

Release Note

Important Notice:

This firmware version does not support downgrade. If you encounter any issues after upgrading, please contact Omada Technical Support.

Version Info:

1. **Firmware Version:** 1.4.1 Build 20260708 Rel. 64832

2. **Applied Model:**

- a) ER8411(UN) 1.0
- b) ER8411(UN) 1.6
- c) ER8411(UN)1.20
- d) ER8411(UN)1.26
- e) ER8411(IN)1.28

3. **Recommended Omada Controller version:** 6.2.14

4. **Recommended Omada App version:** NO

5. **Minimum FW Version for Update:**

- a) UN v1.0: 1.3.5 Build 20251028 Rel.06811
- b) UN v1.6: 1.3.5 Build 20251028 Rel.06811
- c) UN v1.20: 1.3.5 Build 20251028 Rel.06811
- d) UN v1.26: 1.3.5 Build 20251028 Rel.06811
- e) IN v1.28: 1.3.5 Build 20251028 Rel.06811

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, IPsec VPN stability, and traffic forwarding performance.
13. Updated the Geo-IP database to improve location accuracy for certain IP addresses.
14. Improved browser compatibility and Standalone management experience.
15. Enhanced overall system reliability, scalability, and networking performance.

Bug Fixed:

1. Fixed an issue where negative values could not be configured for DHCP Option 2.
2. Fixed an issue where the gateway failed to report serial number information to the controller.
3. Fixed an issue where ACL rules did not take effect for VPN users.
4. Fixed an issue where no event log was generated when the DHCP server reached the device limit under certain conditions.
5. Fixed an issue where invalid LAN names configured on the controller could cause rules and related LAN DNS settings to become ineffective after a full configuration deployment.
6. Fixed an issue where the mDNS Repeater feature could not process mDNS packets containing NSEC records.
7. Fixed an issue where the Manrope font was displayed incorrectly in the web interface.
8. Fixed an issue where traceroute traffic could be routed through the backup WAN when Link Backup was enabled.
9. Fixed an issue where IPv6 dial-up could affect IPv4 online detection.
10. Fixed an issue where a switch could fail to obtain an IP address from the gateway after a firmware upgrade.
11. Fixed an issue where the built-in Windows L2TP client could disconnect unexpectedly after connecting to the gateway's L2TP server.
12. Fixed an issue where USB modem status was not displayed on the System Status page after reboot when operating in 3G mode.
13. Fixed an issue where client blocking rules might not take effect after a reboot in certain scenarios.
14. Fixed an issue that could cause PPPoE dial-up failures when PPPoE profiles were configured through the Cloud-Based Controller.
15. Fixed issues related to LLDP packet handling.
16. Fixed an issue affecting wired client reporting.
17. Fixed an issue where some LAN clients could intermittently fail to access HTTPS websites after multiple WAN failovers.
18. Fixed an issue where WAN Alias configurations could cause SD-WAN connectivity interruptions.
19. Fixed an issue where incomplete controller configuration synchronization could affect gateway settings.
20. Fixed an issue where devices operating as OpenVPN servers in Full Mode could not properly communicate with remote-side controller deployments.
21. Fixed an issue where Port Forwarding rules might not take effect after device reboot in certain scenarios.
22. Fixed an issue where some logs could be lost while Link Backup was enabled.
23. Fixed an issue where IPTV traffic forwarding could fail in specific scenarios.
24. Fixed an issue where the device could report incorrect neighbor information through LLDP.
25. Fixed an issue that could result in high CPU utilization during IPv6 dial-up operation.

26. Fixed an issue related to remote management entries generated by SSL VPN and OpenVPN virtual subnets.
27. Fixed an issue where Internet access could be interrupted when multiple bandwidth control rules were configured.
28. Fixed an issue where PPPoE connections might occasionally fail to reconnect automatically. Fixed an issue where Internet access could be affected when WAN MTU was configured below 1500.
29. Fixed an issue where Policy Routing rules might not apply correctly to certain traffic.
30. Fixed an issue where DPI settings on one VLAN could unexpectedly affect other VLANs.
31. Fixed an issue where IPsec tunnels could occasionally fail to establish under specific configurations.
32. Fixed an issue where ACL rules did not apply correctly to IPsec VPN traffic.
33. Fixed an issue that could occasionally result in incorrect client identification.
34. Fixed an issue where the device could become unresponsive when handling a large number of IPsec tunnels.
35. Improved overall system stability, reliability, and security.
36. Updated the Geo-IP database to improve location accuracy for certain IP addresses.
37. Fixed an issue where some traffic was not automatically routed through established IPsec tunnels.
38. Fixed an issue in Standalone Mode where modifying a VPN user could unexpectedly affect other VPN user entries.
39. Fixed an issue where OpenVPN Client might occasionally fail to start automatically after a reboot.
40. Fixed an issue where new IPsec tunnels could fail to be created when identical Phase 1 parameters were used.
41. Fixed an issue affecting Safe Search feature compliance with DNS standards.
42. Fixed an issue where VPN connections could fail when MAC Filtering was enabled in whitelist mode.