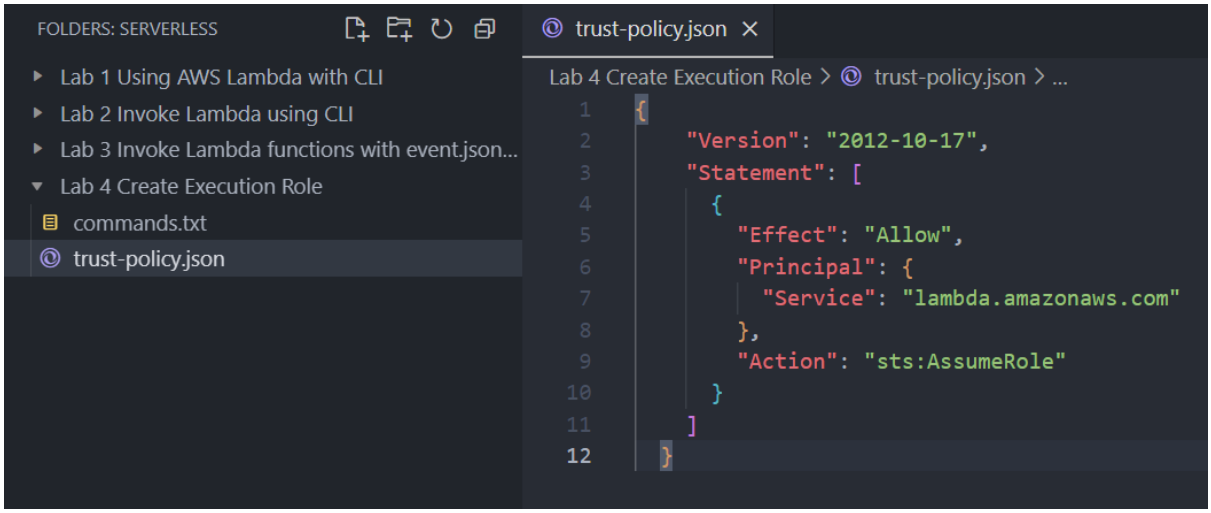
# 😊 Creating Execution Role using CLI

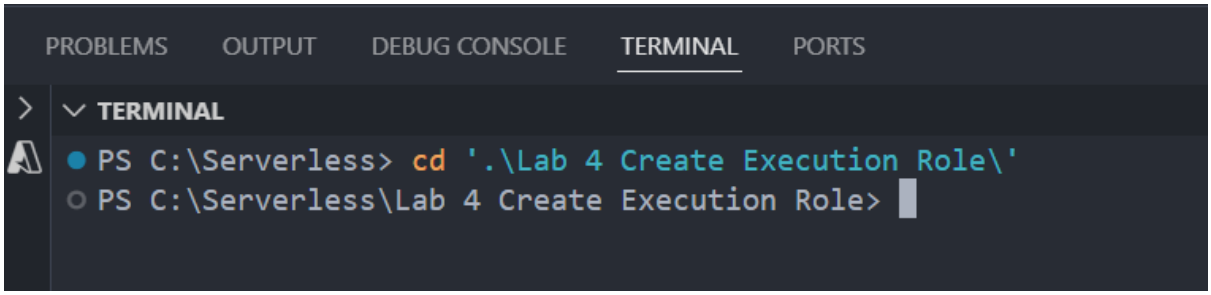
1. In this lab, we are going to create an Execution role using CLI for our lambda function and later create a lambda function.
2. First, in our VS Code we need to create a new folder for lab 4 then in this folder, we need to create a trust-policy.json and as before the commands text file.




3. Once you have done that, you can run the command to create the execution role.

   **aws iam create-role --role-name lambda-exec --assume-role-policy-document file://trust-policy.json**

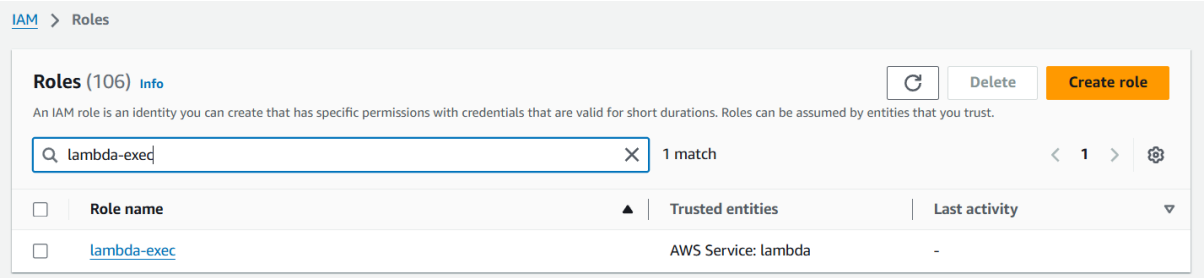
4. Open your terminal in VS code then navigate to the folder run the command.



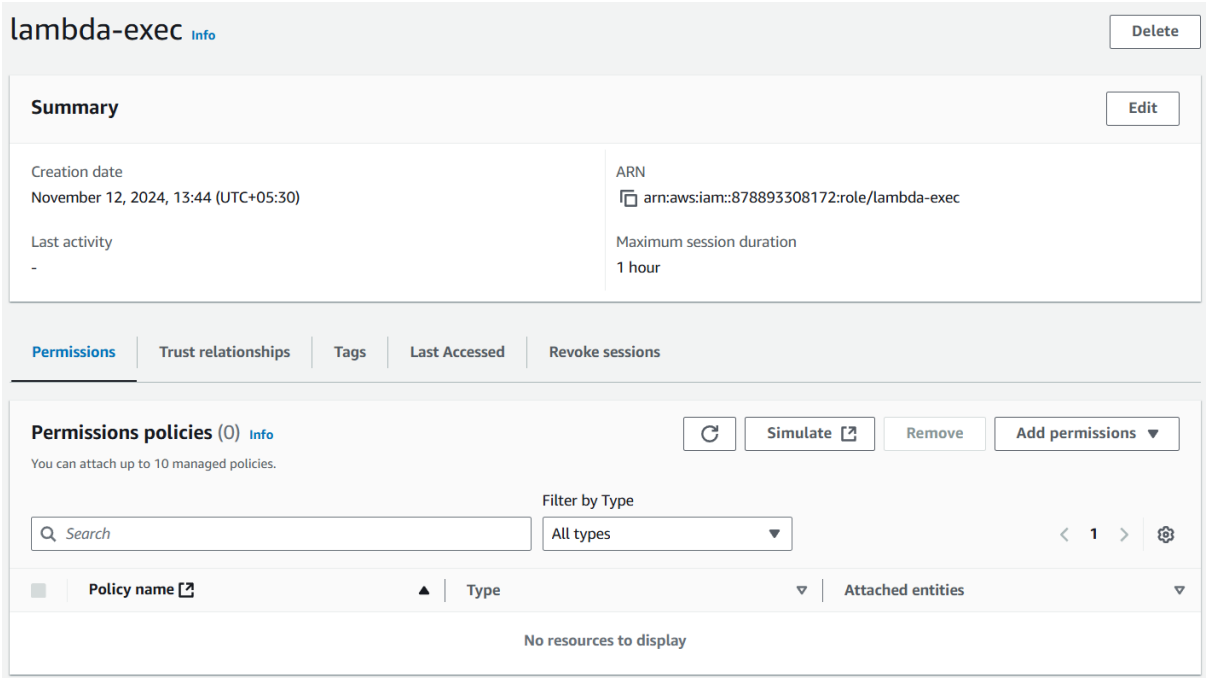

5. Below you can see that we have successfully created the role.

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

TERMINAL

PS C:\Serverless>
PS C:\Serverless> cd '.\Lab 4 Create Execution Role\'
PS C:\Serverless\Lab 4 Create Execution Role> aws iam create-role --role-name lambda-exec
y.json
>>
Role:
  Arn: arn:aws:iam::878893308172:role/lambda-exec
  AssumeRolePolicyDocument:
    Statement:
    - Action: sts:AssumeRole
      Effect: Allow
      Principal:
        Service: lambda.amazonaws.com
    Version: '2012-10-17'
  CreateDate: '2024-11-12T08:14:46+00:00'
  Path: /
  RoleId: AROA4ZIQ7TEGJKASFJB4E
  RoleName: lambda-exec

PS C:\Serverless\Lab 4 Create Execution Role>
```

6. Now go to IAM in your AWS Console, open roles, and search for the role you created. You will see that your role has been created successfully.




7. But if you go inside the role, you will see that there is no permission policy attached to the role.




8. So, for that we can run the command given below and attach the lambda basic execution policy with our role.

   **aws iam attach-role-policy --role-name lambda-exec --policy-arn arn:aws:iam::aws:policy/service-role/AWSLambdaBasicExecutionRole**

9. Below you can see that our command has executed successfully.


10. Now go back to your function and refresh the page you will see that a policy has been attached with it.

## Summary

Edit

Creation date
November 12, 2024, 13:44 (UTC+05:30)

ARN
arn:aws:iam::878893308172:role/lambda-exec

Last activity
-

Maximum session duration
1 hour

Permissions | Trust relationships | Tags | Last Accessed | Revoke sessions

### Permissions policies (1) Info

You can attach up to 10 managed policies.

Simulate | Remove | Add permissions

Search

Filter by Type: All types

1

| Policy name | Type | Attached entities |
|---|---|---|
| AWSLambdaBasicExecutionRole | AWS managed | 1 |