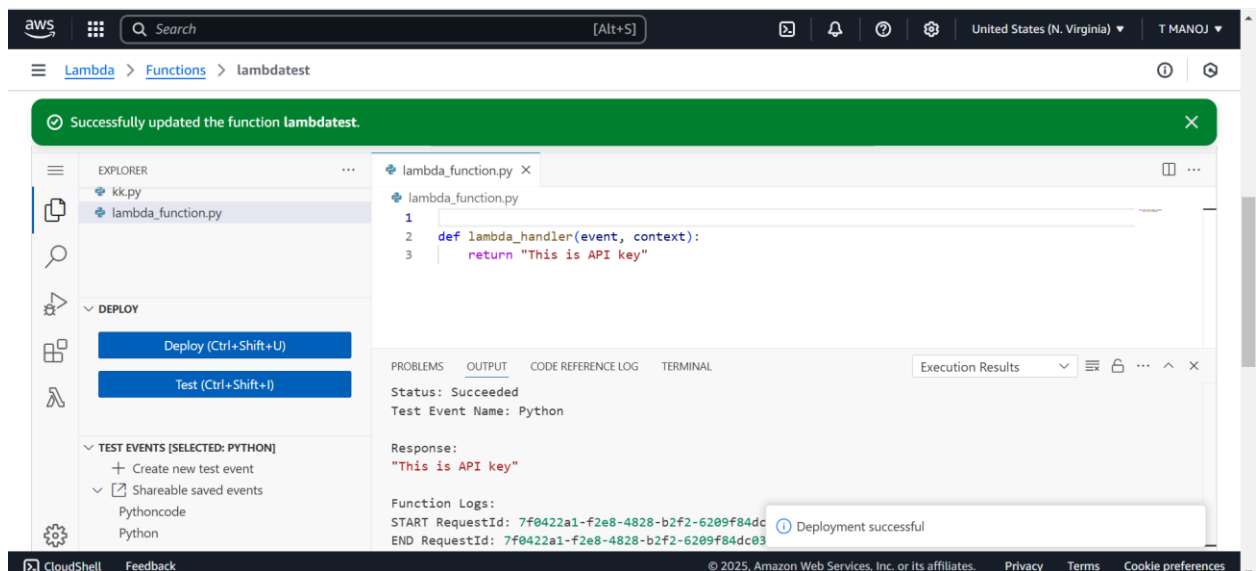


Steps to Connect AWS Lambda with REST API

Name : T MANOJ

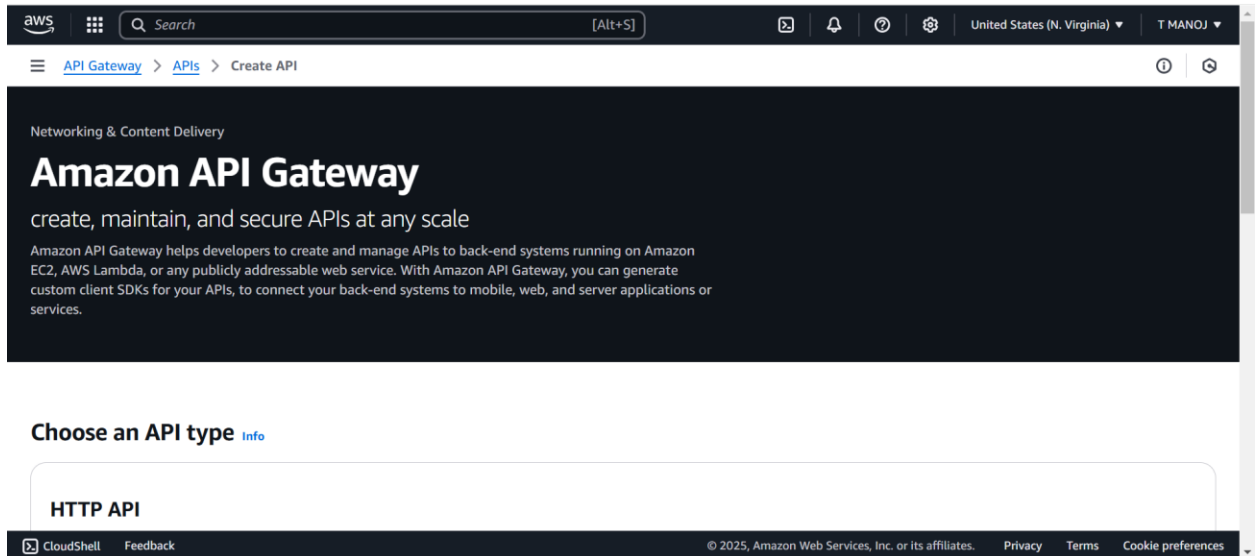
Step 1: Create an AWS Lambda Function

1. Go to AWS Lambda Console and click Create Function.
2. Choose Author from scratch, provide a function name, and select Python as the runtime.
3. Assign an execution role with permissions for API Gateway.
4. Write or upload the Python code for processing API requests.
5. Deploy the function.



Step 2: Create an API Gateway

1. Go to AWS API Gateway Console.
2. Click Create API and select REST API.
3. Choose New API, provide a name, and select Regional deployment.
4. Click Create API.



Step 3: Integrate API Gateway with Lambda

1. Under your API, click Create Resource and provide a resource name (e.g., /getData).
2. Click Create Method, select POST/GET, and click the checkmark.
3. Choose Lambda Function as the integration type.
4. Enter the Lambda function name and save.

The image shows two screenshots of the AWS Management Console. The top screenshot is the 'Create REST API' page. It has a breadcrumb trail: API Gateway > APIs > Create API > Create REST API. The 'API details' section has three radio buttons: 'New API' (selected), 'Import API', and 'Example API'. The 'API name' field contains 'MyApi' and the 'Description - optional' field contains 'RestAPI using the Lambda Function'. The bottom screenshot is the 'Create method' page. It has a breadcrumb trail: API Gateway > APIs > Resources - MyApi (mnhzgj6k90) > Create method. The 'Method details' section has a 'Method type' dropdown set to 'GET'. Under 'Integration type', there are five radio buttons: 'Lambda function' (selected), 'HTTP', 'Mock', 'AWS service', and 'VPC link'. Each option has a corresponding icon (Lambda, HTTP, Mock, AWS, and VPC link respectively).

Create REST API [Info](#)

API details

☒ **New API**
Create a new REST API.

☐ **Import API**
Import an API from an OpenAPI definition.

☐ **Clone existing API**
Create a copy of an API in this AWS account.

☐ **Example API**
Learn about API Gateway with an example API.

API name
MyApi

Description - optional
RestAPI using the Lambda Function

Create method

Method details

Method type
GET

Integration type

☒ **Lambda function**
Integrate your API with a Lambda function.

☐ **HTTP**
Integrate with an existing HTTP endpoint.

☐ **Mock**
Generate a response based on API Gateway mappings and transformations.

☐ **AWS service**
Integrate with an AWS Service.

☐ **VPC link**
Integrate with a resource that isn't accessible over the public internet.

Step 4: Deploy the API

1. Click Deploy API under Actions.
2. Create a new stage (e.g., dev).
3. Copy the Invoke URL for testing.

API actions ▼

Deploy API

Update documentation

Enable CORS

Resource ID
gw2t2bq8e8

Deploy API



Create or select a stage where your API will be deployed. You can use the deployment history to revert or change the active deployment for a stage. [Learn more](#)

Stage

New stage



Stage name

API



A new stage will be created with the default settings. Edit your stage settings on the **Stage** page.

Deployment description

API KEY

Cancel

Deploy