Release Note

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

Version Info:

1. **Firmware Version:** 1.6.31 Build 20260826 Rel. 07193.
2. **Applied Model:** EAP610-Outdoor 1.0/1.20/1.26/1.30/1.36.
3. **Minimum FW Version for Update**: 1.6.1 Build 20260303 Rel. 11489.
4. **Fully Adapted Omada Controller version:** 6.1.
5. **Fully Adapted Omada App version:** 5.1.
6. For downloading any firmware version, please refer to Omada Download Center .

New Features:

1. Added support for SPAKE2+ authentication and encrypted communication channels, strengthening credential protection and communication security.
2. Added support for device certificates and mutual TLS (mTLS) authentication between devices and Controller, strengthening device access and communication security.

Enhancements:

1. Enhanced the device credential verification mechanism to improve authentication security.
2. Enhanced cloud platform authentication capabilities to improve account security and access control.

Bug Fixed:

1. Fixed an issue where the log timestamps were shifted by one hour during DFS channel switching when Daylight Saving Time (DST) was enabled.
2. Fixed an issue where the AP memory usage continuously increased when Fast Roaming and Ping-Pong Roaming were enabled.
3. Fixed an issue where the client VLAN assignment was lost after roaming when the SSID was configured with WPA-Enterprise and 802.11r was enabled.
4. Fixed several known issues to improve system stability and reliability.

Additional Information:

1. Adapted to the deviceSecret mechanism.