



## Firmware for EDS-516A Series Release Notes

<b>Version: v3.8</b>	<b>Build: Build_17041115</b>
<b>Release Date: May 03, 2017</b>	

### Applicable Products

EDS-516A-T, EDS-516A-MM-ST-T, EDS-516A-MM-ST, EDS-516A-MM-SC, EDS-516A, EDS-516A-MM-SC-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



<b>Version: v3.6</b>	<b>Build: Build_15091011</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

EDS-516A

### **Supported Operating Systems**

N/A

### **New Features**

N/A

### **Enhancements**

N/A

### **Bugs Fixed**

- Turbo Ring/Turbo Chain operated unstably after switch performed a warm start.
- 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 sometimes rebooted when using special URL to attack web user interface.
- User account privileges could be changed via Firefox browser web developer plugin.
- The switch sometimes rebooted when using special DHCP discovery packet with multicast-type source MAC address.
- The switch failed to respond to DHCP discovery packets with special client-ID option values.
- Optimized Turbo Ring network performance on platform with hardware revisions before v3.0.

### **Changes**

N/A

### **Notes**

N/A



<b>Version: v3.5</b>	<b>Build: Build_14121010</b>
<b>Release Date: N/A</b>	

**Applicable Products**

EDS-516A

**Supported Operating Systems**

N/A

**New Features**

N/A

**Enhancements**

N/A

**Bugs Fixed**

- Web user interface displayed errors under Java 8 environment.

**Changes**

N/A

**Notes**

N/A



<b>Version: v3.4</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

**Applicable Products**

EDS-516A

**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 configuration files.

**Changes**

N/A

**Notes**

N/A



<b>Version: v3.3</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

EDS-516A

### **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 web interface/CLI/SNMP for NTP/SNTP client settings3

### **Bugs Fixed**

- Login failed in CLI mode when password contained special characters
- Hybrid VLAN lacks SNMP MIB object
- IEEE 1588 PTP did not function correctly
- 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 malfunction

### **Changes**

- Supports new Moxa CPU platform

### **Notes**

N/A



<b>Version: v3.1</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

EDS-516A

### **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.
- 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



<b>Version: v3.0</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

### **Applicable Products**

EDS-516A

### **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



<b>Version: v2.6</b>	<b>Build: N/A</b>
<b>Release Date: Feb 23, 2010</b>	

**Applicable Products**

EDS-516A, EDS-516A-MM-ST, EDS-516A-MM-SC, EDS-516A-MM-SC-T, EDS-516A-MM-ST-T, EDS-516A-T

**Supported Operating Systems**

N/A

**New Features**

N/A

**Enhancements**

- Enhance Turbo Chain function

**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.





<b>Version: v2.5</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

**Applicable Products**

EDS-516A

**Supported Operating Systems**

N/A

**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



<b>Version: v2.3</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

**Applicable Products**

EDS-516A

**Supported Operating Systems**

N/A

**New Features**

N/A

**Enhancements**

N/A

**Bugs Fixed**

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

**Changes**

N/A

**Notes**

N/A



<b>Version: v2.1</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

**Applicable Products**

EDS-516A

**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



<b>Version: v1.0</b>	<b>Build: N/A</b>
<b>Release Date: N/A</b>	

**Applicable Products**

EDS-516A

**Supported Operating Systems**

N/A

**New Features**

- First release.

**Enhancements**

N/A

**Bugs Fixed**

N/A

**Changes**

N/A

**Notes**

N/A