Release Note

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

Version Info:

1. **Firmware Version:** 1.1.31 Build 20261112 Rel. 7114
2. **Applied Model:** EAP668-Outdoor HD v1.0/v1.6
3. **Minimum FW Version for Update**: 1.1.2 Build 20250731 Rel. 71418
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 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 the Controller, strengthening device access and communication security.
3. Added support for dynamic VLANs in the DHCP Option 82 VLAN field.

Enhancements:

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

Bug Fixed:

1. Fixed an issue where log timestamps were shifted by one hour during DFS channel switching when Daylight Saving Time (DST) was enabled.
2. Fixed an issue where 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 for the DAC certificates with devicesecret mechanism.