

ZYXEL

Software Release Note

NebulaFlex Switch XGS1930 Series

Date: October. 03, 2022

Zyxel NebulaFlex Switch XGS1930 Series

V4.70(ABH_.5)C0 Release Note

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This document describes the features in the XGS1930 series for its 4.70(ABH_.5)C0 release.

XGS1930 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 XGS1930-28	V4.70(ABHT.5)C0	V2.00 07/10/2018
Zyxel XGS1930-28HP	V4.70(ABHS.5)C0	V2.00 07/10/2018
Zyxel XGS1930-52	V4.70(ABHU.5)C0	V2.00 07/10/2018
Zyxel XGS1930-52HP	V4.70(ABHV.5)C0	V2.00 07/10/2018

New Feature and Enhancements

Feature and Enhancements	Cloud	Standalone
1. Support MAC authentication by cloud authentication on NCC.	V	-
2. Support IGMP Report Proxy setting.	V	-
3. Support dynamic VLAN assignment through 802.1x authentication.	V	-
4. The interval time of Loop errdisable recovery can be configured now.	V	-
5. PoE scheduling still works even if the switch is disconnected from the NCC.	V	-

Note: The above cloud-only features will be supported by Nebula 15.1

Bug fix

Bug fix	Cloud	Standalone
1. [Vulnerability] Vulnerability protection for unauthenticated Denial-of-Service (DoS) by RpAnalyzeHttpRequest.	V	V
2. [ITS: 220700265] Firmware upgrade fails when the policy rule is bound to multiple classifiers.	-	V
3. [ITS: 220601396] Range in VLAN & socket related classifier settings might not work.	-	V

Known Issue

Known Issue	Cloud	Standalone
1. Ingress rate limit of TCP traffic is inaccurate.	V	V
2. The accuracy of cable diagnostic is +- 15m. When without cables, the value of distance to fault would not be 0.	V	V

Limitation of Settings:

Limitation of Setting	Cloud	Standalone
1. 802.1Q Static VLANs	1K	1K
2. Static MAC forwarding entry	-	256
3. MAC filtering entry	256	256
4. Cluster member	-	24
5. Port-security max address-limit number	16K	16K
6. Syslog server entry	2	4
7. MAC table	16K	16K
8. Multicast group	1K	1K
9. ACL	128	256
10. DHCP Relay Entry	-	17
11. Static ARP entry	-	256

Limitation of Setting	Cloud	Standalone
12. Static route max entry	32	32
	28(HP):12	28(HP):12
13. Trunk groups	52(HP):24	52(HP):24
14. Per trunk group port number	8	8
15. MSTP instance	-	0-16
16. Voice VLAN OUI entry	6	10
17. ZON neighbor per-port maximum clients	-	10

Change History

- V4.70(ABH_.5) | 10/03/2022
- V4.70(ABH_.4) | 07/29/2022
- V4.70(ABH_.3) | 11/01/2021
- V4.70(ABH_.2) | 06/02/2021
- V4.70(ABH_.1) | 03/26/2021
- V4.50(ABH_.7) | 07/30/2019
- V4.50(ABH_.6) | 07/23/2019
- V4.50(ABH_.5) | 03/11/2019
- V4.50(ABH_.4) | 11/02/2018
- V4.50(ABH_.3) | 09/26/2018
- V4.50(ABH_.2) | 08/30/2018
- V4.50(ABH_.1) | 06/20/2018