

This firmware is fully adapted to Omada SDN Controller 5.8.

New Feature/Enhancement:

1. Add RIP and OSPF dynamic routing function in Standalone mode.
2. Add support for CLI configuration in Standalone mode.
3. Add Reboot Schedule in Standalone mode.
4. Add DHCPv6 PD Server in Standalone mode.
5. Add support for DHCP Option field.
 - Option 2: Time Offset
 - Option 42: NTP Server Network Boot,
 - Option 67: TFTP Server
 - Option 252: WPAD URL
 - DHCP Options Customization
6. Add MRU Configuration for PPPoE.
7. Add Full mode for OpenVPN.
8. Add IPsec Failover function.
9. Add SHA2-384 and SHA2-512 for IPsec.
10. Add WireGuard VPN.
11. Add import DHCP Reservation Entry and export to IP-MAC Binding Entry.
12. Add Keywords mode for URL Filtering in Controller mode.
13. Add modification to port PVID in Controller mode.
14. Add Bonjour Service, Service, and Client Network options for mDNS.
15. Add Quality of Service function.
16. Add DDNS Customization.
17. Add DNS Proxy, with DNSSEC, DoH, and DoT supported.
18. Add LDAP Authentication for PPTP/L2TP/OpenVPN and Web Authentication. Web Authentication only support in Standalone mode.
19. Add Bridge VLAN: you can bind multiple VLANs with one LAN interface.
20. Add VoIP data only goes from a certain WAN port, and that WAN port only allows VoIP to pass through.
21. Optimized the judgment logic of large ping attack/WAN ping attack.

Bug Fixed:

1. Fix the bug that DHCP Server cannot assign an IP address when a large number of clients make DHCP requests at the same time.
2. Fixed the bug of not being able to assign the correct reserved IP address.
3. Fix the bug that slow loading when accessing Web UI with Chrome kernel browser.
4. Fix the bug that the memory leak after enabled mDNS Reapter.
5. Fix the bug that client can't access the Internet when Allow Address is all 0 in Wireguard VPN.

Notes:

1. Your device's configuration won't be lost after upgrading.