Release Note

Important Notice:

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

Version Info:

1. **Firmware Version:** 1.4.4 Build 20260809 Rel. 29611
2. **Applied Model:**
   a) ER8411(JP) v1.0
   a) ER8411(JP) v1.20
3. **Minimum FW Version for Update**:
   1.3.1 Build 20250611 Rel. 68769
4. **Recommended Omada Controller version:** 6.2.14.
5. **Recommended Omada App version:** N/A
6. For downloading any firmware version, please refer to Omada Download Center .

New Features

1. Added support for V6 Plus and DS-Lite dial-up.
2. Added support for configuring multiple DHCP IP pool ranges when operating as a DHCP server.
3. Added support for displaying DHCP-assigned client IP information when managed by a controller.
4. Added support for multi-channel configuration. Standalone configuration is supported through the local web interface when disconnected from the controller.
5. Added support for SpeedTest.
6. Added support for configuring SIP ALG ports.
7. Added support for NAT Traversal.

Enhancements

1. Optimized device boot time.
2. Improved overall system stability and reliability.
3. Optimized menu layout and usability.
4. Improved network configuration deployment efficiency.
5. Reduced resource consumption for traffic statistics.
6. Optimized Load Balancing configuration.
7. Optimized VPN configuration experience.
8. Expanded SD-WAN capacity.
9. Enhanced compatibility and reliability of DHCP, routing, WAN failover, VPN, and network services.
10. Improved controller management, configuration synchronization, and device adoption stability.
11. Improved interoperability for LLDP, mDNS, SNMP, IPTV, and related network services.

12. Improved IPv4/IPv6 connectivity, policy routing, traffic forwarding, and Internet access reliability.
13. Enhanced IPsec, OpenVPN, L2TP, and WireGuard VPN stability and performance.
14. Improved client identification accuracy, reporting reliability, and log management.
15. Updated the Geo-IP database to improve location accuracy for certain IP addresses.
16. Improved browser compatibility and Standalone management experience.
17. Enhanced overall system scalability, security, and networking performance.

Bug Fixed

1. Fixed multiple issues related to DHCP services, DHCP Relay, IP address assignment, and DHCP client reporting.
2. Fixed controller management and configuration synchronization issues that could affect device adoption and configuration deployment.
3. Fixed several VPN-related issues involving IPsec, OpenVPN, L2TP, and VPN user management.
4. Fixed issues affecting ACL, Policy Routing, and Port Forwarding rule enforcement in specific scenarios.
5. Fixed issues related to WAN failover, load balancing, SD-WAN, PPPoE dial-up, and Internet connectivity stability.
6. Fixed several IPv4/IPv6 interoperability issues, including connectivity and online detection under dual-stack environments.
7. Fixed issues affecting LLDP, mDNS, SNMP, IPTV, and other network service functions.
8. Fixed issues related to client identification, traffic processing, and device reporting accuracy.
9. Fixed several web management interface issues, including browser compatibility, display, and configuration management.
10. Updated the Geo-IP database to improve location accuracy for certain IP addresses.
11. Improved VPN traffic forwarding reliability and tunnel establishment stability.
12. Improved system logging reliability and event reporting accuracy.
13. Improved device stability under large-scale deployments and high-load scenarios.
14. Improved overall system stability, reliability, and security.