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 20261112 Rel. 07827
2. **Applied Model:** AP7650 v1.0/v1.6
3. **Minimum FW Version for Update**: 1.3.2 Build 20250731 Rel. 81708
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 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.
3. Added support for dynamic VLAN assignment in the VLAN field of DHCP Option 82.

Enhancements:

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

Bug Fixed:

1. Fixed an issue where clients lost their VLAN assignment after roaming when WPA-Enterprise and 802.11r Fast Roaming were configured.
2. Fixed multiple known issues to improve system stability and reliability.
3. 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.