

**DX3301-T0 Generic
EX3301-T0 Generic
DX3300-T0 Generic
EX3300-T0 Generic
EX3200-T0 Generic
DX3300-T1 Generic
EX3300-T1 Generic**

Firmware Release Note

V5.50(ABVY.6.2)C0

Date: Apr. 18, 2025

Author: Ralph Chien

Reviewer: Ryan Yeh

THIS DOCUMENT CONTAINS PROPRIETARY TECHNICAL INFORMATION THAT IS THE PROPERTY OF THE Zyxel AND SHOULD NOT BE DISCLOSED TO OTHERS IN WHOLE OR IN PART, REPRODUCED, COPIED, OR USED AS BASIS FOR DESIGN, MANUFACTURING OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION OF Zyxel.

TABLE OF CONTENTS

REVISION HISTORY..... 3

SUPPORTED PLATFORMS:..... 5

VERSIONS: 5

NOTES:..... 6

KNOWN ISSUES..... 10

NOTIFICATION..... 11

MODIFICATIONS IN V5.50(ABVY.6.2)C0..... 11

MODIFICATIONS IN V5.50(ABVY.6.2)B1..... 11

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
2023/02/24	4.1	Ralph Chien	FW release for V5.50(ABVY.4)b1
2023/04/28	4.2	Ralph Chien	FW release for V5.50(ABVY.4)b2
2023/06/16	4.3	Ralph Chien	FW release for V5.50(ABVY.4)b3
2023/07/28	4.4	Ralph Chien	FW release for V5.50(ABVY.4)b4
2023/08/21	4.5	Ralph Chien	FW release for V5.50(ABVY.4)b5
2023/09/01	4.6	Ralph Chien	FW release for V5.50(ABVY.4)C0
2023/10/20	4.7	Ralph Chien	FW release for V5.50(ABVY.5)b1
2023/12/29	4.8	Ralph Chien	FW release for V5.50(ABVY.5)b2
2024/03/05	4.9	Ralph Chien	FW release for V5.50(ABVY.5)b3
2024/04/03	5.0	Ralph Chien	FW release for V5.50(ABVY.5)b4
2024/04/17	5.1	Ralph Chien	FW release for V5.50(ABVY.5)C0
2024/04/30	5.2	Ralph Chien	FW release for V5.50(ABVY.5.1)b1
2024/05/03	5.3	Ralph Chien	FW release for V5.50(ABVY.5.1)b2
2024/05/03	5.4	Ralph Chien	FW release for V5.50(ABVY.5.1)C0
2024/05/20	5.5	Ralph Chien	FW release for V5.50(ABVY.5.2)b1
2024/05/24	5.6	Ralph Chien	FW release for V5.50(ABVY.5.2)b2
2024/05/27	5.7	Ralph Chien	FW release for V5.50(ABVY.5.2)C0
2024/06/28	5.8	Ralph Chien	FW release for V5.50(ABVY.5.3)b1
2024/06/28	5.9	Ralph Chien	FW release for V5.50(ABVY.5.3)C0
2024/07/31	6.0	Ralph Chien	FW release for V5.50(ABVY.6)b1
2024/11/01	6.1	Ralph Chien	FW release for V5.50(ABVY.6)b2
2025/01/14	6.2	Ralph Chien	FW release for V5.50(ABVY.6)b3
2025/02/24	6.3	Ralph Chien	FW release for V5.50(ABVY.6)C0
2025/03/07	6.4	Ralph Chien	FW release for V5.50(ABVY.6.1)b1
2025/03/07	6.5	Ralph Chien	FW release for V5.50(ABVY.6.1)C0
2025/04/11	6.6	Ralph Chien	FW release for V5.50(ABVY.6.2)b1
2025/04/18	6.7	Ralph Chien	FW release for V5.50(ABVY.6.2)C0

**Zyxel DX3301-T0 Generic
Zyxel EX3301-T0 Generic
Zyxel DX3300-T0 Generic
Zyxel EX3300-T0 Generic
Zyxel EX3200-T0 Generic
Zyxel DX3300-T1 Generic
Zyxel EX3300-T1 Generic
V5.50(ABVY.6.2)C0
Release Note**

Date: Apr. 18, 2025

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)

Zyxel EX3200-T0(DX3301-T0 remove VD WAN and VoIP)

Zyxel DX3300-T1 (DX3301-T0 remove VoIP and ETH WAN)

Zyxel EX3300-T1 (DX3301-T0 remove VD and ETH WAN and VoIP)

Versions:

Bootbase version : V1.45 | 02/23/2023 19:36:05

Firmware version : V5.50(ABVY.6.2)C0

Kernel version : 3.18.21

DSL code version : V5.12.30.0_240118

WLAN code version : MT7915D 7.4.0.0

3G dongle WWAN package version : 1.26

Notes:

Public Domain Software Announcements

Open Source Used in product(3 rd party software)	Version	From (Source)	Licensing Term	Modified / Used
Bridge-Utils	1.0.6	http://bridge.sourceforge.net	GPLv2	Used
BusyBox	1.20.1	http://www.busybox.net/	GPLv2	Modified
clinkc	2.4	http://sourceforge.net/projects/clinkc/	BSD	Modified
dnsmasq	2.85	http://www.thekelleys.org.uk/dnsmasq/doc.html	GPLv2	Modified
dropbear	2024.85	http://matt.ucc.asn.au/dropbear/dropbear.html	MIT	Modified
ebtables	2.0.8-2	http://ebtables.sourceforge.net	GPLv2	Modified
eventlog	0.2.10	http://git.balabit.hu/?p=bazsi/eventlog-1.0.git;a=summary	BSD	Used
expat	2.6.2	http://expat.sourceforge.net/	MIT	Used
ez-ipupdate	3.0.11b8	http://ez-ipupdate.com/	GPLv2	Used
gettext	0.16.1	http://www.gnu.org/software/gettext/	GPLv2	Used
glib	2.37.7	http://www.gtk.org/	LGPLv2	Used
iproute2	2.6.33	http://repository.timesys.com/buildsources/i/iproute2/	GPLv2	Modified
iptables	1.4.10	http://www.netfilter.org	GPLv2	Modified
json-c	0.13	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_queue	1.0.2	http://www.netfilter.org/projects/libnetfilter_queue/	GPLv2	Used
libnfnetlink	1.0.1	http://www.netfilter.org/projects/libnetfilter_queue/	GPLv2	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	http://www.libusb.org/	LGPL 2.1	Used
logrotate	3.22.0	https://launchpad.net/ubuntu/hardy/i386/logrotate/	GPLv2	Modified
ncurses	5.7	http://ftp.gnu.org/pub/gnu/ncurses/	MIT	Modified
net-snmp	5.9.4	http://www.net-snmp.org/	BSD/BSD like	Modified
ntfs-3g	2022.10.3	http://ntfs-3g.org	GPLv2/L GPLv2	Used
ntpclient	2007_365	http://doolittle.icarus.com/ntpclient/	GPLv2	Modified
openssl	3.2.0	http://www.openssl.org	Openssl (BSD-style)	Modified
popt	1.16	http://rpm5.org/files/popt/	MIT	Modified
ppp	2.4.3	http://www.roaringpenguin.com/pppoe	GPL/LGP L/BSD	Modified
pure-ftpd	1.0.50	http://pureftpd.org	ISC/BSD	Modified
radvd	1.8	http://www.litech.org/radvd/	BSD	Used
readline	8.2	http://cnswww.cns.cwru.edu/php/chet/readline/rltop.html	GPLv2	Used
samba	3.6.25	http://www.samba.org/samba/	GPLv3	Modified
sqlite	3.46.0	http://www.sqlite.org/	Public Domain License	Used
syslog-ng	4.7.1	http://www.balabit.com/network-security/syslog-ng/	GPLv2	Used
tcpdump	4.99.4	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
WIDE-DHCPv6	20080615	http://wide-dhcpv6.sourceforge.net/	BSD	Modified
miniupnpd	2.3.1	http://miniupnp.free.fr/	BSD-3-Clause	Used
curl	8.7.1	https://curl.se/	MIT	Modified
quagga	1.2.4	https://github.com/Quagga/quagga	GPLv2	Modified

Known issues

Notification

1. OpenSSL 3.1.2 Upgrade Notification

The certificates signed using SHA1 or older/weaker hashes are no longer supported for authenticating servers or clients.

Before upgrading the firmware:

- Please ensure that certificates in your devices are not using weak hashes.
- If weak hashes are detected, kindly update and verify your certificates promptly with stronger hash
(The minimum recommended hash is SHA256)

Modifications in V5.50(ABVY.6.2)C0

● Feature Enhancement

Modified Modules	Features Enhancement List
------------------	---------------------------

Modifications in V5.50(ABVY.6.2)b1

Based on V5.50(ABVY.6.1)C0 to release V5.50(ABVY.6.2)b1

● Feature Enhancement

Modified Modules	Features Enhancement List
------------------	---------------------------

● Bug Fixed

Modified Modules	Bug Fixed List
CVE	[CVE-2025-20631] A2025_BBU240064AIR-939_[Security][2024][MSV-2187][CVE-2025-20631]mt_wifi Driver RT_OID_802_11R_R0KHID Kernel Buffer Overflow. [CVE-2025-20632] A2025_BBU240064AIR-939_[Security][2024][MSV-2188][CVE-2025-20632] MT7622 mt_wifi Driver SET_PSK Kernel Buffer Overflow. [CVE-2025-20633] A2025_BBU240064AIR-939_[Security][2024][MSV-2491][CVE-2025-20633]

	MT7622 mt_wifi Driver Kernel Heap Overflow in WpaMessageSanity() WPA1 EAPOL Msg3 Handling.
--	--