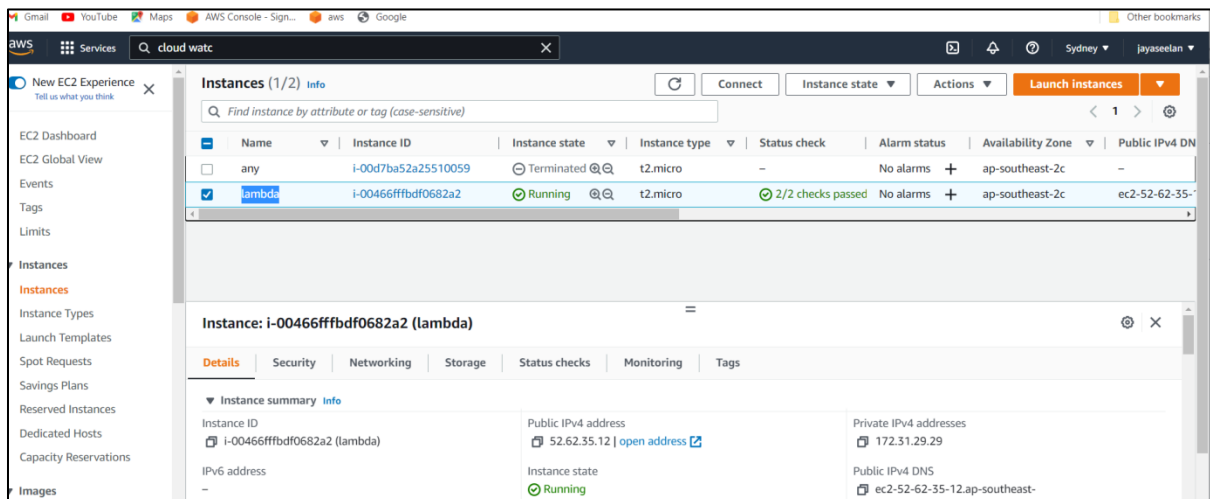


LAMBDA

- AWS Lambda is a compute service that lets you run code without provisioning or managing servers.
- Lambda runs your code on a high-availability compute infrastructure and performs all of the administration of the compute resources, including server and operating system maintenance, capacity provisioning and automatic scaling, and logging. With Lambda, you can run code for virtually any type of application or backend service.
- Lambda is a serverless architecture.

Steps to create lambda

Step1:create any instance



Server created..

Step2:create role

Iam ----->create role----->aws service----->select lambda--->next

The screenshot shows the 'Select trusted entity' step in the AWS IAM console. The 'Trusted entity type' section has 'AWS service' selected. The 'Use case' section has 'Lambda' selected. The 'Common use cases' section has 'EC2' and 'Lambda' options. The 'Use cases for other AWS services' section has a dropdown menu. The 'Next' button is visible at the bottom right.

Add permission--->Ec2(full acces)--->vpc(full acces)----->next

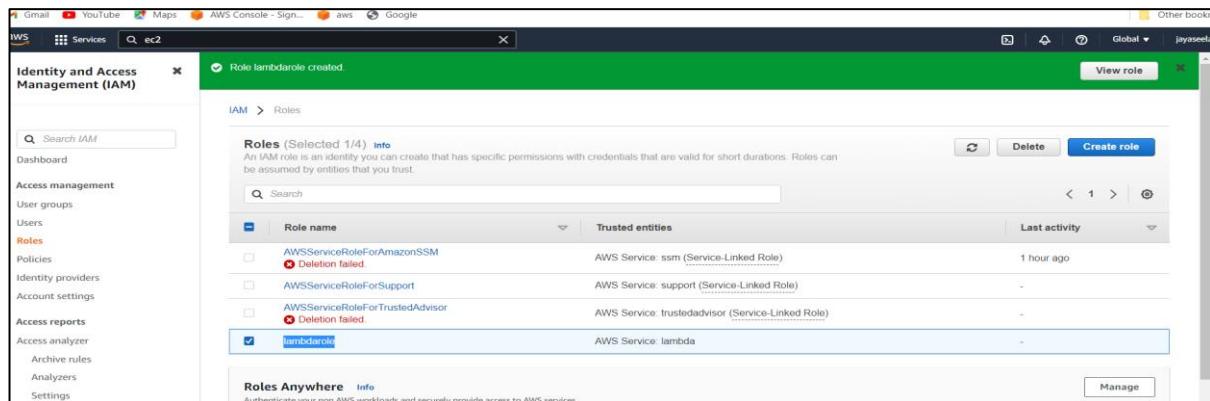
The screenshot shows the 'Add permissions' step in the AWS IAM console. The 'Permissions policies (Selected 1/612)' section shows a list of policies. The 'Policy name' column is highlighted. The 'Type' column shows 'AWS managed'. The 'Description' column shows 'Provides full access to Amazon EC2 via the AWS Management Console'. The 'Create policy' button is visible at the top right.

The screenshot shows the 'Add permissions' step in the AWS IAM console. The 'Permissions policies (Selected 2/812)' section shows a list of policies. The 'Policy name' column is highlighted. The 'Type' column shows 'AWS managed'. The 'Description' column shows 'Provides full access to Amazon VPC via the AWS Management Console'. The 'Create policy' button is visible at the top right.

Name (any)--->create role

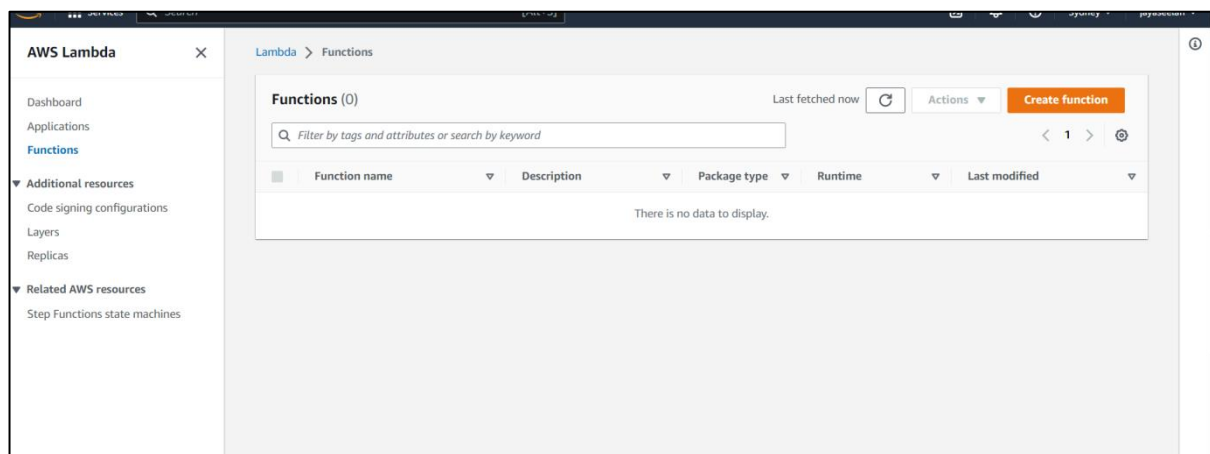
The screenshot shows the 'Name, review, and create' step in the AWS IAM console. The 'Role name' field is filled with 'lambda role'. The 'Description' field is filled with 'Allows Lambda functions to call AWS services on your behalf'. The 'Step 1: Select trusted entities' section is visible at the bottom. The 'Edit' button is visible at the bottom right.

Role created..

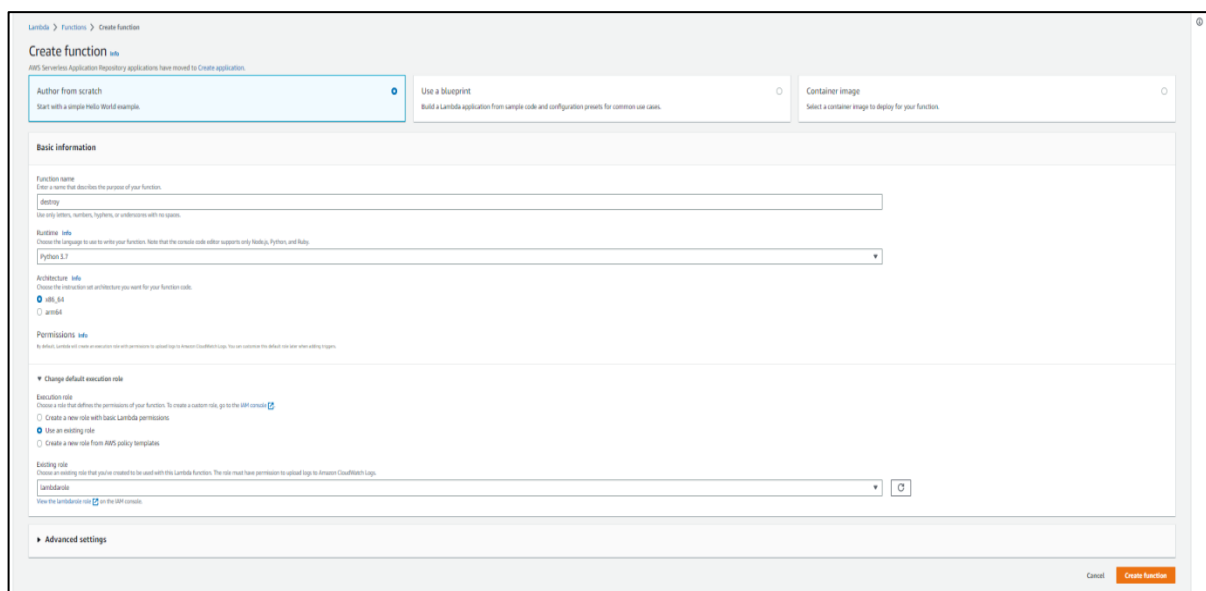


Step3:create lambda function

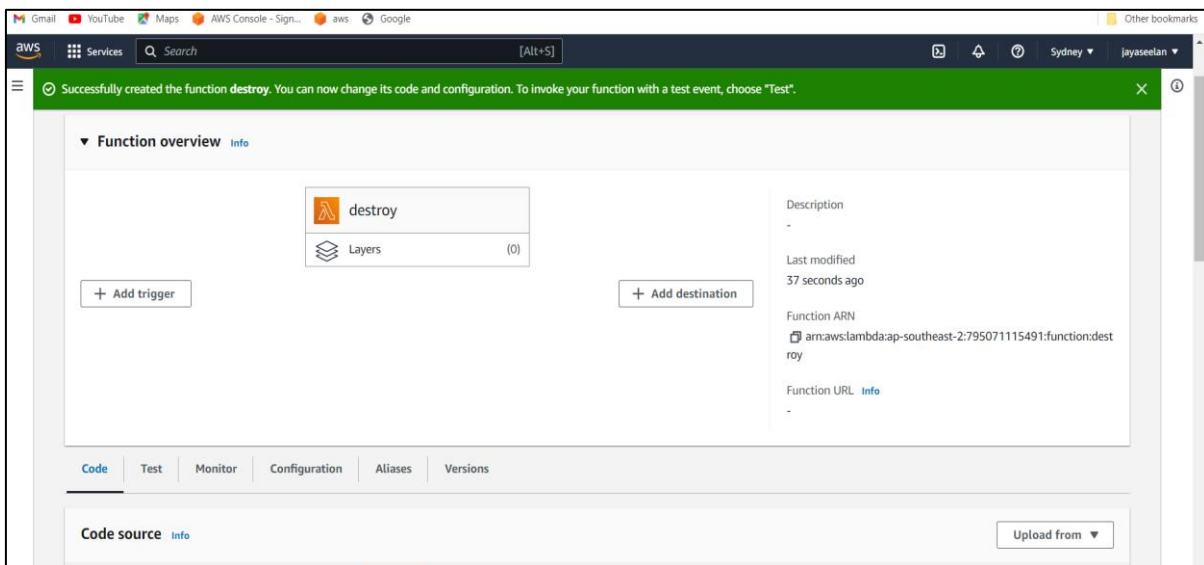
Lambda--->functions--->create function



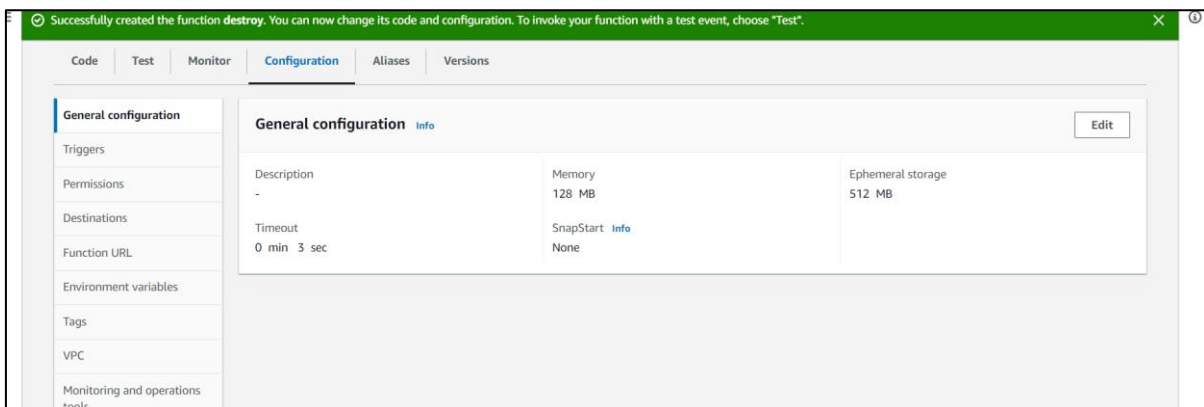
Author from scratch--->function name(destroy)-->runtime(python 3.7)---->use an exiting role(select role)--->create functions



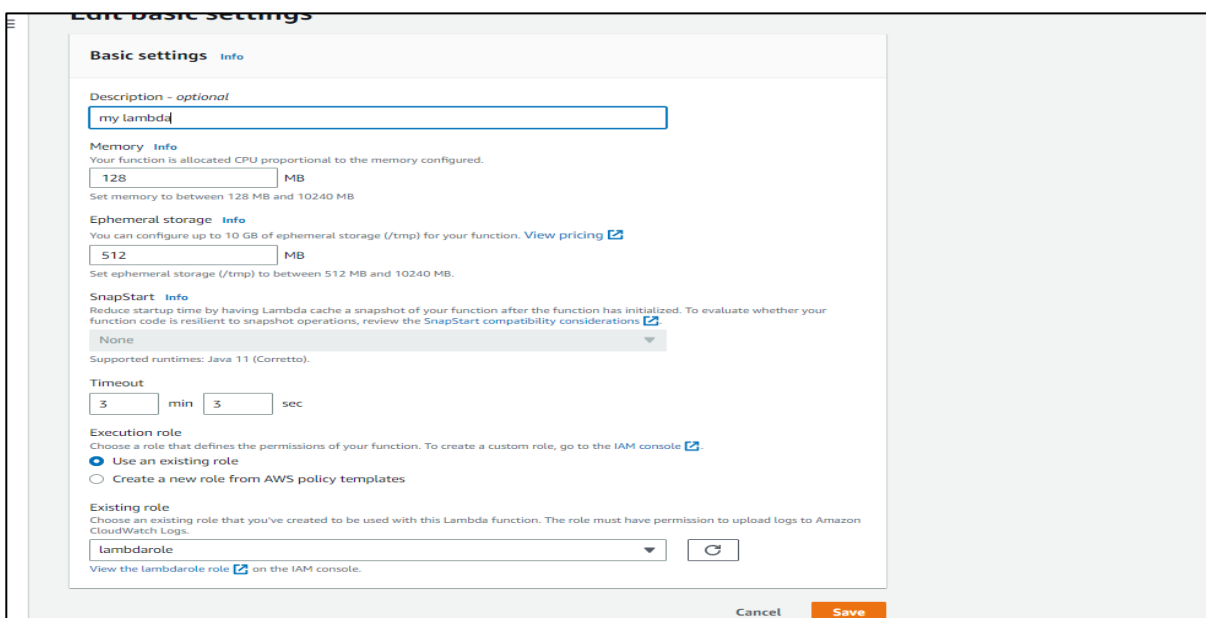
function will created..



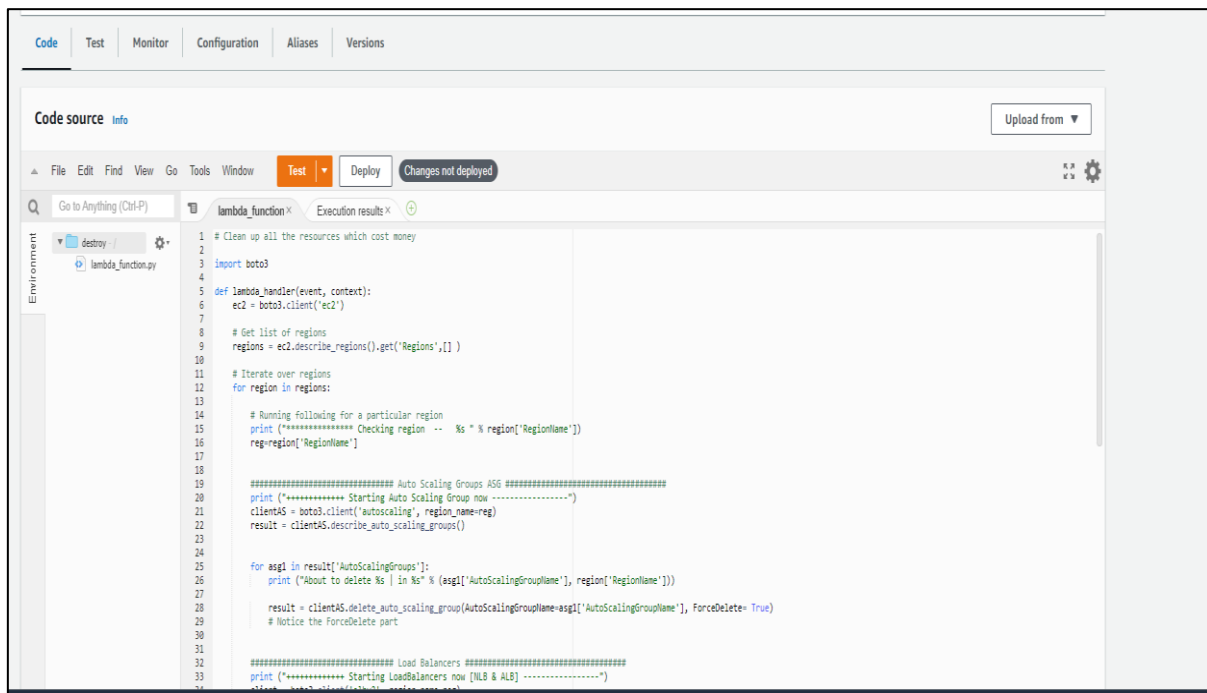
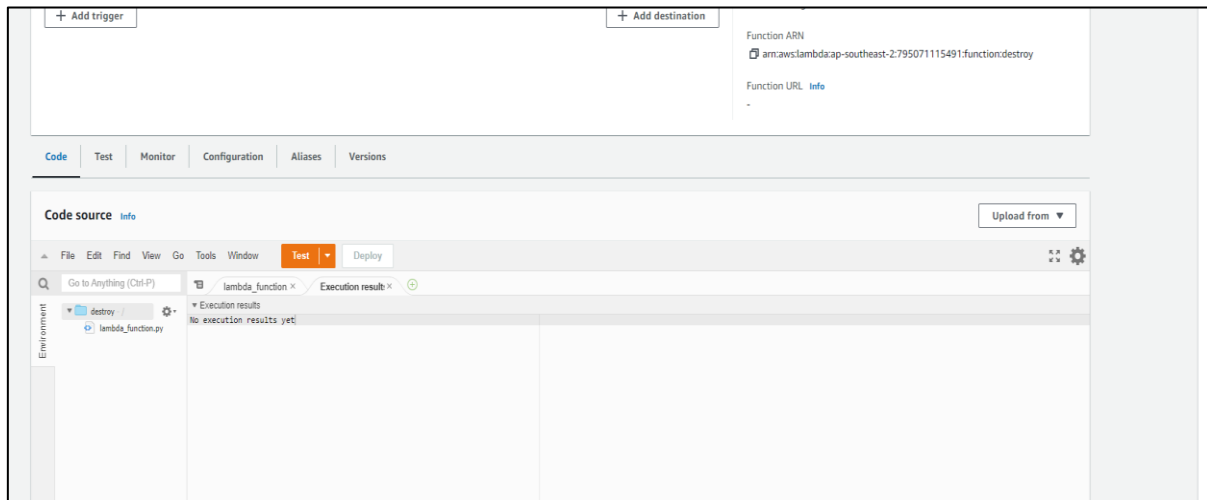
Step3.1:configuration--->edit--->



Step3.2:description(any)-->timeout(3 min 3 sec)--->role already shown--->save



Step3.3:code--->python scripts put--->deploy

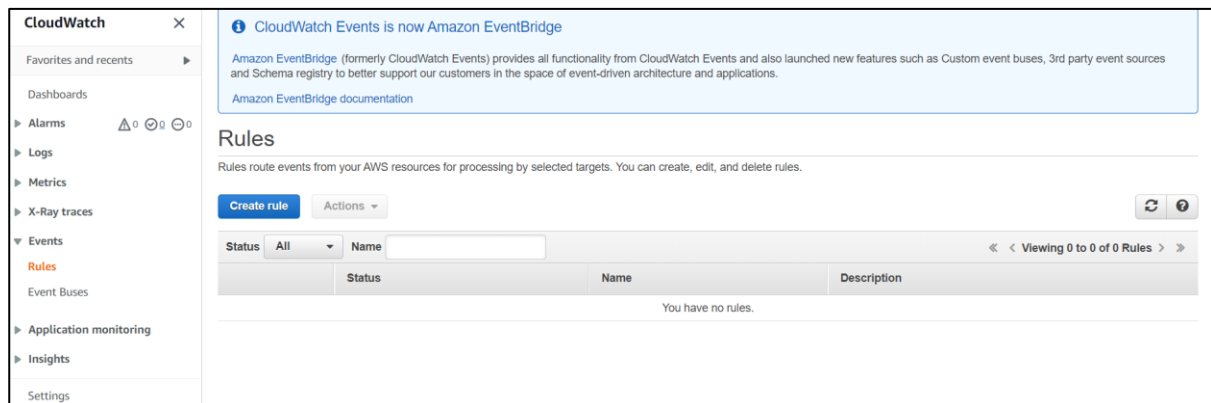


Deployed..

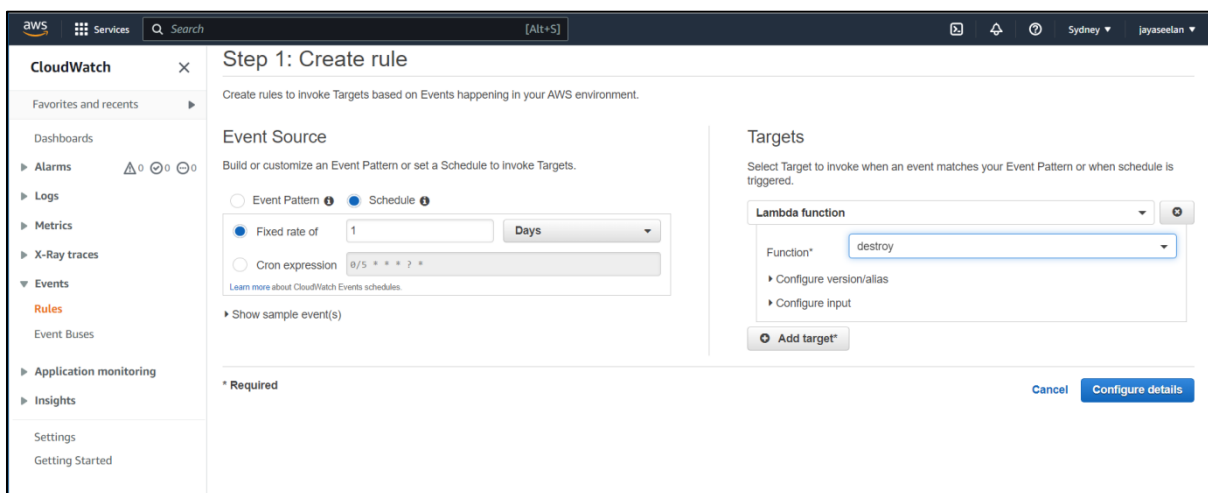
Step3.4:test--->event name(any)--->save--->test(testing...)

Step4:create cloudwatch set automatically run this program in 1 days for automatically terminated

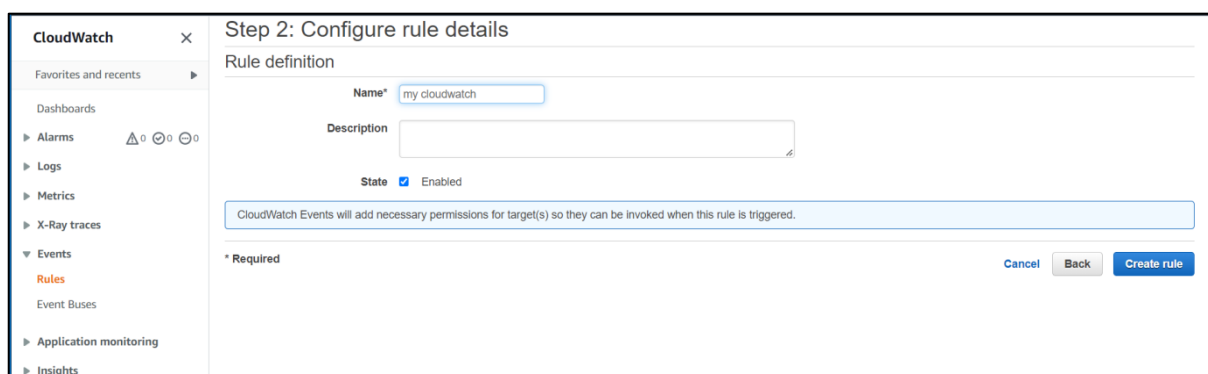
Cloud watch--->event--->rules--->create rule



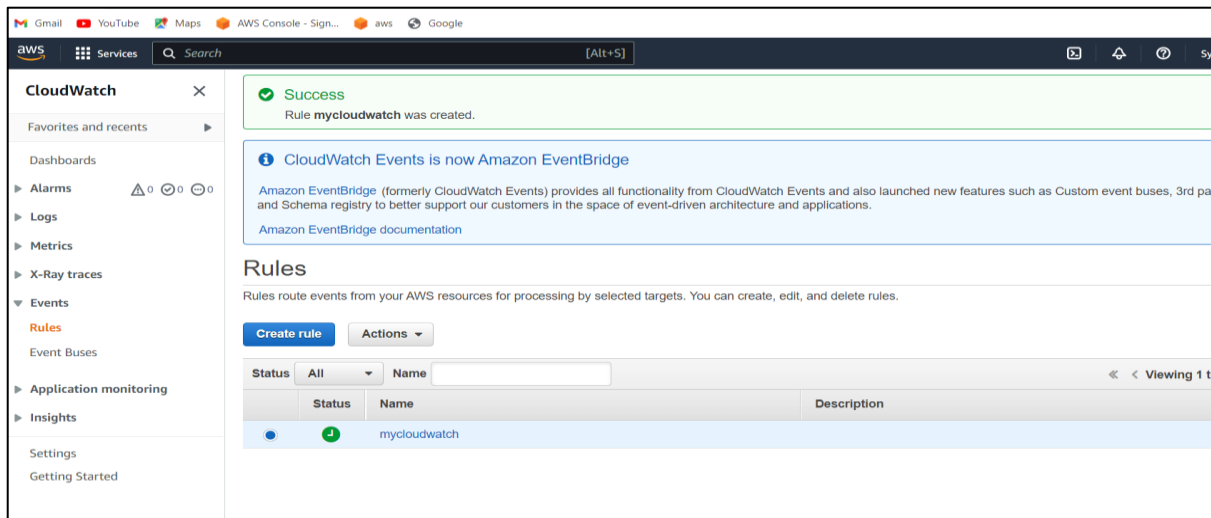
Event source---->schedule(1 days)----->targets--->lambda function(select your lambda function)--->configuration details



CONFIGURATION RULE DETAILS--->NAME(ANY)---
→STATE(ENABLED)--->CREATE RULE



Cloud Watch Rule Creat And Set



Step4: Lambda ---> Code--->Test(Loading...)--->status(Susceded)--
-->show memory use and time--->Execute The Program
Content(Server Terminated)

