Firmware for EDS-G509 Series Release Notes

Version: v3.10	Build: 24011715
Release Date: Feb 06, 2024	

Applicable Products

EDS-G509 Series

Supported Operating Systems

N/A

New Features

N/A

Enhancements

• Enhanced the firmware memory allocation mechanism.
• Improved the handshake mechanism for establishing port links.

Bugs Fixed

• Exporting the device configuration to an empty ABC-01 storage device would fail.

Changes

N/A

Notes

N/A

Version: v3.9	Build: 23061806
Release Date: Aug 31, 2023	

Applicable Products

EDS-G509 Series

Supported Operating Systems

N/A

New Features

N/A

Enhancements

• Added support for TLS v1.3.
• Modbus TCP is now disabled by default.
• IP Forwarding is now disabled by default.
• The SNMP protocol is now disabled by default to improve security.
• Added support for additional management interfaces: HTTP, HTTPS, SSH, Telnet, SNMP, Moxa Service, and Moxa Service (Encrypted).

Bugs Fixed

• Turbo Ring v1 sometimes does not work properly.
• Accessing the LLDP table via Telnet may cause the system to reboot.
• SNMP responds slowly for MAC table queries.
• Disabling rate limiting on a port sometimes does not work properly.
• The ABC dongle sometimes behaves abnormally.
• SSH logging may cause the system to reboot.
• The device will reboot during a Nessus basic scan.
• The web banner incorrectly uses javaScript instead of JAVA.
• [MSRV-2017-001][CVE-2019-6518] Plain text storage of a password.
• [MSRV-2017-003][CVE-2019-6526] Missing encryption of sensitive data.
• [MSRV-2017-004][CVE-2019-6524] Improper restriction of excessive authentication attempts.
• [MSRV-2017-005][CVE-2019-6559] Resource exhaustion
• [MSRV-2017-019] Information exposure.

Changes

• Removed the "recommended browser" message from the web interface.

Notes

N/A

Version: v3.8	Build: Build_17041115
Release Date: May 03, 2017	

Applicable Products

EDS-G509

Supported Operating Systems

N/A

New Features

N/A

Enhancements

• Added warning message when default password was not changed.
• Encrypted security keys in user interface.
• Enhanced RSTP compatibility.

Bugs Fixed

• Cross-site scripting vulnerability.
• Denial of Service attack vulnerability.
• Privilege escalation vulnerability.
• SSL v2/v3 vulnerability in HTTPS.
• Web console cannot be accessed due to SNMP get bulk.
• Specific CLI command caused the switch to reboot with default settings.
• Adding a new VLAN changed the IGMP querier state from disable to enable.
• Saving configurations to ABC-01 could not be performed via IE browser.
• Rate limit could not be set in the web UI.
• Telnet hangs after SSH disabled.
• Corrected RSTP edge definition in exported configuration file.
• Corrected authorization of Radius/TACACS+ login.
• Corrected RSTP Auto-Edge behavior.
• After firmware was upgraded, the system sometimes perform a warm start when the user logs in to the switch.

Changes

N/A

Notes

N/A

Version: v3.4	Build: Build_15011418
Release Date: N/A	

Applicable Products

EDS-G509

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

N/A

Changes

• Web user interface displayed errors under Java 8 environment.

Notes

N/A

Version: v3.3	Build: N/A
Release Date: N/A	

Applicable Products

EDS-G509

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Added web interface for loop-protection enable/disable.
- Added web interface for SSH/SSL key generation.
- Added SNMP MIB for SFP DDM (Diagnostics).
- Added web interface/CLI/SNMP for NTP/SNTP client settings.

Bugs Fixed

- Login failed in CLI mode when password contained special characters.
- Hybrid VLAN lacked SNMP MIB object.
- SFP DDM (Diagnostics) displayed inaccurate values.
- IEEE 1588 PTP did not function correctly.
- Far-end fault failed on 100 M fiber port.
- Configuration import was restricted if the system name was too long.
- Login authentication failed if the radius server did not support privilege levels assignment.
- DIP switch "Coupler" On/Off malfunctioned.

Changes

N/A

Notes

N/A

Version: v3.1	Build: N/A
Release Date: N/A	

Applicable Products

EDS-G509

Supported Operating Systems

N/A

New Features

N/A

Enhancements

• Passed ODVA EtherNet/IP certificate.
• Added some minor SNMP OIDs.
• Enhanced multicast performance.
• Added version number in MIB file.

Bugs Fixed

• NTP did not synchronize time in default settings.
• NTP client function did not work with Windows XP NTP server.
• Firmware upgrade failed when IEEE 802.1x was enabled.
• Switch rebooted when receiving IGMP v3 packets (commonly used in Windows 7).

Changes

N/A

Notes

None

Version: v3.0	Build: N/A
Release Date: N/A	

Applicable Products

EDS-G509

Supported Operating Systems

N/A

New Features

• RSTP-2004MSTP.
• NTP Server/Client.
• SW 1588 PTPv2.
• CLI.
• Ethernet/IP.
• Hybrid VLAN.
• Radius/Tacacs+ for both login access and port authentication.
• Egress rate limit.
• Unknown unicast filtering.
• CPU loading.
• Change IP address without rebooting.
• DHCP Discover retries forever, or retries for a period of time.
• GARP timer adjustment.
• Loop-protection.
• Link Fault Shutdown.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A

Version: v2.6	Build: N/A
Release Date: N/A	

Applicable Products

EDS-G509

Supported Operating Systems

N/A

New Features

N/A

Enhancements

• Enhanced Turbo Chain function.

Bugs Fixed

N/A

Changes

N/A

Notes

N/A

Version: v2.5	Build: N/A
Release Date: N/A	

Applicable Products

EDS-G509

Supported Operating Systems

N/A

New Features

• Supports TurboPack™ 2009 (add new functions for Turbo Chain, IPv6, Modbus/TCP, IEEE 1588 PTP, SNMP Inform, LLDP, DHCP Option 82, Firefox, and SSH).

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A

Version: v1.1	Build: N/A
Release Date: N/A	

Applicable Products

EDS-G509

Supported Operating Systems

N/A

New Features

• New release for the EDS-G509 Series.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A