



Firmware for EDS-510E Series Release Notes

Version: v5.3	Build: FWR_EDS510E_V5.
Release Date: Jan 15, 2020	

Applicable Products

EDS-510E 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.
- Loop prevention did not work when RSTP was enabled.
- GVRP did not work.
- [MSRV-2017-006][CVE-2019-6557] Buffer overflow vulnerabilities that may have 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: v5.2	Build: Build_17021616
Release Date: Mar 30, 2017	

Applicable Products

EDS-510E Series

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.
- 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).
- (Redundancy) Layer2 V-On support.

Enhancements

- CLI: Support Multiple Sessions (up to six).
- SMTP Supports Transport Layer Security (TLS) Protocol and Removes SSL v2/v3.
- SNMPv3 Trap and Informs.
- Fixed Display Issue with Java Applet.
- Fiber Check: Added Threshold Alarm.
- Serial Number: 12 Digital S/N Display.
- When GbE Port Speed is [Auto], MDI/MDIX is [Auto] Fixed.
- QoS for DSCP Remark.
- 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: N/A
Release Date: N/A	

Applicable Products

EDS-510E Series

Supported Operating Systems

N/A

New Features

- Added new Multicast Fast Forwarding Mode.

Enhancements

- Increased IGMP Groups to 2048 (original 256 groups).
- Improved Turbo Chain link status check mechanism at the head port.

Bugs Fixed

N/A

Changes

N/A

Notes

N/A



Version: v4.0	Build: Build_15062316
Release Date: N/A	

Applicable Products

EDS-510E Series

Supported Operating Systems

N/A

New Features

- New release for the EDS-510E-3GTXSFP Series.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A