EE5301-00_Generic

Firmware Release Note

V5.63(ACLD.3.3)C0

Date: Aug. 19, 2026
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Reviewer:

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Revision History

Date	Release	Author	Description
2026/08/19	34.0	Albert Syue	FW release for V5.63(ACLD.3.3)C0
2026/08/19	33.0	Albert Syue	FW release for V5.63(ACLD.3.3)b2
2026/07/31	32.0	Albert Syue	FW release for V5.63(ACLD.3.3)b1
2026/06/26	31.0	Albert Syue	FW release for V5.63(ACLD.3.2)C0
2026/06/25	30.0	Albert Syue	FW release for V5.63(ACLD.3.2)b2
2026/05/08	29.0	Albert Syue	FW release for V5.63(ACLD.3.2)b1
2026/04/15	28.0	Albert Syue	FW release for V5.63(ACLD.3.1)C0
2026/04/15	27.0	Albert Syue	FW release for V5.63(ACLD.3.1)b1
2026/03/19	26.0	Albert Syue	FW release for V5.63(ACLD.3)C0
2026/03/11	25.0	Albert Syue	FW release for V5.63(ACLD.3)b6
2026/03/05	24.0	Albert Syue	FW release for V5.63(ACLD.3)b5
2026/02/13	23.0	Albert Syue	FW release for V5.63(ACLD.3)b4
2026/01/12	22.0	Albert Syue	FW release for V5.63(ACLD.3)b3
2025/12/01	21.0	Albert Syue	FW release for V5.63(ACLD.3)b2
2025/10/17	20.0	Albert Syue	FW release for V5.63(ACLD.3)b1
2025/10/31	19.0	Albert Syue	FW release for V5.63(ACLD.2)C0
2025/10/31	18.0	Albert Syue	FW release for V5.63(ACLD.2)b7
2025/10/28	17.0	Albert Syue	FW release for V5.63(ACLD.2)b6
2025/10/15	16.0	Albert Syue	FW release for V5.63(ACLD.2)b5
2025/09/19	15.0	Albert Syue	FW release for V5.63(ACLD.2)b4
2025/08/25	14.0	Albert Syue	FW release for V5.63(ACLD.2)b3
2025/07/23	13.0	Albert Syue	FW release for V5.63(ACLD.2)b2
2025/06/12	12.0	Albert Syue	FW release for V5.63(ACLD.2)b1
2025/04/24	11.0	Albert Syue	FW release for V5.63(ACLD.1)C0
2025/04/23	10.0	Albert Syue	FW release for V5.63(ACLD.1)b3
2025/04/16	9.0	Albert Syue	FW release for V5.63(ACLD.1)b2
2025/03/17	8.0	PeiFen Wu	FW release for V5.63(ACLD.1)b1
2025/03/14	7.0	PeiFen Wu	FW release for V5.63(ACLD.0.1)C0
2025/03/14	6.0	PeiFen Wu	FW release for V5.63(ACLD.0.1)b1
2025/02/14	5.0	PeiFen Wu	FW release for V5.63(ACLD.0)C0
2025/02/07	4.0	PeiFen Wu	FW release for V5.63(ACLD.0)b4

2025/01/17	3.0	PeiFen Wu	FW release for V5.63(ACLD.0)b3
2024/12/13	2.0	PeiFen Wu	FW release for V5.63(ACLD.0)b2
2024/10/25	1.0	PeiFen Wu	FW release for V5.63(ACLD.0)b1

EE5301-00_Generic

V5.63(ACLD.3.3)C0
Release Note

Date: Aug. 19, 2026

Supported Platforms:

Zyxel EE5301-00

Versions:

Bootbase version : V4.4 | 08/19/2026 08:25:26
Firmware version : V5.63(ACLD.3.3)C0
Kernel version: 5.4.55
WLAN code version: 8.2.1.4
WWAN package version: 1.27
EasyMesh: Release 6
TR-369 agent: 6.0.2

Notes:

Public Domain Software Announcements

Open Source Used In Product	Version	From (Source)	License Terms	Modified / Used
attr	2.4.48	http://savannah.nongnu.org/projects/attr	gpl-2.0-only	Used
atftp	0.8.0	https://sourceforge.net/projects/atftp/	gpl-2.0-only	Modified
binutils	2.35.1	https://sourceware.org/pub/binutils/releases/	gpl-2.0-only	Used
bzip2	1.0.8	http://sources.buildroot.net/bzip2/bzip2-1.0.8.tar.gz	bsd-3-clause	Modified
bridge-Utils	1.7.2	https://git.kernel.org/pub/scm/linux/kernel/git/shemminger/bridge-utils.git/	gpl-2.0-only	Modified
busybox	1.33.1	https://busybox.net/	gpl-2.0-only	Modified
clinkc	2.4	https://sourceforge.net/projects/clinkc/	bsd-3-clause	Modified
c-ares	1.30.0	https://c-ares.haxx.se/download	gpl-2.0-only	Modified
ca-certificates	20210119	http://ftp.debian.org/debian/pool/main/c/ca-certificates/ca-certificates_20210119.tar.xz	gpl-2.0-only	Used
conntrack-tools	1.4.6	https://git.netfilter.org/conntrack-tools/	gpl-2.0-only	Used
curl	8.7.1	https://curl.se/	gpl-2.0-only	Used
cgi-io	2021-09-08-98cef9dd	https://firmware.download.immortalwrt.eu.org/package-sources/cgi-io-2021-09-08-98cef9dd.tar.xz	ISC	Used
dnsmasq	2.85	http://www.thekelleys.org.uk/dnsmasq/doc.html	gpl-2.0-or-later	Modified
dropbear	2024.85	https://github.com/mkj/dropbear	MIT	Modified
elfutils	0.18	https://fedorahosted.org/elfutils/	gpl-2.0-only	Modified
ethtool	5.1	http://www.kernel.org/pub/software/network/ethtool/	gpl-2.0-only	Used
ebtables	2018-06-27-48cff25d	https://git.netfilter.org/ebtables/	gpl-2.0-only	Modified
expat	2.7.1	https://github.com/libexpat/libexpat	MIT	Used

flac	1.3.3	https://downloads.xiph.org/releases/flac/	gpl-2.0-only	Modified
fstools	2021-01-04-c53b1882	https://sources.openwrt.org/fstools-2021-01-04-c53b1882.tar.xz	gpl-2.0-only	Modified
ez-ipupdate	3.0.11b8	http://ez-ipupdate.com/	gpl-2.0-only	Modified
fwtool	2019-11-12-8f7fe925	https://openwrt.org/packages/pkgdata/fwtool	gpl-2.0-only	Used
gdbm	1.18.1	https://www.gnu.org/software/gdbm/	gpl-3.0-only	Modified
gmp	6.2.1	http://gmplib.org/	gpl-3.0-only	Used
gettext	0.19.8.1	http://www.gnu.org/software/gettext/	gpl-3.0-only	Used
glib2	2.66.4	http://www.gtk.org/	lgpl-2.0-only	Used
gnutls	3.7.1	http://www.gnutls.org/	gpl-2.0-only	Modified
i2c-tools	4.3	https://i2c.wiki.kernel.org/index.php/I2C_Tools	gpl-2.0-only	Used
igmpproxy	0.2.1	https://github.com/pali/igmpproxy	gpl-2.0-or-later	Modified
iperf3	3.10.1	https://downloads.es.net/pub/iperf/iperf-3.10.1.tar.gz	MIT	Used
iproute2	5.11.0	https://github.com/shemminger/iproute2	gpl-2.0-only	Modified
iptables	1.8.7	https://git.netfilter.org/iptables/	gpl-2.0-only	Modified
iw	5.19-1	http://wireless.kernel.org/en/users/Documentation/iw	ISC	Modified
json-c	0.15	https://github.com/json-c/json-c/downloads	MIT	Modified
jsonfilter	2018-02-04-c7e938d6	http://git.openwrt.org/?p=project/jsonpath.git	ISC	Modified
kmod	27	https://www.kernel.org/pub/linux/utils/kernel/kmod/	lgpl-2.1-only	Used
libcap	2.43	https://www.kernel.org/pub/linux/libs/security/linux-privs/libcap2/	gpl-2.0-only	Modified
libcap-ng	0.8.1	https://people.redhat.com/sgrubb/libcap-ng/index.html	gpl-2.0-only	Used
libdbi	0.9.0	http://libdbi.sourceforge.net/	lgpl-2.1-only	Used

libexif	0.6.22	https://libexif.github.io/	lgpl-2.1-only	Modified
libedit	20210419-3.1	https://src.fedoraproject.org/repo/pkgs/libedit/libedit-20210419-3.1.tar.gz/	bsd-3-clause	Modified
libffi	3.3	http://pkgs.fedoraproject.org/repo/pkgs/libffi/libffi-3.0.11.tar.gz/	MIT	Used
libiconv	1.16.1	http://www.gnu.org/software/libiconv/	lgpl-2.0-only	Modified
libjpeg-turbo	2.0.6	https://www.libjpeg-turbo.org/	BSD-3-Clause	Used
libgpiod	1.6.4	https://git.kernel.org/pub/scm/libs/libgpiod/libgpiod.git	lgpl-2.1-only	Used
libid3tag	0.15.1b	http://mad.sourceforge.net/	gpl-2.0-only	Used
libmnl	1.0.4	http://www.netfilter.org/projects/libmnl/	lgpl-2.1-only	Modified
libnetfilter-cthelper	1.0.0	http://www.netfilter.org/projects/libnetfilter_cthelper/	gpl-2.0-only	Used
libnetfilter_cttimeout	1.0.0	http://www.netfilter.org/projects/libnetfilter_cttimeout/	gpl-2.0-only	Used
libnetfilter-conntrack	1.0.8	https://git.netfilter.org/libnetfilter_conntrack/	gpl-2.0-only	Used
libnetfilter-queue	1.0.5	https://git.netfilter.org/libnetfilter_queue/	gpl-2.0-only	Modified
libnfnetlink	1.0.1	https://git.netfilter.org/libnfnetlink/	gpl-2.0-only	Modified
libnl	3.5.0	http://www.infradead.org/~tgr/libnl/	lgpl-2.1-only	Modified
libnl-tiny	2023-07-01-d433990c	https://github.com/openwrt/openwrt/tree/master/package/libs/libnl-tiny	lgpl-2.1-only	Used
libogg	1.3.4	https://downloads.xiph.org/releases/ogg/	BSD-3-Clause	Used
libpcap	1.9.1-3	www.tcpdump.org	bsd-3-clause	Modified
libselinux	3.2	https://github.com/SELinuxProject/selinux/releases/download/3.2	Public-Domain	Used
libsepol	3.2	https://github.com/SELinuxProject/selinux/releases/download/3.2	lgpl-2.1-only	Used
libsrtp	1.6.0	http://oss.metaparadigm.com/json-c/	BSD-3-Clause	Modified

libstrophe	0.12.2-1	https://codeload.github.com/strophe/libstrophe/tar.gz/	gpl-3.0-only	Modified
libtirpc	1.3.2	http://libtirpc.sourceforge.net/	BSD-3-Clause	Modified
libtool	2.4.6	http://www.gnu.org/software/libtool/	gpl-2.0-only	Used
libubox	2021-05-16-b14c4688	http://mirror.greenwavereality.com/openwrt/	ISC	Used
libusb	1.0.24	https://sourceforge.net/projects/libusb/	lgpl-2.1-only	Used
libvorbis	1.3.7	http://downloads.xiph.org/releases/vorbis/	BSD-3-Clause	Used
libxml2	2.9.12	http://xmlsoft.org/sources/	MIT	Used
lua	5.1.5	http://www.tecgraf.puc-rio.br/lua/ftp/	MIT	Modified
lxc	2.0.4	https://linuxcontainers.org/lxc/downloads/	gpl-2.0-only	Modified
Linux/Arm Kernel	5.4.55		gpl-2.0-only	Modified
logrotate	3.22.0	https://launchpad.net/ubuntu/hardy/i386/logrotate/	gpl-2.0-only	Modified
nbtscan	1.7.2	http://ftp.debian.org/debian/pool/main/n/nbtscan/	gpl-2.0-only	Used
mbedtls	2.16.11	https://codeload.github.com/ARMmbed/mbedtls/tar.gz/v2.16.11	gpl-2.0-only	Modified
mailsend	1.19	https://github.com/muquit/mailsend/	bsd-3-clause	Modified
musl-fts	1.2.7	https://github.com/pullmoll/musl-fts.git	BSD-3-Clause	Used
minidlna	1.3.0	https://sourceforge.net/projects/minidlna/files/minidlna/1.3.0/	gpl-2.0-only	Modified
nettle	3.6	https://ftp.gnu.org/gnu/nettle/	gpl-2.0-only	Modified
ncurses	6.2	http://ftp.gnu.org/pub/gnu/ncurses/	MIT	Modified
net-snmp	5.8	http://www.net-snmp.org/	bsd-3-clause	Modified
ntfs-3g	2022.10.3	http://ntfs-3g.org	gpl-2.0-only	Used
ntpclient	2015_365	http://doolittle.icarus.com/ntpclient/	gpl-2.0-only	Modified

nghttp2	1.57.0	https://osdn.net/projects/immortalwrt/storage/sources/nghttp2-1.43.0.tar.xz/	MIT	Used
omcproxy	2018-12-14-722151f0	https://osdn.net/projects/immortalwrt/storage/sources/omcproxy-2018-12-14-722151f0.tar.xz/	apache-2.0	Modified
openssl	3.2.0	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	gpl-2.0-only	Modified
pciutils	3.8.0	https://github.com/yifengyou/pciutils-3.7.0	gpl-2.0-only	Modified
pure-ftpd	1.0.50	http://pureftpd.org	bsd-3-clause	Modified
pcre	8.44	https://sourceforge.net/projects/pcre/files/pcre/8.44/	gpl-2.0-only	Used
procd	2021-02-23-37eed131	https://downloads.openwrt.org/releases/21.02.1/targets/arc770/generic/openwrt-21.02.1-arc770-generic-default.manifest	lgpl-2.1-only	Modified
pcre2	10.44	https://www.linuxfromscratch.org/blfs/view/systemd/general/pcre2.html	bsd-3-clause	Modified
u-boot	2021.01	https://source.denx.de/u-boot/u-boot	gpl-2.0-only	Used
ubox	2020-10-25-9ef88681	https://git.openwrt.org/project/ubox.git	gpl-2.0-only	Used
ubus	2021-06-30-4fc532c8	https://git.openwrt.org/?p=project/ubus.git;a=shortlog	lgpl-2.1-only	Used
uci	2020-10-06-52bbc99f	https://git.openwrt.org/project/uci.git	lgpl-2.1-only	Used
uclient	2021-05-14-6a6011df	https://git.openwrt.org/project/uclient.git	ISC	Used
urandom-seed	3	https://github.com/ntlf9t/openwrt-1/blob/master/package/system/urandom-seed/files/etc/init.d/urandom_seed	gpl-2.0-only	Used
urngd	2020-01-21-c7f7b6b6	http://mirror.greenwavereality.com/openwrt/	gpl-2.0-only	Used
radvd	1.8	http://www.litech.org/radvd/	bsd-3-clause	Modified

readline	8.2	http://cnswww.cns.cwru.edu/php/chet/readline/rltop.html	gpl-2.0-only	Used
resolveip	2	https://github.com/openwrt/openwrt/tree/openwrt-21.02/package/network/utils/resolveip	gpl-2.0-only	Used
rp-pppoe	3.12	https://dianne.skoll.ca/projects/rp-pppoe/download	gpl-2.0-only	Modified
samba	3.6.25	http://www.samba.org/samba/	gpl-3.0-only	Modified
sqlite	3460000	http://www.sqlite.org/	public-domain	Used
swconfig	12	https://github.com/openwrt-mirror/openwrt/blob/master/target/linux/generic/files/drivers/net/phy/swconfig.c	gpl-2.0-only	Used
syslog-ng	4.7.1	https://github.com/balabit/syslog-ng	gpl-2.0-only	Used
tcpdump	4.99.4	http://www.tcpdump.org/	bsd-1-clause	Used
udhcp	0.9.8	http://udhcp.busybox.net/	gpl-2.0-only	Modified
usign	2020-05-23-f1f65026	https://download.iopsys.eu/iopsys/mirror/usign-2020-05-23-f1f65026.tar.xz	ISC	Used
usb-modeswitch	2.1.0	http://www.draisberghof.de/usb_modeswitch/	gpl-2.0-only	Used
util-linux	2.36.1	https://github.com/karelzak/util-linux/	gpl-2.0-only	Used
wide-dhcpv6	20080615	https://sourceforge.net/projects/wide-dhcpv6/	bsd-3-clause	Modified
wireless-regdb	2021.04.21-1	https://git.kernel.org/pub/scm/linux/kernel/git/sforshee/wireless-regdb.git/	ISC	Modified
quagga	1.2.4	https://github.com/Quagga/quagga	gpl-2.0-only	Used
miniupnpd	2.3.1	https://github.com/miniupnp/miniupnp/	bsd-3-clause	Modified
zlib	1.3.1	https://github.com/madler/zlib	zlib	Used
zoneinfo	2021a	https://www.iana.org/time-zones/repository/releases/tzcode2021a.tar.gz	bsd-3-clause	Modified
		https://www.iana.org/time-zones/repository/releases/tzdata2021a.tar.gz		
xz	5.2.5	https://tukaani.org/xz	gpl-2.0-or-later	Modified

xl2tpd	1.3.16	https://github.com/xelerance/xl2tpd.git	gpl-2.0-only	Modified
wolfssl	4.8.1-stable	http://www.wolfssl.com/	gpl-2.0-only	Modified
wireless-tools	29	https://hewlettpackard.github.io/wireless-tools	gpl-2.0-only	Modified
yafc	1.1.1-2	https://github.com/sebastinas/yafc	gpl-2.0-or-later	Used
dtc	1.6.0-1	https://devicetree.org/	gpl-2.0-only	Modified
uclibc++	0.2.5	https://cxx.uclibc.org/src/	lgpl-2.1-or-later	Used
ubi-utils	2.1.2-1	ftp://ftp.infradead.org/pub/mtd-utils/	gpl-2.0-only	Used
hwdata	0.359-1	https://src.fedoraproject.org/rpms/hwdata	gpl-2.0-or-later	Used
opkg	2021-06-13-1bf042dd-1	https://git.openwrt.org/project/opkg-lede.git	gpl-2.0-only	Used
openwrt-keyring	2021-02-20-49283916-2	https://openwrt.org/docs/guide-user/security/signatures	gpl-2.0-only	Used
mosquitto	2.0.14	http://www.mosquitto.org/	epl-1.0	Used
libwebsockets	4.3.1-1	https://libwebsockets.org/	MIT	Used
ustream-ssl	2020-12-10-68d09243	https://github.com/openwrt/ustream-ssl	isc	Used
liburing	0.7-1	https://git.kernel.dk/cgit/liburing/snapshot	MIT	Used
liburing	0.7-1	https://git.kernel.dk/cgit/liburing/snapshot	gpl-2.0-only	Used
liburing	0.7-1	https://git.kernel.dk/cgit/liburing/snapshot	lgpl-2.1-or-later	Used
libtasn1	4.16.0-1	https://gitlab.com/gnutls/libtasn1	lgpl-2.1-or-later	Used
libstrophe	0.12.2-1	https://github.com/strophe/libstrophe	MIT	Used
libstrophe	0.12.2-1	https://github.com/strophe/libstrophe	gpl-3.0-only	Used
musl	1.2.7-3	https://github.com/pullmoll/musl-fts.git	MIT	Used
libmicroxml	2012-06-11	https://github.com/pivasoftware/microxml.git	lgpl-2.1-or-later	Used
libgcc	10.2.0-3	https://github.com/gcc-mirror/gcc/tree/master/libgcc	gpl-2.0-or-later	Modified

libdaemon	0.14-5	http://0pointer.de/lennart/projects/libdaemon/	lgpl-2.1-or-later	Used
hostapd	2022-07-29-b7 04dc72	http://w1.fi/hostap.git	bsd-3-clause	Modified

Known issues

Modules	Issue	Risk Impact Information

Modifications in V5.63(ACLD.3.3)C0

Based on V5.63(ACLD.3.3)b2 to release V5.63(ACLD.3.3)C0

Modifications in V5.63(ACLD.3.3)b2

- **Feature Enhancement**

Modified Modules	Features Enhancement List

- **Bug Fixed**

Modified Modules	Bug Fixed List
GUI	[#259159][Wizard] Use Wizard configure WAN select PPPoE mode. Finish the setting, go to Broadband page WAN mode is IPoE.

Modifications in V5.63(ACLD.3.3)b1

- **Feature Enhancement**

Modified Modules	Features Enhancement List

- **Bug Fixed**

Modified Modules	Bug Fixed List
Lifemote	[#254125][ACTS][Lifemote][Mpro mesh]WiFi client disappear in "Device.WiFi.DataElements." after 5 days testing.
Lifemote	[#256648][ACTS][Lifemote][Mpromesh]Free memory is showing a downward trend in bulkdata stress
GUI	[#258117][CVE-2026-12489] Zyxel-SI-1680 [Vulnerability] GUI access to restricted menu pages vulnerability

Modifications in V5.63(ACLD.3.2)C0

Based on V5.63(ACLD.3.2)b2 to release V5.63(ACLD.3.2)C0

Modifications in V5.63(ACLD.3.2)b2

- **Feature Enhancement**

Modified Modules	Features Enhancement List
System	[#254677][eITS#260402171] Force password change of user account - text suggestions
SFP	[#255944][eITS#260601512][EE5301] SFP module support

- **Bug Fixed**

Modified Modules	Bug Fixed List
WLAN	1. [#254689] 2.4G TX Throughput drop during THCT test at room temperature
System	2. [#254685] Potential WAN Ping delay issue in production environment
System	3. [#254678][eITS#260402163]Force password change of user - entered passwords not equal
Security	4. [#254675][CVE-2026-2291, CVE-2026-4890, CVE-2026-4891, CVE-2026-4892, CVE-2026-4893] Zyxel-SI-1675 [Vulnerability] Multiple vulnerabilities in dnsmasq
System	5. [#255937][Lifemote] ifconfig - TX/RX bytes don't increase on

	ae_wan_2 interface
System	6. [#255939][Lifemote] No lm_stacountinfo and lm_mibbucket
System	7. [#255257][eITS#260502009] NAT setting works not for the LAN side

Modifications in V5.63(ACLD.3.2)b1

● Feature Enhancement

Modified Modules	Features Enhancement List

● Bug Fixed

Modified Modules	Bug Fixed List
System	1. [#253707][Lifemote] Support for enhancements (ZYXCPE-177, ZYXCPE-187, ZYXCPE-188, ZYXCPE-191, ZYXCPE-192, ZYXCPE-193, ZYXCPE-194, ZYXCPE-196, ZYXCPE-197, ZYXCPE-198, ZYXCPE-206)
Security	2. [#253700][CVE-2026-6952] Zyxel-SI-1666 [Vulnerability] A post-authentication command injection vulnerability exists in the syslog component
System	3. [#253127][System] TR069 password "ZYXEL@SupervisorPWD" should be converted to the supervisor password.
ACTS	4. [#246745][ACTS][Stress] Firmware upgrade/downgrade via TR069, console print "Invalid memory segment access" (Run 50 times and happened fail 1 times)
MPro Mesh	5. [#246339][ACTS][Mpro Mesh][TR-369] the error value of the agent's Device.Hosts.Host.i.X_ZYXEL_UpTime > 10% after 30 seconds
MPro Mesh	6. [#246335][ACTS][Mpro Mesh][TR-369] Device.WiFi.DataElements.Network.Device.3.Radio.2.BackhaulSta.MACAddress value is null (RP's agent)
MPro Mesh	7. [#244179][MPro Mesh][Zyxel One X_iOS] After use Android_APP to modify main SSID and PW twice time, another APP to confirm current wifi password is always failed.

MPro Mesh	8. [#241318][MPro Mesh] EE5301 Connectivity page displays WiFi 7 clients RSSI as 0
MPro Mesh	9. [#240029][MPro Mesh][Zyxel One_Agent for Cloud] If wifi clients connect to extender, that client information is incomplete in detail page.

Modifications in V5.63(ACLD.3.1)C0

Based on V5.63(ACLD.3.1)b1 to release V5.63(ACLD.3.1)C0

Modifications in V5.63(ACLD.3.1)b1

- **Feature Enhancement**

Modified Modules	Features Enhancement List
WLAN	[#252105][eITS#260302138] Disable Wi-Fi off-channel scan by default.

- **Bug Fixed**

Modified Modules	Bug Fixed List
System	[#252684] Supports additional flash models

Modifications in V5.63(ACLD.3)C0

Based on V5.63(ACLD.3)b6 to release V5.63(ACLD.3)C0

Modifications in V5.63(ACLD.3)b6

- **Feature Enhancement**

Modified Modules	Features Enhancement List

- **Bug Fixed**

Modified Modules	Bug Fixed List
Stress	[#251003][Stress][5 hours][123 times] CPE happened call trace , Wi-Fi clients can't access internet , GUI and console not

	available.

Modifications in V5.63(ACLD.3)b5

● Feature Enhancement

Modified Modules	Features Enhancement List

● Bug Fixed

Modified Modules	Bug Fixed List
SFP	1. [#250706][eITS#260101160] IOP issue with a 1G Solid transceiver EE5301-01
System	2. [#250624][Power Saving Mode] disable 5G and switch the uplink to 2.4G backhaul connection - test result is NG
System	3. [#250418][System] The default setting value are not match between DST & GUI.
QoS	4. [#250244][Qos] Dropdown options (Ether Type, DSCP Mark, VLAN ID Tag) disappear after adding a classification rule.
Routing	5. [#250243][Routing] Add static route rule, Default Use Interface value show "LAN"
System	6. [#250242][System] Band of Steering Status not match ES definition.

Modifications in V5.63(ACLD.3)b4

● Feature Enhancement

Modified Modules	Features Enhancement List
System	1. [#249603]Increase code space limit to 16 codes
USB	2. [#249584][USB] Admin account hide the options to enable DLAN/SAMBA
System	3. [#221929][PE5301-00/PE3301-01] Multi-language for PON string
UPnP	4. [#248209][eITS#251201029][EE5301] Request to Disable UPnP on the Guest Network

- **Bug Fixed**

Modified Modules	Bug Fixed List
System	1. [#250151][eITS#260200878]Requesting to add same fix of ticket#251100099 on EE5301-00.
Security	2. [#249717][CVE-2026-1460] Zyxel-SI-1653 [Vulnerability] post-authentication command injection vulnerability in the DomainName parameter of the DHCP configuration file
Security	3. [#249025]Zyxel-SI-1650 [Vulnerability] Post-authentication command injection vulnerabilities in the EasyMesh related APIs
GUI	4. [#248956][ACTS][GUI] Input ";reboot" in SSID field on Wireless page, will cause the DUT to restart.
Stress	5. [#248674][Stress][Time: 75hr][Occur: 103 time] The CPE happen call trace & reboot by automatically at 學禮樓 site-2.
MPro Mesh	6. [#248580][MPro Mesh][Zyxel One_Agent] Disable APP Guest WiFi isolation, all RP_Agent do not sync to Controller as Home Guest.
WLAN	7. [#248520][ACTS][WLAN] 2.4G/5G GUI set fix channel not work
Mgmt	8. [#248476][Mgmt] Can't connect to CPE via SSH.
MPro Mesh	9. [#248396][ACTS][MPro Mesh][Stress]Agents reboot or fw upgrade, zyMAPSteer daemon disappeared. (fail rate: 20/20)
MPro Mesh	10. [#248353][MPro Mesh] Continue Bug #248352 issue, after wifi reload, type "zyslctl -a" see mesh station table, RP_Agent information is confused.
MPro Mesh	11. [#248352][MPro Mesh] After onboarding Extender-RP, it will cause zyMAPSteer daemon disappeared.
TR-181	12. [#248351][TR-181] After NeighboringWiFiDiagnostic finish, some WiFi OperatingChannelBandwidth value will show 796418351MHz
System	13. [#248345][System] GUI's settings(Topology & Wi-Fi & Wired) not match Connectivity page define(Topology & List)
TR-181	14. [#248331][TR-181] Modifying WLAN password parameters via

	TR-181 be differently than the previous versions.
Stress	15. [#246743][ACTS][Stress] Firmware upgrade/downgrade failed due to TR369 disconnection.(Run 50 times and happened fail 26 times)
MPro Mesh	16. [#244685][MPro Mesh] When MLO is disabled or fails, the RP agent has the opportunity to connect to the 2.4 GHz backhaul.
LAN	17. [#244310][LAN] Bridge mode using interface grouping not working.
WLAN	18. [#243224][eITS#250700764] EE5301 + WE3300 MLO clients stickiness
System	19. [#240780][System] The default setting value are not match between DST & GUI.
WAN	20. [#240756][WAN] CPE get incorrect NTP information form option 56.
GUI	21. [#240754]NTP Request works not with IPv6
DNS	22. [#240752]IPv6 DNS AAAA will not send
MPro Mesh	23. [#239935][MPro Mesh] All WiFi clients connect Agent guest 1,2,3 can't get IP address.

Modifications in V5.63(ACLD.3)b3

● Feature Enhancement

Modified Modules	Features Enhancement List
VLAN	1. [#247414][eITS#250800810] Support VLAN 0 WAN interface to receive untagged packets (Configurable)
GUI	2. [#247322][GUI] GUI configurable element
GUI	3. [#246769]add GUI display in power saving mode
WLAN	4. [#232633][eITS#250401065] Request option for user to disregard WPA password complexity requirement
SFP	5. [#231484][eITS#250302402] Request for the support of SFP modules
GUI	6. [#245598][eITS#251101466] Feature request to change values of Traffic Status from Byte to MB or GB

- **Bug Fixed**

Modified Modules	Bug Fixed List
WLAN	1. [#246653]Significant different Tx / Rx, NSS, MCS at the same location with the same firmware
System	2. [#246630][System] ES does not match GUI's settings.
ACTS	3. [#246387][ACTS][WAN] Can't send any packets once 802.1q value set to 0
ACTS	4. [#246338] [ACTS][Mpro Mesh][TR-369] Device.Hosts.Host.3.X_ZYXEL_RSSI value is 0 and Device.Hosts.Host.3.AssociatedDevice is null of the wifi client unber RP agent
MPro Mesh	5. [#246204][MPro Mesh][Zyxel One_Agent] If wifi client connect to Agent, that client's Max Speed and RSSI will display "0" in APP Devices.
MPro Mesh	6. [#246198][MPro Mesh] Controller 5G SW WPS cannot onboard RP agent.
MPro Mesh	7. [#246189][MPro Mesh][Zyxel One_Agent] Some wifi clients is single band (like iPhone 13), but it judge to dual band in Connectivity and APP page.
MPro Mesh	8. [#246172][MPro Mesh][Zyxel One_Agent] Use APP to do add extender, it will direct to Something went wrong page.
TR-369	9. [#245384][eITS#251001428]Error using TR parameters for setting isolation on 5G Guest1 and Guest2
ACTS	10. [#244658][ACTS][MPro Mesh][Stress]Controller do f/w upgrade via TR-069_fail reate:20/20
MPro Mesh	11. [#244596][MPro Mesh][Stress][Time: 1days] During Stress testing for 1days, some wifi clients will disappear in Steering Status page and there is no RP_Agent count in controller 2.4/5G backhaul at Mesh topology table.
TR-181	12. [#244560][TR-181] CPE does not reset to default after ACS FW upgrade when "FactoryResetOnUpgrade" is true in config file.
ACTS	13. [#244301][ACTS][WLAN] Config file modfiy Auto_PSK_length, Device restore config will crash GUI can not login, HW reset or reboot can't recover, need ExpressBoot write

System	14. [#237358][System] Enable Log Setting IGMP, but Log page does not record IGMP
TR-369	15. [#225516][TR-369] Disable TR-369 function or Click TR-369 Local Agent page "OK" button, CPE will change from Multi_WAN to Any_WAN.
MPro Mesh	16. [#224806][MPro Mesh] Wireless MLO settings cannot be synchronized to agent
WLAN	17. [#244498][ACTS][WLAN] MAC authentication enabled, any client can't connect to guest Wi-Fi

Modifications in V5.63(ACLD.3)b2

- **Feature Enhancement**

Modified Modules	Features Enhancement List
GUI	1. [#245655][eITS#251101465]Feature request to change values of Traffic Status from Byte to MB or GB
GUI	2. [#245605][eITS#251101469]Feature request of pictographic explanation of Guest Access Scenario
Configuration	3. [#245383][eITS#251101160]Registration ID for the PON link change after ROM-D file update
SFP	4. [#244258][eITS#251001880] 1Gb AE SFP IOP issue (AIBAOTECH - AB-GLC-B20-1314D)
WLAN	5. [#241177]Support for LAN filter to include STA from WiFi
OMCI	6. [#241159][eITS#250800568] support DHCP Option 17, Option 56, Option 1 Option 16 setting under DHCPv6
SFP	7. [#240120][eITS#250702011]Implement a TR181 parameter allow customer to change the SFP default rate

- **Bug Fixed**

Modified Modules	Bug Fixed List
GUI	1. [#245790][eITS#251101746]Same issue as EE3301 (ticket#251101029) incorrect format on display conenction up time.
WLAN	2. [#245650][ACTS][WLAN] 802.11 mode can't be set

Security	3. [#245642][CVE-2025-11845, CVE-2025-11846, CVE-2025-11847, CVE-2025-11848] Zyxel-SI-1638 [Vulnerability] Multiple potential null pointer dereference vulnerabilities in the CGI program
IPv6	4. [#245443][eITS#250900323] Through bridge mode, assigns an IPv6 address to the LAN-side. even if the IPv6 address is successfully obtained, when pinging an external IPv6 address the connection is unstable
System	5. [#244889][System] LAN Interface Status grayed out after overnight idle (indicator only)
WLAN	6. [#244779][WLAN] Connectivity list page Wi-Fi client information show incorrect uptime
MPro Mesh	7. [#244745] [MPro Mesh]After disable 5G main wifi in wireless page, it will cause MLO also to disable.
Configuration	8. [#244739][eITS#251100043] ROMD supports "ISP Logo" strings ex ceeding 4095 characters
MPro Mesh	9. [#244694][MPro Mesh] After disabling and re-enabling the controller MLO, RP agents cannot use MLD to reconnect to the controller backhaul, resulting in a single-band connection (2.4 GHz or 5 GHz).
QoS	10. [#244677][QoS] No Queue Setup Page in QoS page.
System	11. [#244669][System] Default wan is PPPoE mode, go to System Info check default WAN Information will show PPPoE Up time, not show Connection Uptime.
MPro Mesh	12. [#244646][ACTS] [MPro Mesh] [Stress] Reboot Controller via GUI then check extender can connect back Controller WiFi_Backhaul_fail rate: 15/20
MPro Mesh	13. [#244645][ACTS] [MPro Mesh] [Stress] Reboot GW via HW button then check extender can connect back GW WiFi_Backhaul_fail rate: 20/20
WLAN	14. [#244585][WLAN] The MLO is also show disable when 2.4G/5G Wi-Fi function change to disable in General page.
MPro Mesh	15. [#244577][MPro Mesh] When the controller modifies the SSID, RP agents often cannot connect back to controller.
MPro Mesh	16. [#244567][MPro Mesh] When the controller change GW 5G

	channel, all RP agents cannot connect back to controller.
WLAN	17. [#244550][WLAN] Use Wifi HW button to diable wifi, go to wifi card page want to enable main Wifi or guest wifi will fail.
WLAN	18. [#244516][ACTS][WLAN][TR069] SPV WiFi.AccessPoint.1.Security.ModeEnabled return 9007 Invalid parameter value
WLAN	19. [#244482][ACTS][WLAN] 802.11 mode can't be set
MPro Mesh	20. [#244424][MPro Mesh][Zyxel One X_Agent] Login Zyxel One X APP to Home page then change to wifi page, it will cause Controller's wifi to reload
MPro Mesh	21. [#244420][MPro Mesh] Controller reset to default, will cause pairing with the original RP agent to fail.
TR-369	22. [#244404][TR-369] TR-369 should support Any_WAN & Multi_WAN option. Like TR-069 Client page.
MPro Mesh	23. [#244398][MPro Mesh] The agent icons shown on the Connectivity page of the EE5301 as WX5600.
WAN	24. [#244383][WAN] There are DHCPv6 option 17/56/1/16 be shown on WAN interface edit.
MPro Mesh	25. [#244335][MPro Mesh][Zyxel One_Agent] After Modify Guest WiFi SSID and password , Only Controller sync with new wifi SSID and Password,extender cannot connect back to controller
TR-369	26. [#244329][eITS#251001973]Error in setting string values with obuspa, \u0000 ending added to cfg file
WLAN	27. [#244306][WLAN] When MLO disable , 802.11Mode can't be changed and it will pop warning message.
MPro Mesh	28. [#244291][MPro Mesh][Zyxel One_Agent] After Modify Main WiFi SSID and password , Only Controller sync with new wifi SSID and Password,extender cannot connect back to controller
QoS	29. [#244201][QoS] WAN Managed Upstream Bandwidth doesn't work.
MPro Mesh	30. [#244171][MPro Mesh][Zyxel One X_Android] Topology page not found "Extend network" button.

QoS	31. [#244167][QoS] No Shaper Setup Page in QoS page.
MPro Mesh	32. [#244117][MPro Mesh][Zyxel One_Agent] After enable guest wifi then modify Main/Guest SSID and PW, some wifi clients show the two same host name in APP Devices page (rate : 80%)
System	33. [#243677][System] Need check default EEE default is true or false.
MPro Mesh	34. [#243146][ACTS][MPro Mesh][Zyxel One X_IOS] After creating a parental control profile, deleted the profile and then logged in again. The Zyxel One X crashed.
WLAN	35. [#241189][eITS#250900134]MLO not sync under Mesh setup between controller and agent
OMCI	36. [#240750]General IPv6 Requirements - DHCP option17 (17.1 and 17.2)
OMCI	37. [#240749]General IPv6 Requirements - DHCP option 56
MPro Mesh	38. [#239595][MPro Mesh][Zyxel One_Agent] After enable guest wifi then modify Main/Guest SSID and PW, some wifi clients show the two same host name in APP Devices page (rate : 80%)
WLAN	39. [#239275][ACTS][WLAN] Modify ROM file X_ZYXEL_auto_channel_5G, After restarting, DUT select skip channel
System	40. [#237358][System] Enable Log Setting IGMP, but Log page does not record IGMP
WLAN	41. [#236717][WLAN] The warning message was wrong when disabling 5G WLAN via card page (external and internal).
WAN	42. [#234236][WAN] Wireless clients unable to get ip through the bridge wan bind to the interface group.

Modifications in V5.63(ACLD.3)b1

● Feature Enhancement

Modified Modules	Features Enhancement List
WAN	1. [#240013][eITS#250601497] set a rule for the PPPoE username and password for prefix, suffix and the random character

	including its length. This way, customer can have a random values for their requirements. For DST values, no change in current settings.
LED	2. [#241145][eITS#250600183] MWI indication on LEDs
WLAN	3. [#241152][eITS#250700921] side survey support up to 128 devices
GUI	4. [#241166][eITS#241100676] Poor data representation of MLO STAs - GUI views
System	5. [#241169]Power saving mode
System	6. [#241170]SDK upgrade to 2025Q1
System	7. [#241171]Support MESH R6
System	8. [#241174]Support MLO backhaul by default
WLAN	9. [#242452][eITS#250700232]Change Wireless and Wire MAC filter in the same page
TR-369	10. [#243687][Feature] Support cloud agent flag in RESTFul API
TR-369	11. [#243688][Feature] Follow RESTFul API, add APPUICustomization Parameters
TR-369	12. [#243689][Feature] Timezone Auto Detect
TR-369	13. [#243690][Feature] Timezone Auto Detect parameter in RESTful API
TR-369	14. [#243691][BUGFIX] While TR-369 Local Agent -> General is enable, add MQTT rule. GUI display incorrect.
TR-369	15. [#243692]Zyxel CA security enhancement during fatcory production
TR-369	16. [#243693]MLO Client/STA RESTFul API implementation
GUI	17. [#243891][eITS#250501383] Request more user friendly information in Steering Status GUI view
TR-369	18. [#243741]remove Parking server USP config
WLAN	19. [#243033][eITS#251000154] EE5301, Unisolated Guest SSID option

- **Bug Fixed**

Modified Modules	Bug Fixed List
MPro Mesh	1. [#224298][MPro Mesh] The controller will steer multiple MLO

	MACs at the same time, and will not treat them as a single object.
MPro Mesh	2. [#224806][MPro Mesh] Wireless MLO settings cannot be synchronized to agent
MPro Mesh	3. [#224833][MPro Mesh] MLO client connected WE3300 MLO FH and 5G FH, it got same phyrate.
MPro Mesh	4. [#240077][MPro Mesh] EE5301 Controller 5G auto channel often jumps to CH136 / CH140 which does not exist in the channel list. (error rate: 30%)
WLAN	5. [#241172]Support SSID 2,4/5GHz independence
WLAN	6. [#241189][eITS#250900134]MLO not sync under Mesh setup between controller and agent
TR-369	7. [#243726][ZYXCPE-110] Apple Macbook's Operating System is reported as Windows
TR-369	8. [#243727][ZYXCPE-131] Adding Bulk Data profile takes too much time
TR-369	9. [#243728][ZYXCPE-132] LM CQA: Upload Data Usage of Wi-Fi clients are incorrect
TR-369	10. [#243729][ZYXCPE-133] After reboot, Bulk Data profiles are truncated to 80 parameters
TR-369	11. [#243730][ZYXCPE-137] Response delay due to mesh node count
TR-369	12. [#243731][ZYXCPE-138] Activating Bulk Data fails due to timeout
TR-369	13. [#243732][ZYXECPE-139] Misreported clients
TR-369	14. [#243733][ZYXECPE-140] X_LIFEMOTE_OperatingStandard does not exist
TR-369	15. [#243734][ZYXCPE-143] Android cloud version server errors and long delays in tab transitions
TR-369	16. [#243735][ZYXCPE-144] LM CQA: Regular update could not be sent when Slow update is being prepared
TR-369	17. [#243736][ZYXCPE-153] CCA information is stuck
TR-369	18. [#243737][ZYXCPE-154] Disconnected clients are reported as active
TR-369	19. [#243738][ZYXCPE-155] Cannot find controller error in mesh

	node
TR-369	20. [#243739][ZYXCPE-156] ConnectedAP is reported as Unknown for the unreported client
TR-369	21. [#243740][ZYXCPE-159] Bulk Data parameters are not updated every minute

Modifications in V5.63(ACLD.2)C0

Based on V5.63(ACLD.2)b7 to release V5.63(ACLD.2)C0

Modifications in V5.63(ACLD.2)b7

- **Feature Enhancement**

Modified Modules	Features Enhancement List

- **Bug Fixed**

Modified Modules	Bug Fixed List
System	[#244245] EEE (Energy-Efficient Ethernet) function will be disable by default and rom-convert Modify defconfig

Modifications in V5.63(ACLD.2)b6

- **Feature Enhancement**

Modified Modules	Features Enhancement List

- **Bug Fixed**

Modified Modules	Bug Fixed List
System	1. [#244245] EEE (Energy-Efficient Ethernet) function will be

	disable by default and rom-convert Modify defconfig and rom-convert
LAN	2. [#241059][Stress] LAN client can't login GUI and can't ping outside , After 3 days 學禮樓 stress.

Modifications in V5.63(ACLD.2)b5

● Feature Enhancement

Modified Modules	Features Enhancement List

● Bug Fixed

Modified Modules	Bug Fixed List
WLAN	1. [#226457][ACTS][WLAN] 2.4G/5G Guest AP password not different with main SSID
LAN	2. [#237948][LAN] Change DHCP Relay to DHCP Server, LAN PC can't get LAN IP
TR-069	3. [#240834][eITS#250501723] After FW update via ACS server device not reeachable EE5301-00
LAN	4. [#241059][Stress] LAN client can't login GUI and can't ping outside , After 3 days 學禮樓 stress.
TR-143	5. [#242489][TR-143] HTTP Download/UploadDiagnostics can't work , it will keep Requested.
OMCI	6. [#242554][eITS#250900551]EE5301 has iop issue with GLC1540X-55A
MPro Mesh	7. [#242642][MPro Mesh] Changing the SSID on the controller causes RP agents to repeatedly disconnect and reconnect.
MPro Mesh	8. [#243016][ACTS][MPro Mesh] [R2 cases] same guest wifi interface client cannot ping each other
Other	9. [#232133][eITS#250400371] EE5301, EEE default setting, TR181 EEE-parameters and CLI commands

Modifications in V5.63(ACLD.2)b4

● Feature Enhancement

Modified Modules	Features Enhancement List
System	1. [#236889][eITS#250601271] Feature Request change ACS Username to ZYXEL@OUI-MacAddress
GUI	2. [#241155][eITS#250601862] Please use the term Wi-Fi instead of wifi in the GUI

● Bug Fixed

Modified Modules	Bug Fixed List
WLAN	1. [#236705][WLAN] The exclamation mark still appears on the WLAN general page.
WLAN	2. [#236742][WLAN] ONESSID can't be disable when MESH enable.
System	3. [#240852][System] The GUI Maintenance > Power Monitor page has been changed to the Energy Management page.
PON	4. [#241109][eITS#250800739]When the EE5301 is reboot with datecode 5.63(ACLD.2)b2_0804, it causes the ONTs on the same PON port to disconnect.

Modifications in V5.63(ACLD.2)b3

● Feature Enhancement

Modified Modules	Features Enhancement List
System	1. [#230356][eITS#250301387] Optimize boot-up time
Other	2. [#235331][eITS#250501573] IOP test 1G 1-012-00500022 works not EE5301-00
Other	3. [#235361][eITS#250501593] GPON PMG 3000D-20B works not with 1G link EE5301-00
Other	4. [#235462][eITS#250501662] IOP issue with XPON tranceiver PM 7000-00

- **Bug Fixed**

Modified Modules	Bug Fixed List
MPro Mesh	1. [#236984][MPro Mesh][Zyxel One_Agent] Some wifi clients will disappear in APP and Connectivity page.
Other	2. [#236997][ACTS][Stress] Power on/off to reboot CPE for 50 times, TR69 GetParameterValues parameters fail (Run 50 times and happened fail 29 times)
WAN	3. [#237062][WAN] LAN PC can't get IP via Con-current WAN.
Security	4. [#237203][Security] CPE should not display ddns content file in console
WLAN	5. [#237278][WLAN] SpiltSSID doesn't work when disable / enable via 5G general page
System	6. [#237471][System] The default setting value are not match between DST & GUI.
WLAN	7. [#237495][ACTS][WLAN][TR181] When MLO enable, SSID will be configured to the old setting
QoS	8. [#239144][QoS]Active Classification Setup, but not work
WLAN	9. [#239262][WLAN] SSID of 5GHz MAC Autnenticaation are empty
WLAN	10. [#239269][ACTS][WLAN][TR181][TR369] WLAN Client connect to 5G, Device.Hosts.Host.3.InterfaceType show ethernet
WAN	11. [#239621][WAN] CPE can't get WAN ip(no VLAN , first time) when use SFP PM7000-01.
Security	12. [#239842][CVE-2024-8176] Zyxel-SI-1605 [Vulnerability] The libexpat open source library is vulnerable to DoS attacks through stack overflow
Security	13. [#239855]Zyxel-SI-1612 Improper privilege management in VMG4005-B50A
Security	14. [#239870][CVE-2025-6599] Zyxel-SI-1616 [Vulnerability] Slow HTTP DoS vulnerability in the DX3301-T0
Security	15. [#239891][CVE-2025-6599] Zyxel-SI-1621 [Vulnerability] Slow read DoS vulnerability on the zhttpd web server
Security	16. [#239906][CVE-2025-8693] Zyxel-SI-1624 [Vulnerability] A

	post-authentication command injection vulnerability in the certificate upload CGI program of DX3300-T0 and VMG3925-B10B
MPro Mesh	17. [#240072][MPro Mesh] The agent icons shown on the Connectivity page of the EE and PE series are all WX5600.
System	18. [#240168][eITS#250501971] After reboot modem don't work EE5301-00
MPro Mesh	19. [#240440][MPro Mesh] WiFi 7 clients neighboring RP agent are also reluctant to connect.
WLAN	20. [#243305][eITS#251000455] Enabling Guest WiFi while Bridge mode is active make bridge connection disconnect
MPro Mesh	21. [#235498][MPro Mesh] MESH topology information is no longer updated when there are wifi 7 clients connected in AP roaming test.
MPro Mesh	22. [#236843][ACTS][Mpro Mesh][TR-369] Data element Parameter check fail
TR-069	23. [#237277][TR-069]About downgrade protection, parameter "Device.X_ZYXEL_FEATRUE_FLAG.SupportFirmwareDowngrade" not work
WAN	24. [#237320][WAN] CPE WAN is Multi WAN (IPoE+Bridge) and add Interface Grouping, When the CPE has data transmission, the Internet LED displays green on.
TR-369	25. [#237830][TR-369] Multiple VoIP config can't setting via TR-369
MPro Mesh	26. [#239124][ACTS][Mpro Mesh][TR-369] RP agent Hostname is null and BackhaulPHYRate is 0
MPro Mesh	27. [#240011][MPro Mesh][Zyxel One_Agent] When add Extender_WE3300 via HW WPS, see the agent icon is show wrong in Agent detail information and My Zyxel Devices page.
MPro Mesh	28. [#240096][MPro Mesh] EE5301 Connectivity page displays WiFi 7 clients RSSI as 0
MPro Mesh	29. [#240126][MPro Mesh] EE5301 by Default, 5G change channel to Band 3 (CH100~CH128) need to wait 10 min.

Modifications in V5.63(ACLD.2)b2

● Feature Enhancement

Modified Modules	Features Enhancement List
WLAN	[#236312]Rom convert for "enable weather channel"

● Bug Fixed

Modified Modules	Bug Fixed List
Other	1. [#230521][eITS#250301538] IKEA Dirigera control hub not able to set up connection with iPhone through LAN
WLAN	2. [#236099]iPhone disconnect from Wi-Fi and cannot reconnect, incorrect password
	3. [#236723][WLAN] Connectivity page can't display all connected clients.
	4. [#237505][WLAN] Not sure UK Band4 is it necessary support weather channel [120/124/128]
	5. [#237506][ACTS][WLAN][TR181] WiFi.AccessPoint.1.Security.ModesSupported Should not include WEP-64 & WEP128
MPro Mesh	6. [#236792][MPro Mesh] Connection page displays RP_agents RSSI as 0
	7. [#236922][MPro Mesh][Zyxel One_Agent] After add extender finished, iOS_APP Network and GUI Connectivity List page, it will see one extra Controller. For Android_APP to Network page, it will lead to crash.
	8. [#236937][MPro Mesh][Zyxel One_Agent] All Agent's Link Rate and wifi client's Max Speed are show wrong.
	9. [#236953][MPro Mesh] After WiFi reloading, there is a certain probability that the controller and Agent 5G bandwidth will be inconsistent. This will cause the "zyMAPSteer" daemon to disappear. (error rate: 30%)
	10. [#236957][Zyxel One_Agent] When turn off Controller LED

	lights via APP, the Controller LED will dark but all agent LED light still on.
	11. [#236999][ACTS][MPro Mesh] Onboarding fail, Agent can't connect to controller
	12. [#237388][Zyxel One_Agent] Cloud APP should support LED Control.
WAN	13. [#237063][WAN] Con-current WAN display "Bridge Port 4" on GUI, but CPE only 3 LAN ports.
	14. [#237279][WAN] CPE console can't display Manually added SFP(1000M).
SYSTEM	15. [#237100][SYSTEM]In connectivity list, active button can't be active
GUI	16. [#237109][GUI]In Connectivity,Wi-Fi sheet not display
Security	17. [#237160][Security] The Content-Security-Policy only frame-ancestors 'self'
	18. [#237222][Security] L2TP VPN rule create fail.
QoS	19. [#237308][Qos] Classification Exclude option incorrect location.
LAN	20. [#237559][LAN] Wake by Address address list did not display LAN Client IP.

Modifications in V5.63(ACLD.2)b1

● Feature Enhancement

Modified Modules	Features Enhancement List
Other	1. [#229634][eITS#250300183] IOP problem with SOLID-OPTICS 1G transceiver GLC-BX-U20-SO
GUI	2. [#230842] WEB GUI meets the request of Europe EAA (European Accessibility Act)
	3. [#231736][Feature] Modify MoreAP title from Guest\MoreAP to MoreAP
	4. [#232633][eITS#250401065] Request option for user to disregard WPA password complexity requirement
WLAN	5. [#230520][eITS#250301536] Synchronize X_ZYXEL_CountryInBeacon values in mesh

	6. [#230935][Feature] enable weather channel
	7. [#231327] Mesh is enabled by default and is not configurable in the GUI.
	8. [#232320][Feature] Extend auto channel selection check period from one hour to eight hours
	9. [#232565] Zyxel one over Wi-Fi OPAL 2.0 RESTful API implementation
	10. [#235113][eITS#250500688] Request support for TR-181 parameters
Security	11. [#230840] EN18031 OPAL20 product compilance release
	12. [#236155] Zyxel certificate for OneCloud services
TR-369	13. [#230844][Feature] Support dataelement for Zyxel Cloud
	14. [#232566] Zyxel one over cloud with WiFi analytic TR181 v1.2 over TR369
	15. [#232567] zyxel one over cloud with basic feature V1.1 TR369 data model.
	16. [#233831] "[Config] Lifmote default controller setting"
	17. [#236163] #14_ Making MacAddress a unique key in Device.X_ZYXEL_Change_Icon_Name.
	18. [#236167] #13_Block special character in the account user name field
	19. [#236172] #18 WIFI mapping feature
	20. [#236176] #10 [Feature] Support Device.X_ZYXEL_LedCtrl.
	21. [#236183] Device.WiFi.AccessPoint.i.Security.X_ZYXEL_KeyPassphraseCheck
	22. [#236189][BUGFIX] backslash increasing problem
	23. [#236196][BUGFIX] Subscription Recipient index will set to 1
	24. [#236204] "[Feature] Add parameter X_ZYXEL_Channel_24G, X_ZYXEL_Channel_5G under Device.Hosts.Host."
	25. [#236218][Enhance] TR369 Certficate
	26. [#236253][BUGFIX] hosts with empty value
	27. [#236256][Feature] Bulk data parameter maximum length
	28. [#236259][Feature] Lifmote customization parameters for meminfo

System	29. [#232133][eITS#250400371] EEE default setting, TR181 EEE-parameters and CLI commands
	30. [#236160][Feature] Timezone Auto Detect parameter in RESTful API
	31. [#236179][Feature] Follow RESTFul API, add APPUICustomization Parameters
	32. [#236186][Feature] Support cloud agent flag in RESTFul API
	33. [#236192][Feature] Add parameter for cloud licensing
	34. [#236199] "[Feature] Follow RESTFul API, add MeshReboot MeshResetAllSetting"
	35. [#236215][Feature] Host Mana
	36. [#236250][Feature] Parental Control Overnight feature
TR-471	37. [#233926][eITS#250500245] Feature request for support of TR-471 and usage instructions

- **Bug Fixed**

Modified Modules	Bug Fixed List
Security	1. [#225356][Security] Home Security function can not work for https
	2. [#234616] CVE-2024-6531: Bootstrap v4.6.2 Vulnerability
	3. [#235621][CVE-2024-8176] Zyxel-SI-1605 [Vulnerability] The libexpat open source library is vulnerable to DoS attacks through stack overflow
TR-369	4. [#225504][TR-369] While TR-369 Local Agent -> General is enable, add MQTT rule. GUI display incorrect.
	5. [#236210][BUGFIX][ZYXCPE-98] All data model becomes empty time to time
	6. [#236262] Fix Device.X_ZYXEL_Change_Icon_Name.Internet_Blocking_Enable
System	7. [#226043][System] When using XGS-PON SFP PM7000-01, whether the QoS page can be hidden.
GUI	8. [#230093][GUI] Connection Uptime should add space before "seconds" word, Connectivity page should add

	space after "hours" word
WLAN	9. [#230519][eITS#250301534] Device.WiFi.Radio.1.X_ZYXEL_CountryInBeacon not working
Other	10. [#233496][2F FUT] Controller auto reboot
	11. [#233829] SFP list not working with large lists of SFPs
	12. [#234850][eITS#250501050] SFP list not working with large lists of SFPs

Modifications in V5.63(ACLD.1)C0

Based on V5.63(ACLD.1)b3 to release V5.63(ACLD.1)C0

Modifications in V5.63(ACLD.1)b3

- **Feature Enhancement**

Modified Modules	Features Enhancement List

- **Bug Fixed**

Modified Modules	Bug Fixed List
WAN	[#232787][WAN] WAN MAC should't same as 2.4G Wi-Fi MAC , it need follow rule(br0+3).

Modifications in V5.63(ACLD.1)b2

- **Feature Enhancement**

Modified Modules	Features Enhancement List
VoIP	[#229732][eITS#250300871] SIP Provider and SIP Accounts from customer should be hidden
System	[#229733][eITS#250300867] EE5301-00 must be support SSIP
System	[#229735][eITS#250300868] EE5301-00 must be support sRTP

System	[#229736][eITS#250300869] EE5301-00 must be support TR369
Web	[#229738][eITS#250300870] Posibility to switch OFF the LED´s via Web-GUI
Other	[#231527] EN18031 OPAL20 product compilance release
Web	[#231528] WEB GUI meets the request of Europe EAA (European Accessibility Act)
WLAN	[#232319][Feature] Extend auto channel selection check period from one hour to eight hours

- **Bug Fixed**

Modified Modules	Bug Fixed List

Modifications in V5.63(ACLD.1)b1

- **Feature Enhancement**

Modified Modules	Features Enhancement List
SFP	1. Feature #228862: [eITS#250201022] IOP problem with SOLID-OPTICS 1G transceiver EE 5301-00 2. Feature #228863: [eITS#250201003] IOP problem with OEM GLC-BX-U-C 1G transceiver EE 5301-00
WAN	1. Feature #228814: [eITS#250101577] Only one Default GW possible EE 5301-00
VOIP	1. Feature #227831: [eITS#250101242] Voice Fallback IPv6 > IPV4 (in case of a DualStack IPv4v6 interface). 2. Feature #227830: [eITS#250101238] Carry voice over IPV6

- **Bug Fixed**

Modified Modules	Bug Fixed List
MPro Mesh	1. Bug #224500: [MPro Mesh][Zyxel One_Agent] Reboot AP_Agent/Controller via APP, AP_Agent do auto configure fail.

	2. Bug #224803: [MPro Mesh] Asymmetric "Avg_Tx / Rx" found when testing throughput. 3. Bug #227802: [MPro Mesh] When the extender presses WPS first, the controller will assume that another controller is conducting WPS.
Other	1. Bug #230090 Disable OTF calibration by default

Modifications in V5.63(ACLD.0.1)C0

Based on V5.63(ACLD.0.1)b1 to release V5.63(ACLD.0.1)C0

Modifications in V5.63(ACLD.0.1)b1

Modified Modules	Bug Fixed List
wifi	Bug #230087 Disable OTF calibration by default

Modifications in V5.63(ACLD.0)C0

Based on V5.63(ACLD.0)b4 to release V5.63(ACLD.0)C0

Modifications in V5.63(ACLD.0)b4

- **Bug Fixed**

Modified Modules	Bug Fixed List
	1. Bug #228135 [Interface group] Multi WAN (Routing+Bridge) using interface grouping can't work well. 2. Bug #228170 [eITS#250101616] unable to disable wifi triggered directly from bootstrap event, see ticket: 231000063 3. Bug #227977 [Stress][72 hours] The LAN side wired client can't reach CPE LAN IP address & MOD can't play during 72 hour at 學禮樓 site-2.

Modifications in V5.63(ACLD.0)b3

- **Bug Fixed**

Modified Modules	Bug Fixed List
MPro Mesh	1. Bug #225977: [MPro Mesh] ZyPark Multy Pro stress test environment, EE5301 After a period of stress test, the domain cannot be pinged(about 1hrs). 2. Bug #225524: [MPro Mesh] Synchronizing the wireless password with spaces to the agent will cause auto_config fail. 3. Bug #225480: [MPro Mesh] EE5301 Steering does not work 4. Bug #224803: [MPro Mesh] Asymmetric "Avg_Tx / Rx" found when testing throughput. 5. Bug #224500: [MPro Mesh][Zyxel One_Agent] Reboot AP_Agent/Controller via APP, AP_Agent do auto configure fail. 6. Bug #224458: [MPro Mesh] WE3300 AP agent/ RP agent auto switch test may cause the AP mode signal LED to go out.
Others	1. Bug #225271: [TR-069] After CPE set static WAN IP and unplug / plug WAN cable during connection process, CPE can't get ACS connection request any more. 2. Bug #225313: [TR-181] GPV ['Device.WiFi.NeighboringWiFiDiagnostic.DiagnosticsState'] but it display None. 3. Bug #225522: [System] The default setting value are not match between DST & GUI. 4. Bug #225591: [WAN] Add new PPPoE wan does not work. 5. Bug #225662: [TR-143] TR-143 test with IPv6, does not pass PQA criteria. (62mbps) 6. Bug #225668: [QoS] Shaper Profile for WAN Interface can not work 7. Bug #225729: [WAN] CPE WAN is Multi WAN, and the default gateway WAN is pppoe mode. When the CPE has data transmission, the Internet LED displays green on.

Modifications in V5.63(ACLD.0)b2

● Feature Enhancement

Modified Modules	Features Enhancement List
Qos	Bug #222465: [QoS] [Known issue] Qos function not ready

● Bug Fixed

Modified Modules	Bug Fixed List
SFP	1. Bug #223264: [SFP] Status LED shouldn't keep Green on when CPE in O2~O4 status(Amber Blinking). 2. Bug #223274: [SFP] Optical signal status should show complete information. 3. Bug #223098: [SFP] CPE can not display correct SFP information
WAN	1. Bug #223059: [WAN] CPE can't get WAN ip when use SFP THMPRS-3511-10A. 2. Bug #223061: [WAN] CPE can't get WAN ip when use SFP THMPRL-2788-10B. 3. Bug #222923: [WAN] CPE GUI should support SFP Management page 4. Bug #222951: [WAN] Internet LED is dark when data transfer or get WAN IP. 5. Bug #223380: [WAN] GPON WAN setting should match ETHWAN in Broadband page. 6. Bug #223581: [WAN] When CPE use ETHWAN , System Info should't display GPON serial number. 7. Bug #222448: [WAN] MTU work fail when it is increasing (ex: 1400 to 1500) (PPPoE & IPoE)
MPro Mesh	1. Bug #224251: [MPro Mesh][Duration: 4days][Occur: 1 time] After Mesh stress test 4 days then Controller upgrade FW, AP_Agent do auto configure fail. 2. Bug #224447: [MPro Mesh] EE3301 internet LED will not light up 3. Bug #224462: [MPro Mesh] MESH environment with AP

	agent will easily lead to unsuccessful wifi guest sync, RP agent cannot ping through after connecting back. 4. Bug #224463: [MPro Mesh][Zyxel One_Agent] In Power Monitor page, it can't get any information . 5. Bug #224526: [MPro Mesh]EE5301 Perform Mesh Full Factory Reset --- test failed 6. Bug #223517: [ACTS] [MPro Mesh] cannot on boarding when controller reset and enable 2.4/5 guest1 wifi 7. Bug #223518: [ACTS] [MPro Mesh] agents cannot reconnect to controller when enable controller guest1/2/3 wifi setting 8. Bug #223521: [ACTS] [MPro Mesh] agents cannot reconnect to controller when power off agents and modify controller wifi setting 9. #222732 [WLAN] When Mesh & MLO is enabled, disable Wi-Fi 5G via Card page and Wireless General page. DUT behavior are different.
TR-143	1. Bug #223343: [TR-143] ACS SPV UploadDiagnostics can not work and CPE return 9003+9007 fault code 2. Bug #222871: [TR143] CPE can not execute HTTP Download Diagnostic if the Server Port is not 80. 3. Bug #222881: [TR143] CPE can not execute IPv6 HTTP Download Diagnostic test
Others	1. Bug #222286: [IGMP] When multiple clients play the same IPTV channel, if any client changes the channel, it will send a "Leave Group" packet and other clients will stop playing 2. Bug #222338: [LAN] Econet platform not suppot IGMP Snooping in GUI 3. Bug #222643: [Security] WAN PC can not ping LAN PC successfully via IPv6 4. Bug #222791: [TR-181] CPE can not download Local CA with password via ACS 5. Bug #222981: [TR069] Deviceinfo.Description of CPE is wrong 6. Bug #223132: [WLAN] The 2.4G or 5G Wi-Fi client can't

	connect to CPE Guest SSID 7. Bug #223198: [TR-369] When user selects a different WAN instead of "Default" in TR-369 "General" page, GUI will return to "Default", and setting not effect. 8. Bug #223206: [TR-369] The design of "WAN Interface Used by TR-369" on TR-369 Local Agent General page should follow TR-069. 9. Bug #223306: [WLAN] In 5G Band4 bandwidth 20/40/80 MHz, the channel list shouldn't include ch165. 10. Bug #223726: [Stress] [Time: 14hrs] [Occurs: 1 times] Do Full loading overnight stress, DUT happened call trace once. (TR-471)

Modifications in V5.63(ACLD.0)b1

● Feature Enhancement

Modified Modules	Features Enhancement List
APP	Feature #221170: [APP] Zyxel One APP implement

● Bug Fixed

Modified Modules	Bug Fixed List