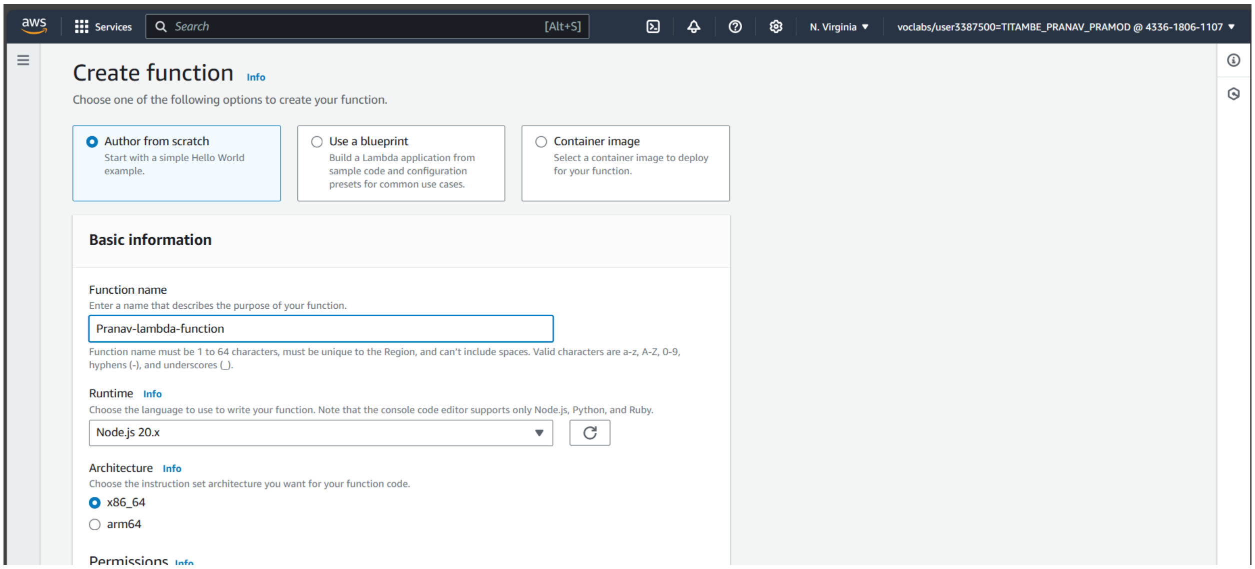
ADVANCE DEVOPS EXP-11

NAME-PRANAV TITAMBE D15A/62

Step 1: Create a lambda function on AWS.



Create function Info

Choose one of the following options to create your function.

● Author from scratch
Start with a simple Hello World example.

○ Use a blueprint
Build a Lambda application from sample code and configuration presets for common use cases.

○ Container image
Select a container image to deploy for your function.

Basic information

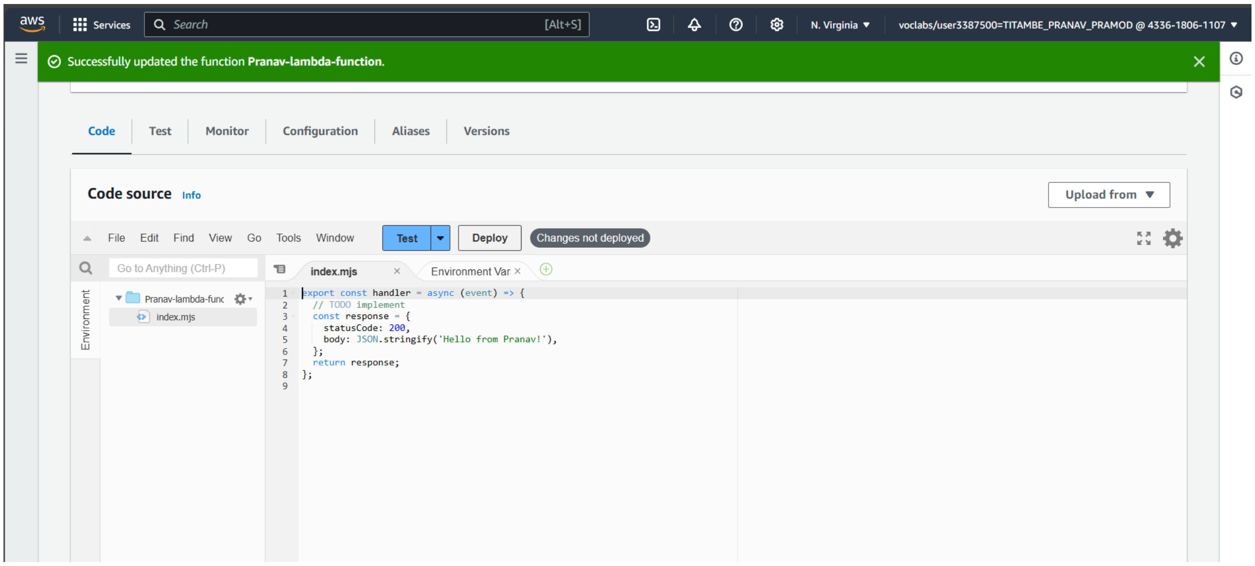
Function name
Enter a name that describes the purpose of your function.
Pranav-lambda-function
Function name must be 1 to 64 characters, must be unique to the Region, and can't include spaces. Valid characters are a-z, A-Z, 0-9, hyphens (-), and underscores (_).

Runtime Info
Choose the language to use to write your function. Note that the console code editor supports only Node.js, Python, and Ruby.
Node.js 20.x

Architecture Info
Choose the instruction set architecture you want for your function code.
● x86_64
○ arm64

Permissions Info

Step 2: There are blueprints mentioned while creating a lambda function choose hello world blueprint.



Successfully updated the function Pranav-lambda-function.

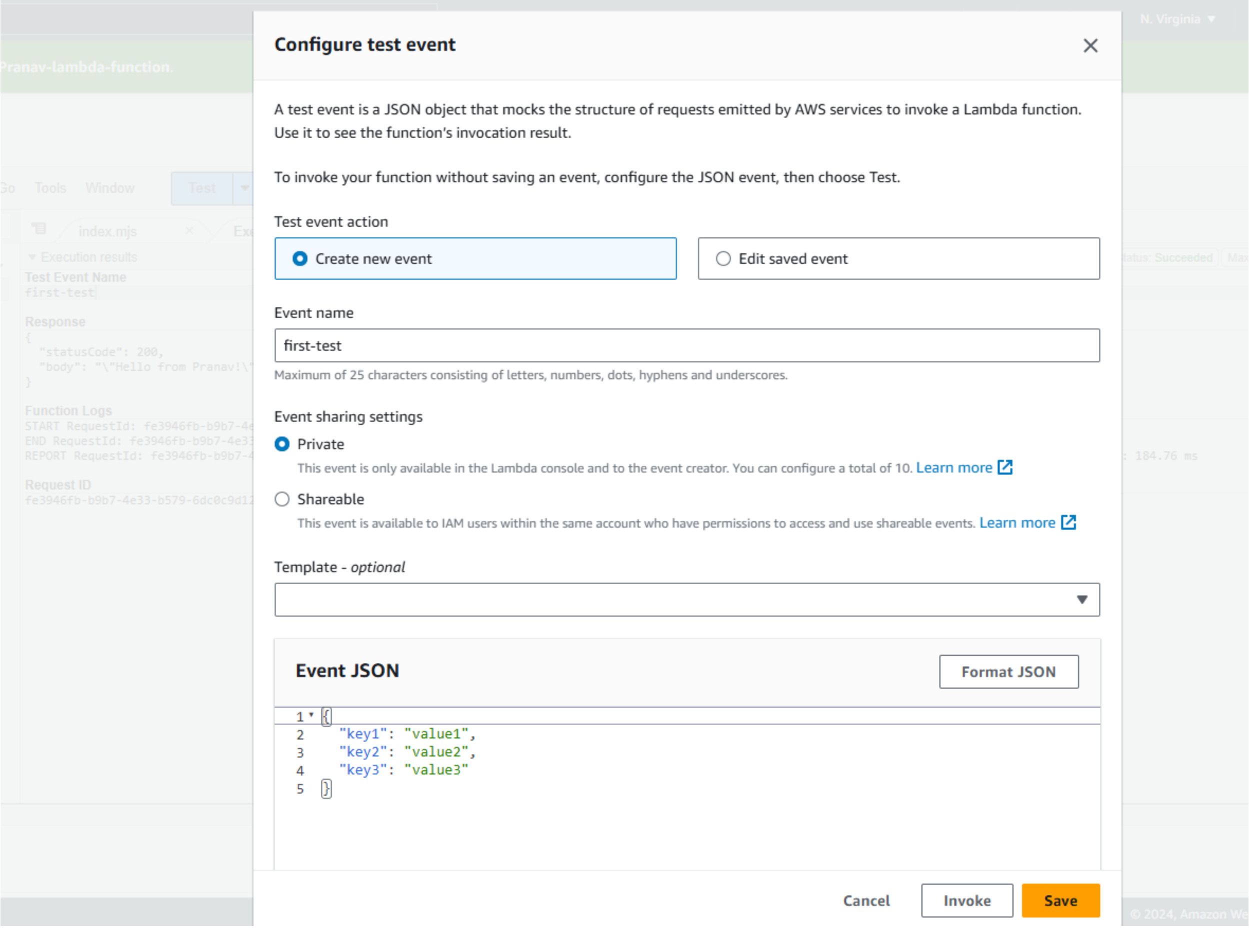
Code source Info

Changes not deployed

index.mjs

```
export const handler = async (event) => {
  // TODO implement
  const response = {
    statusCode: 200,
    body: JSON.stringify('Hello from Pranav!'),
  };
  return response;
};
```

Step 3: Then deploy the function and click on test to test the function. You need to create the test function, ensure the event is in proper json format.



Configure test event

A test event is a JSON object that mocks the structure of requests emitted by AWS services to invoke a Lambda function. Use it to see the function's invocation result.

To invoke your function without saving an event, configure the JSON event, then choose Test.

Test event action

● Create new event ○ Edit saved event

Event name: first-test

Maximum of 25 characters consisting of letters, numbers, dots, hyphens and underscores.

Event sharing settings

● Private

This event is only available in the Lambda console and to the event creator. You can configure a total of 10. Learn more

○ Shareable

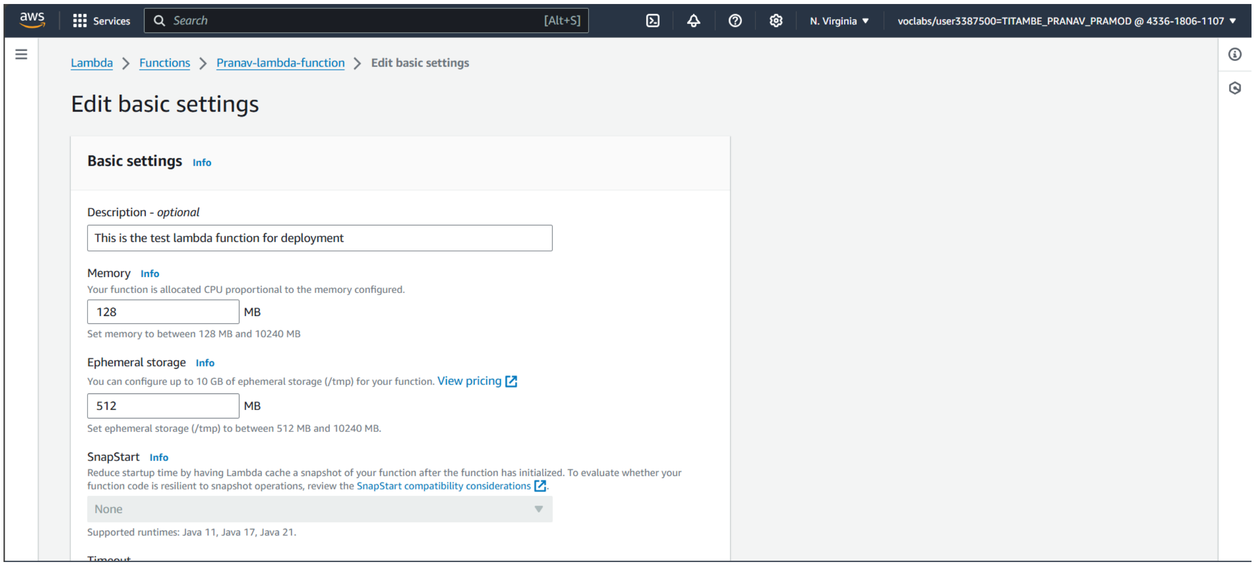
This event is available to IAM users within the same account who have permissions to access and use shareable events. Learn more

Template - *optional*

Event JSON

```
{
  "key1": "value1",
  "key2": "value2",
  "key3": "value3"
}
```

Step 4: Once the test event is created then click on test and you will get the results.



aws
Services
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N. Virginia ▾
voclabs/user3387500=TITAMBE_PRANAV_PRAMOD @ 4336-1806-1107 ▾

Lambda > Functions > Pranav-lambda-function > Edit basic settings

Edit basic settings

Basic settings Info

Description - *optional*: This is the test lambda function for deployment

Memory Info

Your function is allocated CPU proportional to the memory configured.

128 MB

Set memory to between 128 MB and 10240 MB

Ephemeral storage Info

You can configure up to 10 GB of ephemeral storage (/tmp) for your function. View pricing

512 MB

Set ephemeral storage (/tmp) to between 512 MB and 10240 MB.

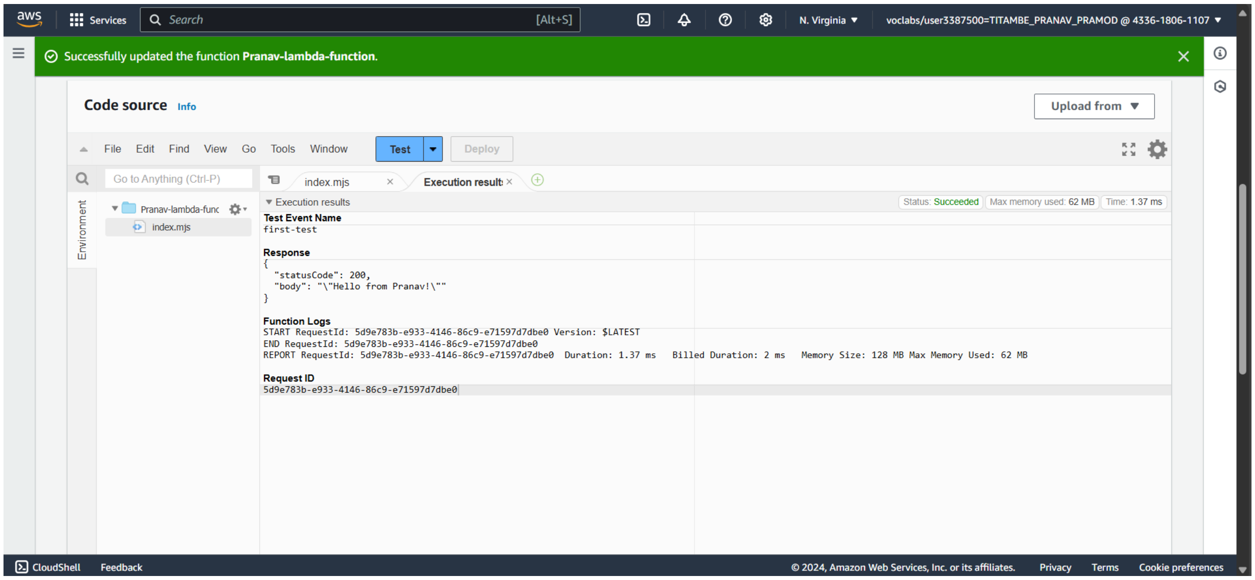
SnapStart Info

Reduce startup time by having Lambda cache a snapshot of your function after the function has initialized. To evaluate whether your function code is resilient to snapshot operations, review the SnapStart compatibility considerations.

None

Supported runtimes: Java 11, Java 17, Java 21.

Timeout



Successfully updated the function **Pranav-lambda-function**.

Code source

▼ Execution results

Status: Succeeded | Max memory used: 62 MB | Time: 1.37 ms

Test Event Name

```
first-test
```

Response

```
{
  "statusCode": 200,
  "body": "\"Hello from Pranav!\""
}
```

Function Logs

```
START RequestId: 5d9e783b-e933-4146-86c9-e71597d7dbe0 Version: $LATEST
END RequestId: 5d9e783b-e933-4146-86c9-e71597d7dbe0
REPORT RequestId: 5d9e783b-e933-4146-86c9-e71597d7dbe0  Duration: 1.37 ms   Billed Duration: 2 ms   Memory Size: 128 MB Max Memory Used: 62 MB
```

Request ID

```
5d9e783b-e933-4146-86c9-e71597d7dbe0
```