



Software Release Note
NebulaFlex Switch GS2220 Series

Date: September 30, 2020

Zyxel NebulaFlex Switch GS2220 Series

Release Note

Supported Platforms

Support Platform	Firmware version
Zyxel GS2220-10	V4.70(ABRO.0)
Zyxel GS2220-10HP	V4.70(ABRP.0)
Zyxel GS2220-28	V4.70(ABRQ.0)
Zyxel GS2220-28HP	V4.70(ABRR.0)
Zyxel GS2220-50	V4.70(ABRS.0)
Zyxel GS2220-50HP	V4.70(ABRT.0)

New Feature and Enhancements

[Nebula Cloud mode]

1. Support LLDP MED.
2. Support Auto PD recovery.
3. Support port speed 10-an and 100-an option.(Local WebGUI only currently)
4. When switch is within factory default configuration state, it will use default IP address of 192.168.1.1 as an interim IP if 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.
5. Support network proxy for NCC connection.
6. While using ZON utility to discover the switch IP, the switch will respond to the IP address corresponding to the VLAN which scanning equipment attach to.
7. Support IGMP snooping querier version v2/v3 selection.

8. Support compound authentication option in port authentication for better security or for network devices like printer which can only use MAC authentication.
9. Add the upgraded firmware version in system log.
10. Add "year" information into system log.
11. Add forum link to web GUI so users can visit and find support easily.

[Standalone mode]

1. Support Auto PD recovery.
2. Support networked AV mode.
3. Support port speed 10-an and 100-an option.
4. When switch is within factory default configuration state, it will use default IP address of 192.168.1.1 as an interim IP if 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.
5. Support network proxy for NCC connection.
6. While using ZON utility to discover the switch IP, the switch will respond to the IP address corresponding to the VLAN which scanning equipment attach to.
7. Support IGMP snooping querier version v2/v3 selection.
8. Support compound authentication option in port authentication for better security or for network devices like printer which can only use MAC authentication.
9. Add forum link to web GUI so users can visit and find support easily.
10. Support IGMP report and leave proxy option to web GUI.
11. Add attribute NAS-IP-Address and allow user to configure.
12. "enable" command would be disabled by default.

13. DHCPv6 client mode is enabled by default.
14. IPv6 address auto configuration is enabled by default.
15. Support "show multi-login" to display login sessions via CLI.
16. Consolidate DNS setting to IP setup page for better efficiency to complete network IP setup.
17. Support guest VLAN on MAC based authentication.
18. Support SSH with IPv6.
19. Support DHCP server guard.
20. Support DHCP snooping bypass VLAN for CLI command to avoid CPU high which is caused by sudden burst of large quantity DHCP packets.
21. Display both IPv4&IPv6 address in neighbor page.
22. Support ZON utility for IPv6 address display.
23. Add the upgraded firmware version in system log.
24. Add "year" information into system log.

Bug fix

[Nebula Cloud / Standalone mode]

None