Release Note

Important Notice:
This firmware upgrade is irreversible. Contact support if issues are encountered after the firmware upgrade.

Version Info:

1. **Firmware Version:** 1.3.6 Build 20260306 Rel. 14246
2. **Applied Model:** EAP650-Outdoor v1.0/v1.20
3. **Minimum FW Version for Update**: 1.2.1 Build 20241009 Rel. 71927
4. **Fully Adapted Omada Controller version:** 6.0.
5. **Fully Adapted Omada App version:** 5.0.
6. For downloading any firmware version, please refer to Omada Download Center .

New Features:

1. Added PPSK support for multiple RADIUS servers.
2. Added Bluetooth Location and iBeacon suppor.
3. Added refined encryption suites to support WPA3-only mode.
4. Added support for Prohibit Wi-Fi Sharing.
5. Added IP address renewal support after replacing the gateway.
6. Added AP Portal redirect to HTTPS.
7. Added RADIUS Log In/Log Off and CHAP authentication in Standalone mode.
8. Added ping-pong roaming and Non-Stick Roaming optimization.
9. Added support for MAC authentication with LDAP.
10. Added support for Hotspot 2.0.
11. Added support for PPSK by GRE Tunnel.
12. Added support for GRE Tunnel.
13. Added support for disabling the Reset button in Controller mode.
14. Added device power information to LLDP messages.
15. Added VLAN pool functionality.
16. Added air interface optimization features.
17. Added support for client device identification.
18. Added support for WPA3-Enterprise configuration in standalone mode.
19. Added active speed display for wired clients connected to downlink ports.
20. Added DNS adoption configuration in Standalone mode.
21. Added CDN download support in Standalone mode.
22. Added adaptation to the new visual identity (VI).
23. Added over-the-air wireless packet capture.
24. Added more SNMPv3 configuration options under Controller mode.
25. Added DFS channel selection to 5 GHz band after ACS scanning; disabled Auto selection to DFS channels in factory mode.
26. Added IPv6 address reporting for wired clients connected to downlink ports.
27. For QCA chipsets supporting 160 MHz on Wi-Fi 6 models, added default 5 GHz auto bandwidth setting to 160 MHz.

Enhancements:

1. Optimized the Auto Bandwidth Selection mechanism.
2. Optimized ACS and background scanning mechanism.
3. Enhanced security.

Bug Fixed:

1. Fixed an issue where accounting might be abnormal after roaming when using PPSK with RADIUS bound MAC encryption.
2. Fixed an issue where the device might disconnect in certain scenarios.
3. Fixed an issue where the device might experience a memory leak when the network is unstable.

Additional Information:

1. Adapted for the new Omada VI.
2. Adapted for RED Certification.