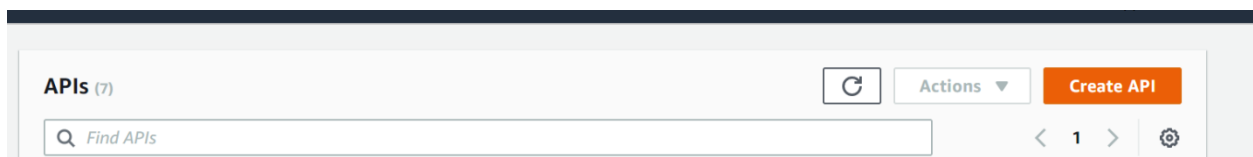
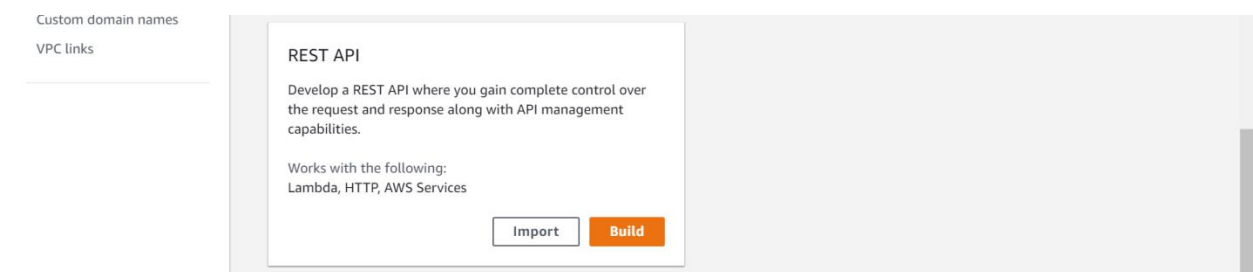


Steps to create API for a lambda function

1. Login to your AWS console.
2. Go to Services -> API Gateway
3. Click Create API button



4. Choose REST API and click Build



5. Provide API Name, leave other settings unchanged and click Create API

APIs

Custom Domain Names

VPC Links

Choose the protocol

Select whether you would like to create a REST API or a WebSocket API.

☒ REST ☐ WebSocket

Create new API

In Amazon API Gateway, a REST API refers to a collection of resources and methods that can be invoked through HTTPS endpoints.

☒ New API ☐ Clone from existing API ☐ Import from Swagger or Open API 3 ☐ Example API

Settings

Choose a friendly name and description for your API.

API name*

Description

Endpoint Type

* Required

Create API

6. Once you create REST API, you land to create methods page where you have to define HTTP Methods to call lambda function

APIs

Custom Domain Names

VPC Links

API: api_get_all_re...

Resources

Actions

/ Methods

No methods defined for the resource.

7. Go to Actions -> Create Method, from Drop down select appropriate method and click check sign. I am choosing GET as I am only fetching all region names for now

APIs

Custom Domain Names

VPC Links

API: api_get_all_re...

Resources

Actions

/ Methods

No methods defined for the resource.

GET

8. Make sure you select correct region where lambda functions are written. Click Save. Confirm you want to give API gateway sufficient permission to call Lambda function

API: `api_get_all_re...`

Resources

- Stages
- Authorizers
- Gateway Responses
- Models
- Resource Policy
- Documentation
- Settings
- Usage Plans
- API Keys
- Client Certificates
- Settings

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.

[Test](#)

Latency: 34 / ms

Response Body

```
[
  [
    "eu-north-1",
    "ap-south-1",
    "eu-west-3",
    "eu-west-2",
    "eu-west-1",
    "ap-northeast-2",
    "ap-northeast-1",
    "sa-east-1",
    "ca-central-1",
    "ap-southeast-1",
    "ap-southeast-2",
    "eu-central-1",
    "us-east-1",
    "us-east-2",
    "us-west-1",
    "us-west-2"
  ],
  {}
]
```

Response Headers

```
{
  "X-Amzn-Trace-Id": "Root=1-5eb6291b-d68a08e5b7d3a8"
}
```

1. Future enhancements:

- Add Security to API gateway
- Create an UI button, by clicking it I'll get all regions on UI as response.