# Release Note

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

## Version Info:

1. **Firmware Version:** 1.8.42 Build 20261112 Rel. 23071
2. **Applied Model:** EAP610 v3.0
3. **Minimum FW Version for Update**: 1.8.0 Build 20260312 Rel. 14111
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 the Controller, strengthening device access and communication security.

## 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 security vulnerability CVE-2024-3596.
2. Fixed several known issues to improve system stability and operational reliability.

## Additional Information:

1. Adapted for the DAC certificates with devicesecret mechanism.