

Previous SWP2 Firmware version **information**

SWP2 Firmware Rev.2.03.06

Vulnerability Responses

- Addressed the following vulnerability issues:
 - [CVE-2019-11477\(JVNVU#93800789\)](#)
 - [CVE-2019-11478\(JVNVU#93800789\)](#)
 - [CVE-2019-11479\(JVNVU#93800789\)](#)
- Addressed the following SSL v3 vulnerability issues:
 - [CVE-2014-3566](#)

New Functions

- Now supports multiple VLAN function.
- Now supports MLD Snooping function.
- Added a command to control whether EAP frames can be forwarded or not.
- The following pages have been added to the WebGUI detailed settings.
 - “Creating an access list”
 - “Apply access list”
- When a switch works as the querier while the IGMP snooping function and spanning tree are enabled, if a route change occurs due to cable disconnection, etc., a query will be sent immediately regardless of the query interval setting. This will resume the Dante multicast flow transmission shortly.

Enhancements

- The contents displayed by the “show interface brief” command have been optimized.
- The following changes were made in port authentication.
 - Supports dynamic VLAN in multi-supPLICANT mode.
 - Supports logical interface (Static and LACP).
 - Supports trunk port.
 - Added the status of the custom file for Web authentication to the execution result of the “show auth status” command.
- Policy map can be applied to link aggregation logical interface by QoS.
- The following settings of QoS can be changed with link aggregation logical interfaces.
 - Trust mode.
 - Default CoS value.
 - Port priority
- Access list can be applied to received frames of link aggregation logical interfaces by the ACL function.

- The interface specification option of the “clear ip igmp snooping group” command has been removed.
- The following changes were made in the WebGUI detailed settings.
 - Enabled to configure link aggregation logical interfaces in “QoS.”
 - When assigning LAN / SFP ports to the link aggregation logical interface in "Link aggregation," the QoS settings of each port are automatically unified.
- VLAN PRESET NORMAL disabled port 11 and 12 link aggregation and enabled spanning tree instead.
- The frame buffer size allocated per port has been increased to make it difficult for packets to be dropped when burst traffic occurs.

Fixed bugs

- Fixed a problem in which if you continue to access the WebGUI via HTTPS, you would not be able to log in to the WebGUI.
- Fixed a problem in which an unnecessary error log is output under the following conditions:
 - When disabling spanning tree on a port basis
 - When the VLAN interface to which the logical interface belongs is linked up or down
 - When creating or deleting a logical interface
 - When the multicast receiver end reception with the IGMP Snooping function
- Fixed a problem when IGMP Snooping related commands are configured in the IGMP Snooping function, an error may occur when executing the “ip igmp snooping disable” command.
- Fixed a problem when IGMP Snooping is disabled in the IGMP Snooping function, IGMP packets are not forwarded.
- Fixed a problem in which in the IGMP Snooping function, when there are multiple receiving terminals for one multicast, the multicast is not flooded even if all terminals have finished receiving.
- Fixed a problem where packets were not correctly prioritized by QoS.
- Fixed a problem in which the Trust Mode setting of the interface to which the policy map is applied may not be applied when it is restarted.
- Fixed a problem in which IGMP frames loop even if loop detection is enabled.
- Fixed a problem in which an authentication screen might not be displayed by Web authentication.
- Fixed a problem that caused packet drops in communication between ports with different communication speeds.
- Fixed the following problems in the WebGUI dashboard:
 - "Port blocked" was displayed when shutting down a port with loop detection.
- Fixed the following problems in the WebGUI detailed settings:
 - In the tag VLAN screen, the combo port on the SFP side that was the uplink cannot be set as a trunk port.
 - The error message was not displayed when selecting combo port with uplink in tag VLAN screen.
- Fixed a problem in which when the VTY port in use was invalidated, the corresponding console terminal would not terminate.
- Fixed a problem in which some Dante devices were not displayed in Yamaha LAN Monitor.
- Fixed some other minor problems.