

Proxedo API Security: Release notes for PAS 4.15.0

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The following new features, bug fixes and improvements have been completed for Release 4.15.0 Proxedo API Security.

Features

- **OpenAPI 3.2 support**

OpenAPI 3.2 is now supported as an Enforcer Plugin and a File Brick type.

Bug Fixes

- **Configuration limited to 1 MB on Kubernetes**

On Kubernetes environments, the size of the component configuration was limited to 1 MB, including *File Bricks*. This limitation has been lifted, *proxedo-api-security-core-config* ConfigMap and Secret objects will not be created.

- **Consul startup failure after prolonged downtime**

Consul startup failure after more than 168 hours of downtime. This has been corrected.

- **Server error on OpenAPI schema validation** Fixed an error where an HTTP 500 error was returned during OpenAPI schema validation instead of an HTTP 400 validation error, when a broken reference was present in the schema.

Improvements

- **Reduced disk usage of logging on VM**

On VM environments, PAS related container logs are now collected under `/opt/balasy/var/log` by a new *log-manager* service. This results in better performance on systems with large load and long log retention.

- **Container logs now contain milliseconds**

Logs managed by syslog-ng inside containers now have millisecond resolution.

- **Containers check available disk space**

Containers that need disk space to run now check available disk space. This means that containers can provide more meaningful error messages upon restart if disk space is too low.

- **syslog-ng has been replaced with axosyslog**

The *syslog-ng 4.8* used by PAS services has been replaced with *axosyslog 4.25*.

- **pas-waf-ruleset-updater has been renamed**

The *pas-waf-ruleset-updater* service has been renamed to *waf-ruleset-updater* for clarity.

- **Client TLS and Backend TLS has been renamed**

Client TLS and *Backend TLS* bricks have been renamed to *Client-facing TLS* and *Backend-facing TLS*, respectively.

- **Error Policy fields have been grouped and renamed**

Error Policy bricks' *Request* and *Response* fields have been grouped together and the *Request* prefix has been removed from each of them. The *Request* and *Response* fields have been renamed to *Action* in their respective groups. *Response Error Headers* field has been renamed to *Additional Error Headers*.

- **Container debug commands have been renamed**

The *pas-*-network-and-process-debug-login* commands have been renamed to *pas-*-debug-login*.