

# 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-SS-SC-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