




IAM Policies for the lambda function which grants it minimal permissions

Execution role [Refresh](#) [Edit](#) [View role document](#)

Role name
[Lambda-view-increment](#)

Resource summary

To view the resources and actions that your function has permission to access, choose a service.

	Amazon CloudWatch Logs 3 actions, 2 resources	▲
<input type="text" value="Q "/>		
	Amazon CloudWatch Logs 3 actions, 2 resources	✓
	Amazon DynamoDB 3 actions, 1 resource	▼

This is how the IAM Role looks like:

Permissions policies (2) [Info](#) [Refresh](#) [Simulate](#) [Remove](#) [Add permissions](#)

You can attach up to 10 managed policies.

Filter by Type All types < 1 > [Settings](#)

<input type="checkbox"/>	Policy name ↗	Type	Attached entities
<input type="checkbox"/>	+ AWSLambdaBasicExecutionRole-1cd7e6...	Customer managed	1
<input type="checkbox"/>	- dynamo-perm	Customer inline	0

dynamo-perm [Copy JSON](#) [Edit](#)

```
1 {  
2   "Version": "2012-10-17",  
3   "Statement": [  
4     {  
5       "Sid": "VisualEditor0",  
6       "Effect": "Allow",  
7       "Action": [  
8         "dynamodb:PutItem",  
9         "dynamodb:GetItem",  
10        "dynamodb:ListTables"  
11      ],  
12      "Resource": "*"   
13    }  
14  ]  
15 }
```

I have created an inline custom policy for the lambda function to access the DynamoDB Table,

- List tables is being used to fetch the table that has been created by me
- Put Item is being used to put the updates value in the table or modifying the value of a specific field.
- Get Item is being used to get the current value of the item and after that we will increment that item i.e., views and then put it i.e., modify it after incrementing it.

Inline Policy Code:

```
{
  "Version": "2012-10-17",
  "Statement": [
    {
      "Sid": "VisualEditor0",
      "Effect": "Allow",
      "Action": [
        "dynamodb:PutItem",
        "dynamodb:GetItem",
        "dynamodb:ListTables"
      ],
      "Resource": "*"
    }
  ]
}
```