ZYXEL

Zyxel

Access Points Release Note
Firmware V6.40 Patch 6

Date: July 14, 2022

Zyxel Access Points

V6.40(P6)C0 Release Note

Overview

This document provides firmware release information on Zyxel Access Points platforms, introduce new Access Points, new features and enhancements, bug fix, known issues and workarounds information for Release V6.40 Patch6 C0.

Supported Platforms

- NWA110AX V6.40(ABTG.6)
- NWA1123ACv3 V6.40(ABVT.6)
- NWA210AX V6.40(ABTD.6)
- NWA220AX-6E V6.40(ACCO.6)
- WAC500 V6.40(ABVS.6)
- WAC500H V6.40(ABWA.6)
- WAX510D V6.40(ABTF.6)
- WAX610D V6.40(ABTE.6)
- WAX620D-6E V6.40(ACCN.6)
- WAX630S V6.40(ABZD.6)
- WAX640S-6E V6.40(ACCM.6)
- WAX650S V6.40(ABRM.6)

New Features and Enhancements

1. Support new AP model. The NWA220AX-6E, WAX620D-6E and WAX640S-6E are added to Nebula in this release. NWA220AX-6E is a NebulaFlex AP that supports standalone and Nebula cloud managed mode; WAX620D-6E and WAX640S-6E are NebulaFlex Pro AP that comes with 3 management modes: standalone, controller managed and Nebula cloud managed modes. It comes with 1 year Nebula Pro Pack license bundled.

2. The U/I of WiFi settings are enhanced for WiFi 6E (6GHz).

3. Support more radio settings correlated while selecting deployment template on Nebula control center.

4. Added MAC authentication fallback option that allows a wireless client to bypass captive portal if a station passed MAC authentication on Nebula control center.

5. Improve log wordings to easy of read and more detail information for troubleshooting.

6. Support WPA3 security option on Standalone AP wizard.

7. Device login page enhancement to add more on-boarding information.

Bug fix

Mode Bug fix	Cloud	Managed	Standalone
1. [eITS: 211000247] [Symptom] Cannot get any of the access points to upgrade their firmware	V		
2. [eITS: 211200358] [Symptom] Fast roaming doesn't work with DPPSK, clients get default vlan IP after roaming	V		
3. [eITS: 220200710] [Symptom] When user set Emoji on the default SSID, no pop-out window	V	V	V
4. [eITS: 220100520] [Symptom] Fix TCP port 83/84 need to be turned off problem when using vulnerability scanning	V	V	V
5. [eITS: 211200432] [Symptom] configure dynamic VLAN. Clients get original SSID VLAN IP	V		

Mode Bug fix	Cloud	Managed	Standalone
6. [Symptom] Mesh SSID is visible and called 'smart_mesh' and 'SG_xxxxxxxx'	V		

Known Issue

Mode Known Issue	Cloud	Managed	Standalone
1. [eITS: 220601044] [Symptom] Accounting packet missing Framed-IP attribute.	V	V	V
2. [eITS: 220400788] [Symptom] 802.11AX QCA model reboot caused by NSS abnormal	V	V	V
3. [Symptom] WAX620D-6E, WAX640S-6E, and NWA220AX-6E LED would still display blue light even if stations are connected.	V	V	V
4. [Symptom] WAX620D-6E, WAX640S-6E, and NWA220AX-6E ipv6 dhcp6 address-request not get ipv6 address	V	V	V
5. [Symptom] Client will disconnect if it first reauth fail after Fast Roaming	V	V	V

Limitation of Settings:

N/A