# 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:** EAP720 v1.0
3. **Minimum FW Version for Update**: 1.1.2 Build 20250901 Rel. 74897
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.

## 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.

## Bug Fixed:

1. Fixed an issue where CLI client query results were displayed incorrectly.
2. Fixed an issue where traffic priority markings for Wi-Fi Calling were incorrect.
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 was displayed incorrectly after entering Recovery Mode.
8. Fixed an issue where client uptime was displayed incorrectly in certain secured network scenarios.
9. Fixed an issue where Mesh recovery could take an excessively long time after a DFS channel change.
10. Fixed an issue where SSIDs might fail to broadcast in certain scenarios after a Controller migration.
11. Fixed an issue where abnormal mDNS packets could affect system stability.
12. Fixed an issue where incorrect timestamps were recorded in DFS channel change logs.
13. Fixed an issue where roaming VLAN settings could be lost after enabling Fast Roaming in enterprise authentication environments.
14. Fixed an issue where wireless clients could not access the internet in certain VLAN configurations.

15. Fixed an issue where some clients could experience connection, roaming, or performance problems on MLO networks.
16. Fixed an issue where devices could go offline in Mesh deployments when Loopback Detection and Port VLAN were enabled.
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 prolonged 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 when the domain name contained uppercase letters.
21. Fixed an issue where devices could intermittently go offline during large-scale configuration deployments.
22. Fixed an issue where client isolation did not take effect after Guest Network was enabled for the first time.
23. Fixed an issue where firmware signature verification could be bypassed under certain conditions.
24. 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.