2. Creating a Serverless API

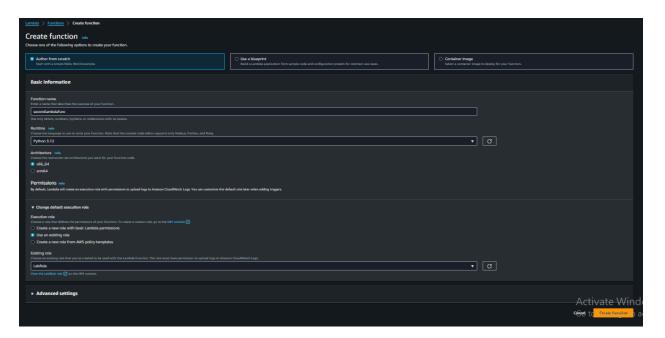
Objective: Develop a serverless API using AWS Lambda and API Gateway.

Approach:

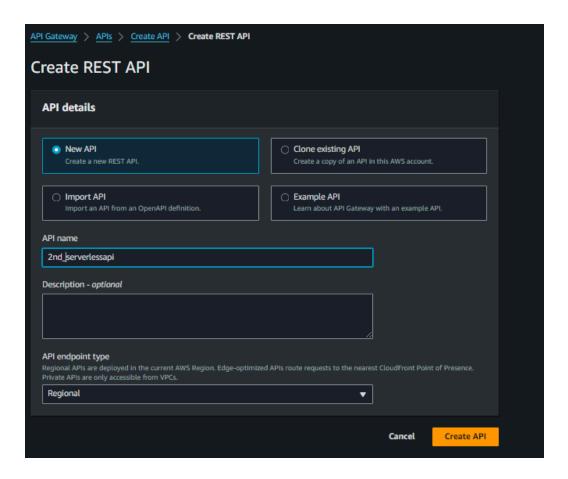
- **Define API**: Design a simple RESTful API (e.g., for a todo list application).
- Lambda Functions: Create Lambda functions for each API method (GET, POST, PUT, DELETE).
- **API Gateway Setup**: Use API Gateway to set up the API endpoints, connecting each endpoint to the corresponding Lambda function.
- Testing: Test the API using tools like Postman or AWS API Gateway test functionality.

Goal: Gain hands-on experience in building and deploying a serverless API, understanding the integration between Lambda and API Gateway.

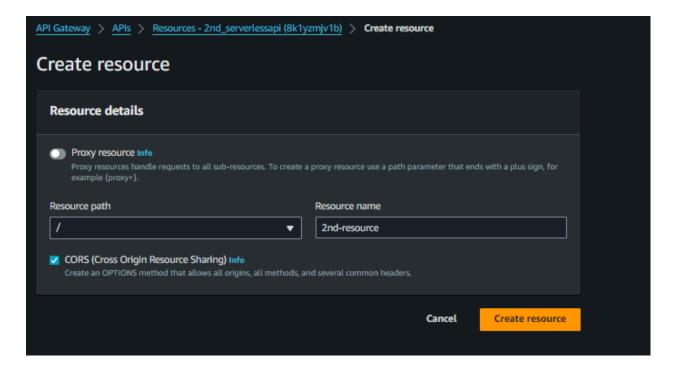
1. Created the lambda function and assigned the LabRole



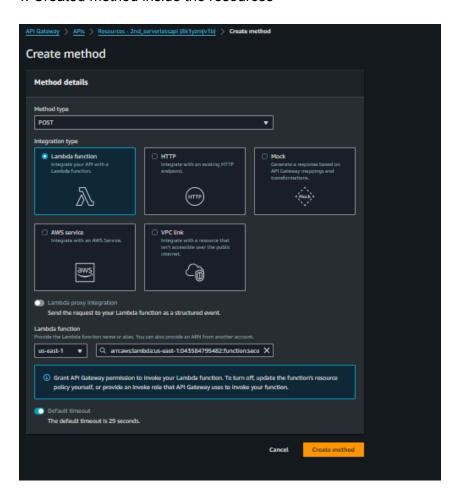
2. Created the REST API



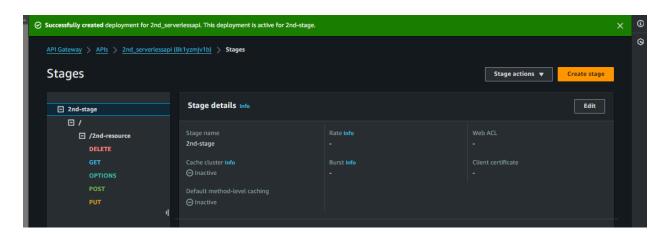
3. Created the resources



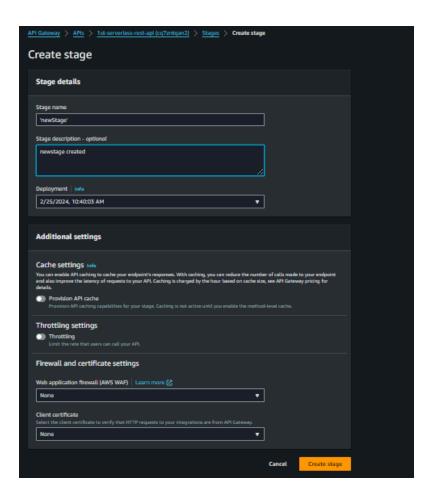
4. Created method inside the resources



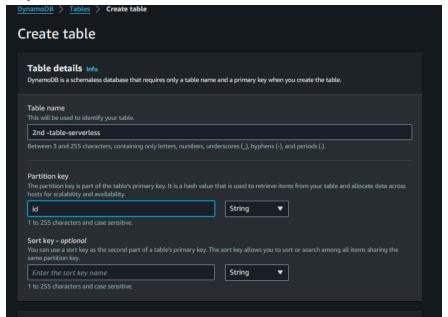
5. In similar way all four methods were created: PUT, POST, DELETE, GET



6.Stage Created and deployed API



6.DynamoDb table created:



7.API Tested on POSTMAN

