

Release Note for ER7406(UN) v1.0/v1.20/v1.26/v1.6

Version Info:

1. Applied Models:

- a) ER7406(UN) v1.0
- b) ER7406(UN) v1.20
- c) ER7406(UN) v1.26
- d) ER7406(UN) v1.6

2. Firmware Version:

- 1.3.1 Build 20260325 Rel.78157

3. Minimum FW Version for Update:

- a) ER7406(UN) v1.0: 1.2.2 Build 20250724 Rel.11109 and above
- b) ER7406(UN) v1.20: 1.2.3 Build 20250929 Rel.69818 and above
- c) ER7406(UN) v1.26: 1.2.3 Build 20250929 Rel.69818 and above
- d) ER7406(UN) v1.6: 1.2.2 Build 20250724 Rel.11109 and above

To download any firmware version, please go to the [Omada Download Center](#).

4. Recommended Controller Version:

- 6.2.X

5. Recommended APP Version:

No.

New Features:

1. Add support for V6plus/DS-Lite dial-up mode.
2. Add support for multi-segment address pools for the DHCP server.
3. Add support for the DHCP user list to display the current clients with DHCP

IP addresses assigned.

4. Add support for multi-channel configuration.
5. Add support for the integrated SpeedTest tool.
6. Add support for specifying a port for SIP ALG.

Enhancements:

1. Optimized system boot time.
2. Optimized overall system stability.
3. Optimized menu order, adjusted function pages, and consolidated related pages for better user experience.
4. Optimized the efficiency of Network configuration delivery.
5. Optimized the resource consumption for traffic statistics.
6. Optimized load balance configuration.
7. Optimized VPN configuration process efficiency.

8. SD-WAN capacity expanded.

Bug Fixed:

1. Fixed the issue that DHCP Option 2 did not support negative value input.
2. Fixed the issue that Gateway did not report SN to Omada Controller.
3. Fixed the issue that ACL rules did not take effect for VPN users.
4. Fixed the issue that no logs were shown when the DHCP server capacity reaches device limit despite the available address pool capacity.
5. Fixed the issue that rules were missing while delivering full configuration and associated LAN DNS configuration invalidation when an illegal LAN name was configured on the Omada Controller.
6. Fixed the issue that the mDNS repeater was unable to handle mDNS packets containing NSEC fields, causing functional abnormalities.
7. Fixed the issue that the Manrope font displayed incorrectly across the gateway web interface.
8. Fixed the issue that traceroute test occasionally used backup WAN while primary WAN was online with link backup configured.
9. Fixed the issue that IPv6 dialing interfered with the IPv4 online detection check.
10. Fixed the issue that the switch device was unable to obtain an IP address from the gateway after a firmware upgrade.
11. Fixed the issue that the Windows built-in L2TP client automatically

disconnected after connecting to the gateway L2TP server for one minute.

12. Fixed the issue that the USB modem in 3G dialing mode did not display dial-up status on the System Status page after reboot.

13. Fixed the issue that the configuration of blocking a client did not take effect when multiple clients were connected after a device reboot.

14. Fixed the issue that PADI timed out when PPPoE Profile was configured on Omada Central System.

15. Fixed the issue of LLDP packet anomalies.

16. Fixed the issue of wired client reporting.

17. Fixed the issue that part of the LAN IP address was unable to access the HTTPS website (Port 443 Unreachable) after multiple WAN failovers.

18. Fixed the issue of SD-WAN disconnection caused by WAN Alias configuration.

19. Fixed the issue of full device configuration being wiped while the controller was not delivering full device configuration.

20. Fixed the issue that the device was unable to be adopted by Omada Controller because they were unable to access the OpenVPN server in full mode as an OpenVPN client.

Additional Information:

No.