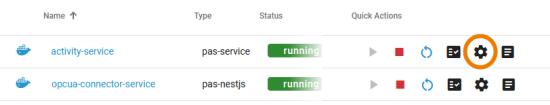
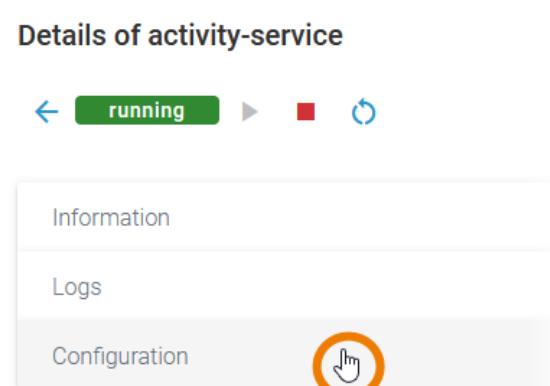


# Adapting Docker Container Configuration

	<p>The administration application allows you to change the configuration of a Docker container.</p> <p>You have two options to open the configuration of a container:</p> <ul style="list-style-type: none"><li>Click <b>Edit configuration</b> in the quick actions bar in the services' list.</li></ul>
<p><b>Details of activity-service</b></p> 	<ul style="list-style-type: none"><li>Open the details page of the service and scroll down to section <b>Configuration</b>.</li></ul>

## On this Page:

- [Adapting the Configuration of Service Type pas-service](#)
- [Adapting the Configuration of Service Type pas-nestjs](#)

## Related Pages:

- [Working With the Administration](#)
  - [Working With the Deployment Wizard](#)
- [Controlling Docker Container](#)
  - [Changing the Log Level of a Docker Container](#)
  - [Showing Docker Container Logs](#)
- [Controlling Containerized xUML Services](#)

Configuration	The Configuration section also informs you if the configuration on UI is not available for a service type.
No configuration is available for this type of service	

## Adapting the Configuration of Service Type pas-service

The screenshot shows a 'Change Configuration' dialog box. At the top, there's a title bar with the dialog title. Below it is a code editor area containing a JSON configuration file. The JSON content includes a target object pointing to a database named 'one-platform' with a collection 'audit' and an expiration rule. It also defines a 'mongo' object with a 'dbs' object containing a single entry for 'one-platform'. The configuration is signed off by a 'version' object with a commit hash '668ce7f'. A 'meta' object contains an 'eventlist' array with several activity-related functions. At the bottom of the dialog are two buttons: 'Cancel' and a blue 'Save' button.

```
1 <target>: {  
2   <database>: "one-platform",  
3   <collection>: "audit",  
4   <expireAfterSeconds>: 31540000  
5 },  
6 <mongo>: {  
7   <dbs>: {  
8     <one-platform>: {}  
9   }  
10 }  
11 },  
12 <version>: "2.3.0",  
13 <commit>: "668ce7f",  
14 <meta>: {  
15   <eventlist>: [  
16     "addActivity",  
17     "getFilterOptions",  
18     "countActivities",  
19     "getActivities"  
20   ]  
Lr: 1 Col: 1
```

The screenshot shows a JSON configuration editor interface. The main area displays a JSON document with code lines numbered 1 through 19. Below the editor are two buttons: "Unlock" (disabled) and "Save". A status bar at the bottom indicates "Ln: 1 Col: 1".

You can also find the JSON editor on the details page of a Docker container: Scroll down and open section **Configuration** to access the editor.

To prevent accidental changes, the editor must be unlocked before you are able to edit its content.

Do not edit content in the **Configuration** section without any knowledge of JSON.

The screenshot shows the same JSON configuration editor, but now the "Unlock" button is enabled and highlighted. The top toolbar buttons are highlighted with a blue background. The status bar at the bottom indicates "Ln: 1 Col: 1".

The editor supports you to insert valid JSON:

Icon	Description
	Click this button to format your input with proper indentation and line feeds (default).
	Click this button to remove all whitespaces and show compact JSON data.
	Click this button to undo your last action in the editor.
	Click this button to redo your last action in the editor.

- Click **Save** to apply your changes.
- Click **Discard** to cancel your input.

✓ Configuration of activity-service has been changed.  
Service must be restarted

Restart

Some pas-services require a restart after changes to the configuration file. This is indicated in the toast message at the bottom of the administration window.

The message also contains a button for a direct start.

## Adapting the Configuration of Service Type pas-nestjs

For services of type **pas-nestjs** (= internal services of the PAS platform) developers can define a service-specific schema and documentation. If a schema is available, the display in section **Configuration** will change and show the defined configuration options.



Be careful: Changing these options may result in an unusable service and may affect other parts of the platform as well.

**Configuration**

Filter

- Configuration** (selected)
- > servers (0)
- > service
- > serviceRepository
- > keycloak
- > mongo

Save

Type: Data object  
Description: Service settings  
Edited: 0

Key	Value	Description
servers	Group (0)	Specify a list of OPC UA server that the opca-connector-service should connect to.
service	Data object	General service description
serviceRepository	Data object	Service Repository settings
keycloak	Data object	Keycloak settings
mongo	Data object	Mongo DB settings

The main configuration options are displayed. You can also use the links in the **Configuration** tree on the left side to navigate.

Click one of the objects to open further details.

**Configuration**

Filter

- > Configuration
- > servers (2)
- > service
- > serviceRepository
- > keycloak
- > mongo

Save

Type: Data object  
Description: No description available  
Edited: 2

Key	Value	Description
connectionStrategy	Data object	Specify the OPC UA reconnect options on connection loss. The default values should cover most cases. Only change these values if you run into problems and know what you are doing.
subscriptions	Group (0)	Specify a list of subscriptions the opca-connector-service should listen on.
id	string	An internal name for the connector to refer to the connector later.
host	string	Specify the host the OPC UA server is running on.

Each page indicates the **Type** of the object and - if the developer of the service has provided it - a **Description**.

Nested configuration options like complex data objects or groups are displayed as link.

Click a data object to access the object details...

**Configuration**

Filter

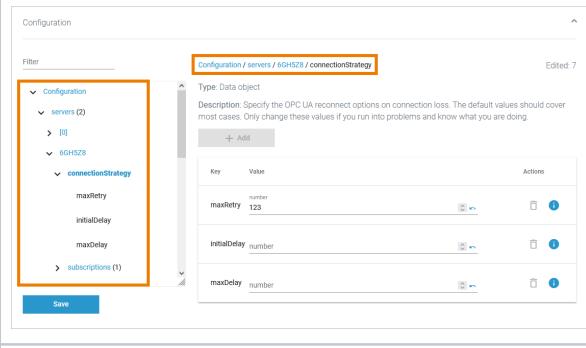
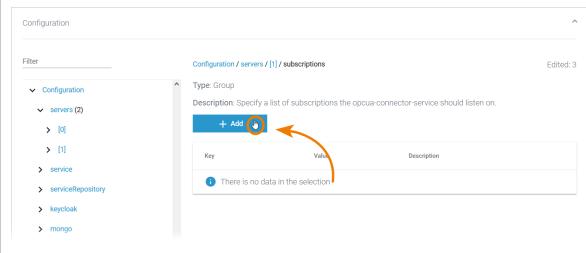
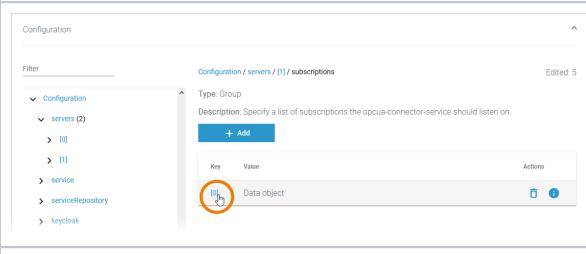
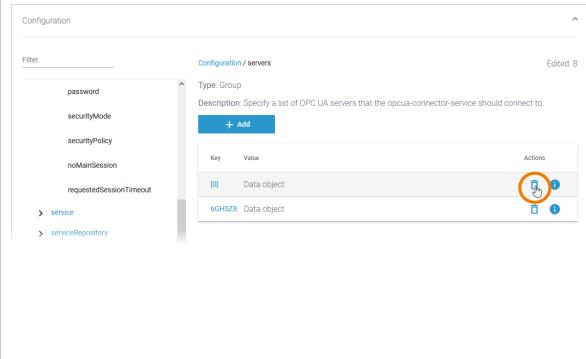
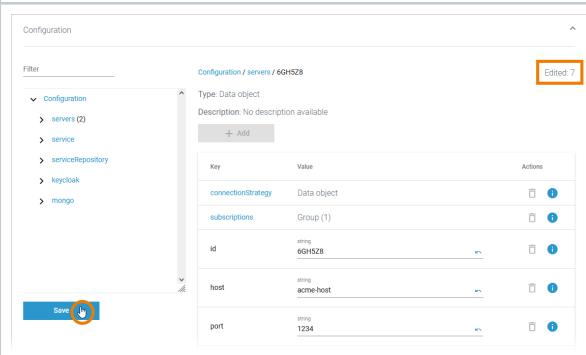
- > Configuration
- > servers (2)
- > [0]
- > [1]
- > service
- > serviceRepository
- > keycloak
- > mongo

Save

Type: Data object  
Description: Specify the OPC UA reconnect options on connection loss. The default values should cover most cases. Only change these values if you run into problems and know what you are doing.  
Edited: 3

Key	Value	Description
maxRetry	number 123	Specify the maximum count of retries the opca-connector-service should perform on connection loss. 1: Try endless times. Default: 1
initialDelay	number 5	Specify the wait time in milliseconds the opca-connector-service should wait before trying to reconnect after a connection on connection loss. Default: 10
maxDelay	number 10000	The opca-connector-service tries to reconnect every 10 seconds. Specify the maximum wait interval in milliseconds between reconnection tries. Default: 10000

... or use the input fields to change the configuration.

	<p>To navigate within the configuration, use the links in the sidebar or the breadcrumb navigation on top.</p>
	<p>Use option <b>Add</b> to create a new data object...</p>
	<p>... or open an existing one to access the configuration details.</p>
	<p>Use option <b>Delete</b>  to remove a configuration option.</p> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <p> Not all entries can be deleted. In this case, the option is grayed out .</p> <p>This also applies to option <b>Add</b></p>  </div>
	<p>The number of edited fields is displayed on top right.</p> <p>If you have finished your changes, <b>Save</b> them.</p>

**Save the Configuration**

Created group elements:

Key	Value
servers	[0]
servers	[1]
servers[1].subscriptions	[0]

Changed properties:

Key	Before	After
servers[1].id		66H5Z8
servers[1].connectionStrategy.maxRetry		123
servers[1].host		acme-host
servers[1].port		1234

**Save**   **Cancel**

A summary of your changes is displayed.  
Click **Save** to apply them.