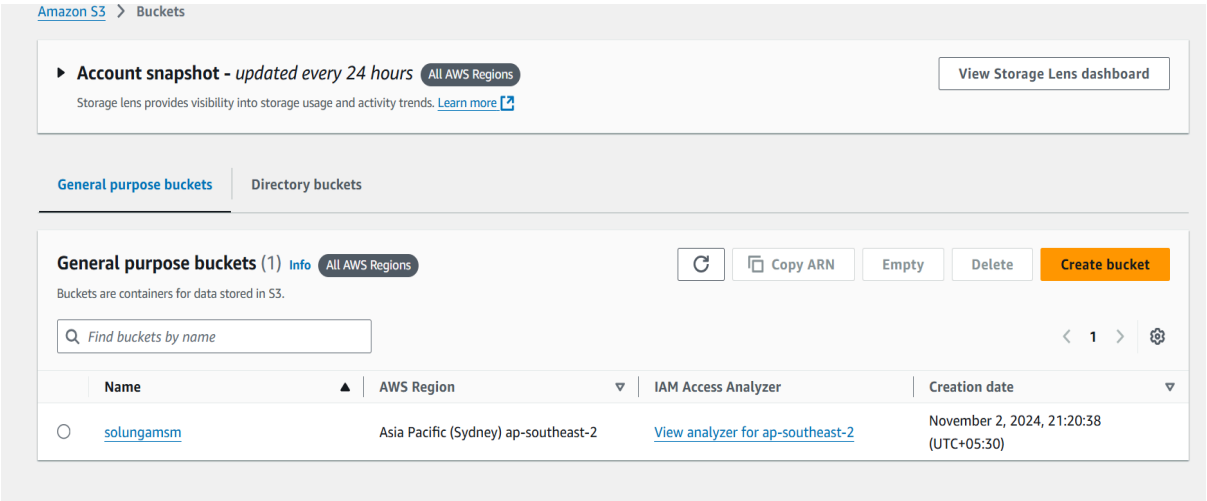
1.Create a S3 bucket, with no public access and upload files to the bucket & view the logs using cloudwatch for the uploaded files.

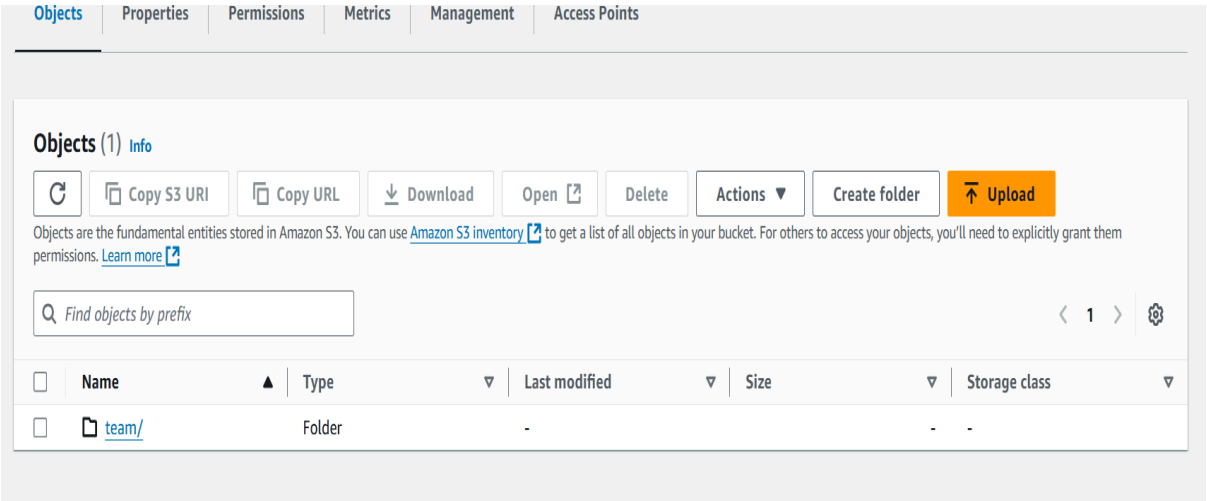
2.Launch two ec2-instances and connect it to a application load balancer, where the output traffic from the server must be an load balancer IP address

1.Create a S3 bucket, with no public access and upload files to the bucket & view the logs using cloudwatch for the uploaded files.

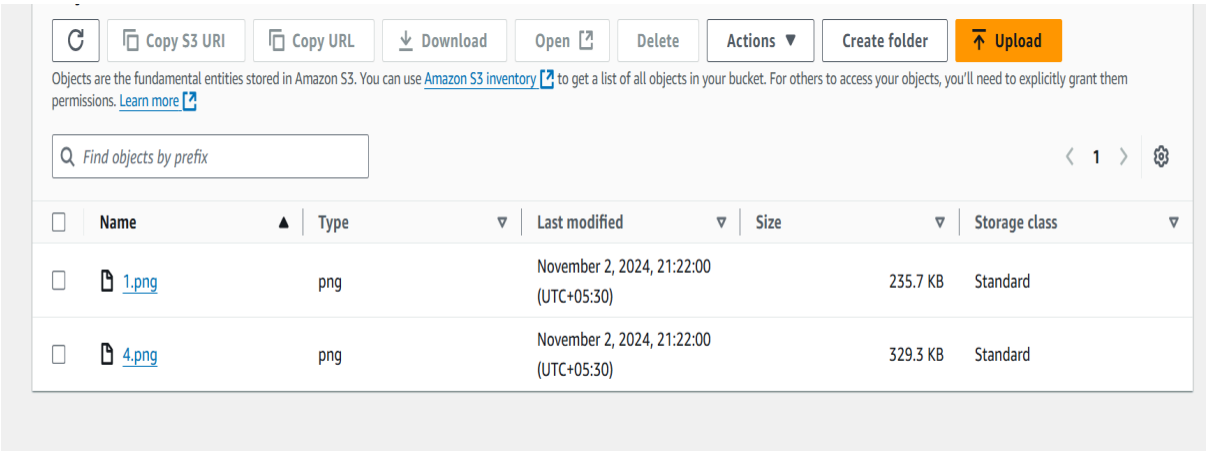
STEP 1- Create s3 bucket with no public access



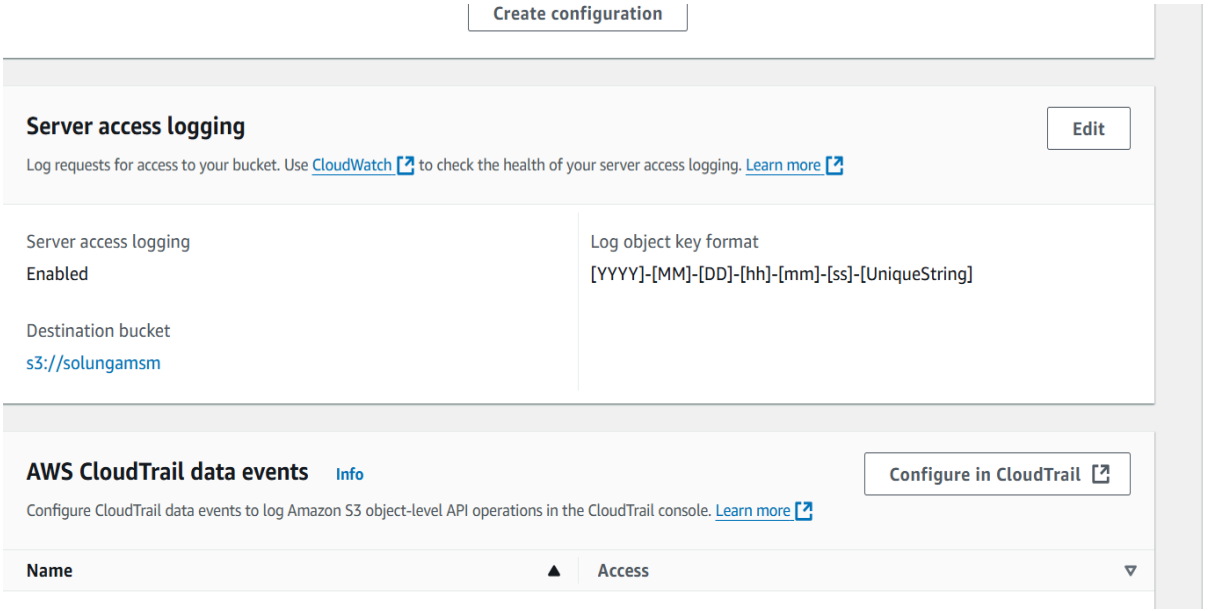
STEP 2 - create a prefix inside the bucket name as team



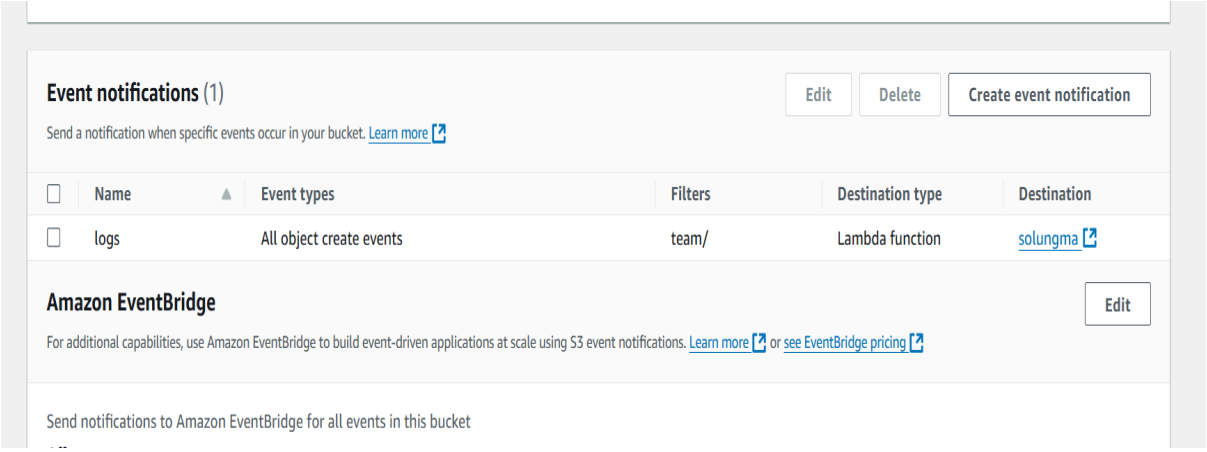
STEP 3 - inside the folder add images



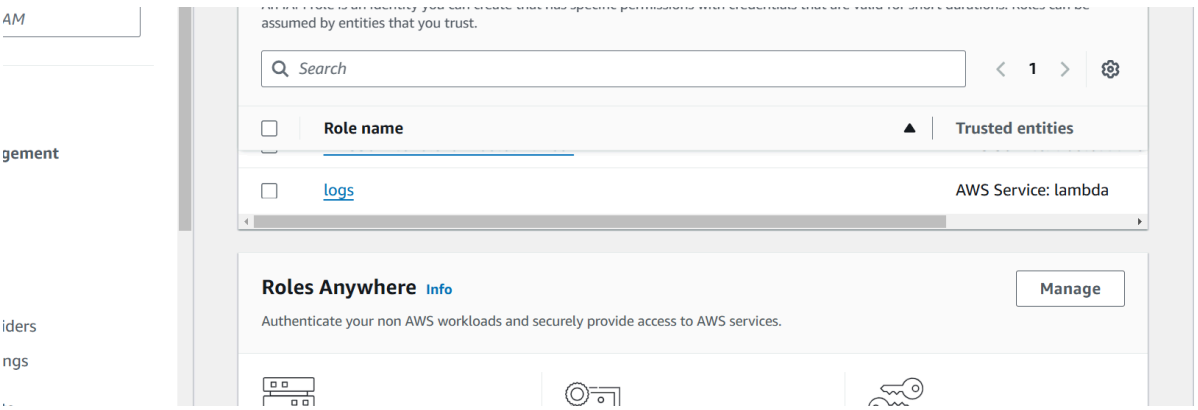
STEP 4 - bucket properties > server access logging > edit > *enable*



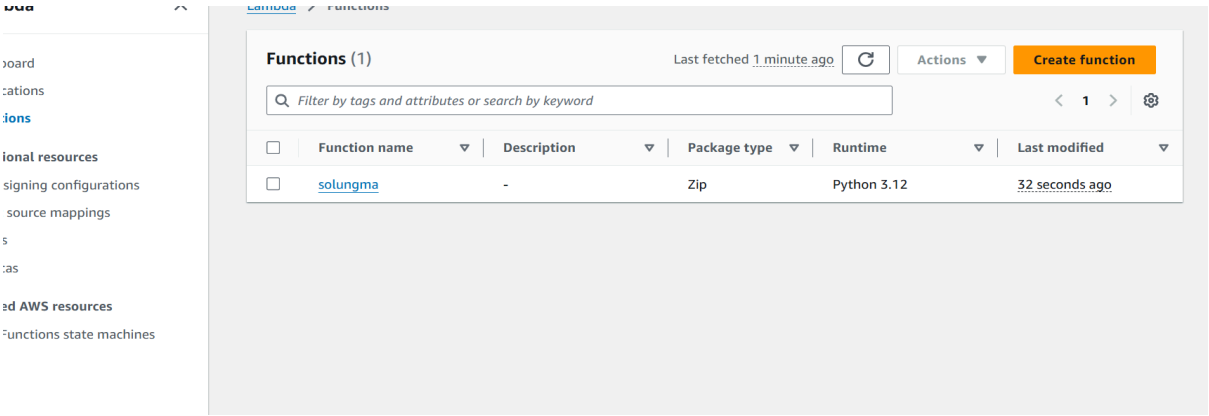
STEP 5 - bucket prop > event notifications > create event name *logs* > select event types as *all object create events*



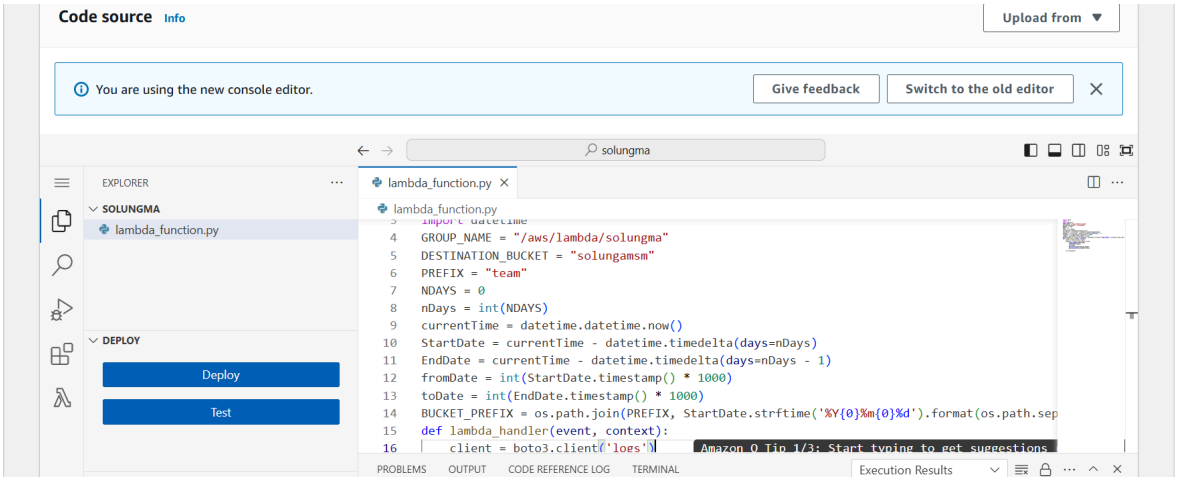
STEP 6 - create iam role name ***logs* >** attach policy ***s3&cloudwatch full access* + *aws lambda execute***



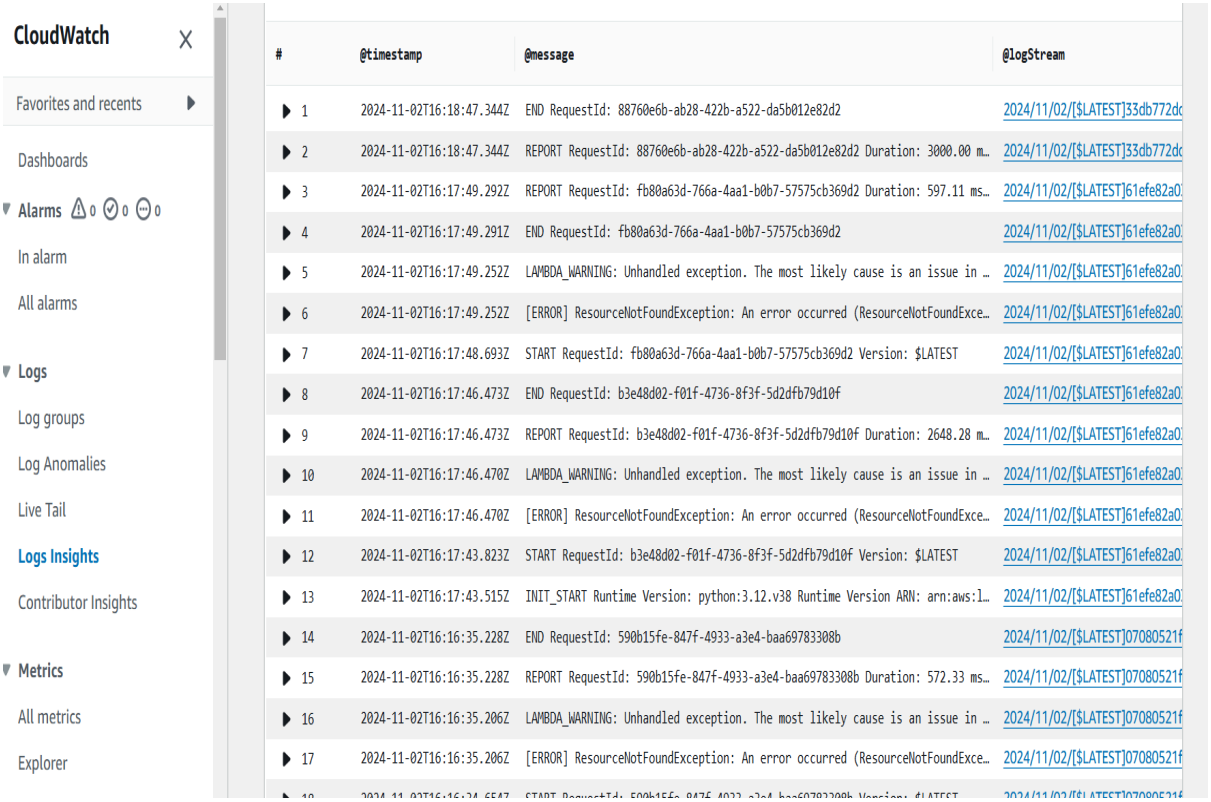
STEP 7 - create a **lambda using python** and name it as **solungma** also attach **the created role**



STEP 8 - write a lambda handler code inside ***lambda_function.py file*** followed by **create a test file** then add **bucket name**, **prefix name, log group name** inside lambda handler then **deploy a code and test it**.

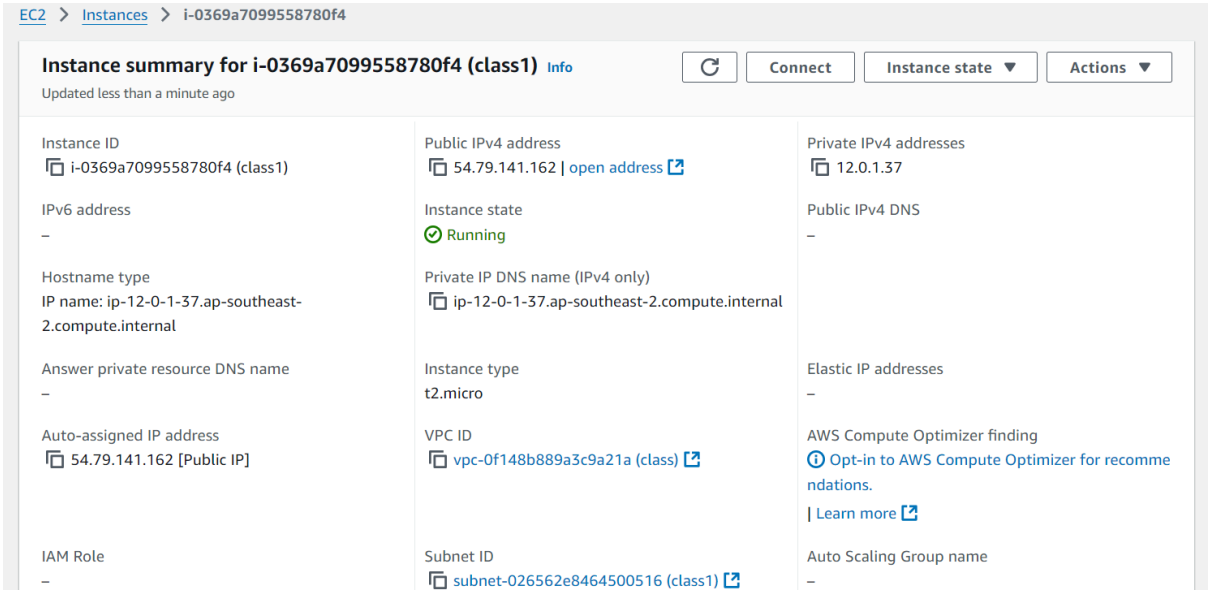


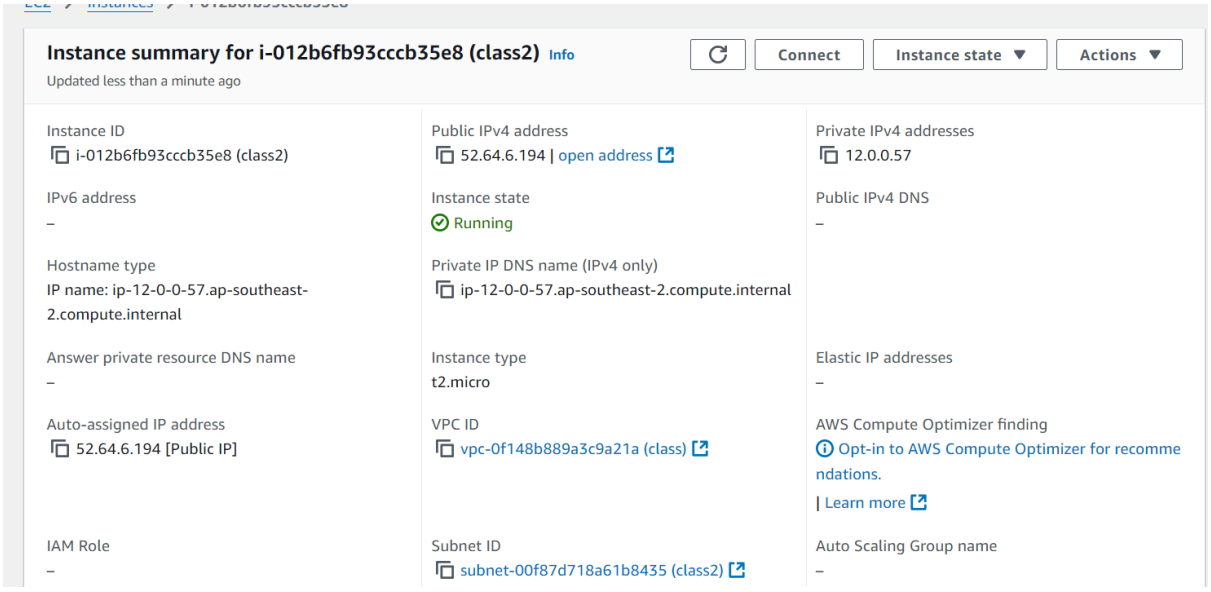
STEP 9 - check the **logs in cloudwatch for s3 bucket** under **log group or log insights**



2.Launch two ec2-instances and connect it to a application load balancer, where the output traffic from the server must be an load balancer IP address

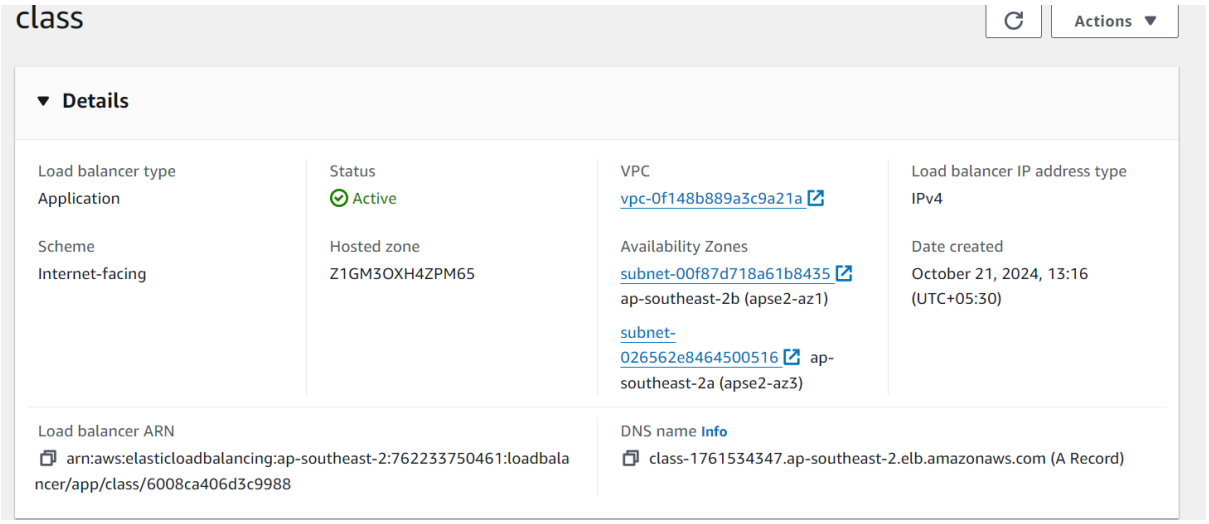
STEP 1 - launch 2 ec2 instances





➢ 2 ec2 instance launched and connect to vpc,sunet,security grp inbound with os and aml

STEP 2 - Connect it to the Application load balancer



➢ Vpc created
➢ Internet gateway created
➢ Attached vpc and internet gate way
➢ 2 subnet created
➢ Each instance connect to each subnet
➢ 2 route tables created and each subnet and internet gate way
➢ Target group created and connected to subnet
➢ Load balancer created and connected to target group
➢ 2 ec2 instance launched and connect to vpc,sunet,security grp inbound with os and aml
➢ 2 instances same webserver installed
➢ Instance and loadbalncer should be same inbound principles

NOTE : The above steps are explained detail in last task

STEP 3

Load balancer ip

: http://source-836852145.ap-southeast-2.elb.amazonaws.com/