Release Note

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

Version Info:

1. **Firmware Version:** 1.3.31 Build 20261112 Rel. 09582
2. **Applied Model:** EAP725-Outdoor v1.0
3. **Minimum FW Version for Update**: 1.0.4 Build 20250917 Rel. 84060
4. **Fully Adapted Omada Controller version:** 6.2.
5. **Fully Adapted Omada App version:** 5.2.
6. For downloading any firmware version, please refer to Omada Download Center.

New Features:

1. Added support for the Omada Config tool for batch configuration of Omada devices.
2. Added support for portal authentication and deauthentication from the client list in the web interface.
3. Added support for iPerf3 speed tests through CLI commands.
4. Added support for brute-force attack prevention for AP adoption via the controller.
5. Added support for Load Balancing.
6. Added support for time window settings for Adaptive WLAN Optimization.
7. Added support for Wi-Fi Calling.
8. Added support for NAT Traversal.

Enhancements:

1. Improved Load Balancing to distribute clients more evenly in high-density environments.
2. Improved Load Balancing for multi-band SSIDs to optimize client steering and admission.
3. Improved Load Balancing for OWE-encrypted networks to better distribute load during high-concurrency access.
4. Improved coordination between Fast Roaming and Load Balancing to enhance roaming experience and network stability.
5. Enhanced cloud access security.
6. Optimized device cloud upgrade timeout scenarios, supporting Breakpoint Resume functionality.
7. Optimized system stability.
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. Fixed an issue where CLI client queries displayed incorrect results.
2. Fixed an issue where traffic priority markings were incorrect for Wi-Fi Calling.
3. Fixed an issue where wired clients displayed incorrect IPv4/IPv6 information in Mesh deployments.
4. Fixed an issue where some clients repeatedly disconnected and reconnected on MLO networks.

5. Fixed an issue where devices could not obtain an IP address or join the network in Mesh deployments with Port VLAN configured.
6. Fixed an issue where SPAKE2+ authentication information could become incorrect after a configuration rebuild.
7. Fixed an issue where LED status indications were incorrect after entering Recovery Mode.
8. Fixed an issue where client uptime was displayed incorrectly in some secured network scenarios.
9. Fixed an issue where Mesh recovery could take too long after a DFS channel change.
10. Fixed an issue where SSIDs might not broadcast in certain scenarios after a Controller migration.
11. Fixed an issue where abnormal mDNS packets could cause system stability issues.
12. Fixed an issue where timestamps in DFS channel change logs were incorrect.
13. Fixed an issue where roaming VLAN settings could be lost after enabling Fast Roaming on enterprise authentication networks.
14. Fixed an issue where wireless clients could not access the internet in certain VLAN configurations.
15. Fixed an issue where some clients experienced connection, roaming, and performance issues on MLO networks.
16. Fixed an issue where devices could go offline in Mesh deployments using Loopback Detection and Port VLAN.
17. Fixed an issue where SSID VLAN information was displayed incorrectly in Standalone mode.
18. Fixed an issue where devices could intermittently go offline during extended periods of high multicast traffic.
19. Fixed an issue where link switch status was displayed incorrectly in Standalone Mesh deployments.
20. Fixed an issue where Portal logout could fail if the domain name contained uppercase letters.
21. Fixed an issue where devices could intermittently go offline during large-scaleconfiguration deployment.
22. Fixed an issue where client isolation did not take effect after enabling Guest Network for the first time.
23. Fixed an issue where TX power was displayed inconsistently across different management modes.
24. Fixed an issue where firmware signature verification could be bypassed due to a security vulnerability.
25. Fixed an issue where the ACL allow list for inter-terminal communication did not take effect when Guest Network was enabled.
26. Fixed an issue where topology information was displayed incorrectly in certain scenarios.
27. Fixed an issue where guest clients could not access the Portal logout page.
28. Fixed an issue where wired clients remained displayed as online after being offline for more than 5 minutes.
29. Fixed an issue where PPSK configuration changes did not take effect promptly on controllers running versions earlier than V5.14.
30. Fixed an issue where the Controller could not adopt the device in certain scenarios.

Additional Information:

1. Adapted for DAC certificates with the DeviceSecret mechanism.