This firmware is adapted to Omada SDN Controller 5.8.

New Feature/Enhancement:

1. Add stateful ACL.

2. Add mDNS Repeater .

3. Add support for setting port speed and duplex mode in Controller mode.

4. Add support for setting port mirroring in Controller mode.

5. Optimized the logic of judging Me in ACL. If you need to use ACL to restrict the connection to VPN client, please select Me in Destination. Please note that if Me is included before the upgrade, the client may not be able to access the Web UI after the upgrade.

6. Add support for displaying the Source IP address of large Ping attack packets.

7. Optimized the DNS settings on the WAN side, the WAN side cannot set the DNS Server of the same network segment as the LAN.

8. DHCP Server's DNS support for adding network addresses.

9. Add "Certificate + Account" mode for OpenVPN.

10. Add IP-MAC binding in Controller mode.

11. Add One-to-One NAT in Controller mode.

12. Add "Custom IP" type for Local Networks in Controller mode.

13. Add "IP Address Range" type to VPN IP Pool in Controller mode.

14. Add Time based ACL in Controller mode.

15. Optimized Auto IPsec in Controller mode.

16. 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

17. Add MRU Configuration for PPPoE.

18. Add Full mode for OpenVPN.

19. Add SHA2-384 and SHA2-512 for IPsec.

20. Add import DHCP Reservation Entry and export to IP-MAC Binding Entry.

21. Add Bonjour Service, Service, and Client Network options for mDNS.

22. Add Keywords mode for URL Filtering in Controller mode.

23. Add Quality of Service function.

24. Add Reboot Schedule in Standalone mode.

25. Add IPsec Failover function.

26. Add VoIP data only goes from a certain WAN port, and that WAN port only allows VoIP to pass through.

27. Add DDNS Customization.

28. Add modification to port PVID in Controller mode.

29. Add support multiple WAN interfaces for policy routing in controller mode.

30. 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. Fix the bug of not being able to assign the correct reserved IP address.

3. Fix the bug of memory leak.

4. Fix the bug that some functions were lost in controller mode.

Notes:

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

2. If you find that the memory usage is greater than 70% in the device page, we recommend that you reduce the traffic or reboot the device before upgrading.