

Step 1: Create an API proxy

You're viewing **Apigee Edge** documentation.

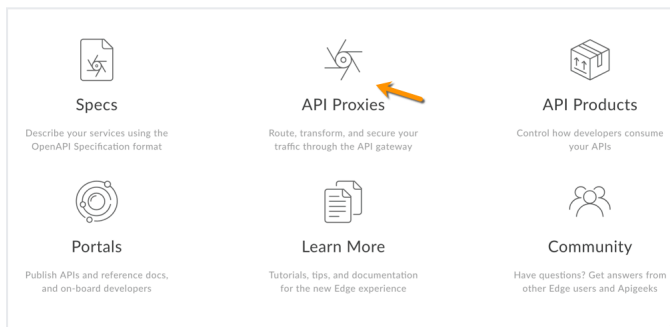
Go to the **Apigee X** documentation (<http://cloud.google.com/apigee/docs>). ⓘ

This section explains how to create a simple API proxy.

EDGE CLASSIC EDGE (PRIVATE CLOUD)

To create an API proxy using the Edge UI:

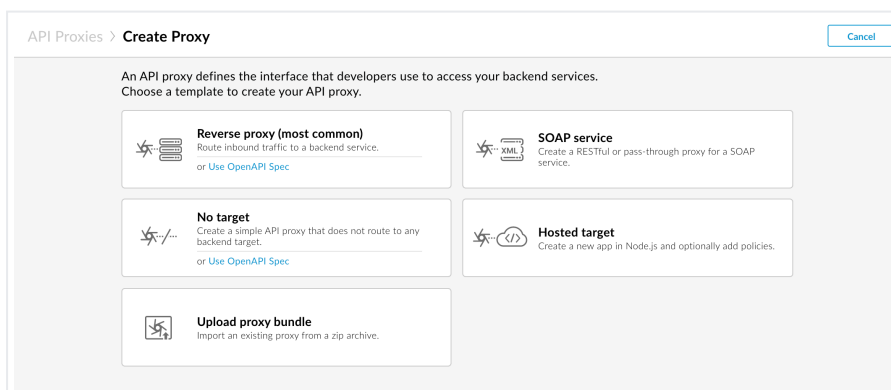
1. Sign in to apigee.com/edge (<https://apigee.com/edge>).
2. Click **API Proxies** in the main window:



3. Click **+Proxy**.



Apigee walks you through the process of creating a new proxy. First, select the type of proxy:



4. Click **Reverse proxy (most common)**.

Apigee displays the **Proxy details** page.

5. Configure your proxy details, as follows:

- **Name:** Enter **getstarted**. If a proxy already exists with this name, then use a different name.
- **Base path:** Ensure this is set to **/getstarted**.

The base path is part of the URL used to make requests to your API. Edge uses the URL to match and route incoming requests to the proper API proxy.

- **Description (Optional):** Enter a description for your new API proxy, such as **Get started proxy**.
- **Target (Existing API):** Enter **https://mocktarget.apigee.net**. This defines the target URL that Apigee Edge invokes on a request to the API proxy.

The mocktarget service is hosted at Apigee and returns simple data. It requires no API key or access token.

Your proxy's details should look like the following:

The screenshot shows the 'Proxy details' configuration page in Apigee Edge. At the top, there is a progress bar with four steps: 1. Proxy details (active), 2. Policies, 3. Virtual hosts, and 4. Summary. The main form contains the following fields:

- Name:** A text input field containing 'getstarted'. To the right of the field is a green checkmark and the text 'Available'. Below the field, a note states: 'Alphanumeric characters, dash (-) or underscore (_)'.
- Base path:** A text input field containing '/getstarted'. Below the field, a note states: 'This proxy will handle requests on hostname/base-path [Learn more](#)'.
- Description:** A text input field containing 'Get started proxy'.
- Target (Existing API):** A text input field containing 'https://mocktarget.apigee.net'. This field is highlighted with a blue border. Below the field, a note states: 'The URL of the backend service that this proxy invokes'.

At the bottom right of the form, there are two buttons: 'Previous' (disabled) and 'Next' (active).

6. Click **Next**.
7. On the **Common policies** page, under Security: Authorization ensure that **Pass through (no authorization)** is selected, and click **Next**.

Proxy details Policies Virtual hosts Summary

Common policies

Security: Authorization

- ☐ API Key
- ☐ OAuth 2.0
- ☒ Pass through (no authorization)

Security: Browser

- ☐ Add CORS headers
Required for enabling web browser access to this proxy. [Learn more](#)

Quota

- ☐ Impose quotas per App
Available only for proxies with authorization. Quota details are configured in API Products. [Learn more](#)

Monetization

- ☐ Enforce monetization limits
Blocks requests once a developer has expended their pre-paid balance, or reached their credit limit. [Learn more](#)

[Previous](#) [Next](#)

8. On the **Virtual hosts** page, select **default** and **secure**, and click **Next**.

Proxy details Policies Virtual hosts Summary

Virtual hosts

For incoming traffic, select the virtual hosts this proxy will bind to when it is deployed. [Learn more](#)

VIRTUAL HOST	HOST ALIAS
<input checked="" type="checkbox"/> default	http://ahamilton-eval-prod.apigee.net/getstarted http://ahamilton-eval-test.apigee.net/getstarted
<input checked="" type="checkbox"/> secure	https://ahamilton-eval-prod.apigee.net/getstarted https://ahamilton-eval-test.apigee.net/getstarted

[Previous](#) [Next](#)

9. On the **Summary** page, make sure the **Test** environment is selected under **Optional Deployment** and click **Create and deploy**:

Proxy details Policies Virtual hosts Summary

Summary

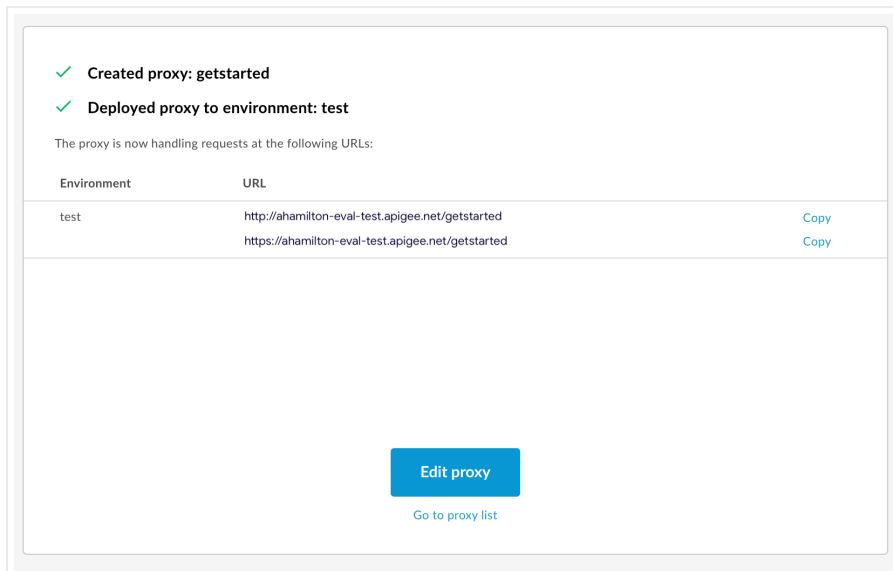
Proxy name: getstarted
Proxy type: Reverse Proxy
Proxy base path: /getstarted
Target: https://mocktarget.apigee.net
Policies: Authorization - Pass through (no authorization)
Virtual hosts: my-test-vhost, secure

Optional Deployment

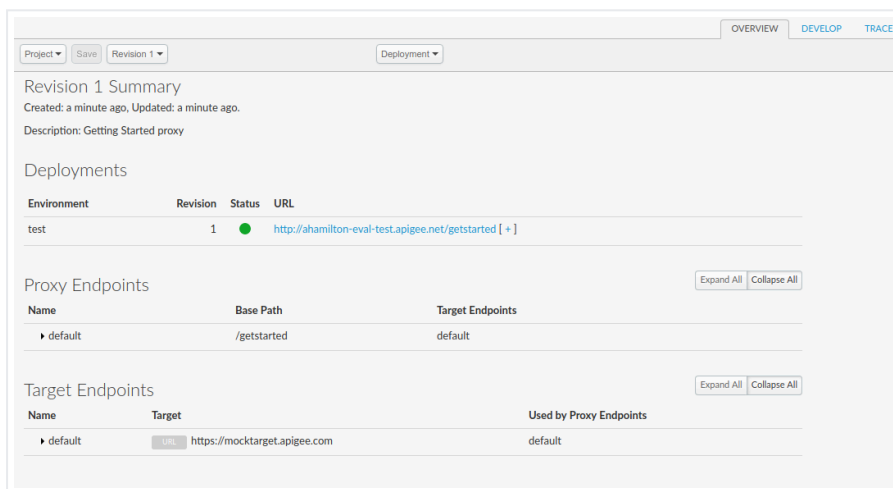
☐ Prod ☒ Test
The proxy will begin handling requests only after it's deployed to an environment.

[Previous](#) [Create and deploy](#)

Apigee creates your new API proxy and deploys it to your test environment:



10. Click **Edit proxy** to display the Overview page for the API proxy:



Note that if you expand the [+], the UI lists both HTTP and HTTPS URLs for the test environment:



As a result, you can send requests to either, but this tutorial uses HTTPS.

Congratulations!

You've created a simple API proxy. Next you'll test it to see how it works.

Next step