

API Settings

To view all APIs your user is allowed to see, go to tab **My APIs** in the navigation bar.

My APIs

My Clients

My Organizations

My Plans

My Notifications

ACME Corp.

ACME Currency Converter

With the ACME Currency Converter ACME Corp. presents you an API that supports you during invoicing.

Pending Approvals

Active Contracts

FREE Currency Converter

Test our Free Currency Converter to simplify your invoicing.

Pending Approvals

Active Contracts

PRODUCTION

CustomerQuery

The APIs are listed by organization s.

For detailed information about a given API and filter it to working with the API Management.

On this Page:

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- [API Details](#)
 - [Settings](#)
 - [Documentation](#)
 - [API Definition](#)
 - [Markdown Description](#)
 - [Policies](#)
 - [Contracts](#)
 - [Metrics](#)
 - [Change Log](#)

Related Pages:

- [APIs](#)
 - [Creating an API](#)
 - [Importing APIs](#)
 - [Publishing an API](#)
 - [Retiring an API](#)
 - [Testing APIs](#)
 - [Deleting an API](#)
- [Contracts](#)
- [The Concepts of API Management](#)

Related Documentation:

- [OpenAPI Specification](#)

ACME Corp.

This is the ACME test organization

Overview

APIs

Clients

Plans

Members

Change Log

ACME Currency Converter

With the ACME Currency Converter ACME Corp. presents you an API that supports you during investing.

Pending Approvals

Active Contracts

FREE Currency Converter

Test our free Currency Converter to simplify your investing.

Pending Approvals

Active Contracts

You can also view the list of existing APIs for an organization by navigating to the **APIs** tab of the organization's details page.

Click on an API tile to open the API's details page. Use the details page to modify the configuration.

Basic Settings

The **Overview** tab displays the most important information about an API and also offers various functionalities:

ACME DEVELOPMENT / Echo Test API

Basic API for testing

1.0

1

2

3

4

5

Overview

Settings

Documentation

Policies

Contracts

Metrics

Change Log

API Endpoint

https://dev.docker.devsystems.pas-internal.com/pas-test/gateway/ACMEDEVELOPMENT/EchoTestAPI/1

1

2

3

4

5

API Type

API Plan

Visibility

Requires Approval

Standard,link

API Developer Portal

Private API

YES

Attached Policies

1

2

3

4

5

Time Restricted Access Policy

Requires matching the regular expression and made outside the specified time period will receive a 403 error code

Policy created by pas-magpie @ 2024-01-11 19:38



Useful Information









Pending Approvals

Markdown

Active Contracts

API Definition

UI Element	Name	Description
Basic Settings (available in all tabs)		
1	Image	Click the API logo to upload your own image for this API. The image will be displayed in the API tile in API Management as well as in the API Developer Portal. This setting is valid for all versions of the API.
2	Name / Description	<ul style="list-style-type: none">Name: The name of the API is displayed in read-only mode.Description: The description of the API is changeable. Click in the field and start writing if you want to alter the displayed text. Your changes are saved automatically. This setting is valid for all versions of the API.
3	Version	<p>In this field, the current version of the API is displayed. Use the drop-down to switch between versions.</p> <p>To create a new version, click New Version  (refer to The Concepts of API Management > Versioning for detailed information).</p>
4	Delete	Click Delete  to remove the API. You will need to confirm the deletion in a separate pop-up window. This setting is valid for all versions of the API.

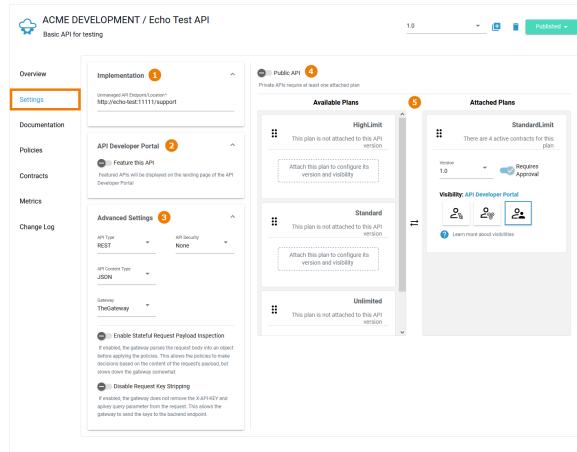
5	Status	<p>In this field, the current status of the API is displayed. Use the drop-down to change the status. An API can have the following states:</p> <div> <div>Created ▼</div> <div>Unpublished Changes ▼</div> <div>Published ▼</div> <div>Retired ▼</div> </div>
6	Navigation Bar	Use the navigation bar to access the various tabs of the API's details page (details of all tabs see below).
Overview Tab Settings (available only in tab Overview)		
7	API Endpoint	<p>Displays the endpoint of this API in read-only mode. Click Copy to clipboard  to copy the endpoint. Click Try!  to open the test UI for this API (refer to Testing APIs for details).</p>
8	Attached Policies	Displays a read-only overview on all policies assigned to this API. You can click on the name of a policy. This opens tab Policies where you can adapt the policies of this API.
9	API Type	<p>This section displays the API type and associated settings:</p> <ul style="list-style-type: none"> • Public API: For public APIs, no further information is shown, because the public endpoint is displayed directly in the API Developer Portal. • Private API: For private APIs, the assigned plans and their visibility are displayed, as well as information on whether approval is required when a contract is created in the Developer Portal. <p>Click on the type labels  Public API /  Private API to open tab Settings where you can adapt the API's implementation.</p>
10	Useful Information	<p>The displayed labels show some additional information about the API. The labels are interactive: Click on an entry to switch to the corresponding tab.</p> <ul style="list-style-type: none"> • Pending Approvals: Shows the number of open approval requests. Clicking the label will open tab Contracts. • Active Contracts: Shows the number of contracts associated with this API. Clicking the label will open tab Contracts. • Markdown: Indicates if documentation has been entered  or not . Clicking the label will open tab Documentation. • API Definition: Indicates if an API definition has been saved  or not . Clicking the label will open tab Documentation.

API Details




In the navigation bar of the details page, you will find several tabs where you can manage the various settings of the API. Refer to [Configuring an API](#) for more information about the necessary configuration steps.

Settings

Open tab **Settings** to provide the details about the backend API implementation:



The following settings are available in this tab:

UI Element	Name	Description
1	Implementation	The URL that the API Management will use to proxy a request made for this API.
2	API Developer Portal	Enable option Feature this API if you want to display the API on the landing page of the API Developer Portal. This setting is valid for all versions of the API.
3	Advanced Settings	Expand this section to display advanced options.
	API Type	Choose between the options REST , SOAP and UI .
	API Content Type	You can select JSON or XML . This information is primarily used to respond with a policy failure or error in the appropriate format.
	Gateway	Use the drop-down list to switch between different gateways. <div> Only one gateway is supported in the current version of API Management.</div>
	API Security	Choose between the options None , Basic Auth and MTLS/Two-Way-SSL . <div> Please note that BASIC Authentication is not ideal. It is especially insecure if not using SSL/HTTPS to connect to the backend API.</div> Endpoint Level Security Policy security alone does not secure an API's unmanaged endpoint. Endpoint security also secures the APIs from attempts to bypass the gateway. Scheer PAS API Management supports two endpoint security options: Basic Auth and MTLS (Two-Way-SSL). With Mutual TLS, a two-way trust pattern is created. The gateway trusts the APIs and the APIs trust the gateway. The APIs, however, do not trust the clients. The use of endpoint security prevents that a client can bypass the gateway and access the APIs directly. <div> The endpoint level of security applies to all requests made to the APIs, regardless of the policies configured.</div>

	Enable Stateful Request Payload Inspection	If this feature is enabled, the gateway will parse the request body into an object prior to applying the policies. This allows policies to make decisions based on the content of the request payload.
	Disable Request Key Stripping	If this feature is enabled, the gateway will not strip the X-API-KEY and apikey query parameter from the request. This allows the gateway to send the keys to the backend endpoint (see also API Key policy).
4	API Type	<ul style="list-style-type: none"> If the option is enabled, the API is accessible publicly and you can define the Visibility in this section. If the option is disabled, the API is not accessible publicly and you can attach the Available Plans in this section. <p>Refer to Configuring an API for details.</p>
5	Plan and Visibility Management	<ul style="list-style-type: none"> Column Available Plans displays all plans that are available in the corresponding organization. Drag the plans you want to use with this API to column Attached Plans. Attached plans contain a visibility section where you can define the user group that should be able to see the API in the API Developer Portal. <p>Refer to Configuring an API for details.</p>

Documentation

In the **Documentation** tab you can manage the API definition and the description of the API.

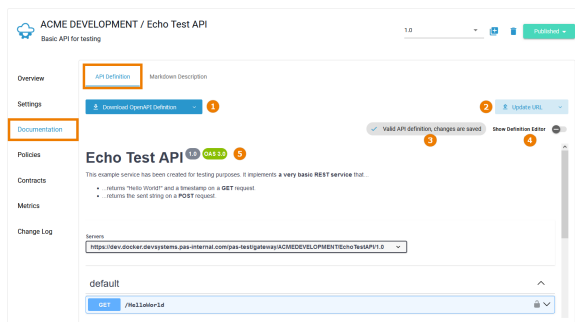
API Definition

An API definition file allows consumers to better understand how to use your API. If you want to test your API directly from API Management, it is necessary to have an API definition. If you have imported the API from the PAS Administration, the API definition is populated automatically. Alternatively, you can load a definition from a URL, or upload a definition file. Refer to [Configuring an API](#) for details.



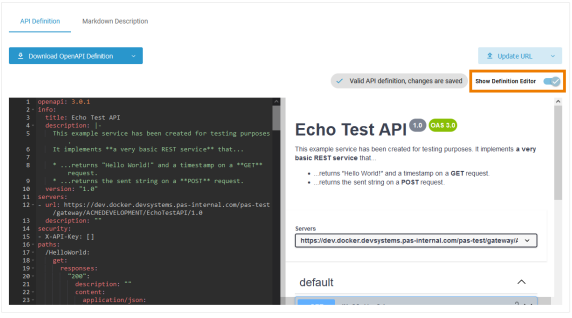
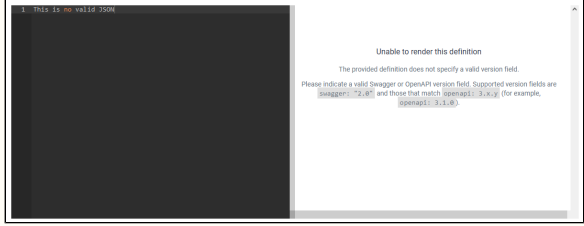
PAS 24.1 The OpenAPI definition is adapted, when the API is published:

- The API's name, version number and markdown description are taken over in the code displayed in the definition editor.
- Adding or removing policies enriches the OpenAPI definition.
(This also applies to the whole policy chain, even if the definition editor in the API details will only show API-related policy code.)



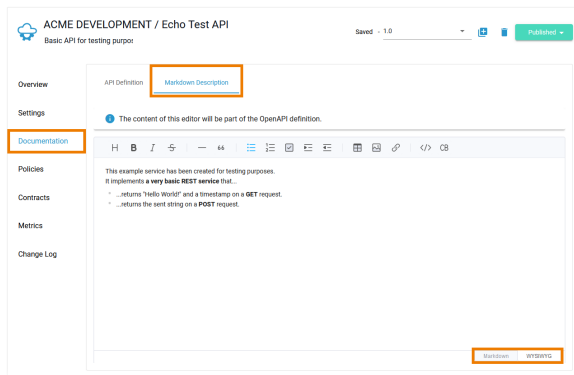
The following options are available in the **API Definition** tab:

UI Element	Setting	Description
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1	Download OpenAPI	<p>This button offers three options once an API definition has been provided:</p> <ul style="list-style-type: none"> Click the button to download the YAML file containing the OpenAPI definition. Click the arrow to access additional options: <ul style="list-style-type: none"> Select Copy URL to copy the URL of the OpenAPI definition. Select Copy Content to copy the content of the OpenAPI definition.
2	Update URL	<p>This button offers two options:</p> <ul style="list-style-type: none"> Click Update URL if you want to change API definition URL source. Click the arrow to access the additional option Upload File. You can then select the definition file you want to upload. <p>Supported formats are</p> <ul style="list-style-type: none"> OpenAPI & Swagger v2/v3 (JSON) OpenAPI & Swagger v2/v3 (YAML) WSDL
3	Definition Validity	The label indicates whether the content of the OpenAPI definition is valid or not. The validity label is only displayed when option Definition Editor is enabled.
4	Show Definition Editor	<p>Enable this option to display the definition editor. The editor contains the OpenAPI definition.</p> <p>The definition editor allows you to adapt some content of the displayed definition, but changes on the policy logic will be overruled during reload of the editor or publication of the API:</p>  <div> <p>Please note that the autosave in the editor is not triggered after the upload of an invalid file.</p> <p>If the definition content shows the message Unable to render this definition, your changes are not saved but discarded when you leave the page.</p>  </div>
5	OpenAPI Definition	In this section, the definition is displayed in a formatted, read-only version.

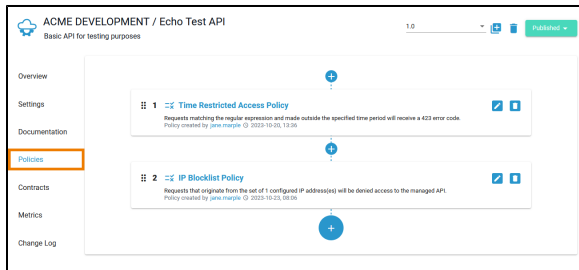
Markdown Description




In tab **Markdown Description** you can provide a description of your API to help developers understand how to use your API. To enable others to easily use your APIs, it is important to provide them with extensive API documentation. You can provide your description by either using the markdown or a text editor. The entered content is automatically saved and included in the OpenAPI definition, refer to [API Definition](#)):



Policies

The **Policies** tab allows you to manage the policies that should be applied whenever a request is made to this API. **The order of the policies is important:** The order in which the policies appear in the user interface determines the order they will be applied at runtime (refer to [Policies > Policy Chain](#) for details).



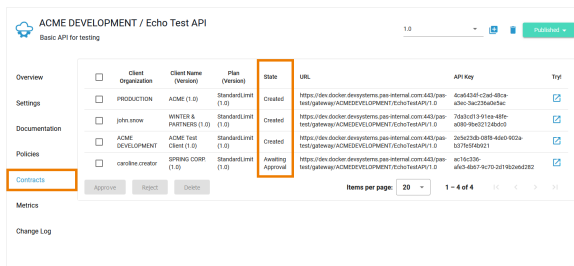
To add another policy to this plan, click one of the **Plus** buttons . You will be redirected to page **Add Policy**, where you can choose a policy and customize it (refer to [Attaching Policies](#) for details). If you want to adapt an attached policy, click **Edit**  to open the policy configuration. If you want to delete a policy from this API, click **Delete** .



Refer to chapter [Policies](#) for an overview of the standard policies supplied with **Scheer PAS A PI Management**. Page [Attaching Policies](#) explains how to attach and configure a policy.

Contracts

Use tab **Contracts** to display a list of all contracts between all clients and this API. The list shows all clients that can consume this API and also clients that are waiting for their request to be approved (refer to [Handling Approval Requests](#) for details):

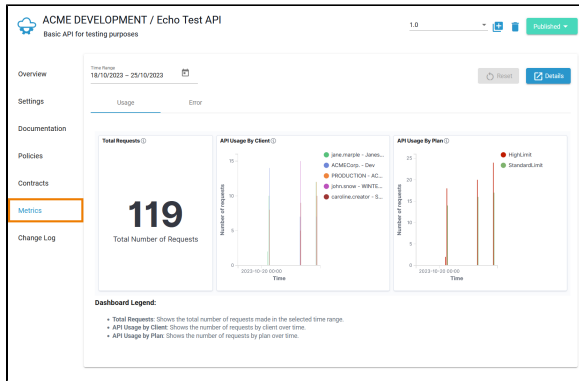


Metrics

Navigate to tab **Metrics** in the **APIs** section of API Management to display basic metric information about the API. Once an API has been used, you can use the **Metrics** tab to view basic analytics information and to figure out, how often the API has been used and when.



Refer to [Metrics](#) for detailed information about the available options.



Change Log

Navigate to the **Change Log** tab if you want to see an overview of changes made for this API. All configuration changes made by API Management users associated with this API are listed here:

