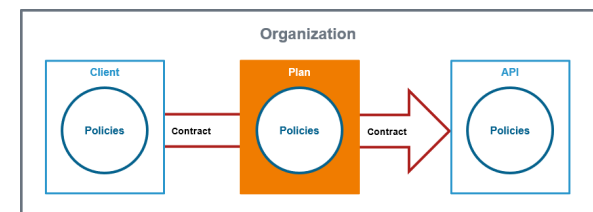


# Managing a Private API Creating a Plan

An organization can have multiple plans associated with it. Typically each plan within an organization consists of the same set of policies but with different configuration details.



STRINGER

Test Organization of David Stringer

Overview

APIs

Clients

Plans

Members

No plans available

Click here to create a new plan

Select Entity

Choose Organization

Configure Details

Summary

Enter the details for your plan:

Name \*

Standard

Version \*

1.0

Description

Plan with low

Cancel

Back

Next

Open tab **Plans** on the organization's detail page and use the link **Click here to create a new plan**.

A wizard supports you during the creation process. First, enter a **Name** and an optional **Description** for your plan:

- **Plan Name**: Standard
- **Initial Version**: 1.0
- **Description**: Plan with low rate limit

Click **Next**.



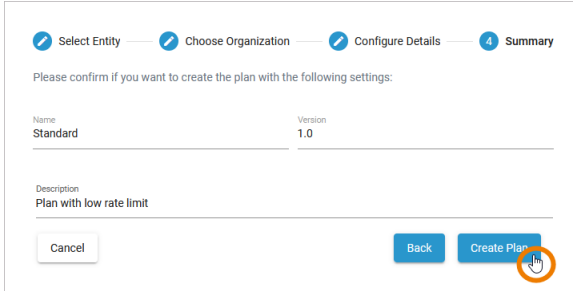
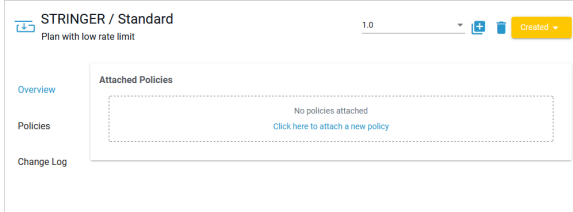
Step 3: Importing the API

## On this Page:

- [Adding a Policy to the Plan](#)
- [Create a Second Plan](#)

## Related Documentation:

- [Plans](#)
  - [Creating a Plan](#)
- [Policies](#)
  - [Attaching Policies](#)
  - [Rate Limiting](#)

|   |  |
|---|--|
|  | <p>Click <b>Create Plan</b> to confirm your settings and create your first plan.</p> <p>Click <b>Back</b> if you want to adapt your entries.</p>   |
|  | <p>The plan has been created. The plan's detail page opens automatically.</p> <p>Refer to <a href="#">API Management Guide &gt; Plans</a> to learn more about the details of a plan and its configuration options.</p> |

## Adding a Policy to the Plan

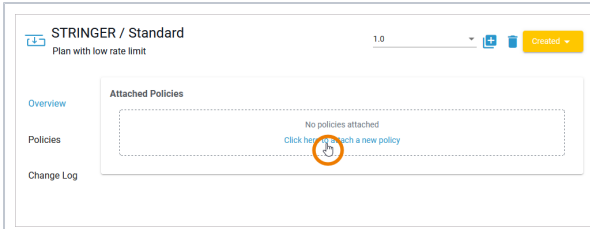
To restrict access to the API, you need to add at least one policy to the plan.

### Good to Know

A policy is a rule or a set of rules API Management uses to manage access to your APIs. Policies are applied to all API requests and represent a unit of work applied at runtime to the request by API Management.

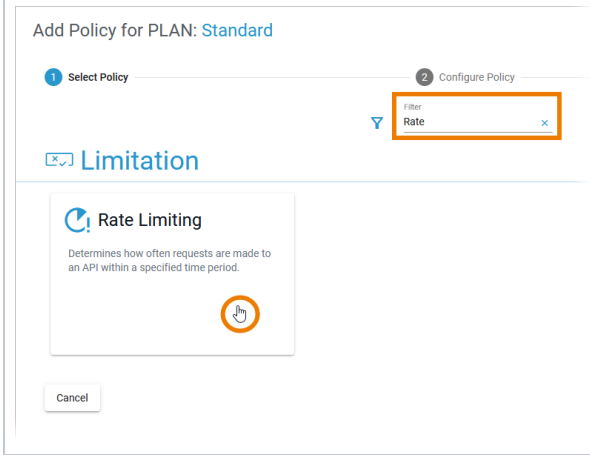
Policies are applied through a policy chain: when a request to an API is made, API Management creates a chain of policies to be applied to that request. The policy chain is applied to the request in a fixed order: Client policies are applied first, then policies added to plans, and finally policies added to the API itself.

Refer to [API Management Guide > Policies](#) for more details.



In tab **Overview > Attached Policies** use the link **Click here to attach a new policy**. This will open the policy wizard.

For an overview on all policies provided in API Management refer to [API Management Guide > Policies](#). Each policy and its configuration options are explained on dedicated pages.



You are going to add a rate limiting policy to your setup.

In the list of policies, search for the **Rate Limiting Policy** and click its tile to select it.

Add Policy for PLAN: [Standard](#)

1 Select Policy 2 **Configure Policy** 3 Summary

**Rate Limiting**

Basic Configuration

I want to limit request rates to 10 requests per Client per Minute

Number Granularity Period

Advanced Configuration

Cancel Back **Next**

As soon as one of the policies has been selected, the configuration of this policy is displayed.

Using the **Rate Limiting Policy**, you can define the number of times requests can be made to the API within a specified period of time.

For your [Standard](#) plan, you are going to limit requests to 10 requests per Client per Minute.

Click **Next** to display the summary and **Save** to finally attach the policy.

STRINGER / Standard 1.0 Created

Plan with low rate limit

Overview

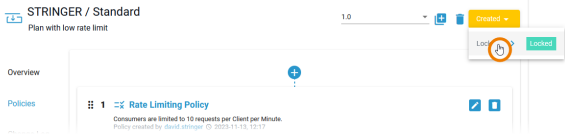
**Policies**

Change Log

1 **Rate Limiting Policy**

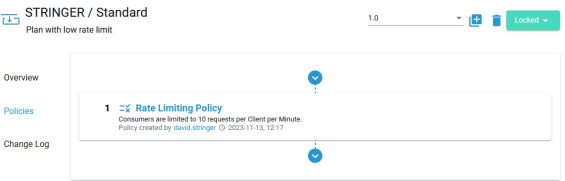
Consumers are limited to 10 requests per Client per Minute.  
Policy created by june.margis @ 2022-11-15, 12:10

The **Rate Limiting Policy** now is displayed on the plan's detail page > tab **Policies**.



Only locked plans can be used by APIs. This is necessary to prevent that API providers change the details of the plan while the client developers are already using it.

To make you plan available, you have to lock it now: Open the status drop-down and click **Lock**.



The new status of the plan is displayed.



Once a plan is locked, it cannot be revised anymore. However, you can still create a new version of this plan.

# Create a Second Plan

|  |  |
|--|--|
| <div><div>STRINGER / Standard</div><div>Plan with low rate limit</div><div>1.0</div><div>Locked</div><div>Overview</div><div>Policies</div><div>Change Log</div><div>1 Rate Limiting Policy</div><div>Consumers are limited to 10 requests per Client per Minute</div><div>Policy created by david.stringer @ 2023-11-15, 15:17</div><div>Create API</div><div>Create Client</div><div>Create Organization</div><div>Create Plan</div></div> | <p>Wanting to provide different levels of access to the API, you can create a second plan named Gold in your organization.</p> |
| <div><div>STRINGER / Gold</div><div>Plan with higher rate limit</div><div>1.0</div><div>Locked</div><div>Overview</div><div>Policies</div><div>Change Log</div><div>1 Rate Limiting Policy</div><div>Consumers are limited to 20 requests per Client per Minute</div><div>Policy created by david.stringer @ 2023-11-15, 15:44</div></div>   | <p>Add a rate limiting of 20 requests per Client per Minute and lock your second plan.</p>                                     |
| <div><div>STRINGER</div><div>Test Organization of David Stringer</div><div>Overview</div><div>APIs</div><div>Clients</div><div>Plans</div><div>Members</div><div>Change Log</div><div>Gold</div><div>Plan with higher rate limit</div><div>Standard</div><div>David's standard plan</div></div>  | <p>Open your organization on STRINGER. Both plans are displayed within your organization now.</p>                              |