

ZYXEL

Software Release Note NebulaFlex Switch XMG1915 Series

Date: Dec. 18, 2024

Zyxel NebulaFlex Switch XMG1915 Series

V4.80(ACG_.3)C0 Release Note

Date: November 26, 2024

This document describes the features in the XMG1915 series for its 4.80(ACG_.3)C0 release.

XMG1915 series is a hybrid switch with NebulaFlex technology to support operation in either Standalone mode or Nebula cloud management mode.

Supported Platforms

Support Platform	Firmware version	Boot Version
Zyxel XMG1915-10E	V4.80(ACGO.3)C0	V1.00 02/13/2023
Zyxel XMG1915-10EP	V4.80(ACGP.3)C0	V1.00 02/13/2023
Zyxel XMG1915-18EP	V4.80(ACGQ.3)C0	V1.00 02/13/2023

New Feature and Enhancements

New Feature and Enhancements

1. [Standalone] Enhance security by forcing users to change the password after first login.
2. [Standalone] Support Zyxel Private MIB.
 - Hardware Monitor
 - Power Ethernet
 - Transceiver
3. [Standalone][Nebula] Expand NTP servers from 1 to 3.
4. [Nebula] Enhance the cloud auto recovery mechanism to prevent the device from being locked when the connection is unstable.

Bug fix

Bug fix	Nebula	Standalone
1. [eITS #230500705] [eITS #230901020] Switch sometime disconnect with NCC when DNS requery find server IP has changed.	V	-
2. Fixed incorrect swif0 interface counter in standard IfEntry MIB.	V	V
3. [eITS #230700521] Fixed crash issue which receiving an unexpected format DHCP packet when device enable DHCP snooping.	V	V
4. [eITS#230801140] Fix the crash when enable IPv6 and receiving an IPv6 NA packet.	-	V
5. [eITS #240100009] Fixed memory leak issue causing packet switching failure when the switch configures a non-existent IPv6 gateway and receives numerous unknown IPv6 packets.	-	V
6. [eITS #231201249] Fixed switch may reboot automatically when receiving IPv6 packets.	-	V
7. [eITS #230801482] Fixed an issue causing the switch to repeatedly switch from standalone mode to cloud mode leading to switch offline.	V	-
8. [eITS #240201138] Fixed an error caused by changing VLAN port settings after adjusting Voice VLAN ID.	-	V
9. [eITS #240300246] The switch hangs when an IPv6 client roams.	-	V
10. [eITS #240500205] Switch hang when click PD "Reset" via Neighbor page.	-	V

11.	[eITS #240501702] Fixed device IP address and uplink usage are not displayed correctly on Nebula.	V	-
12.	Fix the issue where checking the IPv6 routing table on the web causes the device to crash.	-	V
13.	[eITS #240601476] Continuously collecting the tech support file may cause the device to crash.	V	V
14.	[eITS # 240801076] Using SNMPwalk to query the Q-Bridge MIB will return incorrect values when voice VLAN is enabled on the device.	V	V
15.	[eITS #240900285] Fixed that certification display issue.	-	V
16.	[eITS#240901687] Fix the issue where the switch performs 2 or 3 PoE restarts during reboot.	V	V

Known Issue

Known Issue		Nebula	Standalone
1.	[Link aggregation] Only the first two criteria of link aggregation can be implemented concurrent. The third criteria will be dropped and follow the first one.	-	V
2.	[Cluster] Switch can't access cluster member when member's password is encryption.	-	V
3.	[Diagnostic] Diagnostic cable length detection with partner connection is	V	V

not accurate.

Limitation of Settings

Limitation of Setting	Nebula	Standalone
1. 802.1Q Static VLANs	1K	1K
2. Static MAC forwarding entry	-	256
3. MAC filtering entry	256	256
4. Static ARP entry	-	64
5. MAC table	16K	16K
6. IP Address table	-	128
7. Multicast group	1K	1K
8. IPv4 Static route max entry	-	8
9. IPv6 Static route max entry	-	8
10. IPv4 interface	8	8
11. IPv6 interface	-	8
12. Trunk groups	10E/10EP: 5 18EP: 9	10E/10EP: 5 18EP: 9
13. Per trunk group port number	8	8
14. MSTP instance	-	17(0-16)

Change History

- V4.80(ACG_.3) | 11/26/2024
- V4.80(ACG_.2) | 04/16/2024
- V4.80(ACG_.1) | 09/06/2023
- V4.80(ACG_.0) | 08/09/2023