

# **Previous SWX3220 Firmware** **version information**

## **V4.02.07**

### **New Functions**

- Supports the transfer function using directed broadcast.  
  
Carefully read the external specifications before using this function.
- Enables using LACP link aggregation with stack configuration.
- Supports web consoles.
- Added the following pages in the Detailed settings screen.
  - Port Authentication
  - Spanning Tree
- Added the Backup / Restoration pages to the Management screen of the Web GUI.
- Enables the interface gadgets to show port block status caused by the spanning tree protocol on the Dashboard screen of the Web GUI.

Please note that only the corresponding CIST ports is shown.

### **Enhancements**

- Addressed the following vulnerability in OpenSSL.
  - CVE-2020-1971(JPCERT/CC JVNVU#91053554)
- Addressed the following vulnerability in ISC DHCP.

- CVE-2021-25217(JPCERT/CC JVNVU#95111565)
- Enables the SYSLOG functions to output the following INFO level logs when more than one L2MS master is detected or the duplicate is resolved.  
  
[L2MS]:inf: L2MS master duplication detected. ( ADDR, portX.Y )  
  
[L2MS]:inf: L2MS master duplication resolved. ( ADDR, portX.Y )
- The open-source software license is now shown on the Web GUI help.

## Fixed Bugs

- Fixed a problem in which, in rare cases, a LAN port would not be linked-up at the startup.
- Fixed a problem in which the switch would not be able to communicate through the native VLAN when launching the switch using a config where either of the following commands was set to the interface.
  - switchport trunk allowed vlan add VLAN-ID
  - switchport trunk native vlan VLAN-ID
- Fixed a problem in which a port that satisfied the following conditions could be changed to a trunk port.
  - The port authorization setting is enabled and it is not in the multi-suppliant mode.
  - A guest VLAN is set.
- Fixed a problem in which the POWER indicator may not light in orange when an abnormal temperature was detected.
- Fixed a problem in which authentication may fail if the IP address was set and there was a linked-down VLAN interface in the RADIUS server function.

- Fixed a problem in which the communication speed status of the show interface command would not be updated according to the change made for the communication speed of the SFP+ port.
- Fixed a problem in which an IP address would not appear on the Web GUI if the static IPv4 address was set to a link local address (169.254.0.0/16).
- Fixed a problem in which the performance observation function would not show the past observation information (Day and Month) on the Dashboard screen of the Web GUI when the year changed.
- Fixed the following problems found in the tag VLAN page on the LAN map screen of the Web GUI.
  - The port number of an L2MS slave that does not support the stack function was incorrect.
  - An L2MS slave combo port did not appear.
  - Uplink/downlink arrows for a combo port did not appear.
- Fixed a problem in which showing the list map on the LAN map screen of the Web GUI with a system that included a switch from other manufacturers would corrupt the tree display.
- Fixed several problems that occurred during stack configuration.
- Fixed a problem in which receiving a certain L2MS message would result in a memory leak when the switch worked as an L2MS slave.
- Fixed some other minor problems.