



## Firmware for ICS-G7528A Series Release Notes

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|-----------------------------------|---------------------------------|
| <b>Version: v5.7</b>              | <b>Build: FWR_ICSG7528A_V5.</b> |
| <b>Release Date: Feb 17, 2020</b> |                                 |

### Applicable Products

ICS-G7528 Series

### Supported Operating Systems

N/A

### New Features

- Supports SFP-10GLRLC-T, SFP-10GZRLC-T, SFP-10GSRLC-T, SFP-10GERLC-T SFP+ modules.

### Enhancements

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

### Bugs Fixed

- The switch failed to recognize the SFP-1GTXRJ45-T SFP module.
- [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 allows users to perform XSS attacks.
- [MSRV-2017-011][CVE-2019-6561] CSRF attacks were possible if browser cookie parameters were not correct.
- [MSRV-2017-012][CWE-121] A stack-based buffer overflow condition whereby the buffer that was being overwritten was allocated on the stack.

### Changes

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

### Notes

N/A



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|-----------------------------------|------------------------------|
| <b>Version: v5.6</b>              | <b>Build: Build_18112620</b> |
| <b>Release Date: Jan 18, 2019</b> |                              |

### **Applicable Products**

ICS-7528A Series

### **Supported Operating Systems**

N/A

### **New Features**

N/A

### **Enhancements**

- Web GUI support web browser Chrome 65.0

### **Bugs Fixed**

- Fix abnormal display of packet counter in web GUI

### **Changes**

N/A

### **Notes**

N/A



|                                   |                              |
|-----------------------------------|------------------------------|
| <b>Version: v5.4</b>              | <b>Build: Build_17081010</b> |
| <b>Release Date: Sep 04, 2017</b> |                              |

### Applicable Products

ICS-G7528A-20GSFP-4GTXSFP-4XG-HV-HV, ICS-G7528A-4GTXSFP-4XG-HV-HV, ICS-G7528A-8GSFP-4GTXSFP-4XG-HV-HV

### Supported Operating Systems

N/A

### New Features

- System Notification: Definable Successful/Failed login notifications.
- 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.
- Support SSL certification import.
- Support MAC Authentication Bypass via RADIUS authentication.
- MAC Address Access Control List or MAC Address filtering.
- Protect 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 v2, Turbo Chain supports Port Trunking.

### Enhancements

- CLI: Support Multiple Sessions (up to six).
- SMTP Supports Transport Layer Security (TLS) Protocol and Removes SSL v2/v3.
- SNMPv3 Traps and Informs.
- Display Issue with Java Applet.
- Fiber Check: Add Threshold Alarm.
- Static Port Lock with IVL Mode.
- When GbE Port Speed is [Auto], MDI/MDIX is [Auto] Fixed.
- Web UI/CLI Command Enhancement and Modification.

### Bugs Fixed

- The device received a large amount of BPDU packets on the port that did not have the RSTP function enabled, which sometimes caused the device to reboot.
- '&' character in column of switch name, switch location, switch description in system info will not show on the how page information.

### Changes

- Rate limit add more option on ingress rate.

### Notes

N/A



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|--------------------------|------------------------------|
| <b>Version: v4.2</b>     | <b>Build: Build_16112110</b> |
| <b>Release Date: N/A</b> |                              |

**Applicable Products**

ICS-G7528A-20GSFP-4GTXSFP-4XG-HV-HV, ICS-G7528A-4GTXSFP-4XG-HV-HV, ICS-G7528A-8GSFP-4GTXSFP-4XG-HV-HV

**Supported Operating Systems**

N/A

**New Features**

N/A

**Enhancements**

- Encrypted all security passwords and keys in web user interface and command-line interface.

**Bugs Fixed**

N/A

**Changes**

N/A

**Notes**

N/A



|                          |                              |
|--------------------------|------------------------------|
| <b>Version: v4.1</b>     | <b>Build: Build_15062312</b> |
| <b>Release Date: N/A</b> |                              |

### **Applicable Products**

ICS-G7528A-20GSFP-4GTXSFP-4XG-HV-HV, ICS-G7528A-4GTXSFP-4XG-HV-HV, ICS-G7528A-8GSFP-4GTXSFP-4XG-HV-HV

### **Supported Operating Systems**

N/A

### **New Features**

- Added new Multicast Fast Forwarding Mode.

### **Enhancements**

- Increased IGMP Groups to 4096 (original 1000 groups).
- Improved Turbo Chain link status check mechanism at the head port.

### **Bugs Fixed**

- Device rebooted when using CLI commands to back up device configurations to the TFTP server.
- Device rebooted when using CLI commands to change SNMP v3 data encryption keys and the length of key is over 100 characters.

### **Changes**

N/A

### **Notes**

N/A



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|--------------------------|------------------------------|
| <b>Version: v4.0</b>     | <b>Build: Build_14082811</b> |
| <b>Release Date: N/A</b> |                              |

**Applicable Products**

ICS-G7528A-20GSFP-4GTXSFP-4XG-HV-HV, ICS-G7528A-4GTXSFP-4XG-HV-HV, ICS-G7528A-8GSFP-4GTXSFP-4XG-HV-HV

**Supported Operating Systems**

N/A

**New Features**

- First release for the ICS-G7528A Series.

**Enhancements**

N/A

**Bugs Fixed**

N/A

**Changes**

N/A

**Notes**

N/A