



Firmware for EDS-G509 Series Release Notes

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