

Release Note for ER7412-M2(UN) v1.0/v1.60/v1.20/v1.26

Important Notice:

This firmware upgrade is irreversible. Contact Omada technical support if downgrade is required.

Version Info:

1. Applied Model:

- a) ER7412-M2(UN) v1.0
- b) ER7412-M2(UN) v1.60
- c) ER7412-M2(UN) v1.20
- d) ER7412-M2(UN) v1.26

2. Firmware Version: 1.1.0 Build 20251015 Rel. 63594

3. Minimum FW Version for Update:

- a) UN v1.0: 1.0.1 Build 20240719 Rel. 56423 and above
- b) UN v1.60: 1.0.1 Build 20240719 Rel. 56423 and above
- c) UN v1.20: 1.0.1 Build 20240719 Rel. 56423 and above
- d) UN v1.26: 1.0.1 Build 20240719 Rel. 56423 and above

For downloading of any firmware version, please refer to [Omada Download Center](#).

4. Recommended Controller Version: 5.15.20

5. Recommended APP Version: No

New Features:

- 1. Added SD-WAN function.
- 2. Added Virtual WAN function.
- 3. Added Disable NAT function.
- 4. Domain name supported for OpenVPN and Wireguard VPN.
- 5. Added Google LDAP.
- 6. Added LAN DNS function.

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7. Added FQDN function.
 8. Added Wildcards WAN DHCP Option.

Enhancements:

1. System Resource–Related:
 - a) Optimized CPU utilization.
 - b) Optimized the time to enable backup link.
 - c) Optimized booting time.
 - d) Optimized the time to dial up the WAN link.
 - e) Optimized the time to upgrade FW.
2. VPN-Related
 - a) Optimized the time to generate OpenVPN profile.

Bug Fixed:

1. Fixed the HTTPS redirection exception in standalone mode.
2. Fixed the issue where the static route for L2TP VPN doesn't take effect after re-enabling L2TP VPN.
3. Fixed the WOL exception when dropping some unknown unicast packets.
4. Fixed the issue where the PPTP VPN would occasionally disconnect.
5. Fixed the issue of DNS abnormal in specific scenario causing adoption failure.
6. Fixed the issue that DHCP Reservation did not take effect in certain scenarios.
7. Fixed the issue that the DHCP address pool would not generate any log when all IP addresses were exhausted in specific scenarios.
8. Fixed the issue that the L2TP server process occasionally crashed.
9. Fixed the issue that the IPS process exited abnormally and generated a core-dump file, which led to memory exhaustion.
10. Fixed the issue that static route entries with special characters in the name field could not take effect.
11. Fixed the issue that the L2TP server occasionally leaked address pools when iOS devices connected.
12. Fixed the issue that WireGuard tunnel relay failed to communicate properly.
13. Fixed the issue that port forwarding was incorrectly applied to inter-VLAN traffic locally after enabling port forwarding.
14. Fixed the issue that mDNS packets were malformed due to mDNS malfunction.
15. Fixed device offline issues caused by IP pool expansion failures.
16. Fixed the issue that DHCP options 66/67 could not take effect properly.
17. Fixed several security issues.

Additional Information:

1. Adapted to the new Omada VI.
2. Enhanced device security.