

aws workshop studio

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The Amazon API Gateway Workshop

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Set up your AWS SAM Project Build AWS Mock Integration with AWS SAM and OpenAPI

Test Integration

- N LITTO Integration
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- AWS Step Functions
- Amazon SQS
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- Module 4 Observability in API Gateway
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- Module 6 Enable fine-grained access control for your APIs
 Clean up

Resources

The Amazon API Gateway Workshop > Module 3 - API Gateway REST Integrations > Mock > Test Integration

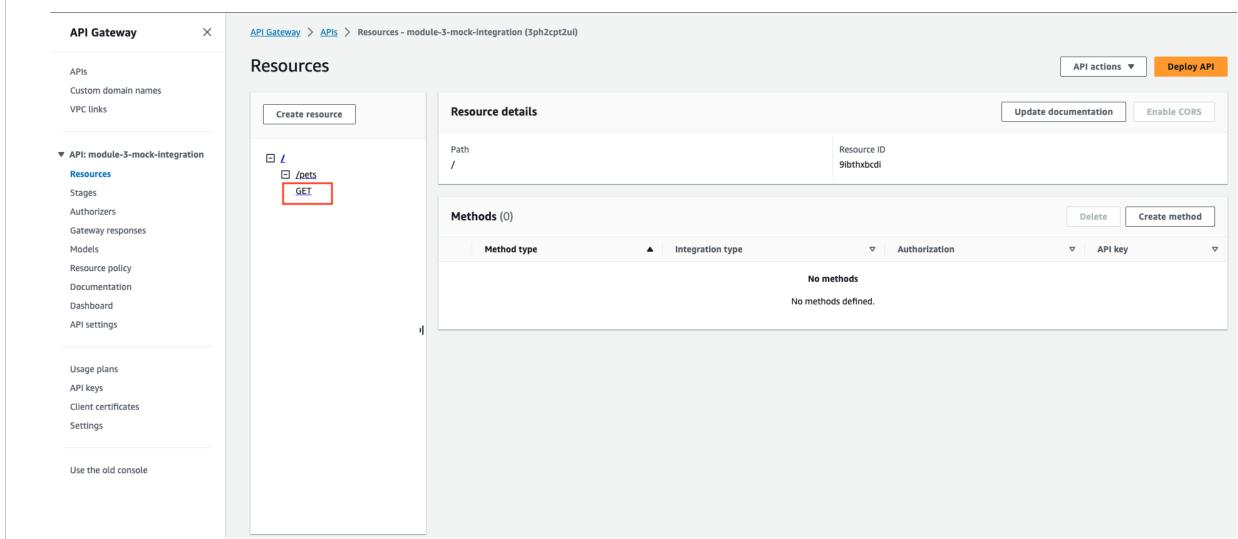
Test Integration

Testing the project

After you create your API Gateway REST API with Mock integration, you can test the API Gateway.

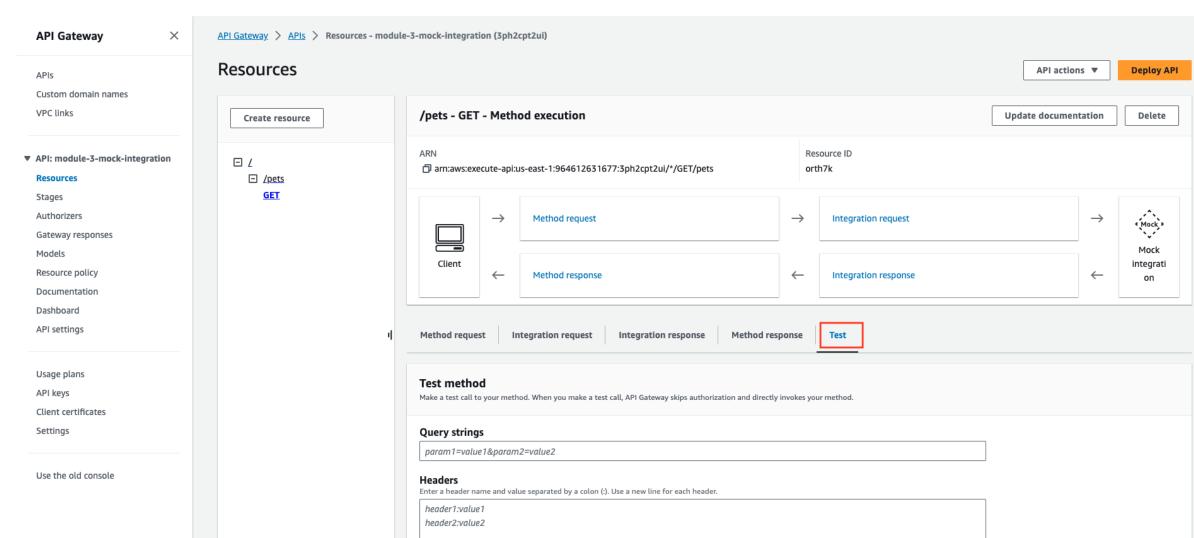
Test the deployed API Gateway using API Gateway console

- 1. Open the Amazon API Gateway console and sign in.
- 2. Choose your REST API named, module-3-mock-integration.
- 3. In the **Resources** pane, you can select the method you want to test. Click on the GET method.

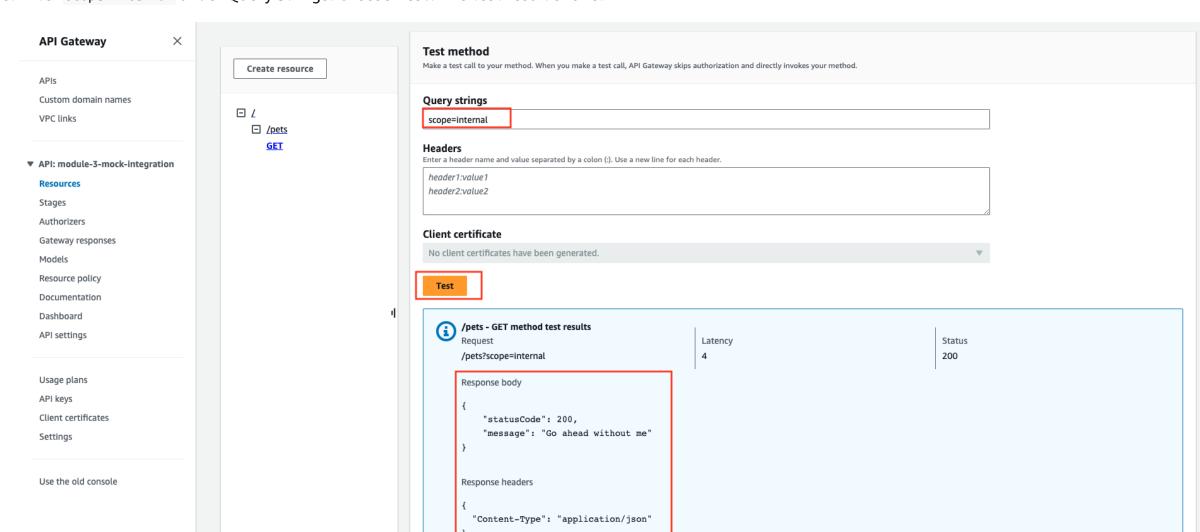


(3)

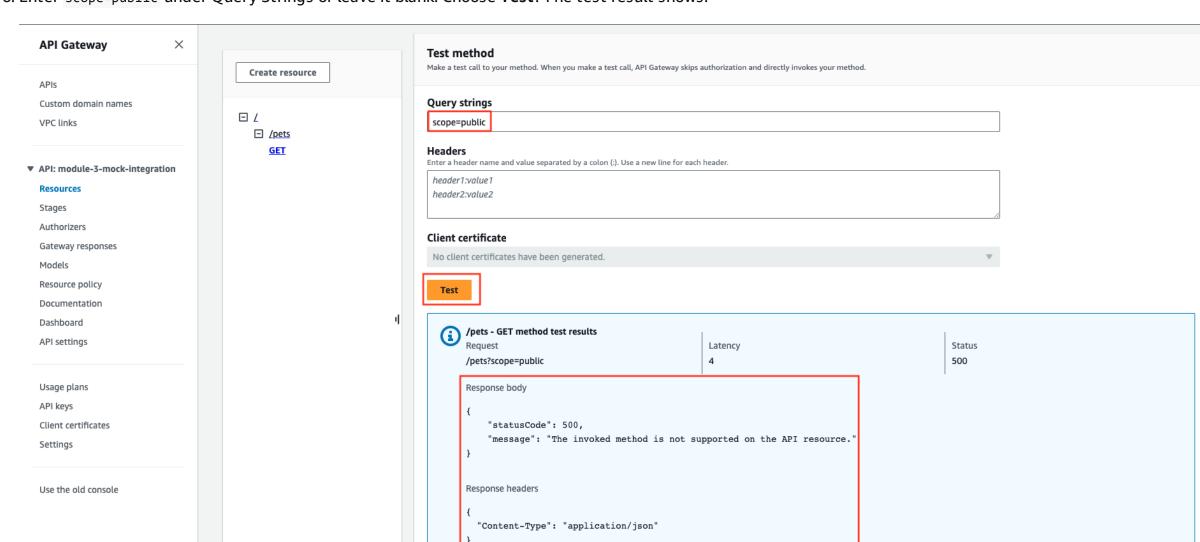
4. In the **Method Execution** pane, in the **Client** box, choose **TEST**.



5. Enter scope=internal under Query Strings. Choose **Test**. The test result shows:



6. Enter scope=public under Query Strings or leave it blank. Choose **Test**. The test result shows:



You can also return headers in a mock integration response by first adding a header to the method response and then setting up a header mapping in the integration response. In fact, this is how the API Gateway console enables CORS support by returning CORS required headers.

Test the deployed API using cURL

- Open a new terminal window in your AWS Cloud9 environment.
- Copy the following cURL command and paste it into the terminal window, replacing <api-id> with your API ID and <region> with the region where your API is deployed. You may have copied this URL in from the CloudFormation output in the last step. You can also find the full invoke URL in the API Gateway console by navigating to **Stages > dev**.

```
curl -X GET \
   'https://<api-id>.execute-api.<region>.amazonaws.com/dev/pets' \
   -G -d 'scope=internal'
```

The **Response Body** output should be:

advertising. To accept or decline all non-essential cookies, choose "Accept" or "Decline." To make more detailed choices, choose "Customize."

```
1 {
2 "statusCode": 200,
3 "message": "Go ahead without me"
4 }
```

Select your cookie preferences

Accept