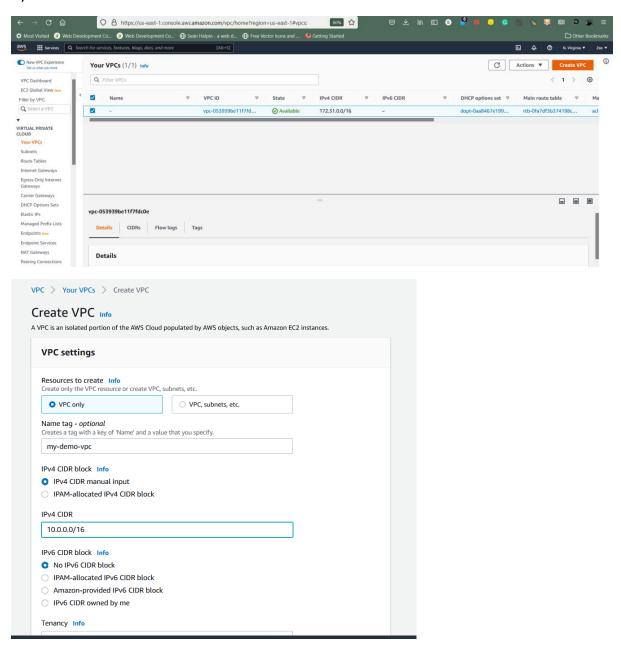
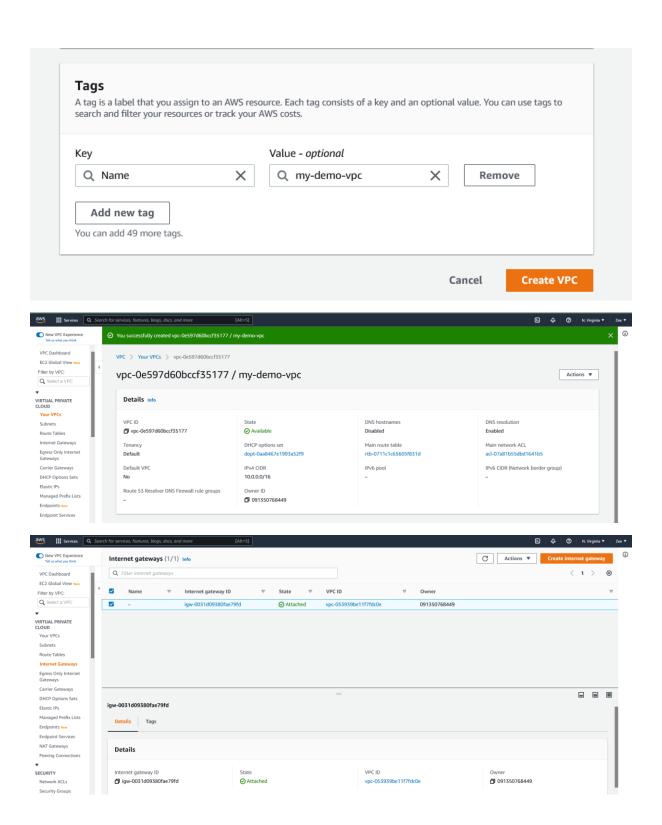
Practical 5

Aim: Create a Virtual Private Cloud in AWS.

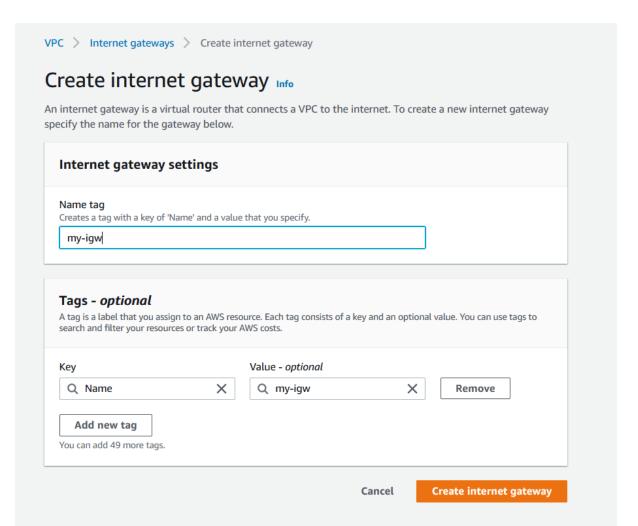
Steps:

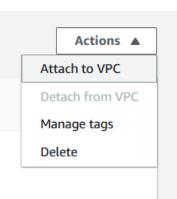
1) Create VPC

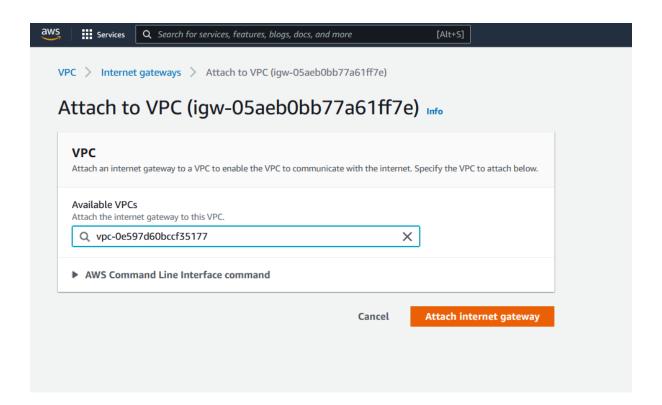


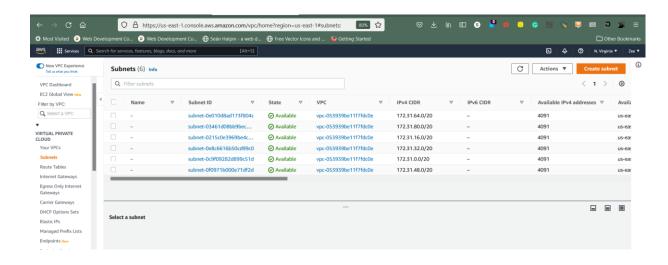


2) Create Internet Gateway

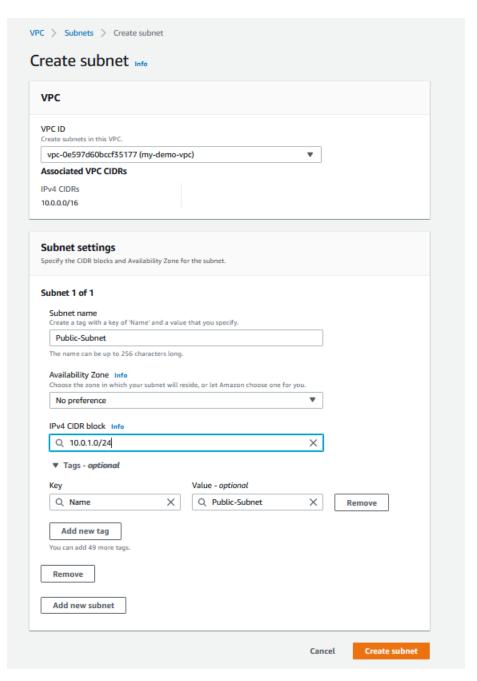


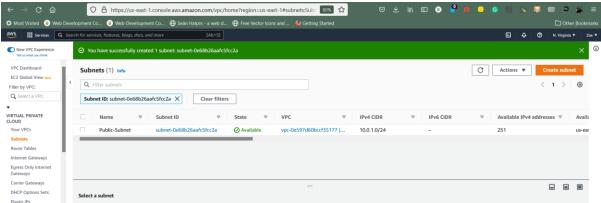


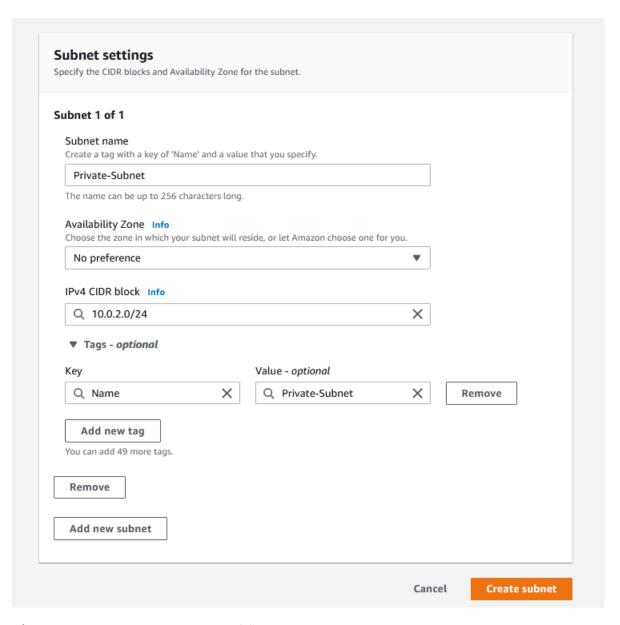




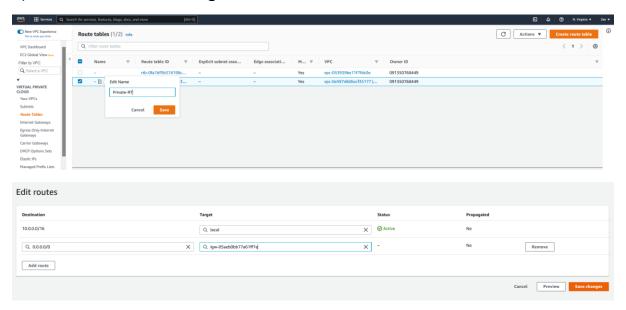
- 3) Create Subnet.
- 4) Configure Subnet for public and private instance.

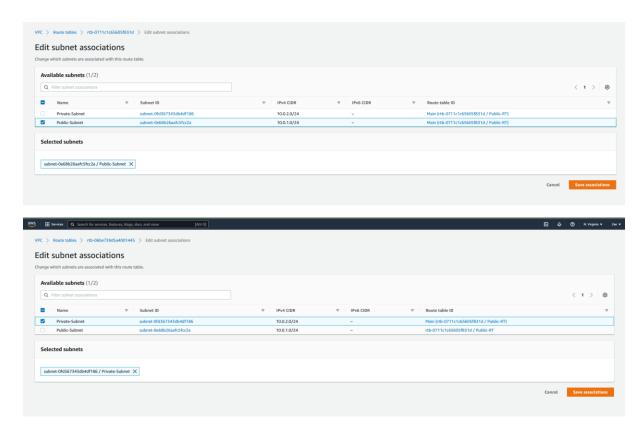






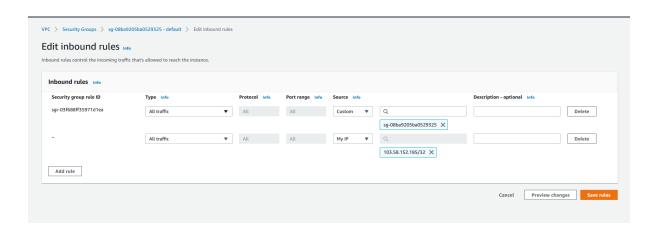
5) Create Routes in routing Table.

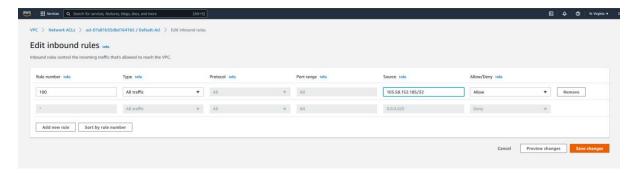




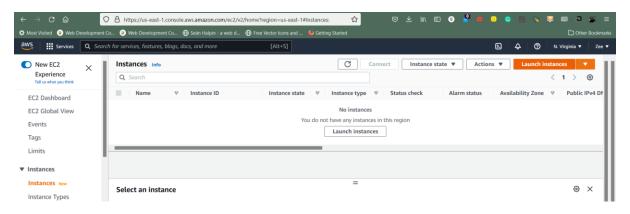
6) Create Security groups.

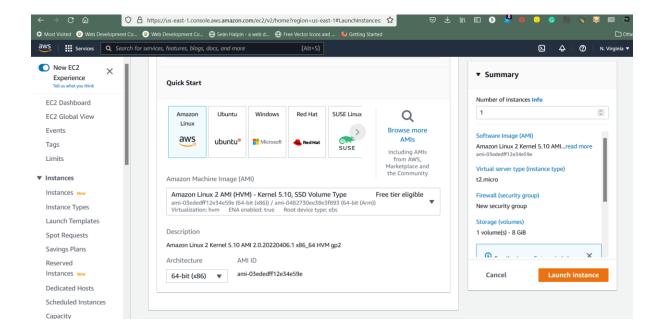






7) Create a public instance.





(i) We noticed that you didn't select a key pair. If you want to be able to connect to your instance it is recommended that you create one.

Key pairs allow you to connect to your instance securely.

Enter the name of the key pair below. When prompted, store the private key in a secure and accessible location on your computer. You will need it later to connect to your instance. Learn more



Key pair name

new-pair-key

The name can include upto 255 ASCII characters. It can't include leading or trailing spaces.

Key pair type

RSA

RSA encrypted private and public key pair

ED25519
ED25519 encrypted private and public key pair (Not supported for Windows instances)

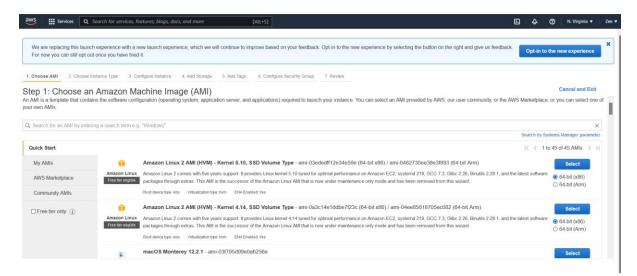
Private key file format

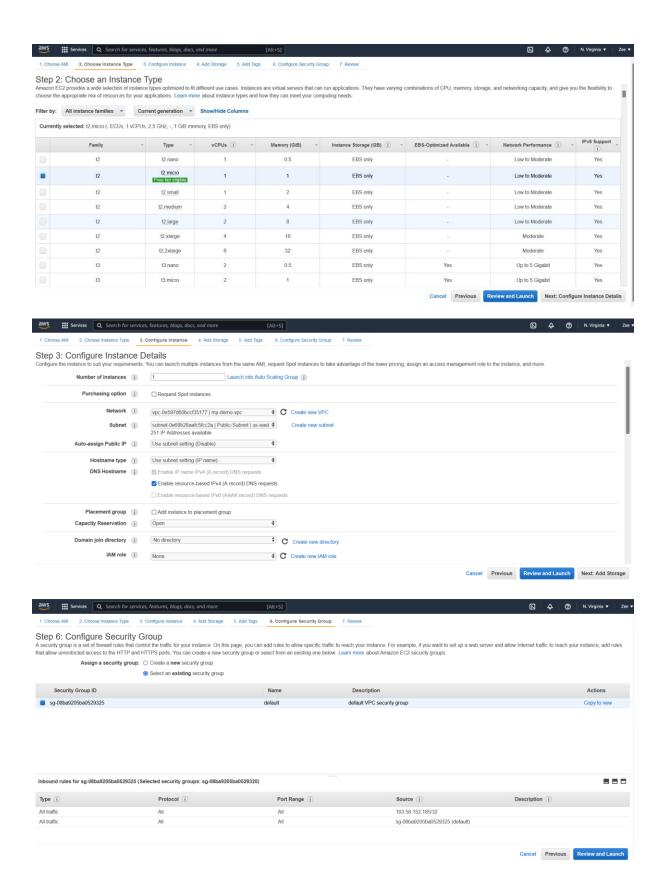
o .pem

For use with OpenSSH

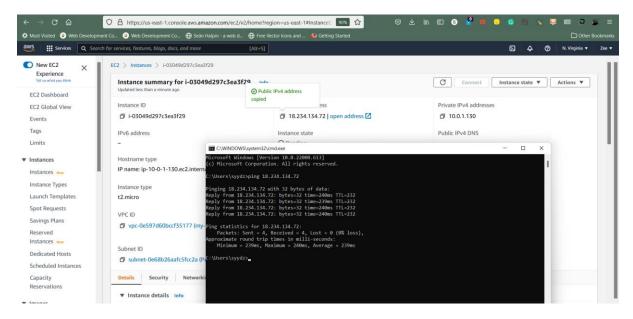
.ppk

8) Create a private instance.

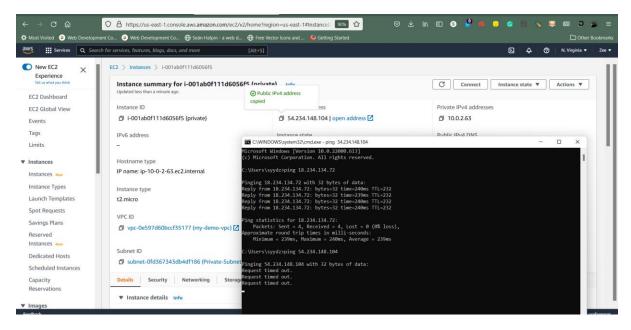




9) Ping public-ec2 instance.



10) Ping private-ec2 instance.



Conclusion: Virtual private cloud implemented successfully.