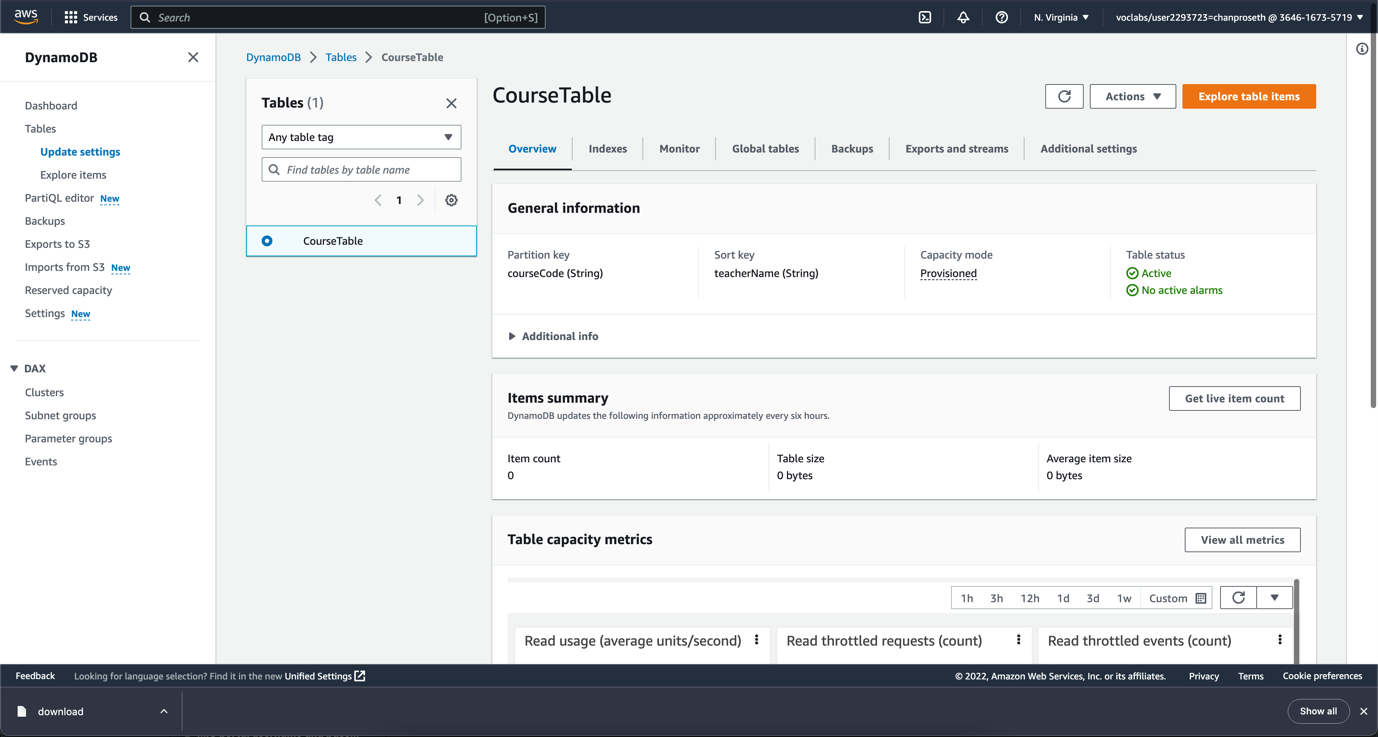
* Create lambda

Graphical user interface, application, website

Description automatically generated

* Create table in dynamodb



A screenshot of a computer

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

* Add policy

Graphical user interface, application

Description automatically generated

Graphical user interface, text

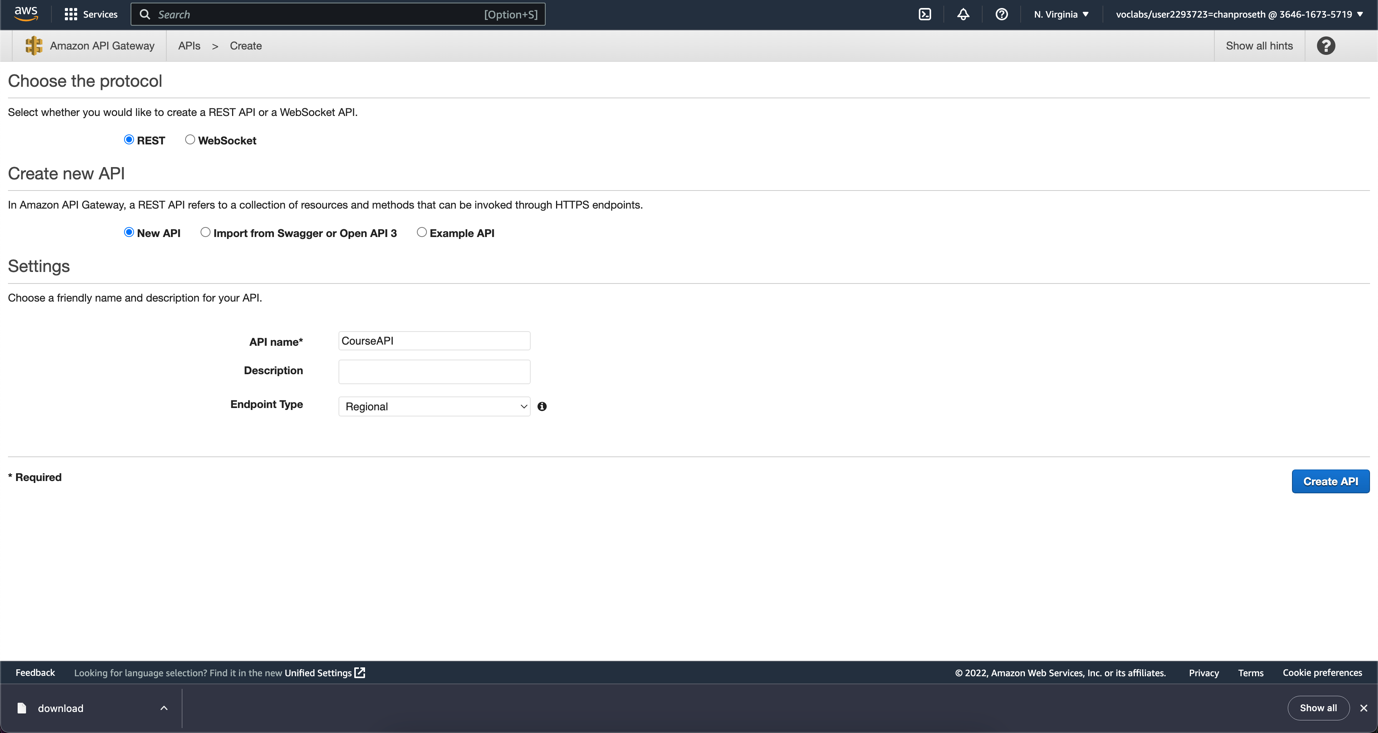
Description automatically generated

* Add Environment Variable

Graphical user interface, text

Description automatically generated

* Create API Gateway



Graphical user interface, application, Teams

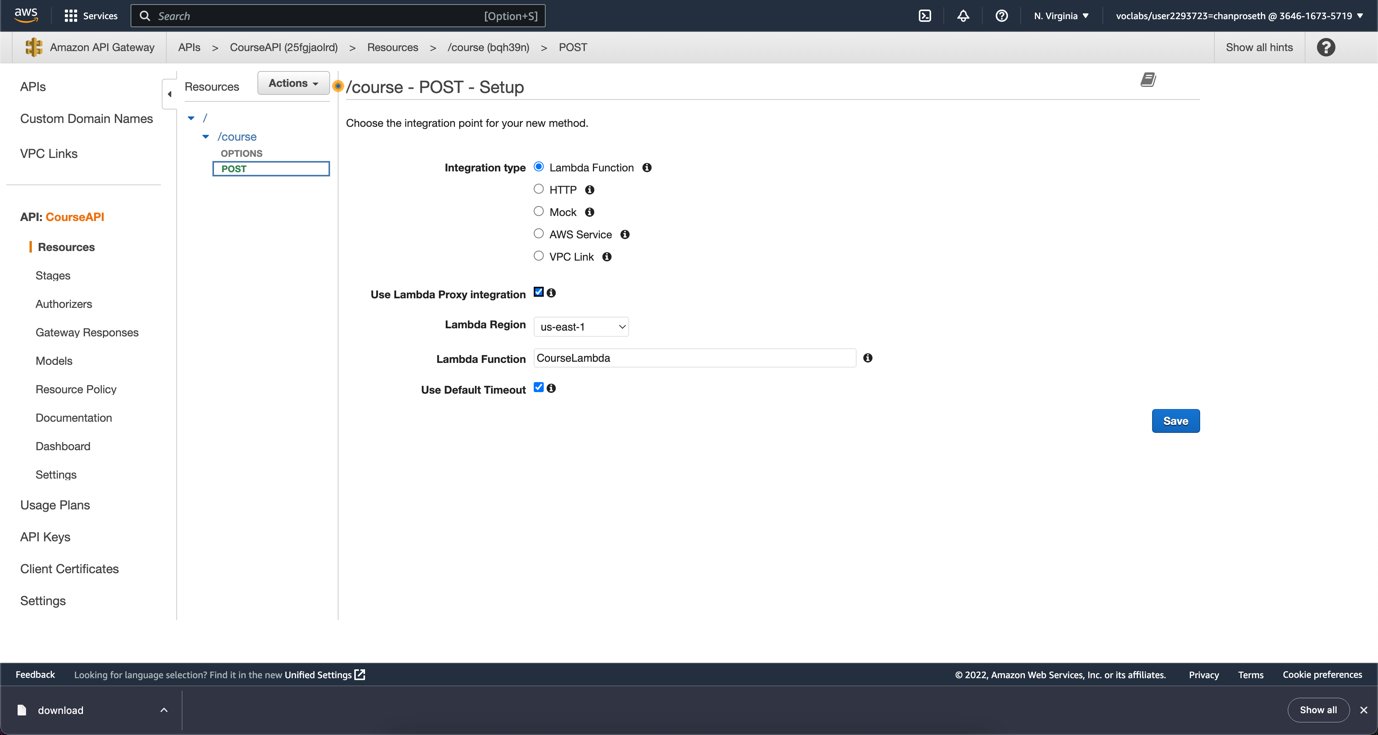
Description automatically generated

* Create resource Path

Graphical user interface, text, application

Description automatically generated

* Create API method



* Test in API gateway

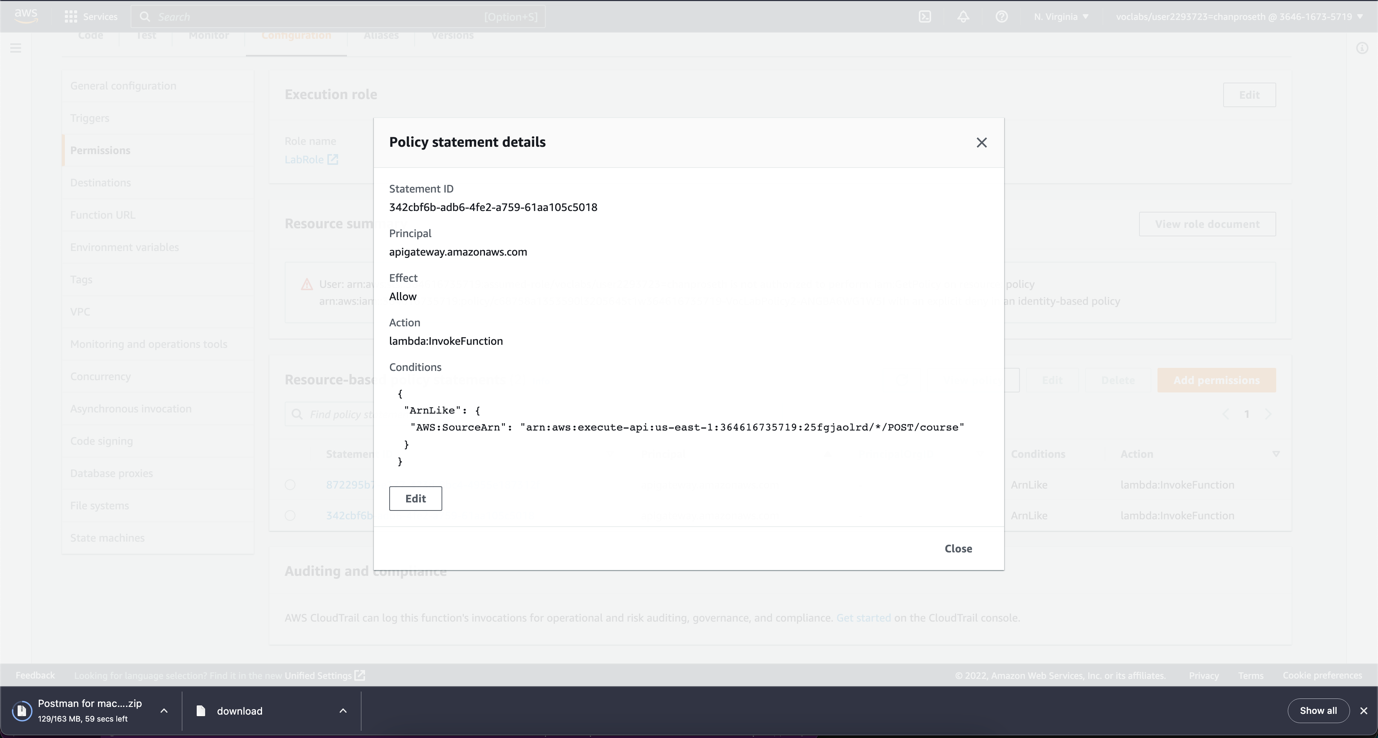
Graphical user interface, text, application

Description automatically generated

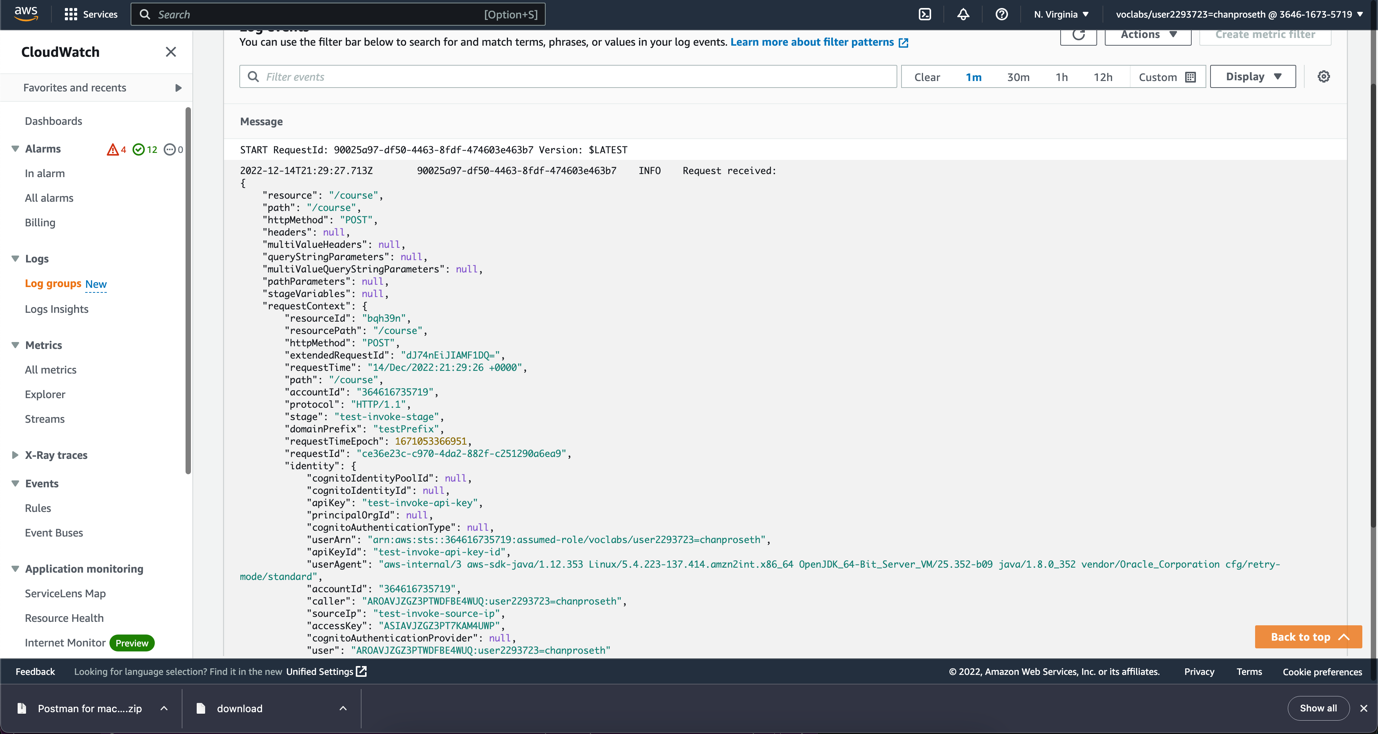
A screenshot of a computer

Description automatically generated

* This policy allow api gateway to access lamda



* Check in cloudwatch



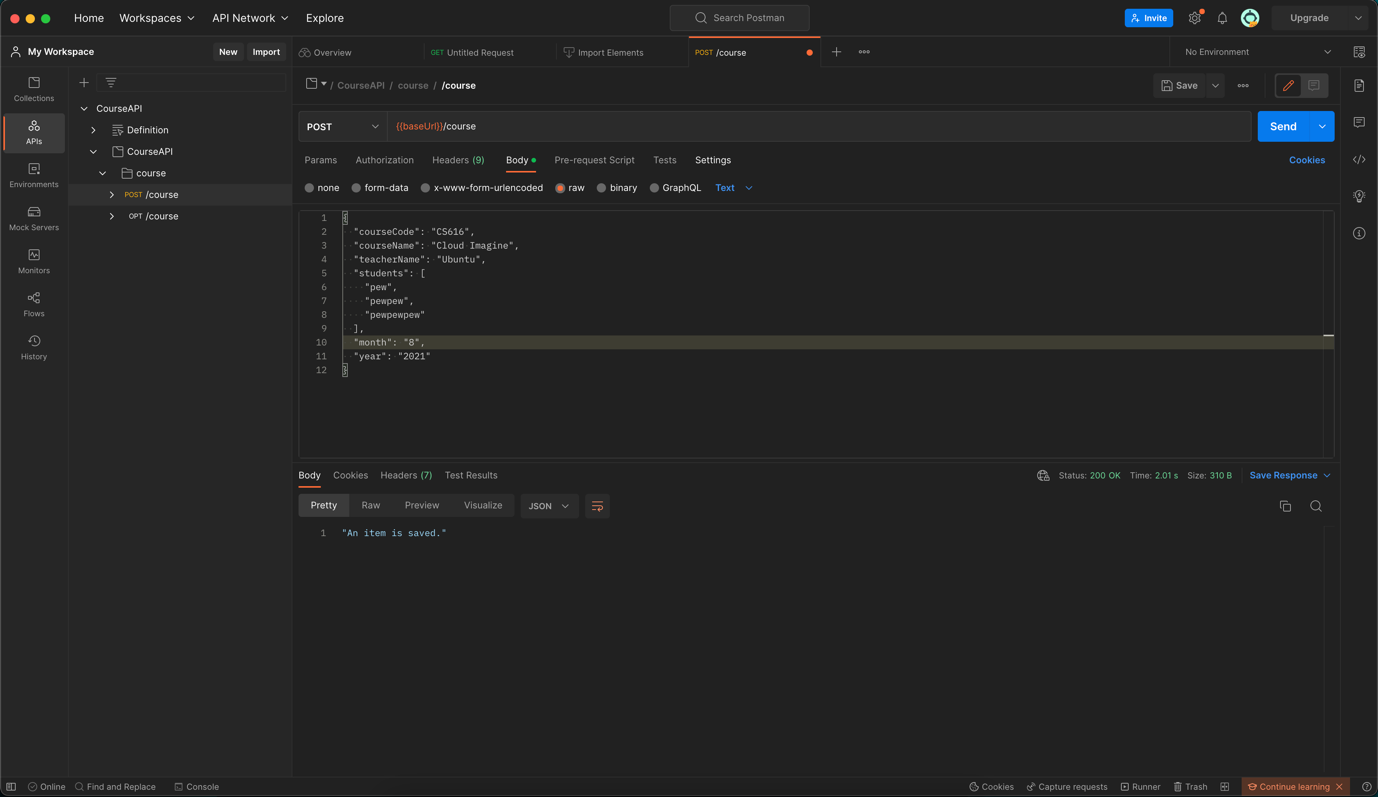
* deploy

A screenshot of a computer

Description automatically generated

Graphical user interface, text, application, email

Description automatically generated



* Create Userpool

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application, Teams

Description automatically generated

Graphical user interface, text, application, Teams

Description automatically generated

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application

Description automatically generated

Graphical user interface, application, Teams

Description automatically generated

* Must add ALLOW\_USER\_PASSWORD\_AUTH to Authentication flows to use email and password to login
* Also get the ClientID for use in command

Graphical user interface, text, application, email

Description automatically generated

* Use this command to get token

aws cognito-idp initiate-auth --auth-flow USER\_PASSWORD\_AUTH --client-id 1o8f4knm7oo7v31vnpm2s9lq0k --auth-parameters USERNAME=kchanproseth@gmail.com,PASSWORD=123456 -- region us-east-1

Graphical user interface, text, application

Description automatically generated

* Go to Api Gateway
* Create new Authorizer

Graphical user interface, application, Teams

Description automatically generated

* Add Authorization for Post and Get API

Graphical user interface, text, application

Description automatically generated

* Create method for get course/{courseName} and deploy latest

Graphical user interface, text, application, email

Description automatically generated

* Test get all and post with Authorization

A screenshot of a computer

Description automatically generated

Graphical user interface, text, application

Description automatically generated