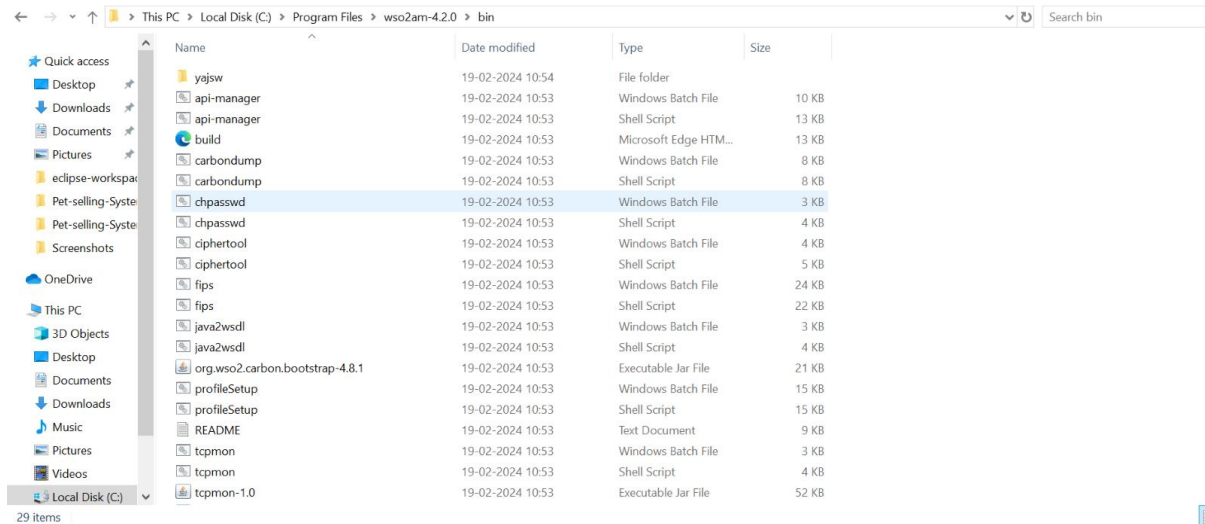


WSO2-Demo

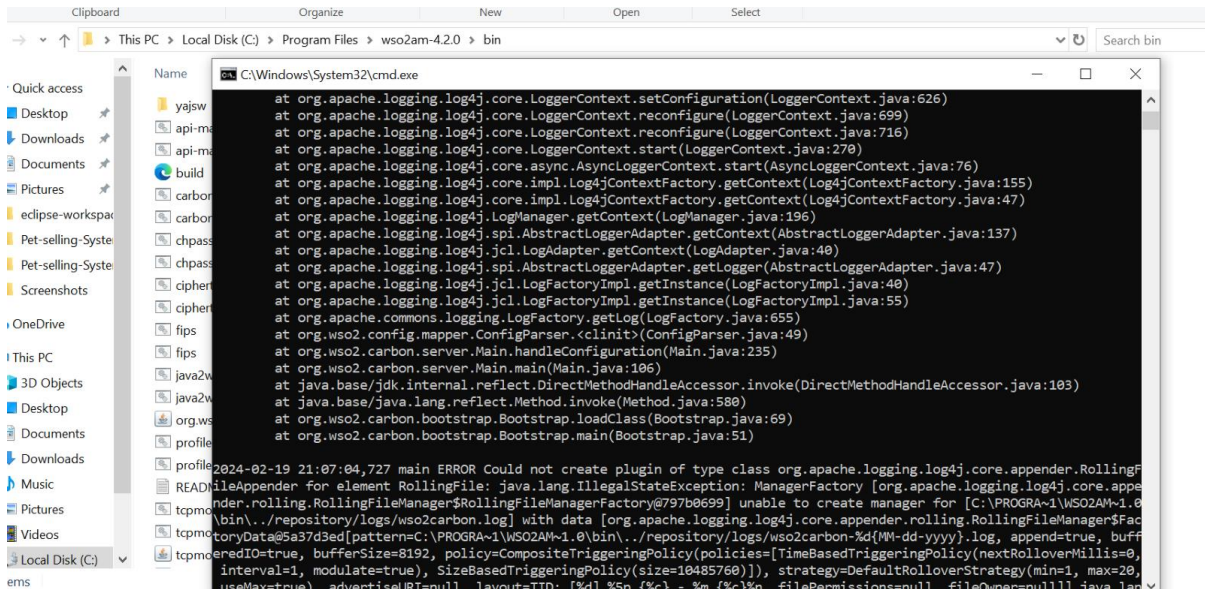
Bharani kumar B

ACE11691

1.Open wso2 file location >select bin



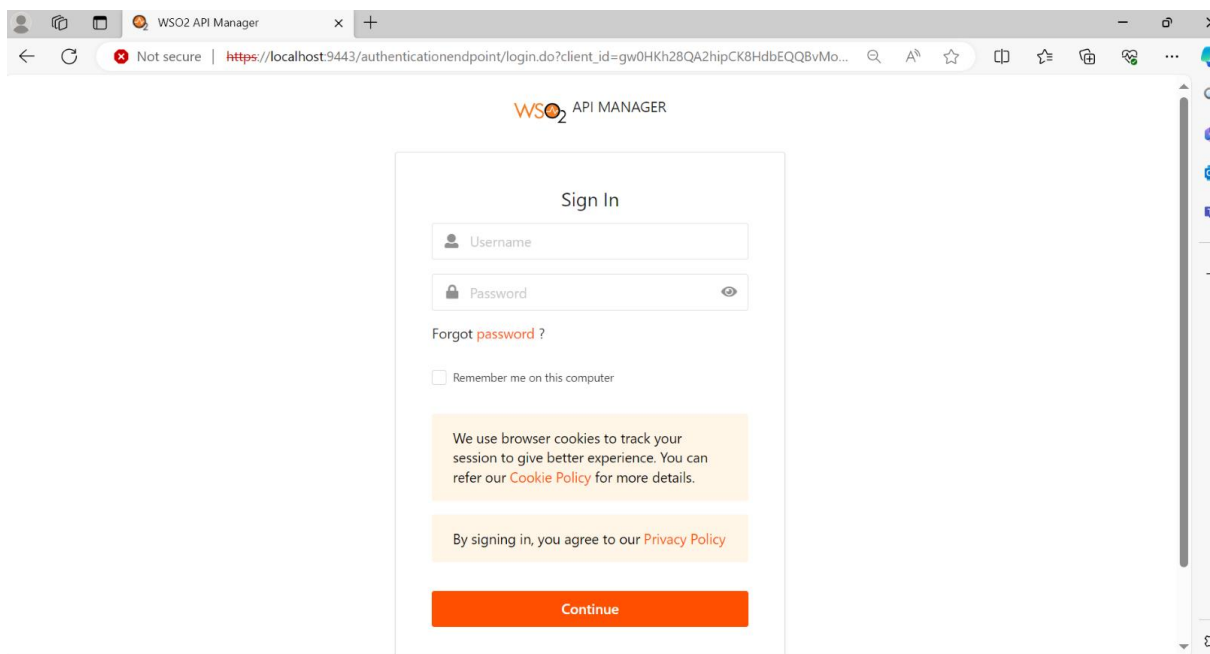
2.Open cmd and type cmd > api-manager.bat --run



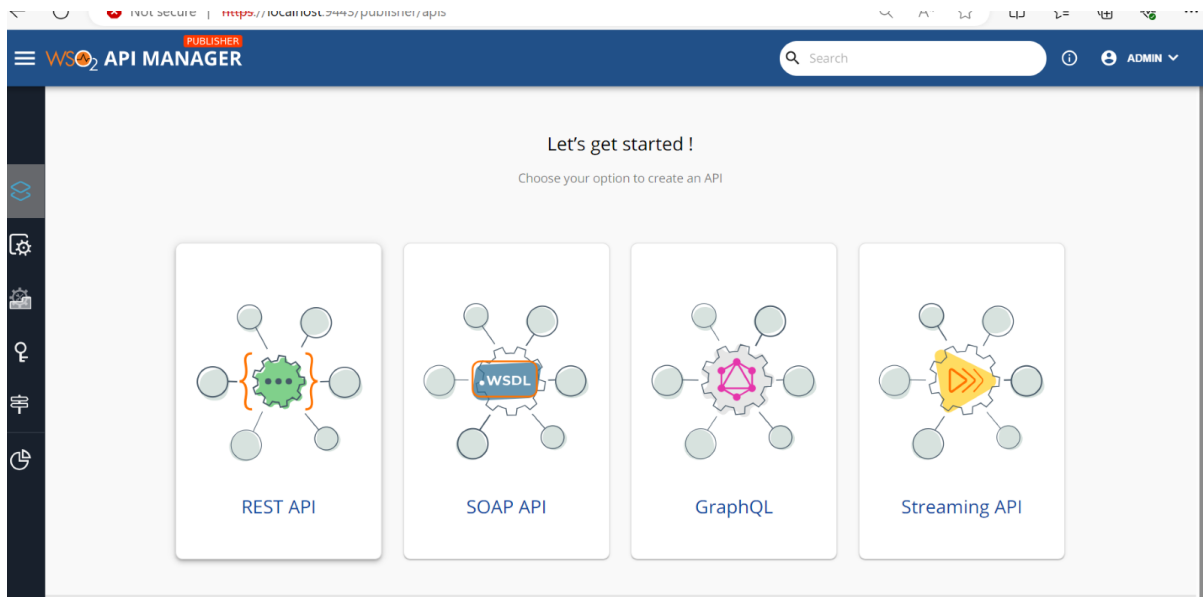
```
C:\Windows\System32\cmd.exe - api-manager.bat --run
Microsoft Windows [Version 10.0.19045.4046]
(c) Microsoft Corporation. All rights reserved.

C:\Users\bharani.bala\Downloads\wso2am-4.2.0\wso2am-4.2.0\bin>api-manager.bat --run
Starting WSO2 Carbon (in unsupported JDK)
[ERROR] CARBON is supported only between JDK 11 and JDK 17
JAVA_HOME environment variable is set to C:\Program Files\Java\jdk-21
CARBON_HOME environment variable is set to C:\Users\BHARAN~1.BAL\DOWNLO~1\WSO2AM~1.0\WSO2AM~1.0\bin\..
[2024-02-20 08:59:58,362] INFO {org.wso2.config.mapper.ConfigParser} - Configurations Changed in :repository\resources\
security\listenerprofiles.xml
[2024-02-20 08:59:58,362] INFO {org.wso2.config.mapper.ConfigParser} - Configurations Changed in :repository\resources\
security\sslprofiles.xml
[2024-02-20 08:59:58,362] INFO {org.wso2.config.mapper.ConfigParser} - Overriding files in configuration directory C:\U
sers\BHARAN~1.BAL\DOWNLO~1\WSO2AM~1.0\WSO2AM~1.0\bin\..
[2024-02-20 09:00:06,099] INFO - CarbonCoreActivator Starting WSO2 Carbon...
[2024-02-20 09:00:06,099] INFO - CarbonCoreActivator Operating System : Windows 10 10.0, amd64
[2024-02-20 09:00:06,099] INFO - CarbonCoreActivator Java Home : C:\Program Files\Java\jdk-21
[2024-02-20 09:00:06,099] INFO - CarbonCoreActivator Java Version : 21.0.2
[2024-02-20 09:00:06,099] INFO - CarbonCoreActivator Java VM : Java HotSpot(TM) 64-Bit Server VM 21.0.2+13-LTS
-58,Oracle Corporation
[2024-02-20 09:00:06,099] INFO - CarbonCoreActivator Carbon Home : C:\Users\BHARAN~1.BAL\DOWNLO~1\WSO2AM~1.0\WSO2A
M~1.0\bin\..
[2024-02-20 09:00:06,099] INFO - CarbonCoreActivator Java Temp Dir : C:\Users\BHARAN~1.BAL\DOWNLO~1\WSO2AM~1.0\WSO2A
M~1.0\bin\..\tmp
[2024-02-20 09:00:06,099] INFO - CarbonCoreActivator User : bharani.bala, en-IN, Asia/Calcutta
[2024-02-20 09:00:06,406] INFO - DefaultCryptoProviderComponent 'CryptoService.Secret' property has not been set. 'org.
wso2.carbon.crypto.provider.SymmetricKeyInternalCryptoProvider' won't be registered as an internal crypto provider. Plea
se set the secret if the provider needs to be registered.
[2024-02-20 09:00:06,715] INFO - KafkaEventAdapterServiceDS Successfully deployed the Kafka output event adaptor servic
e
[2024-02-20 09:00:06,871] INFO - TemplateDeployerServiceTrackerDS Successfully deployed the execution manager tracker s
ervice
[2024-02-20 09:00:08,581] INFO - ServiceComponent Eventing Hub ServiceComponent is activated
[2024-02-20 09:00:09,205] WARN - Digester Match [Server/Service/Engine/Host/Valve] failed to set property [maxDays] to
```

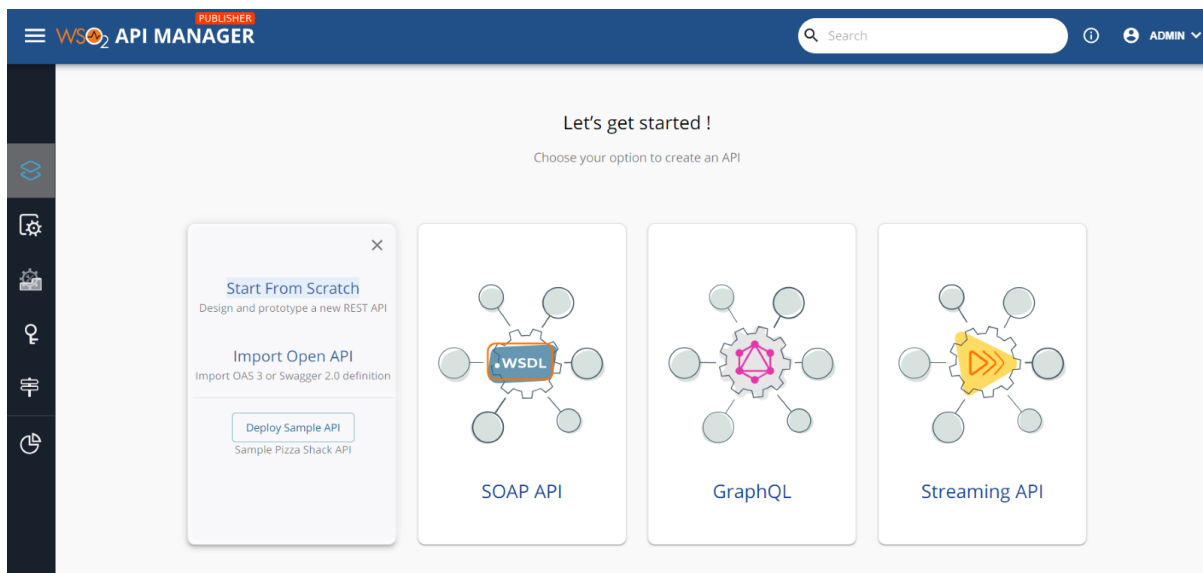
3. <https://localhost:9443/publisher> >type this local host link in browser>Enter username as (Admin)
>password as (admin) > **continue**



4.Continue after >this below window will be opened after that click REST API



5. Click start from scratch



6. Create an API > Name>context>put endpoint address>create

WSO2 API MANAGER PUBLISHER Search ADMIN

Create an API

Create an API by providing a Name, a Version, a Context and Backend Endpoint (optional)

Name*

DemotestAPI

Context*

/albums

Version*

1.0.0

API will be exposed in /albums/1.0.0 context at the gateway

Endpoint

https://jsonplaceholder.typicode.com/

*Mandatory fields

Create Create & Publish Cancel

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7.Now develop part is successfully

WSO2 API MANAGER PUBLISHER Search ADMIN

De

DemotestAPI :1.0.0

CREATED

State

Current API

Go To

Create New Version

Download API

Delete

Overview

Last updated: a few seconds ago

Develop

Deploy

Test

Publish

Endpoint

Business Plan

Context:

Description

Provider

Context:

Version

Type:

Created Time

Last Updated Time

-

Admin

/albums

1.0.0

HTTP

A few seconds ago

A few seconds ago

Configuration

Transports

API Security

Access Control

Workflow Status

Visibility on Developer Portal

HTTP, HTTPS

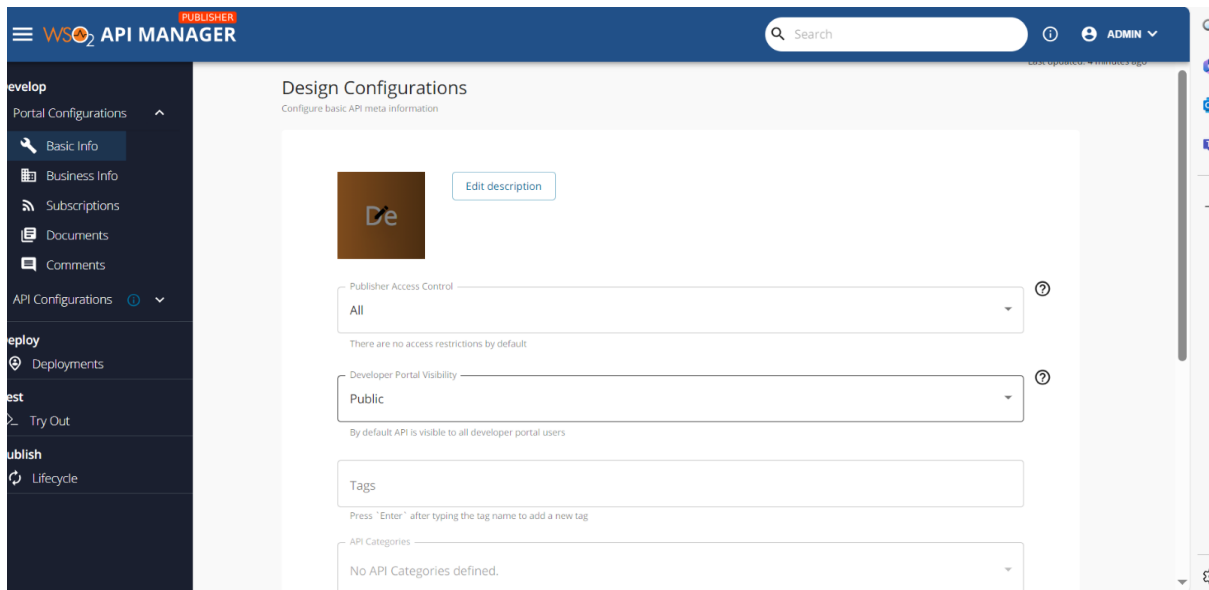
OAuth2

None

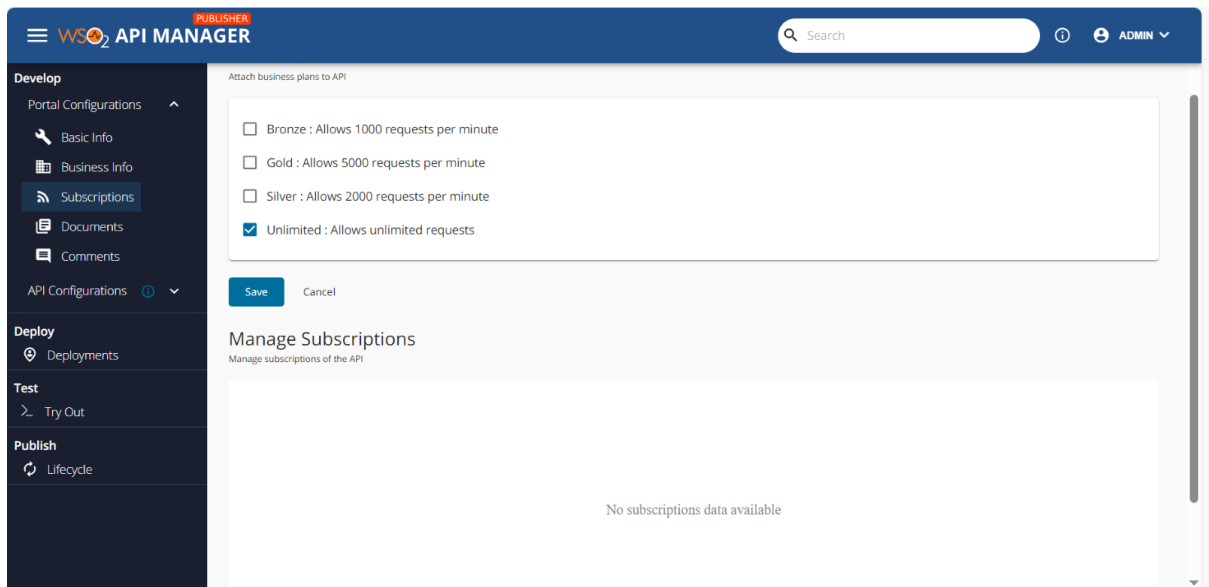
-

Public

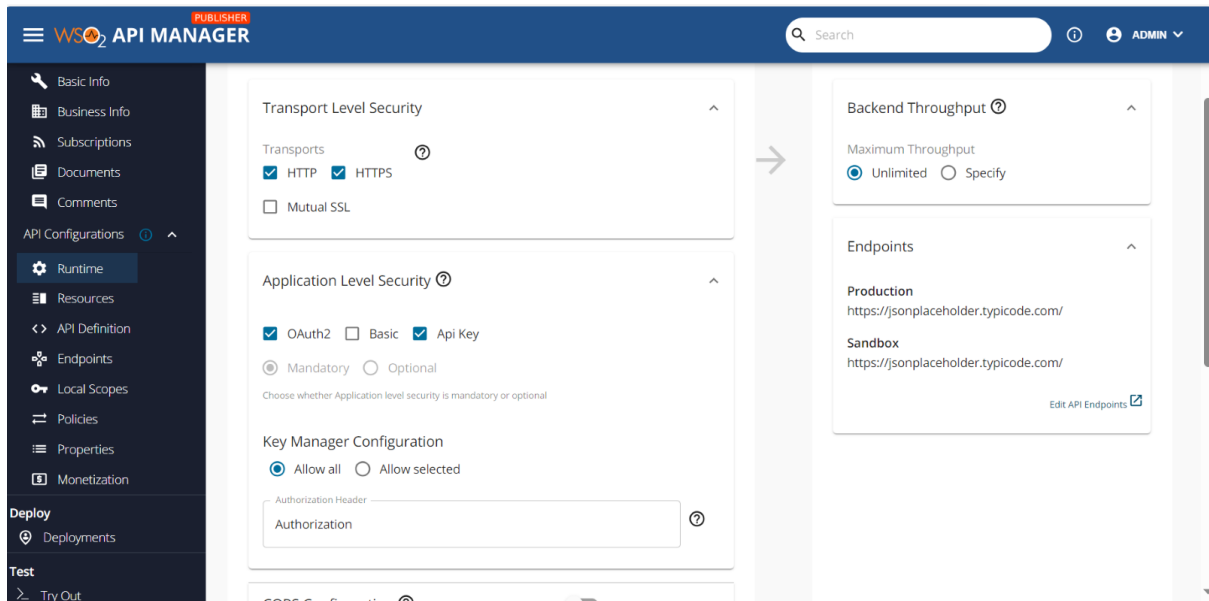
8.Select >Basic info>don't change anything>save



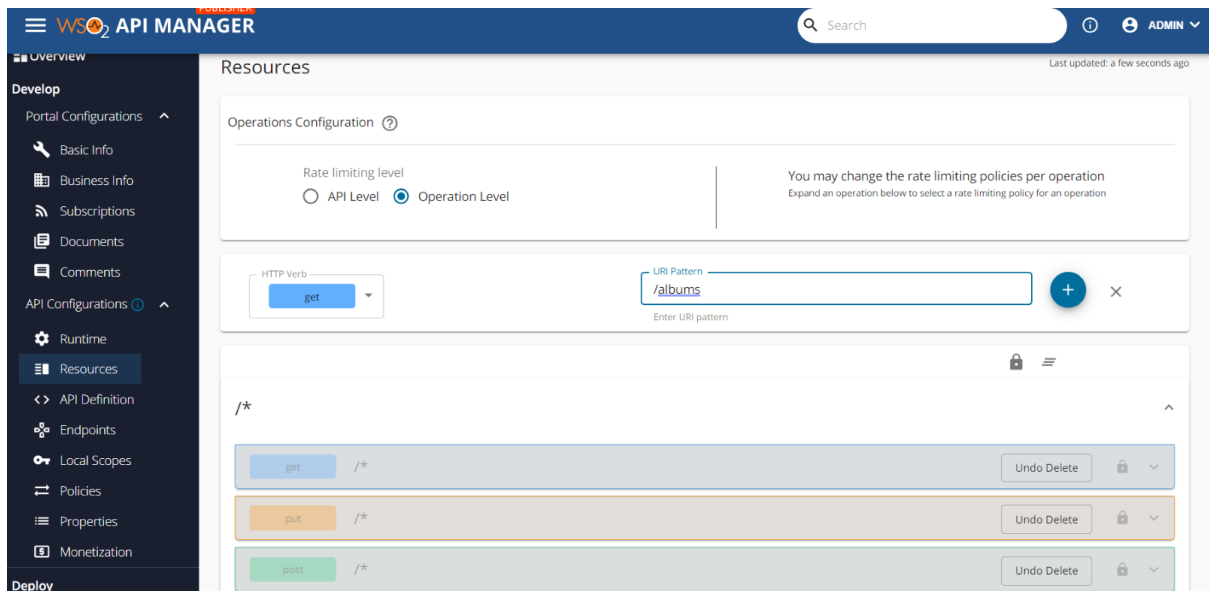
9.go to subscription >no need to change default one>save



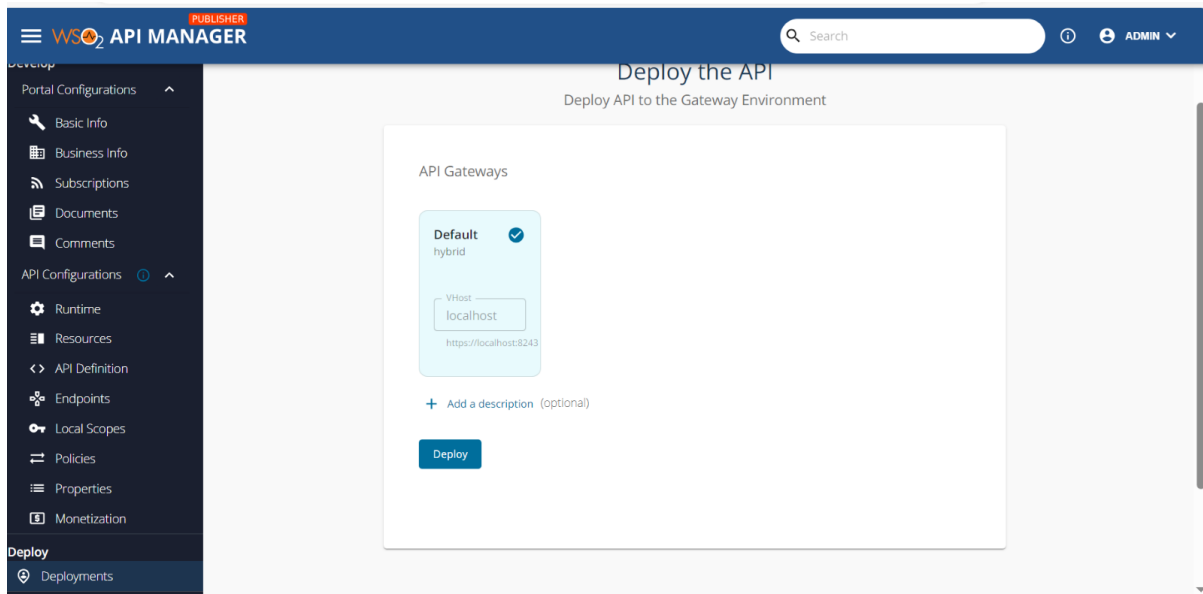
10.Select runtime>selct api key>save



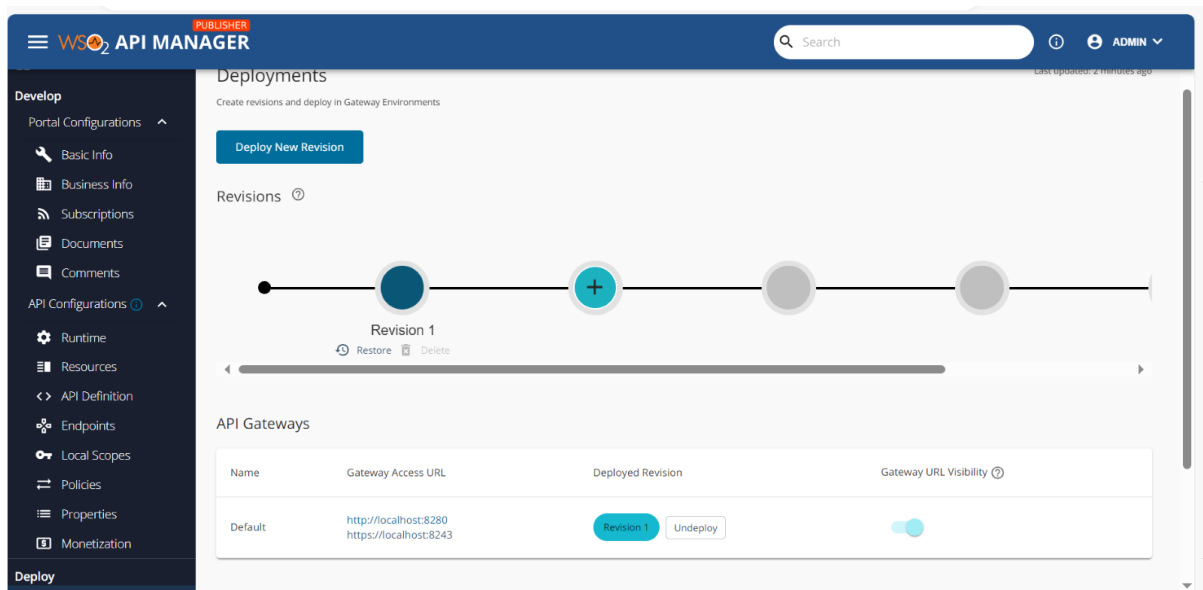
11. Select > Resources > change HTTP verb (get method) > select > url pattern > save



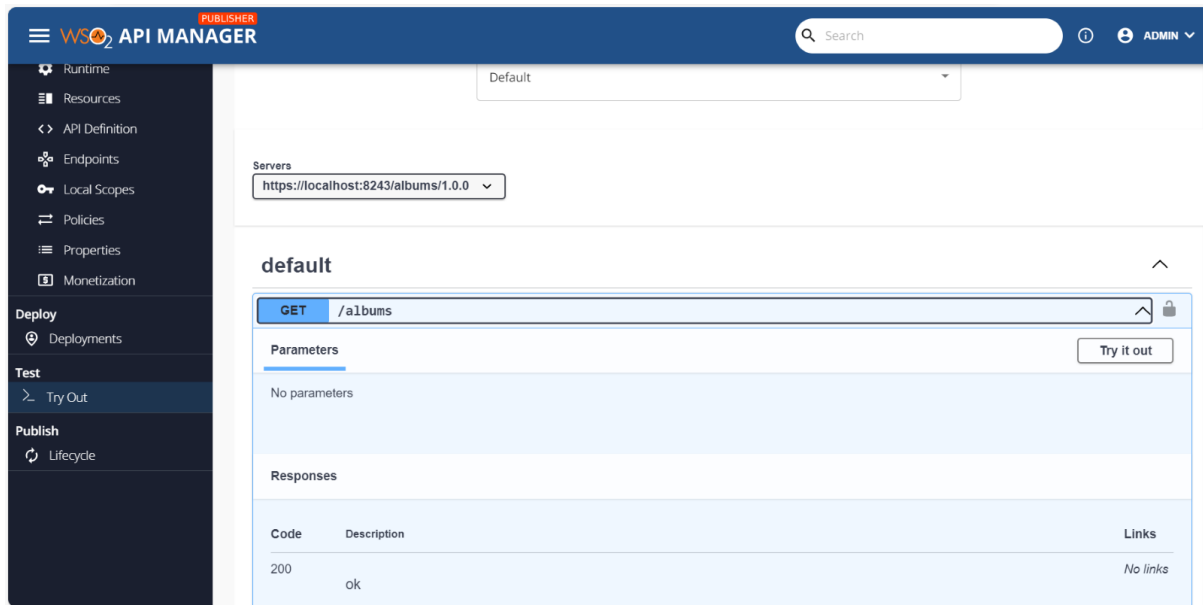
12. Go to deployments > select deploy



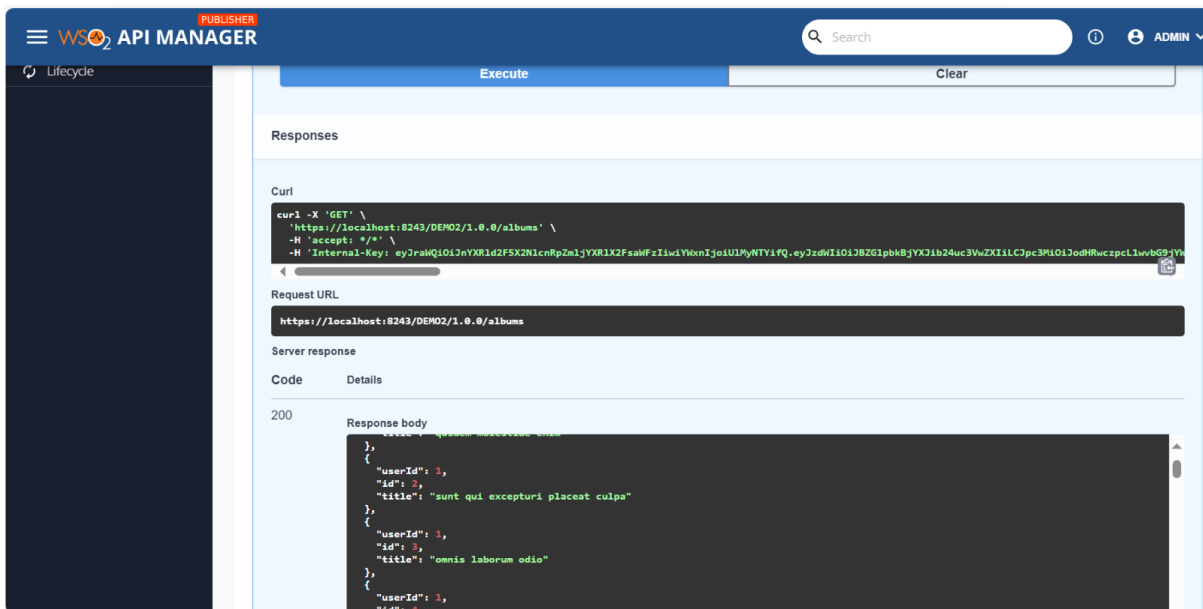
13. After deploy > this window is opened



14. Select tryout>default>try it out>click execute



15.Its executes the Get method



16.Select overview>publish>click (view in devportal)

WSO2 API MANAGER PUBLISHER

DemotestAPI :1.0.0 PUBLISHED State

Current API

Go To View in Dev Portal Create New Version Download API Delete

Overview

Develop

Portal Configurations

API Configurations

Runtime

Resources

API Definition

Endpoints

Local Scopes

Policies

Properties

Monetization

Deploy

Deployments

Test

Overview

Last updated: a few seconds ago

Develop

Endpoint

Business Plan

Deploy

Test

Published (Current API)

View in devportal

Context:

Description

Provider

Context

Version

Type

Created Time

Last Updated Time

Configuration

Transports

API Security

Access Control

Workflow Status

Visibility on Developer Portal

17.Go to >Devportal>create subscription

WSO2 API MANAGER DEVELOPER PORTAL

APIs Applications

All Search APIs

ADMIN

Overview

Subscriptions

Try Out

Comments

Documents

SDKs

Subscriptions

DemotestAPI Subscriptions

An application is primarily used to decouple the consumer from the APIs. It allows you to generate and use a single key for multiple APIs and subscribe multiple times to a single API with different SLA levels.

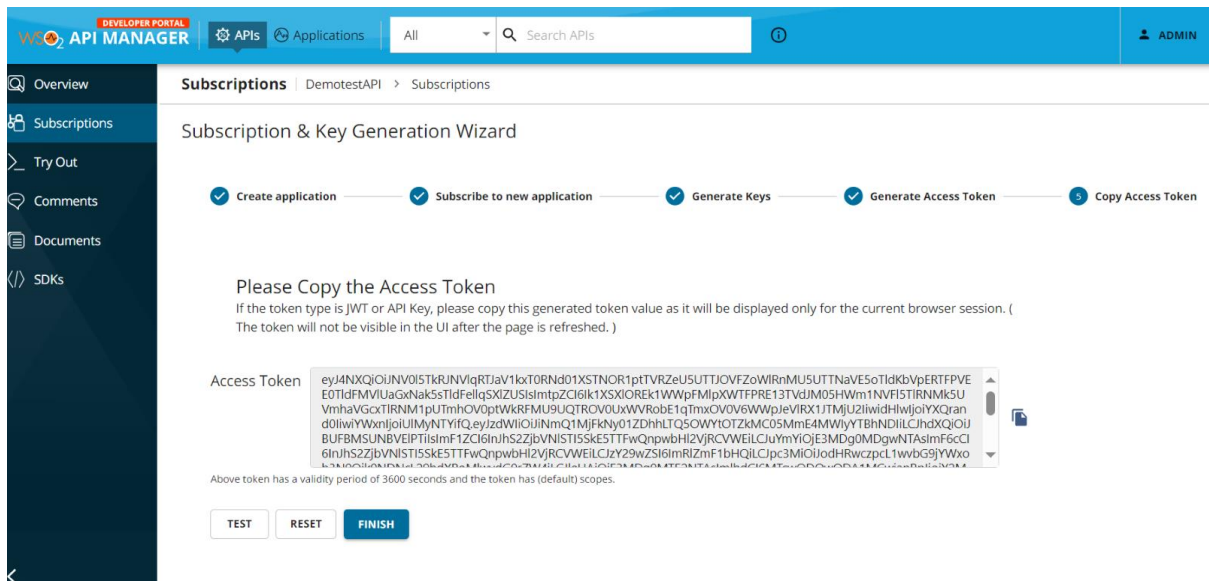
Subscribe

You need to subscribe to an application to access this API

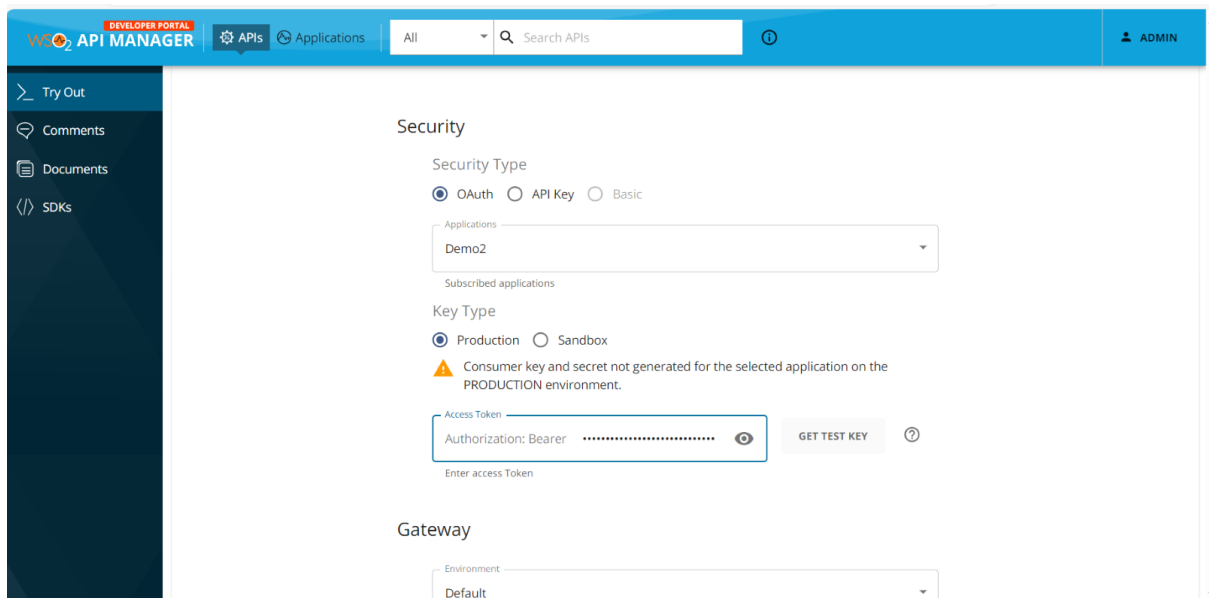
SUBSCRIBE

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18.select finish



19.Add subscribed >Demo2



20.open post man >select >getdata>paste local host url from devportal>copy barrier token from devportal>past it in postman authorization>send>after that output is shown in postman.

My Workspace

NewImport

OverviewGetting startedGET Get dataREST API basics: C+No Environment

REST API basics: CRUD, test & variable / Get data

Save

GEThttps://localhost:8243/DEMO2/1.0.0/albumsSend

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettingsCookies

TypeBearer ...

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. Learn more about variables.

The authorization header will be automatically generated when you send the request. Learn more about [Bearer Token](#) authorization.

TokeneyJ4NXQiOiJNV0I5TkRjNVliRTJhV1kxTORh...

BodyCookiesHeaders (29)Test Results (1/1)

200 OK89 ms10.47 KBSave as example

PrettyRawPreviewVisualizeJSON

1[2{"3 "userId": 1,4 "id": 1,5 "title": "quidem molestiae enim"6 },7 {8 "userId": 1,

OnlineFind and replaceConsolePostbotRunnerStart ProxyCookiesTrashAPI Network

HomeWorkspacesAPI NetworkSearch PostmanInviteUpgrade

My Workspace

NewImport

OverviewGetting startedGET Get dataREST API basics: C+No Environment

REST API basics: CRUD, test & variable / Get data

Save

GEThttps://localhost:8243/DEMO2/1.0.0/postsSend

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettingsCookies

TypeBearer ...

Heads up! These parameters hold sensitive data. To keep this data secure while working in a collaborative environment, we recommend using variables. Learn more about variables.

The authorization header will be automatically generated when you send the request. Learn more about [Bearer Token](#) authorization.

TokeneyJ4NXQiOiJNV0I5TkRjNVliRTJhV1kxTORh...

BodyCookiesHeaders (29)Test Results (1/1)

200 OK359 ms28.24 KBSave as example

PrettyRawPreviewVisualizeJSON

1[2{"3 "userId": 1,4 "id": 1,5 "title": "sunt aut facere repellat provident occaecati excepturi optio reprehenderit",6 "body": "quia et suscipit\nsuscipit recusandae consequuntur expedita et cum\nreprehenderit molestiae ut ut quas totam\nnostrum rerum est autem sunt rem eveniet architecto"7 },

OnlineFind and replaceConsolePostbotRunnerStart ProxyCookiesTrashAPI Network