PROXEDO

API SECURITY

Proxedo API Security

Release notes for PAS 4.3.0

2023-02-03

The following new features, bug fixes and improvements have been completed for Release 4.3.0 Proxedo API Security.

Features

- ***CA File* bricks are now validated**
  The contents of *CA File* bricks are now validated to be flat ZIP files, that only contain PEM formatted CA certificate and CRL (Certificate Revocation List) files, and possibly their hashed counterparts.
- **Hashed files are now automatically generated for *CA File* bricks**
  CA certificate and CRL files require hashed versions of themselves to be present in the same *File* brick. These hashed files are now automatically added to the uploaded ZIP file, if not present.
- ***Certificates File* bricks are now validated**
  The contents of *Certificates File* bricks are now validated to be flat ZIP files, that only contain PEM formatted certificate files with IP numbers as names.
- ***Harden Additional Properties Defaults* option for *OpenAPI 3.0 Enforcer* plugins**
  A new field, *Harden Additional Properties Defaults* has been added to the *OpenAPI 3.0 Enforcer* plugins. According to the OpenAPI 3.0 specification, any additional values in the message body not specified by the schema still count as valid, unless an `additionalProperties` field with the `False` value is added to certain parts of the schema. By setting the *Harden Additional Properties Defaults* field to `True`, the *Enforcer* will parse messages as if this `additionalProperties` would be set to `False` everywhere unless it is set explicitly by the schema, and make OpenAPI 3.0 processing stricter without changing the schema.

Bug Fixes

- **Superfluous field in *URI Query Selector* brick configuration**
  There was a required *Query Param* field present in the configuration of the *URI Query Selector* brick, that was not in use. The field has been removed.
- **Storage restart success depended on restart order in multi node setup**
  In a multi node setup, it was important which storage instance was restarted first. If this order was not kept, storage remained dysfunctional. Now storage can be restarted in any order of management and core, but now it is also necessary to define join hosts for consul on the management node.
- **Miscellaneous fixes**
  - The configuration API returned `HTTP 500` when operations referred to non-existent component types. This has been corrected.
  - It was possible to set an administrator password during installation that did not conform to the requirements, depending on the values of the `LC_*` environment variables. Now it must conform the requirements in the `C.UTF-8` context.
  - After installation, the core component waits for a valid running configuration before starting. This behaviour was intentional and documented, but now a notification is visible at the end of the core component installation that warns about this.
  - Sometimes an error message was visible about certificate generation while the `pas-mgmt-checkconfig` command was running. This had no effect on the end result, and has been corrected.
  - Required fields were marked differently in `docker-compose.conf` files and `config.yml` files. This has been unified, now required fields are marked with `FILL`.
  - LDAP configuration examples in the Administrator Guide have been corrected.
  - The help message of the `pas-*-login` commands have been corrected.
  - Various typos and display name issues have been corrected.

Improvements

- **Key input search on dropdown lists**
  Dropdown lists can now be searched and filtered by typing parts of the desired input.
- **Configuration Apply status window**
  Visual enhancements to the Configuration Apply operation status and service status details.
- **Naming corrections**
  Two fields on the *Log* service have been renamed: *Log level* to *Verbosity*, and *Log specification* to *Message Filter Expression*.
- **Clean containers**
  PAS will ensure that containers are always clean on startup, which means that manual changes to the containers will not persist after a restart.