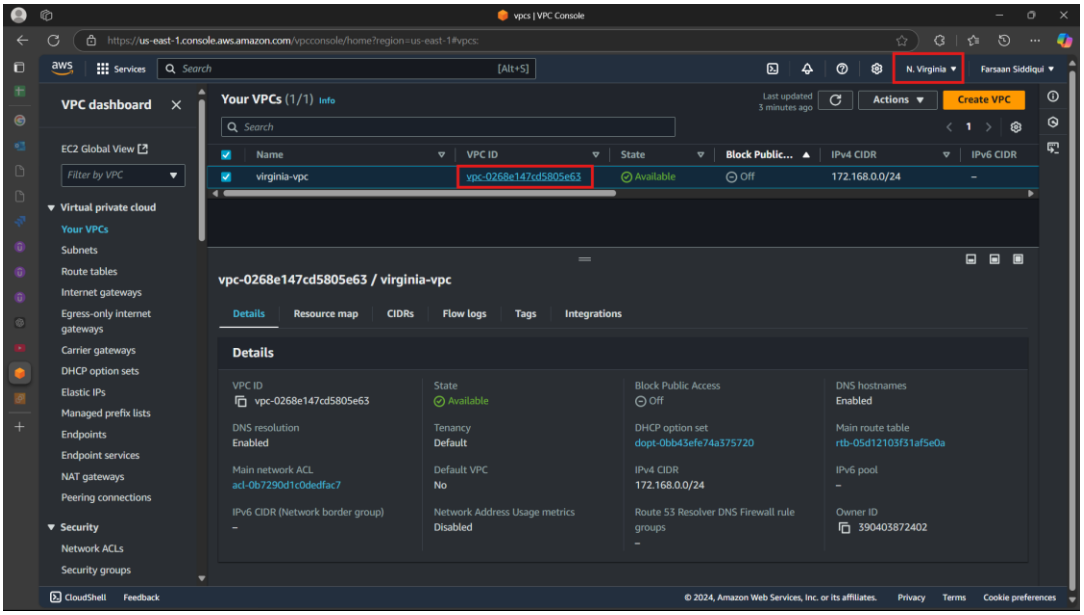
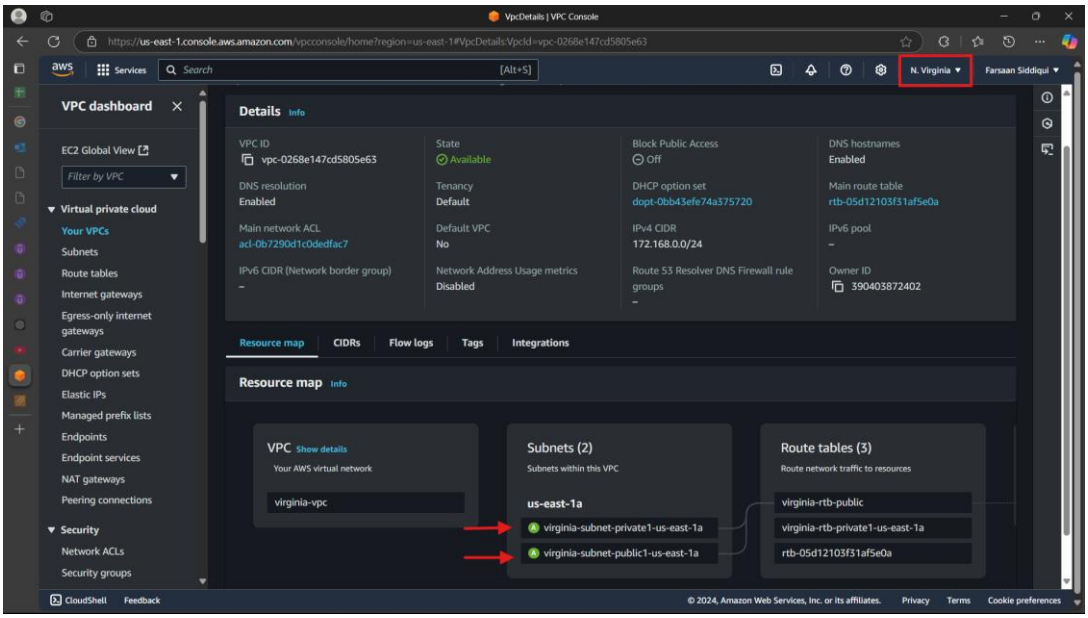
ASG taks + Revision.

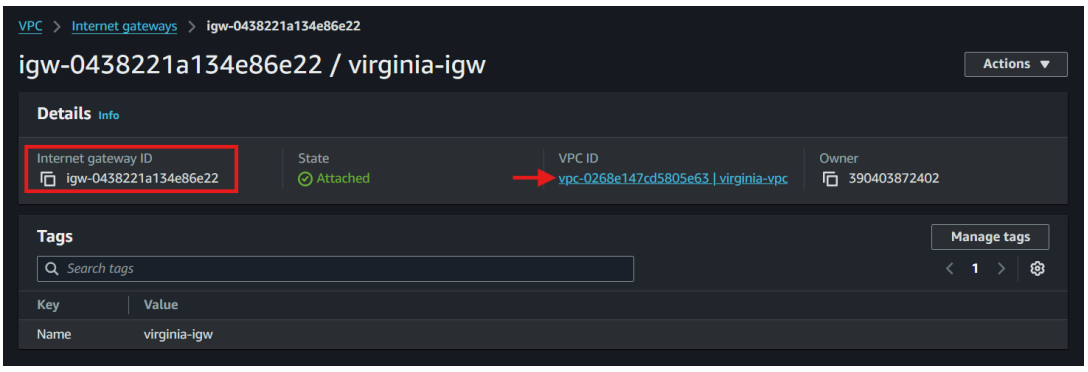
1) Create one vpc in N.virginia region.



2) Create One Public subnet and one private subnet.

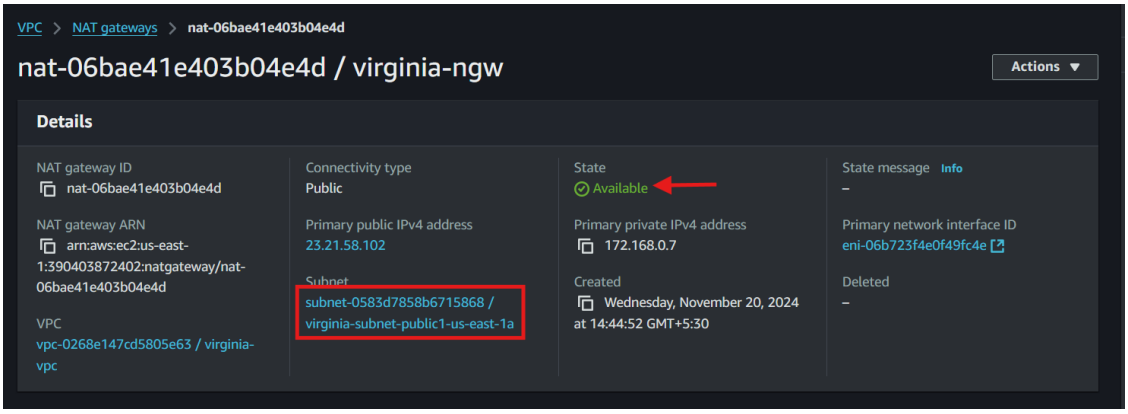


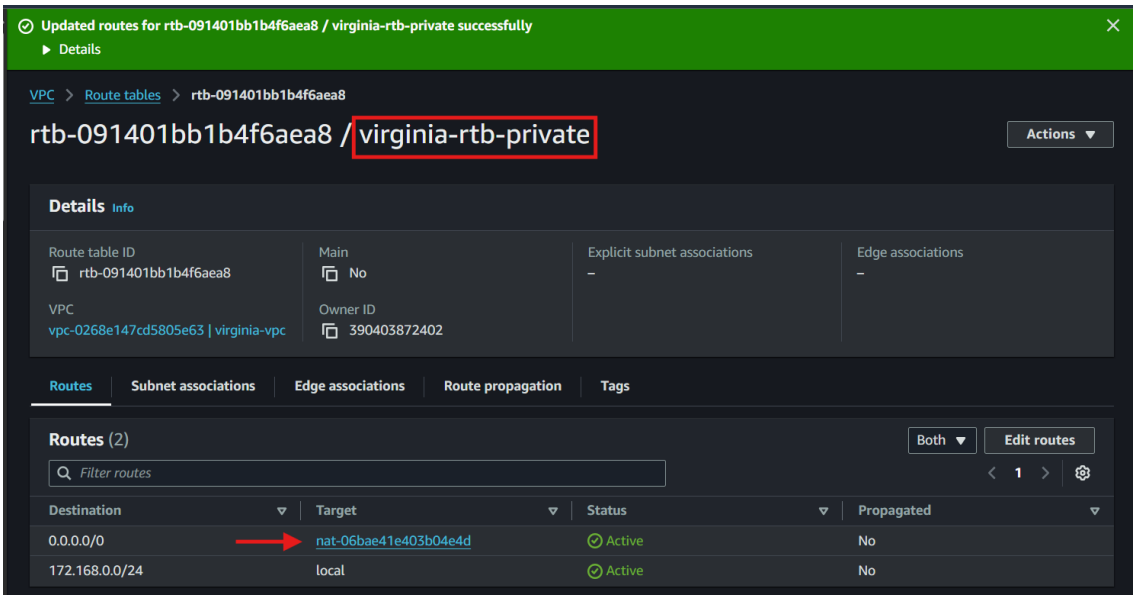
3) Provide the IGW to the vpc.



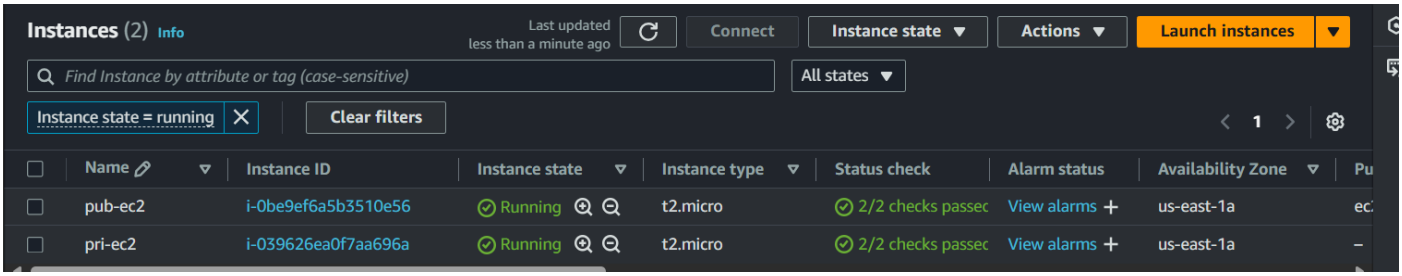
4) Create One public RT and one private RT.

5) Deploy NAT gateway on public subnet and attach the NAT gatewat to private subnet.



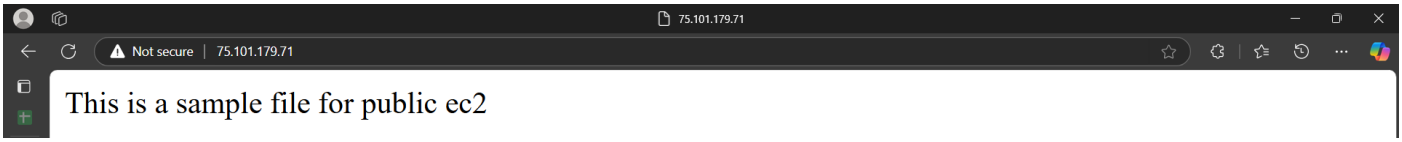


6) Create Two instances,one in public subnet and one in private subnet.

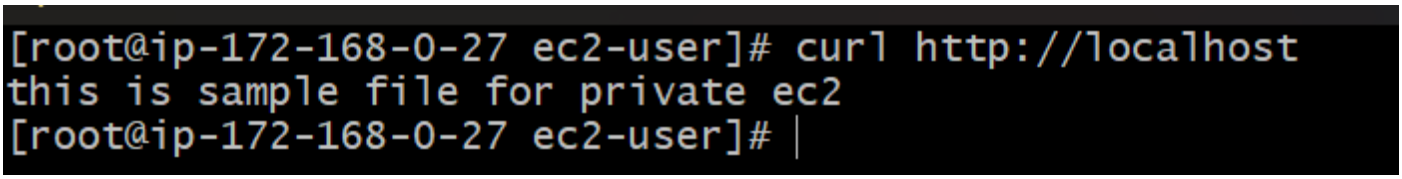


7) Deploy Apache server on both the ec2 instances with sample index.html file.

*PUBLIC EC2

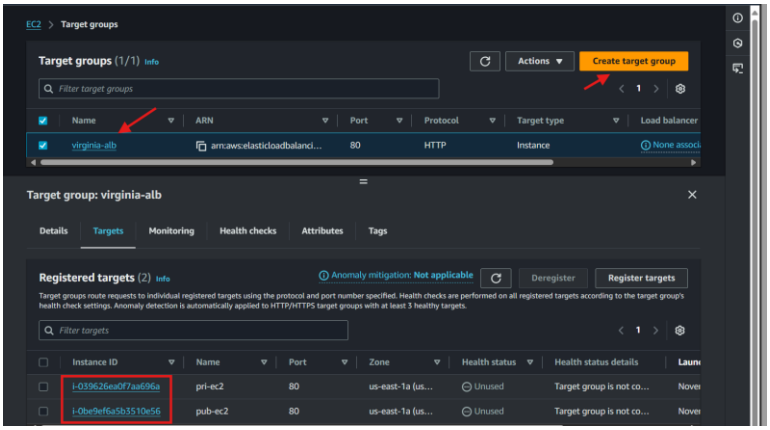


*PRIVATE EC2

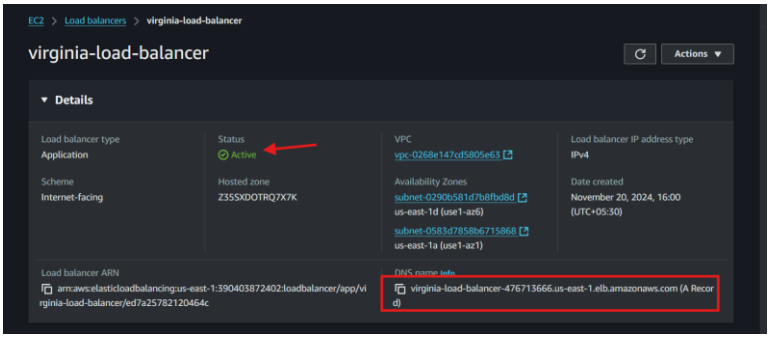


8) Create one application load balancer and attach the load balancer to both the ec2 instances.

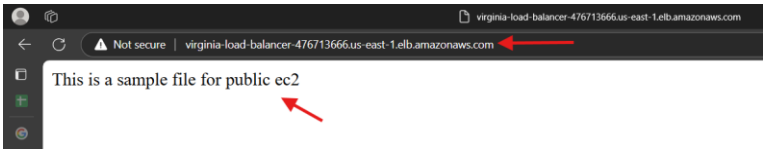
*CREATE A TARGET GROUP AND TARGET THE INSTANCES YOU WANT TO ATTACH TO LOAD BALANCER



*CREATE LOAD BALANCER BY SELCTING VPC AND SUBNETS AND ADD TARGET GROUP CREATED BEFORE



*TEST IT WITH THE LOAD BALANCER DNS NAME IT WILL SHOW THE SAMPLE FILE CREATED IN TASK 7



9) Store Application load balancer logs to s3.

10) Store the vpc flow logs to cloudwtach group.

11) Create Monitoring Dashboards to monitor cpu utilization and to monitor apache service.

12) CPU utilizationis more than 70% then it should triggere Autoscaling and launch new instance.