

Deployment to the Integration Component Bridge

i We recommend using container deployment as the default deployment target starting with PAS 23.1. For further information see:

- [Designer Guide > Deployment as Container](#)
- [Administration Guide > Controlling Containerized xUML Services](#)

i Prerequisites

If you want to deploy a service to the Integration component of the platform, your user needs the following:

- profile **integration_user** (refer to [Administration Guide > Overview of Standard Profiles](#))
- a Bridge user account created by a Bridge administrator

Related Pages:

- [Managing the Service Details](#)
 - [Using the Deployment Controls](#)
 - [Editing the Service Description](#)
 - [Editing the Deployment Properties](#)
 - [Deployment as Container](#)
 - [Aliases](#)
- [Deploying a Service](#)

Deployment Properties

Integration Component
Container

General

Version: 0.1.3

Category: Jane's Folder

Control Port: 21111

Service Port: 11111

Proxy Port: 5444

Enable Validation: Yes

Enable Angular Build: Yes

API Management

Organization: None

Secure Service: Yes

The deployment properties for deployment target **Integration** are displayed in sections **General** and **API Management**.

You can change the following deployment properties:

GENERAL		
Deployment Property	Input Type	Description
Version	String	Insert a version number for your service. The version number is displayed in the integration component (Bridge). <div style="border: 1px solid #ccc; padding: 5px; margin-top: 10px;"> <p>i The version of the service must follow Semantic Versioning 2.0.0: Major.Minor.Patch. A pre-release tag is optional. A version numbering that deviates from this will lead to errors during deployment.</p> </div>

Category	String	Category in which the service is displayed in the integration component (Bridge). By default, the name of the folder where the service is stored is used.
Control Port	Integer	Enter the number of the service control port. This port is used by the integration component (Bridge) to control the service and must be unique to the integration component. For further information see page xUML Service Details .
Service Port	Integer	Enter the port number the service is listening to. The port number must be unique to the integration component (Bridge). For further information see page xUML Service Details .
Proxy Port	Integer	<p>When you create a new service, the proxy port is set to 5444 by default. Do not change it if your Designer application contains forms. However, if necessary, you can change the proxy port for applications without forms.</p> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px;"> <p> Please note: The proxy protocol is always https and the proxy path is always the name of the service. The final URL is composed as follows:</p> <p style="text-align: center;">https://{ bridge host name }:{proxy port}/{service name} .</p> <p>Example: https://acme-corp.com:12345/myService</p> </div>
Enable Validation	Boolean	<p>Activate this option (Yes) to enable automatic compilation with each change in the respective model.</p> <p>Deactivate (No) the checkbox to disable the automatic compilation. If you chose this option, you can trigger the compilation manually via Start validation  in the controls panel. The corresponding service is also compiled during a deployment, an export of the repository or similar actions, even if automatic compilation is disabled.</p> <p>Default is Yes.</p>
Enable Angular Build	Boolean	<p>Activate this option (Yes) to enable the possibility to export your service as an Angular project for further pro-code development. You can find the export option in the additional menu of the controls panel.</p> <p>If the option is enabled, an Angular project will be created for all forms and for the instance table. Deactivate (No) the checkbox to disable the export. If the Angular build is disabled, it also will not build the Angular project on deployment.</p> <p>Default is Yes.</p> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px; background-color: #e6f2e6;"> <p> Expert Advice</p> <p>If your process does not contain user tasks with assigned forms and if you do not need the instance table, we recommend to disable this option. The deployment will be much faster and the repository file much smaller.</p> </div>
API MANAGEMENT		
Deployment Property	Input Type	Description
Organization	String	<p>Select one of your API Management organizations (optional). The REST API of the deployed service will be exposed by API Management and will be visible in the API Developer Portal.</p> <div style="border: 1px solid #ccc; padding: 10px; margin-top: 10px; background-color: #e6f2e6;"> <p> Go to the API Management Guide for further information about Scheer PAS API Management and <i>API Developer Portal</i>.</p> </div>

Secure Service	Boolean	<p>Activate this option (Yes) to create an OAuth policy on each published API endpoint or deactivate (No) to remove any existing OAuth policy. If the option is enabled, you need a PAS login to call the API. If the option is disabled, no authentication is needed.</p> <p>Default is Yes.</p> <div data-bbox="415 300 1065 386" style="border: 1px solid #c8e6c9; border-radius: 10px; padding: 5px;"> Go to the API Management Guide > Keycloak OAuth for further information.</div>
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