

# \_admin\_portal\_excerpts\_big

## cron\_pattern



Used on:

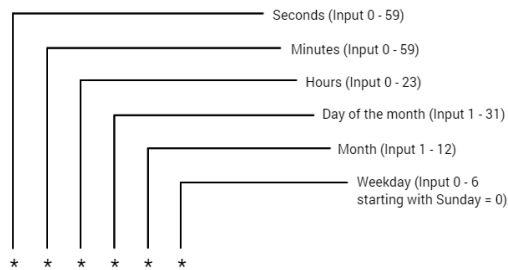
- [Admin Guide: Creating a Cron Job](#)
- [Admin Guide: Editing a Cron Job](#)
- [BPaaS Admin Guide: Creating a Cron Job](#)
- [BPaaS Admin Guide: Editing a Cron Job](#)

### Pattern

You can enter a six-digit pattern. If you use only five digits, the seconds are omitted. The pattern defines the schedule of the job. Using the correct pattern, you can determine whether the job should be executed at fixed times, dates, or intervals.

### Formatting of the Pattern:

- Separate the individual digits by spaces.
- You can use \* as a wildcard.
- The following order applies to the input:



### Frequently Used Patterns

- Every minute: \* \* \* \* \*
- Every second: \* \* \* \* \*
- Every midnight: 0 0 \* \* \*
- All 15 seconds, but only on sundays: \*/15 \* \* \* \* 0
- Every minute between 17:30 and 17:45: 30-45 17 \* \* \*
- Mondays to fridays at 01:20 and 01:30: 20,30 1 \* \* 1-5

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## edit\_translations




Used on:

- [Managing Profiles](#)
- [Adding a Profile](#)
- [Editing a Profile](#)
- [Managing Roles](#)
- [Adding a Role](#)
- [Editing a Role](#)

|  |  |
|--|--|
| <div>Translations</div> <div>EDIT TRANSLATIONS</div>                 | <p>Use window <b>Translations</b> to insert the display name in different languages.</p>   |
| <div>Translations</div> <div> German<br/> English<br/> French </div> | <p>Clicking button <b>Edit Translations</b> will show the fields <b>German, English</b> and <b>French</b>.</p> <p>The names inserted in those fields will be shown in BPaaS according to the language selected for the user interface.</p> |

## history\_log

|  |   |
|--|---|
| <div>  <b>Used on:</b> <ul style="list-style-type: none"> <li>Showing Logs of a Containerized xUML Service</li> <li>Showing Logs of a Containerized xUML Service Kubernetes</li> </ul> </div> |   |
| <div> <div>Details of ticketsystem</div> <div> ← <div>running</div> ▶ <div>■</div> ↺ </div> <div> <div>Information</div> <div>Details</div> <div>Documentation</div> <div>Logs</div> <div>History Log</div> <div>Persistent State</div> </div> </div>                            | <p>The administration application gives you access to the history of a containerized xUML service ( <b>BPaaS 24.0</b> ).</p> <p>To access the service history, open the details page of the service and go to section <b>History Log</b>.</p> |

History Log

Filter

| Date             | User         | Action   |
|------------------|--------------|--|
| 28/02/2024 13:42 | jane.marple  | Restart instance   |
| 13:41            | jerry.cotton | AO_SRV_BPMN_RETSERVICE_MAXREQUESTHEADERSIZE changed from 8 to 10   |
| 13:40            | jane.marple  | The following settings have been changed:<br><ul style="list-style-type: none"> <li>G_SIMPLE_FORM_EXAMPLE_AUTORETRY changed from false to true</li> <li>AO_SETTINGS_DEFAULTCONNECTIONPOOLSIZE changed from 10 to 11</li> </ul> |
| 13:39            | jerry.cotton | Stop instance  |
| 13:33            | jane.marple  | Start instance   |
| 13:33            | jane.marple  | Service created (1.0)  |

Items 10 1 - 6 / 6

In the **History Log** section you can inspect the service history. The log shows all actions of the xUML service (creation, start, stop etc.) including setting changes.

The content of the history log is read-only.

Filter maxi

| Date             | User         | Action   |
|------------------|--------------|--|
| 28/02/2024 13:41 | jerry.cotton | AO_SRV_BPMN_RETSERVICE <u>MAX</u> REQUESTHEADERSIZE changed from 8 to 10 |

Use the filter field to search for a specific entry.

The content of the filter field is applied to the column **Action** only.

Filter

Action (config-change)

deploy

stop

restart

start

config-change

Reset Selection

| Date  | User        | Action |
|-------|-------------|--------|
| 13:40 | jane.marple |        |

Click **Extended filter** to display the extended filter options:

- **Action**
- **User**

If a filter is applied, the extended filter changes to .

Both extended filter options are loaded dynamically:

- **O**ption **A**ction only lists actions that have already been executed in the service.

- Option **Users** only lists users who have already performed a transaction in the service.

In the main filter window, you can reset all selected filters. Click **Reset Filter**.

In the filter option window, you can also reset the selection.

## kubernetes\_tab

**Used on:**

- Controlling Kubernetes Workloads
- Controlling Containerized xUML Services Kubernetes

On top of the **Kubernetes** section, you find the information about

- API Version:** Defines the versioned schema of this representation of a Kubernetes workload.

|   |   |
|---|---|
|   | <ul style="list-style-type: none"><li>• <b>Labels:</b> Map of string keys and values that can be used to organize and categorize (scope and select) workloads.</li><li>• <b>Annotations:</b> Unstructured key value map stored with a resource that may be set by external tools to store and retrieve arbitrary metadata.</li></ul> <p>Click <b>Show all</b> to display all available labels or annotations.</p> |
| <div><div>Pod</div><div>Networking</div></div> <div>General</div> | <p>Below this information, you can find the two tabs <b>Pod</b> and <b>Networking</b>.</p>  |

# kubernetes\_tab\_pod



Used on:

- [Controlling Kubernetes Workloads](#)
- [Controlling Containerized xUML Services Kubernetes](#)

Tab **Pod** contains the sections **General** and **Container**. The information displayed in the two sections is read-only.

## Pod - General

PodNetworking

General

Name: latest

Type: deployment

Scaling:  1 Apply

Replicas: ☐

Additional Labels: platform.scheer-pas.com/platform: rc  
scheer-pas.com/platform: rc

Section **General** contains common information about the Pod:

| <b>N<br/>a<br/>m<br/>e</b>   | Version name of the Pod.   |            |        |       |         |        |          |     |                        |
|--|--|------------|--------|-------|---------|--------|----------|-----|------------------------|
| <b>T<br/>y<br/>p<br/>e</b>   | Shows the internal type of the replication controller.   |            |        |       |         |        |          |     |                        |
| <b>S<br/>c<br/>a<br/>l<br/>i<br/>n<br/>g</b>   | If available, you can adapt the number of Pod replicas (see below).  |            |        |       |         |        |          |     |                        |
| <b>R<br/>e<br/>p<br/>l<br/>i<br/>c<br/>a<br/>s</b>   | Shows the number of Pod replicas. <table><tr><th>Icon Color</th><th>Status</th></tr><tr><td>Green</td><td>Running</td></tr><tr><td>Orange</td><td>Starting</td></tr><tr><td>Red</td><td>Not running /erroneous</td></tr></table> | Icon Color | Status | Green | Running | Orange | Starting | Red | Not running /erroneous |
| Icon Color   | Status   |            |        |       |         |        |          |     |                        |
| Green  | Running  |            |        |       |         |        |          |     |                        |
| Orange   | Starting   |            |        |       |         |        |          |     |                        |
| Red  | Not running /erroneous   |            |        |       |         |        |          |     |                        |
| <b>A<br/>d<br/>d<br/>i<br/>t<br/>i<br/>o<br/>n<br/>a<br/>l<br/>L<br/>a<br/>b<br/>e<br/>l<br/>s</b> | Shows additional Pod labels if set.  |            |        |       |         |        |          |     |                        |

Type: deployment

Scaling:  2 Apply




Replicas: ☐

**Scaling the Number of Replicas**

Move the position of the slider to the desired number of replicas you want to set.

Click **Apply**.



|  |   |
|--|---|
| <div> <h3>Scale Pod</h3> <p>Are you really sure you want to scale the pod?</p> <p>Replicas before: 1</p> <p>Replicas after: 2</p> <div> <span>Cancel</span> <span>Scale</span> </div> </div>   | <p>A pop-up window opens displaying the number of replicas before and after the change.</p> <p>Click <b>Scale</b> to confirm your choice or <b>Cancel</b> to abort.</p> |
| <div> <p>Scaling:  2 <span>Apply</span></p> <p>Replicas:  </p> </div> | <p>The new number of replicas is displayed after a refresh of the browser tab.</p>  |

#### Pod - Container

Container

activity-service

fluentd

Name: activity-service

activity-service



fluentd

Name: activity-service

Image: registry.gitlab.scheer-group.com/pas/platform/services/activity-service:rc

Ports and Volumes

Memory and CPU

|   | Resource | Limits | Requests |
|---|----------|--------|----------|
|  | Memory   | 1Gi    | 64Mi     |
|  | CPU      | 500m   | 100m     |

Section **Container** consists of several tabs, one tab for each container.

The content of the tabs is the same for all containers and displays the container details:

|   |                                    |
|---|------------------------------------|
| <div><div>N<br/>a<br/>m<br/>e</div></div>   | <div>Name of the container.</div>  |
| <div><div>I<br/>m<br/>a<br/>g<br/>e</div></div>   | <div>Image of the container.</div> |
| <div><div>P<br/>o<br/>r<br/>t<br/>s<br/>a<br/>n<br/>d<br/>V<br/>o<br/>l<br/>u<br/>m<br/>e<br/>s</div></div> | <div>See below.</div>              |

**Memory and CPU**

Shows the container limitations. If a container exceeds its memory request and the node that it runs on becomes short of memory overall, it is likely that the Pod the container belongs to will be evicted.

Limitations cannot be changed by users. They are set during system deployment

|        | Limits  | Requests  |
|--------|---|---|
| Memory | If the memory limit is exceeded, the container will run in state <b>OutOfMemory</b> and then be killed. | If a container exceeds its memory request and the node that it runs on becomes short of memory overall, it is likely that the Pod the container belongs to will be <b>evicted</b> . |
| CPU    | If the CPU limit is exceeded, the container will be throttled, the process will slow down.              | If the CPU memory request exceeds the nodes (server) capacity, the Pod can be stopped and started on a different node.  |



Visit the [official Kubernetes documentation](#) for more information:

- [Resource Management for Pods and Containers](#) for detailed information about requests and limits.
- [Scheduling, Preemption and Eviction](#) about the rules regarding the termination of pods.

Details of Container

Ports

Filter ×

| Name | Port | Protocol |
|------|------|----------|
| app  | 4112 | TCP      |

Volumes

Filter ×

| Name   | Mount Path                | Read Only |
|--------|---------------------------|-----------|
| config | /usr/src/app/config/local | true      |
| logs   | /usr/src/app/logs/        |           |


Cancel

If you click the link **Ports and Volumes**, the container details open in a separate pop-up.

- **Ports:** Displays a list of all ports exposed in the internal network.
- **Volumes:** Lists all mounted volumes.

Use the filter on top of each list to search for single ports or volumes.

## kubernetes\_tab\_networking

 Used on:

- [Controlling Kubernetes Workloads](#)
- [Controlling Containerized xUML Services Kubernetes](#)

Pod Networking


Filter ×

| Name | Port | Protocol |
|------|------|----------|
| app  | 8080 | TCP      |

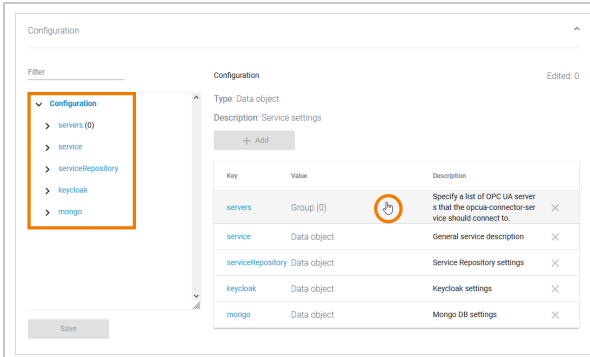
**Tab Networking** gives you an overview on the details of the service mesh.

Use the filter to search for a port name.

## pas\_nestjs\_configuration

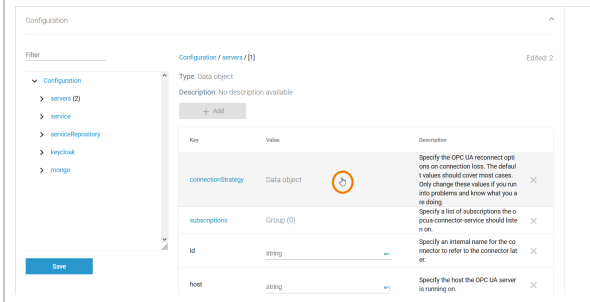
 Used on:

- [Adapting Docker Container Configuration](#)
- [Adapting Workload Configuration](#)



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

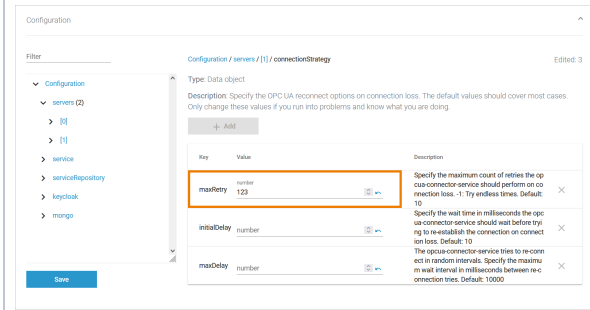
Click one of the objects to open further details.



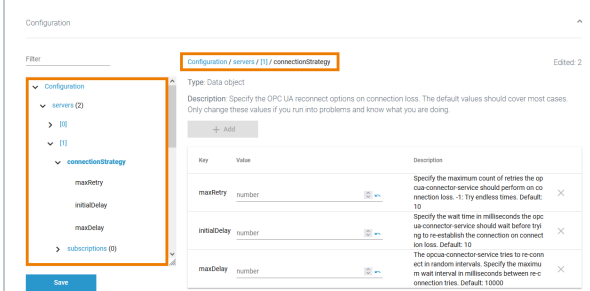
Each page indicates the **Type** of the object and - if the developer of the service has provided it - a **Description**.

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

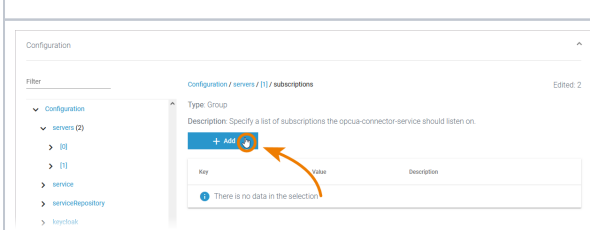
Click a data object to access the object details...



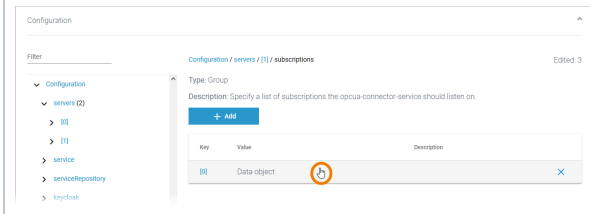
... or use the input fields to change the configuration.



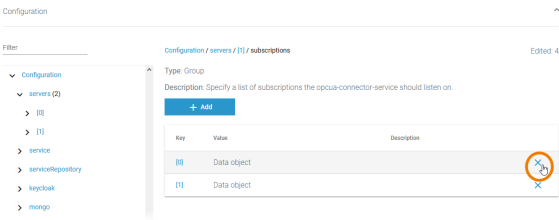



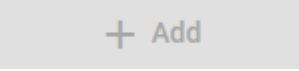
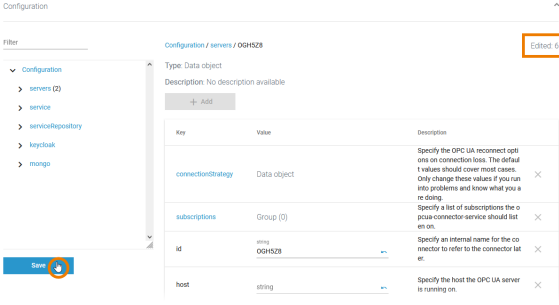
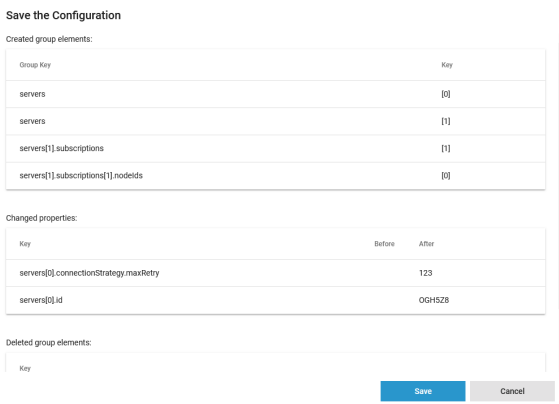
To navigate within the configuration, use the links in the sidebar or the breadcrumb navigation on top.



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



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

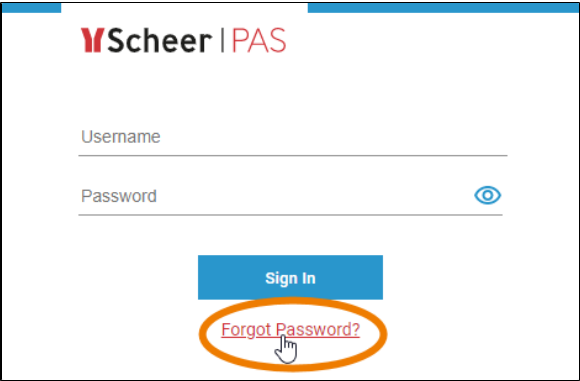
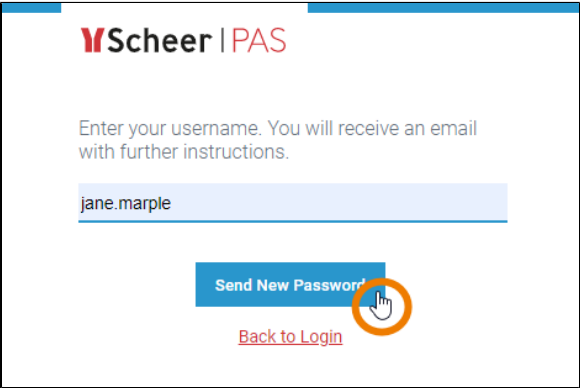
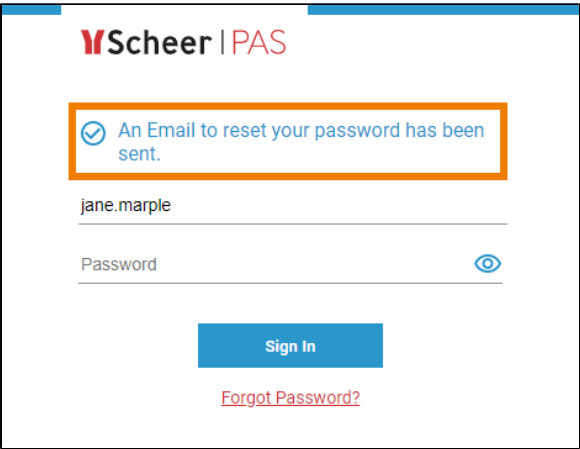
|  |   |
|--|---|
|   | <p>Use option <b>Delete</b>  to remove a configuration option.</p> <div>  Not all entries can be deleted. In this case, the option is grayed out . This also applies to option <b>Add</b> <div></div> </div> |
|   | <p>The number of edited fields is displayed on top right.</p> <p>If you have finished your changes, <b>Save</b> them.</p>   |
|  | <p>A summary of your changes is displayed.</p> <p>Click <b>Save</b> to apply them.</p> <p>Click <b>Cancel</b> to close the summary. Your changes are available until you leave the service details or reload the page.</p>  |











## portal\_login\_forgot\_password

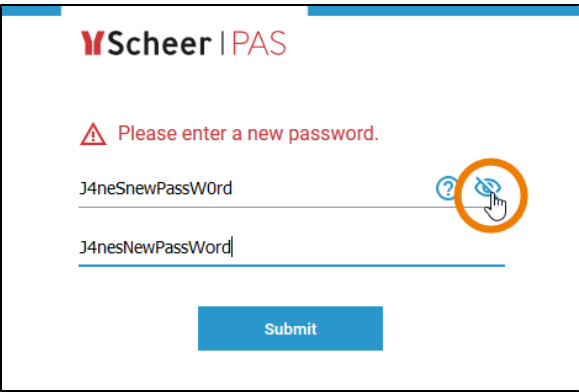

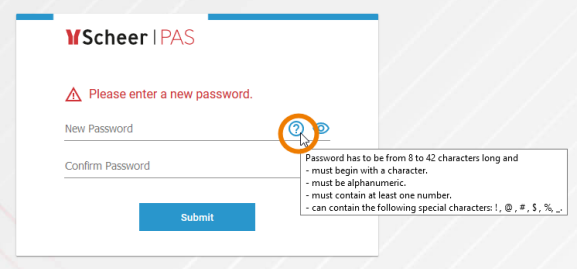

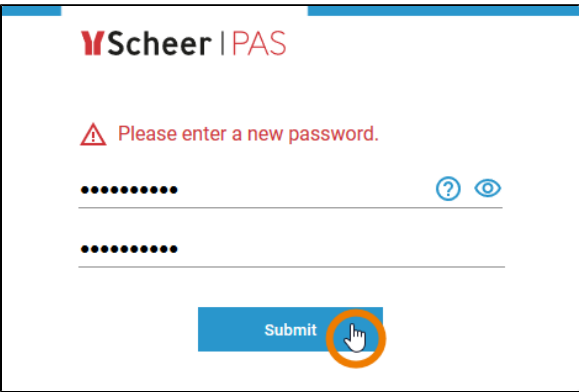


Used on:

- [Designer: Logging In and Out](#)
- [Getting Started: Logging In and Out](#)

|  |  |
|--|--|
|   | <p>If you have forgotten your password, use the link <b>Forgot Password?</b> below button <b>Sign In</b>.</p>  |
|   | <p>First enter your username, then click <b>Send New Password</b>.</p>   |
|  | <p>The following message will be displayed:</p> <p><b>An Email to reset your password has been sent.</b></p> <p>The email will be sent to the address stored for your account in the user administration.</p> <p>Check your mailbox.</p> |

|  |   |
|--|---|
| <p><b>Request: Forgot Password</b></p> <div data-bbox="186 210 422 283">  <div> <div>Scheer PAS</div> <div>An  Jane Marple</div> </div> </div> <p>The password is no longer known for the following account:<br/>Name: jane.marple</p> <p>Please click on the this <a href="#">link</a> to change your password.<br/>The link is valid for 15 minutes.</p>   | <p>The email sent contains a link.</p> <p>This link is valid for 15 minutes.</p> <p>Click on the link to reset your password.</p>   |
| <div data-bbox="235 556 446 588">  </div> <div data-bbox="235 646 535 678">  Please enter a new password.         </div> <div data-bbox="235 703 657 735"> New Password   </div> <div data-bbox="235 760 657 791"> Confirm Password         </div> <div data-bbox="354 833 539 877"> Submit         </div>             | <p>The link takes you to a page where you can change your password yourself.</p> <p>Enter your new password in the first line.</p> <p>Confirm the new password by entering it again in the second line.</p>       |
| <div data-bbox="235 1176 446 1207">  </div> <div data-bbox="235 1266 500 1308">  Passwords don't match.         </div> <div data-bbox="235 1323 657 1354"> New Password   </div> <div data-bbox="235 1379 657 1411"> Confirm Password         </div> <div data-bbox="354 1453 539 1497"> Submit         </div> | <p>If the password and the password confirmation do not match, you will not be able to submit your request.</p> <p>In that case, please enter your password again and make sure that your input is identical.</p> |

|  |   |
|--|---|
|   | <p>Click <b>Show</b>  to view your input.</p> <p>This helps you to check your passwords for typos.</p>                                |
|   | <p>Your password has also to match the password criteria.</p> <p>Hover over <b>Password Criteria</b>  to show the valid criteria.</p> |
|  | <p>When you have entered the new password, click <b>Submit</b>.</p> <p>After a successful change of your password you will directly be logged in. You are redirected to the <b>Scheer PAS Portal</b>.</p>               |

## portal\_logout

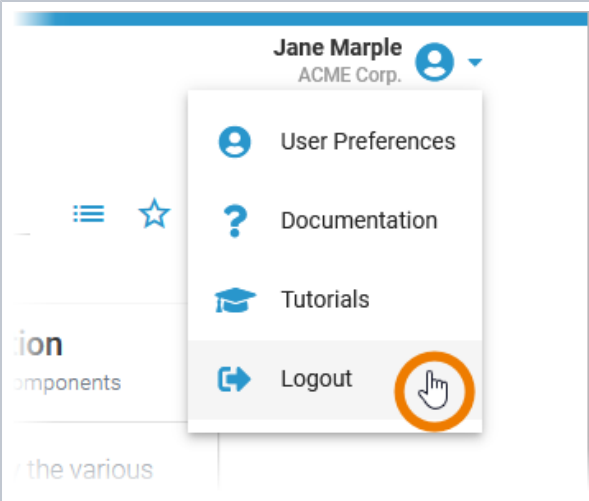
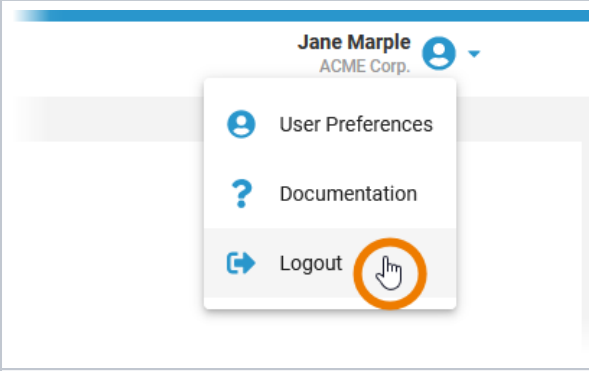
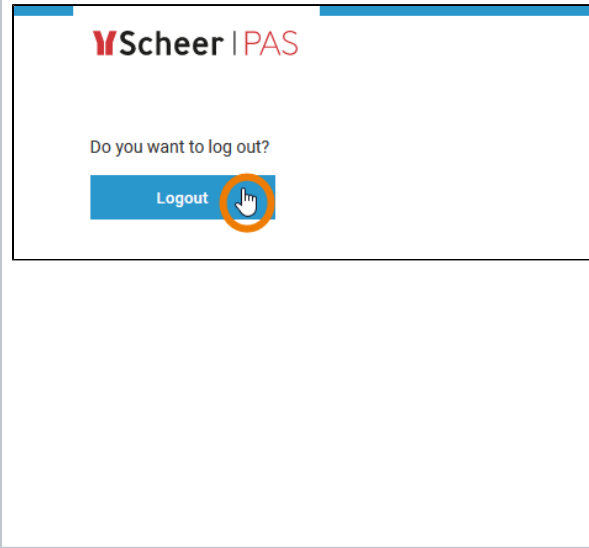
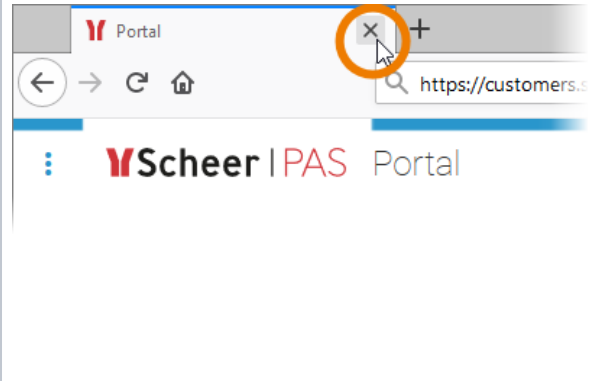


Used on:

- [Designer: Logging In and Out](#)
- [Getting Started: Logging In and Out](#)

There are several ways to finish your work in **Scheer PAS**.








|   |  |  |
|---|--|--|
|    |  | <p>Using <b>Logout</b> is the safest way to finish your work session: The current session is terminated in all tabs and the login page is displayed.</p>                                 |
|    |  | <p>Option <b>Logout</b> is also available in the header menu if you have opened a tool in a separate browser tab.</p>  |
|  |  | <p>If you use one of the logout options, a screen will appear asking you to confirm that you wish to logout.</p> <p>After a successful logout, you are redirected to the login page.</p> |
|  |  | <p>Alternatively you can close the browser tab, but this will not end your <b>Scheer PAS</b> session and is therefore not recommended.</p>   |





## standard\_admin\_profiles








Used on:

- [Overview on Administration Profiles](#)
- [Overview of Standard Profiles](#)
- [Defining the Portal Content](#)

| Portal Tile   | Profile              | Description   | Further Information   | PAS Version |
|---|----------------------|---|---|-------------|
| <div><h3>Administration</h3><p>Manage the Platform Components</p></div> <div><p>Use this component to control and display the platform services.</p></div>  | administration_user  | <ul style="list-style-type: none"><li>• Grants full access to the platform component administration, all platform services are displayed.</li></ul>   | <ul style="list-style-type: none"><li>• <a href="#">Administration Guide &gt; Administering the Platform Components</a></li></ul>                                 | PAS 21.1    |
|   | xuml_container_admin | <ul style="list-style-type: none"><li>• Grants limited access to the platform component administration, only customer-specific services are displayed.</li></ul>  | <ul style="list-style-type: none"><li>• <a href="#">Administration Guide &gt; Administering the Platform Components</a></li></ul>                                 | PAS 22.1    |
| <div><h3>Process Mining</h3><p>Analyze Your Processes</p></div> <div><p>Dig into problems, find possible causes and optimize your processes.</p></div> | analytics_admin      | <ul style="list-style-type: none"><li>• Grants access to the Process Mining view in the user management.</li><li>• Allows to create and manage templates in <b>Scheer PAS Process Mining</b>.</li></ul> | <ul style="list-style-type: none"><li>• <a href="#">Process Mining</a></li><li>• <a href="#">Administration Guide &gt; Administering Process Mining</a></li></ul> |             |

|  |                      |  |  |          |
|--|----------------------|--|--|----------|
| <div> <h2>API Management</h2> <p>Manage Your Interfaces</p> </div> <div>  <p>API Management enables you to apply different policies, enforcing them as runtime rules for each managed API request made.</p> </div> <div> <a href="#">Legacy UI</a> </div> | api_management_admin | <ul style="list-style-type: none"> <li>Grants additional rights ("superadmin") in API Management UI and API Developer Portal.</li> </ul> | <ul style="list-style-type: none"> <li><a href="#">API Management &gt; Administration</a></li> </ul>       | PAS 21.1 |
| <div> <h2>API Developer Portal</h2> <p>Open Your Endpoints to the World</p> </div> <div>  <p>Grant your customers tailored access to your APIs via a separate interface.</p> </div>   |                      |  |  |          |
| <div> <h2>Identity Management</h2> <p>Configure Single Sign-on</p> </div> <div>  <p>Configure Single Sign-on with identity and access management.</p> </div> <div> <a href="#">External Link</a> </div>   | keycloak_user        | <ul style="list-style-type: none"> <li>Grants access to the login page of the identity management tool Keycloak.</li> </ul>              | <ul style="list-style-type: none"> <li><a href="#">Administration Guide &gt; Using Keycloak</a></li> </ul> | PAS 21.1 |
| <div> <h2>Log Analyzer</h2> <p>Analyze all Technical Service Logs</p> </div> <div>  <p>Self service tool for creating dashboards, analyzing logs of existing services and API Management metrics.</p> </div> <div> <a href="#">External Link</a> </div> | kibana_user          | <ul style="list-style-type: none"> <li>Grants access to the Log Analyzer.</li> </ul>   | <ul style="list-style-type: none"> <li><a href="#">Administration Guide &gt; Using Kibana</a></li> </ul>   | PAS 21.1 |

|   |                       |   |   |          |
|---|-----------------------|---|---|----------|
| <div> <div>Designer</div> <div>Create Executable Processes</div> </div> <div>  <p>Design processes in BPMN 2.0 format and realize its technical implementation in a single UI.</p>  </div>                                      | pas_admin_user        | <ul style="list-style-type: none"> <li>Grants access to the administration menu in the Designer.</li> </ul> | <ul style="list-style-type: none"> <li><a href="#">Designer Administration</a></li> </ul>                       | PAS 21.1 |
| <div> <div>User Management</div> <div>Administrate User Settings</div> </div> <div>  <p>Configure user settings for the platform.</p>   </div> | user_management_admin | <ul style="list-style-type: none"> <li>Grants access to the user management.</li> </ul>                     | <ul style="list-style-type: none"> <li><a href="#">Administration Guide &gt; Adminstrating Users</a></li> </ul> | PAS 21.1 |



You can only access the User Management if profile **user\_management\_admin** has been assigned at least one user. Therefore, every **Scherer PAS** installation is delivered with one standard user management admin.

|                               |                |  |   |                           |
|-------------------------------|----------------|--|---|---------------------------|
| -                             | platform_admin | <ul style="list-style-type: none"> <li>Until version 20.1.8 this profile granted access to the user management.</li> </ul>                 | - | Deprecated as of PAS 21.1 |
| -                             | rpa_admin      | <ul style="list-style-type: none"> <li>Until version 20.1.8 this profile granted access to the RPA view in the user management.</li> </ul> | - | Deprecated as of PAS 21.1 |
| * in use until version 20.1.8 |                |  |   |                           |

## standard\_user\_profiles



Used on:

- [Overview of Standard Profiles](#)
- [Defining the Portal Content](#)

| Portal Tile | Profile | Description | Further Information | PAS Version |
|-------------|---------|-------------|---------------------|-------------|
|-------------|---------|-------------|---------------------|-------------|

## xuml\_service\_add\_on\_settings\_sql\_adapter\_connection DEPRECATED

Delete when Admin Guide 24.1 has been published



Used on:

- [Adapting the Configuration of Containerized xUML Services](#)
- [Adapting the Configuration of Containerized xUML Services Kubernetes](#)

| Key                       | Value  |
|---------------------------|--|
| <b>DBType</b>             | Name of the SQL Service component, e.g. <b>SQLite</b>  |
| <b>DBName</b>             | Name of the database, e.g. <b>ScheerACME_Customers</b>   |
| <b>Connection Pooling</b> | This tagged value controls the connection pooling. If true, each connection is put into a pool after use. If an SQL adapter requires a connection, it is taken from the pool. If no connection is available, a new connection is being created and put into the pool after use. The time the connection is kept in the pool depends on the other pooling parameters. |



|                          |   |              |   |       |  |
|--------------------------|---|--------------|---|-------|--|
|                          | Dump not Caught Errors: enabled                     |              | Enable/Disable writing an error dump file at all. This setting corresponds to the xUML service preference <b>Dump Context on Error</b> (refer to <a href="#">Integration Platform User's Guide &gt; Preferences of an xUML Service</a> ).   | true  | Create a service dump for not caught errors (default).                       |
|                          |   |              |   | false | Disable service dump for not caught errors. This disables error dump at all. |
| Persistent State         | Owner   |              | <p>Change the name of the persistent state object owner here. Each persistent state object is owned by a persistent state engine. If you change the owner setting, all subsequently created persistent state objects will belong to the new owner.</p> <div>  All existing persistent state objects of the old owner will not be processed anymore by this service as they belong to a different owner now. </div> |       |  |
|                          | Worker Limit  | Composite    | <p>Specify the worker limit.</p> <p><b>Workers</b> defines the maximum number of parallel threads used to process pending events. The default setting is 5, which is used if none or 0 workers are configured. The implications of more or less workers are discussed in <a href="#">xUML Service Reference Guide &gt; Performance Considerations of Persistent State</a>.</p>  |       |  |
| REST Service HTTP Server | Descriptor : Cache Control: value                   |              | <p>Specify the Browser caching options for the YAML file by setting a value for HTTP header <code>Cache-Control</code>. For more information on this header, refer to <a href="#">Cache-Control</a> on the Mozilla pages.</p>   |       |  |
|                          | Test Tool: Cache Control: value                     |              | <p>Specify the Browser caching options for the Swagger UI by setting a value for HTTP header <code>Cache-Control</code>. For more information on this header, refer to <a href="#">Cache-Control</a> on the Mozilla pages.</p>  |       |  |
| REST Service Base        | <your service name>: enabled                        |              | Switch the service port on / off. When the service port is deactivated, it will not accept any request anymore.   | true  | Service port is active (default).  |
|                          |   |              |   | false | Service port is deactivated.   |
|                          | <your service name>: JSONComposerOptions: compact   | REST Service | <p>Specify the JSON compose option for the REST request/response.</p> <p>When <b>jsonCompact</b> is true, the JSON composer will generate compact JSON, otherwise it will generate pretty JSON. <b>jsonCompact</b> defaults to true - also on re-compile of an older model with Builder as of 7.0.0-beta3.</p>  | true  | Generate compact JSON (default).   |
|                          |   |              |   | false | Generate pretty JSON.  |
|                          | <your service name>: JSONComposerOptions: keepNulls | REST Service | <p>Specify the JSON compose option for the REST request/response.</p> <p>When <b>jsonKeepNulls</b> is true, attributes of the REST response object having NULL values will be rendered to the REST response, otherwise they will be left out completely (refer to <a href="#">xUML Service Reference Guide &gt; NULL Values</a>).</p>   | true  | Render attributes with NULL values to the REST call.                         |
|                          |   |              |   | false | Leave out attributes with NULL values in the REST call (default).            |



|                          |  |                   |  |  |
|--------------------------|--|-------------------|--|--|
|                          | <your service name>: Maximum Connections:      |                   | Change the maximum number of parallel requests to the service port.  |  |
|                          | <your service name>: Port                      |                   | Change the port the xUML service listens to. The original value comes from the SOAP service component.   | a valid port number  |
|                          | <your service name>: ResolveHostnames          |                   | Define whether the host name is logged to the service logs instead of the IP address.  | true Resolve the IP address to the hostname in the service logs (default). |
|                          |  |                   |  | false Write the IP address to the service logs.                            |
| SOAP HTTP Server         | Allow Tracing                                  |                   | Switching tracing on / off.<br>All xUML services are compiled with tracing enabled. This option allows you to turn off the tracing, so that no trace information is returned by the Bridge when a service is called. | true The Runtime returns tracing information on request (default).         |
|                          |  |                   |  | false The Runtime does not return tracing information.                     |
|                          | Maximum Connections                            |                   | Change the maximum number of parallel requests to the service port.  |  |
|                          | ResolveHostnames                               |                   | Define whether the host name is logged to the service logs instead of the IP address.  | true Resolve the IP address to the hostname in the service logs (default). |
|                          |  |                   |  | false Write the IP address to the service logs.                            |
|                          | <your service name>Port                        |                   | Change the port the xUML service listens to. The original value comes from the SOAP service component.   | a valid port number  |
| SOAP HTTP Server Request | <your service name>: <your port type>: enabled |                   | Switch the service port on / off. When the service port is deactivated, it will not accept any request anymore.  | true Service port is active (default).                                     |
|                          |  |                   |  | false Service port is deactivated.   |
|                          | <your service name>: <your port type>: URI     | Component diagram | Change the service URI. The default value comes from the component diagram of the xUML service.  |  |

|  |  |  |   |  |
|--|--|--|---|--|
| <b>SOAP<br/>HTTP UI<br/>Server</b>                 | Library<br>Cache<br>Control:<br>value      |  | Specify the Browser caching options for the UI files (HTML, CSS, ...) by setting a value for HTTP header <code>Cache-Control</code> . For more information on this header, refer to <a href="#">Cache-Control</a> on the Mozilla pages. |  |
| <b>WSDL:<br/>&lt;your<br/>service<br/>name&gt;</b> | WSDL:<br><your<br>service<br>name><br>host |  | Specify the host name of the server for the xUML service WSDL.  | <div> <div>\$ {<br/>se<br/>rv<br/>er<br/>_h<br/>os<br/>tn<br/>am<br/>e}</div> <div>Name of the Bridge node instance the service is deployed to.</div> </div> <div> <div>a<br/>full<br/>y<br/>qu<br/>alif<br/>ied<br/>sy<br/>ste<br/>m<br/>na<br/>me</div> <div></div> </div> |

## xuml\_service\_deletion



Used on:

- [Controlling Containerized xUML Services](#)
- [Controlling Containerized xUML Services Kubernetes](#)



**Delete Service**

If you want to delete a containerized xUML service, click **Delete Service** on top of the **Details** section.

### Confirm Deletion

 Please be aware that by deleting this service...

- the service container (deployment) gets removed from the current system
- registered routes are purged
- persisted data that may have been stored in this service will be removed

Please type the following: example-service

Service name \*

Delete

Cancel

Please note, that the deletion of a service has several consequences:

- The service container (deployment) will be removed from the current system.
- The registered routes are purged.
- Persisted data stored in this service will be removed.

### Confirm Deletion

 Please be aware that by deleting this service...

- the service container (deployment) gets removed from the current system
- registered routes are purged
- persisted data that may have been stored in this service will be removed

Please type the following: example-service

Service name \*

example-service

Delete

Cancel

Option **Delete** is only enabled if you insert the correct service name.

## xuml\_service\_documentation



Used on:

- [Controlling Containerized xUML Services](#)
- [Controlling Containerized xUML Services Kubernetes](#)

Documentation

Select Document

Ticketsystem\_\_1889809... ▾

This is an ACME service to test *Designer* and *Administration* functionality.

It contains a process (Ticketcreation) to create customer tickets.

Part of the process are two forms to create (createTicket) and edit (editTicket) the ticket.

Open the **Documentation** section to display the documentation of the xUML service.

Documentation

Select Document

Ticketsystem\_\_1889809404.txt

Logging\_Lib\_1442153486.html

Polymorphic\_Lib\_\_355219323.html

erpOrderInterface\_557722615.html

Documentation\_Lib\_\_70801303.html

Use the list **Select Document** to choose the documentation you want to see.

The list contains:

- The documentation of the xUML service itself (if it is a service that has been created in the [Designer](#), you will see the content of field **Description** from the [service details page](#)).

Documentation

Select document  
Logging\_Lib\_144215348... ▾

### Logging Library

Simple library for service logging, implementing a log operations and operations for every log level.

For more information on xUML service logging, refer to our [online documentation](#)


- [log\(\) Function](#)
- [Logging of xUML Services](#)









### Change Log

| Date       | Author            | Version | Implementation                                       | Note |
|------------|-------------------|---------|--|------|
| 25.11.2020 | David Stringer    | 1.0.0   | Simple bridge log operations                         |      |
| 07.01.2021 | Meredith Mitchell | 1.0.1   | Documentation added                                  |      |
|            |                   |         | Provided logging operations for different log levels |      |
| 08.01.2021 | Meredith Mitchell | 2.0.0   | Added operation for logging of error details         |      |

- The documentation of the libraries that are used in the service.

## xuml\_service\_endpoints

|  |
|--|
| <div>  <b>Used on:</b> </div> <ul style="list-style-type: none"> <li><a href="#">Controlling Containerized xUML Services</a></li> <li><a href="#">Controlling Containerized xUML Services Kubernetes</a></li> </ul> |
|--|

| Column                          | Description   | Possible Values   |
|---------------------------------|---|---|
| <b>Name</b>                     | Name of the registered endpoint.  | Any string.   |
| <b>Type</b>                     | Type of the registered endpoint.  | <ul style="list-style-type: none"> <li>control</li> <li>rest</li> <li>shadow</li> <li>soap</li> <li>ui</li> </ul> |
| <b>URL</b>                      | <ul style="list-style-type: none"> <li>Click the URL to copy the secured endpoint  to the clipboard.</li> <li>Click  to display the URL of the internal endpoint . Click the URL to copy it to the clipboard.</li> </ul>   | Any URL.  |
| <b>Test</b>                     | <p>Click <b>Open</b>  to switch to the interface that allows you to test the application/API. The test interface is available on running services only.</p> <div>  The PAS platform features an <a href="#">xUML Runtime API</a> for each service. You can use the interface to obtain information on the states of the service's state machines in general, and to trigger state transitions. Refer to <a href="#">xUML Runtime API Reference</a> for a comprehensive list of all available requests.         </div> | -   |
| <b>Interface /Descriptor or</b> | <p>Click <b>Download</b>  to download the description (OpenAPI/WSDL) of the service interface.</p> <p>Click <b>Copy to clipboard</b>  to copy the private descriptor URL.</p>   | -   |
| <b>API</b>                      | Click <b>Import</b>  to import the API to <b>Scheer PAS API Management</b> . A wizard will support you in creating the API in API Management. Refer to <a href="#">Creating an API</a> in the <a href="#">API Management Guide</a> for details.  | -   |

## xuml\_service\_settings DEPRECATED

Delete when Admin Guide 24.1 has been published



Used on:

- [Adapting the Configuration of Containerized xUML Services](#)
- [Adapting the Configuration of Containerized xUML Services Kubernetes](#)

The settings are categorized into the following:

- **Global Settings:** In this category, you can change setting values that are global to the xUML service. Deployment information retrieved with deployment macros can be overwritten in this category, too (see **Global Settings** below).
- **Add-ons:** In this category, the settings comprise add-on related values like tagged values, interface URIs, and others. For instance, data of the SQL adapter, File System adapter, Timer, or SOAP service request may be overwritten. For more details, refer to the example below in **Add-on Settings**.



You can modify settings of a service no matter if the service is running or if it has been stopped. Saving the changes triggers a re-create and restart of the container. Changing the settings on a stopped service will start the service. Settings will be stored, so if you stop the service and restart it, the settings are restored.

**If you delete a service, all settings are lost and cannot be recovered.**