

New Feature/Enhancement:

1. Fully adapted to Omada Controller v5.9, with the following features supported:
 - 1) CLI Configuration;
 - 2) IPv6 features, including MLD Snooping, Legal DHCPv6 Server, ACL, Static Route, etc.;
 - 3) IP-Port Mask type for Group profiles;
 - 4) Network topology optimization by reporting LLDP information to the Omada Controller;
 - 5) Device Info;
 - 6) Tools, including Network Check, and Terminal.
2. Modified the working mechanism of DHCP Snooping. After the upgrade, when the Port Trust mode is disabled, the switch records the IP address, MAC address, VLAN ID, and Port number of the DHCP client for automatic binding; when this mode is enabled, the switch doesn't record the above information of the DHCP client connected to the port, and doesn't generate IMPB binding entries. By default, this mode is enabled, and should be changed to Disabled for access ports if necessary.
3. Modified the working mechanism of MVR. You will be able to add 4000 MVR groups, but the number of Maximum MVR groups in effect at the same time remains the same, varying from model to model. Note that after the upgrade, unknown multicast groups may be flooded, and it is recommended to set Unknown Multicast Groups of IGMP Snooping and MLD Snooping to "Discard".
4. Increased the Circuit ID of DHCP Option 82 from 64 to 128 symbols.
5. Expanded the ERPS Ring ID from 1-8 to 1-255 available.
6. Added support for the CLI to display the DHCP lease times for IMPB binding entries learned by DHCP Snooping.
7. Expanded the description of hostname, port, and interface to 128 symbols.
8. Expanded the Banner MOTD to 1,024 symbols.
9. Upgraded SSH algorithms.
10. LLDP-MED can set vid and L2 priority fields at the same time.
11. Enable DHCP Auto install by default.
12. Support for obtaining IPv6 prefixes as Client.
13. Add support for reboot/reset of the device via CLI in Controller mode.
14. Optimized the default NTP server used by the device.
15. Optimized the log that the device would frequently report high CPU occupancy after a large number of VLANs were configured.

16. Add support for LLDP summary.

Bug Fixed:

1. Fix the bug that LLDP aging caused VoIP ports to be removed from VLAN.
2. Fix the bug that Loopback-Detection does not detect VLAN that may lead to loops.

Notes:

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