

DevOps -2022-b-online

BY
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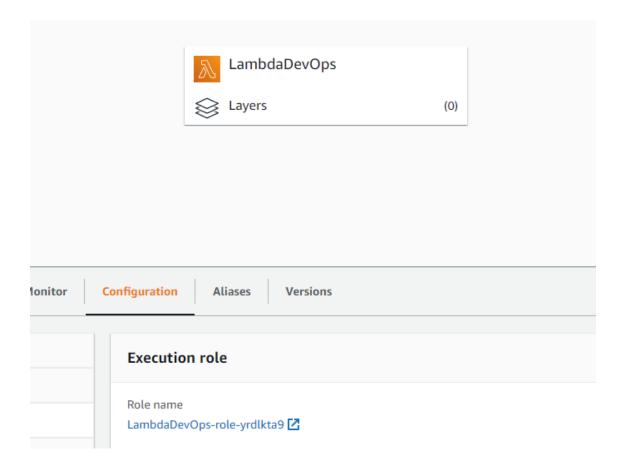
Creating function

• Name: LambdaDevOps

• Runtime: Python 3.8

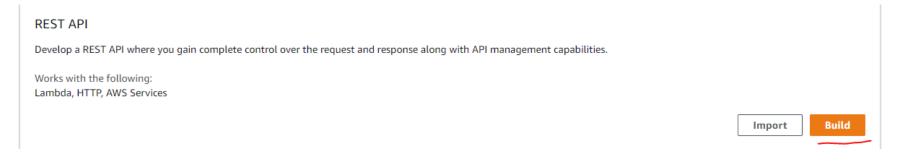
• Role: Create a new role with basic Lambda permissions

Click 'Create function'



• Create a REST regional API "LambdaDevOps" API

* Required



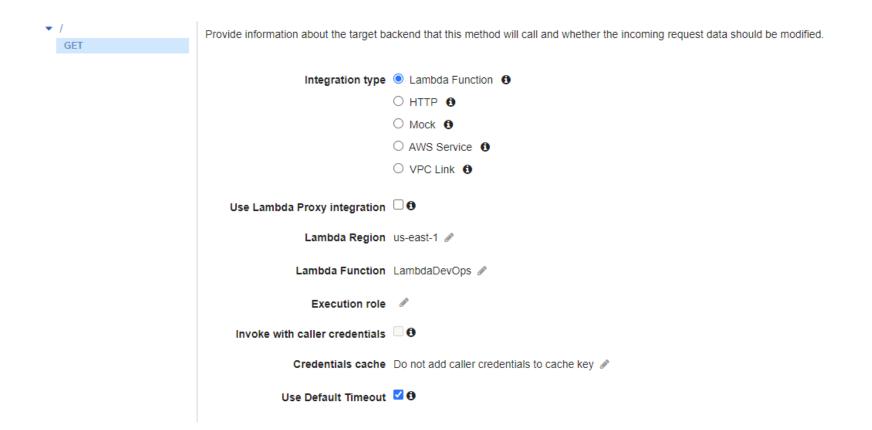
Choose the protocol				
Select whether you would like to create a	REST API or a WebSocket API.			
REST ○ W	/ebSocket			
Create new API				
In Amazon API Gateway, a REST API refe	ers to a collection of resources and methods	s that can be invoked through HTTPS endpoints.		
New API	Import from Swagger or Open API 3	○ Example API		
Settings				
Choose a friendly name and description for	or your API.			
API name*	LambdaDevOps			
Description				
Endpoint Type	Regional	$oldsymbol{\Theta}$		

Create API

Create get method /get-LambdaDevOps

Lambda Proxy integration: Leave blank

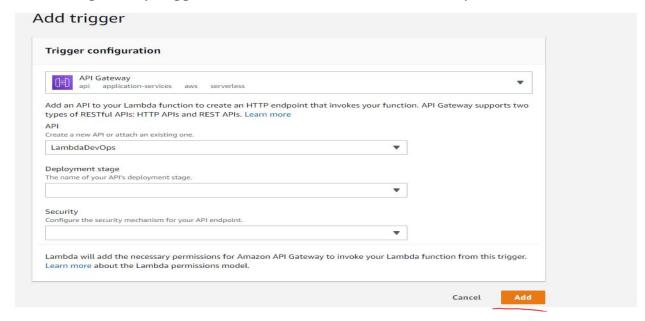
• Region: us-east-1



Run the Lambda DevOps topics code in lambda.



Attach API gateway trigger for the function and show the response.





Path

No path parameters exist for this resource. You can define path parameters by using the syntax {myPathParam} in a resource path.

Query Strings

No query string parameters exist for this method. You can add them via Method Request.

Headers

No header parameters exist for this method. You can add them via Method Request.

Stage Variables

No ☑stage variables exist for this method.

Request Body

Request Body is not supported for GET methods.

```
Request: /
Status: 200
```

Latency: 24 ms

Response Body

```
{
  "statusCode": 200,
  "body": "[\"ansible\", \"jenkins\", \"docker\", \"k8s\"]",
  "headers": {
    "Content-Type": "application/json"
  }
}
```

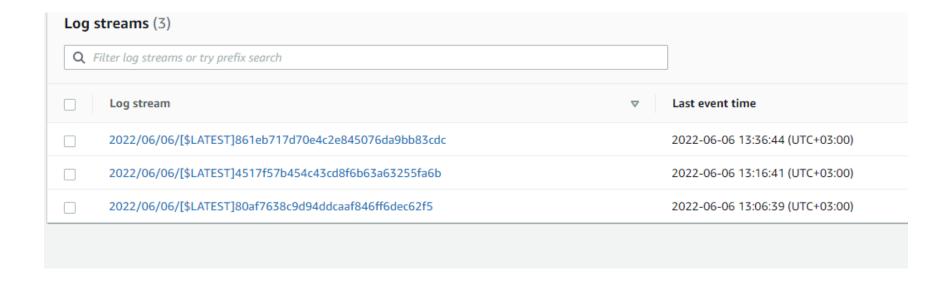
Response Headers

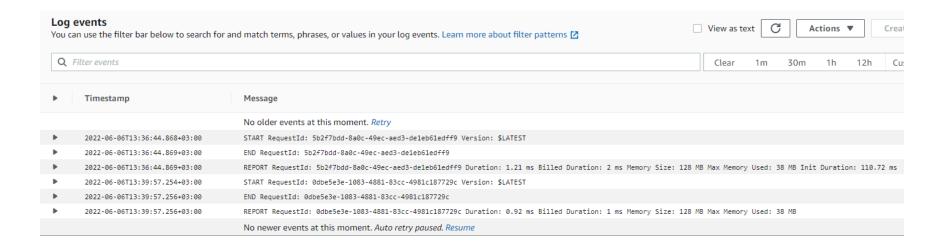
```
{"Content-Type":["application/json"],"X-Amzn-Trace-Id":["Root=1-629dd97d-b45274eac6ec4e90ca176faa;Sampled=0"]}
```

Logs

```
Execution log for request f3871694-6c9c-459d-ace7-2d55fc6839a7
Mon Jun 06 10:39:57 UTC 2022 : Starting execution for request: f3871694-6c9c-459d-ace7-2d55fc6839a7
Mon Jun 06 10:39:57 UTC 2022 : HTTP Method: GET, Resource Path: /
Mon Jun 06 10:39:57 UTC 2022 : Method request path: {}
Mon Jun 06 10:39:57 UTC 2022 : Method request query string: {}
Mon Jun 06 10:39:57 UTC 2022 : Method request headers: {}
Mon Jun 06 10:39:57 UTC 2022 : Method request body before transformations:
Mon Jun 06 10:39:57 UTC 2022 : Endpoint request URI: https://lambda.us-east-1.amazonaws.com/2015-03-31/functions/arn:aws:lambda:us-east-1:96486621322
9:function:LambdaDevOps/invocations
X-Amz-Date=20220606T103957Z, \ x-amzn-apigateway-api-id=weqsgcmccg, \ X-Amz-Source-Arn=arn: aws: execute-api: us-east-1:964866213229: weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invoke-api-id=weqsgcmccg/test-invo
stage/GET/, Accept=application/json, User-Agent=AmazonAPIGateway_weqsgcmccg, X-Amz-Security-Token=IQoJb3JpZ2luX2VjEML//////wEaCXVzLWVhc3QtMSJIMEY
\label{localization} CIQDJDRV+Kr@rnn+e@um/YifIvbS3h2n22523pFnGXGMbTgIhAPQDXQq9hPY7Xftf52rN7riKs6fxnmRBATXkD+bbvDqmKtwECLv/////wEQABoMMzkyMjIwNTc2NjUwIgxnIZfhEGw2qUFO\\
SeoqsAShnfBewk2Qxambdep0jMLkYPp0kg4HPA1+yqDKpfRah4qKDrNRYpj6Duv7mPzP0aS0ul3Ufes6wC/b0aG1AGjd6Bknx5L5re2leDgU6mcl5lJTo5TNCKKw/w/e+LP1l8crby7viPN8/gTDS
o3gvOv1z/U93 [TRUNCATED]
Mon Jun 06 10:39:57 UTC 2022 : Endpoint request body after transformations:
Mon Jun 06 10:39:57 UTC 2022 : Sending request to https://lambda.us-east-1.amazonaws.com/2015-03-31/functions/arn:aws:lambda:us-east-1:964866213229:f
unction:LambdaDevOps/invocations
Mon Jun 06 10:39:57 UTC 2022 : Received response. Status: 200, Integration latency: 19 ms
Mon Jun 06 10:39:57 UTC 2022 : Endpoint response headers: {Date=Mon, 06 Jun 2022 10:39:57 GMT, Content-Type=application/json, Content-Length=127, Con
nection=keep-alive, x-amzn-RequestId=0dbe5e3e-1083-4881-83cc-4981c187729c, x-amzn-Remapped-Content-Length=0, X-Amz-Executed-Version=$LATEST, X-Amzn-T
race-Id=root=1-629dd97d-b45274eac6ec4e90ca176faa;sampled=0}
Mon Jun 06 10:39:57 UTC 2022 : Endpoint response body before transformations: {"statusCode": 200, "body": "[\"ansible\", \"jenkins\", \"docker\", \"k
8s\"l", "headers": {"Content-Type": "application/ison"}}
Mon Jun 06 10:39:57 UTC 2022 : Method response body after transformations: {"statusCode": 200, "body": "[\"ansible\", \"jenkins\", \"docker\", \"k8s
\"]", "headers": {"Content-Type": "application/json"}}
Mon Jun 06 10:39:57 UTC 2022 : Method response headers: {X-Amzn-Trace-Id=Root=1-629dd97d-b45274eac6ec4e90ca176faa;Sampled=0, Content-Type=applicatio
n/json}
Mon Jun 06 10:39:57 UTC 2022 : Successfully completed execution
Mon Jun 06 10:39:57 UTC 2022 : Method completed with status: 200
```

Using cloudwatch show the logs.





NO other events at this moment, $\pi e \mu y$

•	2022-06-06T13:16:41.262+03:00	START RequestId: a8f0d610-36cd-4f19-a3df-33985d9ea524 Version: \$LATEST
•	2022-06-06T13:16:41.267+03:00	END RequestId: a8f0d610-36cd-4f19-a3df-33985d9ea524
•	2022-06-06T13:16:41.267+03:00	REPORT RequestId: a8f0d610-36cd-4f19-a3df-33985d9ea524 Duration: 1.21 ms Billed Duration: 2 ms Memory Size: 128 MB Max Memory Used: 38 MB Init Duration: 120.19 ms
•	2022-06-06T13:20:29.948+03:00	START RequestId: 433669da-8caa-44ea-91c5-ef9b9e84edb7 Version: \$LATEST
•	2022-06-06T13:20:29.951+03:00	END RequestId: 433669da-8caa-44ea-91c5-ef9b9e84edb7
•	2022-06-06T13:20:29.951+03:00	REPORT RequestId: 433669da-8caa-44ea-91c5-ef9b9e84edb7 Duration: 1.12 ms Billed Duration: 2 ms Memory Size: 128 MB Max Memory Used: 38 MB