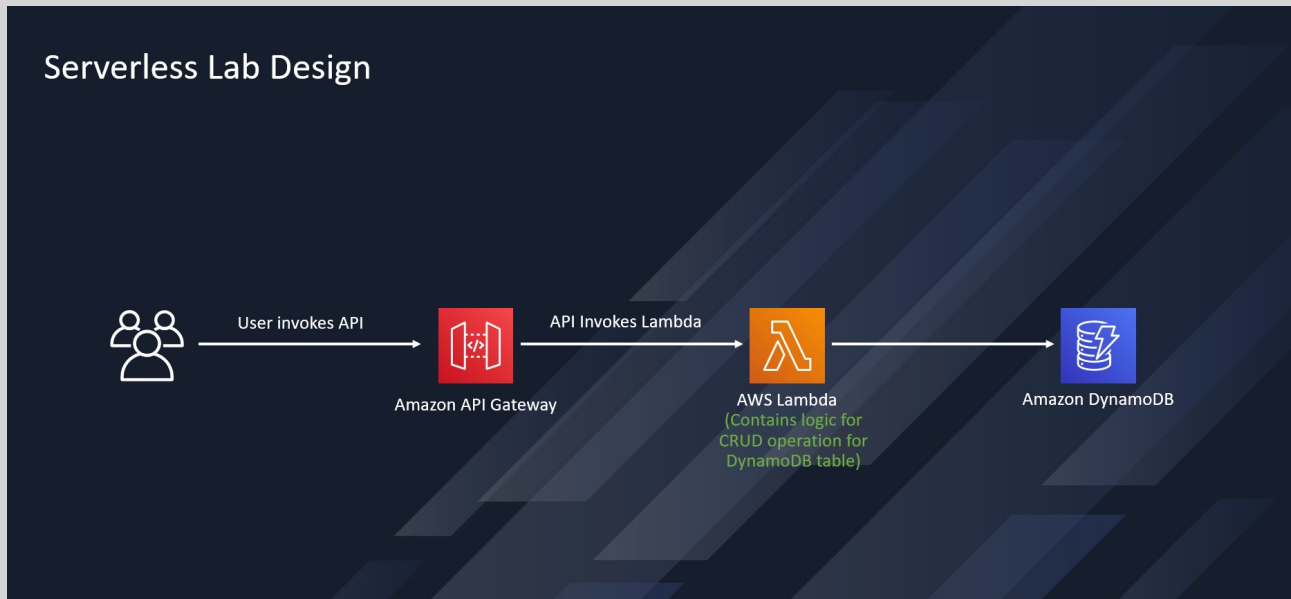


# Serverless-lab

## 1. High-level-design



## Step 1: Creating the required IAM role

aws Services Search [Option+S]

Global vivekdangi @ vivek-dangi-aws

### Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

- User groups
- Users
- Roles**
- Policies
- Identity providers
- Account settings

Access reports

- Access Analyzer
- External access
- Unused access
- Analyzer settings
- Credential report
- Organization activity
- Service control policies (SCPs)

lambda-apigateway-role [Info](#) [Delete](#)

Allows Lambda functions to call AWS services on your behalf.

#### Summary [Edit](#)

Creation date	December 24, 2023, 23:07 (UTC+05:30)	ARN	arn:aws:iam::828987198784:role/lambda-apigateway-role
Last activity	<span>35 minutes ago</span>	Maximum session duration	1 hour

[Permissions](#) [Trust relationships](#) [Tags](#) [Access Advisor](#) [Revoke sessions](#)

#### Permissions policies (2) [Info](#)

You can attach up to 10 managed policies.

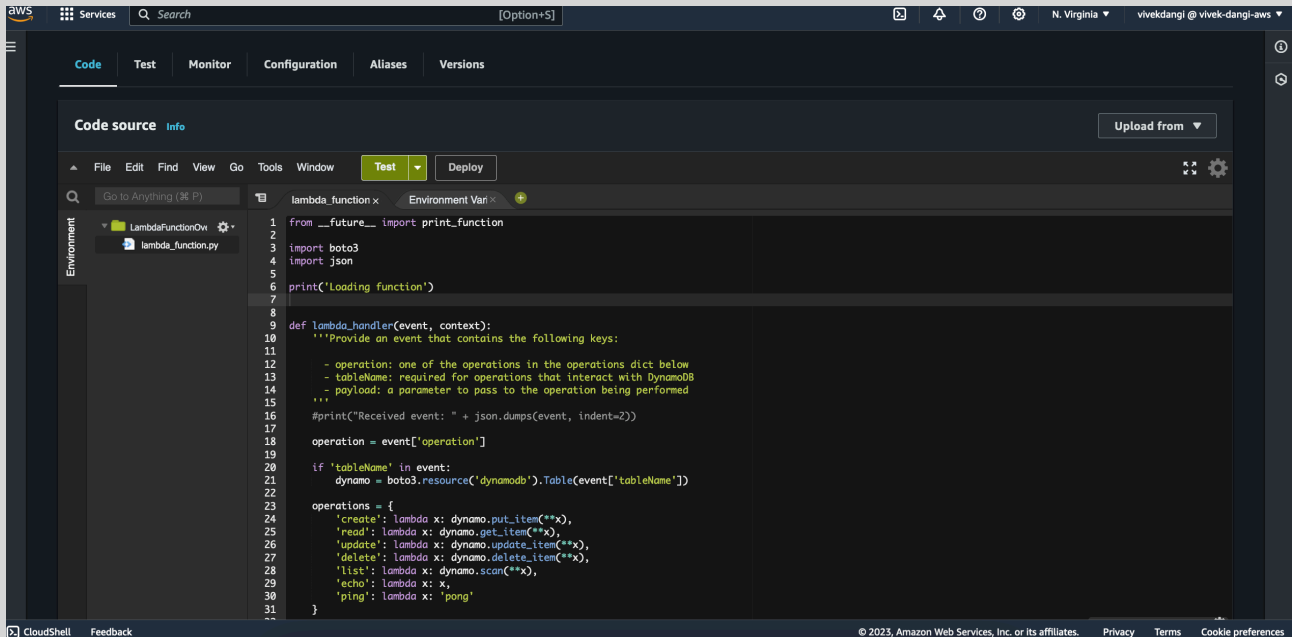
[Refresh](#) [Simulate](#) [Remove](#) [Add permissions](#)

Search Filter by Type All types

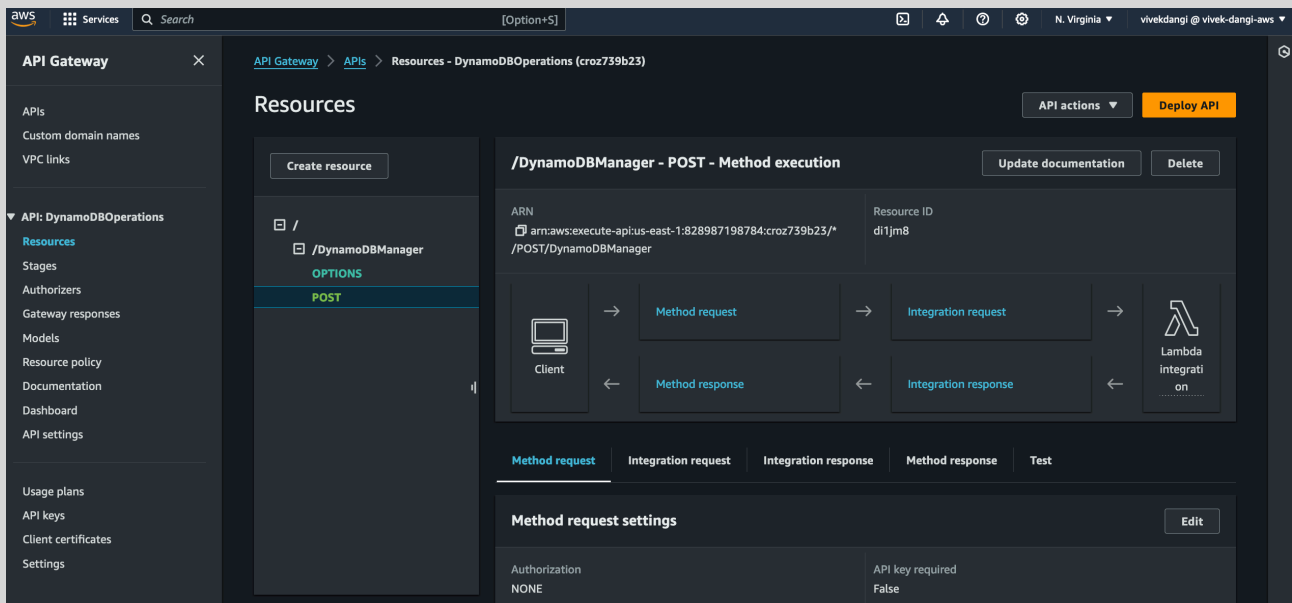
<input type="checkbox"/>	Policy name <a href="#">Info</a>	Type	Attached entities
<input type="checkbox"/>	AmazonCloudWatchEvidentlyFullAccess	AWS managed	1
<input type="checkbox"/>	AmazonDynamoDBFullAccess	AWS managed	1

# Serverless-lab

## Step 2: Setting up the lambda function

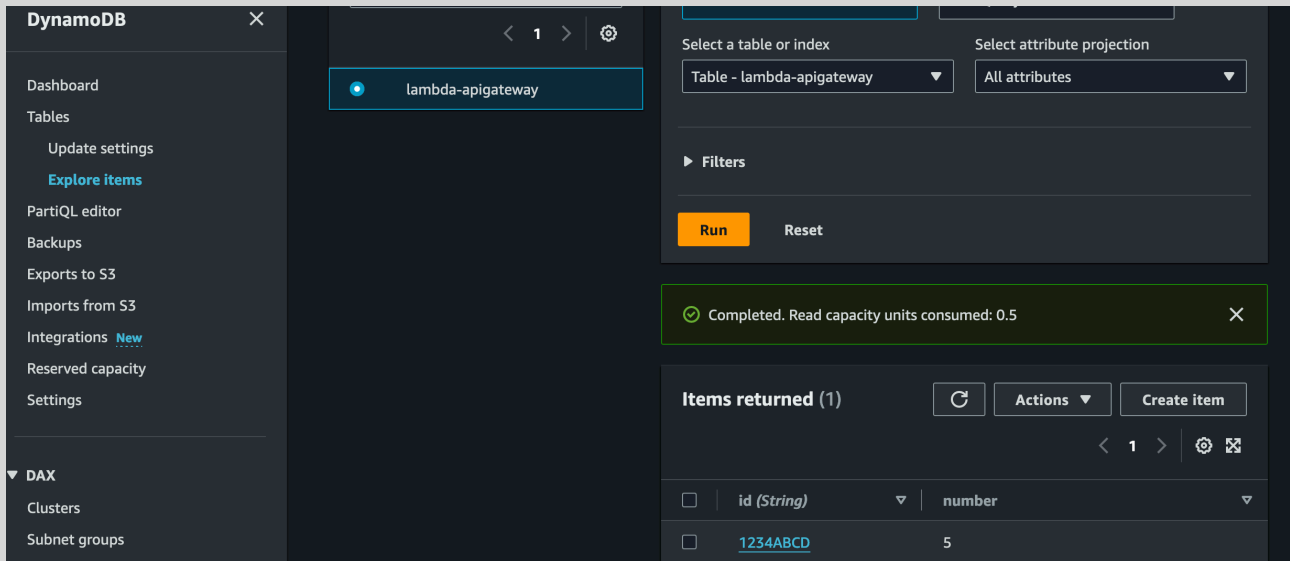


## Step 3: Configuring API gateway

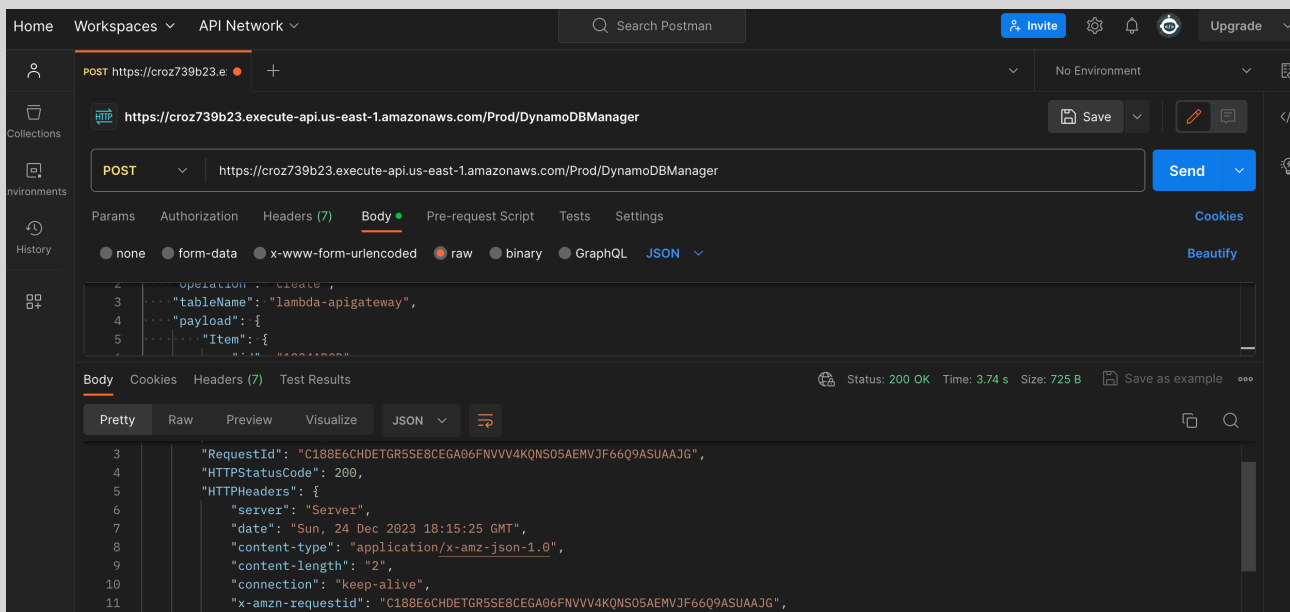


# Serverless-lab

## Step 4: Configuring Dynamo DB



## Step 5: Calling API Gateway API from Postman



# Serverless-lab

## Step 6: Checking the date stored in Dynamo DB table

The screenshot shows the AWS Management Console interface for editing a DynamoDB item. The breadcrumb navigation indicates the path: **DynamoDB** > **Explore items: lambda-apigateway** > **Edit item**. The page title is **Edit item**, and there are tabs for **Form** and **JSON view**. A message states: "You can add, remove, or edit the attributes of an item. You can nest attributes inside other attributes up to 32 levels deep. [Learn more](#)".

The **Attributes** section contains a table with the following data:

Attribute name	Value	Type
id - Partition key	1234ABCD	String
number	5	Number

At the bottom right, there are three buttons: **Cancel**, **Save**, and **Save and close** (highlighted in orange).