Release Note

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

Version Info:

1. **Firmware Version:** 1.10.1 Build 20260916 Rel. 19974
2. **Applied Model:** EAP650-Desktop v1.0
3. **Minimum FW Version for Update**: 1.1.0 Build 20251105 Rel. 50852
4. **Fully Adapted Omada Controller version:** 6.3.
5. **Fully Adapted Omada App version:** 5.3.
6. For downloading any firmware version, please refer to Omada Download Center.

New Features:

1. Added support for OUI-Based VLAN and OUI-Based MAC Filtering.
2. Added support for WIDS (Wireless Intrusion Detection System) and WIPS (Wireless Intrusion Prevention System).
3. Added support for EAP 802.1X Guest VLAN.
4. Added support for Enhanced IoT Connectivity.
5. Added support for Conditional SSID Broadcast Control.
6. Added support for Incident Detection.
7. Added support for recording and reporting client online events that occur while the EAP is disconnected.
8. Added Support for the Omada Config tool to batch configuration of Omada devices.
9. Added Support for portal authentication/deauthentication buttons to the client list in the web interface.
10. Added Support for CLI commands to support iPerf3 speed tests.
11. Added Support for brute-force attack prevention for AP adoption via the controller.
12. Added Support for the Load Balancing feature.
13. Added Support for the time window setting for Adaptive WLAN Optimization.
14. Added Support for the Wi-Fi Calling feature.
15. Added Support for the NAT Traversal feature.

Enhancements:

1. Improved mDNS responder performance.
2. Improved stability for rogue AP scanning.
3. Improved multicast performance by reducing CPU usage.
4. Enabled decoupling between PoE Out and LAN Port Status for independent configuration.
5. Improved system stability.
6. Improved device health performance.
7. Optimized device cloud upgrade timeout scenarios, supporting Breakpoint Resume functionality.
8. Optimized the client list display on the web interface, adding the guest client list.
9. Adjusted the Band Steering function to only apply at the SSID level.

Bug Fixed:

1. Improved 802.11r compatibility and fixed the issue where some clients couldn't connect when both WPA3-Enterprise and 802.11r were enabled.
2. Fixed the issue where the Portal logout URL containing uppercase letters cannot be used for logout via a browser.
3. Fixed system stability problems triggered by abnormal mDNS packets.
4. Fixed the issue where the ACL allow list for inter-terminal communication was not effective when guest networks were enabled.
5. Fixed topology display anomalies in some scenarios.
6. Fixed the issue where guest clients could not access the portal logout page.
7. Fixed the issue where wired terminals still appeared online after being offline for 5 minutes.
8. Fixed the issue where PPSK configuration changes did not take effect promptly on controllers earlier than V5.14.

Additional Information:

1. Adapted for DAC certificates with the DeviceSecret mechanism.