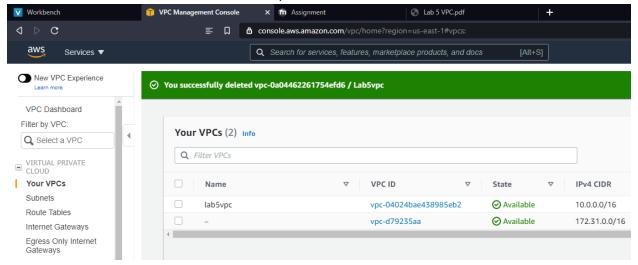
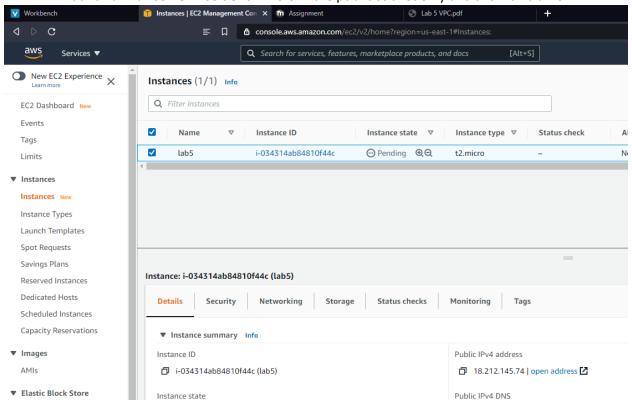
Cloud Computing – Lab 4 Anudit Nagar – E18CSE024

Scenario 1

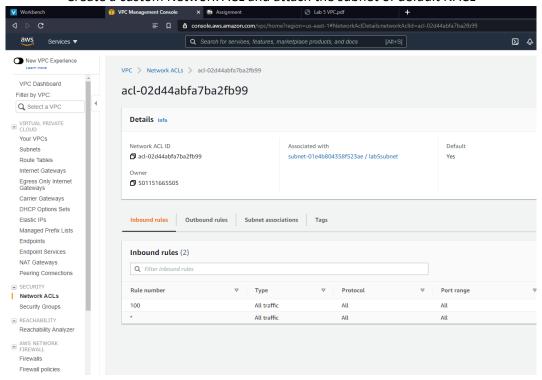
Create a Custom VPC in an Availability Zone at one region and Create all its necessary components such as Subnet, IGW and Route Table.



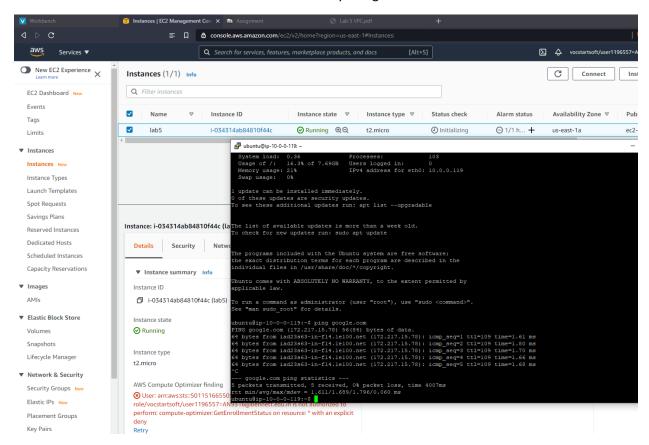
Launch a linux server free tier t2.micro in the public subnet only and allow all traffic.



Create a custom Network ACL and attach the subnet of default NACL

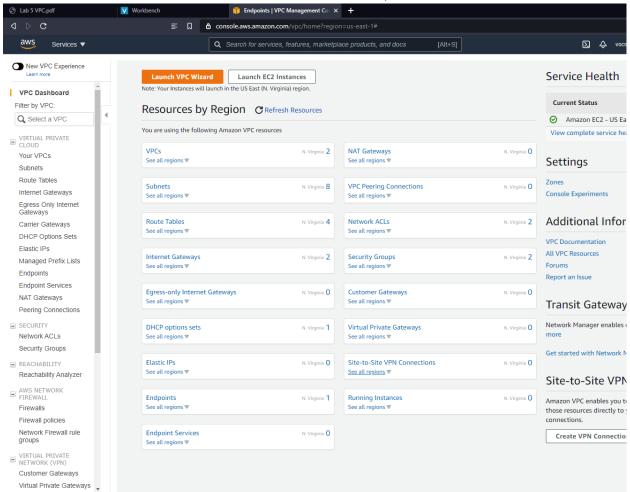


Check the internet connectivity using CMD or Browser.

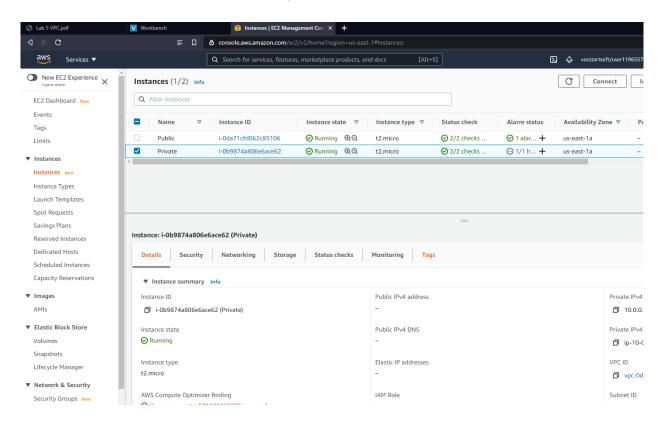


Scenario 2

Create VPC by creating 2 subnets in it (one private and one public). (Other components IGW, Route Tables will also be there)



Launch two EC2 Linux server in the subnet one for one and Create a VPC Endpoint and associate it in private subnet.



Select the S3 Service. Verify VPC Endpoint Access to S3, Check the route table to make sure you see a route using the VPC endpoint to S3.

```
[root@ip-10-0-0-187 ~] # aws s3 mb s3://lab05ecse3041
make_bucket: lab05ecse3041
```

To verify, SSH into the public instance, SSH into the private instance, Check the accessibility of the AWS resources privately and confirm that the S3 buckets is in our environment.

```
2021-01-21 05:04:43 labeb01 [root@ip-10-0-0-187 ~] # aws s3 mb s3:// new12345
```