Subscribing to a Private API

Private APIs are only accessible for known consumers, called clients. Each client can consume multiple APIs within API Management. The relation between client and API is defined via a contract and a plan. Every client has an individual key to access the API.

> ⓘ Since everything in the API Management data model exists in the context of an organization, an organization is automatically created for users who only have access to the API Developer Portal. Refer to Developer Portal for detailed explanations of the restrictions of Developer Portal users.

If you want to consume a private API, you must first register for it.
To do so, click **Learn more** to open the API's details page.

In the **Plans** section, you find all available plans for the API and information on whether approval is required for a plan.

Click **Sign Up** on the plan you want to register for.

> ⓘ Users must have a valid PAS account to

consume private APIs. If you are not logged in before you click **Sign up**, you will be redirected to the PAS login pa

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① Select/create Client ② Summary ③ Confirmation **Select or create a new client** Search or create `WINTER & PARTNERS` [Create] Select from available Clients Client ――――――――――――――― No data found ――――――――――――――― [Next]	Now follow the wizard through some simple steps: - **Create a new client:** Enter the name of your client in field **Search or create**. Click **Create**.

① Select/create Client   ② Summary   ③ Confirmation
 	
Select or create a new client
 	
Search or create
`WINTER & PARTNERS`   [Create]
 	
Select from available Clients
 	
Client
    ◉   WINTER & PARTNERS
                                        [Next]
 	
Successfully created.
	After a successful creation, your client is displayed in the box below.
	
	Click **Next** to continue.

① Select/create Client	② Summary	③ Confirmation

Select or create a new client

Organization [▼]   Search or create   [Create]

Select from available Clients

	Organization	Client	Version
○	PRODUCTION	ACME	1.0 ▼
○	ACME Corp.	ACME Test Client	1.0 ▼
○	ACME DEVELOPMENT	ACME Test Client	3.0 ▼
○	ACME Corp.	Dev	1.0 ▼
○	ACME DEVELOPMENT	DevClient	2.0 ▼

[Next]

If your user has permission to use or create clients in various organizations, a different view will be displayed:

- Field **Organization** is a drop-down and you can select the organization you want to create a new client in.
- Below, the list of available clients for your user is displayed and you can select one directly.
- If a client has more then one version, you can also select the client version from a drop-down list.

Click **Next** to continue.

Summary

API Documentation

Displays the Open API definition (Swagger) and allows for making test calls if the API is available.

[API Documentation] [⬇]

API Key

When an API contract is created, the system generates a unique API Key.
This API Key is unique per client and the same for all contracts of this client.
All requests made to the API must include this API Key.

As HTTP Request Header
You will be provided an API key after signup ⧉

Endpoint

Use this URL to access the API:

As HTTP Query Parameter
You will be provided an endpoint after signup ⧉

Policies

Rate Limiting Policy

Requests are limited to **1000** requests per **Day** per **Client**

The following headers in the response contain useful information relating to rate limit:

- **X-RateLimit-Limit:** Rate limit allowance (per time period)
- **X-RateLimit-Remaining:** Rate limit allowance remaining
- **X-RateLimit-Reset:** The time the rate limit will be reset (in seconds)

Transfer Quota Policy

You can transfer a maximum of **1000 MB** of data per **Day** per **Client**

The following headers in the response contain useful information relating to quota limit:

- **X-TransferQuota-Limit:** Quota limit allowance (per time period in bytes)
- **X-TransferQuota-Remaining:** Quota limit allowance remaining (in bytes)
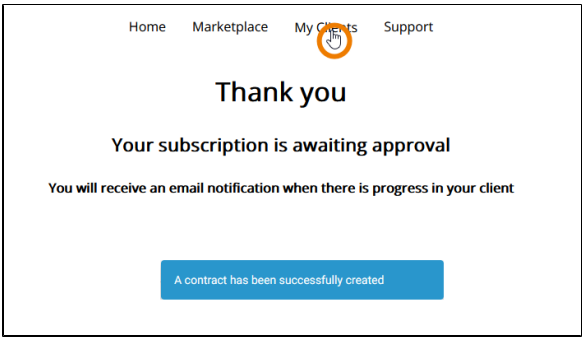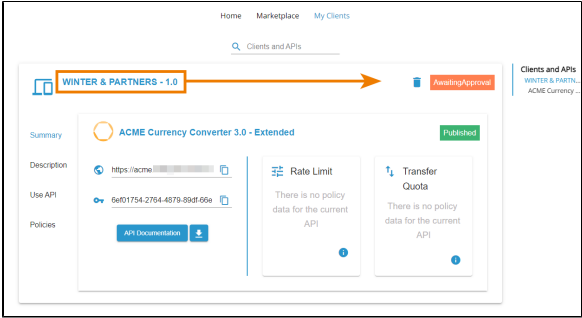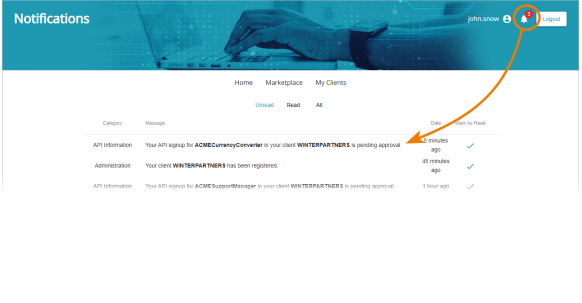- **X-TransferQuota-Reset:** The time the quota limit will be reset (in seconds)

[Back] [Confirm]

In step 2, the summary displays the API-related information.

Click **Confirm** to send your request.

ⓘ **API Key** and **Endpoint** will be provided to you after your request is approved.

A success message is displayed in the Developer Portal.

If approval is required for the API you subscribed to, you now have to wait for the approval.
If approval is not necessary to use the API, you have now access to it.

If you want to check your newly created client, switch to the **My Clients** tab.

Tab **My Clients** displays an overview of your clients and their contracts.

Your new client is displayed and labeled as **Awaiting Approval**. Refer to Handling Approval Requests for detailed information about the approval process in API Management.

As soon as an administrator approved your request, you will get a notification.

Now you can start using the API.