

amazon.com/lambda/home?region=us-east-1#/functions

Dhara Mehta N. Virginia Support

Lambda > Functions

Last fetched 1 minute ago Actions Create function

Filter by tags and attributes or search by keyword

Function name	Description	Package type	Runtime	Code size	Last modified
myEC2LambdaFunction	Zip	Python 3.8	299 bytes	17 minutes ago	

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16:25 18-02-2021

console.aws.amazon.com/lambda/home?region=us-east-1#/functions/myEC2LambdaFunction?newFunction=true&tab=configuration

Services ▾  [Alt+S] Dhara Mehta N. Virginia

Successfully created the function **myEC2LambdaFunction**. You can now change its code and configuration. To invoke your function with a test event, choose "Test".

## myEC2LambdaFunction

Throttle Qualifiers Actions ▾ ec2 ▾

### Summary

Code SHA-256	Request ID
f106ZIRH/KN6Ra3twvdRIIUYaxv182TjxOqNWNIKhl=	d5de372e-6aba-4e7f-9d82-4909689201a1
Duration	Billed duration
0.88 ms	1 ms
Resources configured	Max memory used
128 MB	51 MB

### Log output

The section below shows the logging calls in your code. [Click here](#) to view the corresponding CloudWatch log group.

```
START RequestId: d5de372e-6aba-4e7f-9d82-4909689201a1 Version: $LATEST
END RequestId: d5de372e-6aba-4e7f-9d82-4909689201a1
REPORT RequestId: d5de372e-6aba-4e7f-9d82-4909689201a1 Duration: 0.88 ms Billed Duration: 1 ms Memory Size: 128 MB Max Memory Used: 51 MB
```

Configuration Permissions Monitoring

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## myEC2LambdaFunction

Throttle Qualifiers ▾ Actions ▾ ec2

Execution result: succeeded (logs)

▼ Details

The area below shows the result returned by your function execution. Learn more about returning results from your function.

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

**Summary**

Code SHA-256	Request ID
fI06ZlRH/KN6Ra3twvdRllUYaxv182Tjx0qNWNIKlhI=	d5de372e-6aba-4e7f-9d82-4909689201a1
Duration	Billed duration
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128 MB	51 MB

Log output

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Lambda > Functions > myEC2LambdaFunction ARN - arn:aws:lambda:us-east-1:231260520774:function:myEC2LambdaFunction

## myEC2LambdaFunction

Throttle Qualifiers Actions ec2 Test

Execution result: succeeded (logs) Details

Configuration Permissions Monitoring

Designer

Add trigger Add destination

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console.aws.amazon.com/lambda/home?region=us-east-1&functionName=myEC2LambdaFunction

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## myEC2LambdaFunction

Function code Info

File Edit Find View Go Tools Window Test Deploy Changes not deployed Actions ▾ Actions ▾

Environment Go to Anything (Ctrl-P) Untitled1

```
1 import json
2
3 import boto3
4
5 import time
6
7 from botocore.exceptions import ClientError
8
9 def lambda_handler(event, context):
10
11
12     # Provision and launch the EC2 instance
13     ec2_client = boto3.client('ec2')
14
15     try:
16         response = ec2_client.run_instances(ImageId='ami-0b69ea66ff7391e80',
17                                             InstanceType='t2.micro',
18                                             MinCount=1,
19                                             MaxCount=1)
20
21
22
23
24
25
```

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console.aws.amazon.com/lambda/home?region=us-east-1#/functions/myEC2LambdaFunction?newFunction=true&tab=configuration

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Lambda > Functions > myEC2LambdaFunction ARN - arn:aws:lambda:us-east-1:231260520774:function:myEC2LambdaFunction

**myEC2LambdaFunction**

Throttle Qualifiers Actions Select a test event

Configuration Permissions Monitoring

▼ Designer

+ Add trigger + Add destination

myEC2LambdaFunction

Layers (0)

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amazon.com/iam/home?region=us-east-1#/policies

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**mypolicy has been created.**

Create policy Policy actions

Filter policies Search

Policy name	Type	Used as	Description
AccessAnalyzerServiceRole...	AWS managed	None	Allow Access Analyzer to analyze resource metadata
AdministratorAccess	Job function	None	Provides full access to AWS services and resources
AdministratorAccess-Amplify	AWS managed	None	Grants account administrative permissions while explicitly allowing specific AWS services
AdministratorAccess-AWSE...	AWS managed	None	Grants account administrative permissions. Explicitly allows specific AWS services
AlexaForBusinessDeviceSe...	AWS managed	None	Provide device setup access to AlexaForBusiness services
AlexaForBusinessFullAccess	AWS managed	None	Grants full access to AlexaForBusiness resources and services
AlexaForBusinessGateway...	AWS managed	None	Provide gateway execution access to AlexaForBusiness services
AlexaForBusinessLifesizeD...	AWS managed	None	Provide access to Lifesize AVS devices
AlexaForBusinessNetworkP...	AWS managed	None	This policy enables Alexa for Business to perform automatic network discovery
AlexaForBusinessPolicyData...	AWS managed	All of the above	Provide access to Poly AVS devices

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Global ▾

[Create role](#)[Delete role](#) Search

Showing 13

**Role name** ▾**Trusted entities****Last activity** ▾

<input type="checkbox"/> aws-elasticbeanstalk-service-role	AWS service: elasticbeanstalk	48 days
<input type="checkbox"/> AWSServiceRoleForApplicationAutoSca...	AWS service: dynamodb.application-autoscal...	49 days
<input type="checkbox"/> AWSServiceRoleForAutoScaling	AWS service: autoscaling (Service-Linked role)	48 days
<input type="checkbox"/> AWSServiceRoleForDynamoDBReplicat...	AWS service: replication.dynamodb (Service-...	49 days
<input type="checkbox"/> AWSServiceRoleForECS	AWS service: ecs (Service-Linked role)	30 days
<input type="checkbox"/> AWSServiceRoleForElasticLoadBalancing	AWS service: elasticloadbalancing (Service-...	48 days
<input type="checkbox"/> AWSServiceRoleForGlobalAccelerator	AWS service: globalaccelerator (Service-Link...	None
<input type="checkbox"/> AWSServiceRoleForRDS	AWS service: rds (Service-Linked role)	Today
<input type="checkbox"/> AWSServiceRoleForSupport	AWS service: support (Service-Linked role)	None
<input type="checkbox"/> AWSServiceRoleForTrustedAdvisor	AWS service: trustedadvisor (Service-Linked ...	None
<input type="checkbox"/> ecsTaskExecutionRole	AWS service: ecs-tasks	30 days
<input checked="" type="checkbox"/> myrole	AWS service: lambda	None