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us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions Guest (2)

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Lambda

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Functions (5)

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<input type="checkbox"/>	Function name	Description	Package type	Runtime	Last modified
<input type="checkbox"/>	MainMonitoringFunction	-	Zip	Python 3.8	3 months ago
<input type="checkbox"/>	RedshiftEventSubscription	Create Redshift event subscription to SNS Topic.	Zip	Python 3.8	3 months ago
<input type="checkbox"/>	RoleCreationFunction	Create SLR if absent	Zip	Python 3.8	3 months ago
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Launch AWS Academy Learner x Create function | Functions | Lambda x +

us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/create/function Guest (2)

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Create function

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.

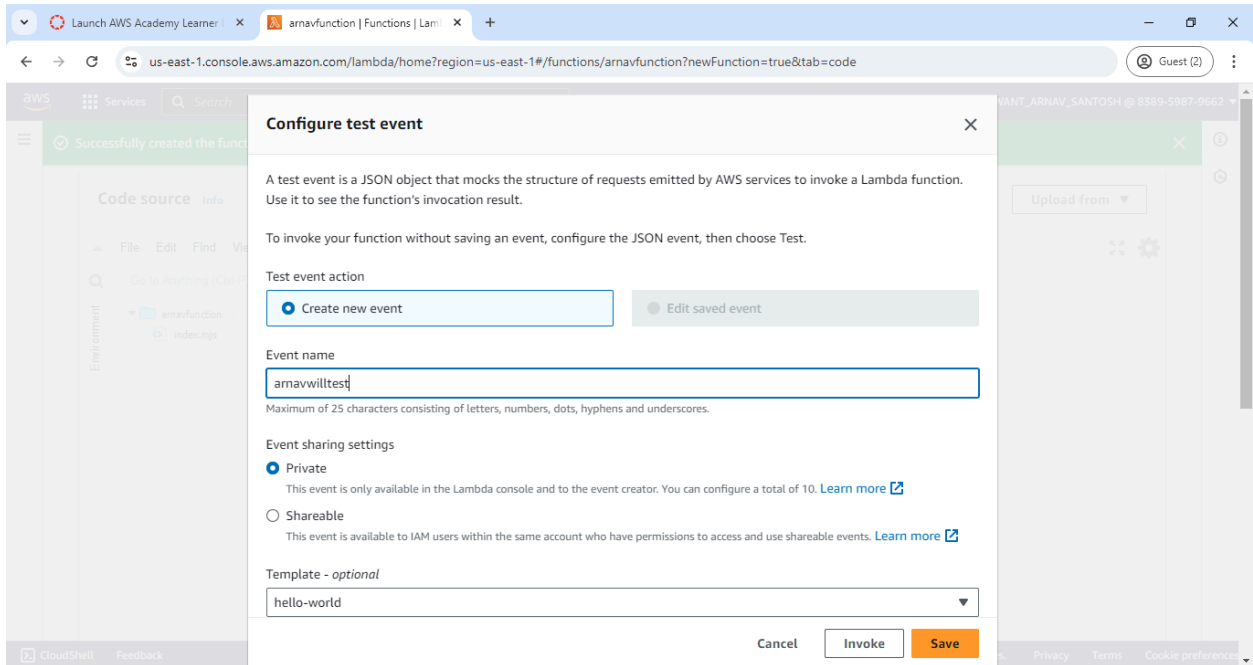
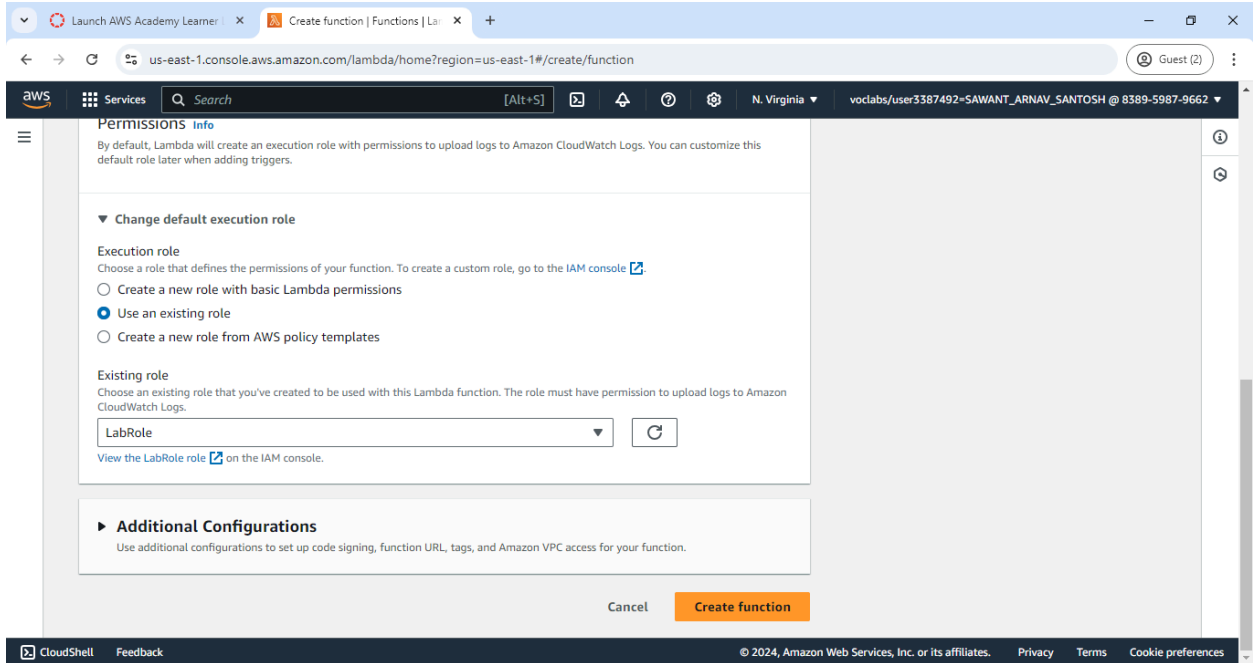
Function name must be 1 to 64 characters, must be unique to the Region, and can't include spaces. Valid characters are a-z, A-Z, 0-9, hyphens (-), and underscores (_).

Runtime [Info](#)
Choose the language to use to write your function. Note that the console code editor supports only Node.js, Python, and Ruby.

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Architecture [Info](#)

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Launch AWS Academy Learner | x | arnavfunction | Functions | Lami | x | +

us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/arnavfunction?newFunction=true&tab=code

Guest (2)

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The test event **arnavwilltest** was successfully saved.

Code source Info

Upload from

File Edit Find View Go Tools Window Test Deploy

Go to Anything (Ctrl-P)

Environment

arnavfunction - / index.mjs

Execution results

Test Event Name: arnavwilltest

Status: Succeeded Max memory used: 62 MB Time: 12.92 ms

Response

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

Function Logs

START RequestId: e0916cdf-ec88-44ce-82a4-872112d67e55 Version: \$LATEST

END RequestId: e0916cdf-ec88-44ce-82a4-872112d67e55

REPORT RequestId: e0916cdf-ec88-44ce-82a4-872112d67e55 Duration: 12.92 ms Billed Duration: 13 ms Memory Size: 128 MB Max Memory Used: 62 MB

Request ID

e0916cdf-ec88-44ce-82a4-872112d67e55

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us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/arnavfunction?newFunction=true&tab=code

Guest (2)

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Successfully updated the function **arnavfunction**.

Code Test Monitor Configuration Aliases Versions

Code source Info

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Go to Anything (Ctrl-P)

Environment

arnavfunction - / arnav.mjs

arnav.mjs

```
1 exports.handler = async (event) => {
2   const name = event.name || 'Arnav';
3   const message = `Hello, ${name}!`;
4
5   return {
6     statusCode: 200,
7     body: JSON.stringify({ message }),
8   };
9 };
10
```

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us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/arnavfunction?newFunction=true&tab=code

Successfully updated the function **arnavfunction**.

Code source

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Go to Anything (Ctrl-P)

Environment

- arnavfunction -
- arnav.mjs
- index.mjs

```
1 exports.handler = async (event) => {
2   const name = event.name || 'Arnav';
3   const message = `Hello, I am ${name}!, I am here executing lambda functions on AWS`;
4
5   return {
6     statusCode: 200,
7     body: JSON.stringify({ message }),
8   };
9 };
10
```

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us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/arnavfunction?newFunction=true&tab=code

The test event **arnavnwone** was successfully saved.

Execution results

Status: **Failed** | Max memory used: 65 MB | Time: 191.15 ms

Test Event Name: arnavnwone

Response

```
{
  "errorMessage": "ReferenceError",
  "errorMessage": "exports is not defined in ES module scope",
  "trace": [
    "ReferenceError: exports is not defined in ES module scope",
    "    at file:///var/task/index.mjs:1:1",
    "    at ModuleJob.run (node:internal/modules/esm/module_job:234:25)",
    "    at async ModuleLoader.import (node:internal/modules/esm/loader:473:24)",
    "    at async _tryAwaitImport (file:///var/runtime/index.mjs:1008:16)",
    "    at async _tryRequire (file:///var/runtime/index.mjs:1057:86)",
    "    at async _loadUserApp (file:///var/runtime/index.mjs:1081:16)",
    "    at async UserFunction.js.module.exports.load (file:///var/runtime/index.mjs:1119:21)",
    "    at async start (file:///var/runtime/index.mjs:1282:23)",
    "    at async file:///var/runtime/index.mjs:1288:1"
  ]
}
```

Function Logs

Log Group	Log Stream	Message
arnavnwone	arnavnwone	2024-10-08T09:39:00.606Z undefined ERROR Uncaught Exception {"errorMessage":"exports is not defined in ES module scope","errorType":"ReferenceError"} Error Type: Runtime.Unknown
arnavnwone	arnavnwone	2024-10-08T09:39:01.789Z undefined ERROR Uncaught Exception {"errorMessage":"exports is not defined in ES module scope","errorType":"ReferenceError"} Error Type: Runtime.Unknown
arnavnwone	arnavnwone	INIT_REPORT Init Duration: 1452.90 ms Phase: invoke Status: error Error Type: Runtime.Unknown
arnavnwone	arnavnwone	START RequestId: d0f9bb8-ecb8-4b3e-ab58-1a292bd30e98 Version: \$LATEST
arnavnwone	arnavnwone	END RequestId: d0f9bb8-ecb8-4b3e-ab58-1a292bd30e98
arnavnwone	arnavnwone	REPORT RequestId: d0f9bb8-ecb8-4b3e-ab58-1a292bd30e98 Duration: 1462.74 ms Billed Duration: 1463 ms Memory Size: 128 MB Max Memory Used: 65 MB

Request ID: d0f9bb8-ecb8-4b3e-ab58-1a292bd30e98

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us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/arnavfunction?newFunction=true&tab=code

Successfully updated the function **arnavfunction**.

Code source

File Edit Find View Go Tools Window Test Deploy

Go to Anything (Ctrl-P)

Environment

- arnavfunction -
- arnav.mjs
- index.mjs

```
1 export const handler = async (event) => {
2   // TODO: Implement
3   const name = "Arnav Sawant";
4   const message = `Hello my name is ${name}`;
5   const response = {
6     statusCode: 200,
7     body: JSON.stringify(message),
8   };
9   return response;
10 };
11
```

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us-east-1.console.aws.amazon.com/lambda/home?region=us-east-1#/functions/arnavfunction?newFunction=true&tab=code

Successfully updated the function **arnavfunction**.

Code source

File Edit Find View Go Tools Window Test Deploy

Go to Anything (Ctrl-P)

Environment

- arnavfunction -
- arnav.mjs
- index.mjs

Execution results

Status: Succeeded Max memory used: 62 MB Time: 13.11 ms

Test Event Name

arnavnwone

Response

```
{
  "statusCode": 200,
  "body": "\"Hello my name is Arnav Sawant\""
}
```

Function Logs

START RequestId: 5b15d399-6eae-4043-a5f1-68b335cc37c9 Version: \$LATEST

END RequestId: 5b15d399-6eae-4043-a5f1-68b335cc37c9

REPORT RequestId: 5b15d399-6eae-4043-a5f1-68b335cc37c9 Duration: 13.11 ms Billed Duration: 14 ms Memory Size: 128 MB Max Memory Used: 62 MB

Request ID

5b15d399-6eae-4043-a5f1-68b335cc37c9

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