

EtherWAN Managed Switch

Firmware Release Notes

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RELEASE SUMMARY

Version: 6.03.0.1

Release Date: Sept. 18th, 2026

SUPPORTED PRODUCTS

EG97000 Series

UPGRADE NOTICE:

1. To support future firmware security enhancements, devices running v3.01.0.4-4 or earlier must first install the Upgrade Activation Tool (EG97000_v6.UAT.1.1) before upgrading to firmware versions v6.03.0.1 or later.
2. Existing configurations, logs, and operational settings will be preserved throughout the upgrade process.
3. Go to the link to download the Upgrade Activation Tool: [[Download EG97000_v6.UAT Package](#)]
4. If the web interface is inaccessible after the firmware update, please clear the browser cache and log in again.

Note: During upgrade the 500 second timer may expire. This does not mean the upgrade has failed, but rather the upgrade is still in progress.

NEW FEATURES / ENHANCEMENTS

1. [Security] Set HTTPS as the default web access protocol and added support for TLS 1.3.
2. [Configuration] Added support for saving and loading the configuration file via SFTP, SCP, and web interfaces.
3. [System] Enhanced system log management with the following capabilities: log rotation, ascending and descending sorting, log clearing, and additional system events including power-up and power-down events.
4. [System] Upgraded Linux and firmware platform utilities to improve CPU performance and overall system efficiency.

*Note: The system firmware version has been updated from 3.xx.xx.xx to ver. 6.xx.xx.xx.

5. [System] The switch will log the event when a device on the network is replaced with another device with the same IP address.
6. [Protocol] Added support for ERPS (G.8032v2) Protocol and added the corresponding MIB support.
7. [Protocol] Added support for 2.5Gbps option for the XE interface.
8. [System] Added support for RESTful API commands for system management and configuration.
9. [System] Added SNMP support for retrieving system CPU and RAM utilization information.
10. [System] Added support for monitoring system temperature.

BUG FIXES

1. [ARP] The system could periodically become unresponsive during eVue Discovery.
2. [TACACS+] [Web] The “Restore Default” and “Save Configuration” functions did not work properly in the web interface when TACACS+ administrator privileges were configured.
3. [STP] The “spanning-tree brief” CLI command displayed an incorrect status after two ports were connected and their speed was configured to 100Mbps.
4. [Remote Log] System startup or reboot events were not recorded in the remote log after remote logging was configured.
5. [System] Data packets could not be forwarded after changing the port speed until the system was rebooted.
6. [IGMP][STP] Improper memory handling when IGMP and STP were configured and used simultaneously.
7. [TACACS+/RADIUS] [CLI] With TACACS+/RADIUS authentication enabled, users connecting through Telnet were required to log in using the "root" account before logging in as another TACACS+/RADIUS user.
8. [SNMP] The SNMP system uptime OID displayed inaccurate information
9. [SNMP] The MIB for RMON statistics would not work properly.
10. [SNMP] Setting ewnVLANIPAddress to a blank value could result in an error or unexpected system reboot.
11. [NTP] If the NTP authentication key exceeded 200 characters, the system could reboot unexpectedly. The maximum authentication key length is now limited to 128 characters.
12. [DHCP Snooping] [CLI] The system could become unresponsive when the lease expiration time is set to “1” and the "show dhcp-snooping binding" command is executed.
13. [Route Map] The system could restart unexpectedly after saving the configuration and rebooting when a route-map policy command, such as “route-map policy_123 permit 1”, is configured.
14. [OSPF] The system could become unresponsive when OSPF virtual-link settings are configured through the web interface on two connected switches.
15. [OSPF] The OSPF neighbor ID was displayed incorrectly.
16. [OSPF] The OSPF configuration could not be removed from an interface when the interface link goes down.

17. [IP ACL] [Web/CLI] An access group could not be added to a Port ACL interface when an extended Access List rule is configured with the protocol type set to Ethertype or MAC.
18. [MTU][Web] The MTU setting for loopback and interfaces could not be configured correctly through the web interface when an IPv6 address is used.
19. [ACL] [CLI/Web] ACL functionality would not work properly when an Extended IP rule is created from the Access List.
20. [SSH][Restore default] After restoring the device to factory default settings, the device would not prompt for a password and remained on the new-password page without disconnecting the SSH session.
21. [IGMPv2] The device would not send an IGMPv2 report to the mrouter port after rebooting and receiving an IGMPv2 query.
22. [IGMP Snooping] The ICMP Snooping Fast Leave function would not operate correctly when enabled.
23. [System Test] Following a warm or cold restart, a connected device could become temporarily unreachable by ping.
24. [IGMP Snooping v2/v3] Multicast traffic would continue to be flooded even after IGMP Snooping had successfully learned the mrouter port.
25. [DHCPv6 Server] A PC could not consistently obtain an IPv6 address from the DHCPv6 server after the switch is rebooted.
26. [DHCPv6 Client] The switch could not ping the DHCPv6 server after obtaining an IPv6 address from the DHCPv6 server.
27. [DHCPv6 Server] The DHCPv6 server could not assign an IPv6 address to the clients when enabled on a VLAN other than VLAN 1.
28. [WEB] [IGMP Snooping] [IGMPv2] Multicast traffic would continue to be flooded after IGMP Snooping queries are configured, and the multicast traffic is sent to the device.
29. [SNMP] An event message would be returned instead of the production information when reading entPhysicalDescr through SNMP.
30. [Management] [CLI] The device could be at the risk of crashing when removing the "all-client" entry from the management block configuration.
31. [SNMP] SNMP timeout could occur after enabling ewnSystemReboot.
32. [Web/CLI] The Peering-Filter configuration could not be loaded after being saved and the device is rebooted.
33. [OSPFv2/v3] [Web] Fixed various issues related to the OSPF Configuration section in the web interface.
34. [OSPF] [CLI/Web] The OSPF interface stopped sending Hello packets after a link down/up event when the OSPF network was configured with an all-zero wildcard mask.



EtherWAN Managed Switch

Firmware Release Notes

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RELEASE SUMMARY

Version: 3.01.0.4-4

Release Date: March 17th, 2026

SUPPORTED PRODUCTS

EG97000 Series

BUG FIXES

1. [VRRP] In some scenarios, VRRP redundancy may operate improperly. When a VRRP instance transitions from Master to Backup/Slave, the connected route associated with the virtual IP address may be unintentionally removed. Consequently, when the VRRP instance transitions back to Master, packets may not be properly forwarded to the connected LAN.

EtherWAN Managed Switch

Firmware Release Notes

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RELEASE SUMMARY

Version: 3.01.0.4

Release Date: Oct. 28th, 2022

SUPPORTED PRODUCTS

EG97000 Series

BUG FIXES

1. [SNMP][VLAN] When the user uses the SNMP feature to set the VLAN name to blank on another VLAN, the system would automatically reboot.
2. [Security] The device wouldn't respond when OWASP ZAP security tool was used to attack with the "Forced Browse Site" option.
3. [DHCP Snooping] [Web/CLI] The device would get stuck periodically after creating a DHCP snooping dynamic binding and clearing the static binding table, or vice versa.
4. [OSPF] After adding an Interface Message Digest Key, OSPF wouldn't work properly, and the device would reboot.
5. [STP/RSTP] If the interface (ex:ge1) is the root port, the interface couldn't enable edge-port.
6. [RSTP] [CLI] When Auto-edge is enabled (ex: ge2), after interacting with a connected PC, the port-fast state would always show "off".
7. [LLDP] Cannot save the advertised LLDP management address to startup config.
8. [LLDP] The switch responds to port ID TLV and the LLDP Neighbors ID incorrectly.
9. [System] [SNMP] When changing the speed of any gigabit port to 1G from SNMP, the speed of the 10G ports would be changed to 1G.
10. [NTP] [WEB] The switch NTP wouldn't sync time properly if the device happened to reboot periodically.
11. [SNMP] Using SNMP to obtain the private MIB ewnSystemMacAddr would display the MAC address in decimal form.
12. [CLI][Web] The switch wouldn't shut down the process properly once the OSPF process was set up.
13. [IP ACL] Some of the IANA protocol numbers on the access list could not be saved.
14. [System] When multiple EG97000 in different zones experienced linked up and down several times, memory leaks would occur randomly.
15. [SNMP] The memory leak would occur if MAC notification traps were triggered continuously.

16. [Web][VLAN] The system would reboot when using the Web to add a VLAN port to the maximum (256) VLANs.

EtherWAN Managed Switch

Firmware Release Notes

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RELEASE SUMMARY

Version: 3.00.6.1

Release Date: Sept. 10, 2021

SUPPORTED PRODUCTS

EG97000 Series

BUG FIXES

1. [PIM] When PIM redundancy is enabled, multicast routing could fail, which resulted in some data being unable to be received by the destination device.
2. [VLAN][CLI] In CLI, typing "switchport hybrid allowed vlan except 1", could cause the switch to become inaccessible.
3. [PIM-SM] Switch could not learn PIM's BSR (BootStrap Router) and RP (Rendezvous Point).
4. [PIM] PIM could not be enabled, and the multicast stream could not be registered to the RP.
5. [IGMP Snooping] When an IGMP query was sent to the switch, the switch would flood the multicast stream.
6. [VRRP] VRRP protocol would not work properly between two units if a 10G link was down.
7. [QoS] Setting up the QoS Strict priority could cause routing packet loss.
8. [OSPF] In a topology, if 10G links were down or a switch was rebooted, it could result in some switches being unable to establish partial OSPF entries.
9. [All Protocols] After a topology change, routing traffic could cause protocols to become unstable.
10. [System] In a topology, some switches may not be able to learn the ARP or L2 entry if one unit was rebooted several times.
11. [System] When topology changes occur due to a neighbor device rebooting or a port's link-flap, the switch may forward traffic to an incorrect port.
12. [MSTP] The "Hello Time" value in the output of the "show spanning-tree brief" on the switch did not match the hello time value configured on the root bridge.
13. [RADIUS] When logging in with RADIUS mode, the switch might fail to send the complete password to the radius server for authentication.
14. [IGMP Snooping] After the switch was rebooted, the switch would forward the multicast stream in IGMP snooping querier mode.
15. [IGMP Snooping] [IGMPv3] The switch could not forward the second IGMPv3 report to the router port when sending the report to 2 different ports.

EtherWAN Managed Switch

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RELEASE SUMMARY

Version: 3.00.4.5

Release Date: May 12, 2020

SUPPORTED PRODUCTS

EG97000 Series

NEW FEATURES / ENHANCEMENTS

1. [Security] For enhanced security, the default admin password must now be set.
2. [Web GUI] Enhanced VLAN Configuration web page so that users can configure more than one VLAN at a time.

BUG FIXES

1. [System] Switch not accessible via telnet or web GUI after some time while the underlying traffic could still pass through.
2. [System] When more than 8 ports are passing traffic at wire speed, error messages may show up on the console and the device could reboot randomly.
3. [VLAN] In rare cases, the VLAN configuration may be lost after the device boots up.
4. [IGMP Snooping] IGMP snooping configuration on a VLAN interface could be inconsistent between CLI, Web GUI and SNMP.
5. [IGMP] Could not add IGMP group on the VLAN interface.
6. [MSTP] While setting the priority of the MSTP instances via CLI, some MSTP instances may disappear after a device reboot.
7. [LLDP] Cannot display information of LLDP neighbors on LACP aggregated ports.
8. [Interface] Flow control not functioning correctly.



EtherWAN Managed Switch

Firmware Release Notes

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RELEASE SUMMARY

Version: 3.00.0

Release Date: May 30, 2019

SUPPORTED PRODUCTS

EG97000 series

BUG FIXES

Fixed: After unit receives random packets of traffic for an extended amount of time, a PC connected to the unit cannot receive ping replies from the unit and other devices connected to the unit.