Cloud and Serverless Computing Project

Sec-13  
ID:2000080043-Akhil

Assigned Project: Serverless Web Application in AWS

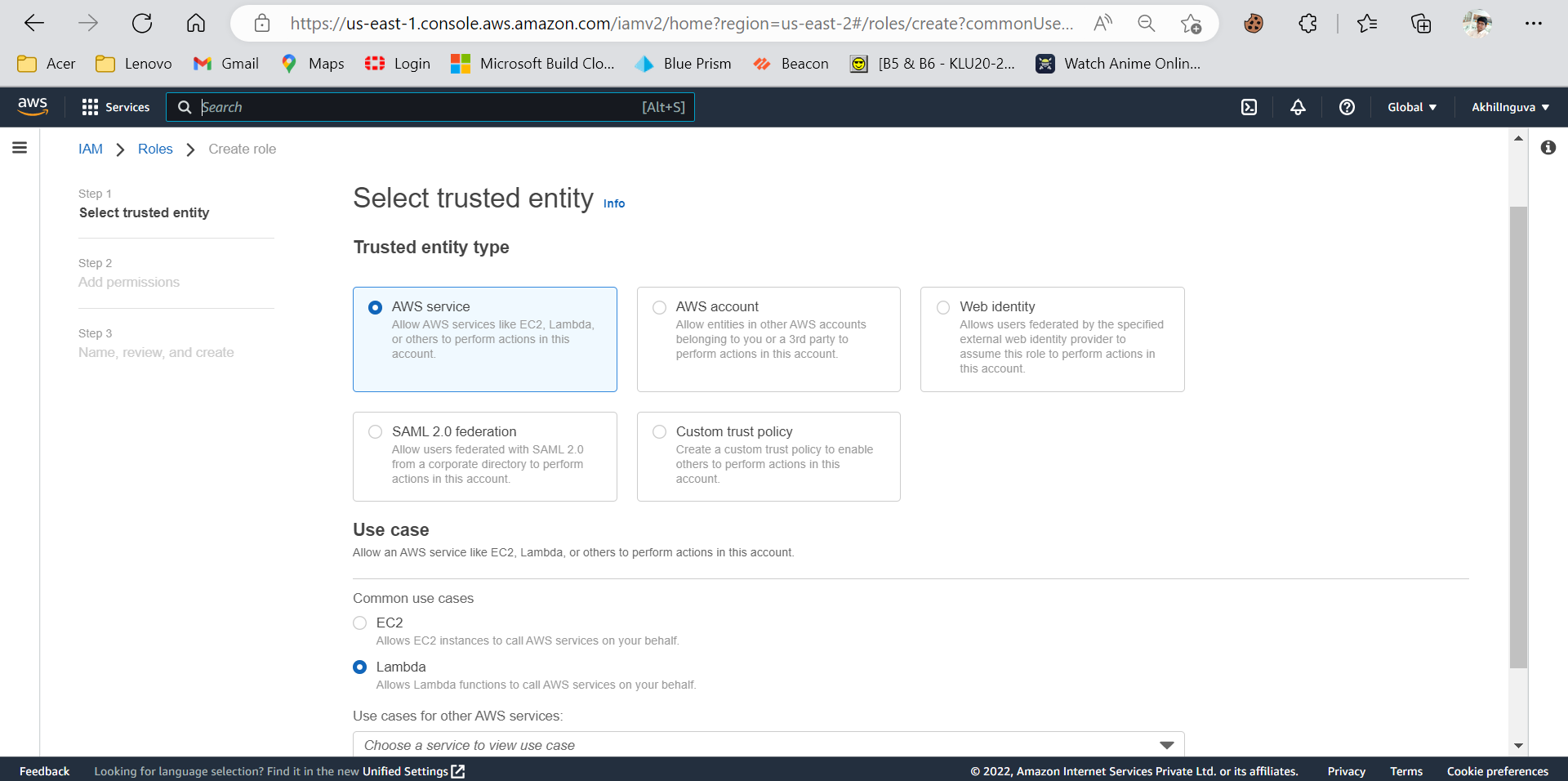
Get and Post employee details : API Gateway

Test REST Api : Postman api platform(free login)

Employee Business Logic : AWS Lambda service

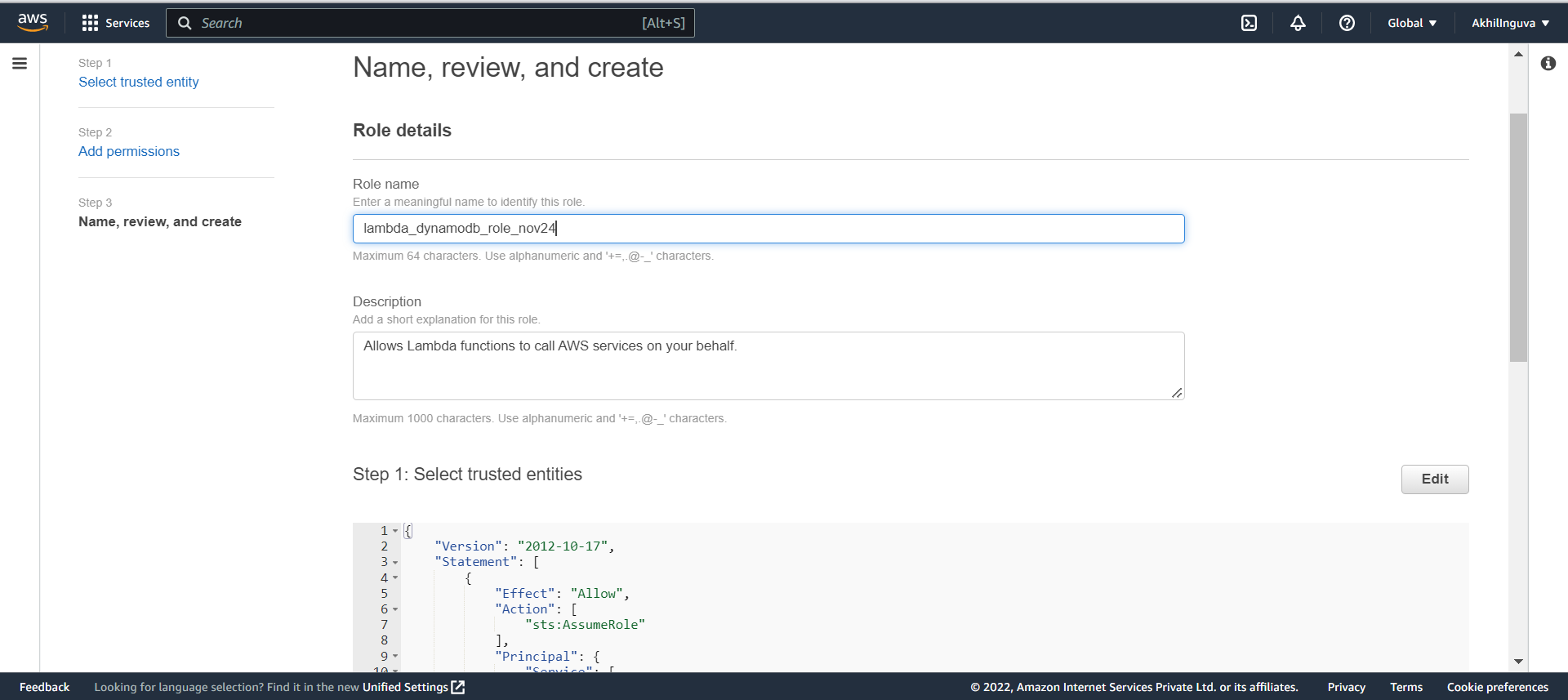
Store employee details : AWS DynamoDB service

Create an IAM Role With Lambda as Use case and Policy:DynamoDB Full access



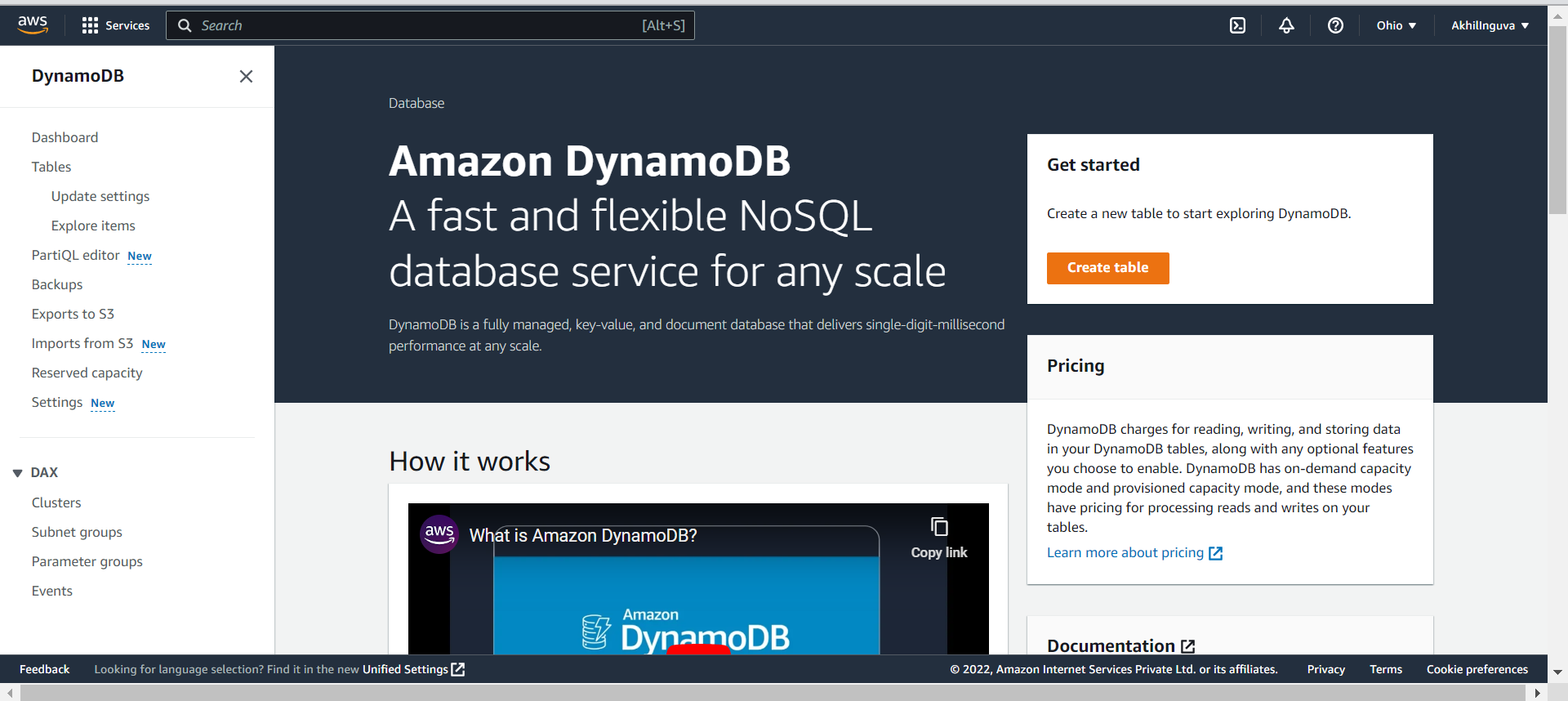
Graphical user interface, text, application

Description automatically generated



Graphical user interface, text, application, email

Description automatically generated

DYNAMODB:  


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LAMBDA:

A screenshot of a computer

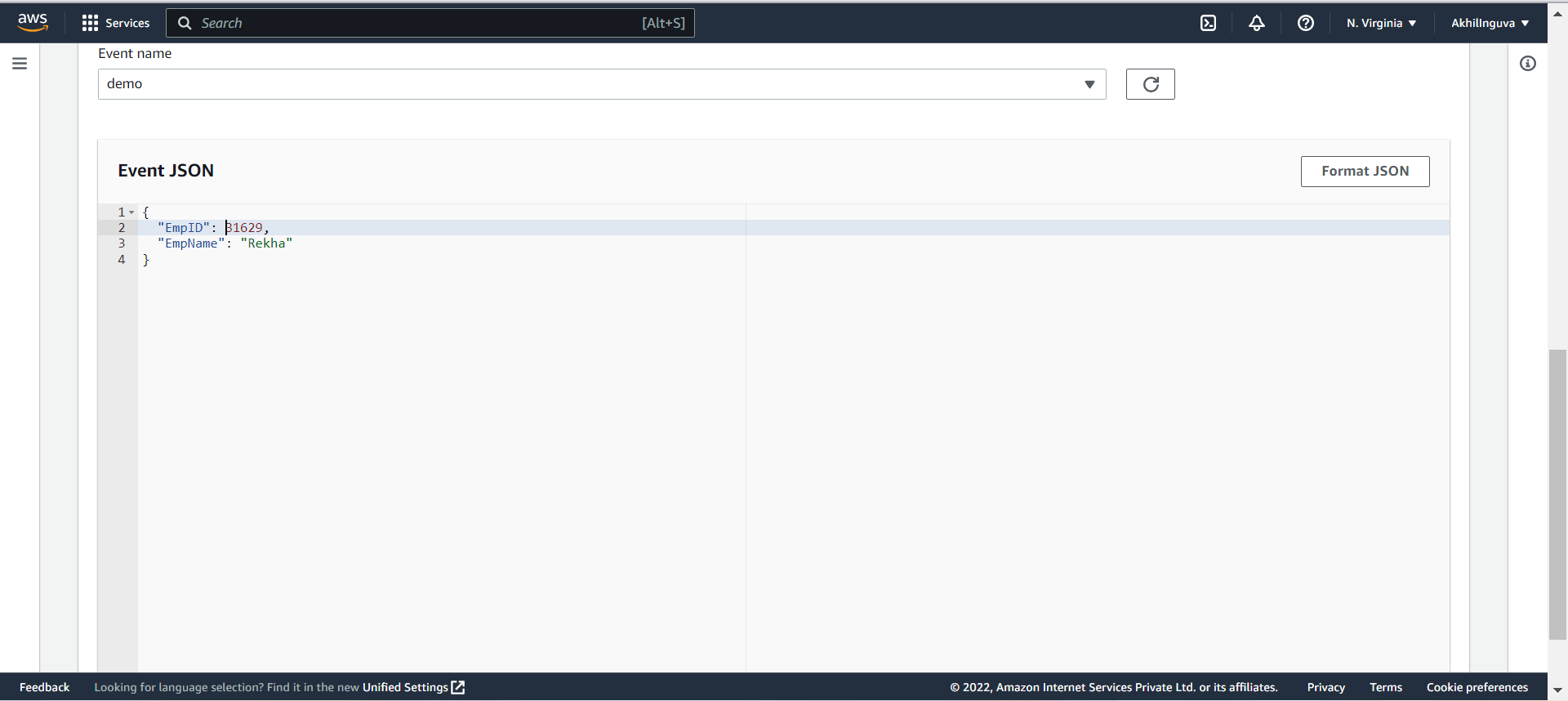
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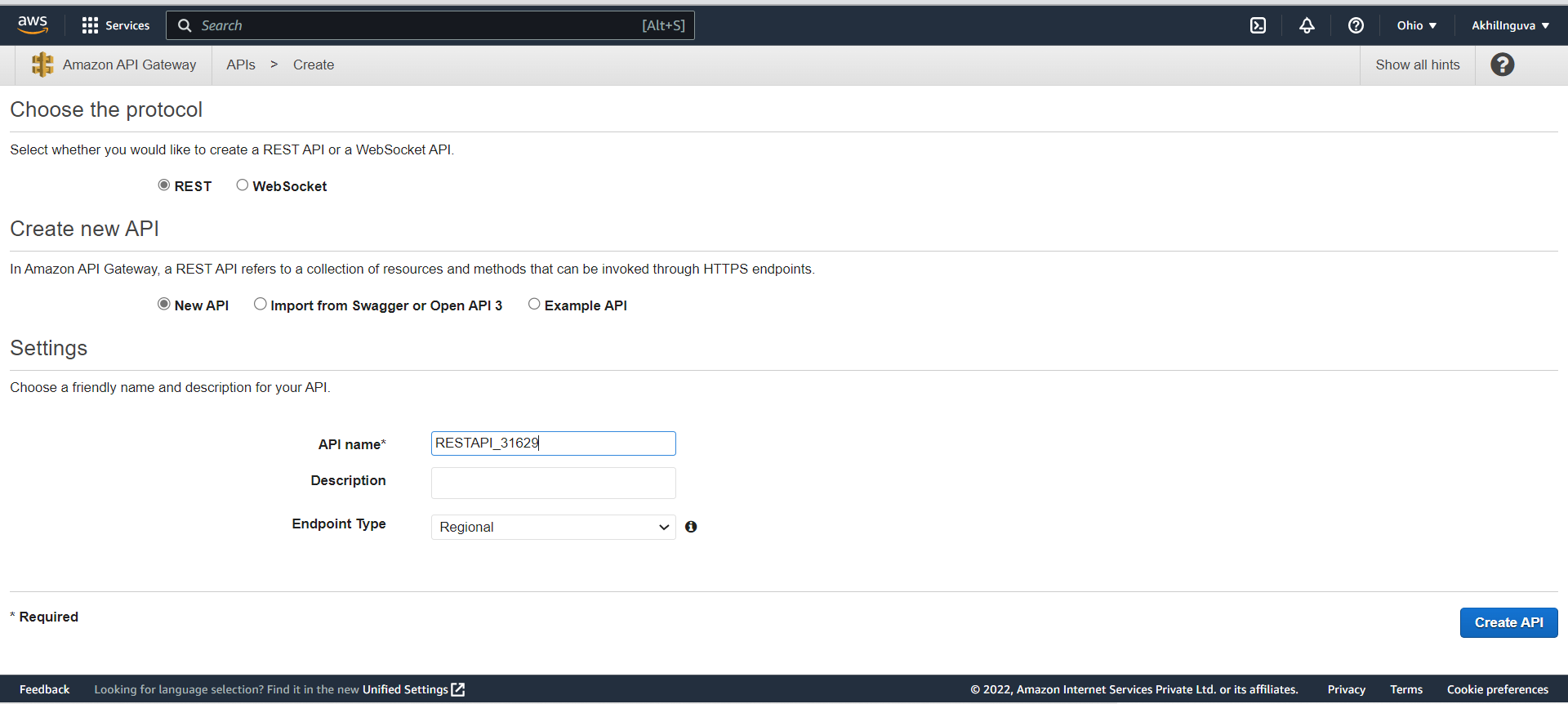
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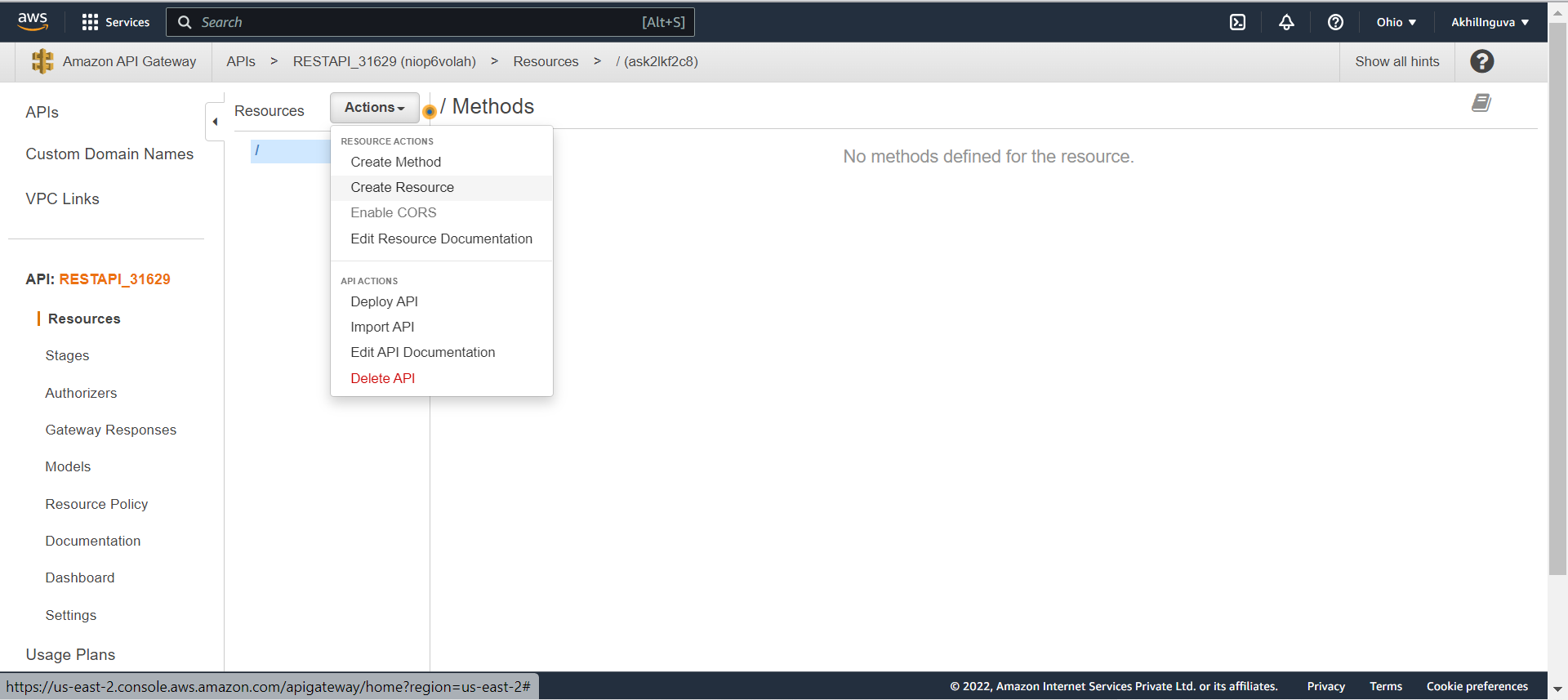
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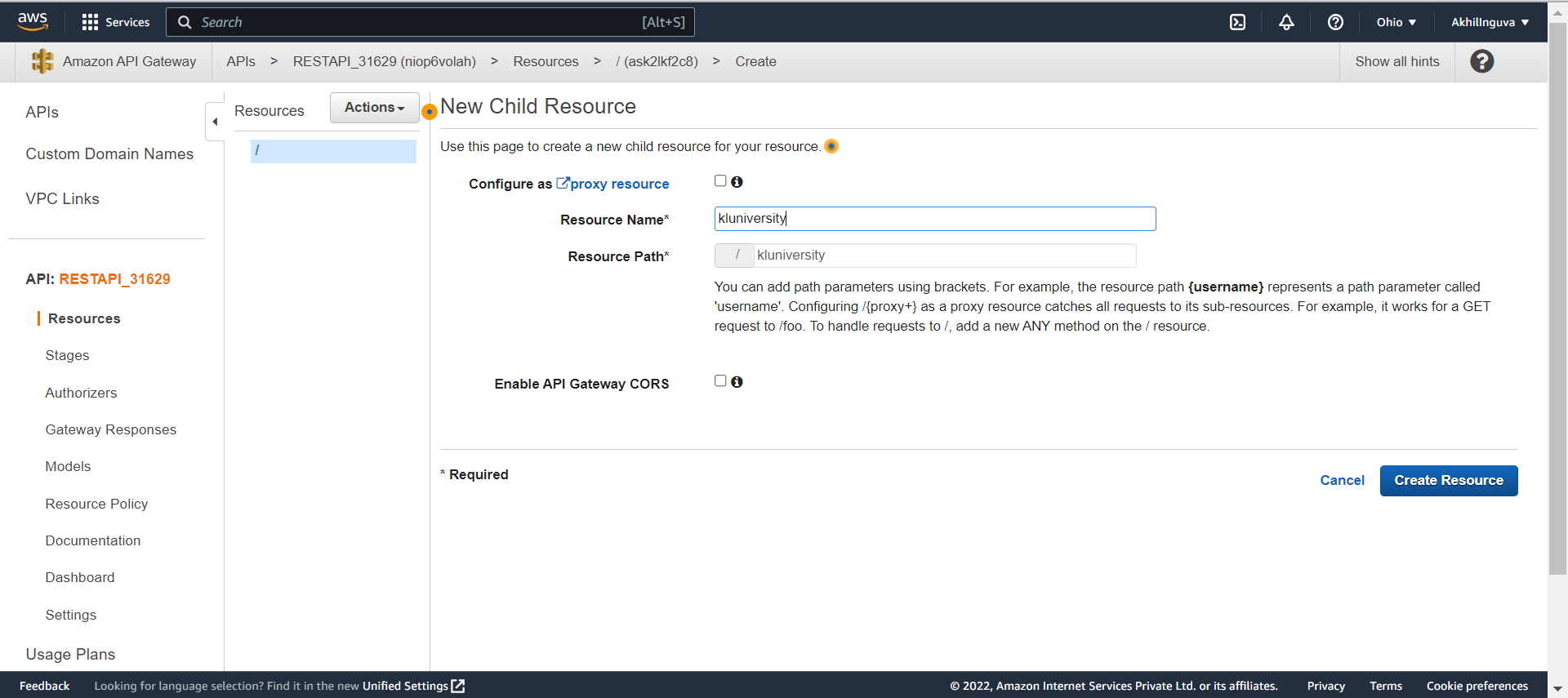
REST API:

Graphical user interface, application

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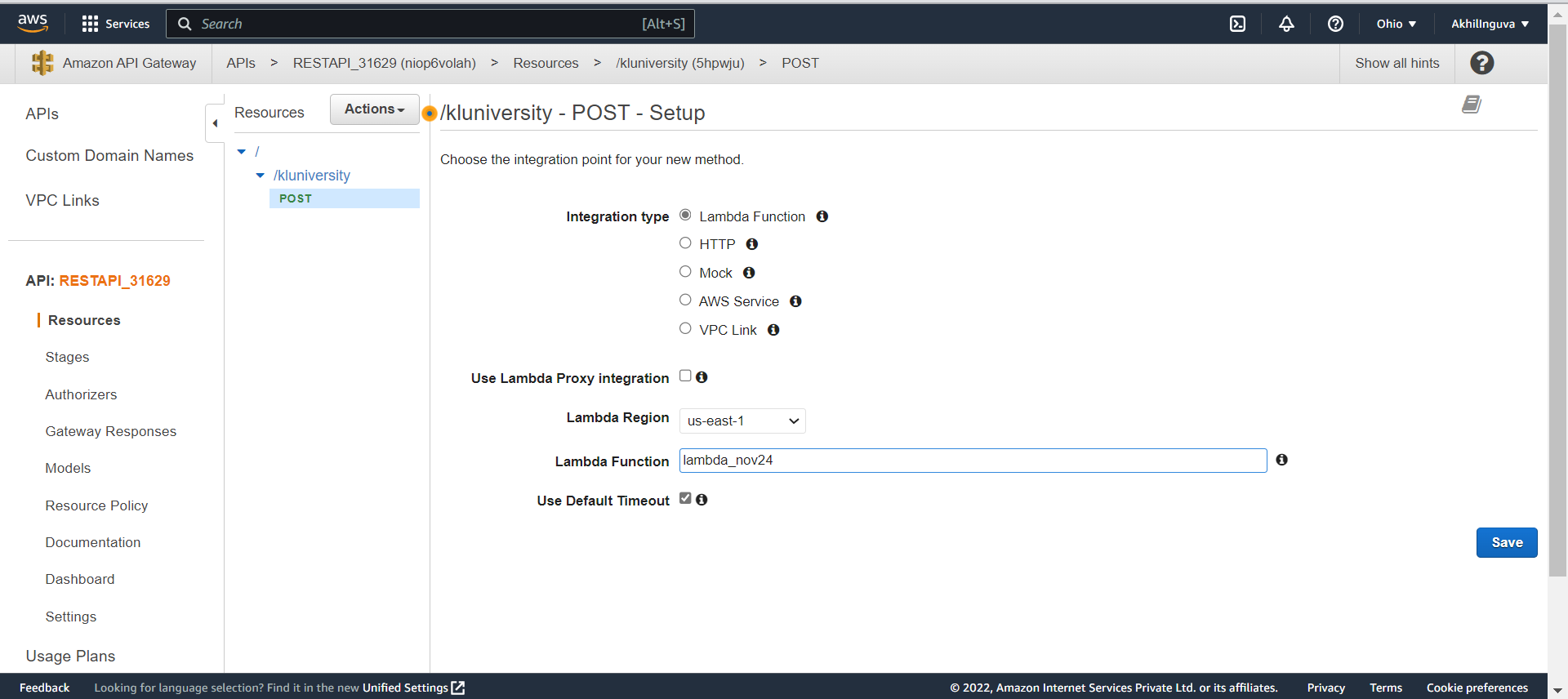






Graphical user interface, text

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Graphical user interface, text, application

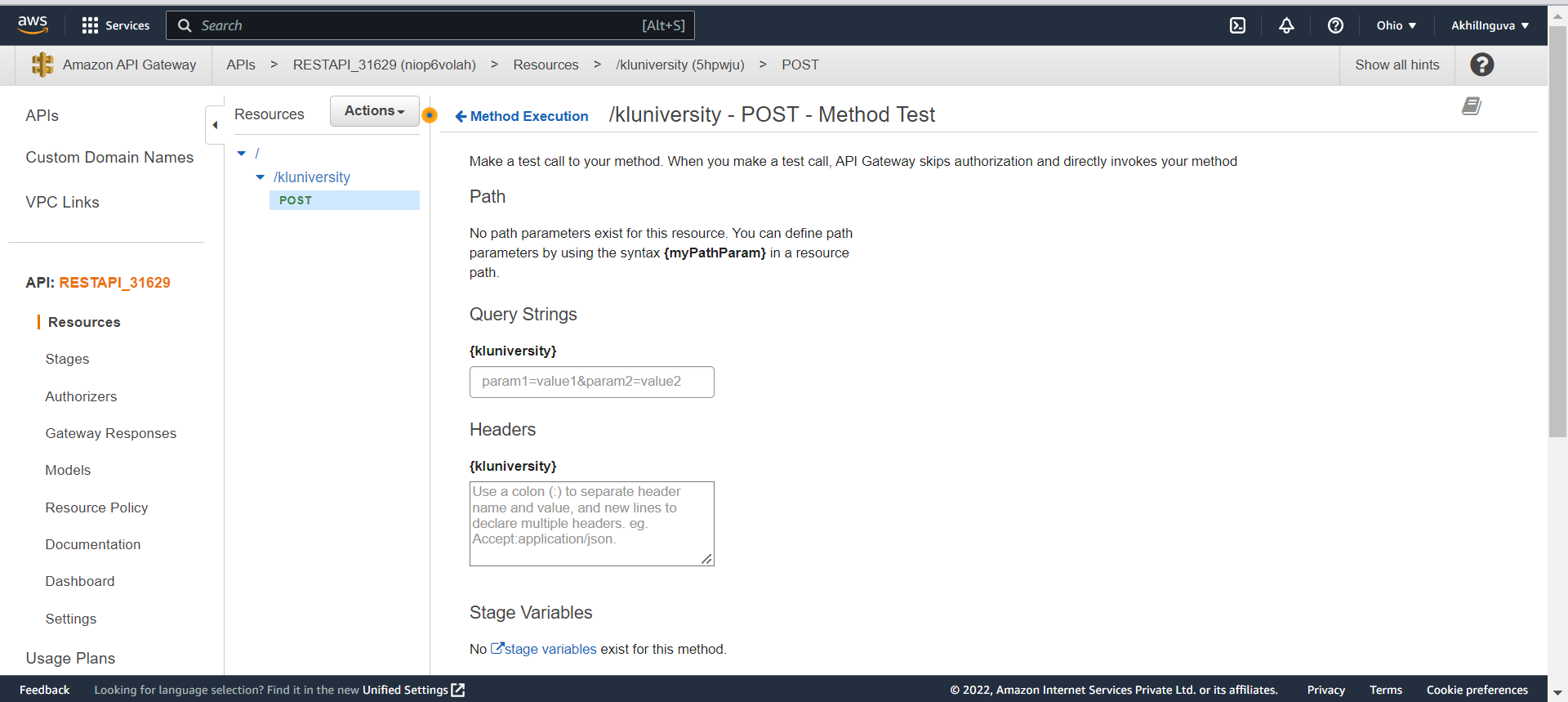
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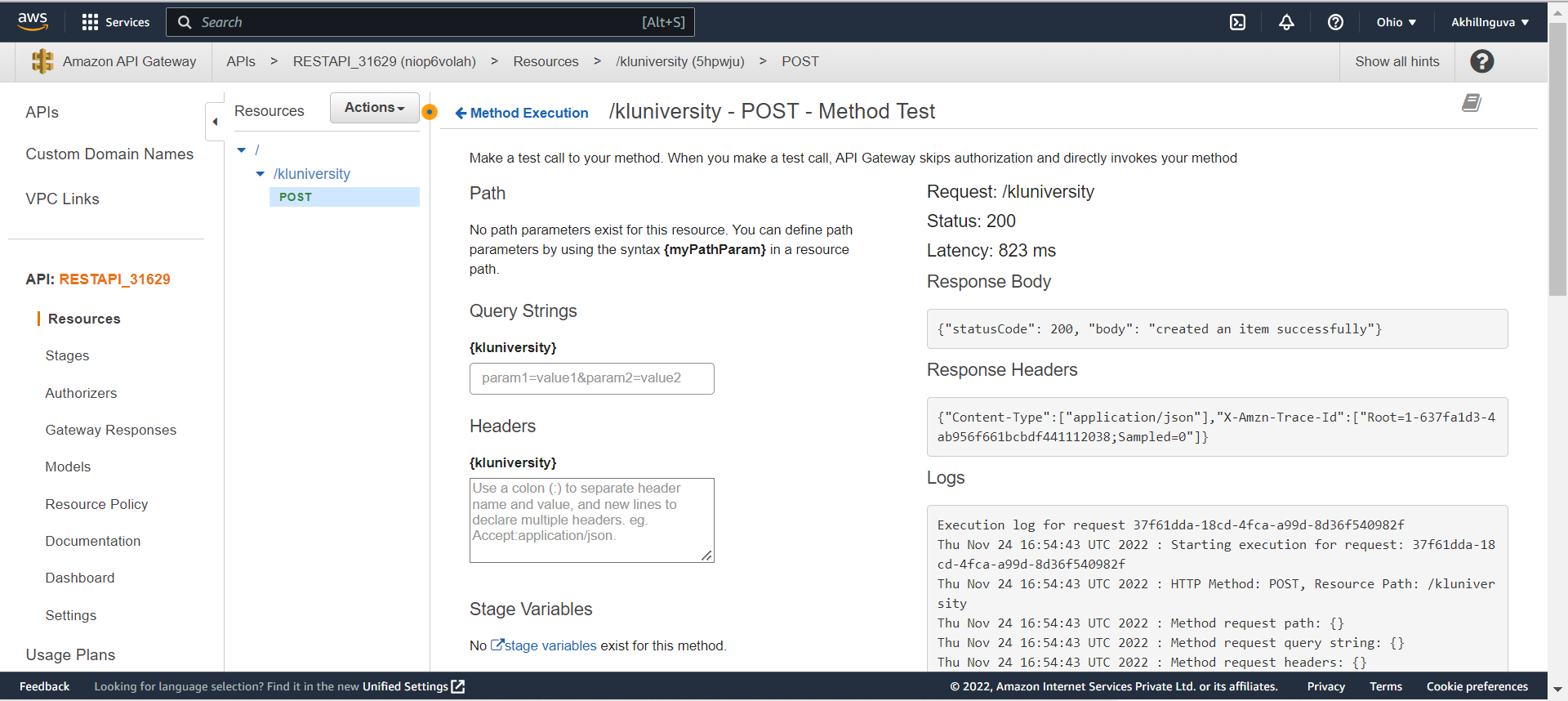
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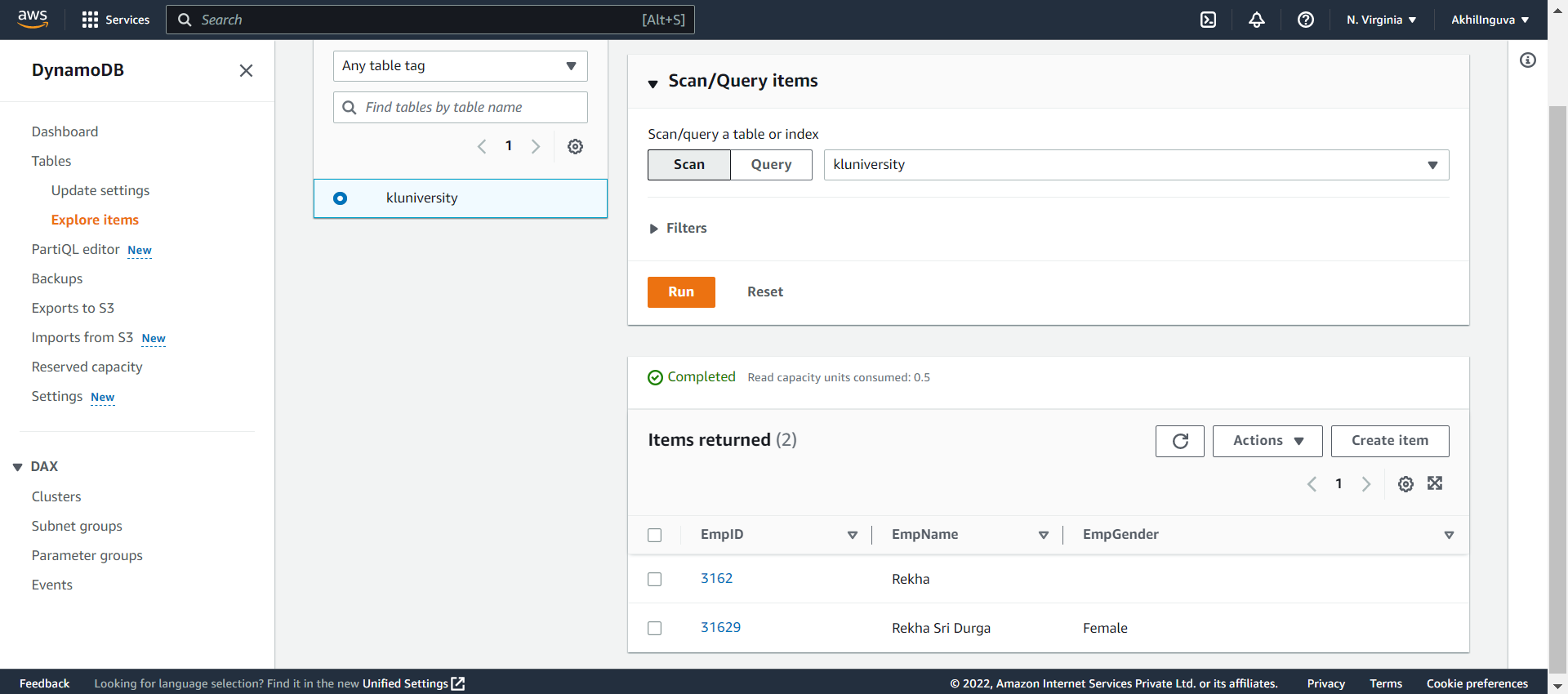
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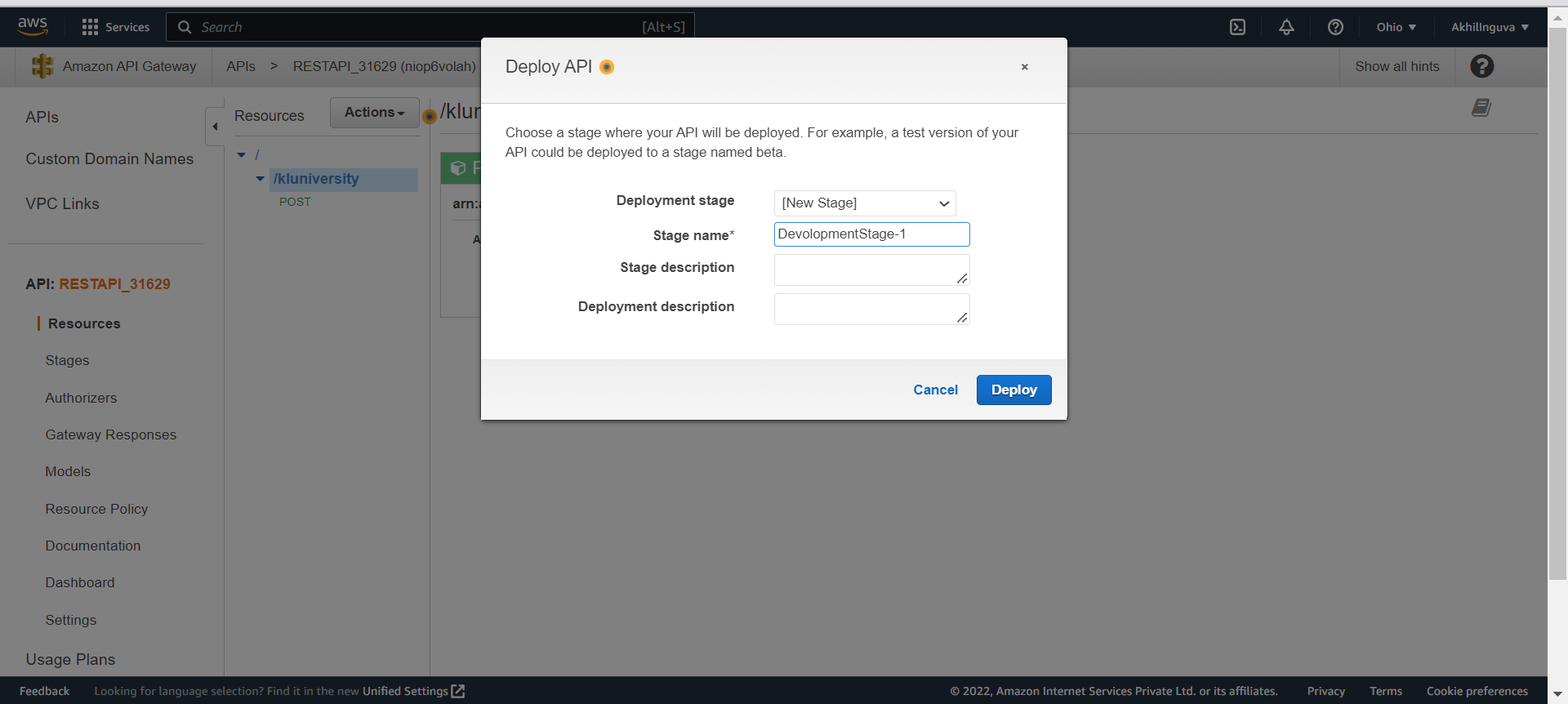
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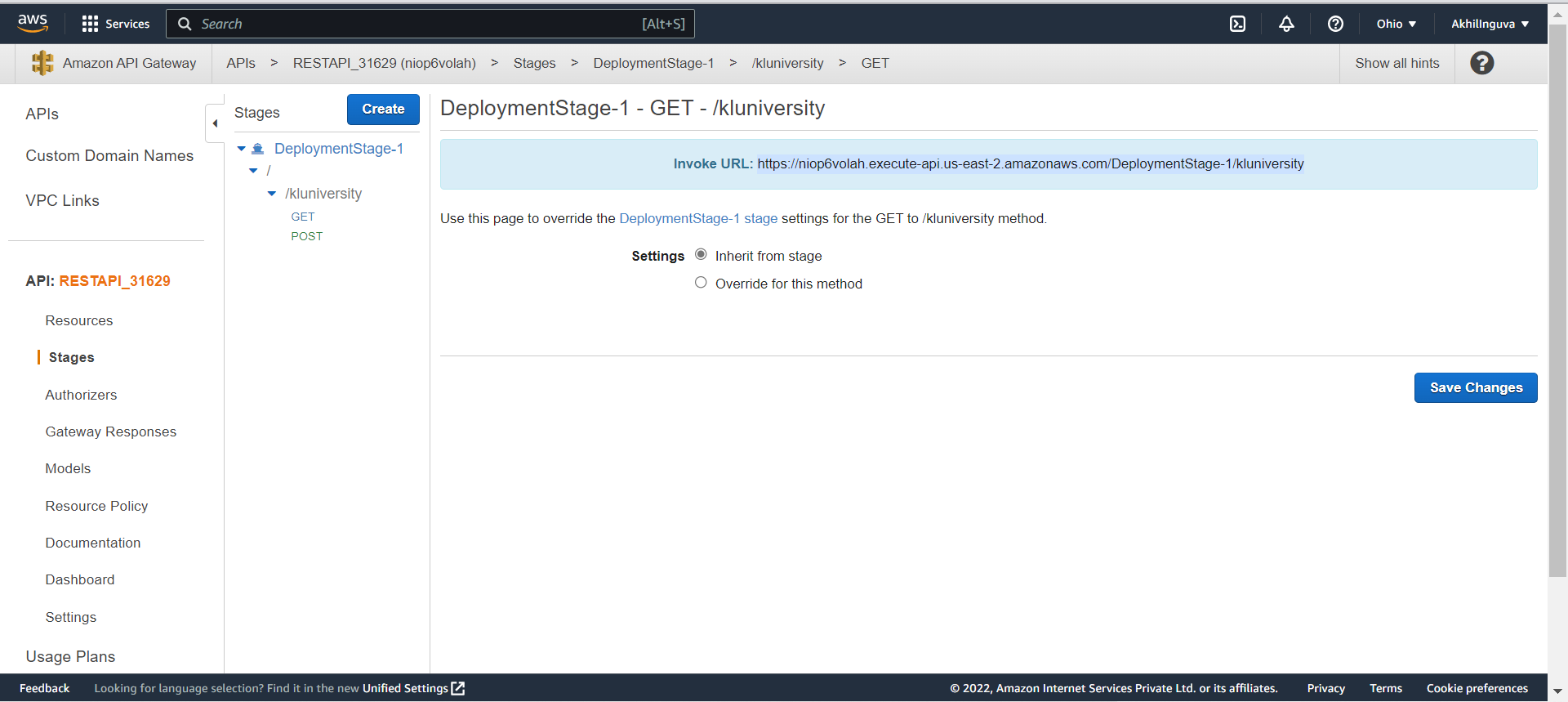
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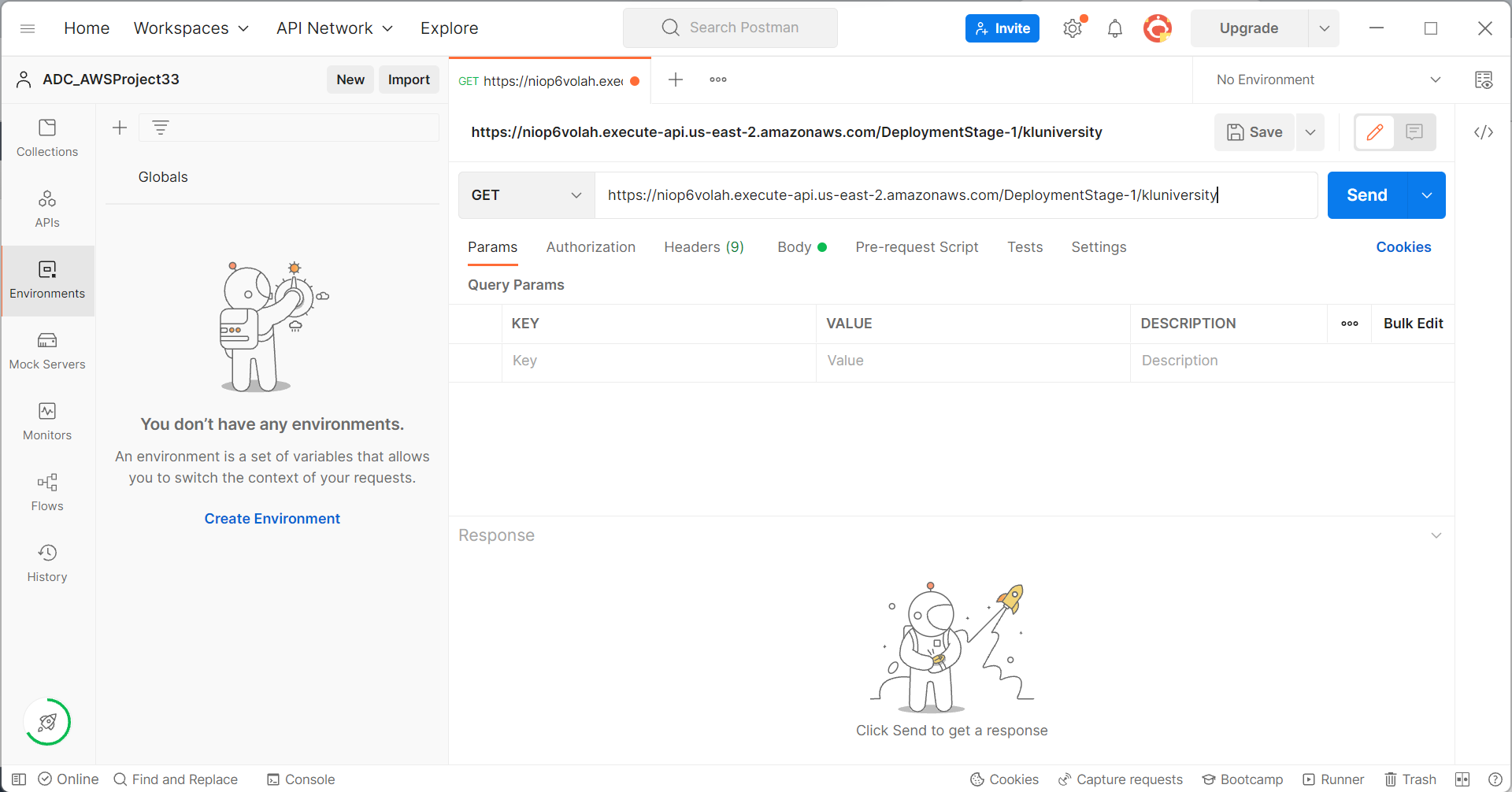
Description automatically generated



In above pic,we have created only one method POST,same as before create a method GET and select that and create the DeploymentStage-1



Copy the Invoke URL and open POSTMAN app

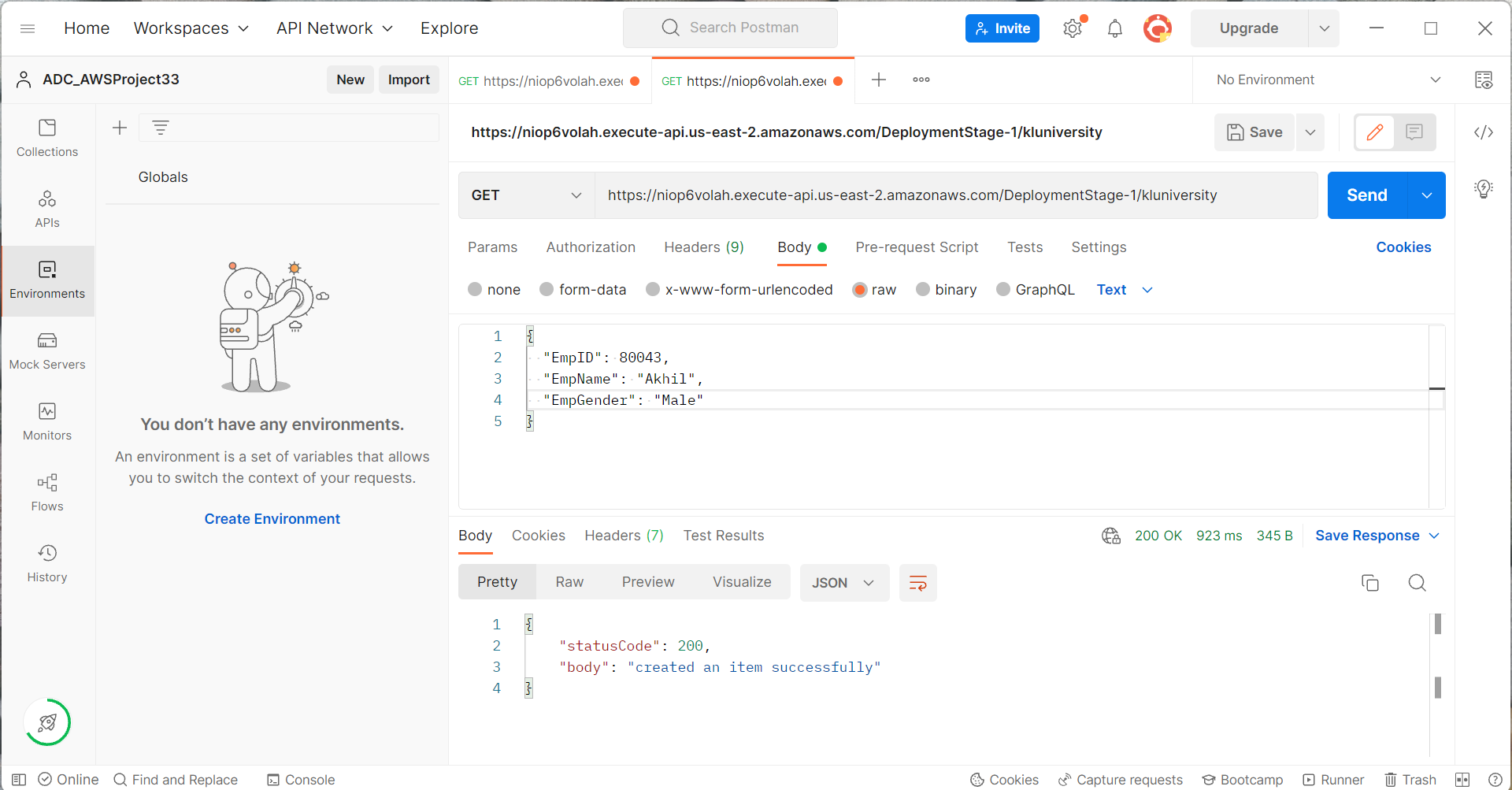


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The Above Image Incidates created an Item Successfully due to the code in the Lambda Function is only creating an item….

For GET method to work ,in lambda function table.get\_item(Key=event) is used in the code

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Now this code has been executed,So go to Postman and execute it  
Output of GET Function in Postman:

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Description automatically generated