GE
Grid Solutions

Reason S20 Industrial Managed Ethernet Switch

Firmware version 07A06 Release Notes

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Overview

GE regularly introduces firmware updates to address enhancements in different functional areas. This firmware release includes the following:

- Failsafe improvements and bug fix
- Cybersecurity fix
- Added physical port label in CLI spanning-tree command

Firmware Release Date: **September 2020**

Firmware Upgrade Process

Upgrading to firmware 07A06 can be done by downloading the upgrade file directly from our website:

http://www.gegridsolutions.com/Communications/catalog/S20.htm

Firmware versions 06A02 and newer can be upgraded directly to 07A06.

- If you have an S20 with firmware version 06A02, upgrade first to firmware 07A03 and then upgrade to 07A06.

- If you have an S20 with firmware version 06A01 or lower, upgrade first to firmware version 06A02, then to 07A03, and lastly upgrade to 07A06.

- If you have an S20 with firmware version 04A01.00 or lower, upgrade first to 05A00, secondly to 06A02, then to 07A03 and finally to 07A06.

When performing multiple firmware upgrades, please make sure to save the running configuration to the startup between each upgrade, as directed in the user manual.

HW Compatibility

Firmware 07A06 is compatible with hardware version B and C.

Firmware 07A06 is NOT compatible with hardware version A.

Please contact your local sales representative or Grid Automation Global Contact Center for any questions regarding this upgrade.

Release details

In the following release descriptions, a revision category letter is placed to the left of the description. Refer to the Appendix at the end of this document for a description of the categories displayed.

Failsafe improvements and bug fix

E   Configurable persistence of failsafe relay and LED

User can now configure, for each failsafe alarm, the persistence mode. When persistence is enabled, the failsafe relay and LED will only be disactivated upon a user trigger in the web interface. When persistence is disabled, both failsafe relay and LED are disactivated once the alarm clears, taking into consideration the minimum active time configured.

F   Failsafe relay and LED are incorrectly activated

Fixed issue that caused failsafe relay and LED activation for alarms that weren't configured to active the relay/LED.

G   Power supply alarm type changed from event to state

Power supply alarm is now a state alarm. The alarm is activated when only one power supply is identified (backup supply missing) and cleared when both power supplies are present.

Cybersecurity fix

F   Cross-site scripting vulnerability

Fixed cross-site scripting vulnerability in web interface.

Added physical port label in CLI spanning-tree command

G   Added physical port label in CLI spanning-tree command

CLI command "show spanning-tree" now shows, in the first column, the physical port number for each spanning-tree enabled interface.

Appendix

Change categories

This document uses the following categories to classify the changes.

Table 1: Revision Categories

Code	Category	Comments
N	New feature	A separate feature added to the product. Changes to existing features even if they significantly expand the functionality are not in this category
G	Change	A neutral change that does not bring any new value and is not correcting any known problem
E	Enhancement	Modification of an existing feature bringing extra value to the application
F	Fix	Changes to fix an issue with existing functionality.

For further assistance

For product support, contact our Grid Automation Global Contact Center:

St Leonard's Building

Redhill Business Park

Stafford

ST16 1WT

United Kingdom

Phone: +44 1785 250070

E-mail: ga.support@ge.com

Website: https://www.gegridsolutions.com/multilin/support.htm