



Software Release Note
Switch XGS4600 Series

Date: Dec. 17, 2021

Zyxel Switch XGS4600 Series

V4.70(AB__.2)C0 Release Note

Date: Dec. 17, 2021

This document describes the features in the XGS4600 series for its 4.70(AB__.2)C0 release.

Supported Platforms

Support Platform	Firmware version	Boot Version
Zyxel XGS4600-32	V4.70(ABBH.2)C0	V1.00 09/12/2016
Zyxel XGS4600-32F	V4.70(ABBI.2)C0	V1.00 09/12/2016
Zyxel XGS4600-52F	V4.70(ABIK.2)C0	V1.00 06/08/2017

New Feature and Enhancements

None.

Bug fix

1. [ITS:211000208] Enhanced Switch TCP throughput when network has 10G speed for uplink and 1G for downlink with iperf testing.
2. [ITS:211000376] Support zyDateTimeServerIpAddress (1.3.6.1.4.1.890.1.15.3.82.1.2) MIB.
3. [ITS:210200572] Wireless client cannot access internet after roaming to another access point connects to the same Switch because client's MAC address cannot move between ports. This only occurs on rare incident which client instead of Switch initiate the connected session.

4. [ITS:210500522] Every time switch updates igmp-snooping client statistic may cause reboot due to memory leak.
5. [ITS:210501222] Web GUI login page may encounter display error or problem to display proper login page when Switch is under concurrent TCP ping task.
6. [ITS:210701300] Switch supports IGMPv3 packet for source-type of "block source" parameter.
7. [ITS:211100996] Support Dynamic VLAN assignment when Switch is under loose mode for compound authentication.
8. [ITS:211200317] Loopback interface design enhancement to make sure loopback interface is created properly before set it up on Web GUI.

Known Issue

1. ACL policy rule's priority and queue action should be combined
2. RIP/OSPF only can learn 11968 routing entry
3. ACL cannot support Configuration update Layer 4 socket port range when using IPv6.
4. 10G port throughput can't reach full rate when the traffic is go through stacking port due to IC limitation. (Stacking mode only)
5. Flow control does not support traffic cross stacking devices. (Stacking mode only)
6. CA only import on master device. When master down, HTTPs session is insecurity.

Note: Please import CA on all switches before connecting the cable for stacking.

Limitation of Settings:

Limitation of Setting	Cloud	Standalone
1. Cluster member	-	24

Limitation of Setting	Cloud	Standalone
2. Max stacking device	-	-
3. VLAN 1Q static entry	-	4K
4. Static MAC forwarding entry	-	256
5. MAC filtering entry	-	256
6. IP routing domain	-	256
7. IGMP Filtering entry	-	256
8. IGMP MVR entry	-	256
9. VRRP entry	-	64
10. Protocol based VLAN entries per port	-	7
11. Port-security max address-limit number	-	32K
12. DHCP Server	-	16
13. Syslog server entry	-	4
14. IP source guard entry	-	1K
15. IP subnet based VLAN entry	-	16
16. MVR VLAN entry	-	5
17. VLAN-stacking Selective QinQ entry	-	1K
18. VLAN-mapping entry	-	1K
19. MAC table	-	32K
20. Routing table	-	12K
21. DHCP snooping binding table	-	16K
22. Multicast group	-	1k
23. ACL	-	1K
24. Policy route	-	64
25. DHCP option 82 profile	-	130
26. Remote port monitoring vlan	-	10
27. Static ARP entry	-	256
28. Static route max entry	-	64
29. MAC-based VLAN	-	1024
30. Voice VLAN OUI entry	-	10
31. ZON neighbor per-port maximum clients	-	10
32. IPv6 source guard binding table	-	100
33. WOL entry	-	32
34. L3 forwarding table (IPv4/IPv6)	-	8K/4K
35. Trunk groups (32/32F/52F)	-	Standalone: 16/16/26

Stacking:

48/48/48

Change History

- V4.70(AB__.2) | 12/17/2021
- V4.70(AB__.1) | 03/10/2021
- V4.70(AB__.0) | 01/20/2021
- V4.60(AB__.0) | 03/15/2019
- V4.50(AB__.1) | 09/12/2017
- V4.50(AB__.0) | 07/27/2017
- V4.40(AB__.2) | 06/12/2017
- V4.40(AB__.1) | 12/28/2016