

**DX3301-T0 Generic
EX3301-T0 Generic
DX3300-T0 Generic
EX3300-T0 Generic**

Firmware Release Note

V5.50(ABVY.3.4)C0

Date: Nov. 23, 2022

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Reviewer:

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Revision History

Date	Release	Author	Description
2020/06/19	1.0	GuanHong Chen	FW release for V5.50(ABVY.0)b1
2020/08/14	1.1	GuanHong Chen	FW release for V5.50(ABVY.0)b2
2020/09/30	1.2	GuanHong Chen	FW release for V5.50(ABVY.0)b3
2020/10/22	1.3	GuanHong Chen	FW release for V5.50(ABVY.0)b4
2020/11/12	1.4	GuanHong Chen	FW release for V5.50(ABVY.0)b5
2020/12/11	1.5	Ralph Chien	FW release for V5.50(ABVY.1)b1
2021/01/22	1.6	Ralph Chien	FW release for V5.50(ABVY.1)b2
2021/03/18	1.7	Ralph Chien	FW release for V5.50(ABVY.1)b3
2021/03/22	1.8	Ralph Chien	FW release for V5.50(ABVY.1)b4
2021/04/06	1.9	Ralph Chien	FW release for V5.50(ABVY.1)b5
2021/06/18	2.0	Ralph Chien	FW release for V5.50(ABVY.1)b6
2021/07/14	2.1	Ralph Chien	FW release for V5.50(ABVY.1)C0
2021/09/17	2.2	Ralph Chien	FW release for V5.50(ABVY.2)b1
2021/11/05	2.3	Ralph Chien	FW release for V5.50(ABVY.2)b2
2021/11/12	2.4	Ralph Chien	FW release for V5.50(ABVY.2)b3
2021/12/20	2.5	Ralph Chien	FW release for V5.50(ABVY.2)b4
2022/01/10	2.6	Ralph Chien	FW release for V5.50(ABVY.2)b5
2022/01/26	2.7	Ralph Chien	FW release for V5.50(ABVY.2)C0
2021/10/15	2.8	Ralph Chien	FW release for V5.50(ABVY.3)b1
2021/11/19	2.9	Ralph Chien	FW release for V5.50(ABVY.3)b2
2021/12/29	3.0	Ralph Chien	FW release for V5.50(ABVY.3)b3
2022/03/10	3.1	Ralph Chien	FW release for V5.50(ABVY.3)b4
2022/04/26	3.2	Ralph Chien	FW release for V5.50(ABVY.3)b5
2022/06/01	3.3	Ralph Chien	FW release for V5.50(ABVY.3)b6
2022/06/15	3.4	Ralph Chien	FW release for V5.50(ABVY.3)C0
2022/06/29	3.5	Ralph Chien	FW release for V5.50(ABVY.3.1)b1

2022/06/29	3.6	Ralph Chien	FW release for V5.50(ABVY.3.1)C0
2022/11/16	3.7	Ralph Chien	FW release for V5.50(ABVY.3.3)b1
2022/11/16	3.8	Ralph Chien	FW release for V5.50(ABVY.3.3)C0
2022/11/23	3.9	Ralph Chien	FW release for V5.50(ABVY.3.4)b1
2022/11/23	4.0	Ralph Chien	FW release for V5.50(ABVY.3.4)C0

Zyxel DX3301-T0 Generic Zyxel EX3301-T0 Generic Zyxel DX3300-T0 Generic Zyxel EX3300-T0 Generic V5.50(ABVY.3.4)C0 Release Note

Date: Nov. 23, 2022

Supported Platforms:

Zyxel DX3301-T0

Zyxel EX3301-T0 (DX3301-T0 remove VD WAN)

Zyxel DX3300-T0(DX3301-T0 remove VoIP)

Zyxel EX3300-T0(DX3301-T0 remove VD WAN and VoIP)

Versions:

Bootbase version : V1.44 | 10/15/2021 11:54:15

Firmware version : V5.50(ABVY.3.4)C0

Kernel version: 3.18.21

DSL code version: V5.12.26.0_220218

WLAN code version: MT7915D 7.1.0.2

3G dongle WWAN package version: 1.24

Extender:

Product: Zyxel WX3100-T0

Firmware version: V5.50(ABVL.1)C0

MProMesh APP:

iOS: V2.2.2_220114

Android: 2.1.0

Notes:

Public Domain Software Announcements

Open Source Used In Product	Version	From (Source)	License Terms	Modified / Used
atftp	0.7.1	https://sourceforge.net/projects/atftp/	GPLv2	Modified
bridge-Utills	1.5	https://git.kernel.org/pub/scm/linux/kernel/git/shemminger/bridge-utils.git/	GPLv2	Modified
busybox	1.20.1	https://busybox.net/	GPLv2	Modified
clinkc	2.4	https://sourceforge.net/projects/clinkc/	BSD	Modified
conntrack-tools	1.4.3	https://git.netfilter.org/conntrack-tools/	GPLv2	Used
dnsmasq	2.78	http://www.thekelleys.org.uk/dnsmasq/doc.html	GPLv2/GPLv3	Modified
dropbear	2018.76	https://github.com/mkj/dropbear	MIT	Modified
ebtables	2.0.10-4	https://git.netfilter.org/ebtables/	GPLv2	Modified
eventlog	0.2.10	https://github.com/balabit/eventlog	BSD	Used
expat	1.95.8	https://github.com/libexpat/libexpat	MIT	Used
ez-ipupdate	3.0.11b8	http://ez-ipupdate.com/	GPLv2	Modified
gettext	0.16	http://www.gnu.org/software/gettext/	GPLv2	Used
glib	2.37.7	http://www.gtk.org/	LGPLv2	Used
iproute2	2.6.33	https://github.com/shemminger/iproute2	GPLv2	Modified
iptables	1.4.21	https://git.netfilter.org/iptables/	GPLv2	Modified
jpegsrcc	v9a	http://www.iijg.org/	IJG	Used
json-c	0.13.1	https://github.com/json-c/json-c/downloads	MIT	Modified
libedit	20080712-2.11	http://pkgs.fedoraproject.org/repo/pkgs/libedit/libedit-20080712-2.11.tar.gz/	BSD	Modified
libffi	3.0.11	http://pkgs.fedoraproject.org/repo/pkgs/libffi/libffi-3.0.11.tar.gz/	MIT	Used
libiconv	1.11.1	http://www.gnu.org/software/libiconv/	LGPLv2	Modified
libnetfilter_conntrack	1.0.4	https://git.netfilter.org/libnetfilter_conntrack/	GPLv2	Used
libnetfilter_queue	1.0.2	https://git.netfilter.org/libnetfilter_queue/	GPLv2	Used
libnfnethlink	1.0.1	https://git.netfilter.org/libnfnethlink/	GPLv2	Used

libnl-tiny	0.1	https://github.com/openwrt/openwrt/tree/master/package/libs/libnl-tiny	GPLv2/LGPLv2.1	Used
libpcap	1.1.1	www.tcpdump.org	BSD	Used
libtool	2.4	http://www.gnu.org/software/libtool/	GPLv2	Used
libusb	1.0.9	https://sourceforge.net/projects/libusb/	LGPL 2.1	Used
libstrophe	0.10.0	https://github.com/strophe/libstrophe	GPLv2	Used
Linux/Arm Kernel	4.1.52			Modified
logrotate	3.7.1	https://launchpad.net/ubuntu/hardy/i386/logrotate/	GPLv2	Modified
mailsend	1.17b15	https://github.com/muquit/mailsend/	BSD	Modified
ncurses	5.7	http://ftp.gnu.org/pub/gnu/ncurses/	MIT	Modified
net-snmp	5.7.2	http://www.net-snmp.org/	ISC/BSD	Modified
ntfs-3g	2013.1.13	http://ntfs-3g.org	GPLv2/LGPLv2	Used
ntpclient	2007_365	http://doolittle.icarus.com/ntpclient/	GPLv2	Modified
openssl	1.1.1b	http://www.openssl.org	OpenSSL	Modified
popt	1.16	http://rpm5.org/files/popt/	MIT	Modified
ppp	2.4.3	http://www.roaringpenguin.com/pppoe	GPLv2/BSD	Modified
pure-ftpd	1.0.30	http://pureftpd.org	ISC/BSD	Modified
radvd	1.8	http://www.litech.org/radvd/	BSD	Used
readline	5.2	http://cnswww.cns.cwru.edu/php/chet/readline/rltop.html	GPLv2	Used
samba	3.6.25	http://www.samba.org/samba/	GPLv3	Modified
sqlite	3.6.23.1	http://www.sqlite.org/	Public Domain License	Used
syslog-ng	2.0.10	https://github.com/balabit/syslog-ng	GPLv2	Used
tcpdump	4.2.1	http://www.tcpdump.org/	BSD	Used
udhcp	0.9.8	http://udhcp.busybox.net/	GPLv2	Modified
usb-modeswitch	2.1.0	http://www.draisberghof.de/usb_modeswitch/	GPLv2	Used
util-linux	2.21.2	https://github.com/karelzak/util-linux/	GPLv2	Used
wide-dhcpv6	20080615	https://sourceforge.net/projects/wide-dhcpv6/	BSD	Modified
zebra	0.93a	http://www.zebra.org/	GPLv2/LGPLv2	Used
zlib	1.2.7	https://github.com/madler/zlib	zlib	Used

Known issues

Modifications in V5.50(ABVY.3.4)C0

Base on V5.50(ABVY.3.4)b1 to release V5.50(ABVY.3.4)C0 FCS

[FEATURE ENHANCEMENT]

[BUG FIX]

Modifications in V5.50(ABVY.3.4)b1

Base on V5.50(ABVY.3.3)C0 to release V5.50(ABVY.3.4)b1

[FEATURE ENHANCEMENT]

[BUG FIX]

1. [Security 4.2.9] Unsafe User-Controlled Configuration Data (SMB)
2. Zyxel-SI-1433 [Vulnerability] Buffer overflow vulnerabilities and command injection vulnerability
3. Zyxel-SI-1441 [Vulnerability] Hidden SSID and symbolic Links in ftpd

Modifications in V5.50(ABVY.3.3)C0

Base on V5.50(ABVY.3.3)b1 to release V5.50(ABVY.3.3)C0 FCS

[FEATURE ENHANCEMENT]

[BUG FIX]

Modifications in V5.50(ABVY.3.3)b1

Base on V5.50(ABVY.3.1)C0 to release V5.50(ABVY.3.3)b1

[FEATURE ENHANCEMENT]

1. [eits #221001582] DHCP table with dhcp client leased times left
2. [eits #221000973] DELT test doesn't work

[BUG FIX]

1. [eits #221000971] IPV6 part of the PPPoE doesn't work after some reconnections.
2. [eits # 220900106]IPv6 GUI Display Problem
3. [Security 4.2.9] Unsafe User-Controlled Configuration Data (SMB)
4. Zyxel-SI-1433 [Vulnerability] Buffer overflow vulnerabilities and command

injection vulnerability

Modifications in V5.50(ABVY.3.1)C0

Base on V5.50(ABVY.3.1)b1 to release V5.50(ABVY.3.1)C0 FCS

[FEATURE ENHANCEMENT]

[BUG FIX]

Modifications in V5.50(ABVY.3.1)b1

[FEATURE ENHANCEMENT]

[BUG FIX]

1. [OPAL Generic] GUI Create more than one interface group, the 2nd or latest group name will show empty.

Modifications in V5.50(ABVY.3)C0

Base on V5.50(ABVY.3)b6 to release V5.50(ABVY.3)C0 FCS

Modifications in V5.50(ABVY.3)b6

[FEATURE ENHANCEMENT]

1. [OPAL Generic] GUI translation_ES_NL

[BUG FIX]

1. [WAN] CPE set as Multi-WAN (PPPoE: VLAN 201 (Default GW) + IPoE: VLAN 301) and then CPE VLAN 201 WAN will get VLAN 301 PPPoE IP address after re-connect (Disconnect & Connect button).
2. [Security] CPE happen "Invalid memory segment access" after Create Certificate Request

Modifications in V5.50(ABVY.3)b5

[FEATURE ENHANCEMENT]

[BUG FIX]

1. [Vulnerability] Infinite loop in BN_mod_sqrt() of OpenSSL when parsing

certificates

2. [TR143] Perform upload/download diagnostic, ACS doesn't indicating the Event code "8 DIAGNOSTICS COMPLETE" in the Inform message.
3. [WAN] Ethernet model default status, wan cannot get IPv6 address.
4. [WAN] Ethernet model IPoE change to PPPoE, broadband page will show WWAN interface
5. [WWAN] Ethernet model WWAN cannot work.
6. [Route] Ethernet model RIP pge will show WWAN interface.
7. [eITS 220301500] Can't change ip mode to IPv4_only
8. [IGMP] WLAN can not play VLC channel.
9. [WLAN] 5G Guest SSID switch button doesn't link with 2.4G Guest SSID behavior when onessid is enable.
10. [WLAN] Disable onessid function, enable 5G guest1 SSID via general page or inside card page, the outside card page still display off.
11. [LAN] The CPE LAN side RA packets flags are always show M bit = 0 , O bit = 1 even user change to another IPv6 address assign method
12. [Vulnerability][Generic] cleartext storage of sensitive information vulnerability
13. [eITS 220300571] telnet daemon seems to suffer from same dropbear issue as ssh daemon, see for example ticket 200500187
14. [QoS] The priority queue can not work if no upstream bandwidth limited by Ethernet WAN.
15. [MPro Mesh] The host type of all clients display "Desktop" in L2 informaiton.

Modifications in V5.50(ABVY.3)b4

[FEATURE ENHANCEMENT]

1. [OPAL Generic] Italian GUI translation
2. [OPAL Generic] GUI translation_DE_RU
3. [OPAL Generic] French GUI translation
4. [OPAL Generic] Portuguese GUI translation
5. [eITS #220300139] support for lan dhcp option 43 suboptions using cwmp to forward acs url
6. [eITS #220100965] Support LAN DHCP option 43 suboptions to forward acs url
7. [OPAL Generic] Disable the FTP function
8. [OPAL Generic] Change WPS button trigger condition

[BUG FIX]

1. [eITS #220200960][VPN] pptp passthrough speed limit
2. [eITS #220201027] After FW-Update MTU is set to 0 and all services no longer work
3. [MPro Mesh_Agent] WiFi clients connection type often switch to "Wired" type
4. [GUI] In Wireless page, the GUI block special character behavior are not consistency between SSID & Password field
5. [eITS #220100868][System] Data collected and sent from F-Secure demons when function disabled
6. [WAN] Link VDSL is pppoe mode can get IP address then change to link ADSL, internet LED will not green blinking.
7. [Parental Control] When user add more than 12 parental control rules, GUI warning message should modify.
8. [System] Uncheck Random Password but without set the Password, DUT should dump warning message and reject to set
9. [System] ZyEE is up and then delete ZyEE, user can not create the same ZyEE again
10. [WAN] In IPoE mode and no RA environment, CPE still send option request in solicit packet when Other Information From DHCPv6 Server is disabled.
11. [System] Via CLI to install net-snmp in ZyEE fail
12. [eITS #220100036][system] Setting for DHCP option 125 are not correct in the default-configuration file
13. [WLAN] Wireless 5G guest1 can not enable from card page
14. [NAT] Unable to add 254 IPv6 Static Route rules when WAN is connected
15. [WLAN] WLAN 2.4G link rate always shows 144Mbps, when 802.11 Mode is configured to 802.11b only, 802.11g only or 802.11 b/g Mixed.
16. [WLAN] Check special chars \$ " ' ` ; can't set on SSID.
17. [System] When WAN Encapsulation is PPPoE, restore file will cause CPE works abnormally
18. [System] The Enable of EE should display as "False" or "false" when create an EE and not enable it
19. [USB] DMC can NOT play rmvb file normally
20. [WAN] Unable to add a PPPoA WAN interface.
21. [WLAN] Upgrade DUT form MESH non-support to support version, Mesh

default will be disabled

22. [WLAN] WLAN Station Status page cannot display the connected WLAN 5G station status correctly.

Modifications in V5.50(ABVY.3)b3

[FEATURE ENHANCEMENT]

1. [OPAL Generic][TR-069] WiFi 802.11 mode parameter change.
2. [OPAL] support new FW version format for spin release.
3. [eITS 210900906] Disable DHCP server if all of the binding WAN are bridge.
4. [OPAL Generic] Rom-covert behavior for Mesh FW.
5. Upgrade OPENSSL to 1.1.1b.
6. [eITS 210401010][OPAL Generic] enabling guest-network via gui.
7. [eITS 211001230] Automatically enable TR-69 when ACS URL received via DHCP Option43.
8. [eITS 210901337][VoIP] Hold "R" key does not work.
9. [eITS 210500325] L2TP logging.
10. [eITS 210500323] L2TP client should start automatically after CPE boots and maintain the connection.

[BUG FIX]

1. [eITS 211200990] Disabling EasyMesh will enables OneSSID.
2. [eITS 211200752] EX3301-T0_Under Traffic Status NAT feature is blank, not showing status.
3. [MESH] Upgrade from non-support Mesh FW to Mesh supported FW, behavior is wrong.
4. [eITS 211200294][GUI] Admin account cannot see parental control page
5. [TR-069] The default value of "InternetGatewayDevice.X_ZYXEL_LifeMoteAgent.State" is "RUNNING".
6. [TR-069] The Name of Trusted CA is not complete if CPE download CA via TR-069.
7. [GUI] The information of the new Bridge WAN show incorrectly in system info page.
8. [WLAN] Default 2.4G wireless 802.11 mode display null value.
9. [GUI] DUT blocks port forwarding rules with different originating IP.
10. [L2TP] Modify the L2TP rule once, will disconnect from the L2TP server, but if modified 3~4 times. CPE will crash.

11. [WAN] Enable DHCP option 120 of IPoE WAN, but there' no option120 in DHCP packets.
12. [eITS 211100068] Wrong sequence of vlan auto hunt
13. [eITS 211100551] Pause Internet Feature in MPro
14. [WAN] According to the capability of the USB dongle or the current link status, the WWAN icon can display "4G".
15. [WAN] Default DSL modulation is wrong
16. [eITS 210901346][TR-069] The TR69 X_ZYXEL_Wireless_Mode for 5Ghz Band AX Mixed mode acceptable value is not consistent
17. [System] EE of ZyEE can not work because can not enable EE.
18. [eITS 211200010] Apple sync not working.
19. [Security]Fix wireless SSID vulnerability.

Modifications in V5.50(ABVY.3)b2

[FEATURE ENHANCEMENT]

[BUG FIX]

1. [Wi-Fi throughput] The 5G Wi-Fi bi-direction UDP throughput should not lower than previous FW version [For 1 client] [Packet Size: 1518]
2. [ZyPark] The CPE should not happen call trace within 72 hr at ZyPark

Modifications in V5.50(ABVY.3)b1

[FEATURE ENHANCEMENT]

1. support ZyEE container
2. support L2TP
3. [OPAL Generic] Media Server GUI Change
4. [eits #200301509] Increase Parental Control Profile entries
5. [eits #210401527] Configure available cards in web-gui
6. [eits #210200123] Feature FDPS at our VDSL2 devices should be enabled by default
7. [eits #210200785] PCP (Port Control Protocol) support

[BUG FIX]

1. [eits #210601879] ACS Server communication not works with specific configuration

2. [eits #210700890] Static DHCP IP address bug
3. [eits #210601604] Static DHCP IP address bug
4. [eits #210601861] router lifetime invalidated for a short while on DHCPv6-renew
5. [eits #210600461] disable or optimize client check
6. [eits #210801029] DNSv6 of WAN cannot get IP
7. [eits #210800919] cannot set static DNSv6 IP via TR098
8. [eits #210601930] DS-Lite setting missing Automatically configured by DHCP
9. [eits #210900169] Multicast messages not sent to STB
10. [eits #210601911] [ZYDE] Use under Language correct country names
11. [eits #210700601] System Info German language Schnittstellenbetriebszeit
12. [eits #210400299] Support 4G Compatibility of Dongles DLINK-DWM-222 A2
13. [eits #210901346] The TR69 X_ZYXEL_Wireless_Mode for 5Ghz Band AX Mixed mode acceptable value is not consistent
14. [GUI] WiFi password cannot input spaces on Card page

Modifications in V5.50(ABVY.2)C0

Base on V5.50(ABVY.2)b5 to release V5.50(ABVY.2)C0 FCS

Modifications in V5.50(ABVY.2)b5

[BUG FIX]

1. [MPro Mesh] Shielding room B Multy Pro stress test environment, after 2.5 days it will lead all clients to disconnect

Modifications in V5.50(ABVY.2)b4

[FEATURE ENHANCEMENT]

1. Lifemote support

[BUG FIX]

1. [MPro Mesh_Agent] Most of end user connection type are often switch to wireless or wire type
2. [MPro Mesh] Shielding room B Multy Pro stress test environment, after 2.5 days WX3100_AP pwr led keep blinking and end devices has exceeded the number Controller/AP/RP have to connected
3. [MPro Mesh] Shielding room B Multy Pro stress test environment, all clients

will to connect Extender AP/RP but it without any client connected to Controller

4. [MPro Mesh] In Mesh stress testing period, WX3100_AP & RP Agent occur auto reboot issue.
5. [eits #211200010] Apple sync not working
6. [eits #211200899] idle iPhone disconnects from wifi
7. [eits #211200901] ios upgrade not possible on certain fw
8. [eits #210901329] [WAN] Default DSL modulation is wrong
9. [eits #211200294] Parental control feature is missing under security in the WEB GUI.
10. [MPro Mesh_Agent] Client sometimes can't surf the internet when it connected under Extender_RP Agent (occurs three times)
11. [MPro Mesh] Set the last character of SSID to be blank, wifi beacon will send duplicate SSID.

Modifications in V5.50(ABVY.2)b3

[BUG FIX]

1. [MPro Mesh] Shielding room B Multy Pro stress test environment, after all clients connected at a moment it will cause "zyMAPSteer" daemon does not work.

Modifications in V5.50(ABVY.2)b2

[BUG FIX]

1. [MPro Mesh] Band steering wireless users do not have any steering records after waiting for a long time at the test point.
2. [MPro Mesh] The SSID of Main and Guest cannot be set additional characters "~!@#\$\$%^&", It will pop up warning message.
3. [WAN] Unable to add a PPPoA WAN interface.
4. [VoIP] The call history should not filter Blocked Incoming/Outgoing.
5. [MPro Mesh] AP roaming, The mobile phone will be displayed as "Stale = Yes" after moving to layer 2 extender
6. [MPro Mesh_Agent] Most of end user connection type are often switch to wireless or wire type
7. [MPro Mesh_Agent] Can't use APP when CPE from non-EasyMesh fw upgrade to support EasyMesh

Modifications in V5.50(ABVY.2)b1

[FEATURE ENHANCEMENT]

1. [eits #210700877] Manual set DHCPv6 IANA & IAPD without RA msg.

[BUG FIX]

1. [MPro Mesh_Agent] Client detail information (WiFi channel, Max Speed and RSSI) sometimes display "updating" sometimes display normal by randomly
2. [MPro Mesh_Agent] According APP 2.2 Feature Enhancement, Generic FW does not support MESH Up/Down
3. [MPro Mesh_Agent] Client does not display "Blocked" in APP when Controller set a block schedule rule by WebGUI
4. [MPro Mesh] 2G/5G bounce occurred when test band steering
5. [MPro Mesh_Agent] Extender name sometimes will change to Controller name
6. [MPro Mesh] GPV: InternetGatewayDevice.LANDevice.1.Hosts. ,if extender_RP under 2nd layer, some of values are return incorrect.
7. [Wireless] WMM of SSID1~4 cannot be disabled.

Modifications in V5.50(ABVY.1)C0

Base on V5.50(ABVY.1)b6 to release V5.50(ABVY.1)C0 FCS

Modifications in V5.50(ABVY.1)b6

[FEATURE ENHANCEMENT]

1. [GUI] Multi-language GUI for OPAL generic GW+Extender

[BUG FIX]

1. [eits #210500507] [EX3300-T0] Cannot detect Wifi 5Ghz
2. [eits #201201049] [DX3301-T0] WiFi upload throughput cannot reached 800 Mb/s
3. [Security] DeAgg & DeFrag Attacks
4. [Stress] DUT happens call trace right after config zypark setting and multiple wifi client connect.
5. [MPro Mesh] ZyPark Multy Pro stress test environment, it will cause controller hang on.
6. [MPro Mesh] DX3301 and WX3100 WiFi Backhaul throughput test failed.

7. [MPro Mesh] AP roaming, The mobile phone will be displayed as "Stale = Yes" after moving to layer 2 extender

Modifications in V5.50(ABVY.1)b5

[BUG FIX]

8. [eits #210400147][LAN] IPV6 showing NA _LAN can't accept IPv6 addr
9. [eits #210400148][WAN] IPV6 showing NA _After release/renew PPP connection, CPE has IPv6 WAN IP but GUI show N/A
10. [eits #210400146][WAN] IPV6 showing NA _WAN can't accept DNSv6
11. [MPro Mesh] GUI or TR disable MESH will cause the extender signal LED to go out
12. [MPro Mesh] Wifi security key will display plain text on console message.
13. [MPro Mesh] ZyPark Multy Pro stress test environment, it will cause controller hang on
14. [MPro Mesh] All Guest wifi are disabled but it still display up in Steering status page.
15. [MPro Mesh_Agent]Client detail information (WiFi channel, Max Speed and RSSI) always display "updating" when client connect controller or extender2.4G wifi
16. [MPro Mesh_Agent] Some clients change to APP Guest Devices region even the Guest WiFi is disable
17. [WLAN] The default setting of WLAN security mode should be changed to WPA3-SAE/WPA2-PSK

Modifications in V5.50(ABVY.1)b4

[BUG FIX]

1. [MPro Mesh] Modify DX3301 wifi setting, it will cause zyMAPSteer daemon disapper.

Modifications in V5.50(ABVY.1)b3

[BUG FIX]

1. [MPro Mesh_Agent] During testing APP normal function sometimes "ZyMAPSteer" daemon disappear
2. [MPro Mesh_Agent] EX3301 add Mesh (extender) failed
3. [MPro Mesh] Onboarding AP_Agent first then onboarding RP_Agent, DX3301 occurs call trace and p1905_managerd_init fail. And mesh

topology will display empty.

4. [MPro Mesh_Agent]Disconnect some end devices over 10 minutes, but they are still keep in Devices list page via online status
5. [MPro Mesh_Agent] Some clients change to APP Guest Devices region even the Guest WiFi is disable
6. [MPro Mesh] All Guest wifi are disabled but it still display up in Mesh topology(zyslctl -a) & Steering status page.
7. [MPro Mesh] AP roaming, The information will disappear after mobile phone is moved to the extender.
8. [eits #210200062] [DX3301-T0] Client connect WiFi 2.4 GHz has issue
9. [Security] Add parental control rule, DUT will show WAN PC on client list
10. [Vulnerability] Critical security vulnerabilities.
11. [LED] Turn off 2.4G/5G WLAN, 2.4G LED will remain solid green
12. [#210100667] Dnsmasq multiple vulnerabilities (DNSPooq)

Modifications in V5.50(ABVY.1)b2

[FEATURE ENHANCEMENT]

1. Wifi reminder enable.
2. Support Gen2 for parent control function

[BUG FIX]

13. [System] After upgrading FW from "Remote Privilege" not supported FW, "Remote Privilege" will change to LAN only
14. [WAN] The portmirror page have duplicate interface.
15. [WLAN] Check and uncheck Radom Password in card page -> WiFi Settings page, DUT will empty the WiFi Password, if click Save button in this time DUT will generate an unknown random WiFi Password and save it.
16. [WAN] IPv6 Only mode, the System Info card page of VDSL WAN show connection down. (AD/VD/Eth)
17. [WAN] When WAN is Bridge mode, WAN Information show incorrectly on system info page.
18. [WLAN] The default setting of WLAN security mode should be changed to WPA3-SAE/WPA2-PSK
19. [TR-069] The content of IGD.DeviceSummary includes xDSL information for EX model.
20. [TR-069] The content of IGD.DeviceInfo.Description includes xDSL information for EX model.

21. [WAN] Config static IPv6 wan ip will cause GUI display error.
22. [System] Enable button of ZlogSetting function can't be enabled
23. [VLAN auto hunt] The VLAN auto hunt can not works at IPoE/PPPoE WAN.
24. [LAN] LAN PC cannot ping and Login DUT with Link Local Address Type as Manual.
25. [WLAN] Suggest to change the description of wireless general page when security is support WPA3-SAE/WPA2-PSK.

Modifications in V5.50(ABVY.1)b1

[FEATURE ENHANCEMENT]

1. Support EasyMesh.

[BUG FIX]

Modifications in V5.50(ABVY.0)b5

[FEATURE ENHANCEMENT]

[BUG FIX]

1. Add hwdep co-fw feature for DX/EX3301-T0_Generic
2. Refine co-fw mechanism for non-VoIP Projects

Modifications in V5.50(ABVY.0)b4

[FEATURE ENHANCEMENT]

[BUG FIX]

1. [VoIP] VoIP Stress (Make continuous call via Abacus 100) happen 3 times call trace
2. [VoIP] After overnight test, the call drop should not occurs
3. [Wireless] WMM of SSID1~4 cannot disable.
4. [VoIP] 3-Way-Conference happen call trace and reboot.
5. [Wireless] The 5G Tx thput is less than b2, (QAM is 64)
6. [Wireless] Use the phone to connect DUT, go to the WLAN Station Status page to check Rate (Mbps), the rate super low.
7. [WPS] The system call trace without reboot during test WPS method3.

Modifications in V5.50(ABVY.0)b3

[FEATURE ENHANCEMENT]

[BUG FIX]

1. [GUI] By default ,DUT is no IGMP/MLD function.

Modifications in V5.50(ABVY.0)b2

[FEATURE ENHANCEMENT]

[BUG FIX]

1. [LAN] LAN IPv6 Prefix change from "Delegate Prefix" to "Static", LAN will display old address.
2. [Wireless] 5G Bandwidth should right.
3. [Wireless] WMM of SSID1~4 cannot disable.
4. [Wireless] Use care page to disable 5G more AP, wifi client still can connect it.
5. [Wireless] Modify 2.4G SSID, 5G client can't link down.
6. [USB] CPE doesn't support MaxProcesses for SAMBA.
7. [GUI] Go to the connection status page and to set wifi setting, Disable Enable 2.4G or 5G Wifi, GUI will still continuous loading.
8. [GUI] By default ,DUT is no IGMP/MLD function
9. [DST] GUI default settings aren't matched with default setting table.
10. [WAN] In PPPoA mode, system info does not display correct IPv6 information.
11. [WAN] PPPoE Up time always show "0 days 0 hours 0 minutes" when 3G WWAN up.
12. [WAN] DSL Link Mode – ADSL2 Rx link rate is too low and Annex M cannot be disabled.
13. [PPPoE] DUT suddenly happen call trace and reboot after PPPoE - On Demand idle timeout.
14. [System] Firmware Kernal checksum did not match with release note.
15. Can't login to GUI if replace supervisor/admig password from backup config file.
16. [VoIP] It should not stopped when DUT during 72 hour VoIP stress test via Abacus.
17. [VoIP] The GUI should support VoIP (Early Media , Music On Hold , IVR)

function.

18. [TR-069] Upload log via ACS server will return 9016 fault code.

19. [TR-069] Reboot + change PPP username/password via ACS server will happen call trace.

Modifications in V5.50(ABVY.0)b1

First firmware release

[FEATURE ENHANCEMENT]

[BUG FIX]