

ZYXEL

Software Release Note Switch GS1900 Series

Date: Oct. 26, 2022

Zyxel Switch GS1900 Series

V2.70(Axxx.3)C0 Release Note

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This document describes the features in the GS1900 for its 2.70(Axxx.3)C0 release.

Supported Platforms

| Support platform | Firmware version | Firmware release date |
|--------------------------|------------------|-----------------------|
| Zyxel GS1900-8 | V2.70(AAHH.3) | 07/27/2022 |
| Zyxel GS1900-8 Rev.B1 | V2.70(AAHH.3) | 07/27/2022 |
| Zyxel GS1900-8HP | V2.70(AAHI.3) | 07/27/2022 |
| Zyxel GS1900-8HP Rev.B1 | V2.70(AAHI.3) | 07/27/2022 |
| Zyxel GS1900-8HP Rev.B2 | V2.70(AAHI.3) | 07/27/2022 |
| Zyxel GS1900-10HP | V2.70(AAZI.3) | 07/27/2022 |
| Zyxel GS1900-10HP Rev.B1 | V2.70(AAZI.3) | 07/27/2022 |
| Zyxel GS1900-16 | V2.70(AAHJ.3) | 07/27/2022 |
| Zyxel GS1900-16 Rev.B1 | V2.70(AAHJ.3) | 07/27/2022 |
| Zyxel GS1900-24E | V2.70(AAHK.3) | 07/27/2022 |
| Zyxel GS1900-24E Rev.B1 | V2.70(AAHK.3) | 07/27/2022 |
| Zyxel GS1900-24 | V2.70(AAHL.3) | 07/27/2022 |
| Zyxel GS1900-24 Rev.B1 | V2.70(AAHL.3) | 07/27/2022 |
| Zyxel GS1900-48 | V2.70(AAHN.3) | 07/27/2022 |
| Zyxel GS1900-48 Rev.B1 | V2.70(AAHN.3) | 07/27/2022 |
| Zyxel GS1900-24EP | V2.70(ABTO.3) | 07/27/2022 |
| Zyxel GS1900-24HPv2 | V2.70(ABTP.3) | 07/27/2022 |
| Zyxel GS1900-48HPv2 | V2.70(ABTQ.3) | 07/27/2022 |

New Feature and Enhancements

1. Support hardware revision
2. Support IPv6 address for ZON utility.
3. WebHelp redirects to use online version.
4. Web GUI "Protected port" rename to "Port Isolation".
5. Extend NTP time synchronization interval from 30 seconds to 1 day.
6. For security enhancement, login password cannot be empty. When admin or user login with empty password, switch will redirect to change password page to change password forcibly.

Bug Fix

1. [CVE-2022-0778] Vulnerability protection to avoid DoS condition by OpenSSL infinite loop issue.
2. Existing time range group is not modifiable.
3. Fixed stopping power delivery issue on PoE switch models.
4. Collecting tech support file multiple times continuously may cause switch crashed.
5. Fixed uClibc and uClibc-ng library related vulnerability
6. New 802.1x connection and re-connection is not accessible, since dot1x tx thread is crashed. At the moment, switch stops sending logs to syslog server.

7. If a window session is not terminated by using the "Logout" button, after HTTP/HTTPS session timeout, any new web session afterwards, the Web GUI will always redirect to the switch login page when user click "Ignore", "Getting Started" or "Status" tab.
8. Switch does not respond properly to SNMP server via partial SNMPv3 settings in V2.70 patch 0 firmware. SNMPv3 entry will need to be set up again if the setting has been saved in V2.70 patch 0.
9. When adding RADIUS server with key string more than 30 characters, configuration is not retained after saving configuration and rebooting switch, and all related RADIUS settings will be eliminated.
10. Implement backup running configuration or startup configuration more than one time on web GUI, causing the page forcibly redirects from configuration backup page to switch login page.
11. When downloading running configuration or startup configuration on web GUI, web page shows 404 not found.
12. Switch does not send its hostname when reporting log to syslog server.
13. Fixed open SSL related vulnerability.
14. Fixed XSS related vulnerability.
15. Fixed JS library related vulnerability.
16. Fixed X-Frame options related vulnerability.
17. Fixed X-Content-Type-Options related vulnerability.
18. [CVE-2021-35031] Fixed Arbitrary command injection in TFTP.
19. [CVE-2021-35032] Fixed Arbitrary command injection in libsa.so.
20. [CVE-2012-6708] [CVE-2014-6071][CVE-201607103][CVE-2015-9251] [CVE-2019-11358] Fixed jQuery related vulnerability.

Known Issue

1. After upgrading to firmware V2.70 or later versions from V2.60 or prior versions, Switch will operate properly on the new firmware even though the firmware version indicate "Unknown". The recovery step is to reboot the Switch and it will display the correct firmware version.
2. If user ever saved the configuration in V2.70 patch 0, re-create SNMPv3 entry is required after upgrading to V2.70 patch 1.
3. If user tries to restore an illegal configuration (unofficial), login will always show authentication fail.
4. Incorrect display of system name when it contains special characters.
5. Some pages cannot display correctly when IE 8 enable "Compatibility View Settings".
Workaround - Upgrade IE browser to the latest version or disable "Compatibility View Settings."
6. Downgrade from V2.50 to V2.40 and below versions will cause admin account unable to login. This is due to password authentication algorithms are enhanced for vulnerability issues and is not backwards compatible. In the unlikely event of downgrading firmware, resetting to default can then login with default account and password.
7. Switch firmware V2.50 is only compatible with ZON V2.1.4, ZON V2.1.3 and lower are not compatible. Functions requiring password authentication will fail to authenticate due to previous ZON version does not support V2.50 password authentication algorithms.

Limitation of Settings:

1. 802.1Q Static VLAN: 1K
2. 802.1s instance : 16
3. Guest VLAN : 1
4. Static MAC entries : 64
5. The BWM works well with UDP only.

Change History

- V2.70(Axxx.3) | 10/26/2022
- V2.70(Axxx.1) | 02/15/2022
- V2.70(Axxx.0) | 11/08/2021
- V2.60(Axxx.4) | 06/30/2021
- V2.60(Axxx.3) | 01/13/2021
- V2.60(Axxx.2) | 09/17/2020
- V2.60(Axxx.1) | 06/17/2020
- V2.60(Axxx.0) | 02/25/2020
- V2.50(AAxx.0) | 10/21/2019
- V2.40(AAxx.2) | 06/05/2019
- V2.40(AAxx.1)_20180705 | 07/05/2018
- V2.40(AAxx.1) | 03/30/2018
- V2.40(AAxx.0) | 11/07/2016
- V2.30(AAxx.0) | 12/14/2016
- V2.20(AAxx.1) | 09/02/2016
- V2.20(AAxx.0) | 06/23/2016
- V2.10(AAxx.0) | 09/10/2015
- V2.00(AAxx.2) | 02/09/2015
- V2.00(AAxx.1) | 10/20/2014
- V2.00(AAxx.0) | 06/25/2014

- V1.00(AAxx.0) | 07/24/2013