

Release Note

Version Info:

1. **Firmware Version:** 1.20.10 Build 20260929 Rel.20719
2. **Applied Model:**
 - a) SX6632YF(UN) v1.0
 - b) SX6632YF(UN) v1.6
 - c) SX6632YF(UN) v1.20
 - d) SX6632YF(UN) v1.26
3. **Fully Adapted Omada Controller version:** 6.1.0.
4. **Fully Adapted Omada App version:** N/A.
5. For downloading any firmware version, please refer to [Omada Download Center](#).

New Features

1. Upgraded the underlying software platform to FEP 2.0, improving system stability and future feature scalability.
2. Added support for PTP and IEEE 802.1AS.
3. Added support for DHCPv6 Server and enhanced DHCP Server functionality, including DHCPv6 Server, RA Server, and DHCPv6 PD Server, to facilitate migration from IPv4 to IPv6.
4. Added support for COPP to enhance CPU and control plane protection, improving network robustness.
5. Added support for Dying Gasp to meet O&M requirements.
6. Added support for summarizing OSPF AS external redistributed routes.
7. Added support for Virtual MAC and MAD.
8. Added support for policy-based routing (PBR) to match multicast traffic.
9. Added support for VRF, including VRF-based ACL groups and VRF Lite.
10. Added support for a high-strength password hashing algorithm, improving the security of password data. (Requires Omada Controller V6.2.14 or above.)

Enhancements

1. Improved ACL capacity and configuration flexibility.
2. Increased client capacity to 32,768.
3. Optimized the authentication and configuration delivery mechanisms between the device and Cloud-Based/Local Controller. (Requires Omada Controller V6.2.14 or above.)
4. Optimized the authentication mechanism when devices are initially onboarded to the cloud management platform. (Requires Omada Controller V6.2.14 or above.)
5. Optimized ERPS convergence performance.
6. Optimized ARP processing performance.
7. Optimized DHCP Server and DHCP Relay processing performance.
8. Optimized multicast processing performance.
9. Optimized routing protocol processing performance.
10. Optimized MSTP protocol processing performance.

Bug Fixed

1. Fixed an issue where endpoint devices could not be identified correctly.
2. Fixed an issue where ECMP default routes could cause adoption abnormalities.
3. Fixed an issue where topology convergence became abnormal after an ERPS sub-ring owner node rebooted in specific ERPS deployment scenarios.
4. Fixed an issue where LLDP-MED configuration became abnormal after a Controller upgrade.
5. Fixed an issue where configuring DNS could cause adoption abnormalities under specific topologies.

Additional Information

1. SHA-256 Value:

a75099808dee424fd53c8683b51d6cecf728fee0550f5b145a8ccd922436a0d9

2. SHA-512 Value:

0df0a428af160461c52269e9e6b3728cf3a5c1860677694b2ed5674aab58d3ee50f840016be06e3de55e5404a017b9cd50fa7bb83cf7f959bb87a7694ce591d6