

Release Notes

Smart Gateway Platform Firmware

Release 63998-20553-01(1.0.10)

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Guardian Management Gateway user documentation applicable to this release

The *Guardian Management Gateway User Guide* and the *Guardian Management Gateway Command Line Interface Specification* document have been updated for this release.

New and changed features since release 63998-20552-09 (1.0.9)

1. Information about Modbus devices that were previously attached to SGP is now preserved in the persistent resource information. Currently absent Modbus resources are now visible in the Web interface and via the CLI command *resource persistent*.
2. Modbus devices connected via serial interface are now automatically detected by SGP after disconnection and subsequent reconnection (or after a Modbus device power cycle).
3. Modbus device address in the CLI command *modbus discover* and in the Discover dialog in the Web interface is now optional and defaults to 1.
4. Internal polling interval of 1-Wire devices (inside the 1-wire subsystem) has been made configurable; the command *global wlpoll* has been added to the CLI to manage this interval.
5. The Reboot Reason sensor now generates an event at initial startup, indicating the reason for the last reboot.
6. New privileges ACKNOWLEDGE_ALARMS and EXPORT_CONFIGURATION have been added and are now supported in both CLI and Web interface.
7. The *group control insert* command has been added to the CLI to enhance management capabilities for groups of controls.
8. Access to the SGP syslog files (*/var/log/messages**) has been added in CLI and Web interface. The CLI command *syslog* can be used to retrieve the syslog files and clear the syslog.
9. Entity Paths for MCB and Modbus sensors and controls have been modified to indicate logical grouping of them (i.e. if they belong to the same sub-entity inside the resource).
10. Trigger reading and threshold have been added to the Alarm Table as text information.
11. The CLI command *config* now requires either PERFORM_UPDATE or EXPORT_CONFIGURATION privilege.
12. Web interface: the “Named list” feature has been added for the Periodic Rules.
13. Web interface: added sensor name to the detailed SEL entry display.
14. Web interface: improved diagnostics for connection errors.
15. Web interface: IPv4 firewall automatically uses network mask */32* for single IP address.

16. Translations have been updated to cover new and changed messages.
17. Diagnostic messages issued by the BACnet service have been improved.
18. The *ts_replay* utility has been added to the firmware for LCD interface debug purposes.

Bug fixes

1. SGP could crash while working with Modbus subsystem during device removal due to locking issues.
2. Pressure units based on pascals (Pa) could be shown incorrectly.
3. LDAP-based user authentication could cause creation of a user with an empty name; now users with empty names are not allowed.
4. The factory reset operation could do the corresponding privilege checking incorrectly.
5. Firewall configuration could cause a duplicate entry after system restart. Also, the default policy is now applied to the INPUT chain only, so that it's now possible to access SGP with the default policy set to DROP.
6. Resetting assertion and deassertion masks on Composite 1-wire device and DS2413 device could work incorrectly.
7. Web interface: fixed issues with persistent resource display during device hot swap.
8. Web interface: fixed error with event binding.
9. Web interface: fixed problem with changing LDAP configuration.
10. Web interface: fixed privilege check for write access to SNMP Settings.
11. Web interface: fixed a problem of not showing the proper error message when installing a wrong SSL certificate.
12. Web interface: fixed a long delay issue when showing sensor logs for managed sensors.
13. Web interface: fixed privilege checking for accessing System Location, Asset Tag and Transient Alarm Severity.
14. Web interface: fixed a problem of assigned sensor type not shown for physical sensors.