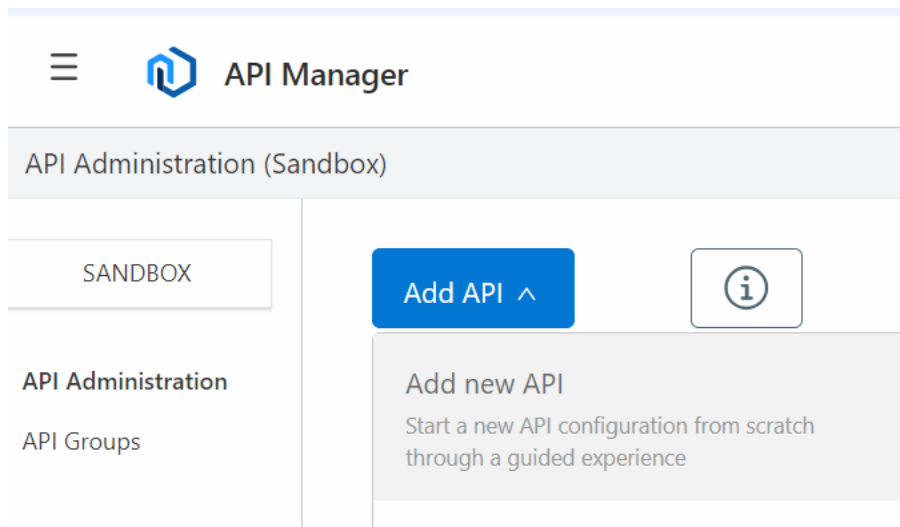


LAB- Api ManageMent

STEP1

In the top-left corner, Click on Api Manager to go to API Manager Page.

Now Click on Add API dropdown and select Add new API



In the next screen, select Mule Gateway

Select Proxy type as “Deploy a proxy application”

Select Target Type as “Hybrid”

Then select your server which on which you want to deploy proxy

Runtime

Choose the runtime where your API instance will run on.

* Required field

Select runtime

☐ Flex Gateway
Ultrafast API gateway designed to manage and secure APIs running anywhere.

☒ Mule Gateway
API gateway embedded in Mule runtime. Connect directly to an existing Mule app or deploy a new proxy app.

☐ Service Mesh
Manage Kubernetes-based non-Mule mi

Proxy type *

☐ Connect to existing application (basic endpoint)
Connect your API to a Mule application using Autodiscovery.

☒ Deploy a proxy application
Select a deployment target and deploy a new Mule application to serve as a proxy.

Target type *

☐ CloudHub 2.0 **RECOMMENDED**
Mule runtime hosted by MuleSoft in container-based cloud infrastructure

☐ CloudHub
Mule runtime hosted on the cloud by MuleSoft

☒ Hybrid
Mule runtime running on an on-premises server

Select server

Search servers:

Name	Status	Type	Version
<input type="radio"/> sivaserver	● running	Server	4.4.0

Click Next

Select the API which you published to Exchange and click next

In Down Stream setting page, configure the port as 8082 (as our original application will be using 8081) and let base path be /

Click Next

In the upstream configuration give Upstream URL as <http://localhost:8081/api>

Click next

Review configuration and click save and deploy.

Wait for a minute

Your application will be deployed on the Mule server

Give a request to proxy at the following URL : <http://localhost:8082/restaurants/100>
(Make sure that your original API implementation is running.)

You should see the restaurants.

Proxy is internally making call to the original API and giving response.

Now we are ready to configure policies in API Manager.

Click on Policies Link on left side and then click on “AddPolicy” button

Select “Basic Authentication- Simple ”

In the next page, give Some username and password and apply.

Wait for 2 minutes and give a request to <http://localhost:8082/customers/100>
using POST MAN

You should get 401 status code in response

Now pass username/password using basic authentication

You should be able to access the API

This is the end of the Exercise