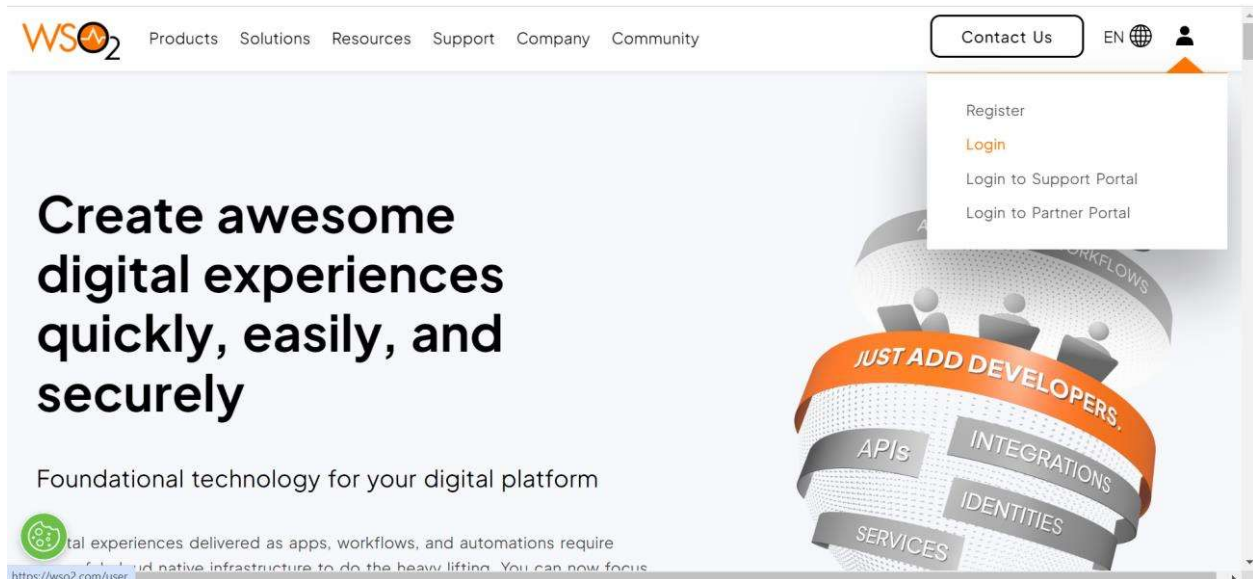


WSO2

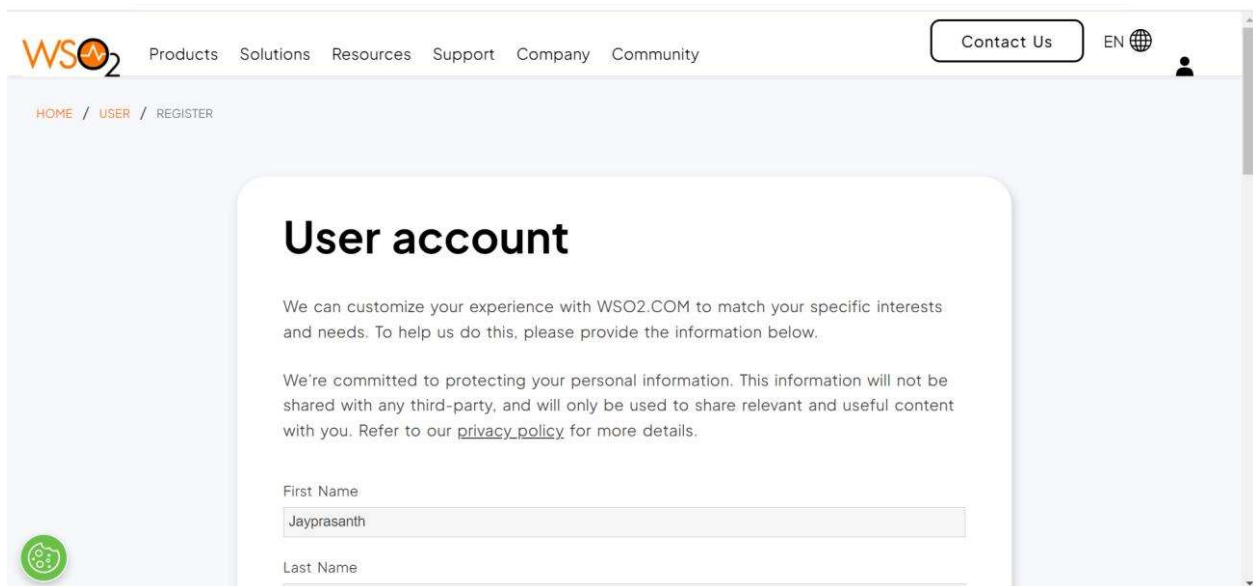
Name: Jayprasanth S

ACE ID: ACE11697

1. Create an account in WSO2



2. Give required option



3. Click register

WSO₂

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Contact UsEN

Country

India

State

TamilNadu

☒ Yes, I would like to receive emails from WSO2 to stay up to date on new releases and updates.

☒ I agree to the terms and conditions of the [Privacy Policy](#).

I'm not a robot

reCAPTCHA

Privacy - Terms

Register

4.

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User account

We can customize your experience with WSO2.COM to match your specific interests and needs. To help us do this, please provide the information below.

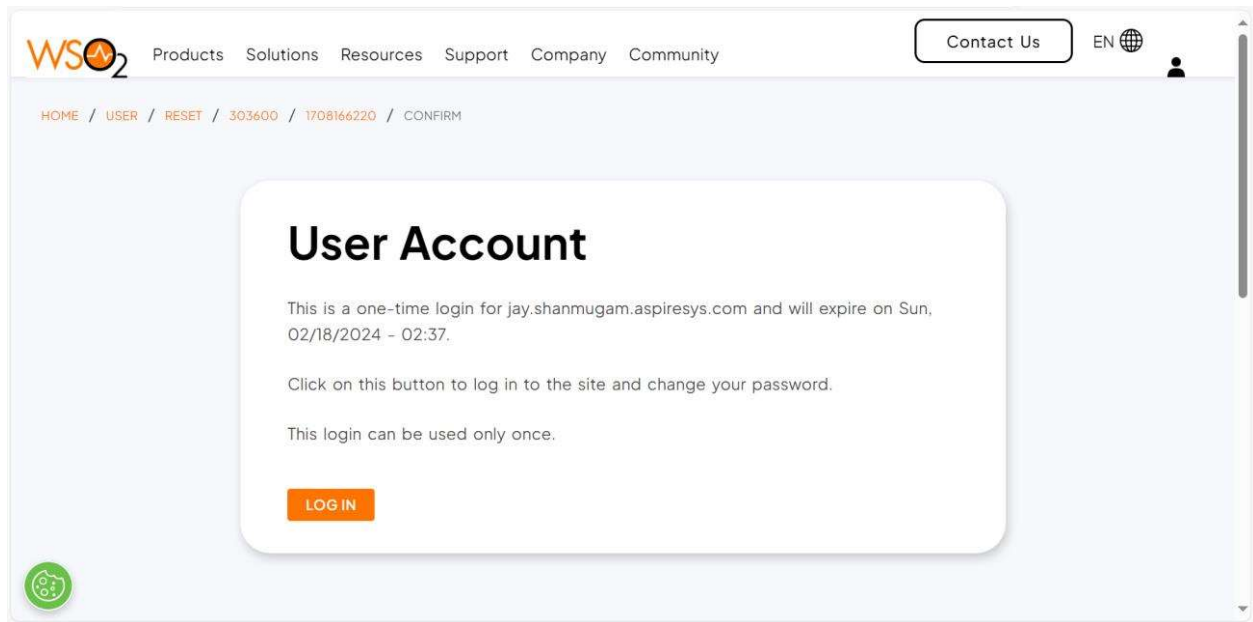
We're committed to protecting your personal information. This information will not be shared with any third-party, and will only be used to share relevant and useful content with you. Refer to our [privacy policy](#) for more details.

Your registration was successful. We've sent the login details to the email address you've provided.

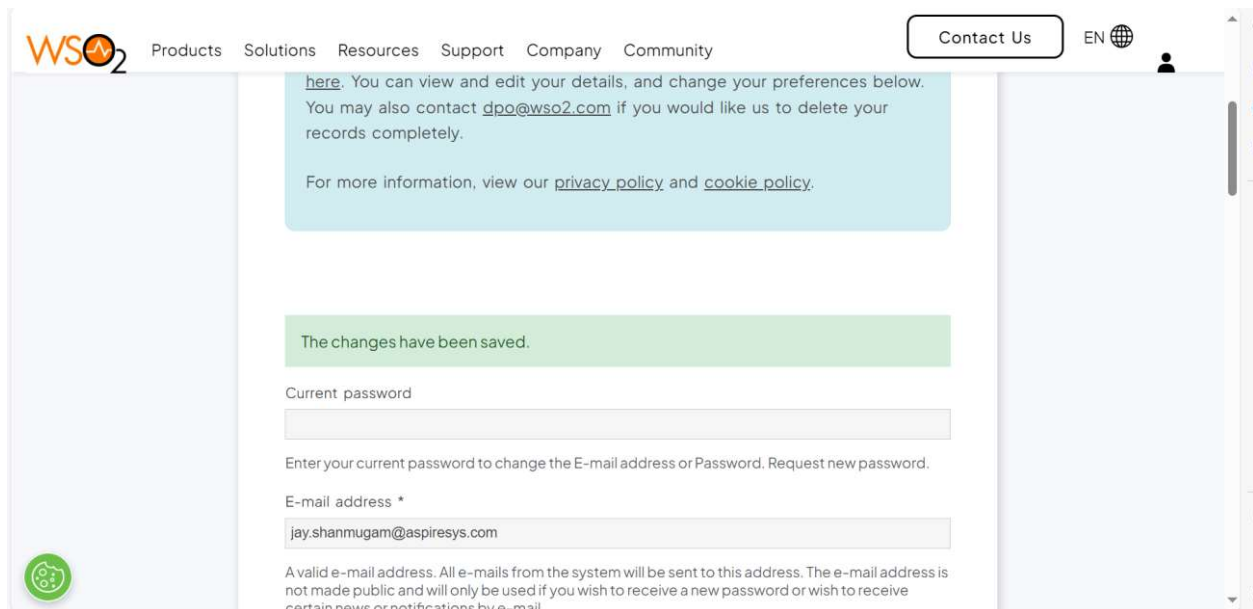
If you're unable to find the login information email in your main inbox, please check your spam folder.

First Name

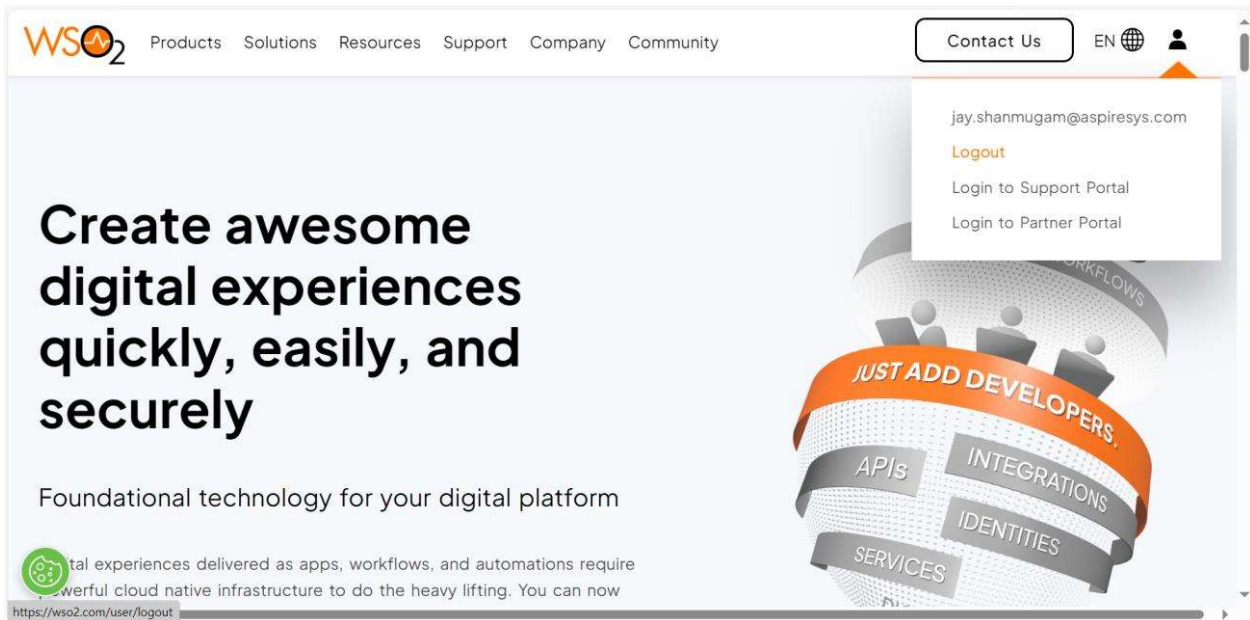
5.



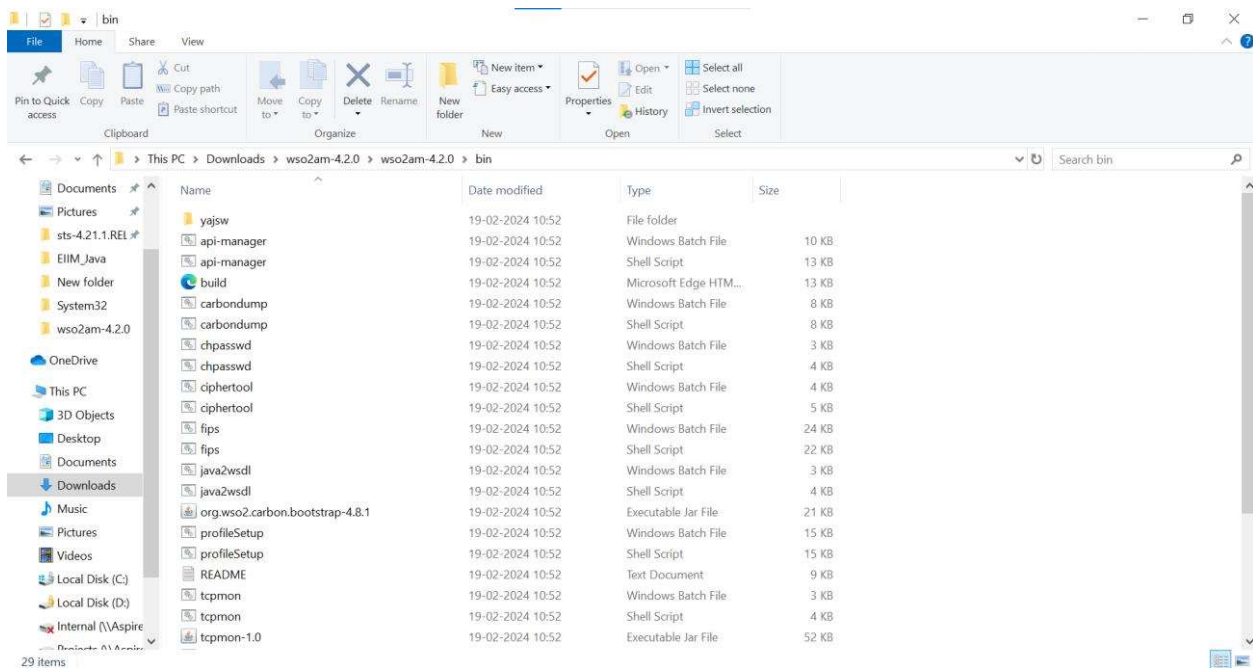
6.



7.



8. Go to downloaded WSO2 and select bin folder



9. After running with cmd command Api-manager.bat --run


```

C:\Windows\System32\cmd.exe - api-manager.bat --run
Microsoft Windows [Version 10.0.19045.3930]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Jay.shanmugam\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\JAY~1.SHA\DOWNLO~1\WSO2AM~1.0\WSO2AM~1.0\bin\..
[2024-02-20 10:00:49,643] INFO {org.wso2.config.mapper.ConfigParser} - Configurations Changed in :repository\resources\security\listenerprofiles.xml
[2024-02-20 10:00:49,643] INFO {org.wso2.config.mapper.ConfigParser} - Configurations Changed in :repository\resources\security\sslprofiles.xml
[2024-02-20 10:00:49,643] INFO {org.wso2.config.mapper.ConfigParser} - Overriding files in configuration directory C:\Users\JAY~1.SHA\DOWNLO~1\WSO2AM~1.0\WSO2AM~1.0\bin\..

[2024-02-20 10:00:58,937] INFO - CarbonCoreActivator Starting WSO2 Carbon...
[2024-02-20 10:00:58,938] INFO - CarbonCoreActivator Operating System : Windows 10 10.0, amd64
[2024-02-20 10:00:58,938] INFO - CarbonCoreActivator Java Home : C:\Program Files\Java\jdk-21
[2024-02-20 10:00:58,938] INFO - CarbonCoreActivator Java Version : 21.0.2
[2024-02-20 10:00:58,938] INFO - CarbonCoreActivator Java VM : Java HotSpot(TM) 64-Bit Server VM 21.0.2+13-LTS-58,Oracle Corporation
[2024-02-20 10:00:58,938] INFO - CarbonCoreActivator Carbon Home : C:\Users\JAY~1.SHA\DOWNLO~1\WSO2AM~1.0\WSO2AM~1.0\bin\..
[2024-02-20 10:00:58,938] INFO - CarbonCoreActivator Java Temp Dir : C:\Users\JAY~1.SHA\DOWNLO~1\WSO2AM~1.0\WSO2AM~1.0\bin\..\tmp
[2024-02-20 10:00:58,938] INFO - CarbonCoreActivator User : jay.shanmugam, en-IN, Asia/Calcutta
[2024-02-20 10:00:59,288] INFO - DefaultCryptoProviderComponent 'CryptoService.Secret' property has not been set. 'org.wso2.carbon.crypto.provider.SymmetricKeyInternalCrypt
toProvider' won't be registered as an internal crypto provider. Please set the secret if the provider needs to be registered.
[2024-02-20 10:00:59,594] INFO - KafkaEventAdapterServiceDS Successfully deployed the Kafka output event adaptor service
[2024-02-20 10:00:59,760] INFO - TemplateDeployerServiceTrackerDS Successfully deployed the execution manager tracker service
[2024-02-20 10:01:01,614] INFO - ServiceComponent Eventing Hub ServiceComponent is activated
[2024-02-20 10:01:02,486] WARN - Digester Match [Server/Service/Engine/Host/Valve] failed to set property [maxDays] to []
[2024-02-20 10:01:05,196] INFO - ConsentManagerComponent ConsentManagerComponent is activated.
[2024-02-20 10:01:05,591] INFO - BinaryDataReceiverServiceComponent Binary Data Receiver server activated
[2024-02-20 10:01:05,631] INFO - DataBridgeDS Successfully deployed Agent Server
[2024-02-20 10:01:05,841] INFO - TenantAssociationServiceComponent Organization management related TenantAssociationManagementListener registered successfully.
[2024-02-20 10:01:06,272] INFO - EmbeddedRegistryService Configured Registry in 113ms
[2024-02-20 10:01:06,328] INFO - EmbeddedRegistryService Connected to mount at configregistry in 24ms
[2024-02-20 10:01:06,328] INFO - EmbeddedRegistryService Connected to mount at govregistry in 24ms
[2024-02-20 10:01:06,463] INFO - EmbeddedRegistryService Connected to mount at configregistry in 1ms
[2024-02-20 10:01:06,463] INFO - EmbeddedRegistryService Connected to mount at govregistry in 1ms

```

10.Its finished

```

Select C:\Windows\System32\cmd.exe - api-manager.bat --run
[2024-02-20 10:02:24,852] INFO - EventProcessorDeployer Execution plan is deployed successfully and in active state : carbon.super_resource_50KPerMin_default
[2024-02-20 10:02:24,867] INFO - CarbonUIServiceComponent Mgt Console URL : https://localhost:9443/carbon/
[2024-02-20 10:02:24,867] INFO - CarbonUIServiceComponent API Developer Portal Default Context : https://localhost:9443/devportal
[2024-02-20 10:02:24,867] INFO - CarbonUIServiceComponent API Publisher Default Context : https://localhost:9443/publisher
[2024-02-20 10:02:24,869] INFO - EventProcessorConfigurationFilesystemInvoker Execution plan: carbon.super_resource_20KPerMin_default saved in the filesystem
[2024-02-20 10:02:24,885] INFO - EventJunction Producer added to the junction. Stream:org.wso2.throttle.globalThrottle.stream:1.1.0
[2024-02-20 10:02:24,885] INFO - EventJunction Consumer added to the junction. Stream:org.wso2.throttle.processed.request.stream:1.0.0
[2024-02-20 10:02:24,885] INFO - EventProcessorDeployer Execution plan is deployed successfully and in active state : carbon.super_resource_20KPerMin_default
[2024-02-20 10:02:24,903] INFO - EventProcessorConfigurationFilesystemInvoker Execution plan: carbon.super_resource_10KPerMin_default saved in the filesystem
[2024-02-20 10:02:24,922] INFO - EventJunction Producer added to the junction. Stream:org.wso2.throttle.globalThrottle.stream:1.1.0
[2024-02-20 10:02:24,922] INFO - EventJunction Consumer added to the junction. Stream:org.wso2.throttle.processed.request.stream:1.0.0
[2024-02-20 10:02:24,922] INFO - EventProcessorDeployer Execution plan is deployed successfully and in active state : carbon.super_resource_10KPerMin_default
[2024-02-20 10:11:14,182] INFO - PassThroughHttpSSLSender PassThroughHttpSender reloading SSL Config..
[2024-02-20 10:11:14,186] INFO - ClientConnFactoryBuilder customSSLProfiles configuration is loaded from path: C:\Users\JAY~1.SHA\DOWNLO~1\WSO2AM~1.0\WSO2AM~1.0\repository
/resources/security/sslprofiles.xml
[2024-02-20 10:11:14,196] INFO - ClientConnFactoryBuilder HTTPS Loading custom SSL profiles for the HTTPS sender
[2024-02-20 10:11:14,201] INFO - ClientConnFactoryBuilder HTTPS Custom SSL profiles initialized for 1 servers
[2024-02-20 10:11:14,201] INFO - PassThroughHttpSSLSender Pass-through HTTPS Sender updated with Dynamic Configuration Updates ...
[2024-02-20 10:11:14,259] INFO - PassThroughHttpMultiSSLListener PassThroughHttpListener reloading SSL Config..
[2024-02-20 10:11:14,263] INFO - ServerConnFactoryBuilder SSLProfile configuration is loaded from path: C:\Users\JAY~1.SHA\DOWNLO~1\WSO2AM~1.0\WSO2AM~1.0\repository/resou
ces/security/listenerprofiles.xml
[2024-02-20 10:11:14,272] INFO - PassThroughListeningIOReactorManager Pass-through HTTPS Listener started on 0.0.0.0:8243
[2024-02-20 10:11:14,272] INFO - PassThroughHttpMultiSSLListener HTTPS Reloaded
[2024-02-20 10:11:14,277] WARN - PassThroughHttpMultiSSLListener System may be unstable: HTTPS ListeningIOReactor encountered a checked exception : Address already in use:
bind
java.net.BindException: Address already in use: bind
at sun.nio.ch.Net.bind0(Native Method) ~[?:?]
at sun.nio.ch.Net.bind(Net.java:565) ~[?:?]
at sun.nio.ch.ServerSocketChannelImpl.netBind(ServerSocketChannelImpl.java:344) ~[?:?]
at sun.nio.ch.ServerSocketChannelImpl.bind(ServerSocketChannelImpl.java:301) ~[?:?]
at sun.nio.ch.ServerSocketAdaptor.bind(ServerSocketAdaptor.java:89) ~[?:?]
at org.apache.http.impl.nio.reactor.DefaultListeningIOReactor.processSessionRequests(DefaultListeningIOReactor.java:243) ~[httpcore-nio_4.4.16.wso2v1.4.jar:?]
at org.apache.http.impl.nio.reactor.DefaultListeningIOReactor.processEvents(DefaultListeningIOReactor.java:144) ~[httpcore-nio_4.4.16.wso2v1.4.jar:?]
at org.apache.http.impl.nio.reactor.AbstractMultiworkerIOReactor.execute(AbstractMultiworkerIOReactor.java:351) ~[httpcore-nio_4.4.16.wso2v1.4.jar:?]
at org.apache.synapse.transport.passthru.core.PassThroughListeningIOReactorManager$1.run(PassThroughListeningIOReactorManager.java:561) ~[synapse-nhttp-transport_4.
0.0.wso2v20.12.jar:?]
at java.lang.Thread.run(Thread.java:1583) [?:?]

```

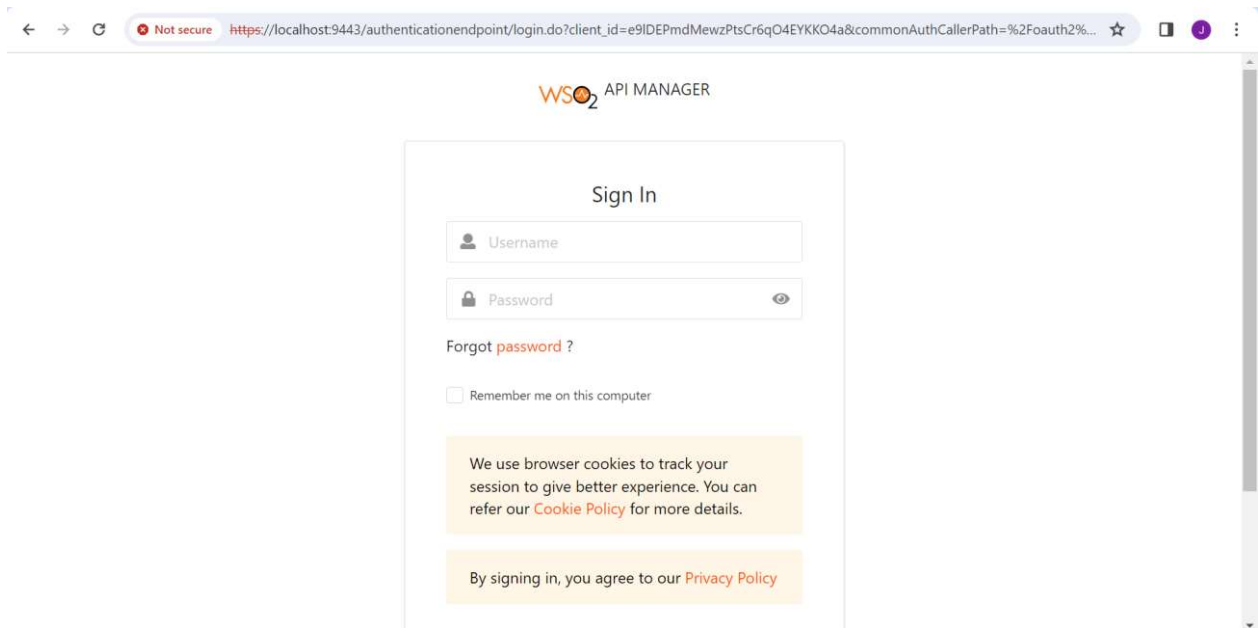
11. These are the portal we used to run

```

[2024-02-20 10:02:24,852] INFO - EventProcessorDeployer Execution plan is deployed successfully and in active state : carbon.super_resource_50KPerMin_default
[2024-02-20 10:02:24,867] INFO - CarbonUIServiceComponent Mgt Console URL : https://localhost:9443/carbon/
[2024-02-20 10:02:24,867] INFO - CarbonUIServiceComponent API Developer Portal Default Context : https://localhost:9443/devportal
[2024-02-20 10:02:24,867] INFO - CarbonUIServiceComponent API Publisher Default Context : https://localhost:9443/publisher
[2024-02-20 10:02:24,869] INFO - EventProcessorConfigurationFilesystemInvoker Execution plan: carbon.super_resource_20KPerMin_default saved in the filesystem
[2024-02-20 10:02:24,885] INFO - EventJunction Producer added to the junction. Stream:org.wso2.throttle.globalThrottle.stream:1.1.0

```

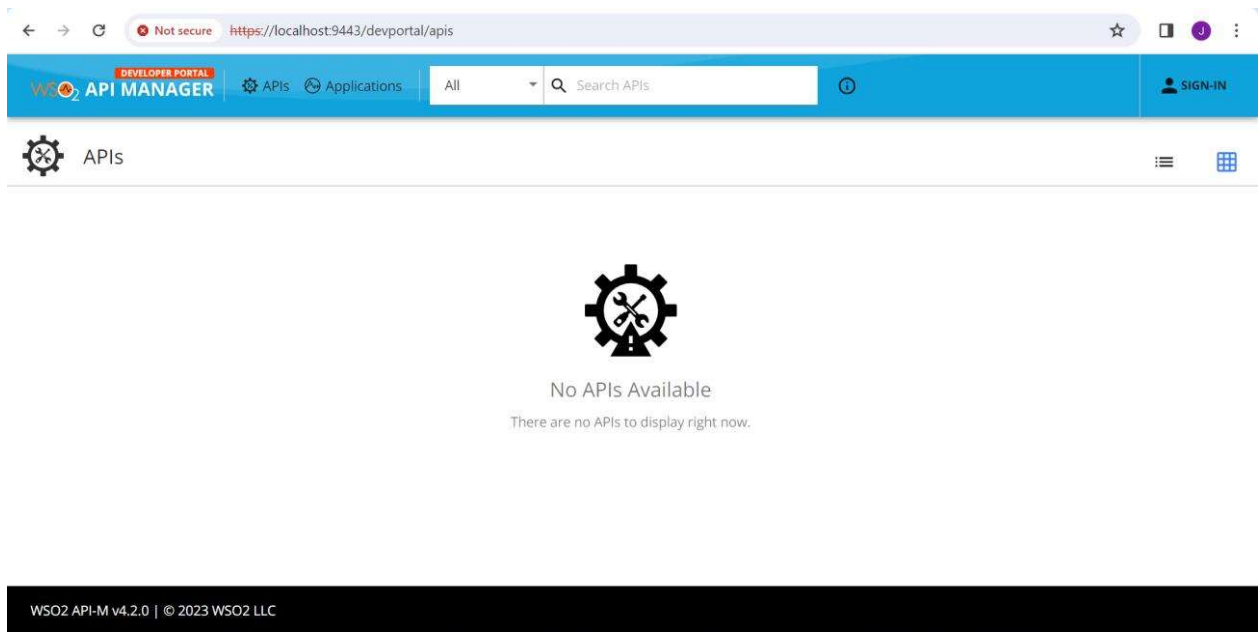
12.Main page of WSO2 api manager publisher potal



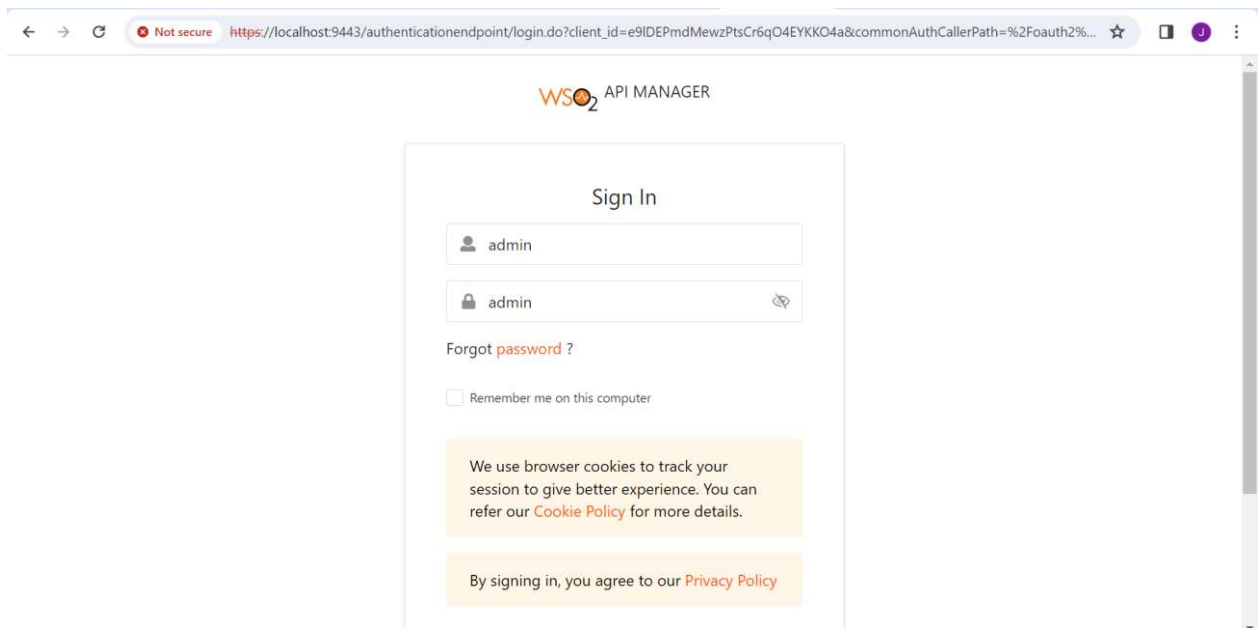
13. Carbon portal



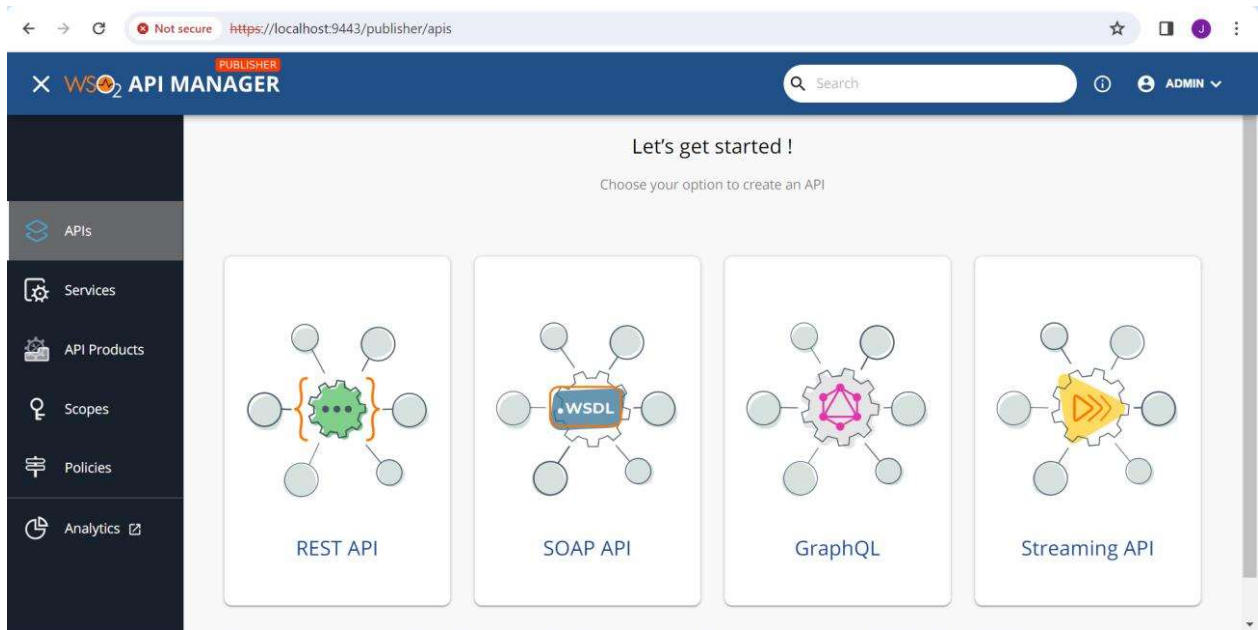
14. Devportal



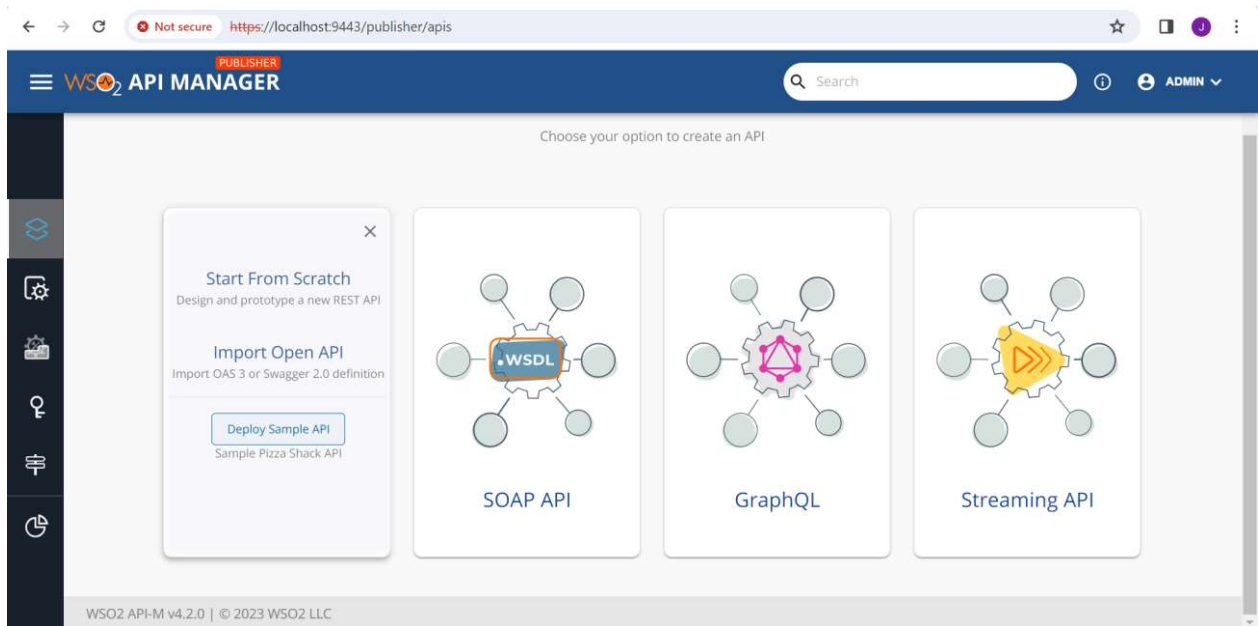
15. Give admin as username and password



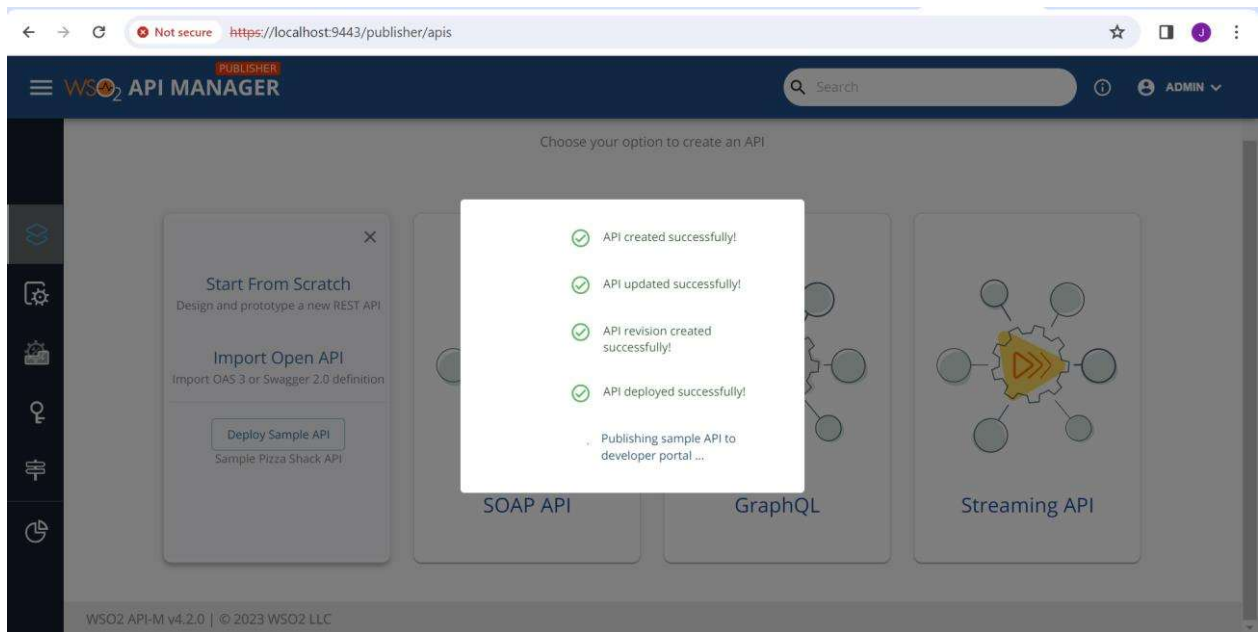
16. This page shows the publisher page



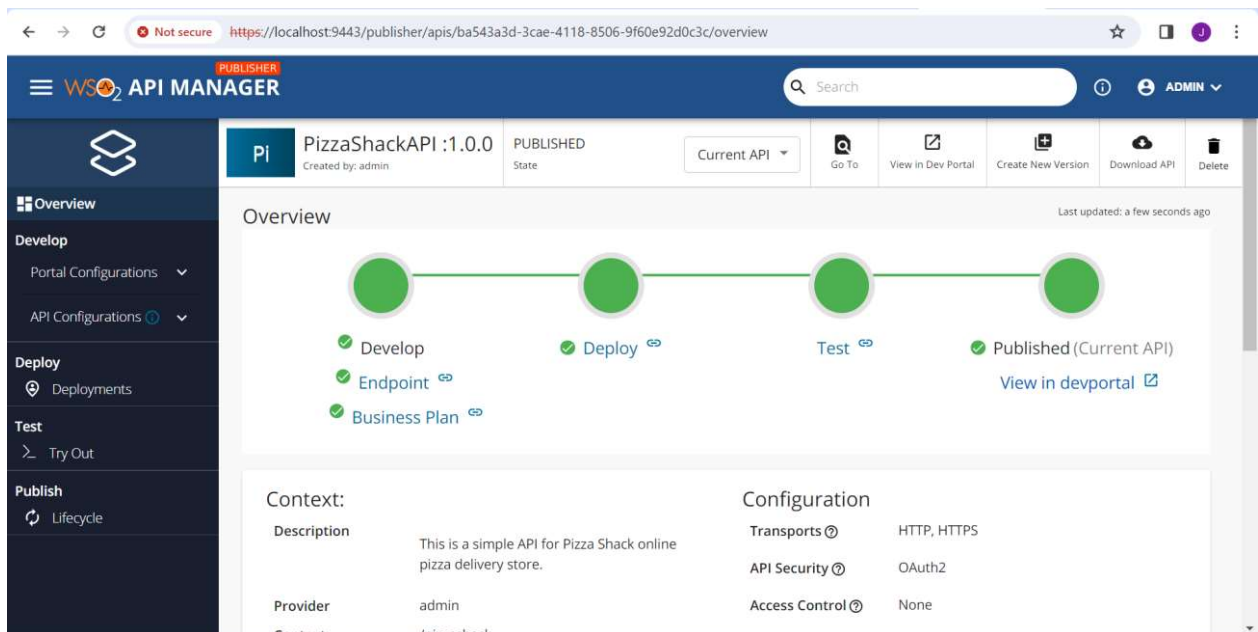
17. Select REST API



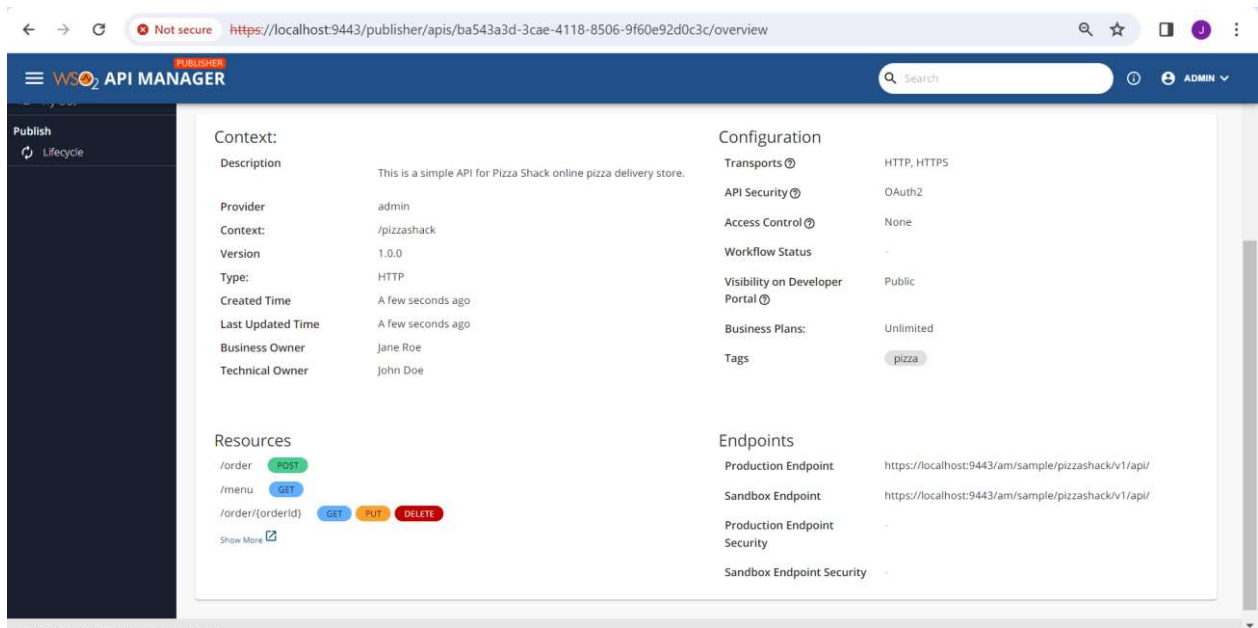
18. Select Deploy Sample API to run sample api



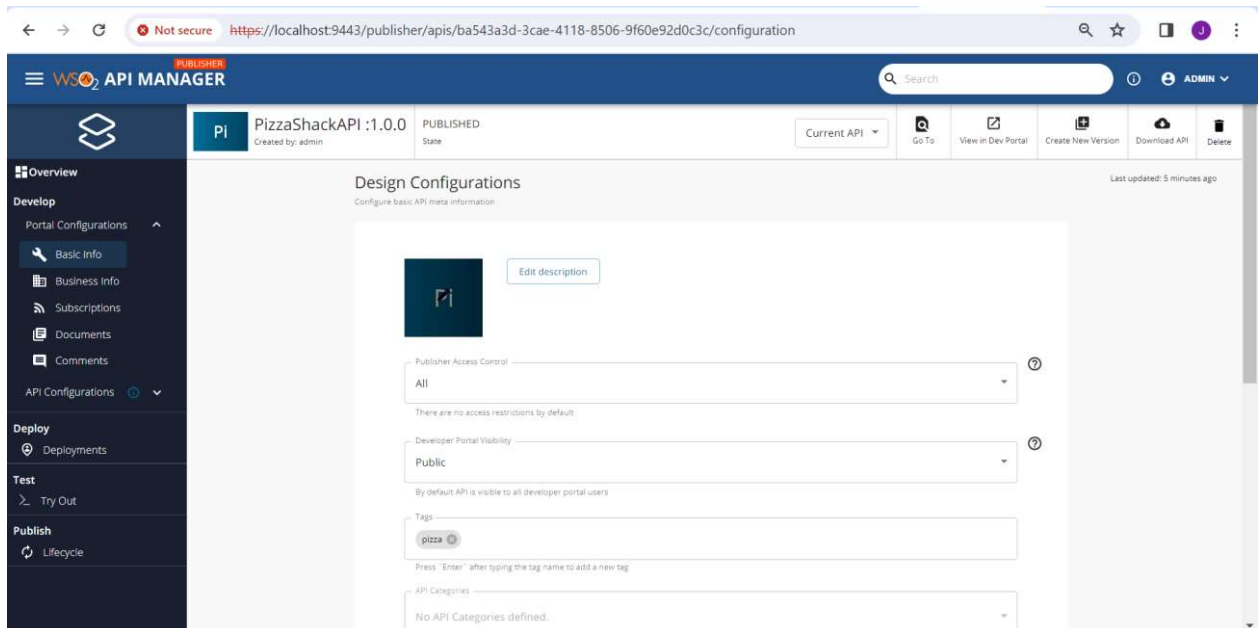
19.API published successfully



20.



21. Basic info page



22. Business info page

Not secure https://localhost:9443/publisher/apis/ba543a3d-3cae-4118-8506-9f60e92d0c3c/business%20info

WSO2 API MANAGER PUBLISHER

Search ADMIN

PizzaShackAPI :1.0.0 PUBLISHED
Created by: admin

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

Business Information

Business Information of the API

Last updated: 5 minutes ago

Business Owner
Jane Roe
Provide the name of the business owner

Business Owner Email
marketing@pizzashack.com
Provide the email of the business owner

Technical Owner
John Doe
Provide the name of the technical owner

Technical Owner Email
architecture@pizzashack.com
Provide the email of the technical owner

Save Cancel

23. Subscription page

Not secure https://localhost:9443/publisher/apis/ba543a3d-3cae-4118-8506-9f60e92d0c3c/subscriptions

WSO2 API MANAGER PUBLISHER

Search ADMIN

PizzaShackAPI :1.0.0 PUBLISHED
Created by: admin

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

Business Plans

Attach business plans to API

Last updated: 5 minutes ago

☐ Bronze : Allows 1000 requests per minute

☐ Gold : Allows 5000 requests per minute

☐ Silver : Allows 2000 requests per minute

☒ Unlimited : Allows unlimited requests

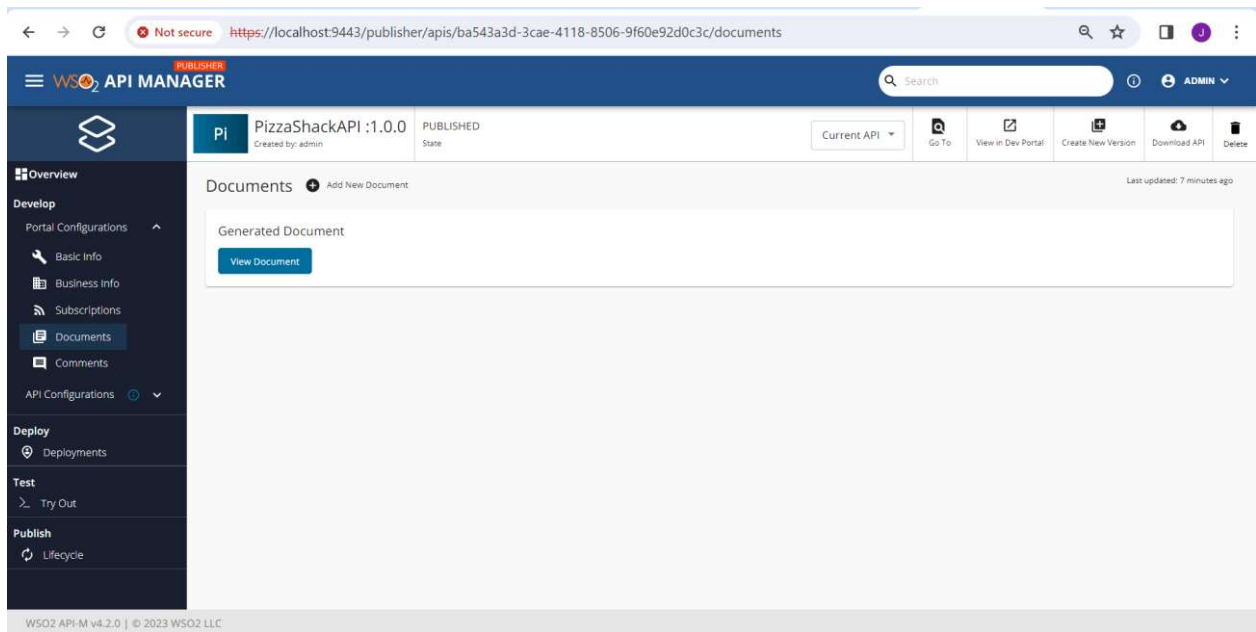
Save Cancel

Manage Subscriptions

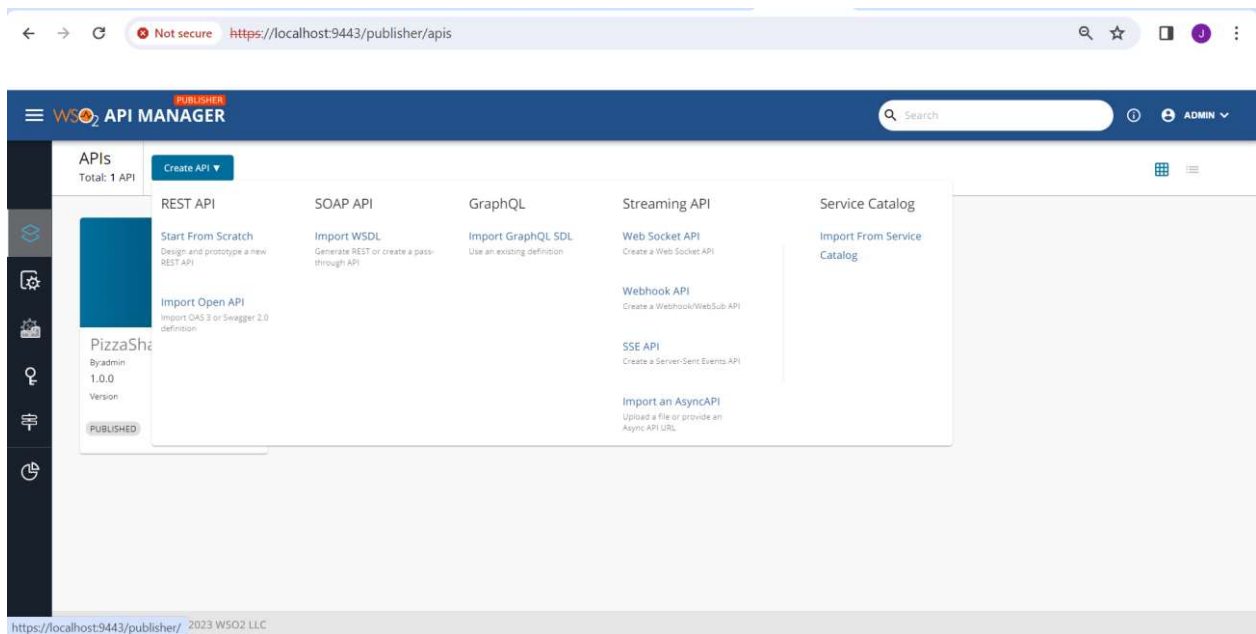
Manage subscriptions of the API

No subscriptions data available

24. Documents Page



25. Create new api



26. Give name, context, version, and Endpoint and click create

← → ↻ Not secure https://localhost:9443/publisher/apis/create/rest

WSO2 API MANAGER PUBLISHER

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

Name* HMS

Context* /project

Version* 1.0.0

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

Endpoint* https://isopplaceholder.typicode.com/ ✓

* Mandatory fields

Create Create & Publish Cancel

WSO2 API-M v4.2.0 | © 2023 WSO2 LLC

27. It only develop

← → ↻ Not secure https://localhost:9443/publisher/apis/3ba04772-fff7-469c-88d3-012c9368bd88/overview

WSO2 API MANAGER PUBLISHER

HM HMS :1.0.0 CREATED
Created by: admin State

Current API Go To Create New Version Download API Delete

Overview

Develop Deploy Test Publish

Develop ✓ Endpoint ∞ Business Plan ∞

Context:

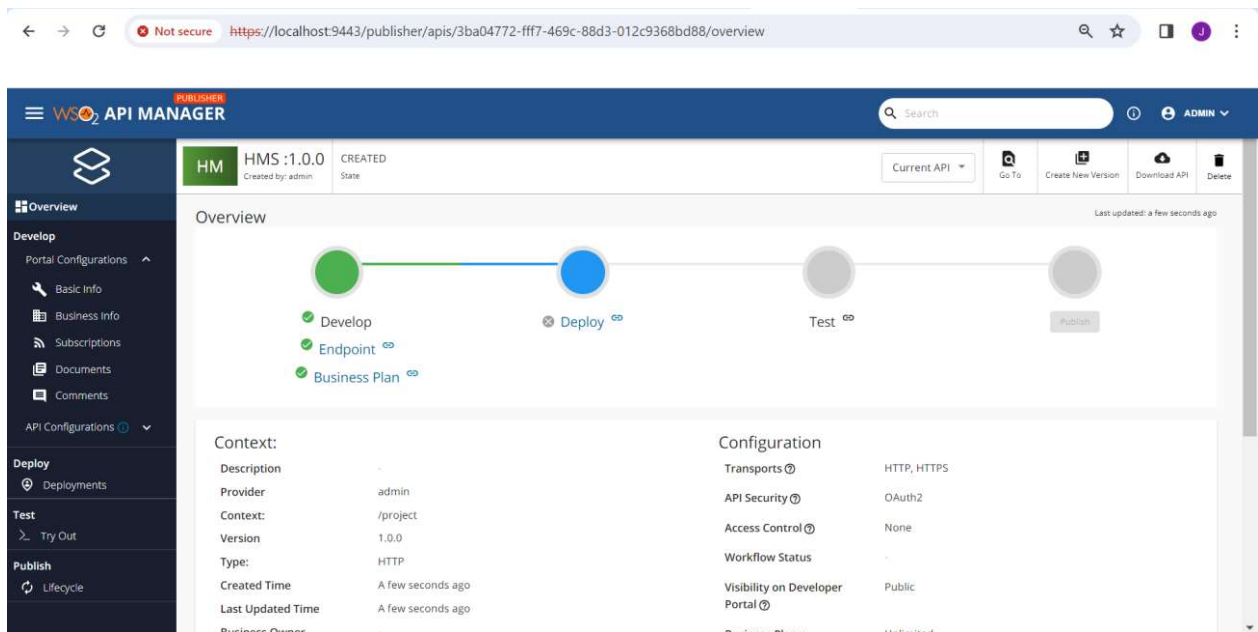
Description	-
Provider	admin
Context	/project
Version	1.0.0
Type	HTTP
Created Time	A few seconds ago
Last Updated Time	A few seconds ago
Business Owner	-

Configuration

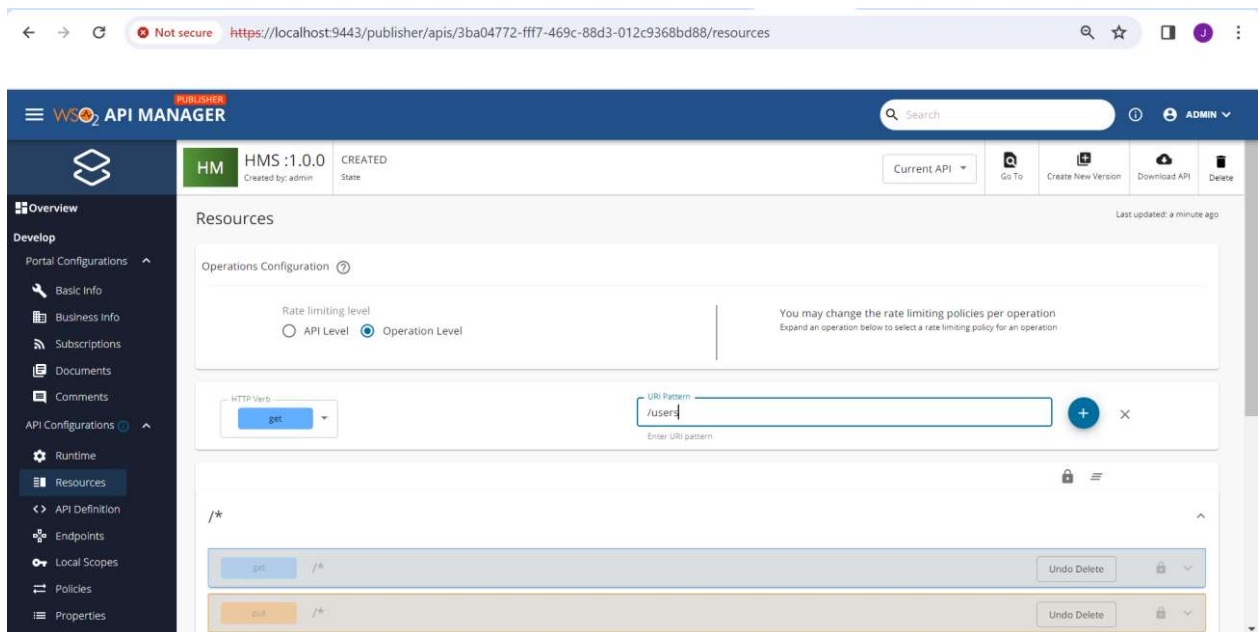
Transports	HTTP, HTTPS
API Security	OAuth2
Access Control	None
Workflow Status	-
Visibility on Developer Portal	Public
Business Plan	Unlimited

API created successfully

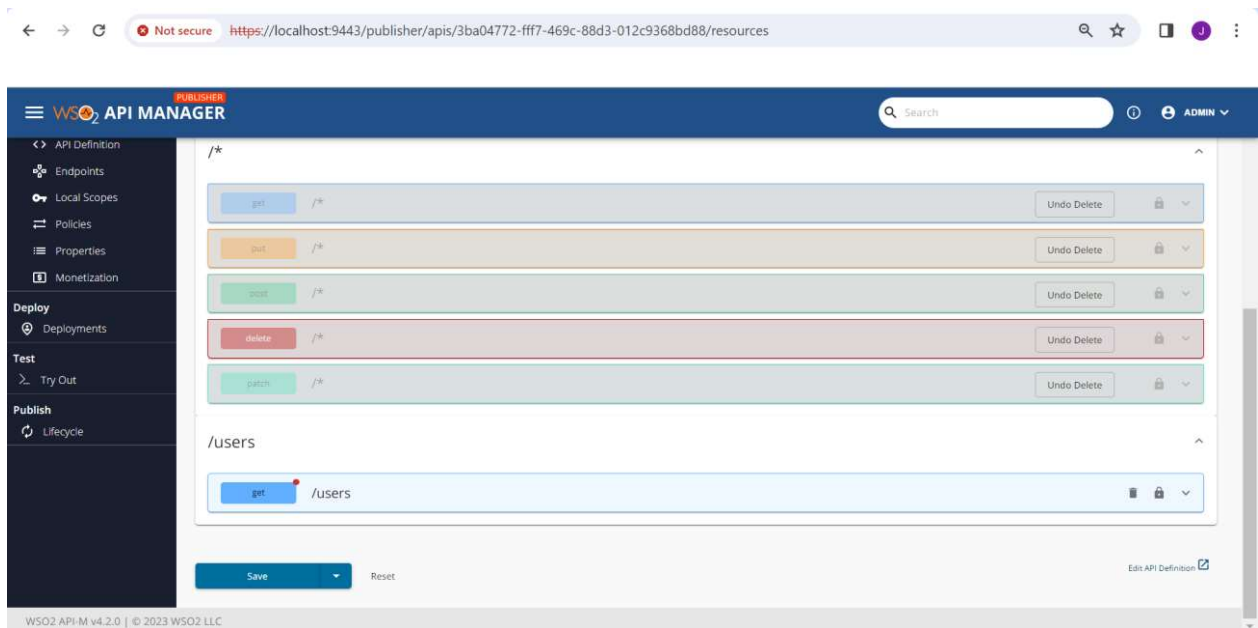
28.



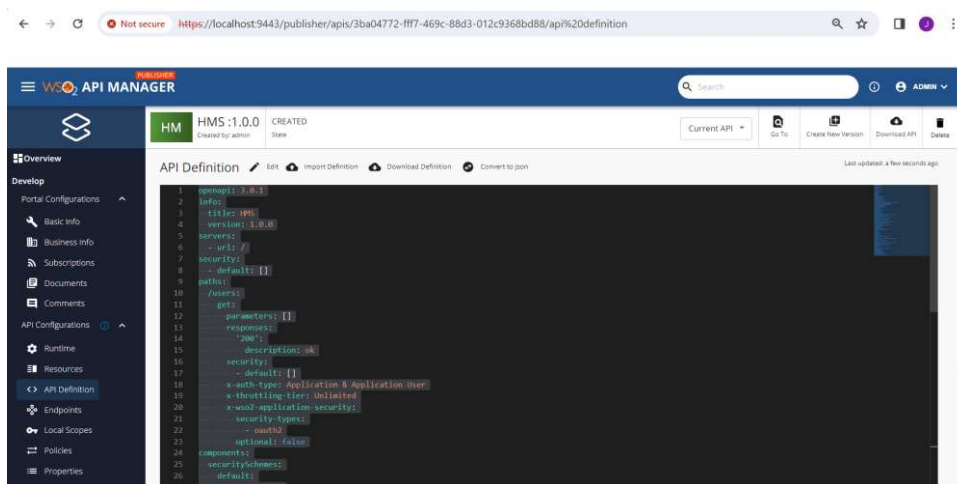
29. Select Resources and delete all the HTTP verb and new one like get, post.



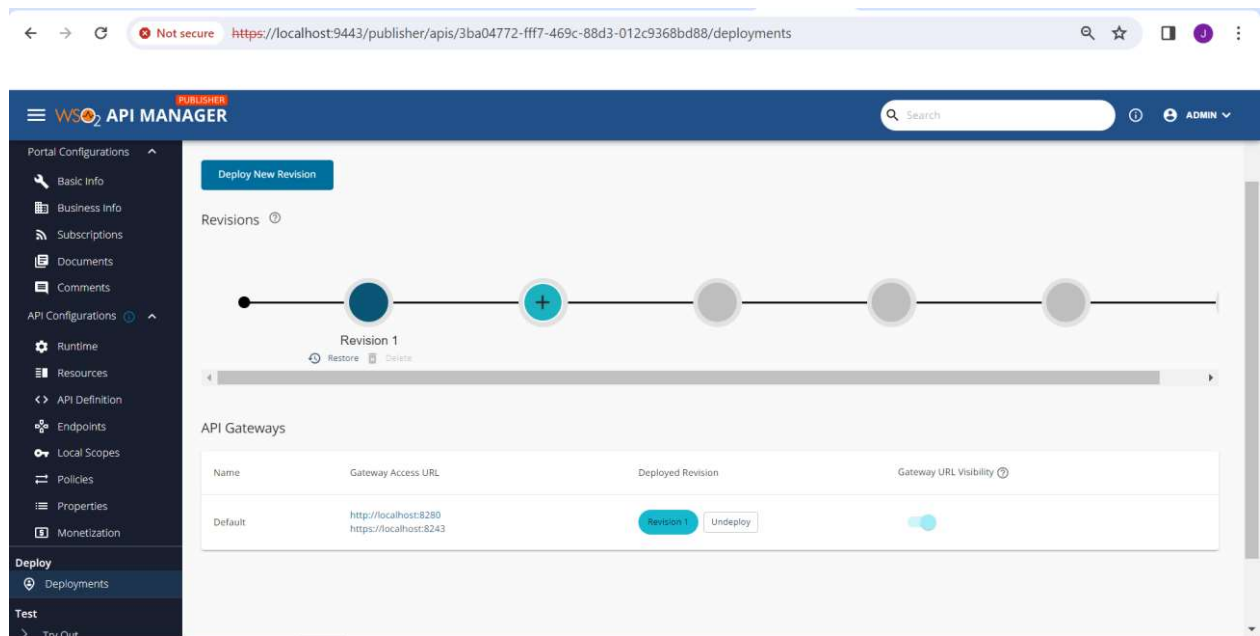
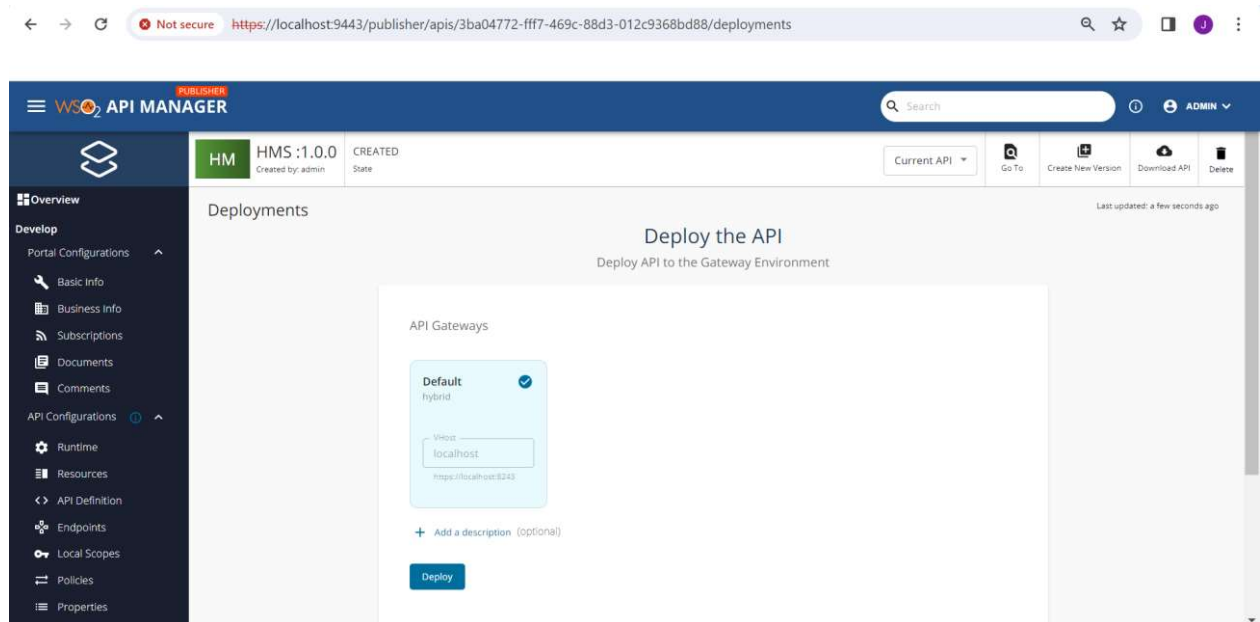
30.

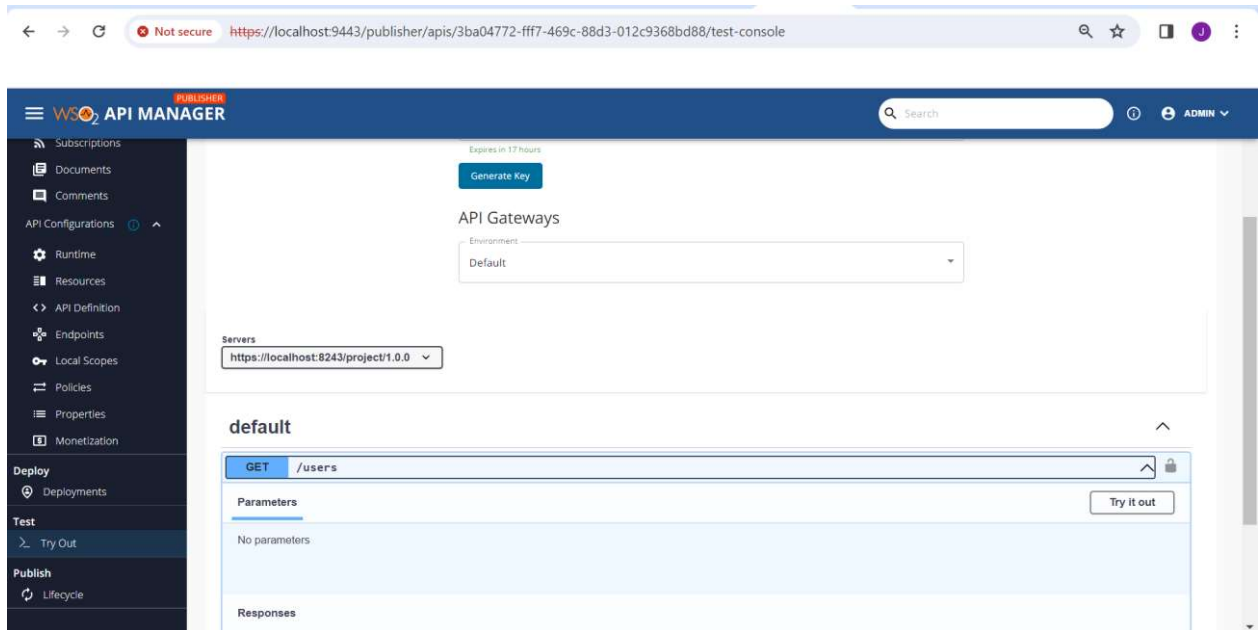


31.API Definition shows the xml format of our api

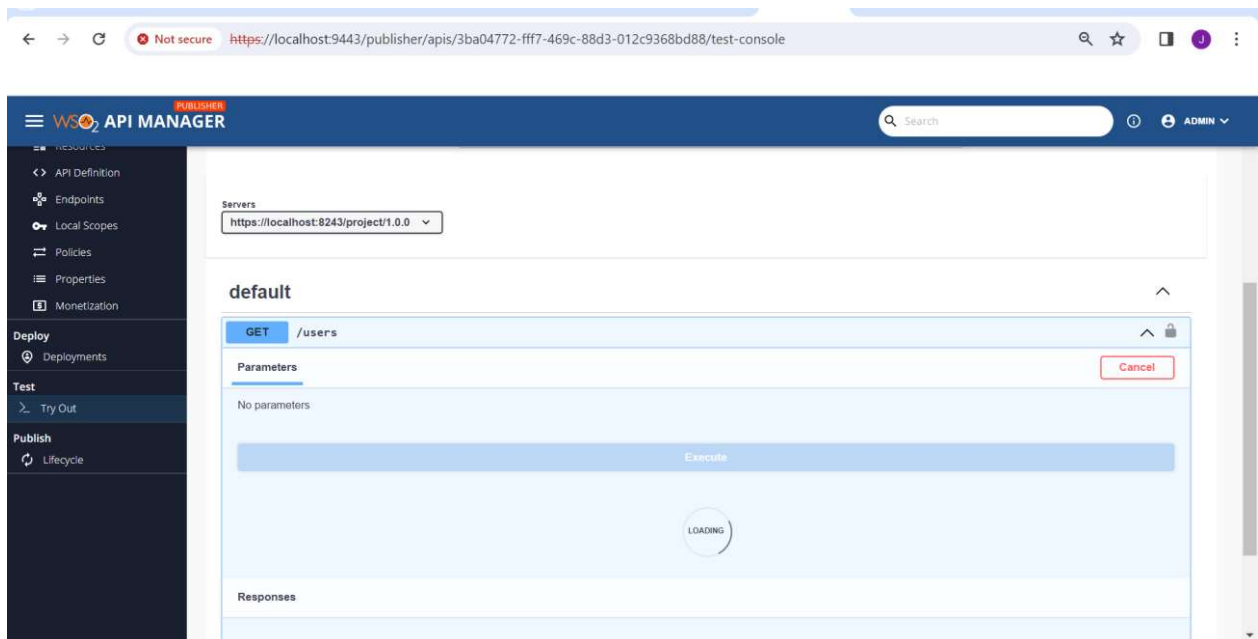


32.In Deployments page click deploy

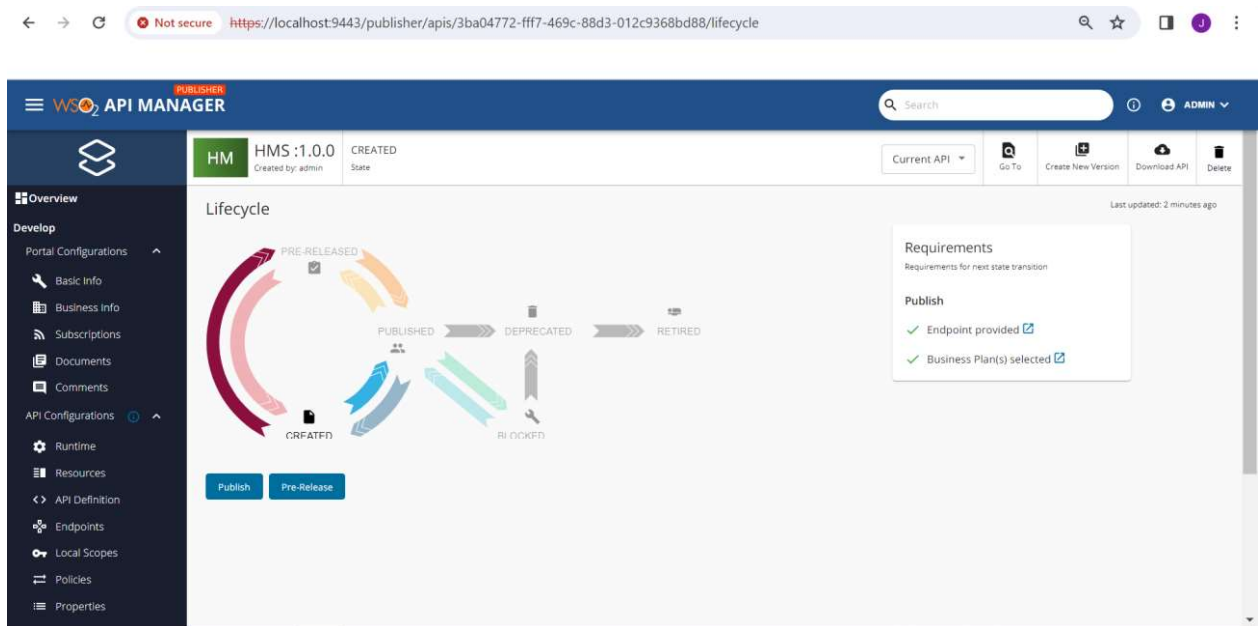




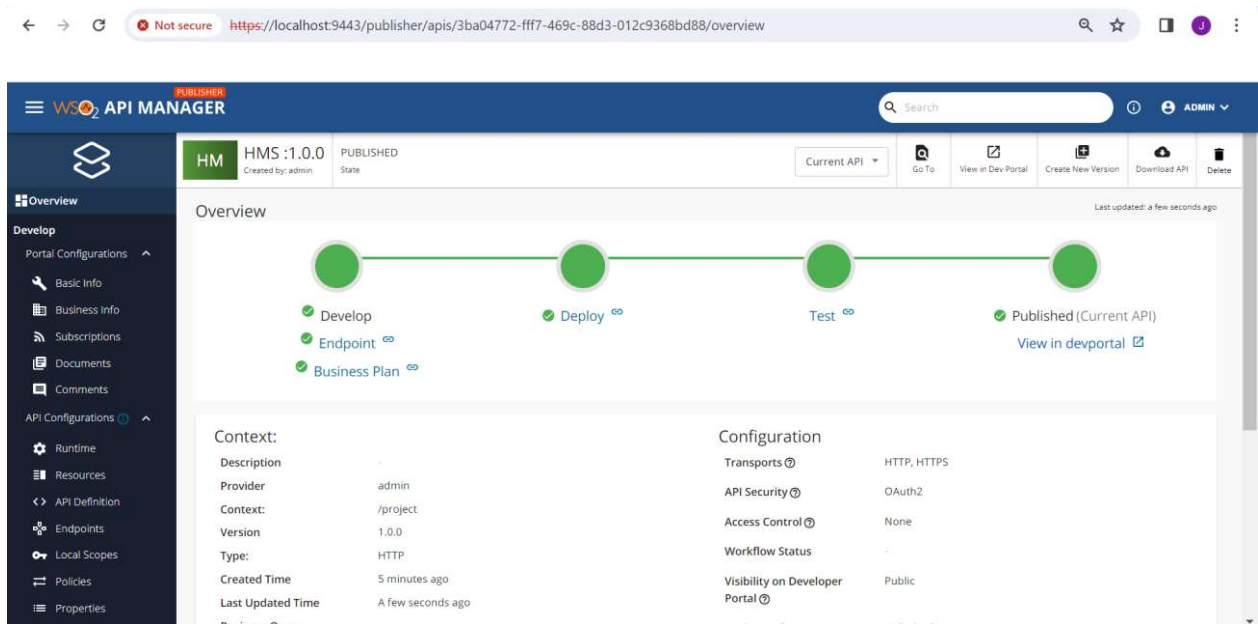
35. Click Execute



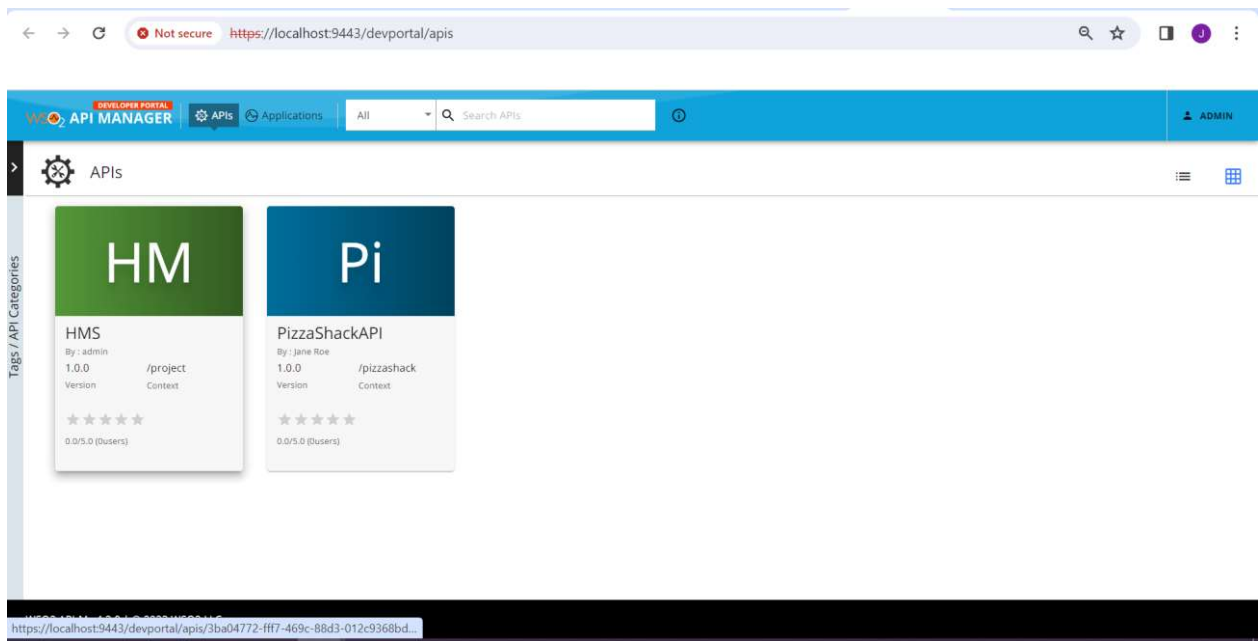
36. Its publisher page



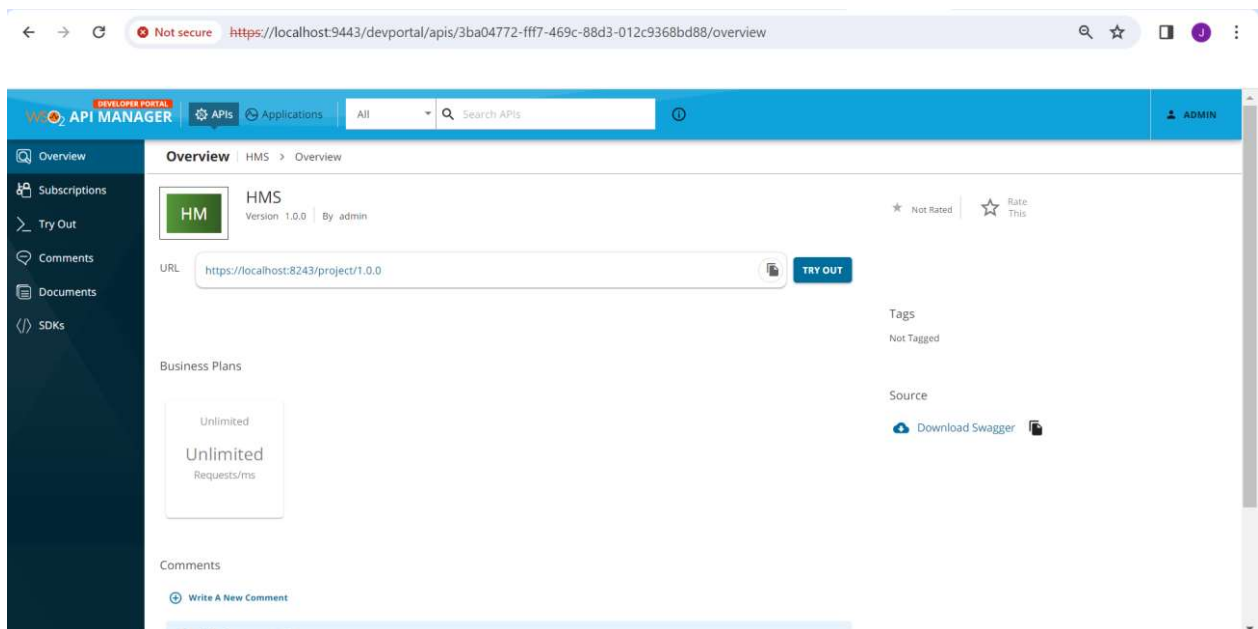
37. It published



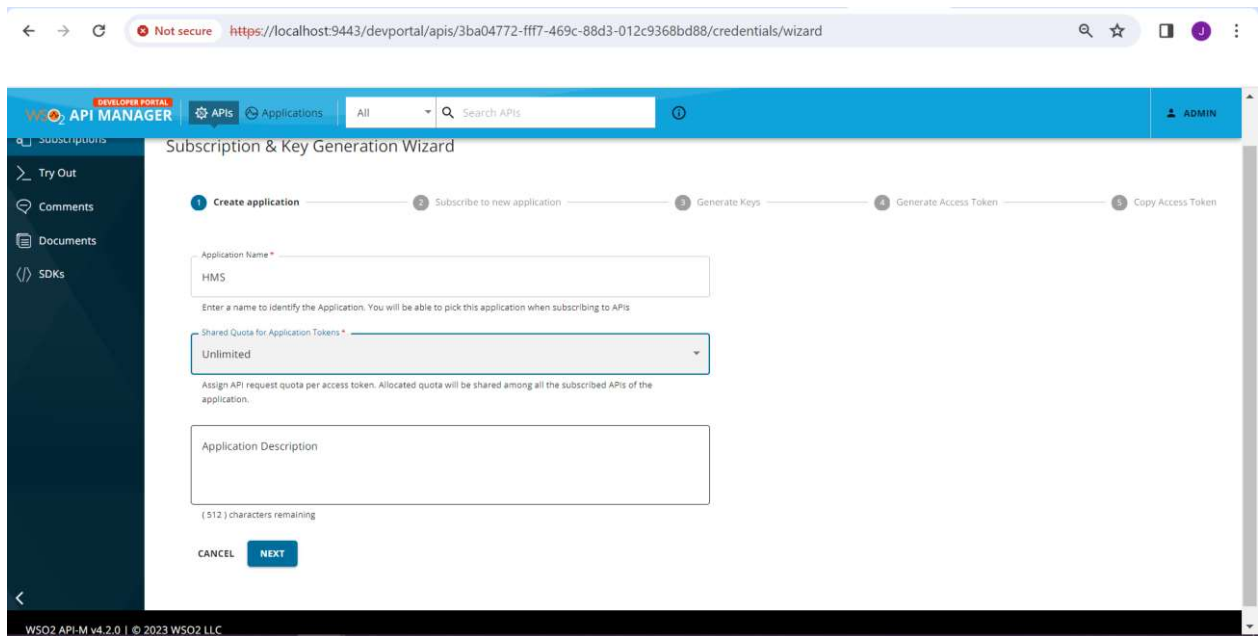
38. It is dev portal page



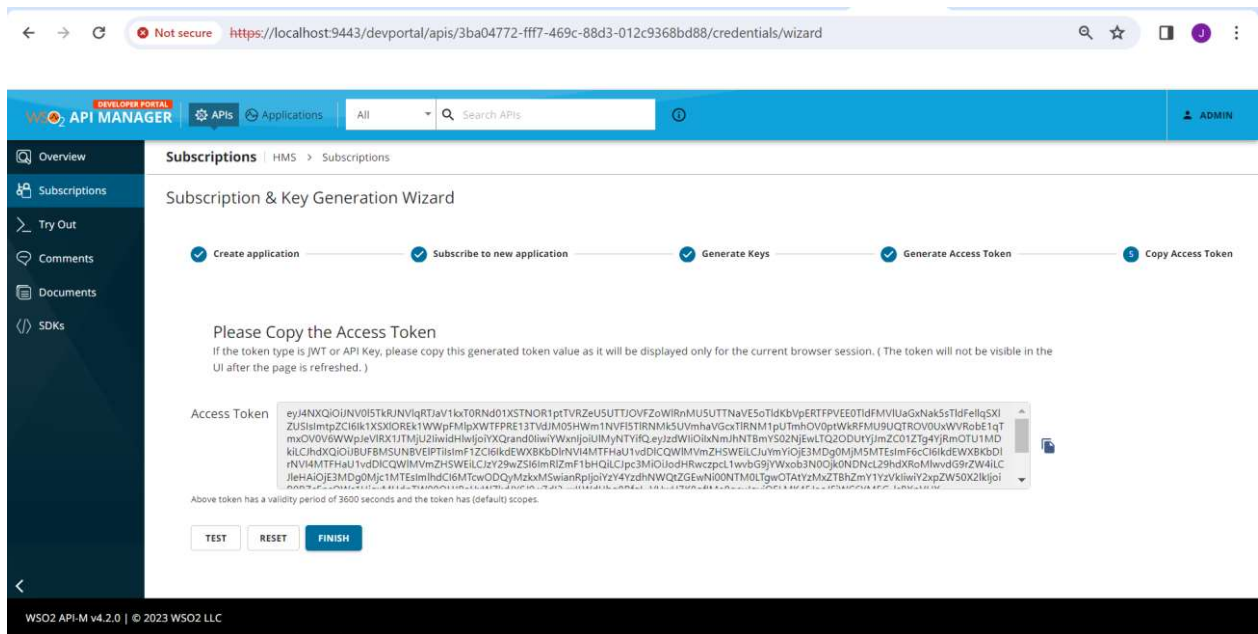
39.



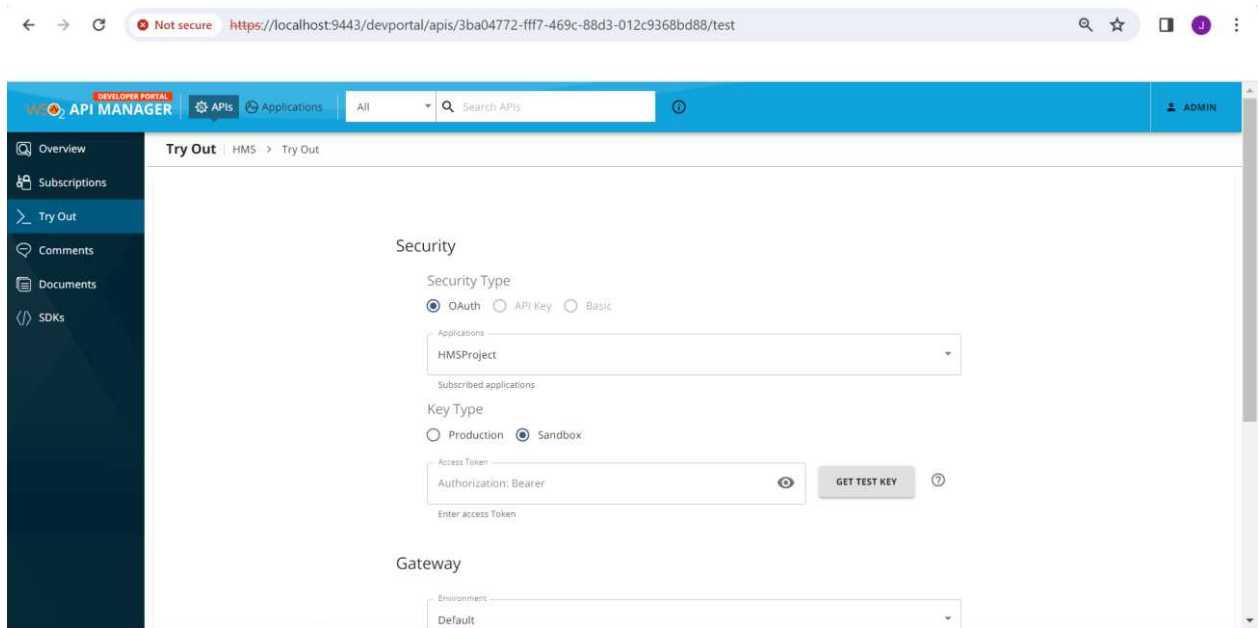
40. In subscription give name



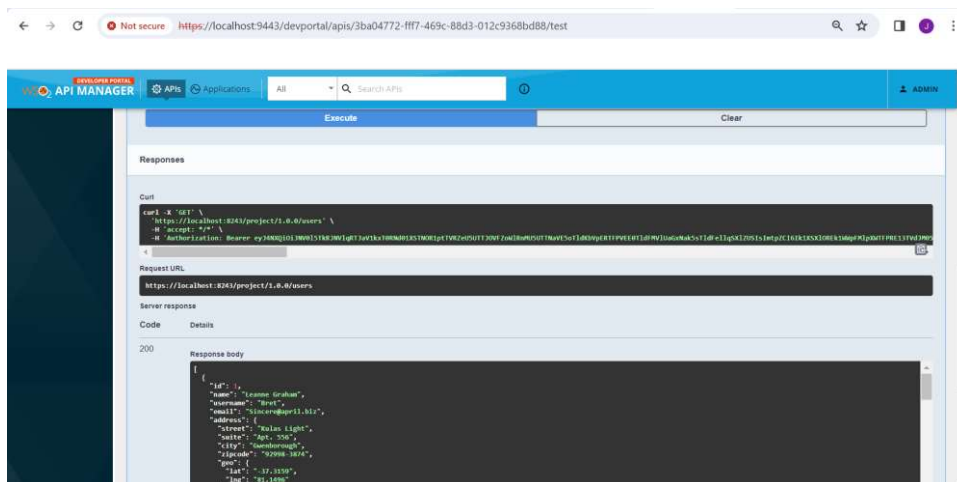
41.



42. Try out, select security type



43. It works fine



44. Copy Link of API and in authorization select bearer key and paste it, API runs successfully.

