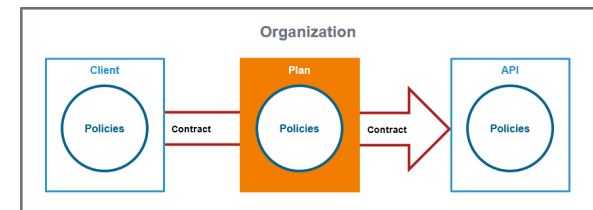# Managing a Private API Creating a Plan

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.

On this Page:

- Adding a Policy to the Plan
- Create a Second Plan

Related Documentation:

- Plans
  - Creating a Plan
- Policies
  - Attaching Policies
  - Rate Limiting

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
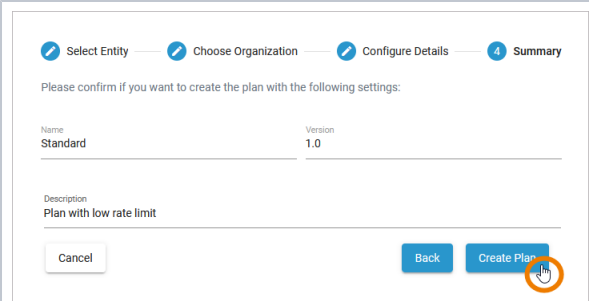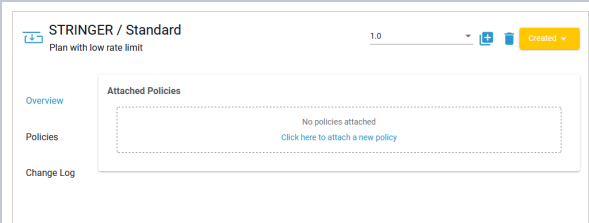
Click **Next**.

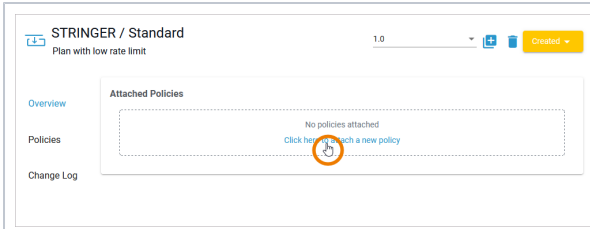|	
Select Entity — Choose Organization — Configure Details — ④ Summary Please confirm if you want to create the plan with the following settings: Name Standard Version 1.0 Description Plan with low rate limit Cancel Back Create Plan	Click **Create Plan** to confirm your settings and create your first plan. Click **Back** if you want to adapt your entries.
STRINGER / Standard Plan with low rate limit 1.0 Created ▾ Overview Policies Change Log Attached Policies No policies attached Click here to attach a new policy	The plan has been created. The plan's detail page opens automatically. Refer to A PI Managem ent Guide > Plans to learn more about the details of a plan and its configurati on options.

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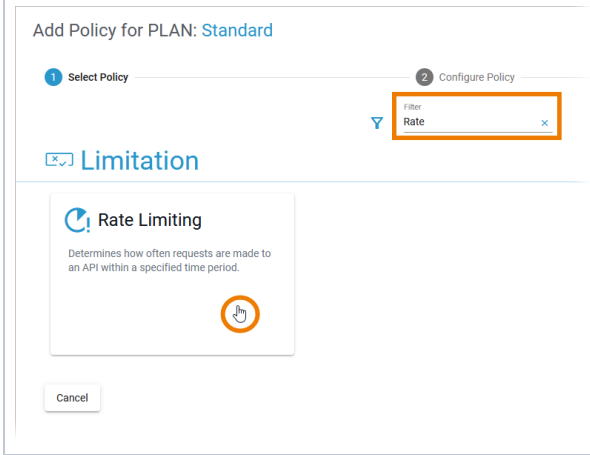
Policies are applied through a policy chain: when a request to an API is made, API Management creates a chain of policies to be applied to that request. The policy chain is applied to the request in a fixed order: Client policies are applied first, then policies added to plans, and finally policies added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

Refer to API Management Guide > Policies for more details.

STRINGER / Standard Plan with low rate limit 1.0 Created Overview **Attached Policies** Policies No policies attached Click here to attach a new policy Change Log	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.

Add Policy for PLAN: Standard
 	
① **Select Policy**   ② Configure Policy
 	
           Filter
         ▽   Rate   ✕
 	
⊡ **Limitation**
 	
    ◔ Rate Limiting
       Determines how often requests are made to
       an API within a specified time period.
 	
          🖑
 	
Cancel
	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.

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.

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

STRINGER / Standard
Plan with low rate limit

1.0

Created

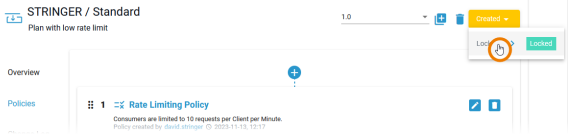Locked   Locked

Overview

Policies   1   Rate Limiting Policy
                Consumers are limited to 10 requests per Client per Minute.
                Policy created by david.stringer ⏱ 2023-11-13, 12:17

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**.

STRINGER / Standard
Plan with low rate limit

1.0

Locked

Overview

Policies   1   Rate Limiting Policy
                Consumers are limited to 10 requests per Client per Minute.
                Policy created by david.stringer ⏱ 2023-11-13, 12:17

Change Log
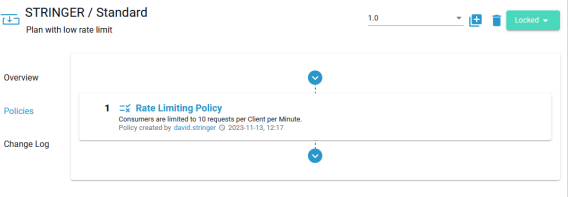
The new status of the plan is displayed.

⚠️ 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

STRINGER / Standard Plan with low rate limit　　　　　1.0　Locked ▾ Overview Policies 　　1　Rate Limiting Policy 　　　Consumers are limited to 10 requests per Client per Minute. 　　　Policy created by david.stringer ⏱ 2023-11-13, 12:17 Change Log Create API Create Client Create Organization Create Plan	Wanting to provide different levels of access to the API, you can create a second plan named Gold in your organization.
STRINGER / Gold Plan with higher rate limit　　　　1.0　Locked ▾ Overview Policies 　　1　Rate Limiting Policy 　　　Consumers are limited to 20 requests per Client per Minute. 　　　Policy created by david.stringer ⏱ 2023-11-13, 13:44 Change Log	Add a rate limiting of 20 requests per Client per Minute and lock your second plan.
STRINGER Test Organization of David Stringer Overview APIs Clients Plans Members Change Log Filter Gold — Plan with higher rate limit Standard — David's standard plan	Open your organization STRINGER. Both plans are displayed within your organization now.