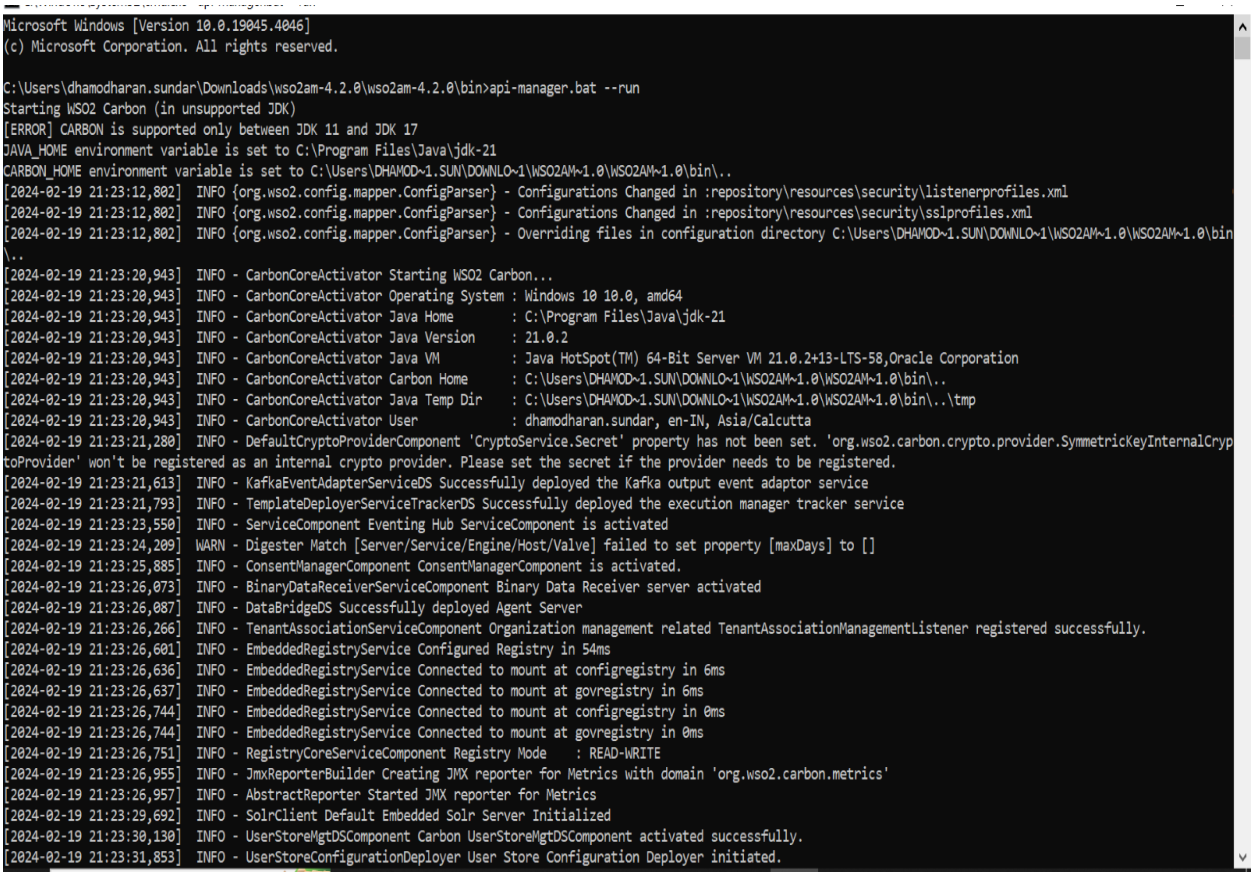
Wso2 Web Api Manager

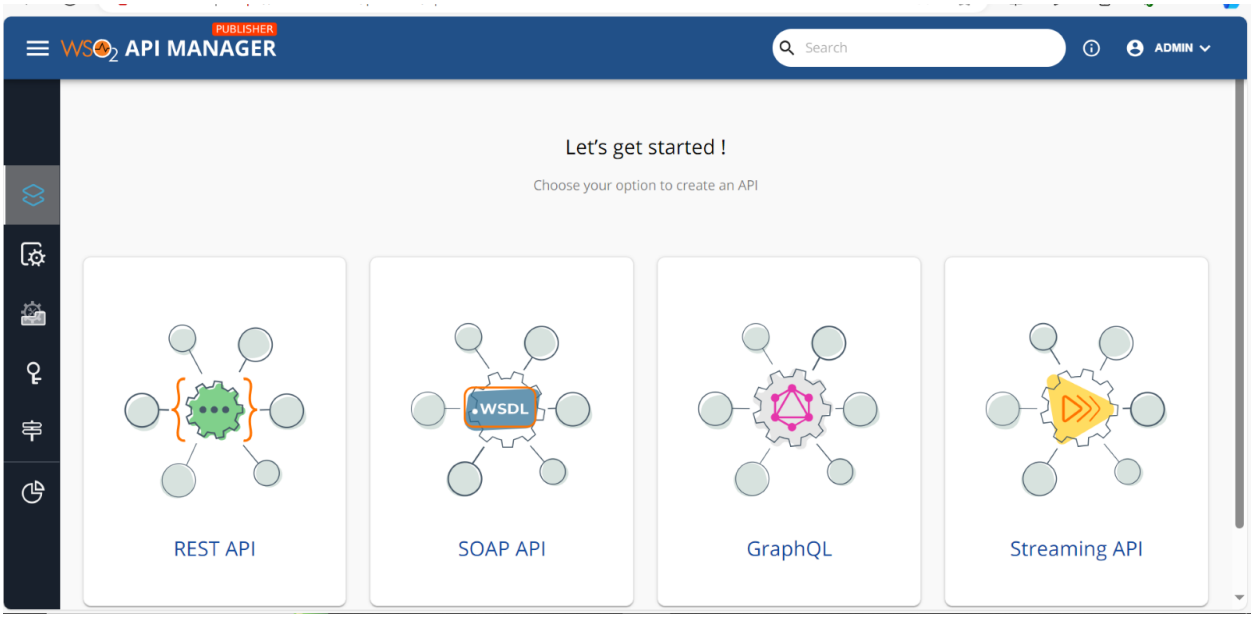
Dhamodharan S

Here are the steps to create an api using wso2 web api manger.

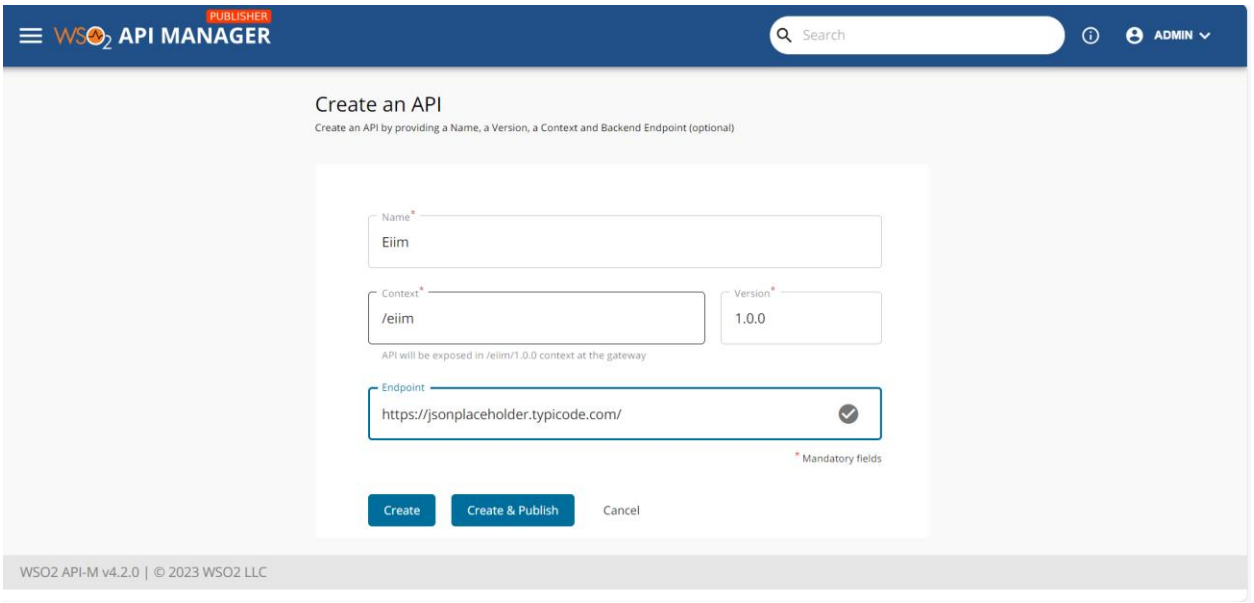
Step1: api-manager.bat --run (for Windows) to run the command to install wso2 web api manger in cmd (wso2 /bin/)



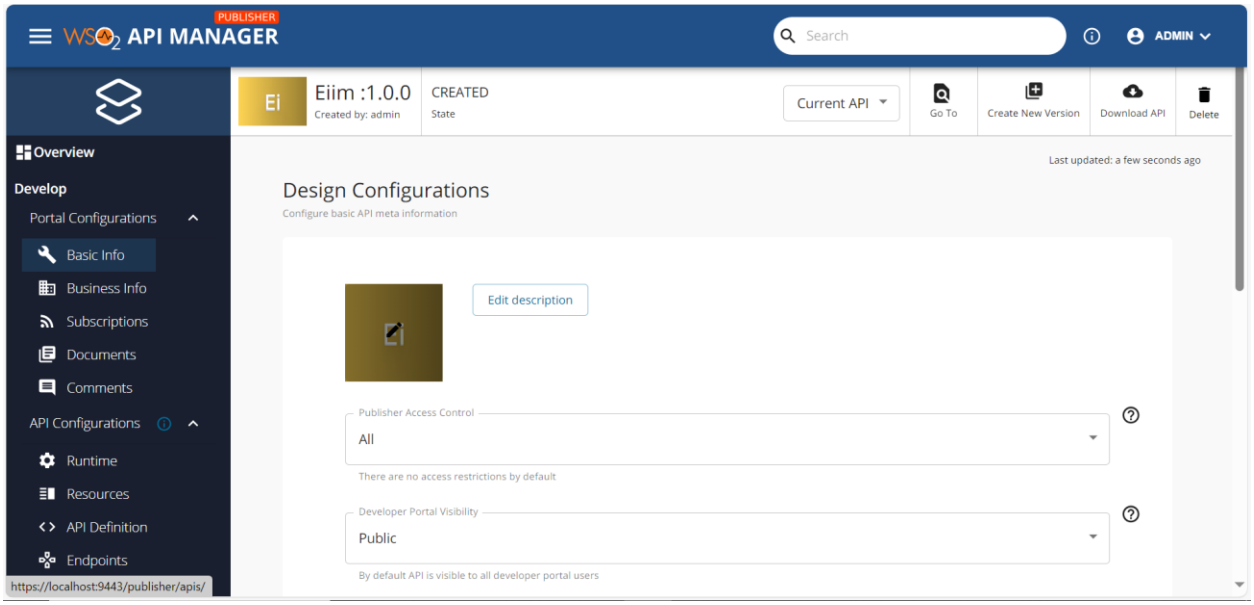
Step 2: This is the publisher portal of ws02 and Create and Publish an Api(Rest)



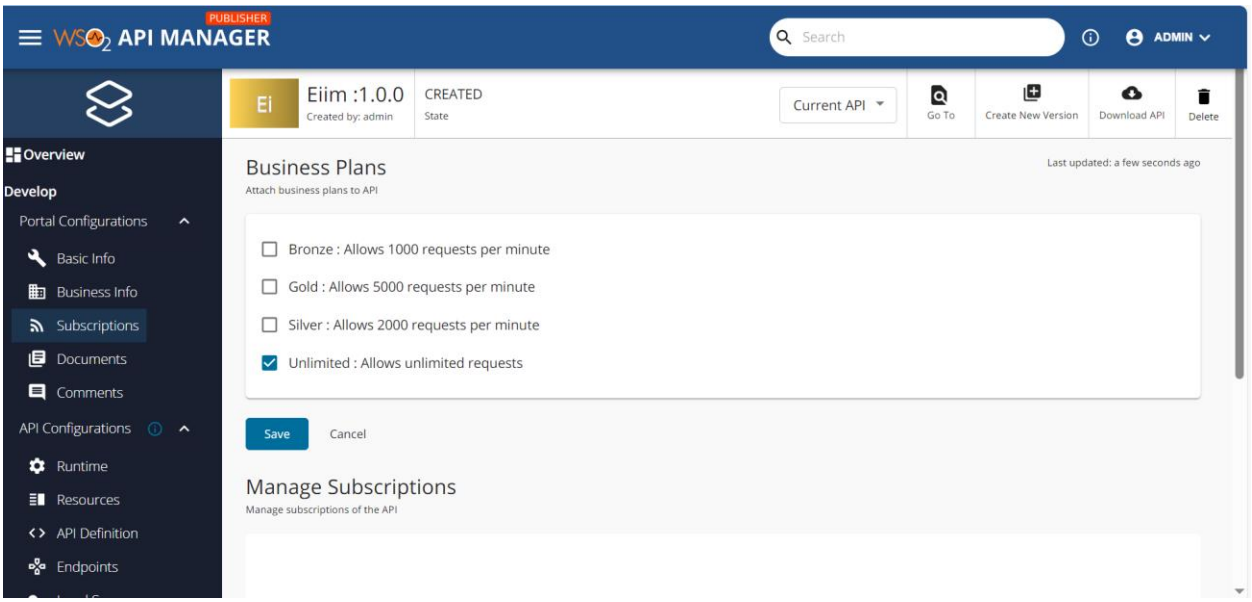
Step 3: Fill the details for creating Api like name,Endpoint,version.



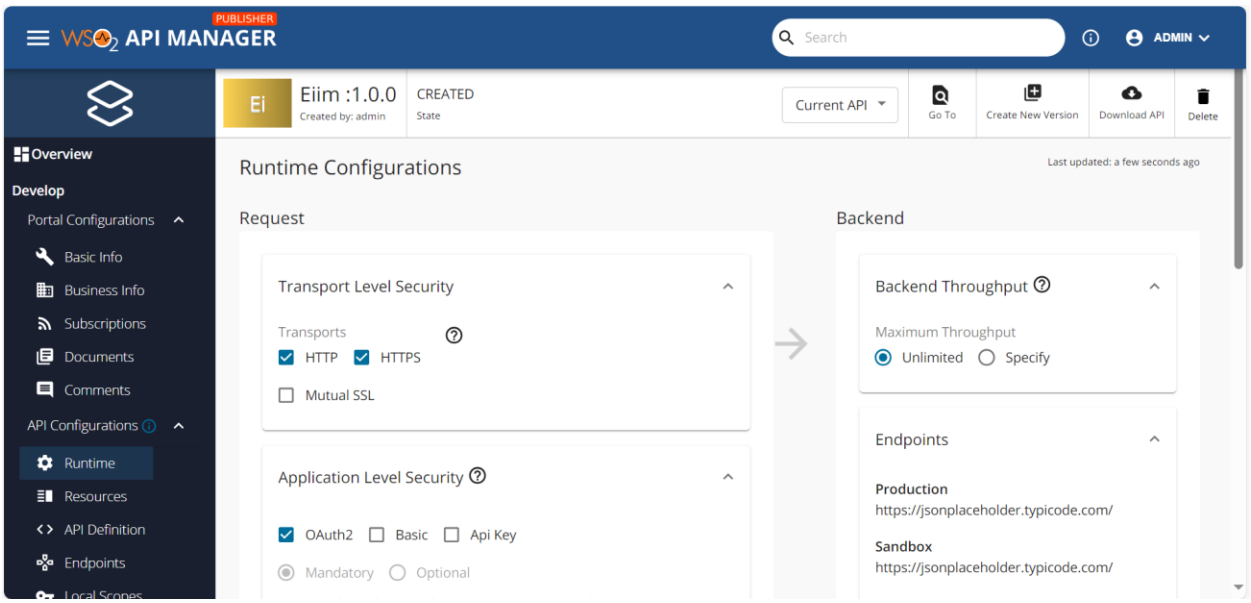
Step 4: Check the api design and edit if needed in portal configurations



Step 5: Check the business plans Select based on needed



Step 6: Check run time configurations select based on needed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WSO2 API MANAGER
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Created by: admin
CREATED
State
Current API
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Create New Version
Download API
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Overview
Develop
Portal Configurations
Basic Info
Business Info
Subscriptions
Documents
Comments
API Configurations
Runtime
Resources
API Definition
Endpoints
Runtime Configurations
Last updated: a few seconds ago
Request
Backend
Transport Level Security
Transports
HTTP
HTTPS
Mutual SSL
Application Level Security
OAuth2
Basic
Api Key
Mandatory
Optional
Backend Throughput
Maximum Throughput
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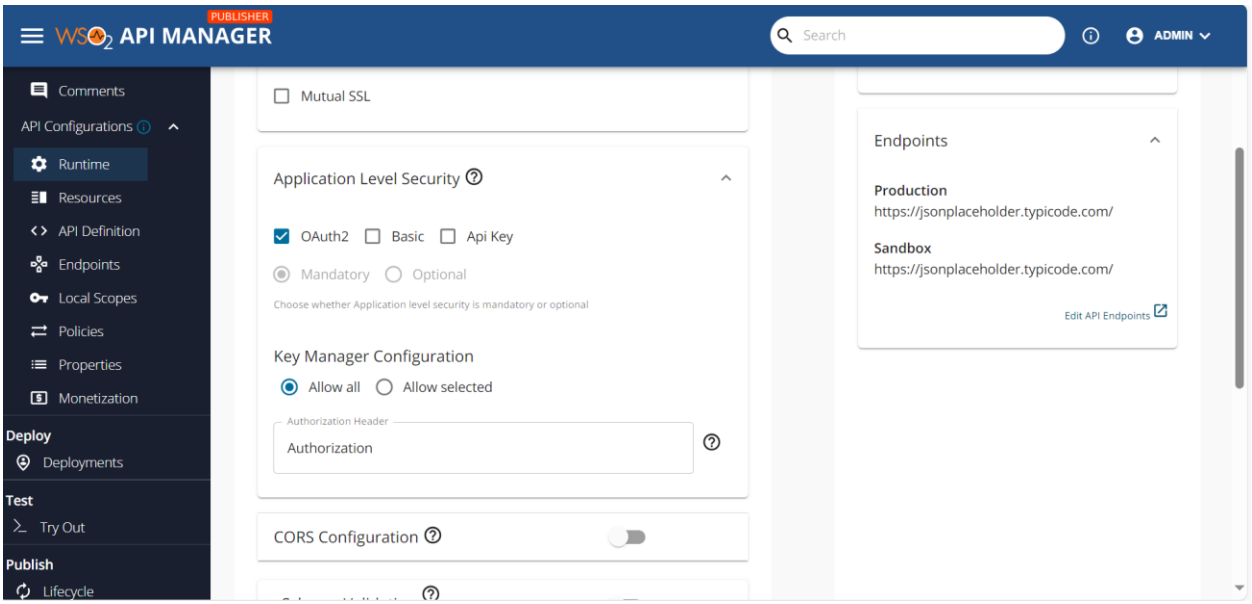
Specify
Endpoints
Production
https://jsonplaceholder.typicode.com/
Sandbox
https://jsonplaceholder.typicode.com/


PUBLISHER
WSO2 API MANAGER
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ADMIN
Comments
API Configurations
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Resources
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Endpoints
Local Scopes
Policies
Properties
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Publish
Lifecycle
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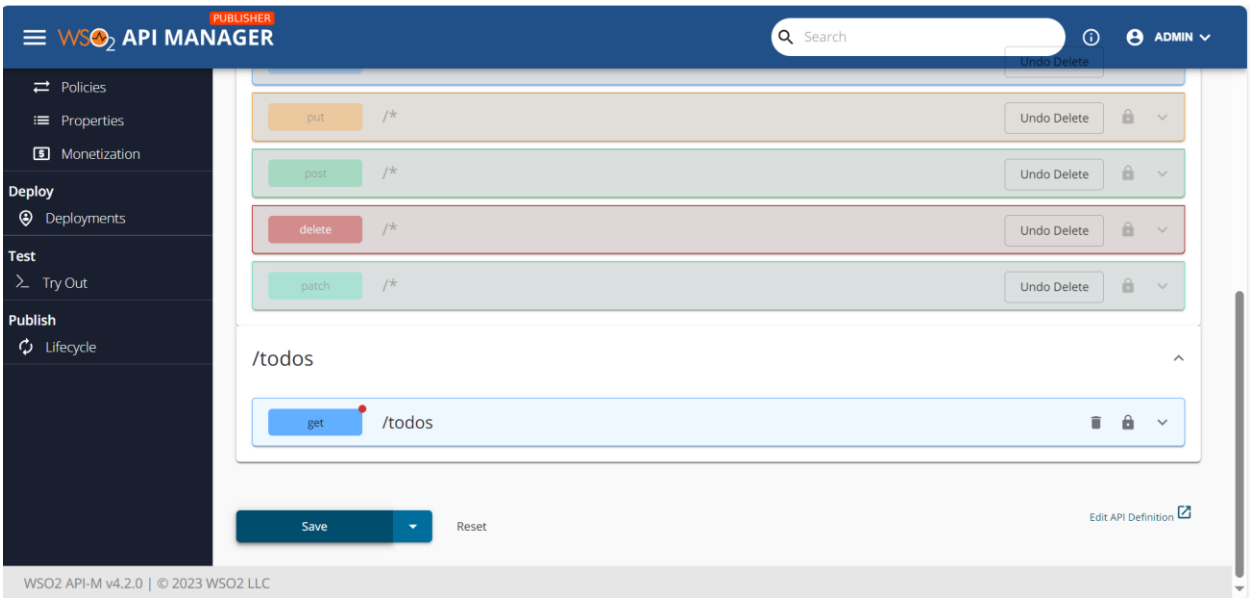
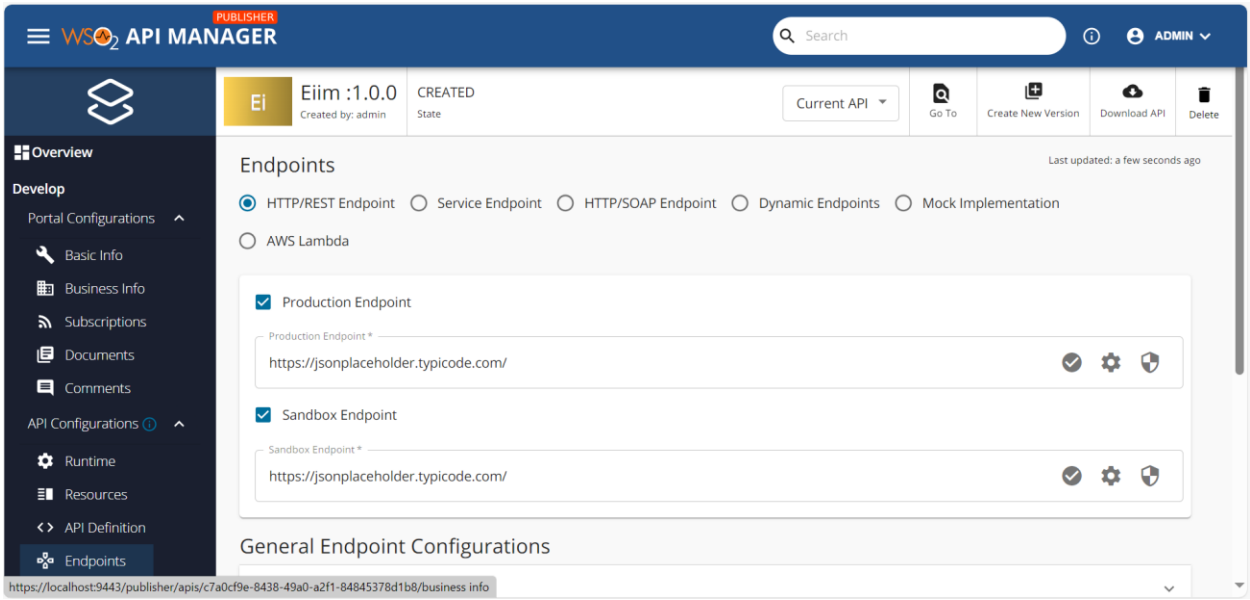
OAuth2
Basic
Api Key
Mandatory
Optional
Choose whether Application level security is mandatory or optional
Key Manager Configuration
Allow all
Allow selected
Authorization Header
Authorization
CORS Configuration
Endpoints
Production
https://jsonplaceholder.typicode.com/
Sandbox
https://jsonplaceholder.typicode.com/
Edit API Endpoints

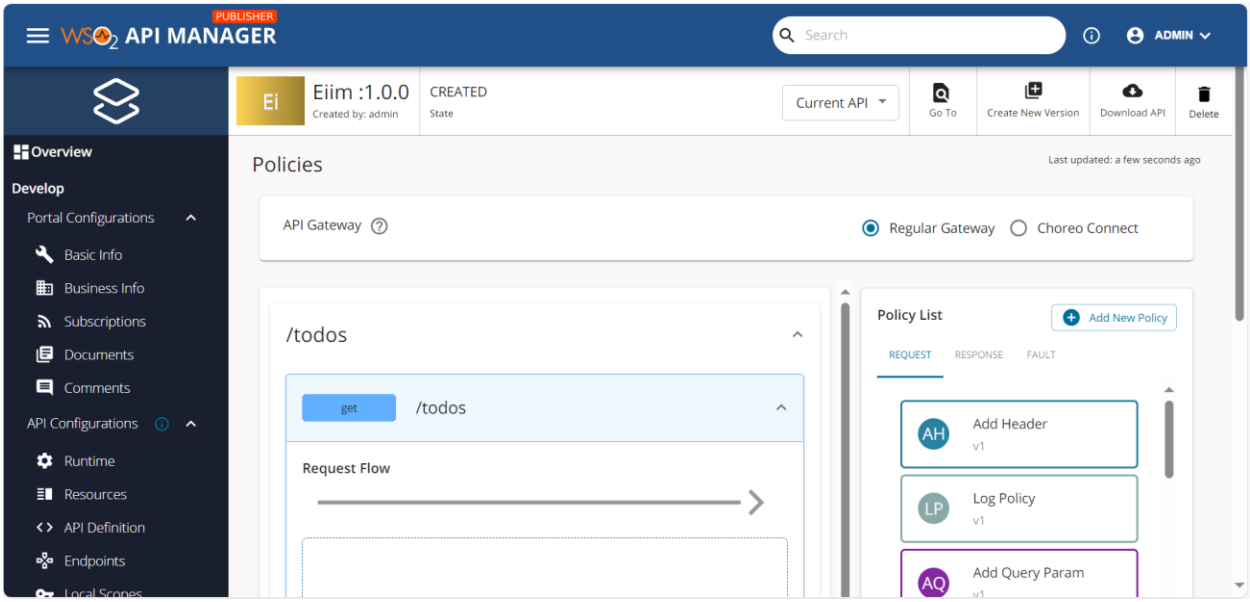
Step 7: Give the URL pattern where you want to access the data and select the HTTP Verb needed , I have given todos and created a GET method (Verb) for it



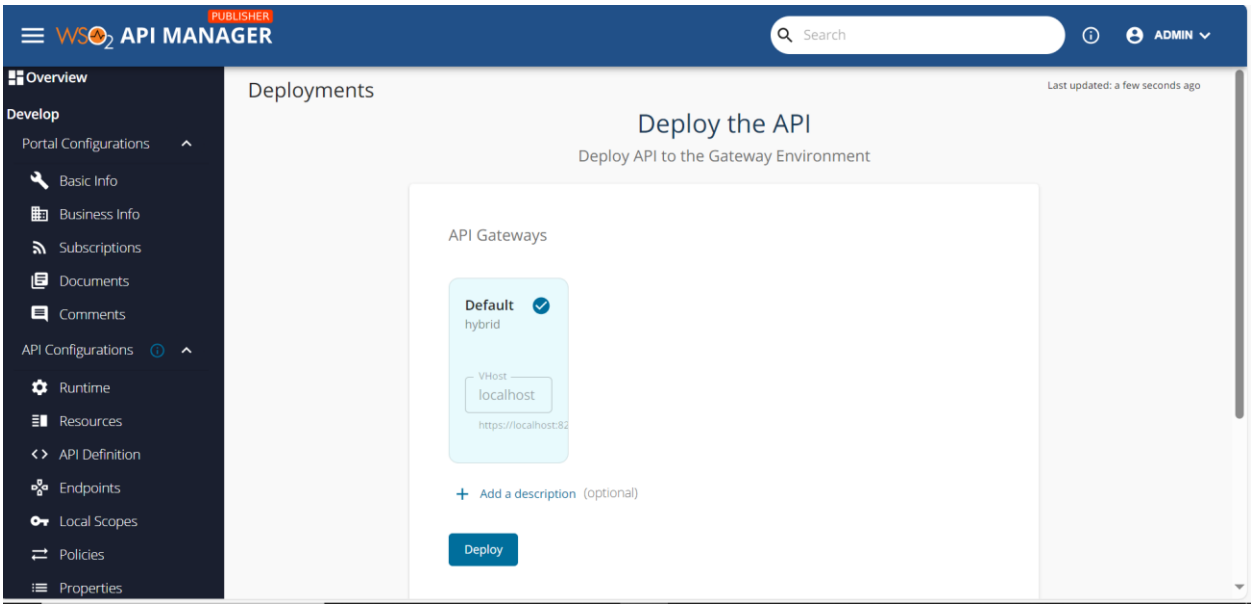
Step 8: Check the Endpoints What type of endpoint needed based on your requirement.



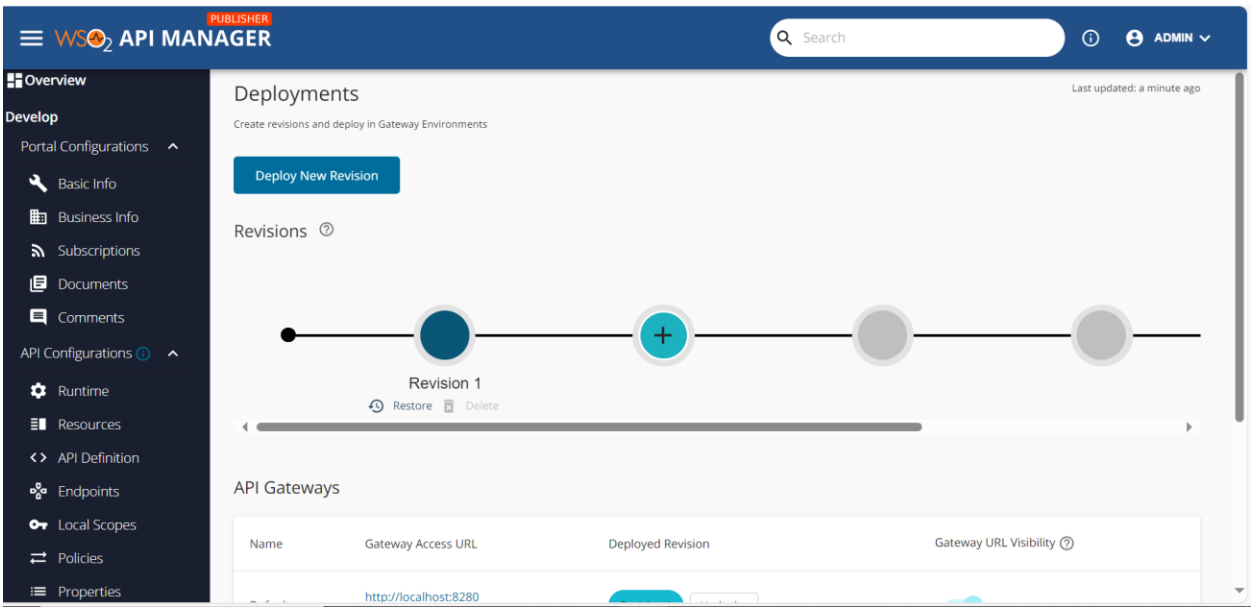
Step 9 : Check the policies.



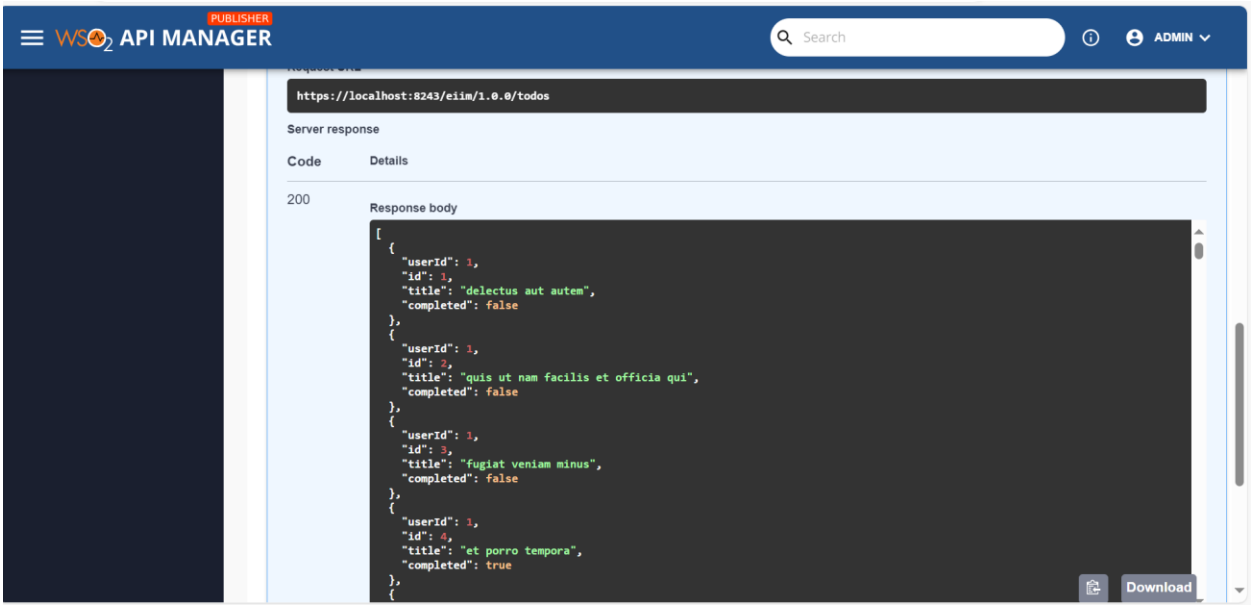
Step 10: Now you can deploy the API that you have designed and developed.



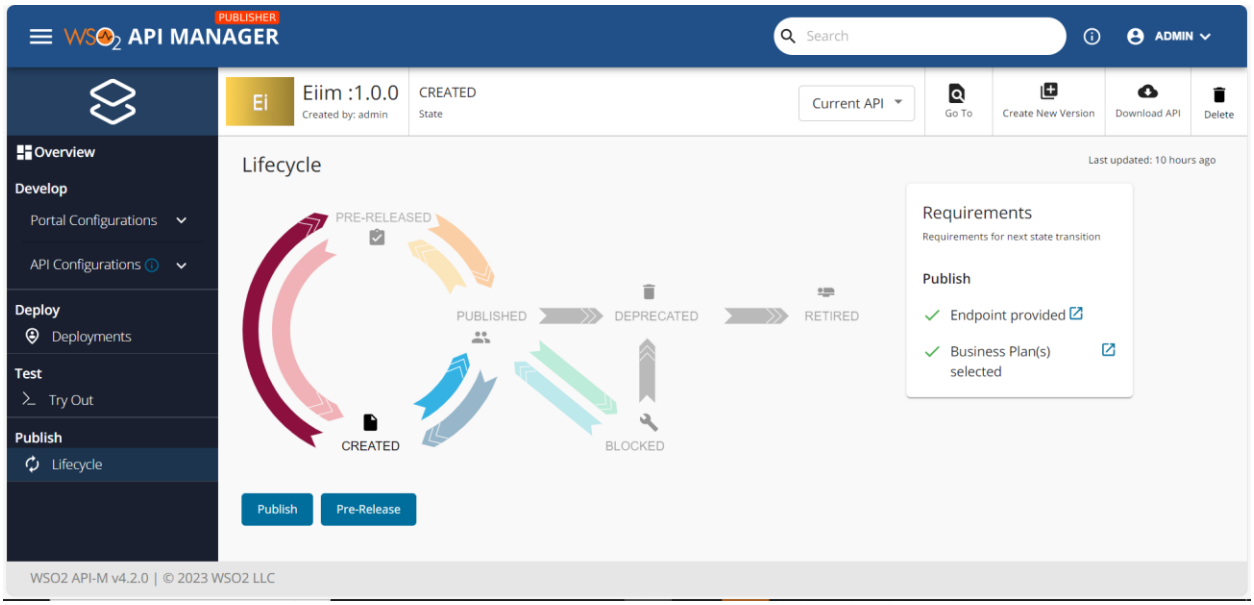
Step 11: You can deploy the API in revisions. (like after updated if u deploy u can give it revision 2).



Step 12 : Execute the GET request and See you will get response as status code 200 and OK.



Step 13 : Now publish your API.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API MANAGER
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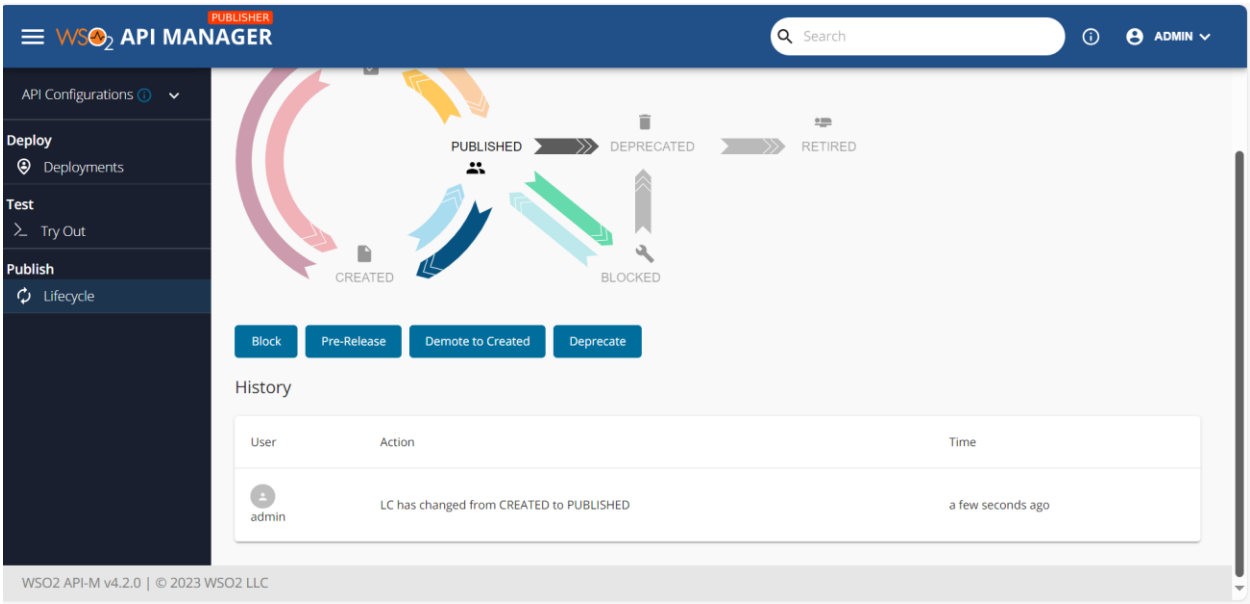
Go To
Create New Version
Download API
Delete
Overview
Develop
Portal Configurations
API Configurations
Deploy
Deployments
Test
Try Out
Publish
Lifecycle
Lifecycle
Last updated: 10 hours ago
PRE-RELEASED
PUBLISHED
DEPRECATED
RETIRED
CREATED
BLOCKED
Requirements
Requirements for next state transition
Publish
Endpoint provided
Business Plan(s) selected
Publish
Pre-Release
WSO2 API-M v4.2.0 | © 2023 WSO2 LLC


PUBLISHER
API MANAGER
Search
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API Configurations
Deploy
Deployments
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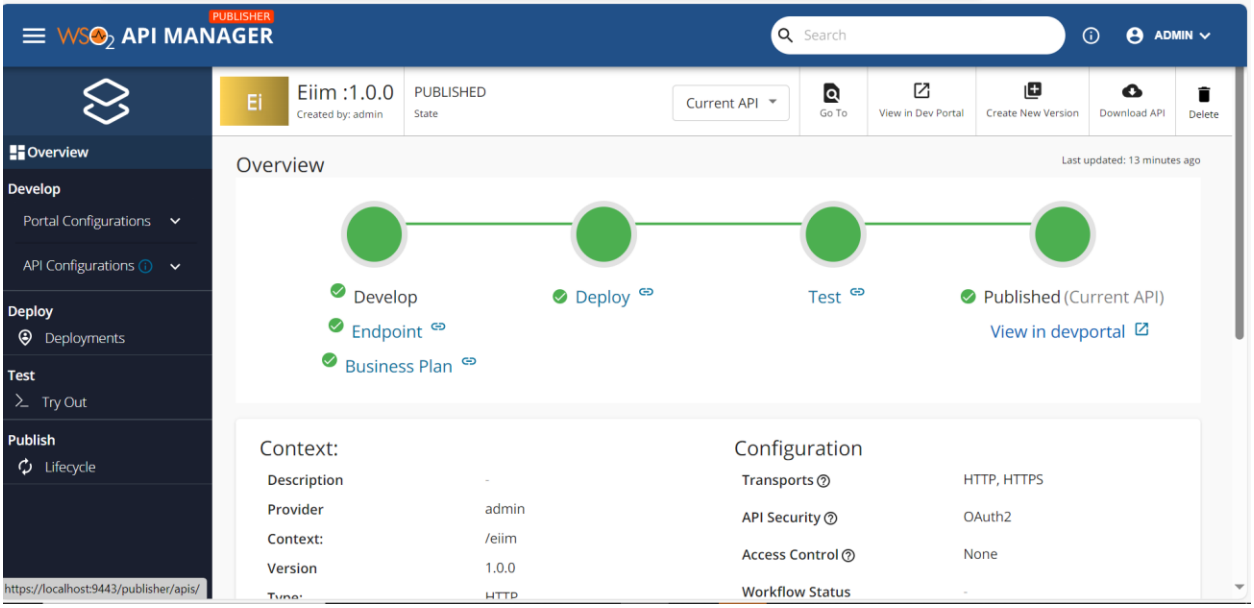
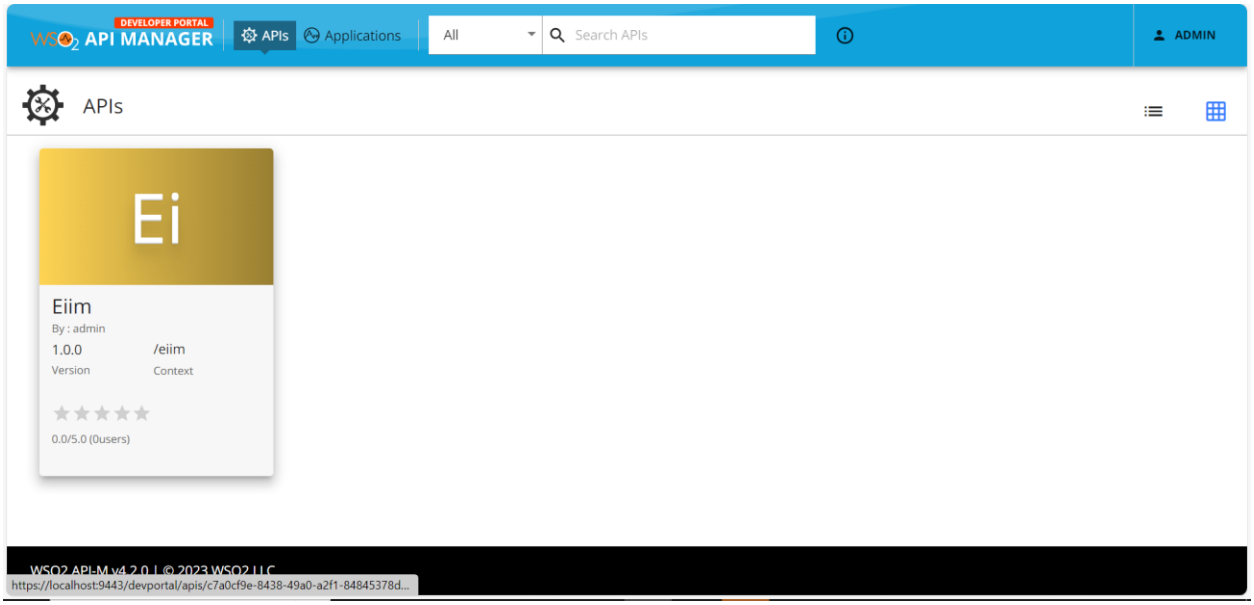
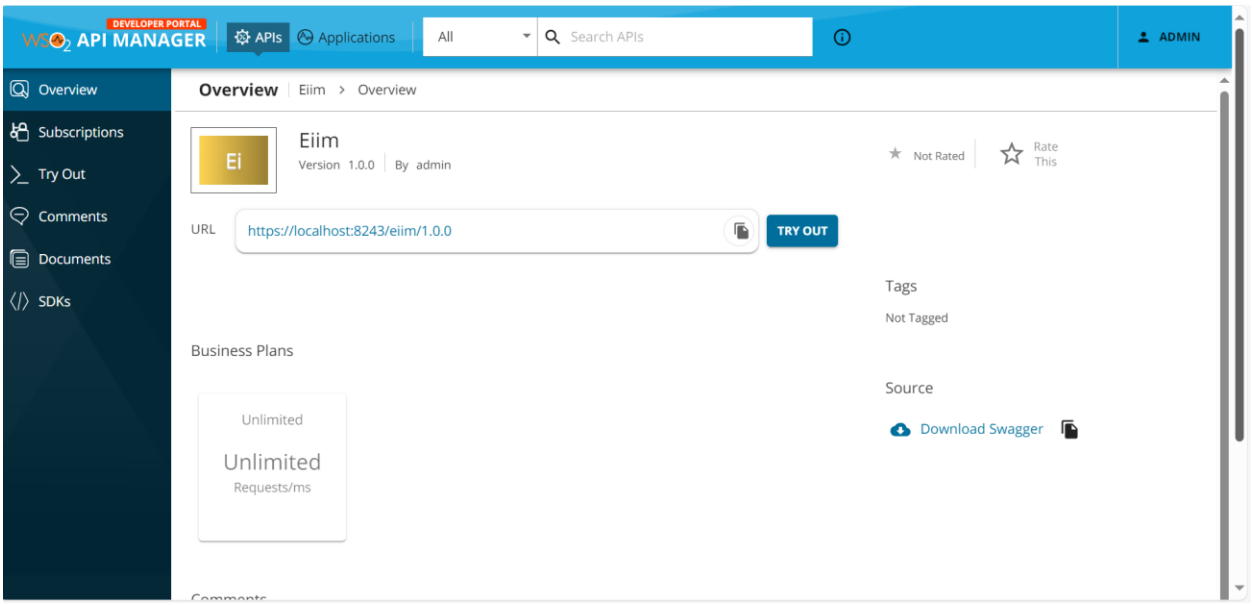
LC has changed from CREATED to PUBLISHED
a few seconds ago
WSO2 API-M v4.2.0 | © 2023 WSO2 LLC

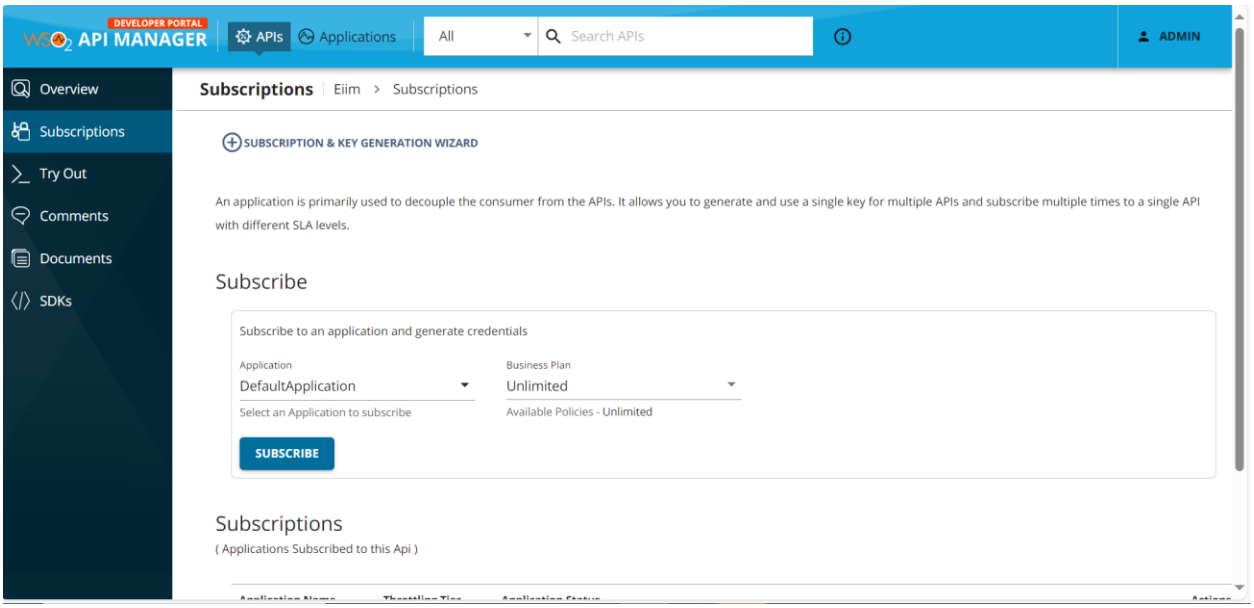


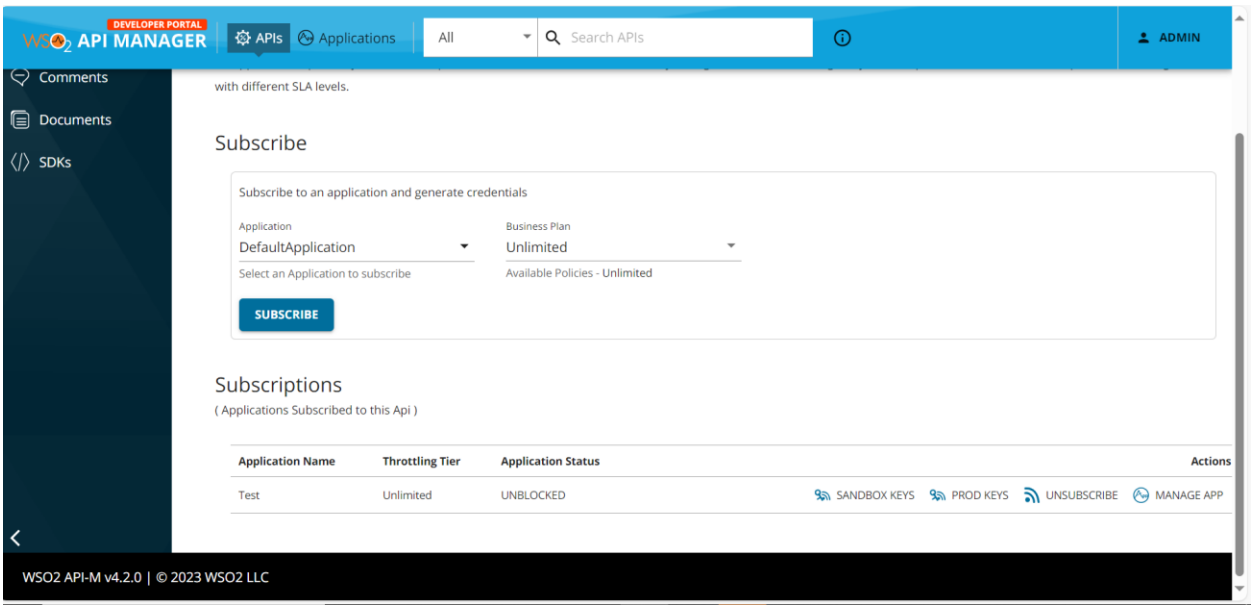
Step 14 : Now navigate to developer console and do subscription before using it.



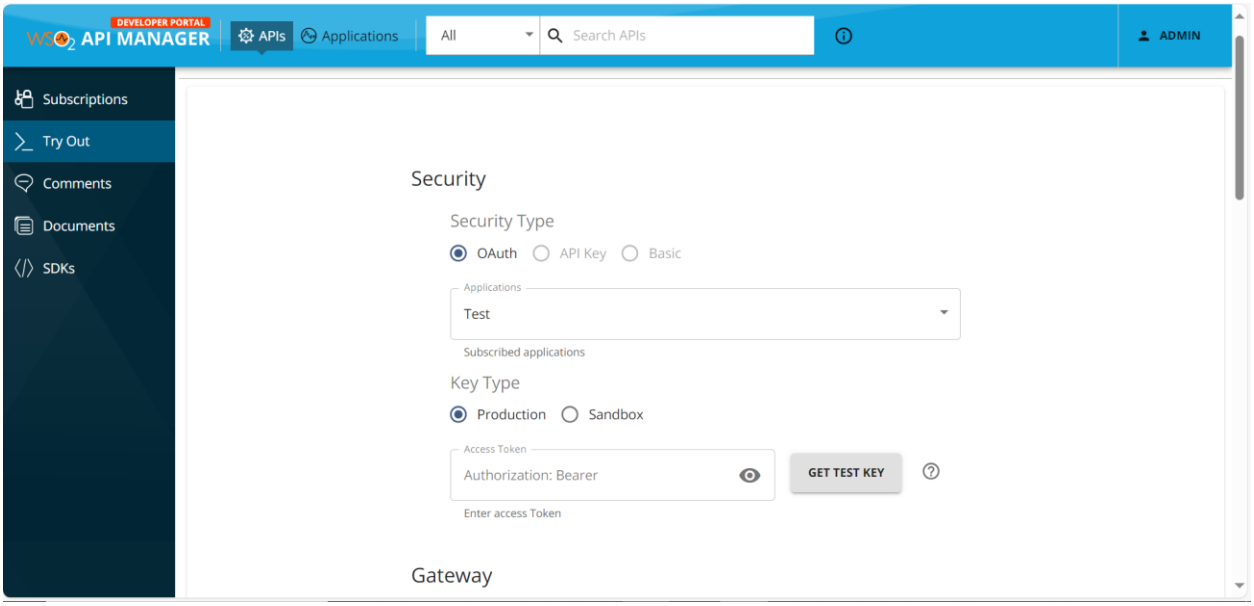


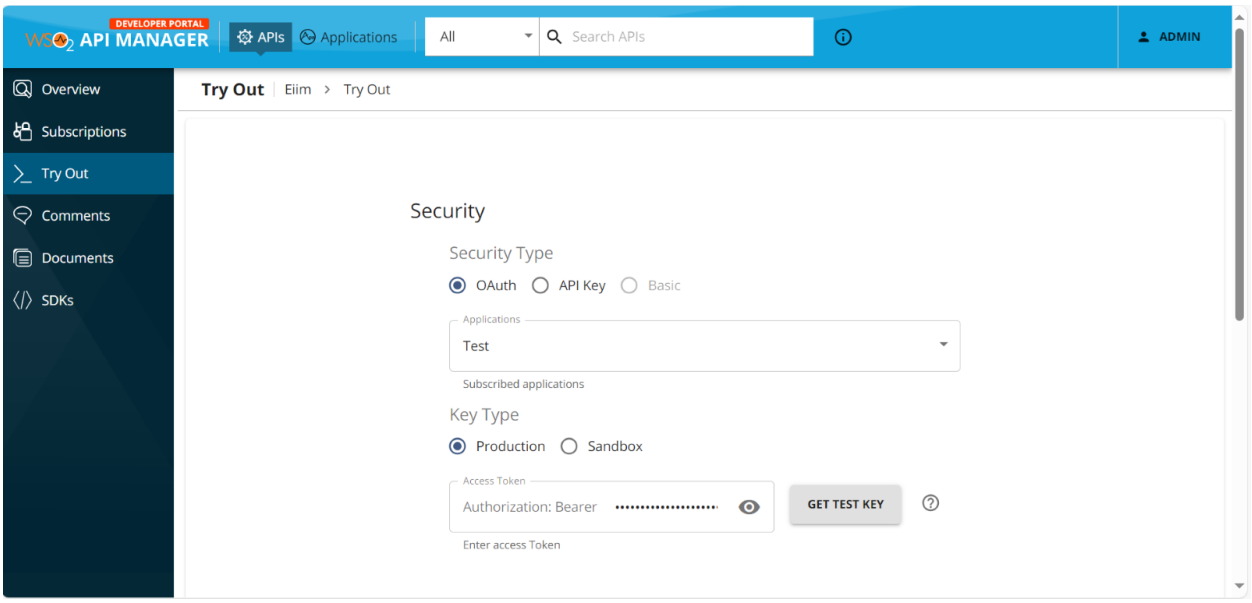
Step 15 : Copy the Auto generated Access Token.



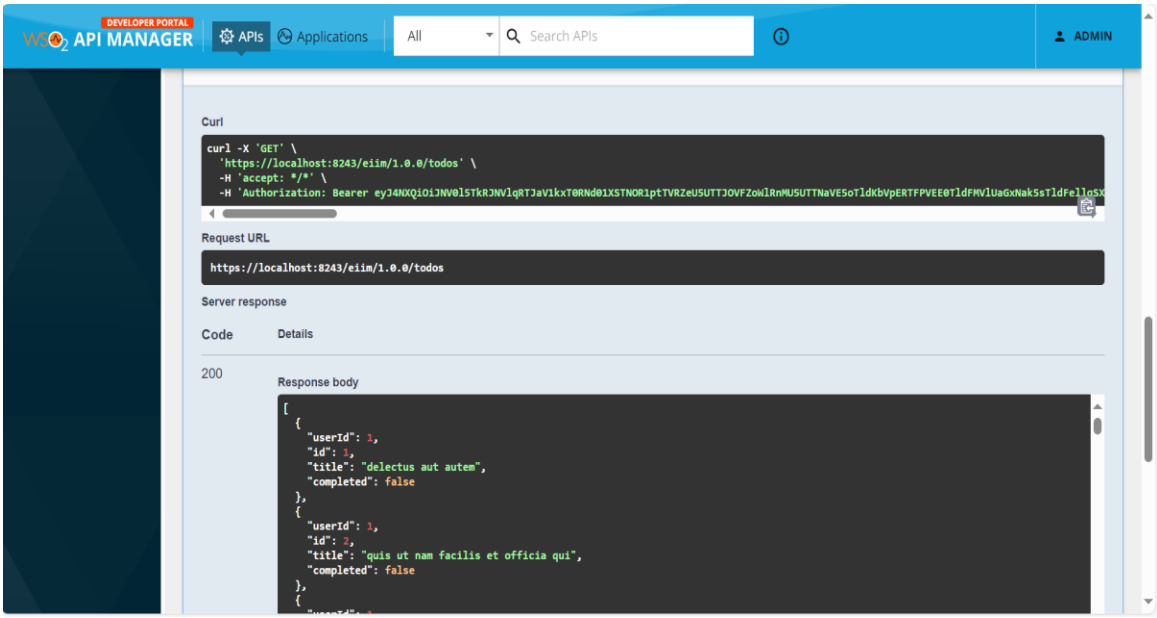
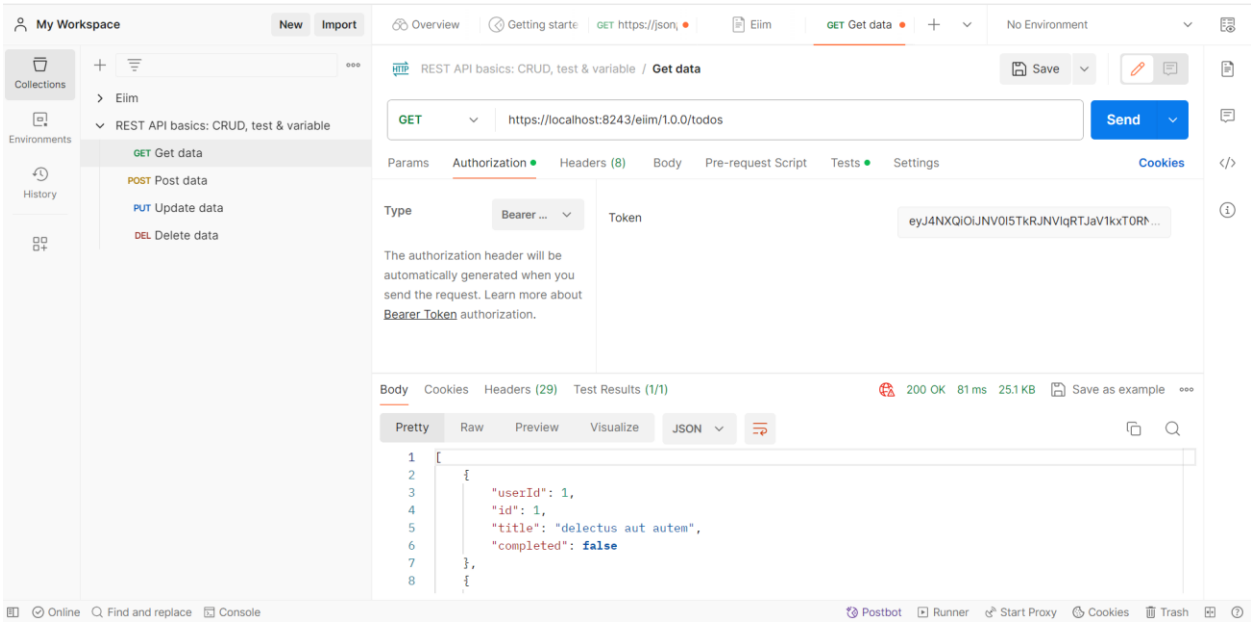


Step 16 : Now Tryout your Published API with get method





Step 17 : Now you will get the response and status code as 200 OK.



Step 18 : Make sure you have provided the access token and send the Request and you should get response