



Knowledge Base Article # PG925

PolicyGuru® Meta-Policy Controller v2.0 Update 1 Release Notes

Who Should Install This Software

PolicyGuru® Solution v2.0 Update 1 provides the issue resolutions and enhancements listed below for the Mediation Server and Metadata Probe. Before installing this update, you must have v2.0 installed. All customers using the Metadata Probe should install this software to obtain the issue resolution. All customers with HA deployments should install this update to obtain the Mediation Server issue resolution.

Issues Addressed in This Update

- **NGP-210**—SIP-to-JSON parsing failed for SIP messages containing headers in unexpected case formats. The software expected SIP headers to be in the typical case formats, but failed for headers in differing case formats, such as all capitals. These messages would fail to be delivered up to the Mediation Server and remain "stuck" in the messaging queue on the Metadata Probe.
- **Slow Mediation Server Software Module Deployment**—Deployment of Software Modules (Ears) on the Mediation Server may slow down over time for HA Deployments using partitioning. This change removes a time-consuming database catalog function that was being called upon deployment of each ear.
- **SIP Purge function aborted due to batch mismatches** —Purging of SIP messages in the database would sometimes fail in HA systems due to mismatches in the batches on the two database systems. This change adds query ordering, which ensures that the batch sizes will match and thus get purged successfully.

Enhancements Available in This Update

- **Processing of SIP Multipart MIME message bodies for pdf+xml content**—A toggle was added to allow processing of SIP Multipart MIME message bodies containing Content-Type: application/pdf+xml to be turned on or off. Previously, Multipart MIME was not parsed.
- **Allow initial fragment processing**—Since SIP fragment reassembly is not supported in the product, the software formerly did not process the initial fragment or subsequent fragments for fragmented packets. Although it is possible that the initial fragment may not be parseable, the Metadata Probe application will now attempt to process the initial fragment. If parsing fails it will be discarded, but if parsing succeeds, the message can be processed by the rest of the system. It is likely that the majority of the information the system uses can be parsed from the initial packet in many cases. The Berkeley Packet Filter (BPF) that parses SIP messages on the Probe can be modified to exclude fragments if desired.
- **Allow SIP VLAN processing**—Previously, the software did not support SIP VLAN processing. This update allows VLAN packets to be processed by accounting for the VLAN header offset.
- **Configurable SIP packet capture size**—The number of bytes to which the SIP packet capture size is limited can now be increased to accommodate jumbo packets. This setting is configurable; the default remains 1560 bytes. This setting should only be increased as high as needed to include the largest SIP packet size observed. Increasing the capture size may impair performance.

Installing and Configuring This Update

See the following articles in the SecureLogix Knowledge Base;

[PG398 - PolicyGuru Solution v2.0 Update 1 Upgrade Instructions for HA Deployments](#)

[PG292 – PolicyGuru Solution v Installation Instructions for New v2.0 Update 1 Systems](#)

[PG467 - PolicyGuru Solution v2.0 Update 1 Upgrade Instructions for All-in-One Deployments](#)

[PG079 - PolicyGuru Solution v2.0 Update 1 Upgrade Instructions for Distributed Non-HA Deployments](#)

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US 6,249,575 B1, US 6,320,948 B1, US 6,687,353 B1, US 6,718,024 B1, US 6,760,420 B2, US 6,760,421 B2, US 7,133,511 B2,
US 7,231,027 B2, US 7,440,558 B2, US 8,150,013 B2, CA 2,354,149, DE 1,415,459 B1, FR 1,415,459 B1, and GB 1,415,459 B1. U.S.. Patent
Pending.