Managing a Private API Configuring the API

Next, you are going to configure your private API: You will attach plans and define their visibility.

Follow Our Example User Story

David Stringer wants the API to be available to customer developers. However, he would also like to be able to grant some customers privileged access. He therefore attaches various plans for the API.

Attach Plans and Define Visibility

In step 2 of this tutorial you have created two plans in your organization. You will now attach these plans to your API and define their visibility.

Good to Know

The visibility concept of API Management defines which user groups can find the APIs in the Developer Portal. The visibility resides on top of the permission system as another security layer. Visibilities are applicable to public APIs and plans for private APIs. Three different visibilities are available: **Organization members** (default), **API Management users**, and **API Developer Portal users**.

Refer to API Management Guide > The Concepts of API Management for more details.

On this Page:

Related Pages:

In tab **Settings** of the API details page all available plans of the organization are displayed.

Attaching plans to the API is simple: Just drag them from column **Available Plans** to column **Attached Plans**.

Attach both the Standard and the Gold plan to the API.

Plan Standard should be shown to all developers, plan Gold only to API Management users.

- Set the visibility of plan to Standard to **API Developer Portal**.
- Set the visibility of plan Gold to **API Management Users**.

David wants to keep track of who is using this API, so potential users of the API should have to apply for approval:

- Enable option **Requires Approval** for both plans.

Define API View in API Developer Portal

You have determined, who can see the API in the Developer Portal, now you can define its view.
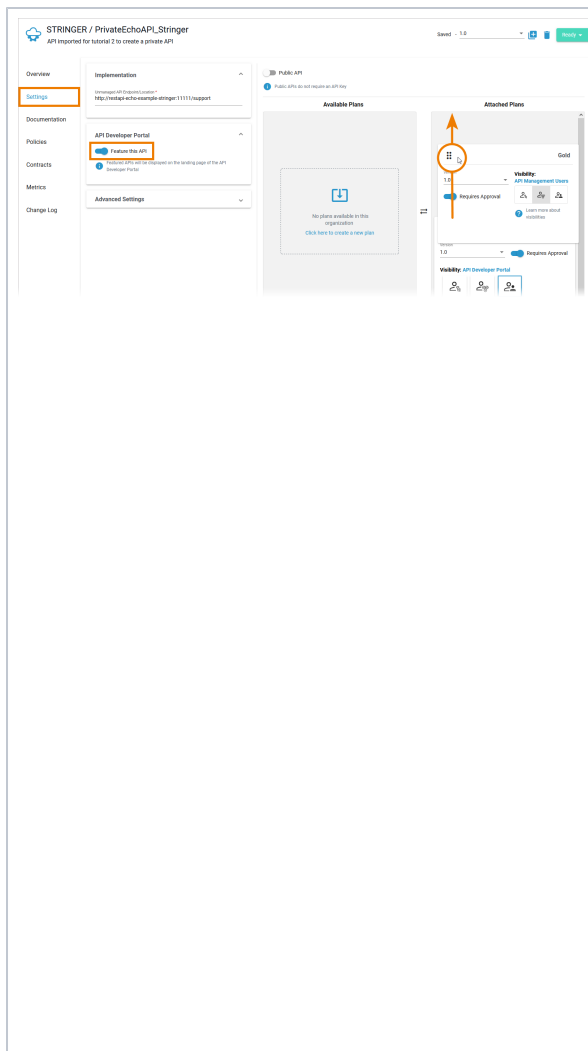
David wants to highlight the API in the Developer Portal by displaying it directly on the start page. He also wants to show plan Gold first.

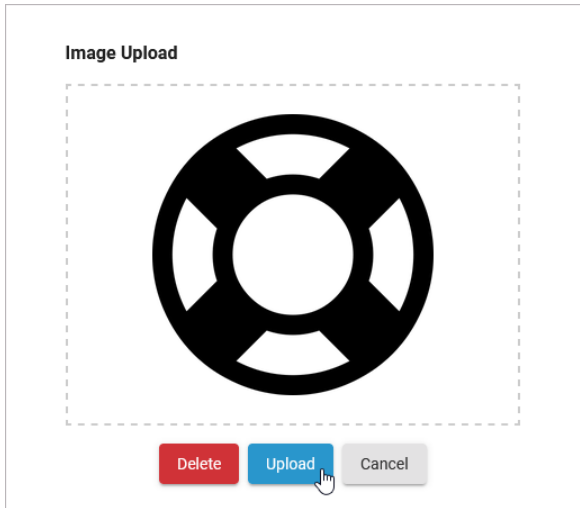In tab **Settings** of the API details page...

- ... enable option **Feature this API** in section **API Developer Portal**.
- ... drag plan Gold on the first position in section **Attached Plans**.
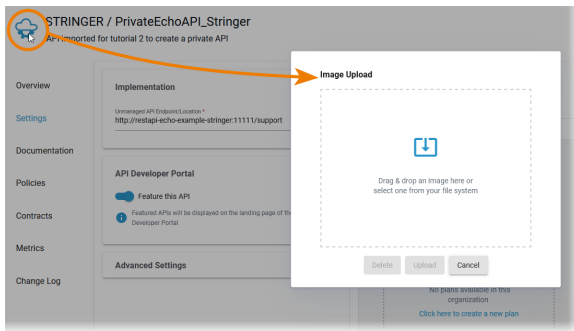
The API should also be displayed with its own icon.

ⓘ [Click here](#) to download as a support icon for the next step.

Click on the API logo on top left to open the image upload.

Drag & drop the icon into the window or click to search it on your computer.

Click **Upload** to **save** your changes.

Publish the API

Your private API is now configured and can be published. Only published APIs can be consumed by clients. Open the status drop-down on top right and click **Publish**.
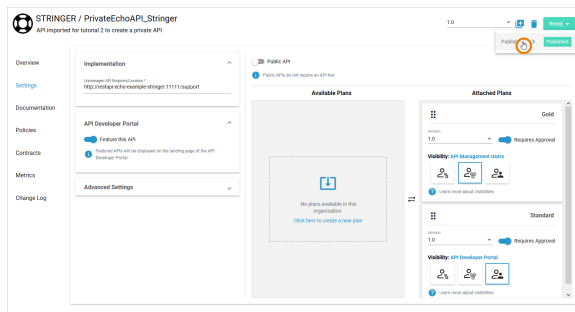
The new status of the API is displayed:
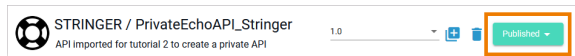

Test the Different Visibilities

Good to Know

The API Developer Portal allows you to grant customer developers access to your APIs. In the Developer Portal, developers can sign up for APIs, access them, and try out APIs that you have enabled for them. The portal is designed to keep the discovery and use of APIs simple for the target group.

Refer to API Management Guide > Developer Portal for more details.

Go to the PAS Portal and open the **API Developer Portal**.

You API is displayed correctly with its logo on the homepage of the Developer Portal.

Click **Learn more** to display the API details.

Since your user is an API Management user and you are logged in to the portal, you can see both plans in the API details. Plan Gold is displayed first as intended, both plans require approval.

⚠ Open the API Developer Portal of your

PAS installation and **make sure that you are not logged in with your PAS user.**

Recommendation: Open the portal in an incognito window of your current browser or open it in a different browser.

Now, you are using the portal as any other visitor without account.

Open the details of your API: Only plan Standard is displayed.

The configuration of your private API is applied as intended. Your API is ready for testing.