the cluster 6. [36000] After Upgrading from 238/234 image to Latest image, Captive Portal SSID Configuration will persist in backend, but in GUI it shows disabled. As a work around, user needs to disable and enable the Captive Portal on SSID 7. Firmware downgrade suggestion 4.2.0.3>4.1.0.10>4.1.0.2. If downgrading firmware from 4.2.0.3 to 4.1.0.2_10222 directly, the

	<p>LAN LED won't display normally and CLI prompt neither, the workaround is to press physical reset button. And the precaution is that reset to factory default before downgrading from 4.2.0.3 to 4.1.0.2_10222.</p>
<p>4.1.0.2_10222W 4.1.0.2_10222R</p>	<ol style="list-style-type: none"> 1. Port queue priority handling for multiple streams on congested port is not supported. 2. Client QoS is not supported 3. WLAN Visualization is not support, image download is not supported 4. [24387] Option-2 port duplex settings issue. 5. [24432] IPsec, SMTP and DNS ALG's not working correctly 6. Redirect to URL functionality is not working. 7. [26946] WAN should be displayed as option, Wan1 as option1 and Wan2 as option2 in CLI 8. [27848] Captive Portal session deleting when we add a policy. 9. [27924] Unable to upload the easy VPN file into the device. 10. [28073] Not displaying CP Users list in users page of peer switch 11. GUI dropdown does not contain these services: AOL, DHCP-Relay, Syslog, SQN-netv1, SQN-netv2, TCP-ANY, FTP-get , Netmeeting, H.323, L2TP, NTP, LDAP, Real video, Real Media Firewall. 12. The Double vlan functionality is not working. 13. Traffic not following QoS with VLAN's. 14. [28488] After Scrolling the drop down menu, the table name's(RF Scan AP/Detected clients) are disappearing in visualization Launch page 15. 192.168.12.0/24 reserves for IPSec VPN IP pool.
<p>4.1.0.2_10204W 4.1.0.2_10204R</p>	<ol style="list-style-type: none"> 1. IPv6 address AP discovery/ management/ monitoring is not support. 2. AP L2 VLAN discovery is not support. 3. L3 tunnel is not support and Help content related to L3 tunnel to be removed 4. Port queue priority handling for multiple streams on congested port is not supported. 5. Centralized L2 Tunnel and IP-IP tunnel are not supported 6. Help content need to be updated available for some WLAN pages. 7. Client QoS is not supported 8. Clustering support for customized captive portal is not supported. 9. Remote storage via USB is not supported 10. WLAN Visualization, image download is not supported 11. Captive Portal disconnect management is not working.

	<ol style="list-style-type: none"> 12. System log is not working 13. Add sorting, filtering, searching operations to View logs page. 14. Option-2 port duplex settings issue. 15. External Authentication support in wired captive portal is not available. 16. IPsec, SMTP and DNS ALG's not working correctly 17. Redirect to URL functionality is not working. 18. WAN should be displayed as option, Wan1 as option1 and Wan2 as option2 in CLI 19. WLAN CP Login page pop-up issue 20. Keep alive tunnel functionality in IPSEC configuration is not working 21. Captive Portal session deleting when we add a policy. 22. Unable to upload the easy vpn file into the device. 23. Not displaying CP Users list in users page of peer switch 24. GUI dropdown does not contain these services: AOL, DHCP-Relay, Syslog, SQN-netv1, SQN-netv2, TCP-ANY, FTP-get ,Netmeeting, H.323, L2TP, NTP, LDAP, Real video, Real Media Firewall. 25. The Double vlan functionality is not working. 26. Traffic not following QOS with VLAN's. 27. Traffic not following flow based QoS policy for default services and custom service added with type "BOTH." 28. WLAN visualization Should support graph and building location 29. Unable to access the WLAN visualization Launch page when opened from wan side. 30. After Scrolling the drop down menu, the table name's(RF Scan AP/Detected clients) are disappearing in visualization Launch page 31. The device firmware version is not displayed correctly in SSL portal and Captive portal pages.
<p>1.01B67_WW 1.01B67_RU</p>	<ol style="list-style-type: none"> 1. DWL-6600AP/ DWL-3600AP management are not supported 2. Centralized L2 Tunnel and IP-IP tunnel are not supported 3. Help content need to be updated available for some WLAN pages. 4. Advanced VLAN and Advanced QoS are not supported 5. Client QoS is not supported 6. Remote storage via USB is not supported 7. WLAN Captive Portal customization is not supported 8. WLAN Visualization, image download is not supported 9. Captive Portal disconnect management is not working. 10. Blank webpage of AP Profile> Configuration SSID on IE browser 11. System log is not working

12. Add sorting, filtering, searching operations to View logs page.
13. Option-2 port duplex settings issue.
14. External Authentication support in wired captive portal is not available.
15. IPsec, SMTP and DNS ALG's not working correctly
16. The GUI page alignment in "poll list", "local oui database" and in Edit Channel/Power of manual management pages shall be changed.
17. Idle time functionality is not working for the Wlan pages.
18. Redirect to URL functionality is not working.
19. WAN should be displayed as option, Wan1 as option1 and Wan2 as option2 in CLI
20. Proposed channels assignments didn't work in [When specific](#) page
21. WLAN CP Login page pop-up issue
22. LOGIN CAPTIVE PORTAL page that is opened for wireless clients should be the one from CAPTIVE PORTAL SETUP page
23. Keep alive tunnel functionality in IPSEC configuration is not working
24. Captive Portal session deleting when we add a policy.
25. Unable to upload the easy vpn file into the device.
26. Not able to get IPv4/IPv6 address and GUI is not accessible when device is in stateful mode.
27. Alignment issue in security key for wlan-wizard
28. Not displaying CP Users list in users page of peer switch
29. GUI dropdown does not contain these services: AOL, DHCP-Relay, Syslog, SQN-netv1, SQN-netv2, TCP-ANY, FTP-get ,Netmeeting, H.323, L2TP, NTP, LDAP, Real video, Real Media Firewall.

Related Documentation:

- DWC-1000 User Manual ver.1.01
- DWC-1000 CLI Reference Guide ver. 1.01