API Gateway REST API Setup – Documentation

1. Introduction

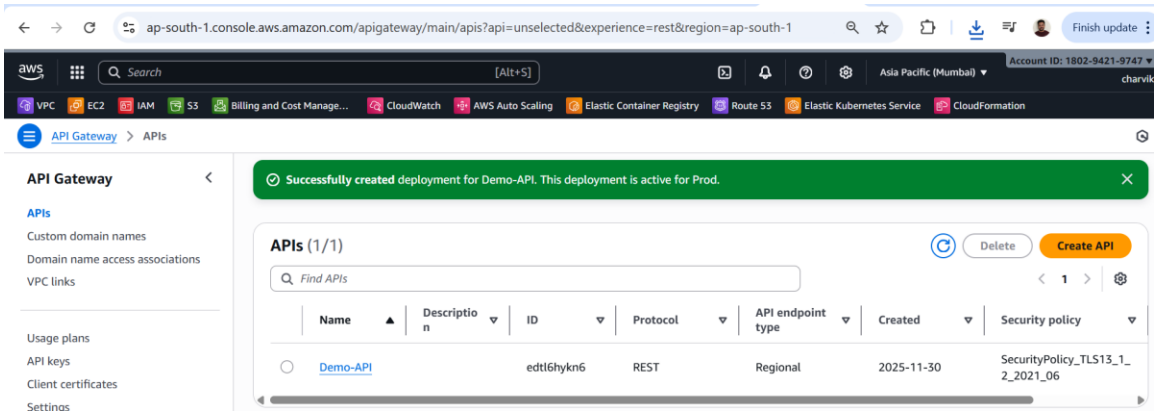
This document provides the step-by-step procedure for creating a REST API using Amazon API Gateway.

2. API Creation Steps

Follow the below steps to create the API and test it successfully.

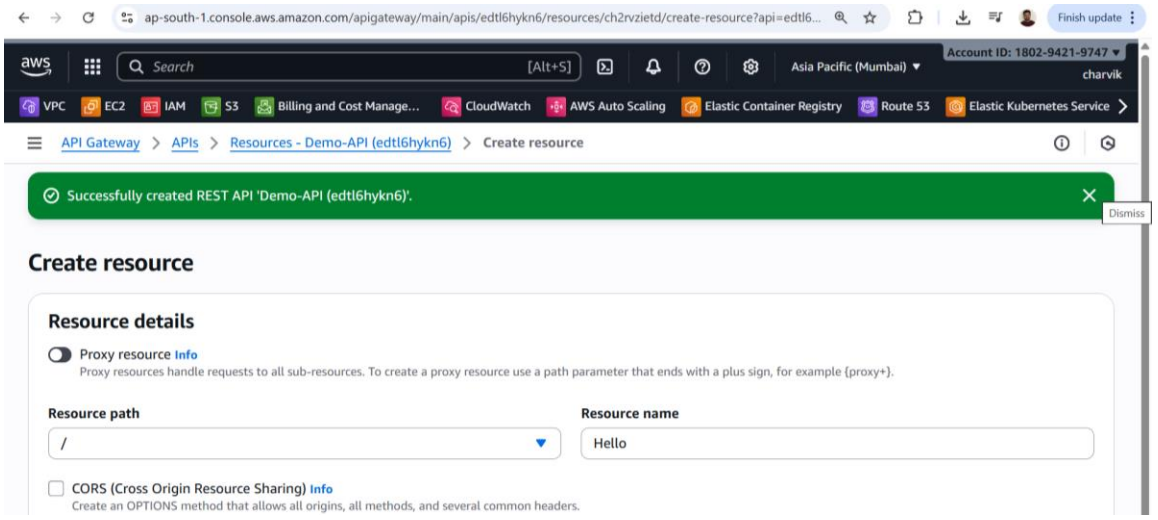
Step 1: Open API Gateway

Navigate to AWS Console → API Gateway → Create API.



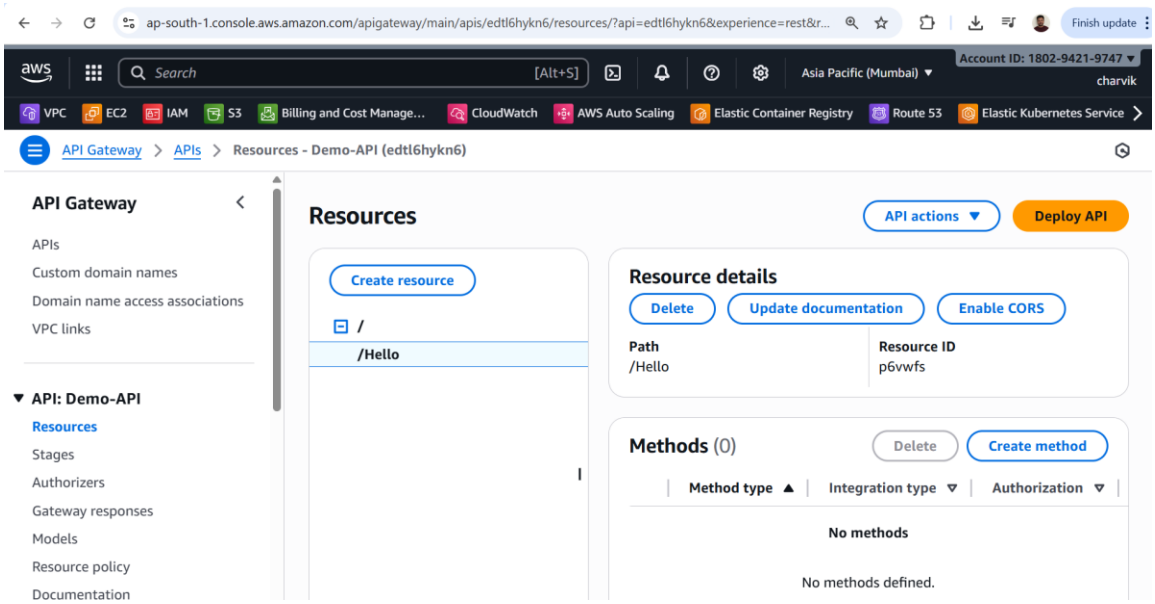
Step 2: Create REST API

Choose REST API → Build → Name: Demo-API → Create API.



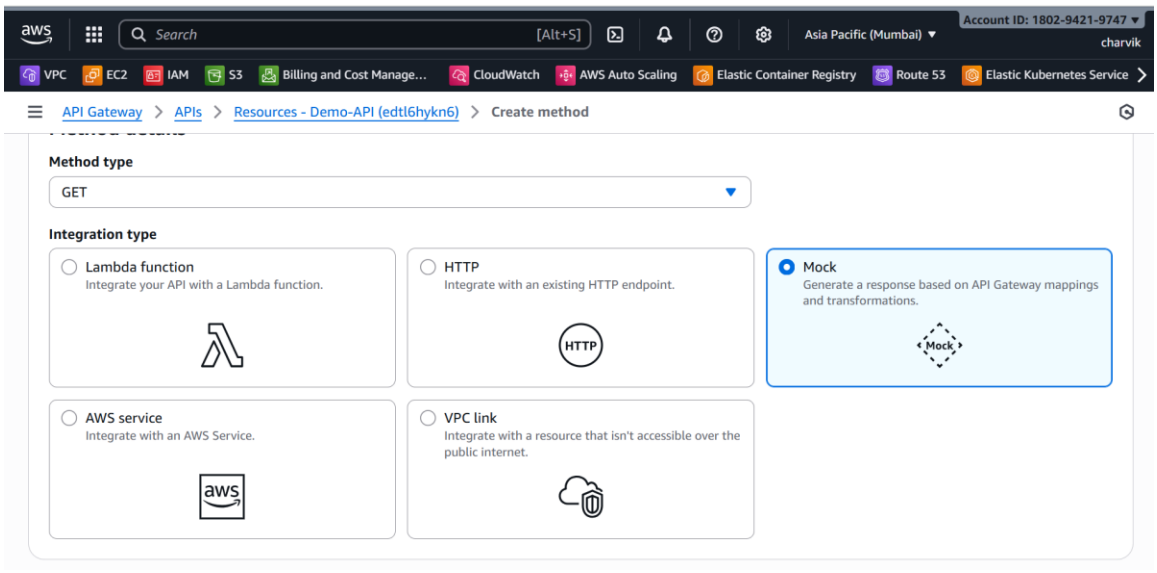
Step 3: Create Resource

Click Resources → Actions → Create Resource.
Resource Path: /hello
Resource Name: hello



Step 4: Create GET Method

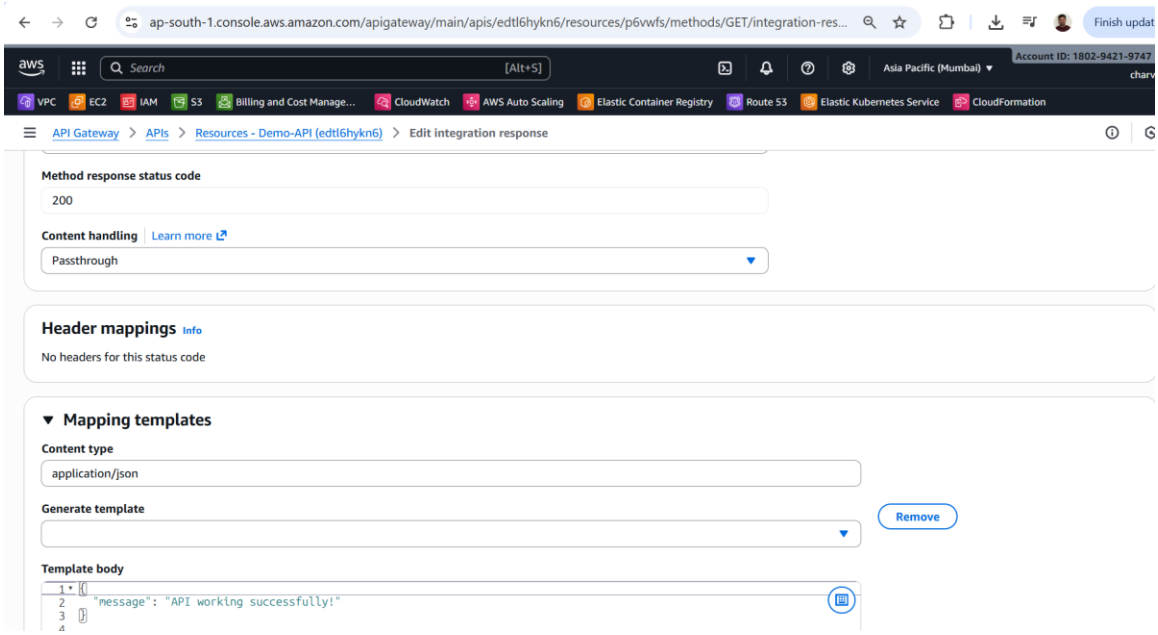
Under /hello → Actions → Create Method → Choose GET → Integration type: Mock.



Step 5: Configure Mock Integration Response

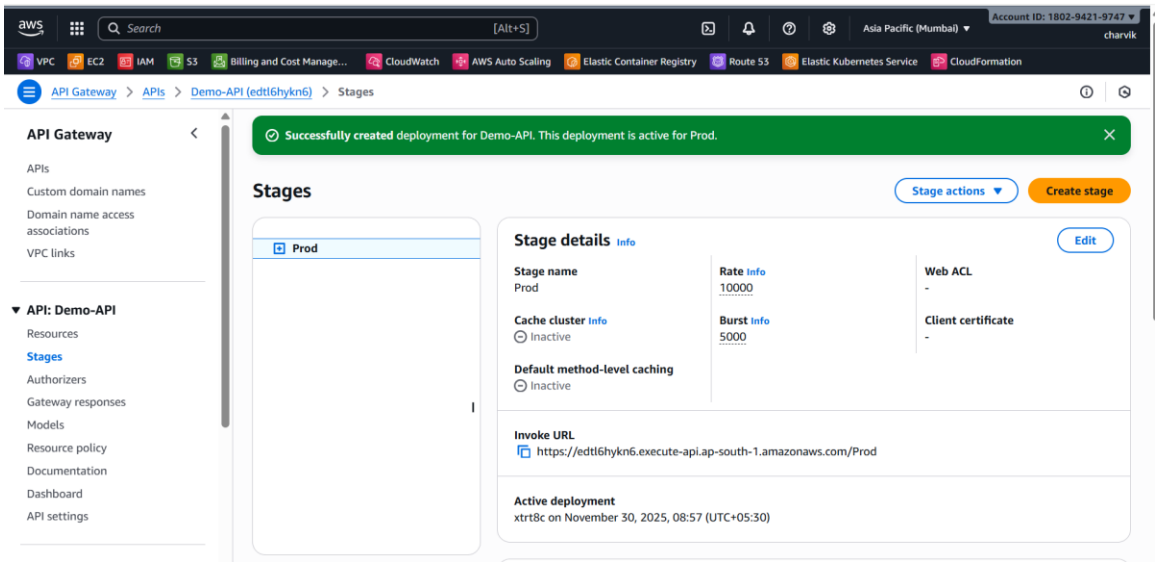
Set response body:

```
{
  "message": "API working successfully!"
}
```



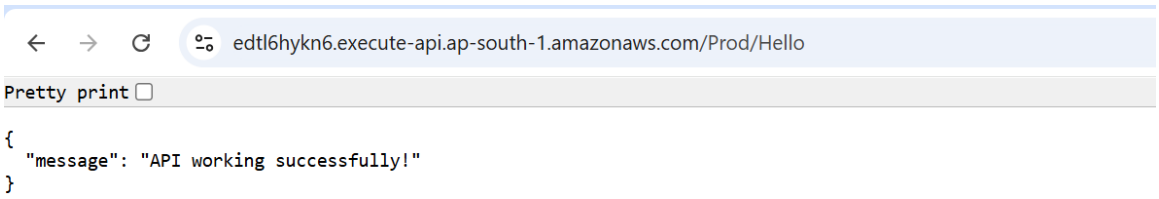
Step 6: Deploy the API

Actions → Deploy API → New Stage: prod.



Step 7: Test Invoke URL

Open browser and test:
https://<api-id>.execute-api.<region>.amazonaws.com/prod/Hello



Your API is now successfully created and returning the expected JSON response.