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
<table>
<thead>
<tr>
<th>Applicable Products</th>
</tr>
</thead>
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<tr>
<td>EDS-G509 Series</td>
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</table>

**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.

**Changes**

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

**Notes**

N/A
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
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<th>Version: v3.4</th>
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**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
### 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
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**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
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</table>

**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
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**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