



# Create REST API from an OpenAPI Definition



API creation

API Manager 4.0.0

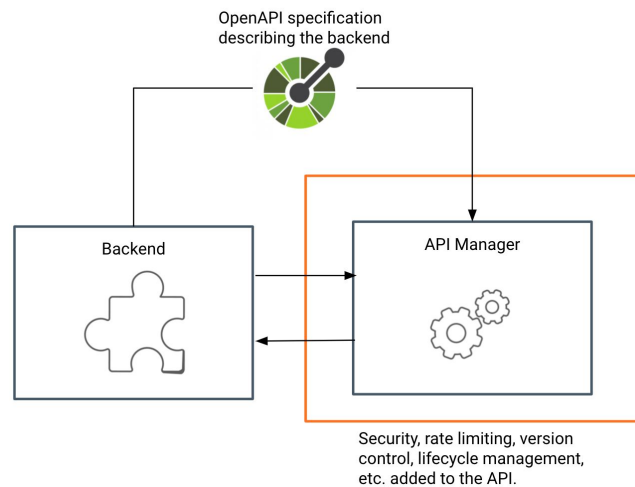
# User Story

## Use case

- **Coltrain railway company** has some internally managed APIs deployed in-house
- The “**Train schedule retrieval API**” is exposed to public
- Maintaining and handling the high load for the **Train schedule retrieval API**
- **Expects** lifecycle management, security, rate limiting and decouple the maintenance overhead from the internal teams

## Solution

- WS02 APIM allows to **import OAS definitions** and create the API using that





# Demo

# Steps

The steps to create an API from OpenAPI definition

- **Step 1:** Testing the backend
  - ⦿ curl "<http://localhost:8082/train-operations/v1/schedules>"
- **Step 2:** Expose the API through WSO2 API Manager
  - ⦿ **Username:** apiprovider@coltrain.com
  - ⦿ **Password:** user123

- **Step 3:** Remove authentication to the resource
- **Step 4:** Deploy the API in the Gateway
- **Step 5:** Test the API
- **Step 6:** Publish the API

**What's Next?**



## Next topic

- Scenario 2: Engage Access Control to the API



# Thanks!



wso2.com

