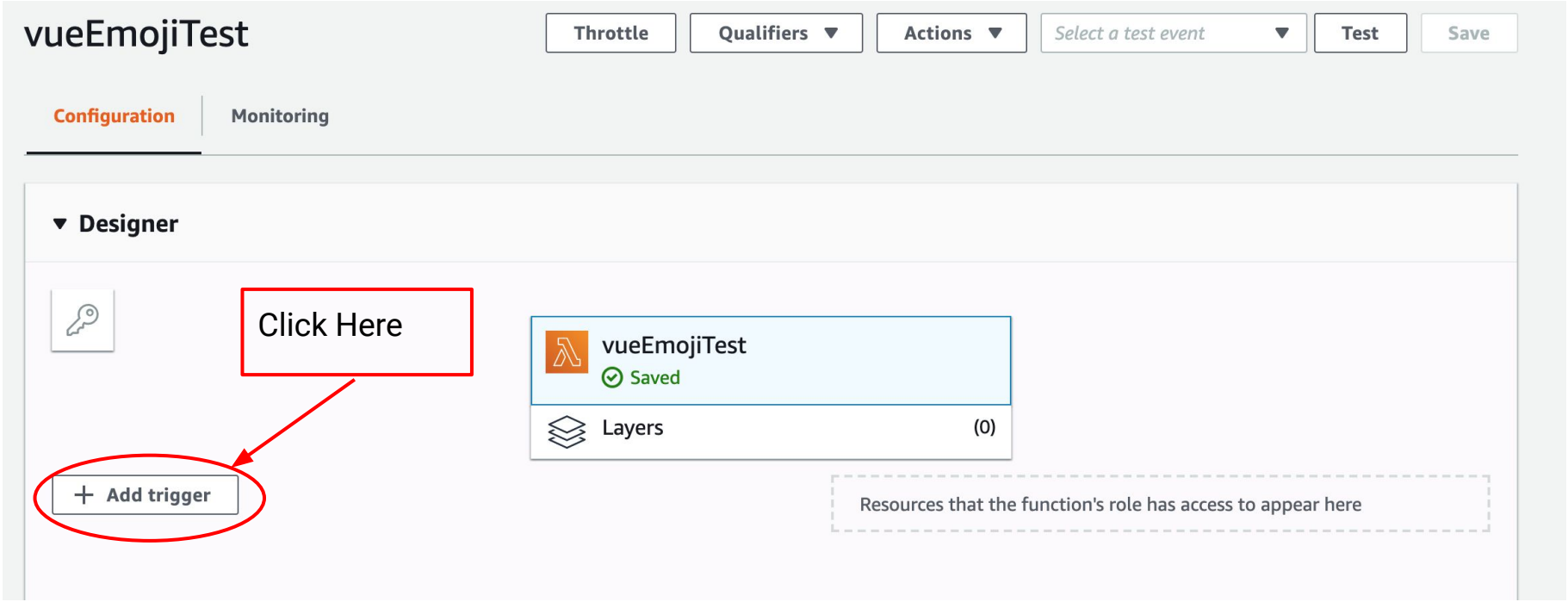
AWS Lambda with a simple HTTP proxy

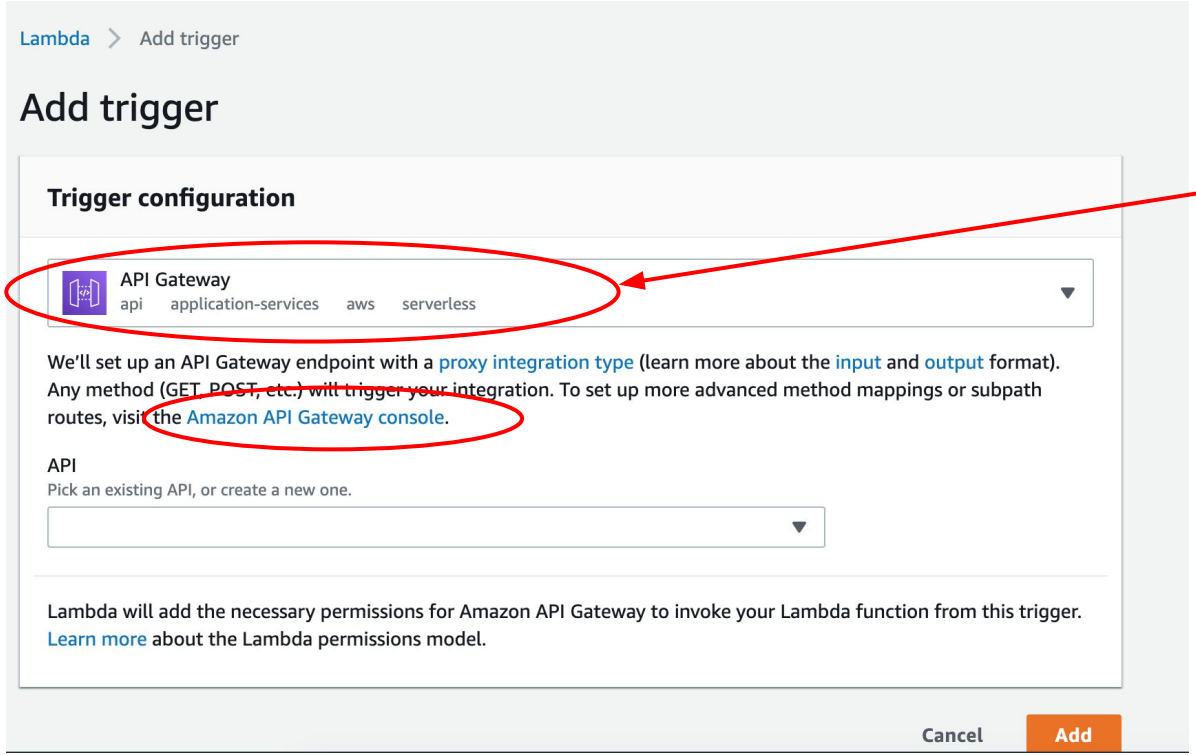
Setting up API Gateway

Example code from - https://github.com/Aishwarya26l/vue-emojis

Navigate to your Lambda function



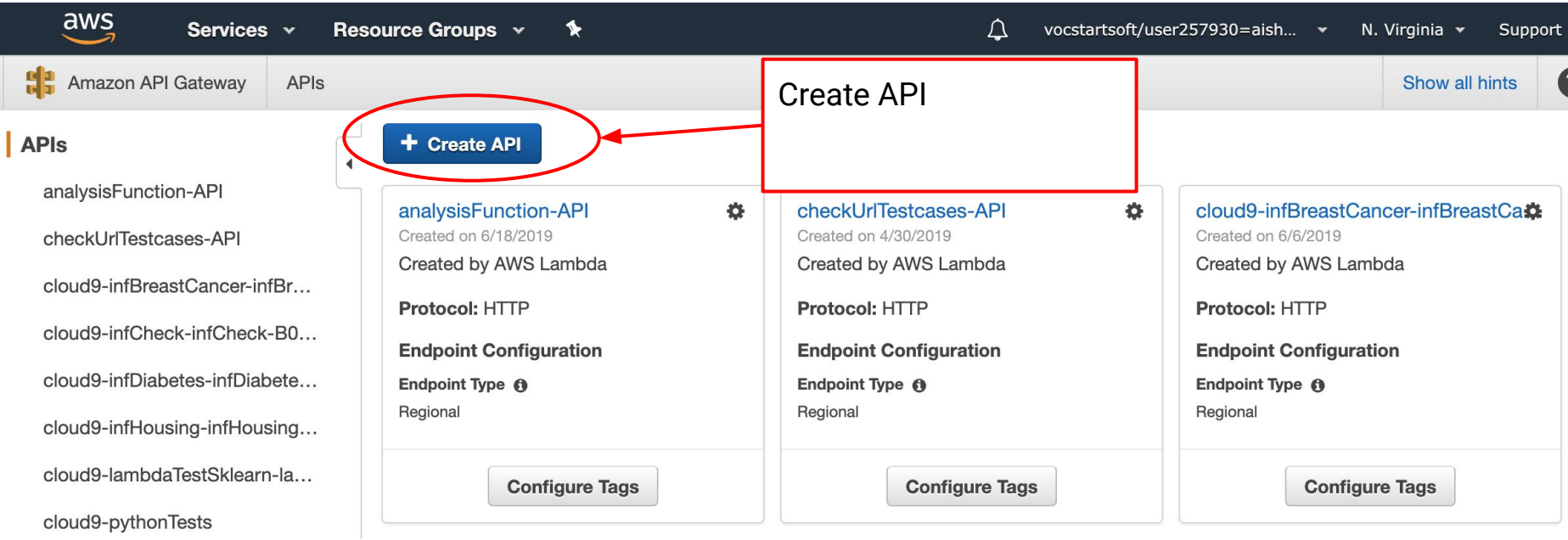
Add trigger



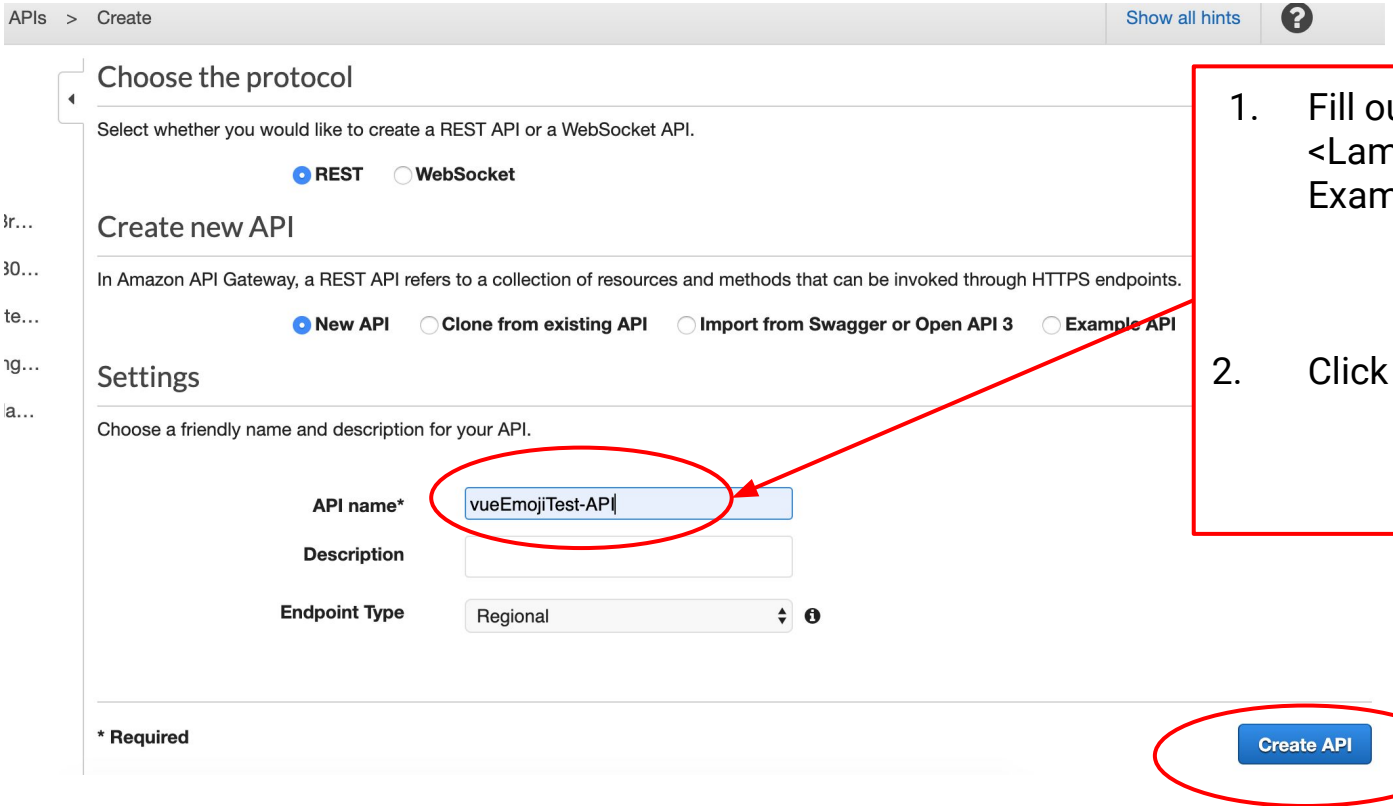
Select API Gateway as the Trigger

1. Click on Amazon API Gateway Console for advanced settings.

API Gateway console



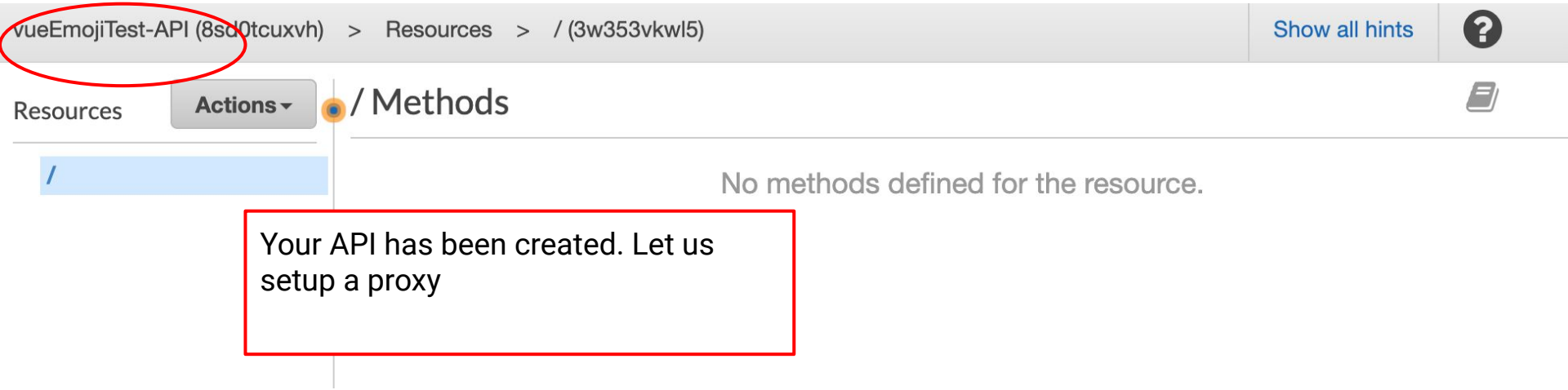
API Gateway console



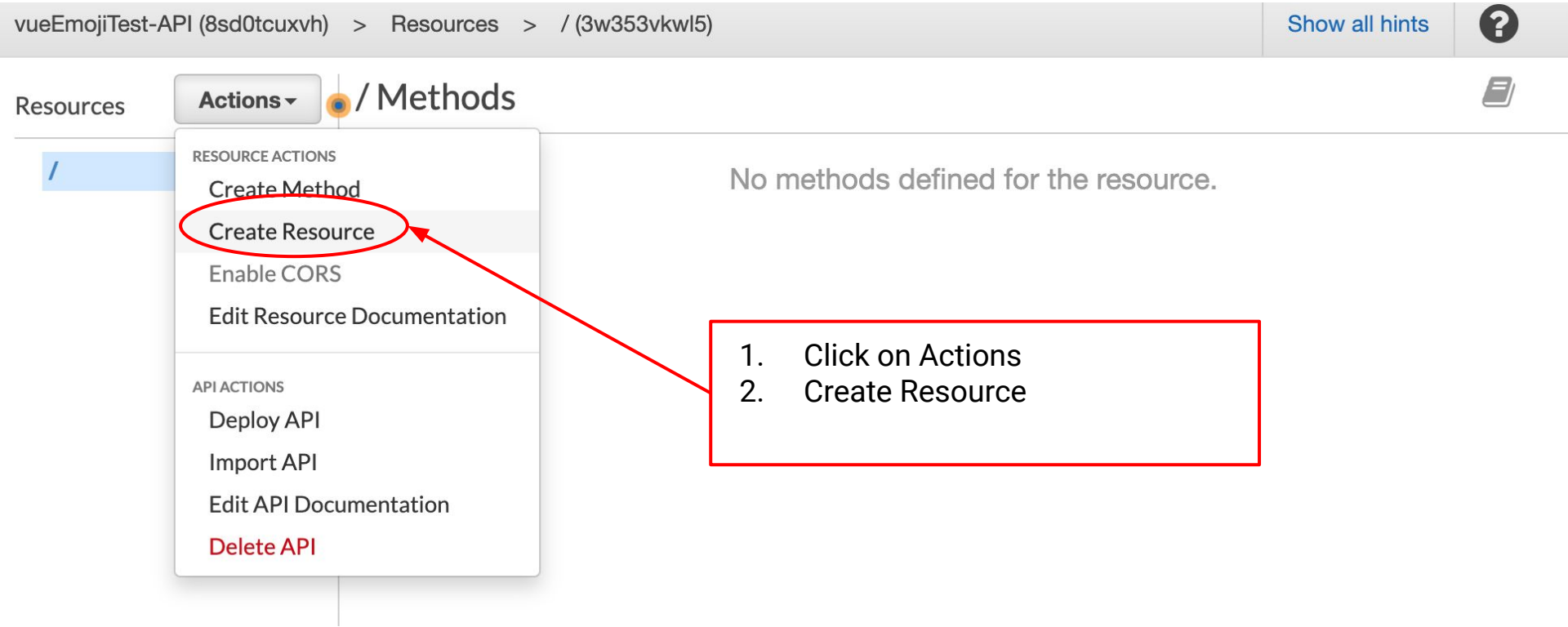
1. Fill out your API name <Lambda-Function-Name>-API
   Example -
   vueEmojiTest-API

2. Click on Create API

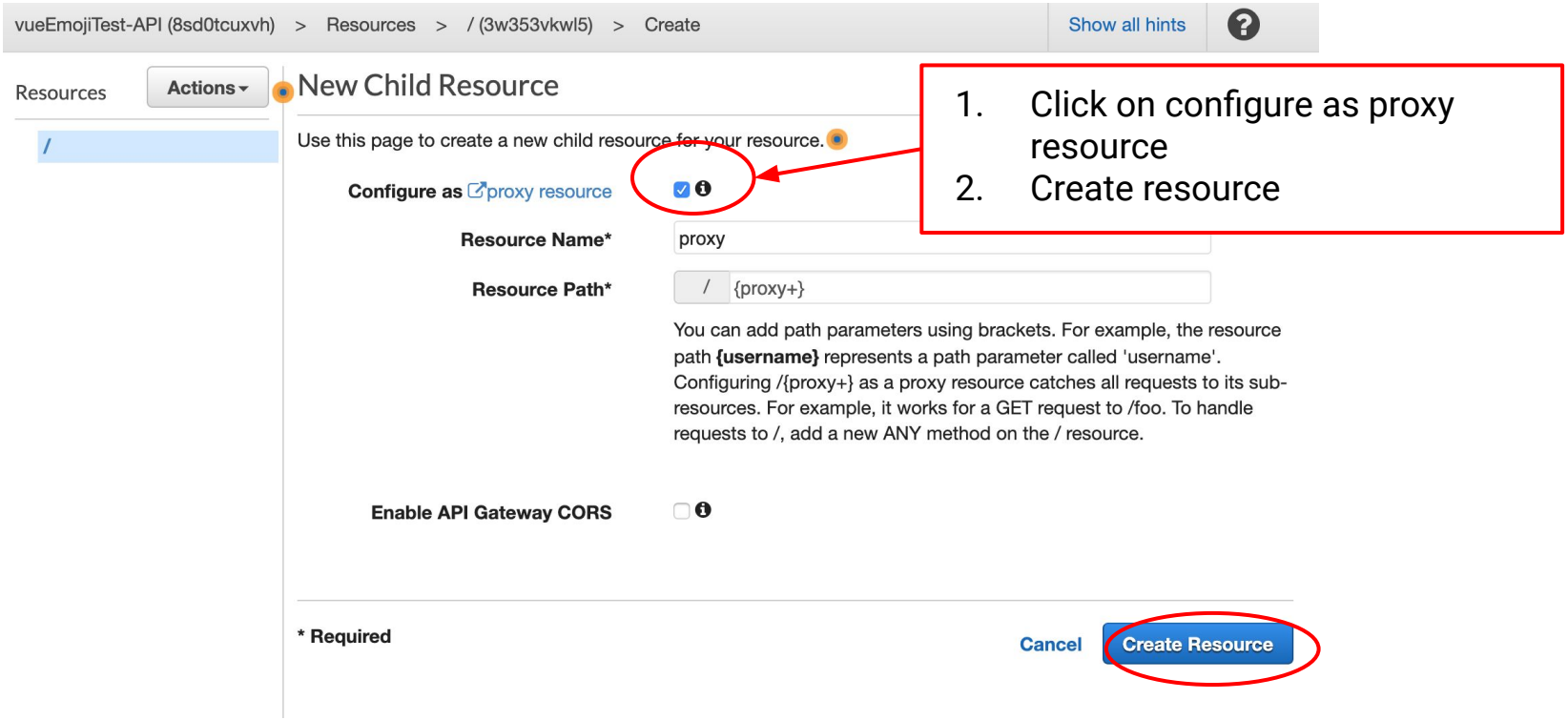
API Gateway console



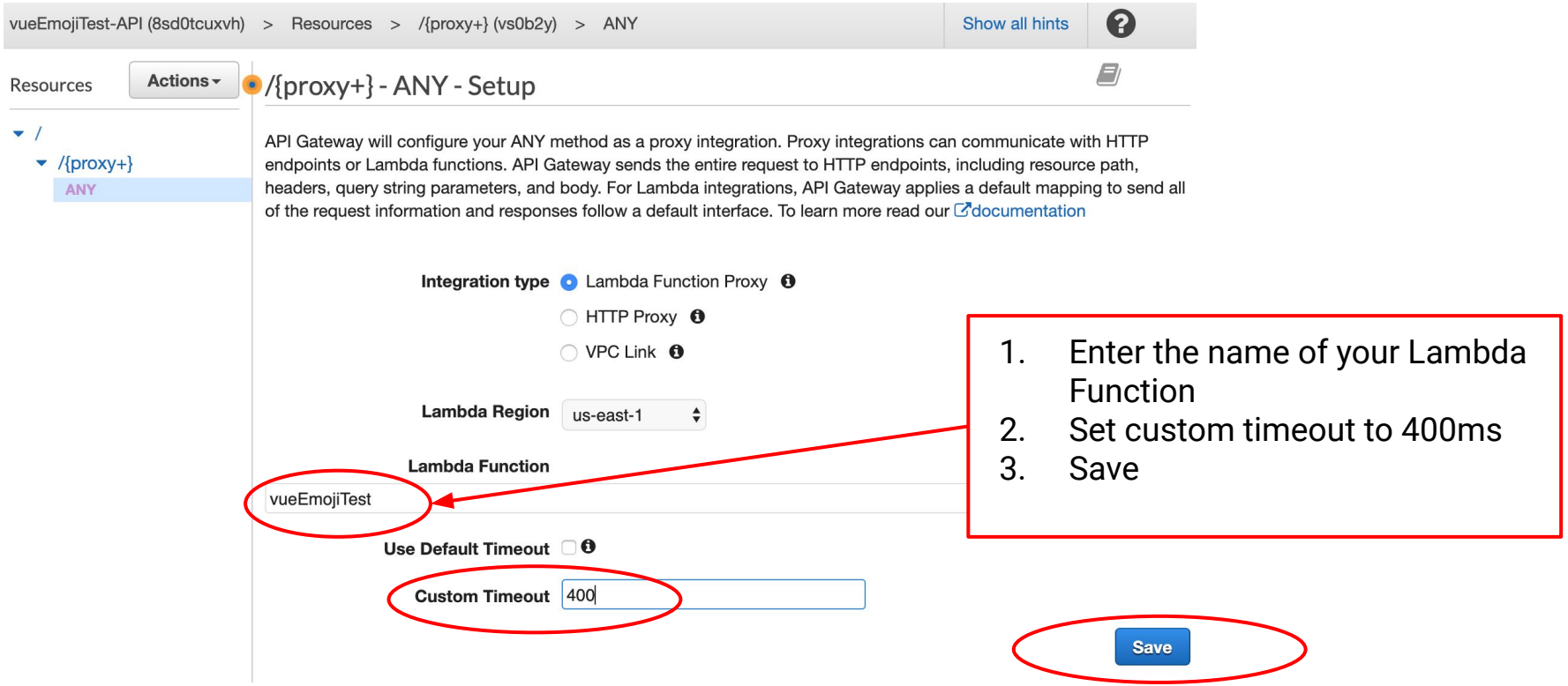
API Gateway console



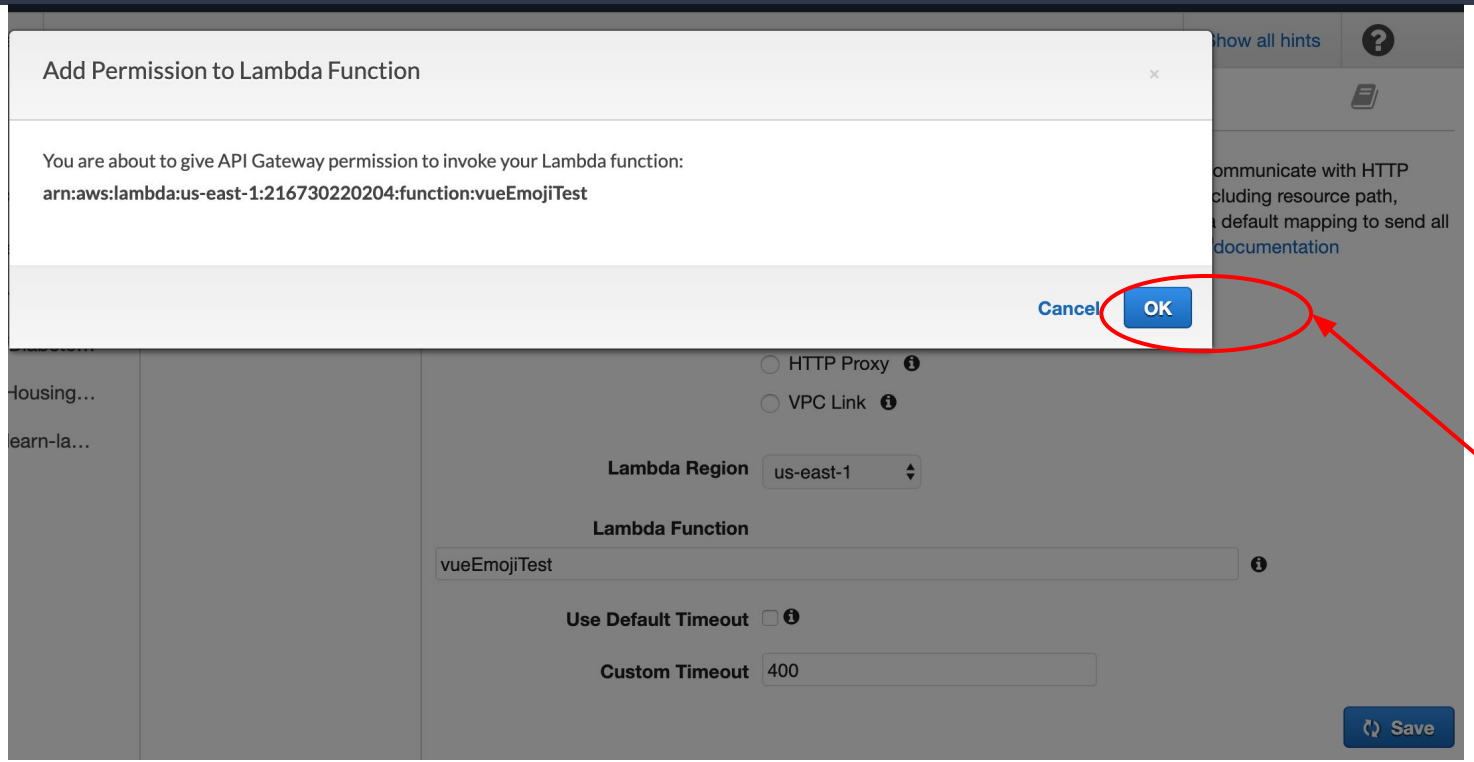
API Gateway console



API Gateway console

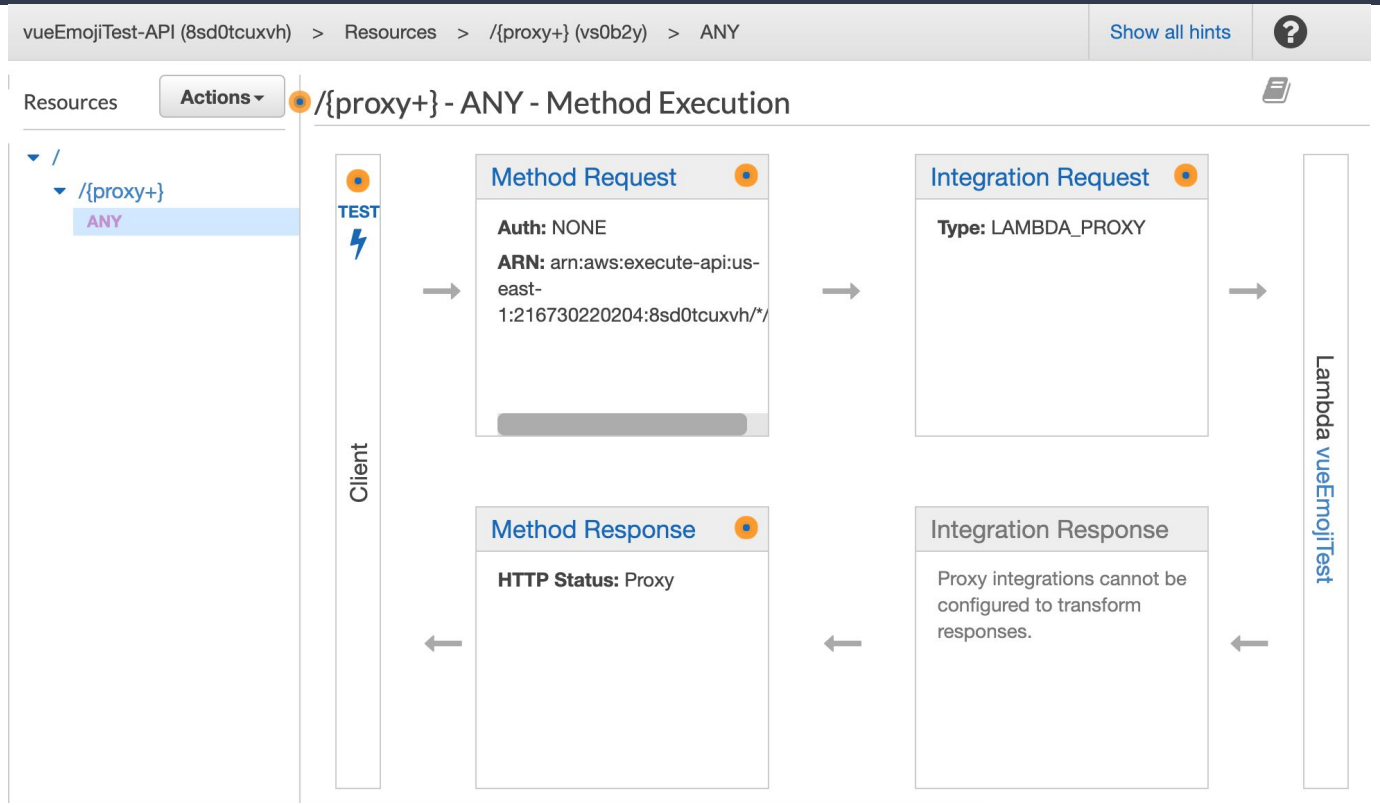


API Gateway console



Confirm

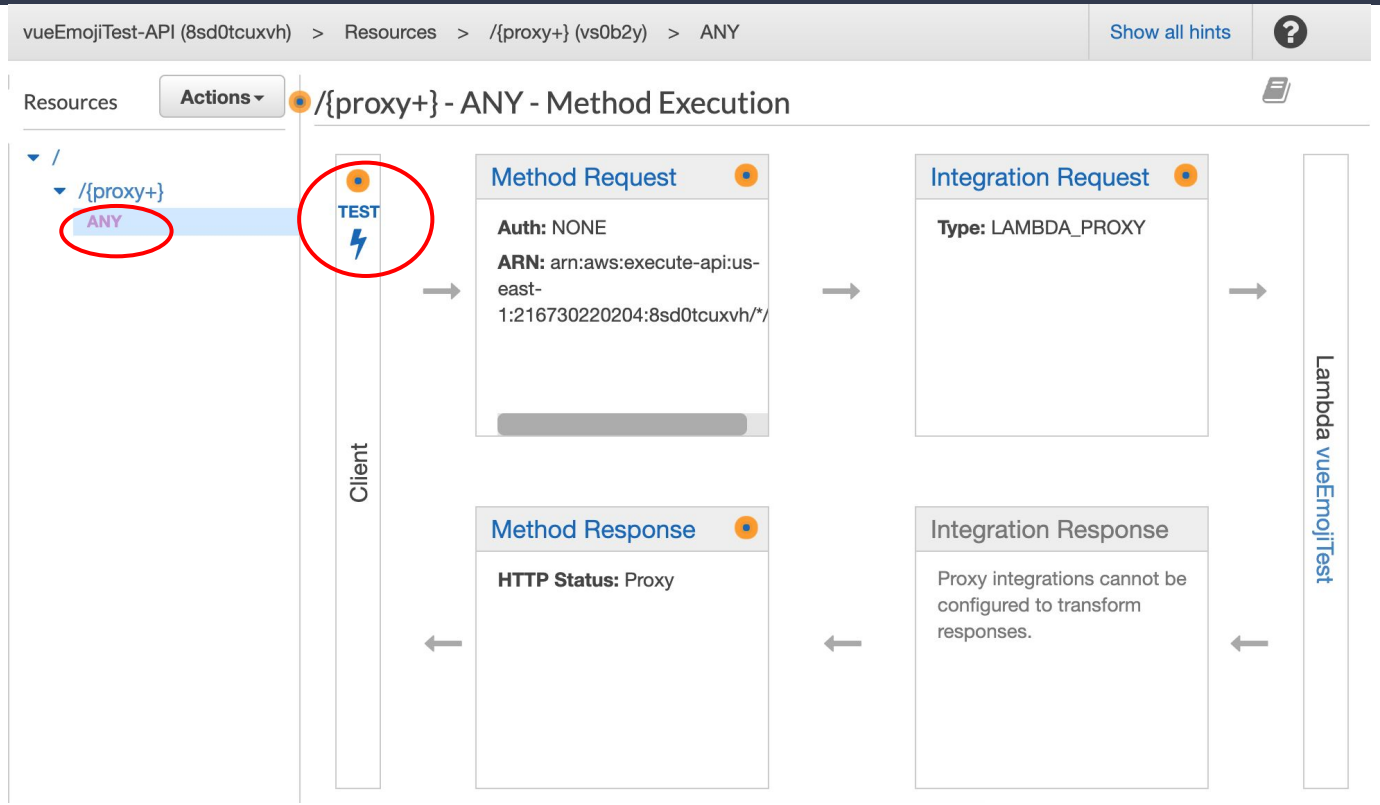
API Gateway console



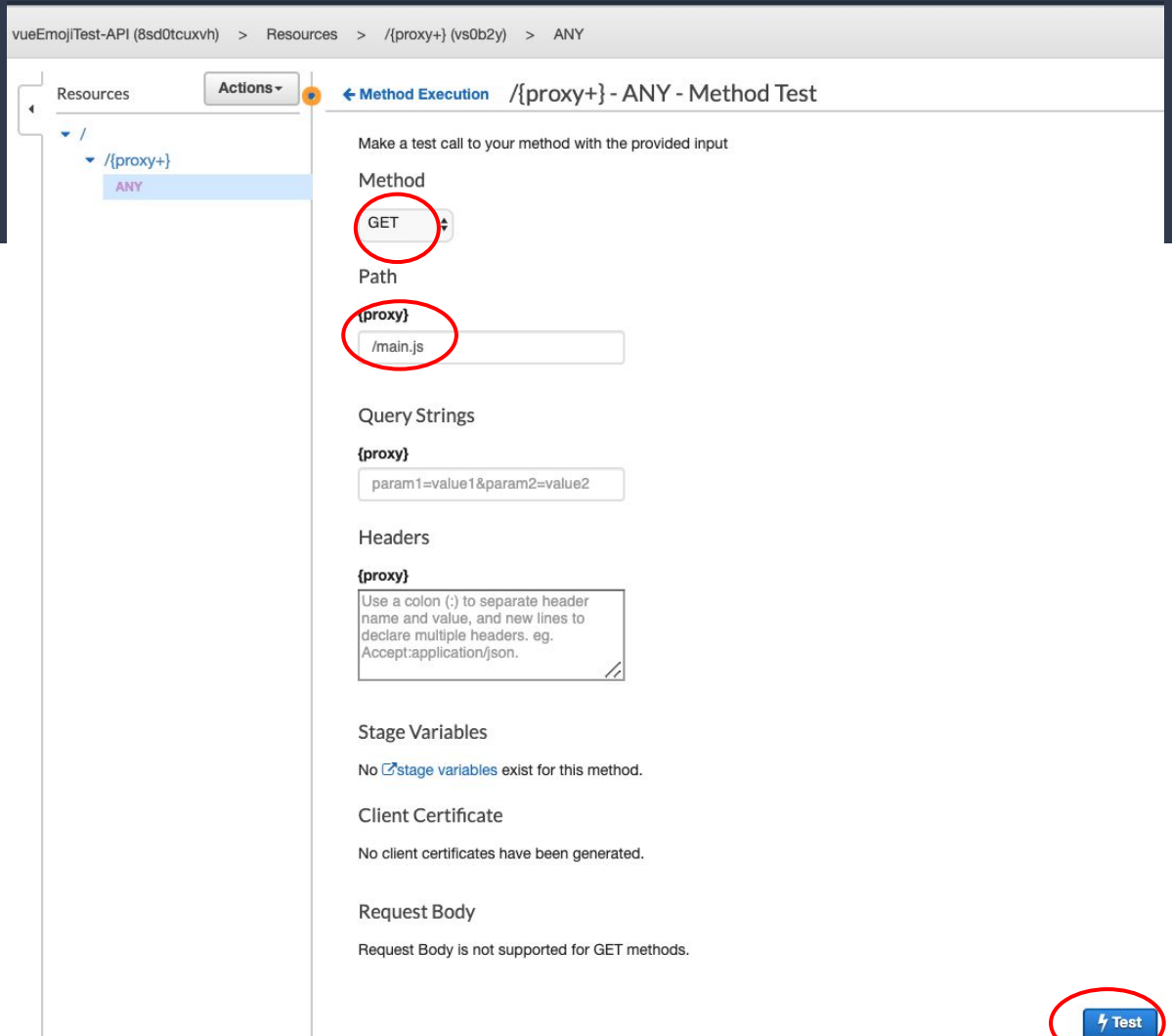
Your proxy has been set up.

1. **Let us test our API**
2. **Then deploy**

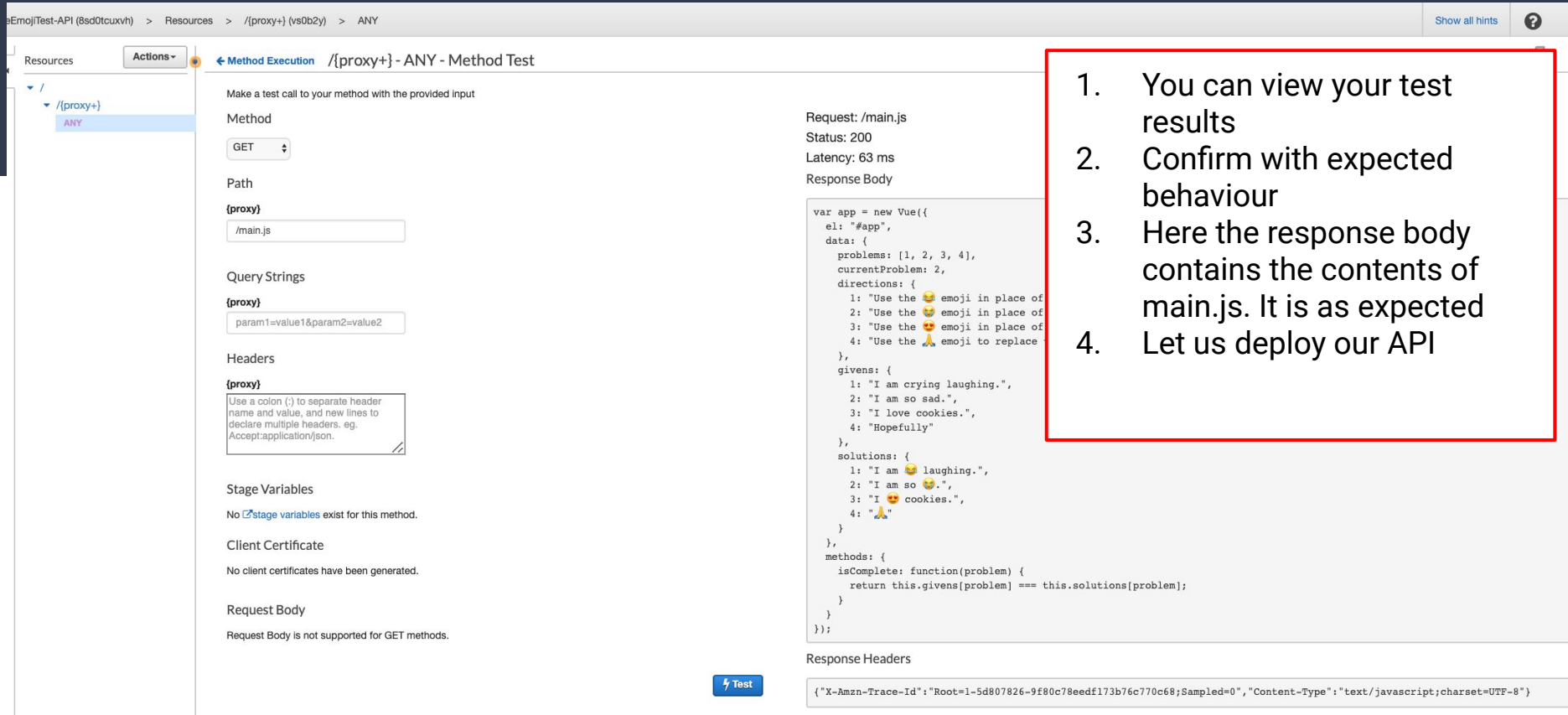
API Gateway console



1. Click on ANY under {proxy+}
2. Click on test to test our proxy

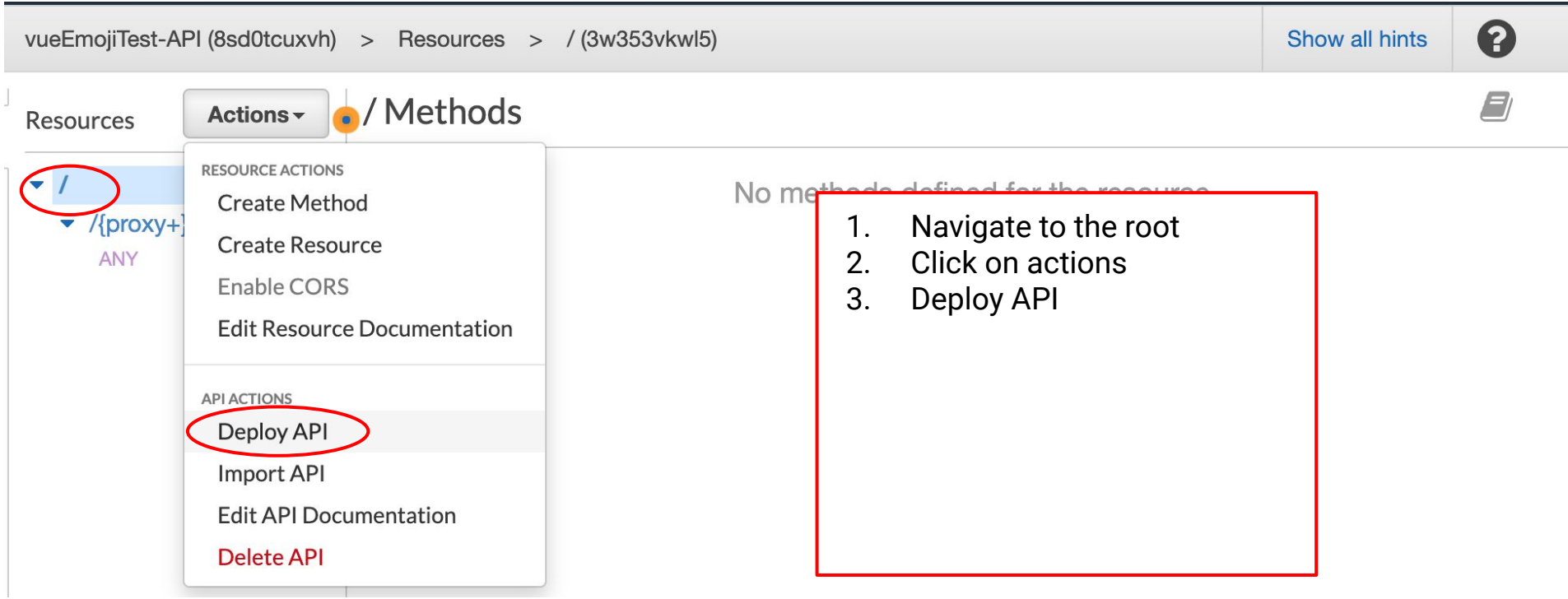


1. Select the GET method
2. Select the route /main.js
3. Click on test

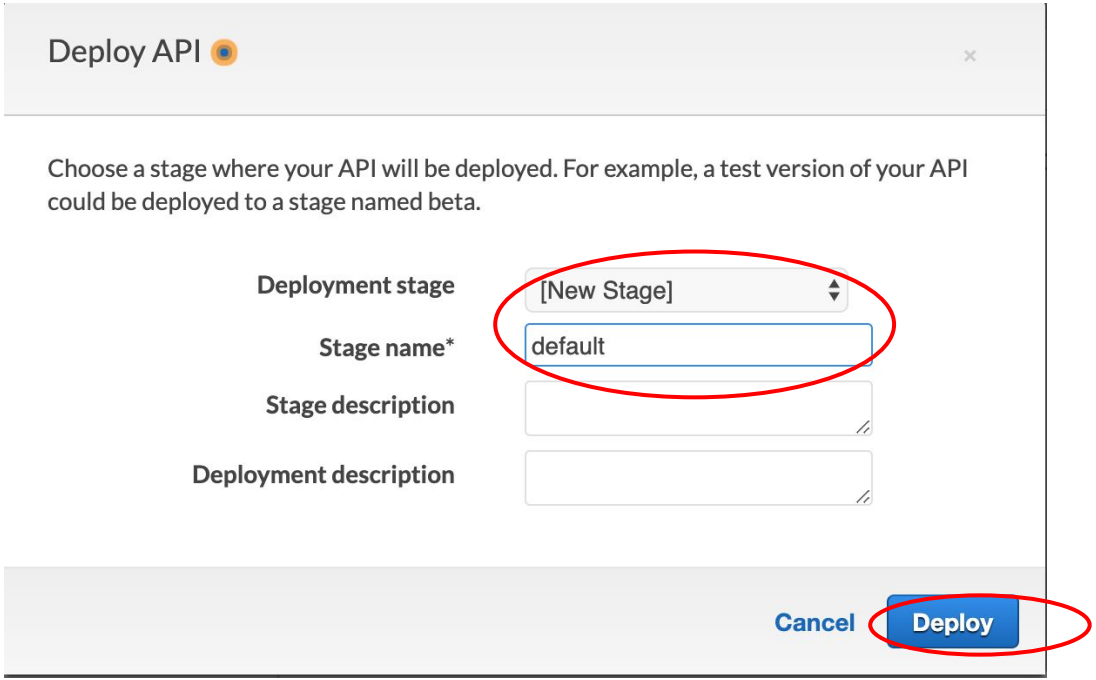


1. You can view your test results
2. Confirm with expected behaviour
3. Here the response body contains the contents of main.js. It is as expected
4. Let us deploy our API

API Gateway console

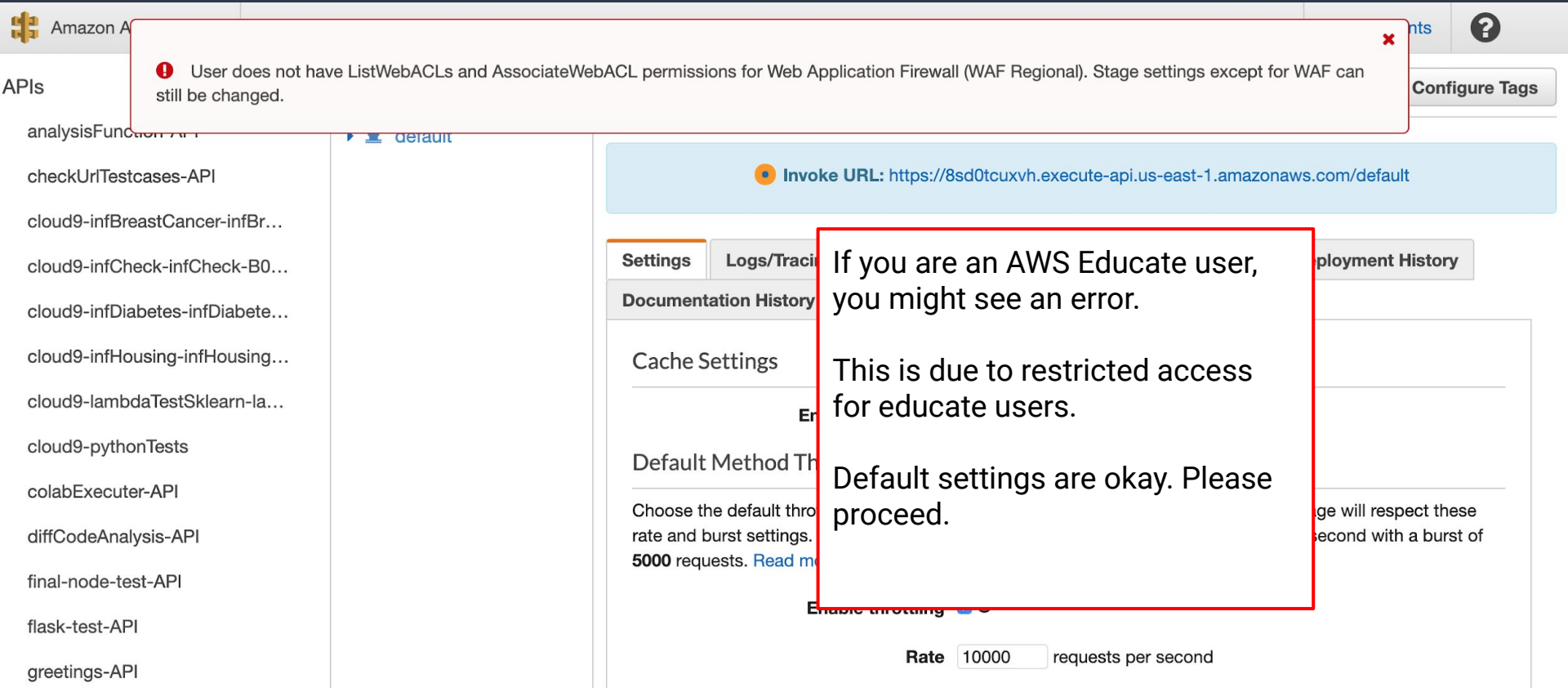


API Gateway console



1. Select [New Stage] for deployment
2. Call it “default”
3. Click on Deploy

API Gateway console

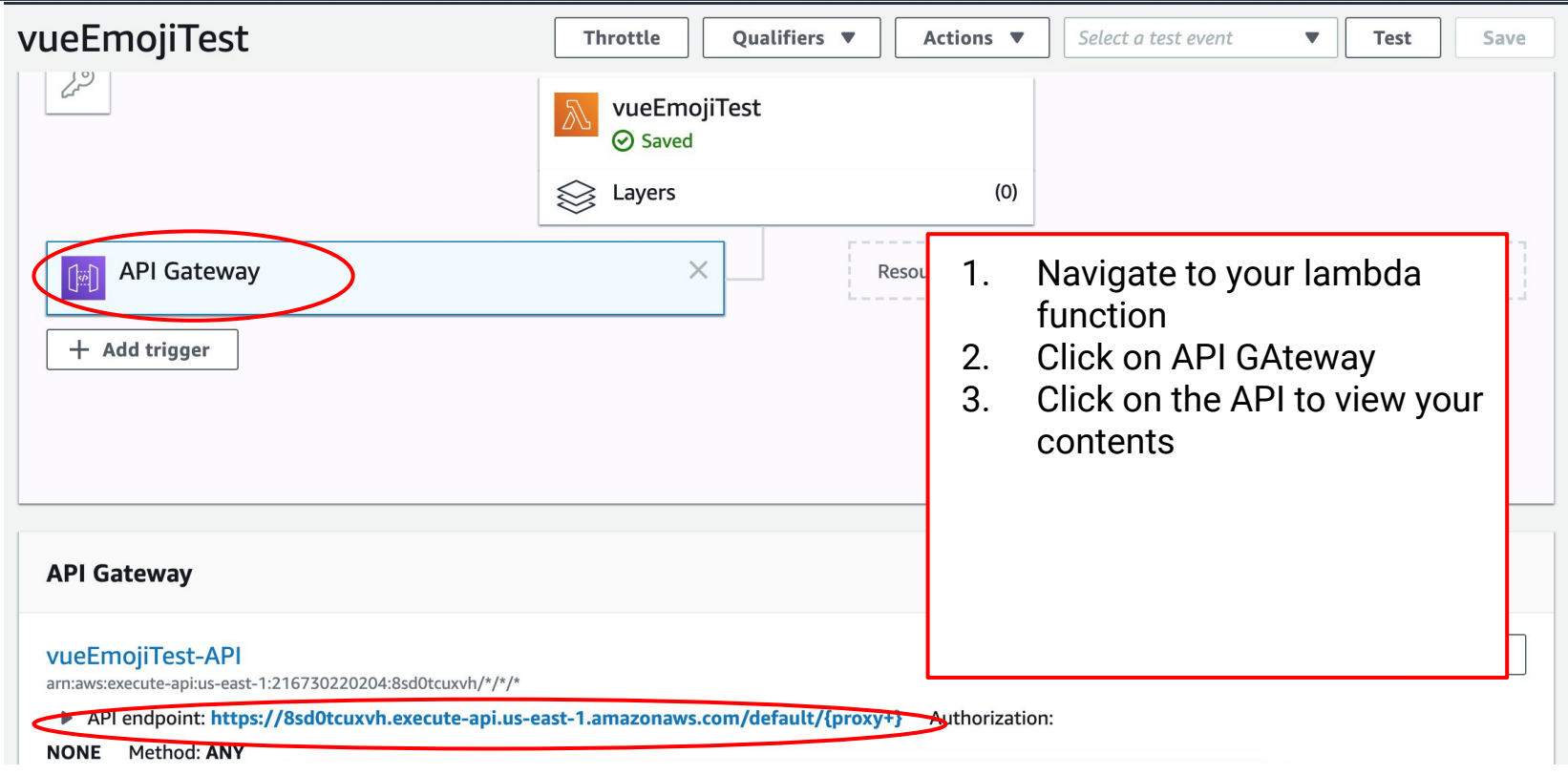


If you are an AWS Educate user, you might see an error.

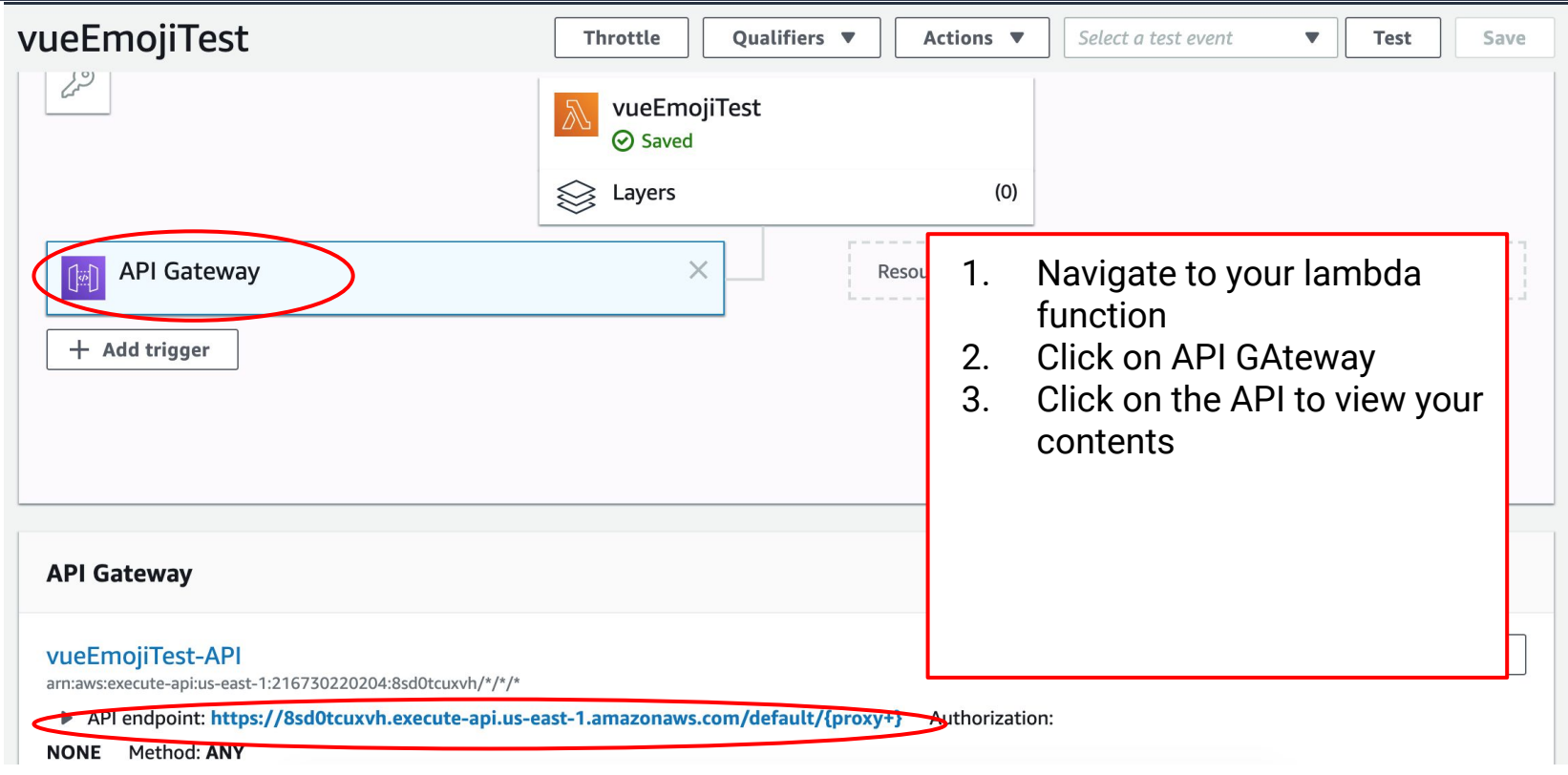
This is due to restricted access for educate users.

Default settings are okay. Please proceed.

Lambda console



Lambda console



Lambda API

1. API - https://8sd0tcuxvh.execute-api.us-east-1.amazonaws.com/default/index.html

Tests for proxies -

1. https://8sd0tcuxvh.execute-api.us-east-1.amazonaws.com/default/main.js

References -

1. Github for example code - https://github.com/Aishwarya26l/vue-emojis
2. API Gateway proxy documentation - https://docs.aws.amazon.com/apigateway/latest/developerguide/api-gateway-create-api-as-simple-proxy-for-http.html