



Software Release Note
Switch XGS2210 Series

Date: January 20, 2021

Zyxel Switch XGS2210 Series

V4.70(AAZ_.0)C0 Release Note

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This document describes the features in the XGS2210 series for its 4.70(AAZ_.0)C0 release.

Supported Platforms

Support Platform	Firmware version	Boot Version
Zyxel XGS2210-28	V4.70(AAZJ.0)C0	V1.00 01/25/2016
Zyxel XGS2210-28HP	V4.70(AAZK.0)C0	V1.00 01/25/2016
Zyxel XGS2210-52	V4.70(AAZL.0)C0	V1.00 01/25/2016
Zyxel XGS2210-52HP	V4.70(AAZM.0)C0	V1.00 01/25/2016

New Feature and Enhancements

mode New Feature and Enhancements	cloud	stacking	standalone
1. Support auto select IP interface for auto PD recovery ping mode.	-	V	V
2. Support guest VLAN on MAC based authentication.	-	V	V
3. Enhance IGMP snooping report proxy mechanism to support leave proxy.	-	V	V
4. Add IGMP report proxy to Web GUI.	-	V	V
5. Support IGMP snooping querier version selection.	-	V	V
6. Support IGMP snooping smart forward.	-	V	V
7. Support Networked AV mode.	-	V	V
8. Support DHCP server guard.	-	V	V
9. Support vendor ID based VLAN.	-	V	V

mode New Feature and Enhancements	cloud	stacking	standalone
10. Support load sharing for Non-unicast traffic in Link Aggregation Trunk port.	-	V	V
11. Enlarge LACP group number up to 48.	-	V	-
12. Support compound authentication for better network security.	-	V	V
13. Enhance copy-paste configuration via CLI/telnet/SSH.	-	V	V
14. VLAN list supports for VLAN status on Web GUI.	-	V	V
15. Support ARP inspection and DHCP snooping VLAN list on Web GUI.	-	V	V
16. Port-list for LLDP-MED network policy WEB.	-	V	V
17. Support 802.1X EAPoL flooding.	-	V	V
18. Interfaces features support trunk.	-	V	V
19. Support to show serial number/hardware version/registered MAC address on GUI/CLI/MIB.	-	V	V
20. Support to import HTTPS certificate on WebGUI.	-	V	V
21. Enhance port name and location to support special characters.	-	V	V
22. Support WOL relay.	-	V	V
23. Add force 802.3at option in power up mode.	-	V	V
24. Support ACL to block all packets with src.mac=00:00:00:00:00:00 on all ports with the rules.	-	V	V
25. Support auto-refresh port status.	-	V	V
26. Add established speed /duplex information into port link up status for "show logging" event.	-	V	V
27. Extend default logout time to 5 minutes for Web GUI.	-	V	V

mode New Feature and Enhancements	cloud	stacking	standalone
28. Service access control login timeout for Telnet/SSH - Support independent SSH session permission: when an SSH session is blocked, another session should be authorized. SSH time-out interval should be user configurable.	-	V	V
29. Add System log message when Switch has IP conflict.	-	V	V
30. Unknown multicast now can forward to querier port.	-	V	V
31. Gray-out LLDP/Neighbor Entry information upon time-out, instead of removing it from the list.	-	V	V
32. Add a log when Switch executes cable diagnostic and cause the port link down.	-	V	V
33. Support 30-minutes configurable time zone.	-	V	V
34. Support "Select all" to select all configuration to clone the port setting easily.	-	V	V
35. Enhance switch neighbor detail page	-	V	V
36. Add current boot configuration information along with the "Reboot System"	-	V	V
37. Add back to Status page while click detail/Neighbor.	-	V	V
38. Support IPv6 address for service access control.	-	V	V
39. Support to drop unknown multicast traffic per VLAN.	-	V	V
40. Support IPv6 in show multi-login.	-	V	V
41. When switch is within factory default configuration state, it will use default IP address of 192.168.1.1 as an interim IP if	-	V	V

mode New Feature and Enhancements	cloud	stacking	standalone
switch fails to obtain IP from DHCP server. The switch will also continue to request for IP form DHCP server in the background. Once switch requests DHCP IP successfully, a log to track change of IP will be recorded and default IP interface will be removed.			
42. Switch will response to ZON utility inquiry base on the VLAN where ZON utility is located.	-	V	V
43. Add IP table collision log	-	V	V
44. Support RFC 5424 for system log time stamp.	-	V	V
45. Relocate DNS setting to IP setup page for ease of use.	-	V	V
46. Add log of upgraded firmware version.	-	V	V
47. Add forum link into web GUI.	-	V	V
48. Support IPv6 address in switch neighbor page.	-	V	V
49. Add attribute NAS-IP-Address and allow user to configure.	-	V	V
50. Support DHCP snooping to bypass selected VLAN.	-	V	V
51. "enable" command can only be activated when its default password is changed.	-	V	V
52. Support ZON utility for IPv6 address display.	-	V	V
53. Add "show ipv6 neighbor" by page in the CLI.	-	V	V
54. Enlarge port name description string size from 64 to 128.	-	V	V
55. Support "show ipv6 ns tracking" to record IPv6 client information.	-	V	V
56. Support LLDP packet for L2PT.	-	V	V

mode New Feature and Enhancements	cloud	stacking	standalone
57. Support IPSG security loose mode.	-	V	V
58. Asymmetric flow control.	-	V	V
59. Stacking synchronize certificate	-	V	-
60. Support LAG on stacking port	-	V	-
61. Support VLAN isolation	-	-	V

Bug fix

None.

Known Issue

mode Known Issue	cloud	stacking	standalone
1. ACL policy rule's priority and 802.1p queue (in Basic setting -> Port Setup) action should be combined to take effect.	-	V	V
2. The cable diagnostic tolerance is +- 10M length.	-	V	V
3. Flow control doesn't support traffic cross stacking devices.	-	V	
4. Fiber ports cannot support port speed mode: Auto-Negotiation 1000M.	-	V	V
5. DHCP Snooping VLAN Port profile displays 4094 entries at most in web page.	-	V	V
6. The DHCP packets will be flooding when private VLAN and DHCP snooping are used at same time.	-	V	V

mode Known Issue	cloud	stacking	standalone
7. Strongly recommend not to downgrade firmware from 4.40 to 4.30, to avoid Stacking status and the reloading configuration process abnormal.	-	V	V

Limitation of Settings:

mode Limitation of Setting	cloud	stacking	standalone
1. 802.1Q Static VLANs	-	1k	1K
2. Static MAC forwarding entry	-	256	256
3. MAC filtering entry	-	256	256
4. Cluster member	-	-	24
5. IP interface	-	32	32
6. IGMP Filtering entry	-	256	256
7. IGMP MVR entry	-	256	256
8. Protocol based VLAN entries per port	-	64	7
9. Port-security max address-limit number	-	7	16K
10. Syslog server entry	-	32k	4
11. IP source guard entry	-	16	512
12. IP subnet based VLAN entry	-	16	16
13. MVR VLAN entry	-	5	5
14. MAC table	-	16K	16K
15. DHCP snooping binding table	-	16K	16K
16. Multicast group	-	1k	1k
17. ACL	-	384	384
18. DHCP option 82 profile	-	130	130
19. static arp entry	-	256	256
20. Static route max entry	-	64	64
21. DHCP Entry	-	16	16
22. Trunk groups	-	48	12/24
23. Per trunk group port number	-	8	8

mode Limitation of Setting	cloud	stacking	standalone
24. MSTP instance	-	0-16	0-16
25. MAC-based VLAN	-	512	512
26. Voice VLAN OUI entry	-	10	10
27. IPv6 source guard binding table	-	100	100
28. L3 forwarding table	-	1K	1K

Change History

- V4.70(AAZ_.0) | 01/20/2021
- V4.50(AAZ_.2) | 05/08/2020
- V4.50(AAZ_.1) | 05/22/2019
- V4.50(AAZ_.0) | 08/11/2017
- V4.40(AAZ_.0) | 10/26/2016
- V4.30(AAZ_.0) | 03/02/2016