Release Note

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

Version Info:

1. **Firmware Version:** 5.1.37 Build 20261111 Rel. 30177
2. **Applied Model:** EAP110-Outdoor v3.0/v3.20
3. **Minimum FW Version for Update**: 5.1.2 Build 20250709 Rel. 66838
4. **Fully Adapted Omada Controller version:** 5.7.
5. **Fully Adapted Omada App version:** 4.10.
6. For downloading any firmware version, please refer to Omada Download Center.

New Features:

1. Added support for SPAKE2+ authentication and encrypted communication channels to further protect credentials and secure communications.
2. Added support for device certificates and mutual TLS (mTLS) authentication between devices and the Controller to enhance device onboarding and communication security.

Enhancements:

1. Optimized overall system stability.
2. Enhanced device credential validation by deprecating the legacy password verification algorithm, improving authentication security.
3. Enhanced cloud-platform authentication to strengthen account security and access control.

Bug Fixed:

1. Fix the issue which the client cannot connect to unencrypted ssid in some scenarios;
2. FIx the issue which the client will be kicked when connect 11r ssid in some scenarios;
3. Fix the issue which the ap can scan the enterprise encrypted ssid when ap is in repeter mode.
4. 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.