

EtherWAN Managed Switch

Firmware Release Notes

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RELEASE SUMMARY

Version: 5.00.4.2

Release Date: June 17th, 2021

SUPPORTED PRODUCTS

EX78900E Series	EX73900E Series	EX75900 Series
EX78900X Series		

NEW FEATURES

1. **Added SNMP group feature for SNMPv3.**
2. **Added support for special characters (i.e. “!” and “#”) to be used in password.**
3. **Support for AES-128/192/256 encryption in SNMPv3.**
4. **Support for SNMPv3 Traps.**
5. **Support updating configuration files by USB.**
6. **Added a UDP port for remote logging host.**
7. **Support for Redundant Pairs.**

BUG FIXES

1. [IGMP] The switch can only learn the first multicast group when the user intends to join more than one multicast group.
2. [SNMP] When MAC notification traps are triggered, the memory allocation is incorrect.
3. [PoE] MIB information shows incorrectly under PoE Extend Mode.
4. [CLI & IPv6] When using "no ipv6 nd suppress-ra" CLI command, the switch may reboot unexpectedly.
5. [Static MAC Entry] The switch may block and discard the multicast MACs on source port.
6. [Static MAC Entry] Can't set the discarded MAC of Static MAC Entry thru Web GUI.
7. [Web] The MAC information displays incorrectly in Web GUI when the VLAN activities and its multicast MAC address per port is set.
8. [CLI & Remote-log] When using "remote-log add 192.168.1.14" CLI command, the switch may reboot unexpectedly.
9. [DHCP-Server] DHCP Server cannot automatically assign IP address.
10. [MSTP] After MSTP port is set from Web GUI, it may result in "500-Internal Server Error" in the Web interface.

11. [System] After power is turned off and then on again, there is a small chance that the fiber ports of the switch may be shut down incorrectly.



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RELEASE SUMMARY

Version: 5.00.3.3

Release Date: March. 31st, 2021

SUPPORTED PRODUCTS

EX78900E Series	EX73900E Series	EX75900 Series
EX78900X Series		

NEW FEATURES

- 1. Added IEEE 802.3 BT support for PoE models (EX78900E, EX75900 and EX78900X series).**
 - a. Note: The device will reboot twice before the firmware upgrade completes.**
- 2. Added OSPF distribute-list feature, which allows filtering routes from the routing table.**
- 3. Added Watchdog SNMP Trap Notification.**

ENHANCEMENTS

- 1. Improved Alpha-ring performance.**
- 2. Support for AXIS...etc. PoE camera access with auto-negotiation mode under 250M PoE connection.**
- 3. Improved the convergence time of MSTP while interworking with 3rd party switches.**

BUG FIXES

- 1. [PoE] PoE port consumption was incorrect once port force mode is enabled.**
- 2. [MSTP] When topology changes occur, the device could not send BPDUs with the correct path cost.**
- 3. [SNMP] Using a 3rd-party MIB browser tool to retrieve OID of LLDP from public MIB file, could cause the device to reboot.**
- 4. [Ring-Coupling] [SNMP] SNMP information display was incorrect when the user set one ring-coupling port.**
- 5. [IGMP Snooping] When IGMP Snooping was disabled, multicast streams would still forward to the router port.**
- 6. [Interface] [CLI] Displayed incorrect result if “show interface ge1” command is issued.**

7. [ACL] [Web/CLI] When ACL configuration was removed from the web GUI and the device rebooted, ACL configuration would still function.
8. [Web] The web interface could deliver an “Internal server error” message when many VLANs (≥ 17) were created.
9. [OSPF] When topology changes occur, the CPU usage on devices may have chance to reach up to 100%.



EtherWAN Managed Switch

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RELEASE SUMMARY

Version: 5.00.2.4

Release Date: Nov. 13th, 2020

SUPPORTED PRODUCTS

EX78900E Series	EX73900E Series	EX75900 Series
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NEW FEATURES

- 1. New Web GUI look and feel.**
- 2. Added PoE Action feature - PoE power on individual ports can be controlled when digital-input is triggered during the specified time. This feature can benefit users who utilize PoE-powered lighting where the switches are able to toggle the lights through the switch's control signal.**
- 3. Added SFTP (Secure File Transfer Protocol) feature.**

ENHANCEMENTS

- 4. Enhance SFP DDM and auto sensing capability.**
- 5. Improve ring convergence time and performance.**

BUG FIXES

- 10. [System] [Ring] There is a slight chance that a fiber port does not function normally and cannot receive the traffic after the device reboots.**
- 11. [Ring] When Alpha-ring is enabled on fiber ports, there is a possibility that the remote switch may not send out FEF (Far End Fault) pattern as expected, causing abnormal behavior of the LED of the fiber ports on the local switch.**
- 12. [GVRP] Once GVRP Dynamic-VLAN-Creation is set to disable, dynamic VLANs will not be removed from the VLAN database once GVRP is disabled.**
- 13. [Flow Control] When Flow Control is set to off (1G Fiber Port), the flow control status is actually open.**

14. [MSTP & VRRP] The Ping command may not work under certain MSTP and VRRP configuration environments.
15. [MSTP & VRRP] The switch is unable to deliver VRRP advertisement packets due to MSTP paths of the instance being sent incorrectly under certain MSTP and VRRP configuration environments.
16. [SNMP] When setting SNMP OID `ewnStormDetectConfig` as "1", the system will reboot unexpectedly in about 10 seconds.
17. [RSTP] Under RSTP environment, the system may not be accessible occasionally after the system has been cold-started.