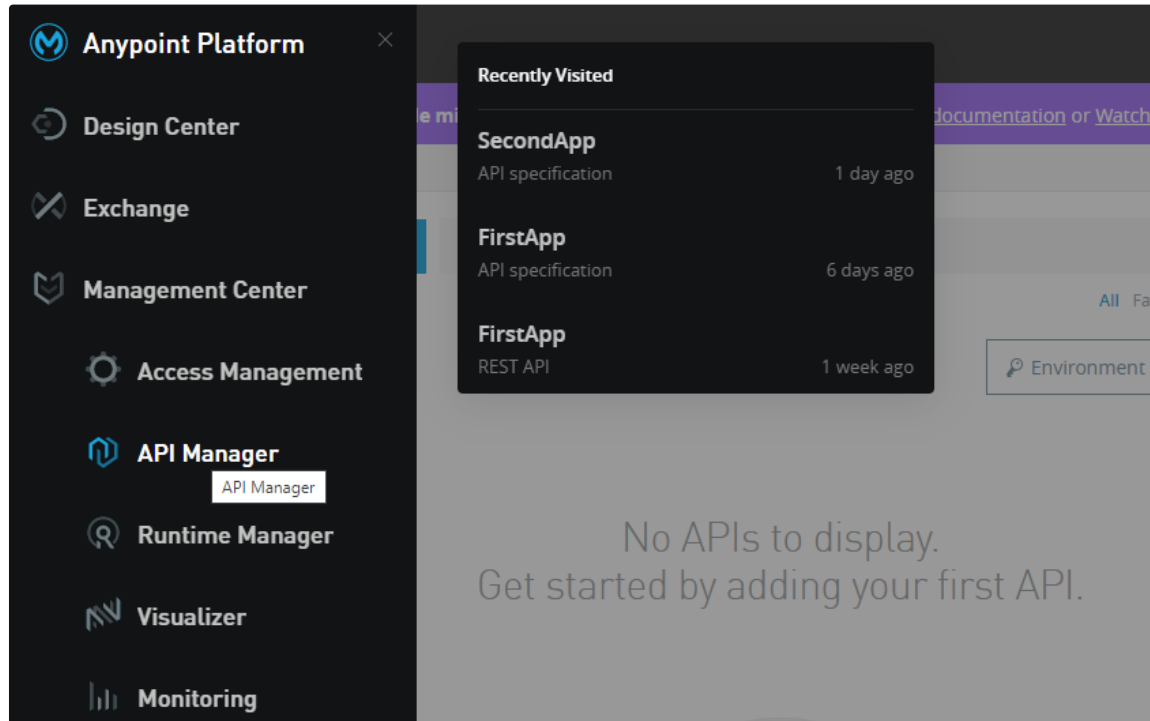


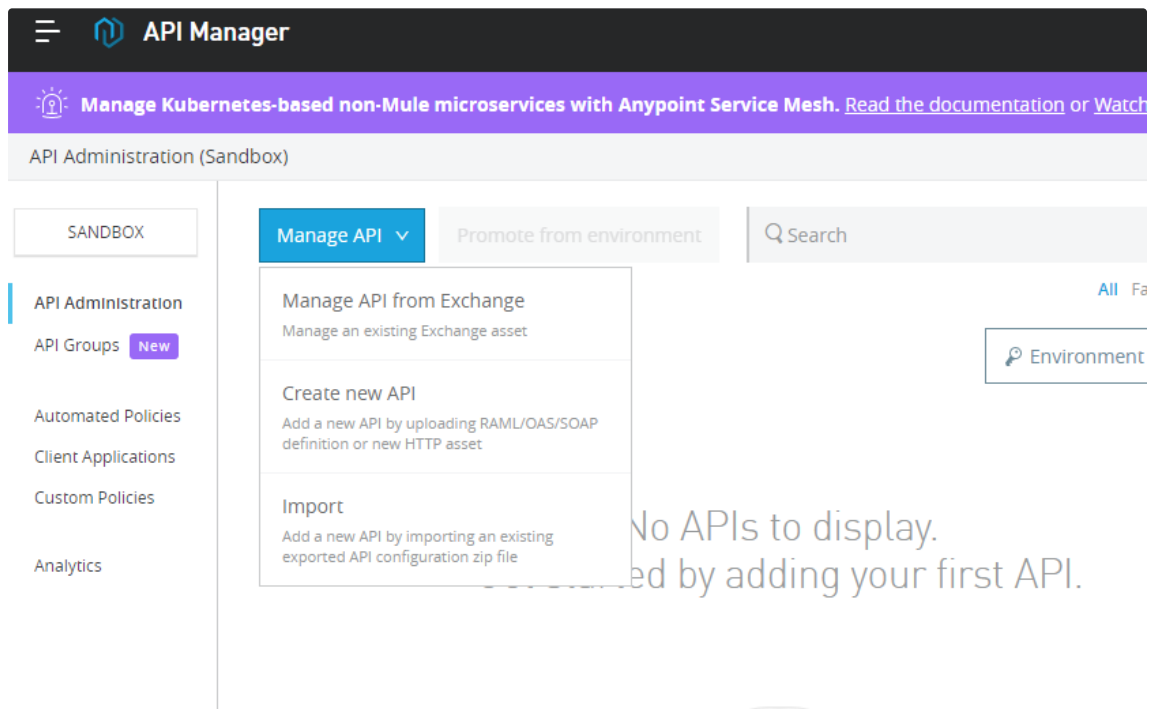
Deploying and managing the API

Configure API Autodiscovery

On the left sidebar, select the API Manager item under the Management Center



Click Manager API dropdown button and click on the Manage API from Exchange item



In the API Name input, type SecondApp which we published to Exchange before

The system will look up and show the API list, select the one we want to create API Manager for. The system will auto fill the information of the API

Manage Kubernetes-based non-Mule microservices with Anypoint Service Mesh. [Read the documentation](#) or [Watch the webinar](#)

API Administration (Sandbox) Get from Exchange

SANDBOX

API Administration

Manage API from Exchange

API Configurations

API name:

SecondApp

Asset type:

RAML/OAS

API version:

1.0.0

[View API in Exchange](#)

Asset version:

1.0.1

Managing type:

☒ Basic Endpoint

☐ Endpoint with Proxy

Check the Select if you are managing this API using Mule 4 or above selectbox, then click Save

on (Sandbox) Get from Exchange

1

Application type:

☒ Mule application

Running on Hybrid or CloudHub

☐ Non-Mule application managed by **Anypoint Service Mesh** **New**

Manage Kubernetes-based non-Mule microservices with Anypoint Service Mesh [Learn more about Anypoint Service Mesh](#)

Mule version:

☒ Select if you are managing this API using Mule 4 or above.

Implementation URI:
(Optional)

https://api.domain.com

Base URI not defined in the API specification.

Advanced options >

The system will create an API Manager

Manage Kubernetes-based non-Mule microservices with Anypoint Service Mesh. [Read the documentation](#) or [watch the webinar](#).

Administration (Sandbox) SecondApp (1.0.0) - Settings

SecondApp 1.0.0

API Status: ● Unregistered Asset Version: 1.0.1 **Latest** ⓘ Type: RAML/OAS

[+ Add consumer endpoint](#)

API Instance ⓘ **Autodiscovery** ⓘ

ID: 16684597 API ID: 16684597

Label: [+ Add a label](#)

[Download CSV](#)

Requests Top Apps Latency

☐ Include Policy Violations

1h 3h 1d 7d 1m 3m 1y

Please copy the API ID under the Autodiscovery section, we will use this value to register API Autodiscovery in the Anypoint Studio

Configure API Autodiscovery

Back to Anypoint Studio, click Global Elements tab

secondapp x Mule Pa

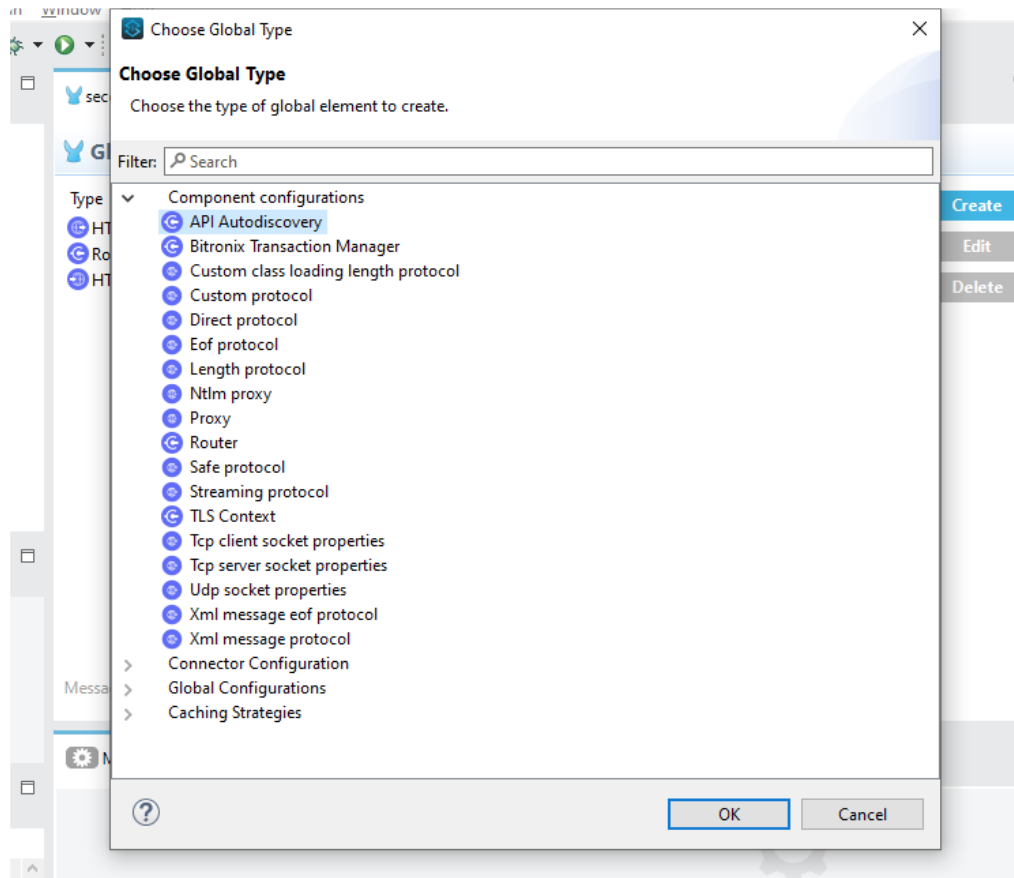
Global Configuration Elements

Type	Name	Description	Create
HTTP Listener config (Configuration)	secondapp-httpListenerConfig		Edit
Router (Configuration)	secondapp-config		Delete
HTTP Request configuration (Configuration)	HTTP_Request_configuration		

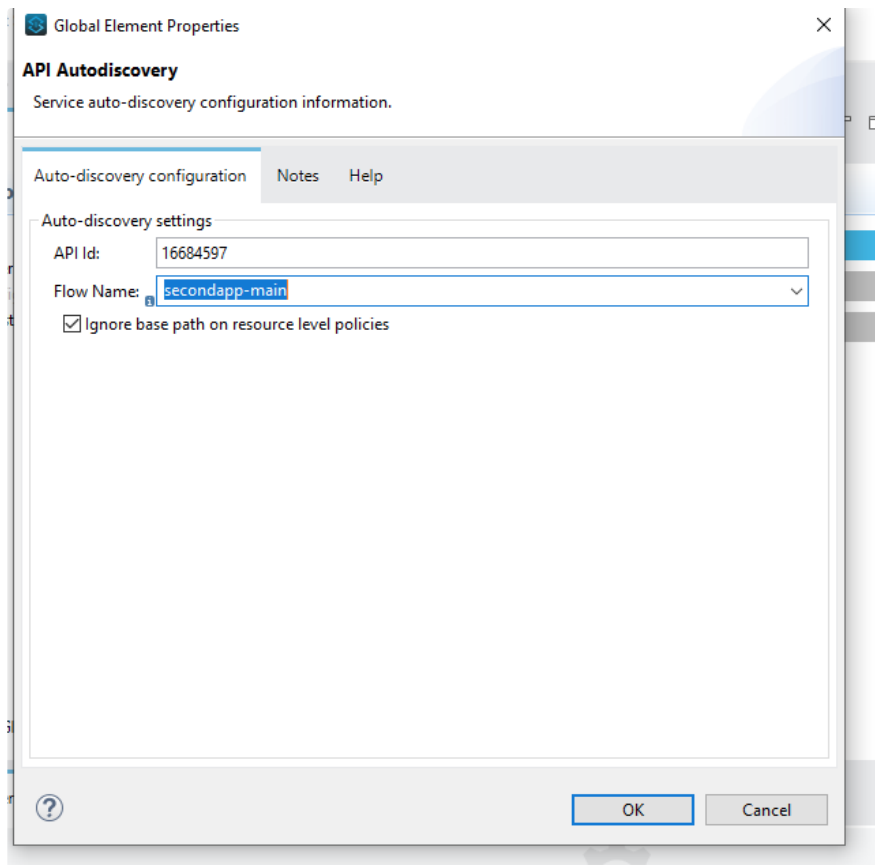
Message Flow Global Elements Configuration XML

Mule Properties x Problems Console

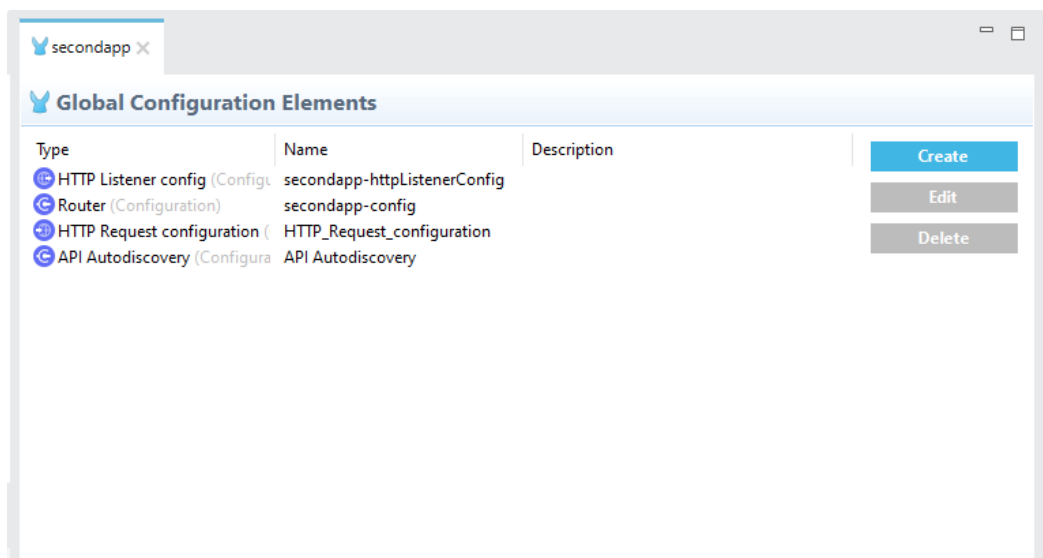
Click Create button, Expand the Component configurations section, Select API Autodiscovery and click OK button



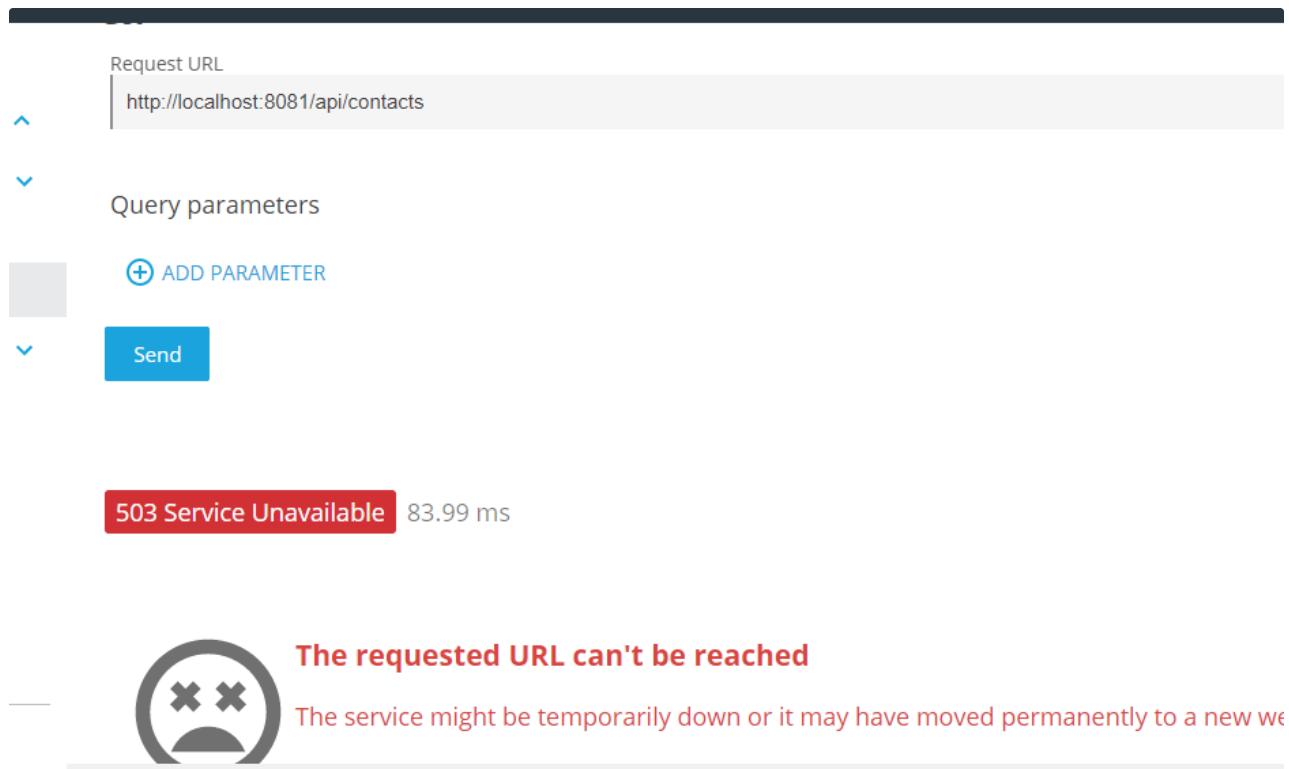
Input the API ID that you copied above and select the Flow name then click OK button



A new global configuration item will be added

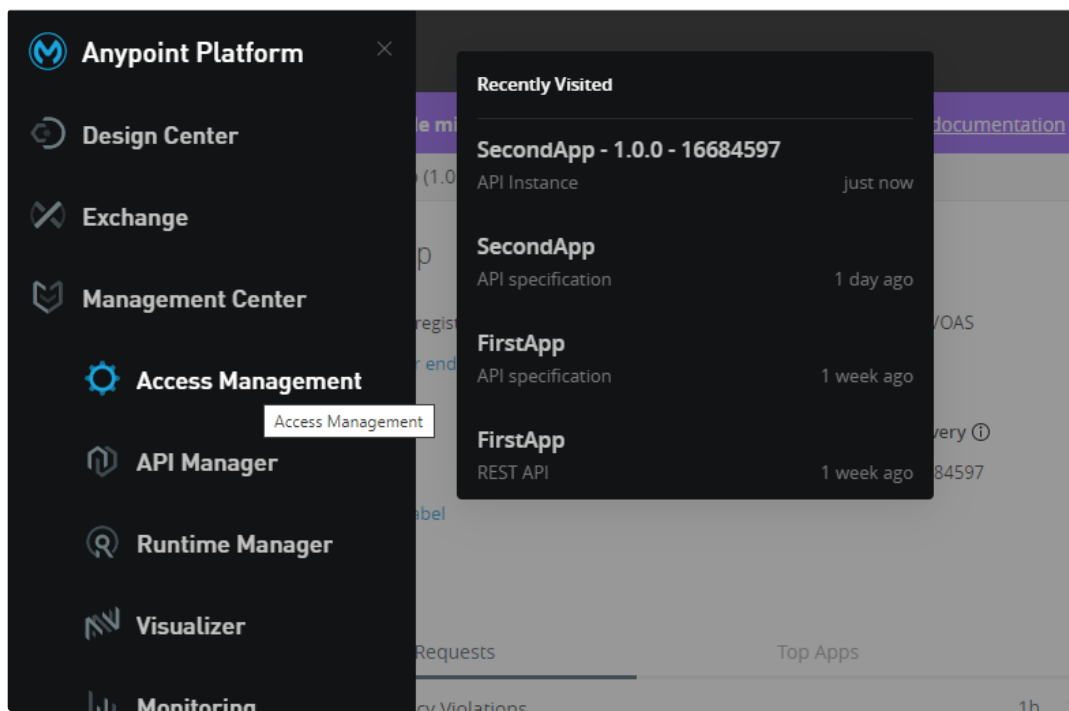


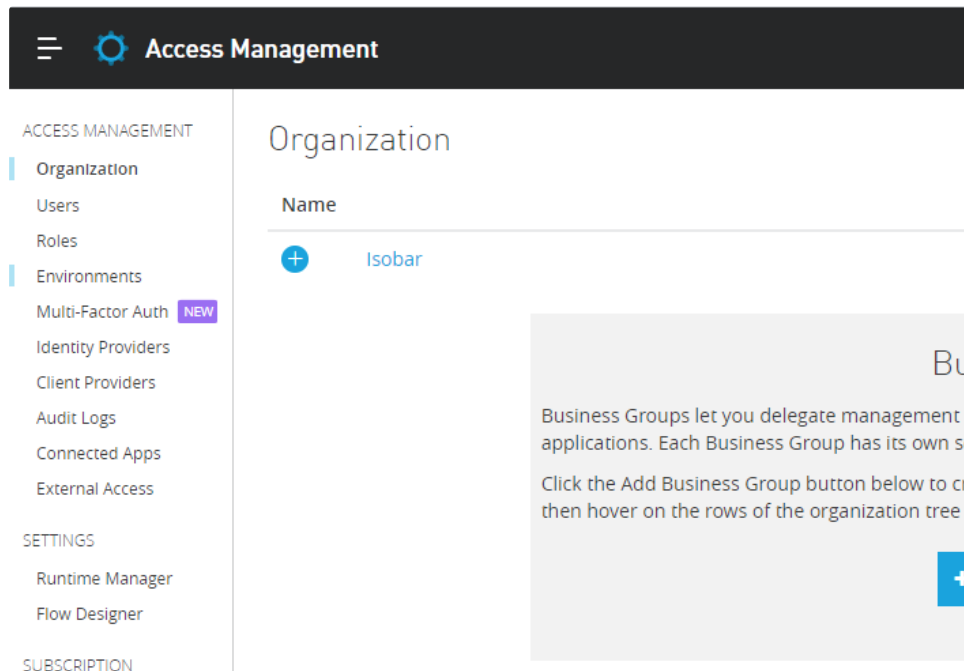
Try to run the application again, then try the API, you will get this error



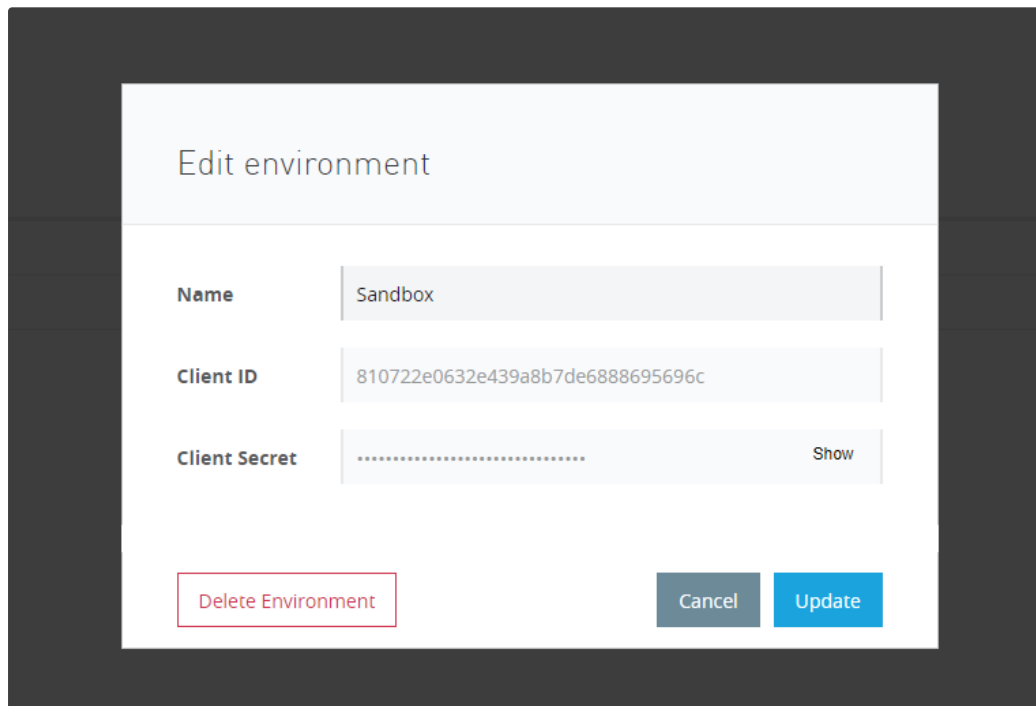
The reason is we didn't obtain the organization's credentials to control apps that are registered on our gateway

Log back in to Anypoint Platform, and navigate to Access Management → Environments





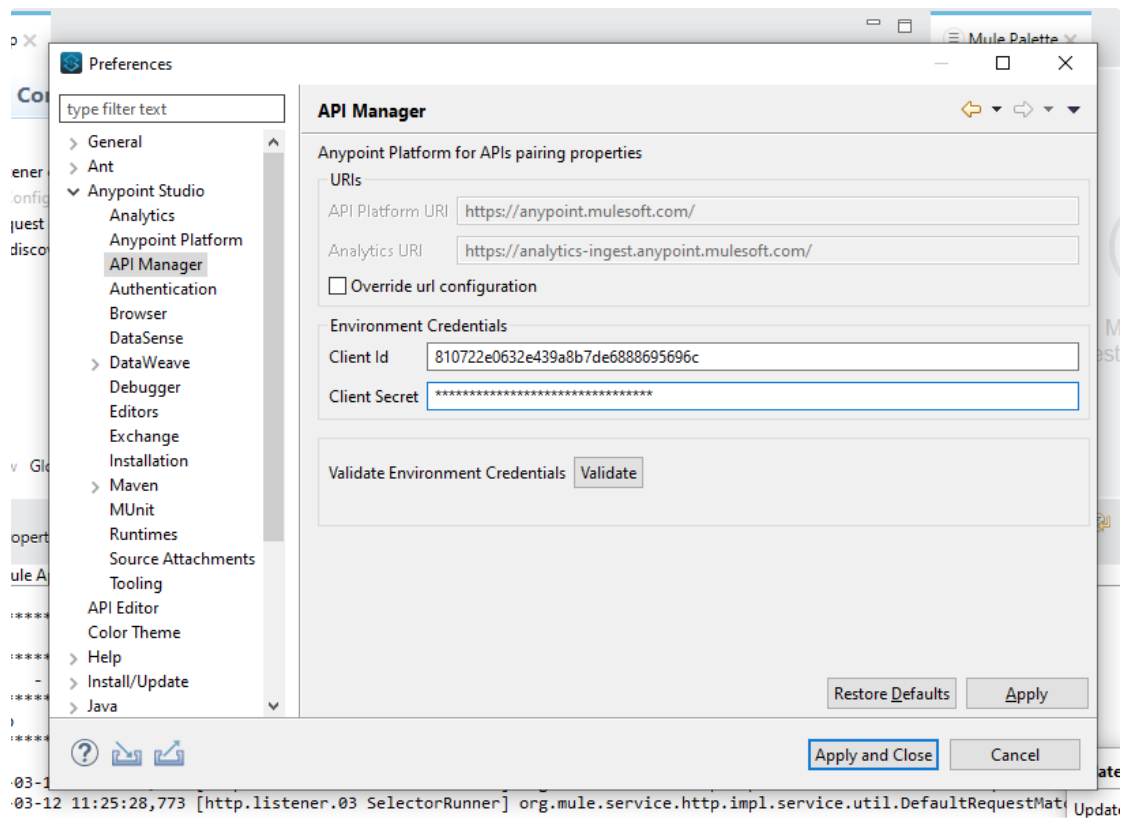
Select the Sandbox, which we created the API manager on.



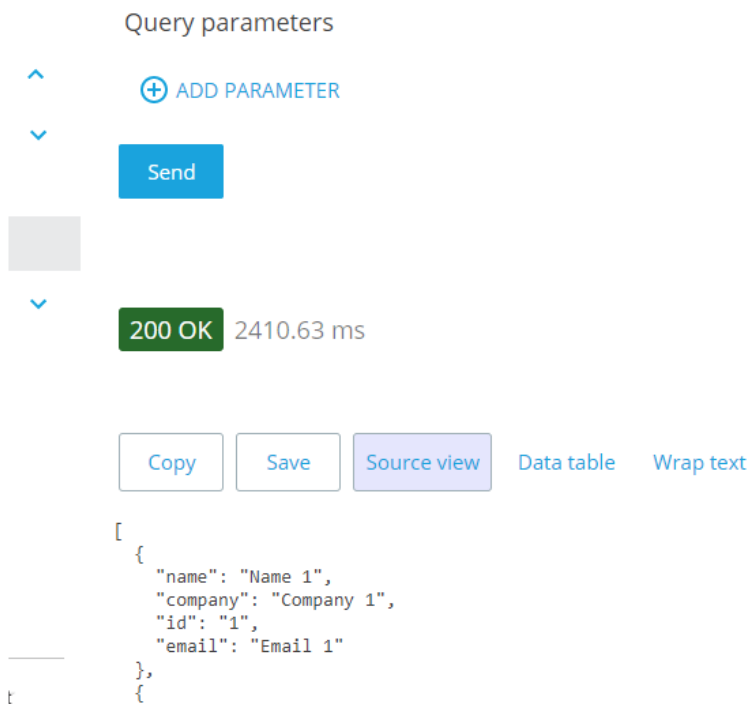
We will use the Client ID and Client Secret to register the Environment in the Anypoint Studio

Back to Anypoint Studio, go to Window → Preferences

Select API Manager item under the Anypoint Studio section, put the Client ID and Client Secret that we got before., then click Apply and Close

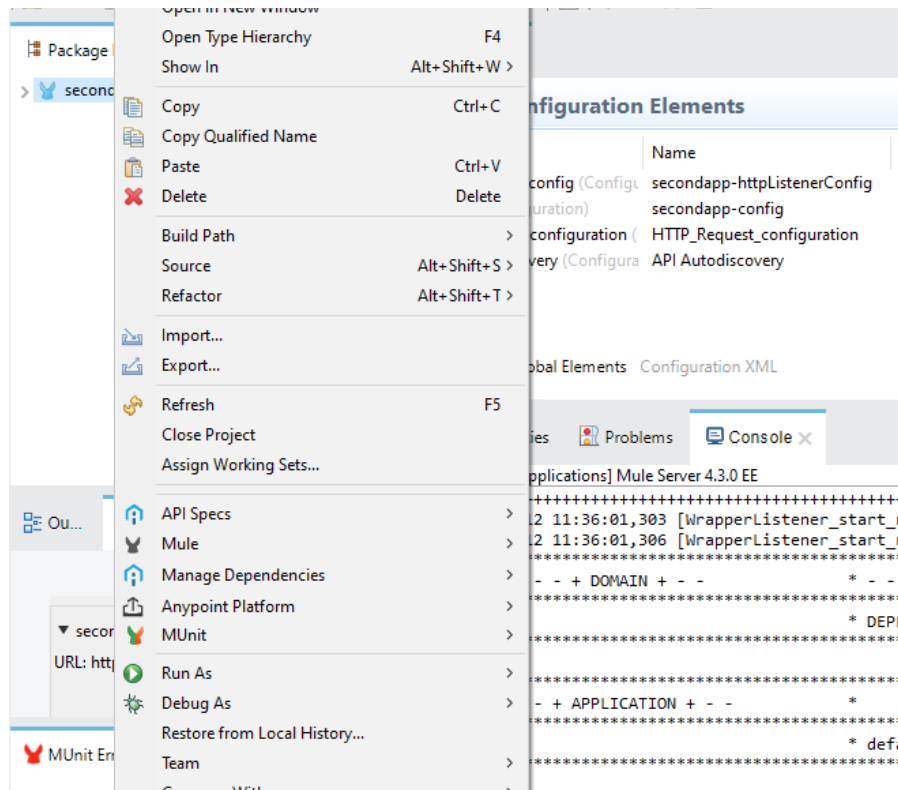


Try to run the Application again and now you can see the API works.

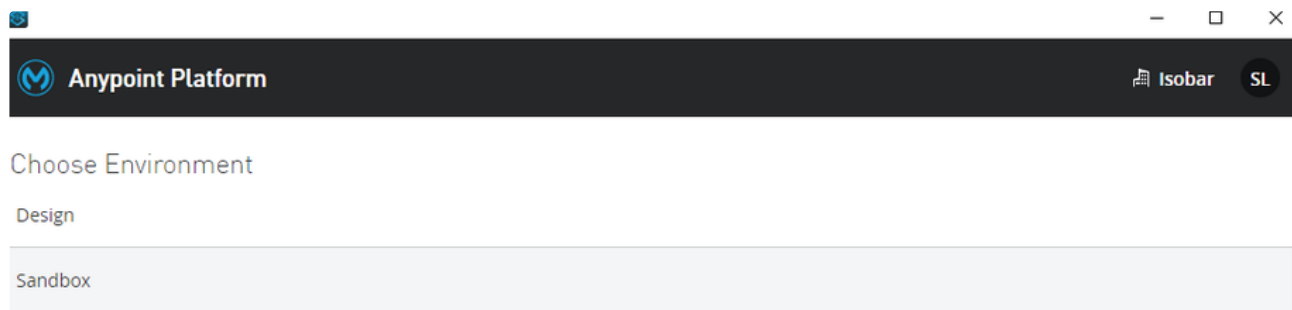


Deploy the Application to CloudHub

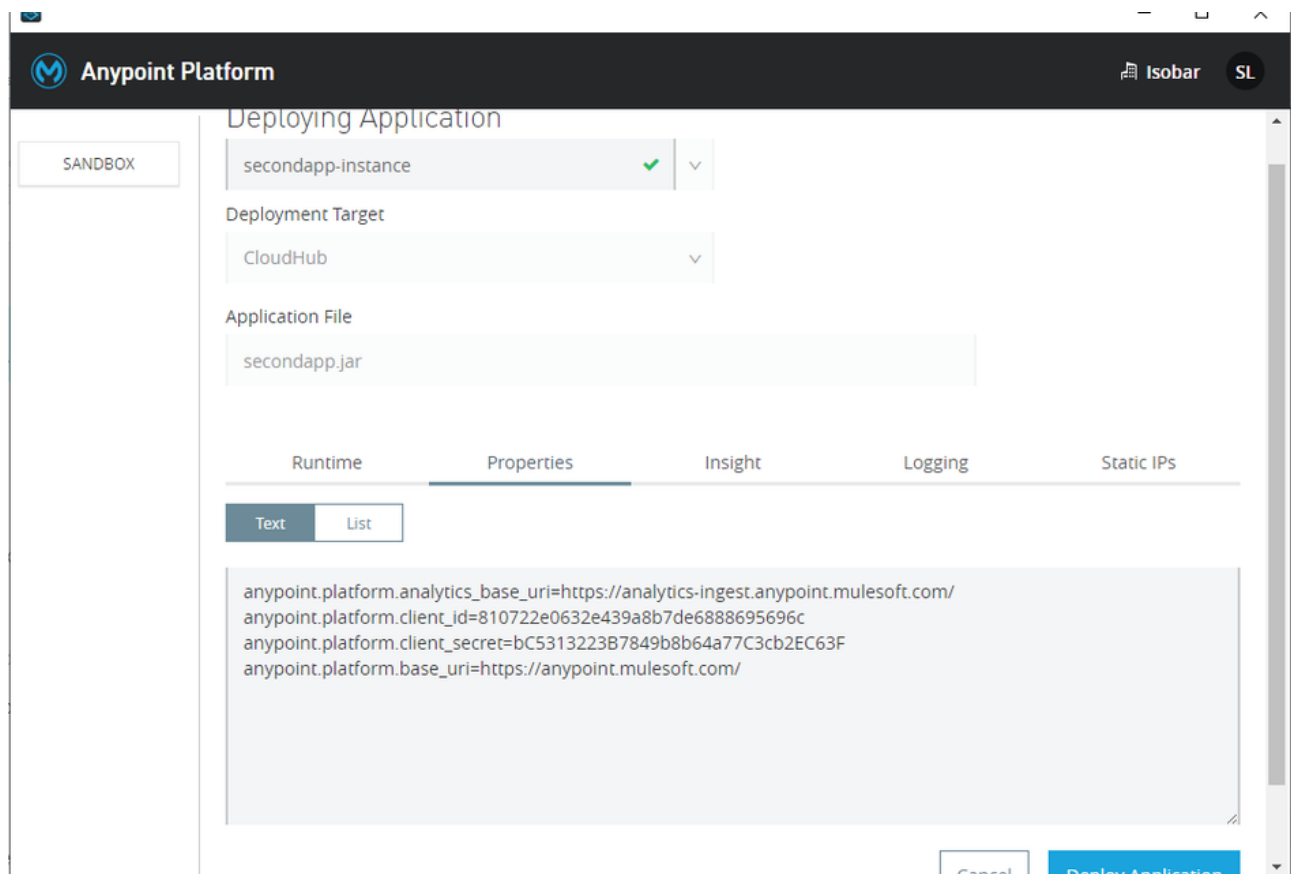
Right click on the project name, select Anypoint Platform → Deploy to CloudHub



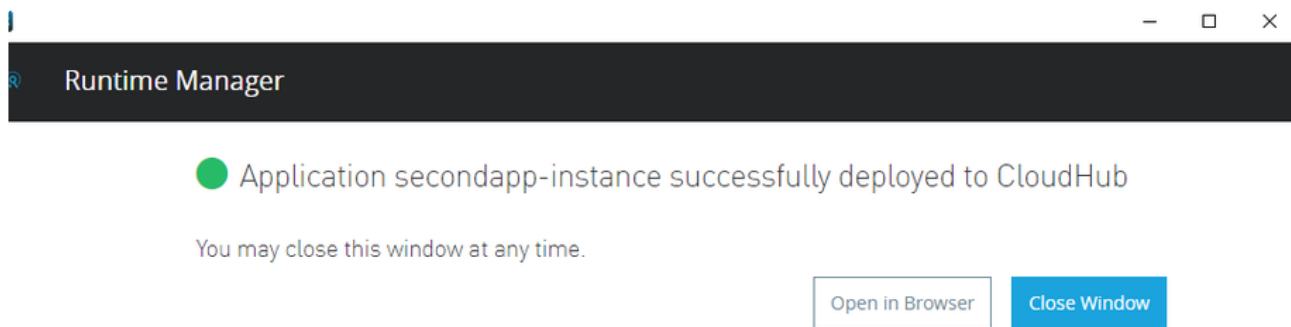
Select the Sandbox environment



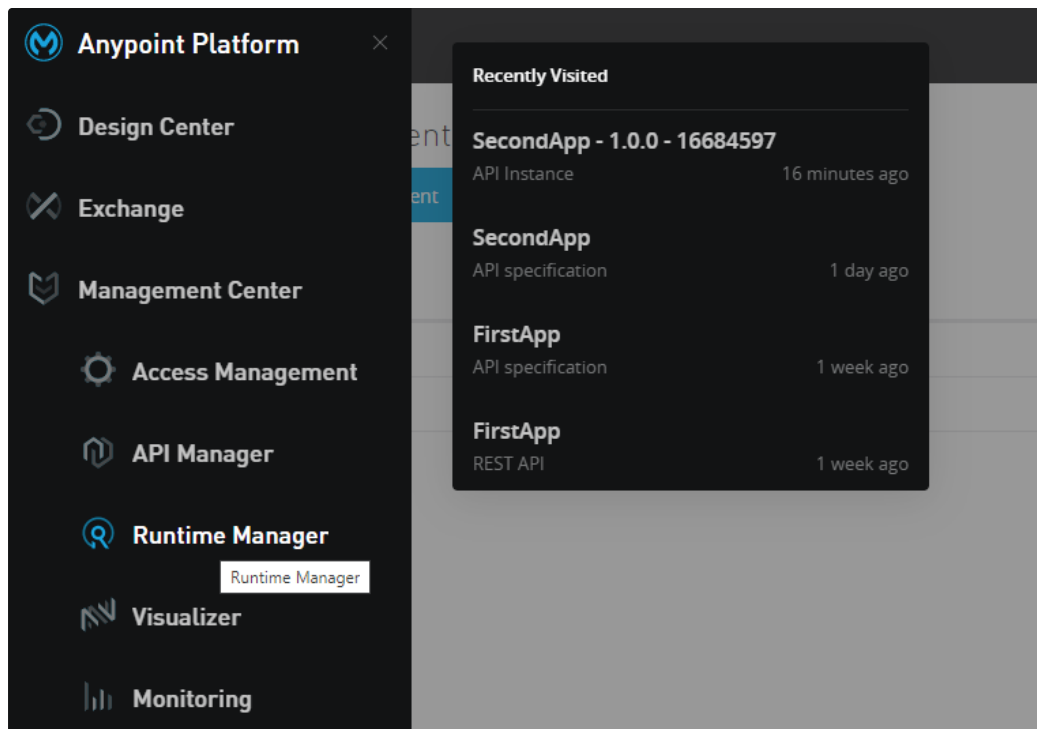
Click Deploy Application button



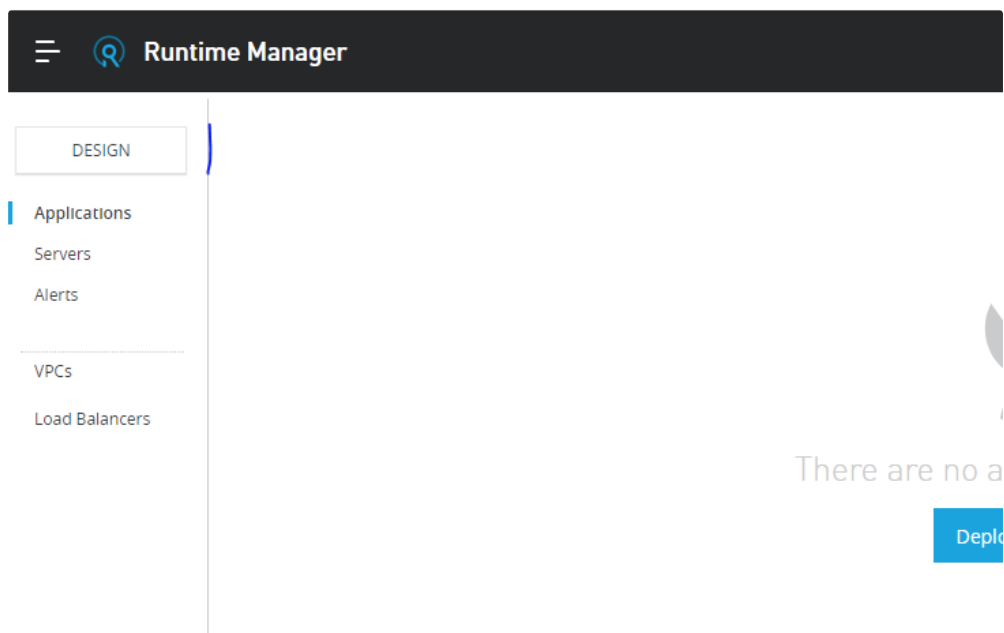
Wait until the system deploy the application successfully.



Back to Anypoint Platform, go to Runtime Manager



As you can see, currently, the Design environment is selected



Click on the Design and switch to the Sandbox environment, now you will see the application that you deployed

Runtime Manager

SANDBOX

Deploy application

Search Applications

All Applications (1)

Name ^	Server	Status	Runtime
secondapp-instance	CloudHub	Started	4.3.0

Click on the application to go to the detail, you can see the App URL

Runtime Manager

SANDBOX

← Applications

Dashboard

Insight

Logs

Object Store

Queues

Schedules

Settings

secondapp-instance

Application File

secondapp-1.0.0-SNAPSHOT-mule-appl...

Choose file

Get from sandbox

Last Updated 2021-03-12 11:43:47AM

App url: secondapp-instance.us-e2.cloudhub.io

Runtime

Properties

Insight

Runtime version

Worker size

4.3.0

0.1 vCores

To use Monitoring and Visualizer with this version, you may need to enable the agent after deploying. [Learn how](#)

☒ Automatically restart application when not responding

☐ Persistent queues

☐ Encrypt persistent queues

☒ Use Object Store v2

Open this URL by browser, you can get

No listener for endpoint: /

Now, add `/api/contacts` at the end of the URL, you can get the returned data of the API

```
[
  {
    "name": "Name 1",
    "company": "Company 1",
    "id": "1",
    "email": "Email 1"
  },
  {
    "name": "Name 2",
    "company": "Company 2",
    "id": "2",
    "email": "Email 2"
  },
  {
    "name": "Name 3",
    "company": "Company 3",
    "id": "3",
    "email": "Email 3"
  },
  {
    "name": "Name 4",
    "company": "Company 4",
    "id": "4",
    "email": "Email 4"
  },
  {
    "name": "Name 5",
    "company": "Company 5",
    "id": "5",
    "email": "Email 5"
  },
  {
    "name": "Name 6",
```

Go to API Manager, click on the API that you created before

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Administration (Sandbox)

MANDBOX

Administration

ps [New](#)

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Manage API [Promote from environment](#) 1 - 1 of 1 [All](#) [Favorites](#) [Active](#) [Environment Information](#)

API Name	Version	Status	Client Applications	Creation Date
SecondApp	1 version			
	☆ 1.0.0	● Active	0	03-12-2021 10:37

Now you can see the API status is Active

Manage Kubernetes-based non-Mule microservices with Anypoint Service Mesh. [Read the documentation](#) or [Watch the webinar](#)

Administration (Sandbox) SecondApp (1.0.0) - Settings

MANDBOX

Administration

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SecondApp 1.0.0

API Status: ● Active Asset Version: 1.0.1 [Latest](#) Type: RAML/OAS

[+ Add consumer endpoint](#)

Mule runtime version: 4.3.0

API Instance ⓘ

ID: 16684597

Autodiscovery ⓘ

API ID: 16684597

Label: [+ Add a label](#)

[Download](#)

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