



Firmware for EDS-518A Series Release Notes

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

Applicable Products

EDS-518A-SS-SC-80, EDS-518A-MM-SC, EDS-518A-MM-SC-T, EDS-518A-SS-SC-T, EDS-518A-SS-SC, EDS-518A-MM-ST, EDS-518A, EDS-518A-T, EDS-518A-MM-ST-T

Supported Operating Systems

N/A

New Features

N/A

Enhancements

- Add warning message when default password was not changed
- Encrypt security Keys in user interface
- Enhance 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 cause switch reboot with default settings.
- Add a new VLAN will change IGMP querier state from disable to enable.
- Saving configuration to ABC-01 cannot be performed via IE browser.
- Rate limit cannot be set in web UI.
- Telnet hangs after SSH disabled.
- Correct RSTP edge definition in exported configuration file.
- Correct authorization of Radius/TACACS+ login.
- Correct RSTP Auto-Edge behavior.
- After upgrade firmware, the system maybe warm start when the user login the switch.

Changes

N/A

Notes

N/A



| | |
|--------------------------|------------------------------|
| Version: v3.6 | Build: Build_15091010 |
| Release Date: N/A | |

Applicable Products

EDS-518A

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

- Turbo Ring/Turbo Chain operated unstably after the switch performed a warm start.
- The switch packet counter information error via SNMP polling or web user interface display.
- Switch failed to respond to SNMP request.
- Web user interface diagnosis > Ping page is vulnerable to XSS attack.
- Switch may reboot when using special URL to attack web user interface.
- User account privileges could be changed by Firefox browser web developer plugin.
- The switch sometimes rebooted when using special DHCP discovery packet with multicast-type source MAC address.
- Port settings on Gigabit combo ports were set to default after the system rebooted.
- The switch failed to respond to DHCP discovery packets with special client-ID option values.
- Optimized Turbo Ring network performance on platform with hardware revision before v3.0.

Changes

N/A

Notes

N/A



| | |
|--------------------------|------------------------------|
| Version: v3.5 | Build: Build_14121010 |
| Release Date: N/A | |

Applicable Products

EDS-518A

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

- Web user interface display errors under Java 8 environment.

Changes

N/A

Notes

N/A



| | |
|--------------------------|-------------------|
| Version: v3.4 | Build: N/A |
| Release Date: N/A | |

Applicable Products

EDS-518A

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

- Potential multicast transmission was abnormal when enabling IGMP Snooping.
- 802.1x setting and Rate-limiting functions did not work properly after exporting the configuration file.

Changes

N/A

Notes

N/A



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

Applicable Products

EDS-518A

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 lacks SNMP MIB object.
- SFP DDM (Diagnostics) displayed inaccurate values.
- IEEE 1588 PTP did not function correctly.
- Configuration import is restricted if the system name is too long.
- Login authentication failed if the radius server did not support privilege levels assignment.
- DIP switch “Coupler” On/Off is malfunction.

Changes

- Supports new Moxa CPU platform.

Notes

N/A



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

Applicable Products

EDS-518A

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 could not synchronize time in default settings.
- NTP client function could not work with Windows XP NTP server.
- Failed to upgrade firmware when IEEE 802.1x was enabled.
- Switch rebooted when receiving IGMP v3 packets (commonly used in Windows 7).

Changes

N/A

Notes

N/A



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

Applicable Products

EDS-518A

Supported Operating Systems

N/A

New Features

- RSTP-2004.
- MSTP.
- NTP Server/Client.
- IEEE 1588 PTP V2.
- RADIUS and TACACS+ for user login authentication.
- RADIUS for 802.1x port authentication.
- Hybrid VLAN.
- Command Line Interface.
- EtherNet/IP.
- Egress rate limit.
- Unknown unicast filtering.
- CPU loading monitoring.
- Change IP without reboot.
- DHCP Discover retry configuration.
- GARP timer adjustment.
- Loop-protection.
- Link Fault Shutdown (Disable mode in “Rate Limit” function).

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A



| | |
|-----------------------------------|-------------------|
| Version: v2.6 | Build: N/A |
| Release Date: Feb 23, 2010 | |

Applicable Products

EDS-518A-MM-ST-T, EDS-518A-MM-SC, EDS-518A-SS-SC, EDS-518A-SS-SC-T, EDS-518A-SS-SC-80, EDS-518A-T, EDS-518A-MM-SC-T, EDS-518A-MM-ST, EDS-518A

Supported Operating Systems

N/A

New Features

- Supports TurboPack™ 2009 (Add the new managed functions of 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

For products with firmware prior to v2.6, users must upgrade to v2.6 before upgrading to the latest v3.X firmware.



| | |
|--------------------------|-------------------|
| Version: v2.4 | Build: N/A |
| Release Date: N/A | |

Applicable Products

EDS-518A

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

N/A

Changes

- Changed the implementation of broadcast searching and configuring across different subnets on the Utility Tool.

Notes

N/A



| | |
|--------------------------|-------------------|
| Version: v2.3 | Build: N/A |
| Release Date: N/A | |

Applicable Products

EDS-518A

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

- Fix bug of the learned multicast address from IGMP Snoop will be aged out after few minutes.

Changes

N/A

Notes

N/A



| | |
|--------------------------|-------------------|
| Version: v2.2 | Build: N/A |
| Release Date: N/A | |

Applicable Products

EDS-518A

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

- Fixed the bug that caused 100 M fiber to not link after power cycling.

Changes

N/A

Notes

N/A



| | |
|--------------------------|-------------------|
| Version: v2.1 | Build: N/A |
| Release Date: N/A | |

Applicable Products

EDS-518A

Supported Operating Systems

N/A

New Features

- Added new Turbo Ring (“Turbo Ring V2”) function.
- Added new Ring Coupling function.
- Added Daylight Saving function.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A



| | |
|--------------------------|-------------------|
| Version: v1.2 | Build: N/A |
| Release Date: N/A | |

Applicable Products

EDS-518A

Supported Operating Systems

N/A

New Features

- Added new ABC-01, Syslog, remote Cold Start functions.

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-518A

Supported Operating Systems

N/A

New Features

- New firmware release for the EDS-518A Series.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A