

EtherWAN Managed Switch

Firmware Release Notes

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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%.



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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.