



PROXEDO

API SECURITY

Proxedo API Security

Release notes for PAS 4.8.0

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2023-12-07

The following new features, bug fixes and improvements have been completed for Release 4.8.0 Proxedo API Security.

Features

- **Swagger Editor**
PAS now supports inline editing of *Swagger*, *OpenAPI 3.0*, and *OpenAPI 3.1 File* bricks.
- **New File brick types and validations for TLS-related files**
TLS configuration has been made easier with new *File* brick types for files used in TLS components. The new types are *Diffie-Hellman Parameters*, *TLS Key*, *Client Certificate*, and *Server Certificate*, and all come with relevant validations to ensure configuration correctness. The *Generic File* brick type has been obsoleted and removed.
- **PAS now exposes the configuration version through SNMP**
The version of the currently running configuration is now accessible via SNMP. The version starts from zero, and incremented by one every time the configuration is applied.

Bug Fixes

- **Error during configuring Elastic Insight Target**
If an *Elastic Insight Target* was not fully configured before saving or validating, then an error was produced. This has been corrected.
- **Server Port is not editable on Backend**
A previously defined *Port* value in the *Backend* component's *Servers* list failed with a validation error when it was edited. This has been corrected.
- **Some fields of Syslog and Elastic TLS are missing from the table view**
The values of the *Certificate File* and *Key File* fields of *Syslog TLS* and *Elastic TLS* have been missing from the table view. This has been corrected.
- **Certain Matcher configurations break the table view**
The table view of Matchers could fail to display if Matchers were configured with Status Class or Range comparators. This has been corrected.
- **Miscellaneous fixes**
 - Several UI labels have been changed to be correctly capitalized.
 - *pas-checkconfig* scripts now explicitly report success or failure.
 - If the *core* component has been started before a license file was supplied, then services failed with a misleading error message and a directory appeared in place of the license file. This has been corrected.
 - The *Storage* component's health checks timed out in high-performance scenarios, which led to possible state toggling on the *Status* page. This has been corrected.
 - Validating Swagger schema files with no type defined for endpoint request parameters resulted in a server error. This has been corrected.
 - The *File* brick's content could not be replaced after the *File* brick was saved empty. This has been corrected.
 - The UI did not support configuring XSD Enforcers for the **request** direction of API calls. This has been corrected.

Improvements

- **The default ports for Syslog Insight Targets have changed**
In Syslog Insight Targets, the default port numbers for remote connections were 541 if the protocol was TCP and 601 if it was UDP. This has been changed to be in line with the recommendations in the related RFCs: 601 for TCP, 514 for UDP, and 6514 for TLS over TCP.

- **Flow Director performance has been improved**
Flow Director now uses much less CPU while processing calls, this can lead to better response times and more requests processed.
- **Sorted tables**
Table views of components are now alphabetically sorted by default.
- **Reorganized fields**
Several component fields have been reorganized on the UI to be more straightforward.
- **Enhanced container security in Kubernetes**
Required container capabilities in Kubernetes have been reduced to a minimal set.
- **Improved validation in Backend components**
The hostname elements in the *Servers* list of *Backend* components are now validated more thoroughly.