



Firmware for ICS-G7852A Series Release Notes

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|-----------------------------------|------------------------------|
| Version: v5.6 | Build: Build_18110819 |
| Release Date: Jan 18, 2019 | |

Applicable Products

ICS-G7852A Series

Supported Operating Systems

N/A

New Features

Layer 3:

- Supports tracking function
- Supports DSCP remark
- Supports traceroute in CLI command

Security Related Functions

- 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.
- 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 Windows 7).
- MXview Security View Feature Support* (with MXstudio V2.4).

Redundancy

- Turbo Ring v2, Turbo Chain Support Port Trunking

Redundancy

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Enhancements

- Web GUI supports web browser Chrome 65.0
- CLI: Supports Multiple Sessions (up to six).
- SMTP Supports Transport Layer Security (TLS) Protocol and Removes SSL v2/v3.
- SNMPv3 Traps and Informs.
- Display Issues with Java Applet.
- Fiber Check: Add Threshold Alarm.
- Static Port Lock with VLAN filtering option.
- When GbE Port Speed is [Auto], MDI/MDIX is [Auto] Fixed.



- Web UI/CLI Command Enhancement and Modification.

Bugs Fixed

- Fix abnormal display of packet counter in the web GUI.
- When the device receives large amounts of BPDU packets on a port, the RSTP function does not enable, which might cause the device to reboot.
- If there is an '&' in either the Switch Name or Switch Location column, the description will not display properly on the relevant page.
- If Turbo Chain is established on slot 9 it might not be stable.

Changes

- Remove the VEE indicator on the PoE function
- Rate limit adds more options on the ingress rate

Notes

Suggestion:

- Reconfigure the device once you have upgraded to v5.x
- To ensure that the system remains stable, do not export configurations from v4.x or prior into v5.x or later



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| Version: v4.3 | Build: Build_16070716 |
| Release Date: Feb 17, 2017 | |

Applicable Products

ICS-G7852A-4XG-HV-HV

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

- Fixed Fast VRRP instances with double Masters issue when enabling the loop protection function.
- Fixed config import issue (ACL & Multicast local route).
- If the switch had a PoE module and a SFP module, the SFP module may not link when rebooting.
- Fixed L3 switch reboot when enabling OSPF.
- VRRP (V-ON) was unstable when fiber port experienced link-down.
- VRRP (V-ON) backup unit caused CPU to experience very high loading and the web UI was very slow.

Changes

N/A

Notes

N/A



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| Version: v4.2 | Build: Build_15062312 |
| Release Date: N/A | |

Applicable Products

ICS-G7852A-4XG-HV-HV

Supported Operating Systems

N/A

New Features

- Added new Multicast Fast Forwarding Mode.
- Added new VRRP Fast Switchover Mode.
- Added new Multicast Local Route.

Enhancements

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

Bugs Fixed

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

Changes

N/A

Notes

N/A



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| Version: v4.1 | Build: Build_15030209 |
| Release Date: N/A | |

Applicable Products

ICS-G7852A-4XG-HV-HV

Supported Operating Systems

N/A

New Features

N/A

Enhancements

N/A

Bugs Fixed

- PIM-SM multicast forwarding issues.
- Randomly hang issue while booting up.
- Flow control did not work on the ICS-G7852A Series.
- Topology drawing issue on MXview.
- In IGMPv3, forward multicast packets on MSTP DISABLED-STATUS port failed.
- Failed to add Static default route (0.0.0.0/0) through Web console.
- Randomly failed to recognize Moxa SFP modules.
- In OSPF routing protocol, 10 G ports had incorrect path cost.
- Randomly failed to connect to the ABC-02.
- HTTPS certification validity issue.
- Reboot issue while TFTP upgrading firmware with incorrect CLI command.
- ACL CLI command failed on rules with Ether-type is 0 or IP-protocol is 0.
- Hang issue while IGMP join and leave frequently.

Changes

N/A

Notes

N/A



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|--------------------------|------------------------------|
| Version: v4.0 | Build: Build_14093015 |
| Release Date: N/A | |

Applicable Products

ICS-G7852A-4XG-HV-HV

Supported Operating Systems

N/A

New Features

- First release for the ICS-G7852A Series.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A