

ZYXEL

Software Release Note **NebulaFlex Switch XGS2220 Series**

Date: December 14, 2022

Zyxel NebulaFlex Switch XGS2220 Series

V4.80(A____.1)C0 Release Note

Date: December 14, 2022

This document describes the features in the XGS2220 series for its 4.80(A____.1)C0 release.

XGS2220 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 XGS2220-30	V4.80(ABXN.1)	V1.00 06/13/2022
Zyxel XGS2220-30F	V4.80(ABYE.1)	V1.00 06/13/2022
Zyxel XGS2220-30HP	V4.80(ABXO.1)	V1.00 06/13/2022
Zyxel XGS2220-54	V4.80(ABXP.1)	V1.00 06/13/2022
Zyxel XGS2220-54HP	V4.80(ABXQ.1)	V1.00 06/13/2022
Zyxel XGS2220-54FP	V4.80(ACCE.1)	V1.00 06/13/2022

New Feature and Enhancements

None

Bug fix

Bug fix	Cloud	Standalone
1. [Vulnerability] Vulnerability protection	V	V

Bug fix	Cloud	Standalone
for unauthenticated Denial-of-Service (DoS) by RpAnalyzeHttpRequest.		

Known Issue

Known Issue	Cloud	Standalone
1. The switch cannot access cluster member when cluster member's password been encrypted.	-	V
2. The link LED will turn on when plug-in SFP-100TX or SFP-1000T while cable is not connected.	V	V
3. User cannot do cable-diagnostic when the link speed is 10M.	V	V
4. When auto-negotiation fails or recovery occurs, the switch does not record syslog nor send out SNMP traps.	V	V
5. To execute port test on multi-G port, the port speed will be re-negotiation form the highest speed.	-	V
6. Only 2 criteria of link aggregation can be active at the same time.	-	V

Limitation of Settings:

Limitation of Setting	Cloud	Standalone
1. 802.1Q Static VLANs	1K	4K
2. Static MAC forwarding entry	-	256
3. MAC filtering entry	256	256
4. Cluster member	-	24
5. IP routing domain	32	32

6.	IGMP Filtering entry	256	256
7.	IGMP MVR entry	-	256
8.	Protocol based VLAN entries per port	-	7
9.	Port-security max address-limit number	16K	32K
10.	Syslog server entry	2	4
11.	IP source guard entry	128	512
12.	IP subnet based VLAN entry	-	16
13.	MVR VLAN entry	-	5
14.	VLAN-stacking Selective QinQ entry	-	128
15.	VLAN -mapping entry	-	128
16.	MAC table	32K	32K
17.	Routing table	64	64
18.	DHCP snooping binding table	-	16K
19.	Multicast group	1K	1K
20.	ACL	128	384
21.	DHCP option 82 profile	-	130
22.	static ARP entry	-	256
23.	Static route max entry	64	64
24.	MAC-based VLAN	-	512
25.	Voice VLAN OUI entry	6	10
26.	ZON neighbor per-port maximum clients	-	10
27.	IPv6 source guard binding table	-	50
28.	Queue	6	8

Change History

- V4.80(A____.1) | 12/14/2022
- V4.80(A____.0) | 11/21/2022

