

Adapting Docker Container Configuration

Name ↑	Type	Status	Quick Actions
activity-service	pas-service	running	
opcua-connector-service	pas-nejts	running	

The administration application allows you to change the configuration of a Docker container.

You have two options to open the configuration of a container:

- Click **Edit configuration**  in the quick actions bar in the services' list.

On this Page:

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

Details of activity-service

running

Information

Logs

Configuration 

- Open the details page of the service and scroll down to section **Configuration**.

<div style="border: 1px solid #ccc; padding: 10px;"> <p>Configuration ^</p> <hr/> <p>No configuration is available for this type of service</p> </div>	<p>The Configuration section also informs you if the configuration UI is not available for a service type.</p>
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Adapting the Configuration of Service Type pas-service

<div style="border: 1px solid #ccc; padding: 10px;"> <p>Change Configuration</p> <div style="border: 1px solid #ccc; padding: 5px; background-color: #f9f9f9;"> <p style="text-align: right; font-size: small; color: #757575;">powered by ace</p> <pre> 1- { 2- "target": { 3- "database": "one-platform", 4- "collection": "audit", 5- "expireAfterSeconds": 31540000 6- }, 7- "mongo": { 8- "dbs": { 9- "one-platform": {} 10- } 11- }, 12- "version": "2.3.0", 13- "commit": "608ce7f", 14- "meta": { 15- "eventList": [16- "addActivity", 17- "getFilterOptions", 18- "countActivities", 19- "getActivities" 20-] 20- } </pre> <p style="font-size: x-small; margin-top: 5px;">Ln: 1 Col: 1</p> <div style="text-align: right; margin-top: 10px;"> Cancel Save </div> </div> </div>	<p>If you use the quick action option Edit configuration  for a service of type pas-service, a JSON editor opens in a separate pop-up.</p>
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Configuration

```
powered by ace
1 {
2   "version": "2.4.1",
3   "commit": "a959678",
4   "meta": {
5     "eventList": [
6       "getCustomElements",
7       "loadForm",
8       "loadForms",
9       "loadFormElementsAsBpaasModels"
10    ],
11    "updateElement",
12    "insertElement",
13    "moveElement",
14    "deleteElement",
15    "createForm",
16    "createSearchForm",
17    "updateDelta",
18    "updateConfiguration",
19    "getEmptyForm",
20    "getElement",
21  ]
22 }
```

Ln: 1 Col: 1

Unlock

Save

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.

Configuration

```
powered by ace
1 {
2   "target": {
3     "database": "one-platform",
4     "collection": "audit",
5     "expireAfterSeconds": 3154000
6   },
7   "mongo": {
8     "dbs": {
9       "one-platform": {}
10    }
11  },
12  "version": "2.3.0",
13  "commit": "688ce7f",
14  "meta": {
15    "eventList": [
16      "addActivity",
17      "getFilterOptions",
18      "countActivities",
19      "getActivities"
20    ]
21  }
22 }
```

Ln: 1 Col: 1

Discard

Save

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.

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.

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...

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

Configuration

Filter

Configuration / servers / [1] / connectstrategy Edited 2

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.

+ Add

Key	Value	Description
maxRetry	number	Specify the maximum count of retries the opcu-connector-service should perform on connection loss. -1: Try endless times, Default: 10
initialDelay	number	Specify the wait time in milliseconds the opcu-connector-service should wait before trying to re-establish the connection on connection loss, Default: 10
maxDelay	number	The opcu-connector-service tries to reconnect in random intervals. Specify the maximum wait interval in milliseconds between reconnection tries, Default: 10000

Save

To navigate within the configuration, use the links in the sidebar or the breadcrumb navigation on top.

Configuration

Filter

Configuration / servers / [1] / subscriptions Edited 2

Type: Group

Description: Specify a list of subscriptions the opcu-connector-service should listen on.

+ Add

Key	Value	Description
There is no data in the selection		

Use option **Add** to create a new data object...

Configuration

Filter

Configuration / servers / [1] / subscriptions Edited 3

Type: Group

Description: Specify a list of subscriptions the opcu-connector-service should listen on.

+ Add

Key	Value	Description
[0]	Data object	

... or open an existing one to access the configuration details.

Configuration

Filter

Configuration / servers / [1] / subscriptions Edited 4

Type: Group

Description: Specify a list of subscriptions the opcu-connector-service should listen on.

+ Add

Key	Value	Description
[0]	Data object	
[1]	Data object	

Use option **Delete** to remove a configuration option.

Not all entries can be deleted. In this case, the option is grayed out.

This also applies to option **Add**

+ Add

Configuration

Filter

Configuration / servers / OGH52Z Edited 6

Type: Data object

Description: No description available

+ Add

Key	Value	Description
connectstrategy	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 opcu-connector-service should listen on.
id	string OGH52Z	Specify an internal name for the connector to refer to the connector later.
host	string	Specify the host the OPC UA server is running on.

Save

The number of edited fields is displayed on top right.

If you have finished your changes, **Save** them.

Save the Configuration

Created group elements:

Group Key	Key
servers	[0]
servers	[1]
servers[1].subscriptions	[1]
servers[1].subscriptions[1].nodeIds	[0]

Changed properties:

Key	Before	After
servers[0].connectionStrategy.maxRetry		123
servers[0].id		OGHSZ8

Deleted group elements:

Key

A summary of your changes is displayed.

Click **Save** to apply them.

Click **Cancel** to close the summary. Your changes are available until you leave the service details or reload the page.