# Firmware for EDS-518E Series Release Notes

| Version:  v6.1 | Build:  FWR_EDS518E_V6. |
|---|---|
| Release Date:  Jan 15, 2020 | |

## Applicable Products

EDS-518E Series

## Supported Operating Systems

N/A

## New Features

N/A

## Enhancements

• [MSRV-2017-011][CVE-2019-6561] Supports browser cookie parameters "same-site" to eliminate CSRF attacks.

## Bugs Fixed

• Login issue with Chrome v65.
• The system rebooted when SNMP GET with request ID=0.
• System rebooted after SSH disconnected.
• Incorrect CPU loading was displayed.
• System rebooted when CLI "no logging" was executed.
• [MSRV-2017-006][CVE-2019-6557] Buffer overflow vulnerabilities that allowed remote control.
• [MSRV-2017-007][CVE-2019-6522] An attacker could read device memory on arbitrary addresses.
• [MSRV-2017-009][CVE-2019-6565] No proper validation of user inputs, which allowed users to perform XSS attacks.
• [MSRV-2017-011][CVE-2019-6561] CSRF attacks were possible if browser cookie parameters were not correct.

## Changes

N/A

## Notes

• MSRV is Moxa's internal security vulnerability tracking ID.

| Version:  v6.0 | Build:  18052914 |
|---|---|
| Release Date:  Jan 18, 2019 | |

## Applicable Products

N/A

## Supported Operating Systems

N/A

## New Features

N/A

## Enhancements

N/A

## Bugs Fixed

• Fixed the issue regarding obtaining information about RTSP port state errors through Modbus/TCP
• Fixed the issue that caused Loop prevent to not work when RSTP is enabled
• Fixing GUI display issue on Chrome version later than version 65.

## Changes

• Support new flash and ensure it is backward compatible with the old flash
(Note: Hardware versions later than 2.0.0 only support firmware version 6.0 or later)

## Notes

N/A

| Version:  v5.1 | Build:  Build_16072215 |
|---|---|
| Release Date:  Aug 12, 2016 | |

## Applicable Products

EDS-518E-4GTXSFP, EDS-518E-MM-SC-4GTXSFP, EDS-518E-MM-ST-4GTXSFP, EDS-518E-SS-SC-4GTXSFP, EDS-518E-4GTXSFP-T, EDS-518E-MM-SC-4GTXSFP-T, EDS-518E-MM-ST-4GTXSFP-T, EDS-518E-SS-SC-4GTXSFP-T

## Supported Operating Systems

N/A

## New Features

• System Notification: Definable Successful/Failed Login notification.
• Password Policy: Password Strength can be set.
• Account Lockout Policy: Failure Threshold and Lockout Time can be set.
• Log Management: Full Log Handling.
• Remote Access Interface Enable/Disable.
• Configuration encryption with password.
• Supports SSL Certification Import.
• Supports MAC Authentication Bypass via RADIUS Authentication.
• MAC Address Access Control List or MAC Address Filtering.
• Protects against MAC Flooding Attack by MAC Address Sticky.
• NTP Authentication to prevent NTP DDoS Attack.
• Login Authentication: Support Primary & Backup Database Servers (RADIUS / TACACS+ / Local Account).
• Login Authentication via RADIUS Server: Support Challenge Handshake Authentication Protocol (CHAP) Authentication Mechanism.
• RADIUS Authentication: Support EAP-MSCHAPv2 (For Windows7).
• MXview Security View Feature Support* (with MXstudio v2.4).
• Turbo Ring v1/v2, Turbo Chain Support Port Trunking.
• Layer2 V-On support.

## Enhancements

• CLI: Supports multiple sessions (up to six).
• SMTP supports Transport Layer Security (TLS) Protocol and Removes SSL v2/v3.
• SNMPv3 Traps and Informs.
• Fixed Display Issue with Java Applet.
• Fiber Check: Add Threshold Alarm.
• Static Port Lock with IVL Mode.
• Serial Number: 12 Digital S/N Display.
• When GbE Port Speed is [Auto], MDI/MDIX is [Auto] Fixed.
• Web UI/CLI Command Enhancement and Modification.

## Bugs Fixed

• Drown Attack.
• ICS-VU-951212 Vulnerabilities.
• Nessus Vulnerability.

## Changes

N/A

## Notes

N/A

| Version: v4.1 | Build: Build_15022416 |
|---|---|
| Release Date: N/A | |

## Applicable Products

EDS-518E-4GTXSFP, EDS-518E-MM-SC-4GTXSFP, EDS-518E-MM-ST-4GTXSFP, EDS-518E-SS-SC-4GTXSFP, EDS-518E-4GTXSFP-T, EDS-518E-MM-SC-4GTXSFP-T, EDS-518E-MM-ST-4GTXSFP-T, EDS-518E-SS-SC-4GTXSFP-T

## Supported Operating Systems

N/A

## New Features

• New release for the EDS-518E Series.

## Enhancements

N/A

## Bugs Fixed

N/A

## Changes

N/A

## Notes

N/A