Firmware for ICS-G7826A Series Release Notes

Version: v5.6	Build: Build_18110820
Release Date: Jan 18, 2019	

Applicable Products

ICS-G7826A Series

Supported Operating Systems

N/A

New Features

Layer 3:
• Support tracking function.

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 atack 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

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.

Changes

• 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

Version: v4.5	Build: Build_16112110
Release Date: Dec 28, 2016	

Applicable Products

ICS-G7826A-20GSFP-4GTXSFP-2XG-HV-HV, ICS-G7826A-4GTXSFP-2XG-HV-HV, ICS-G7826A-8GSFP-4GTXSFP-2XG-HV-HV

Supported Operating Systems

N/A

New Features

• Added DSCP remark function.
• Added Traceroute function.

Enhancements

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

Bugs Fixed

• VRRP did not work on RSTP ports.
• VRRP state will be unexpectedly changed when it takes too much time to change IGMP querier.
• VRRP state will be unexpectedly changed when both VRRP Fast Switchover mode is enabled and Port Trunking is set.
• Configurations can not be imported through command line, when VRRP Fast Switchover mode is set with more than 16 entries.
• Device will reboot occasionally when enabling OSPF.

Changes

N/A

Notes

N/A

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

Applicable Products

ICS-G7826A-20GSFP-4GTXSFP-2XG-HV-HV, ICS-G7826A-4GTXSFP-2XG-HV-HV, ICS-G7826A-8GSFP-4GTXSFP-2XG-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

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

Bugs Fixed

• Device will reboot when using CLI command to backup device configuration to TFTP server.
• Device will reboot when using CLI command to change SNMP v3 data encryption key and the length of key is over than 100 characters.

Changes

N/A

Notes

N/A

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

Applicable Products

ICS-G7826A-20GSFP-4GTXSFP-2XG-HV-HV, ICS-G7826A-4GTXSFP-2XG-HV-HV, ICS-G7826A-8GSFP-4GTXSFP-2XG-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.
• Topology drawing issue on MXview.
• In IGMPv3, failed to forward multicast packets on MSTP DISABLED-STATUS port.
• Failed to add Static default route (0.0.0.0/0) through Web console.
• Randomly fail to recognize Moxa SFP modules.
• In OSPF routing protocol, 10G ports have incorrect path cost.
• Randomly fail to connect to ABC-02.
• HTTPS certification validity issue.
• Reboot issue while TFTP upgrading firmware with incorrect CLI command.
• ACL CLI command fail 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

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

Applicable Products

ICS-G7826A-20GSFP-4GTXSFP-2XG-HV-HV, ICS-G7826A-4GTXSFP-2XG-HV-HV, ICS-G7826A-8GSFP-4GTXSFP-2XG-HV-HV

Supported Operating Systems

N/A

New Features

• First release for the ICS-G7826A Series.

Enhancements

N/A

Bugs Fixed

N/A

Changes

N/A

Notes

N/A