Task-2

Set up a Virtual Private Cloud (VPC)/ Vnet on any cloud to securely host your resources, allowing you to define your own network environment.

Start:

I am using AWS cloud platform.

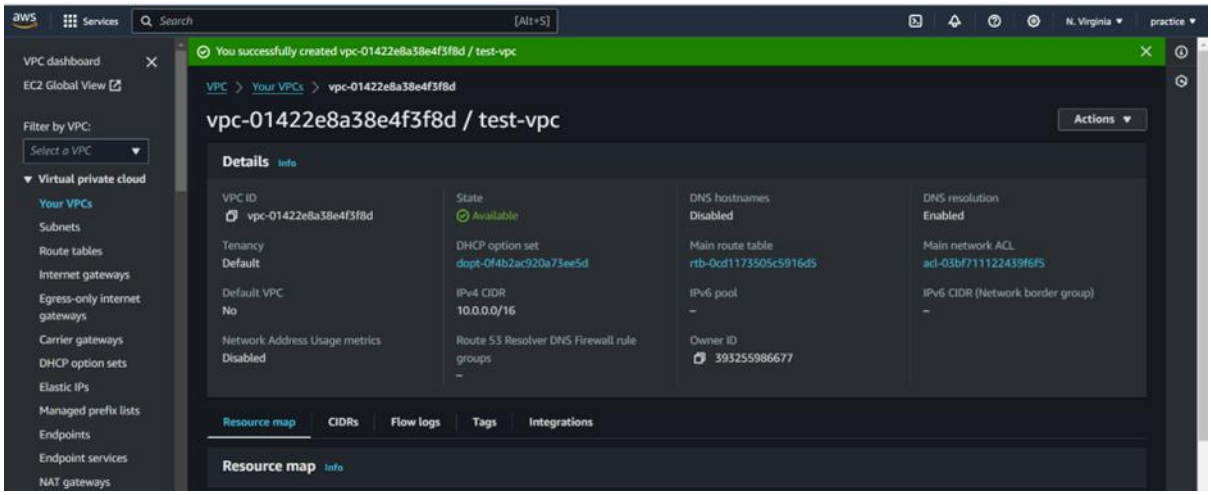
Create a VPC (virtual private cloud).

Step-1:

Now, I am login AWS console, open VPC service.

Firstly, I am creating a VPC

Create a vpc

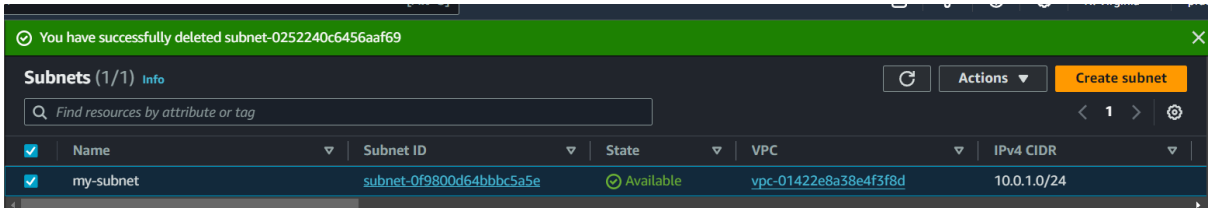


Name tag: test-vpc

Ipv4 CIDR block: 10.0.0.0/16

Step-2:

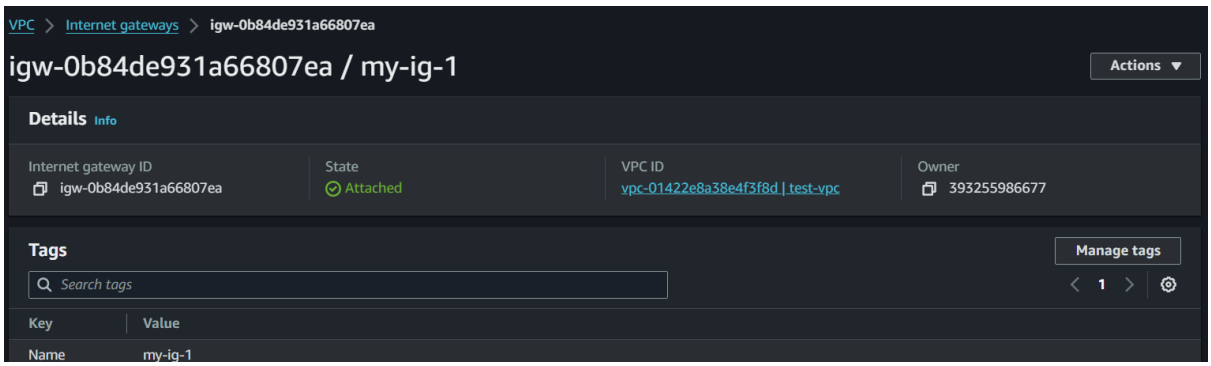
Create a subnet



IPv4 CIDR: 10.0.1.0/24

Step-3:

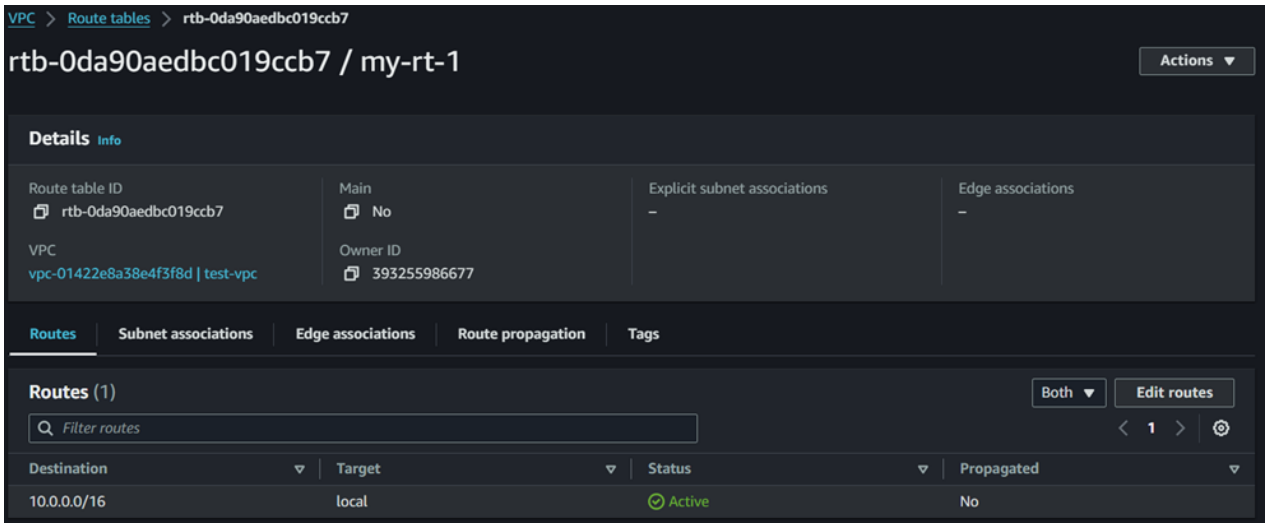
Create internet gateway



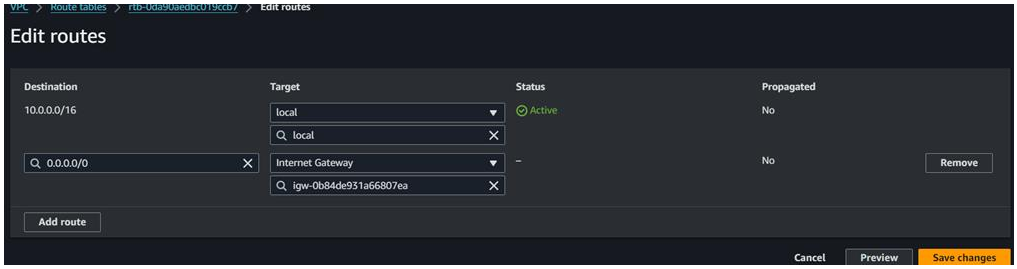
Attach vpc

Step-4:

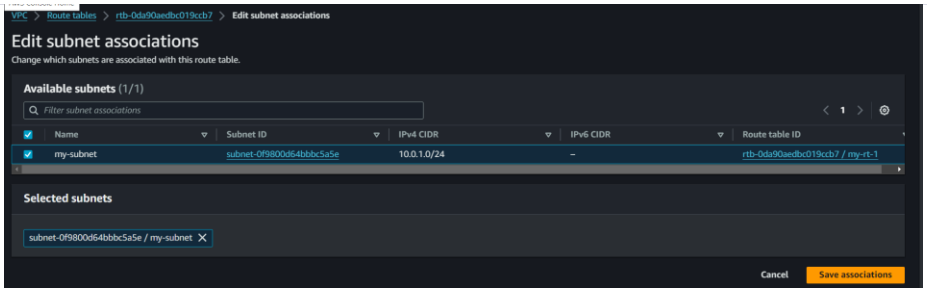
Create a route table



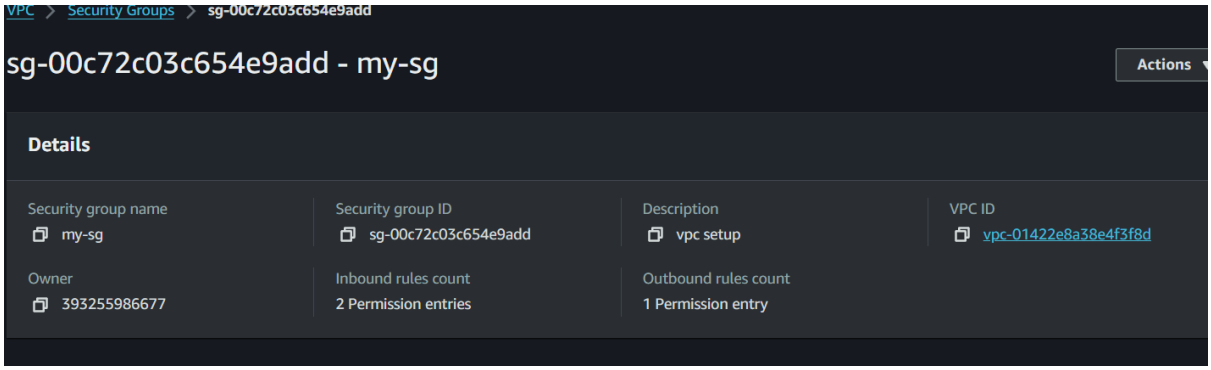
Attach internet gateway (for subnets internet access)



Edit associates subnets (for ensuring our traffic and each subnet associate by VPC)
Save subnets the associates



Step-5:Create a security groups

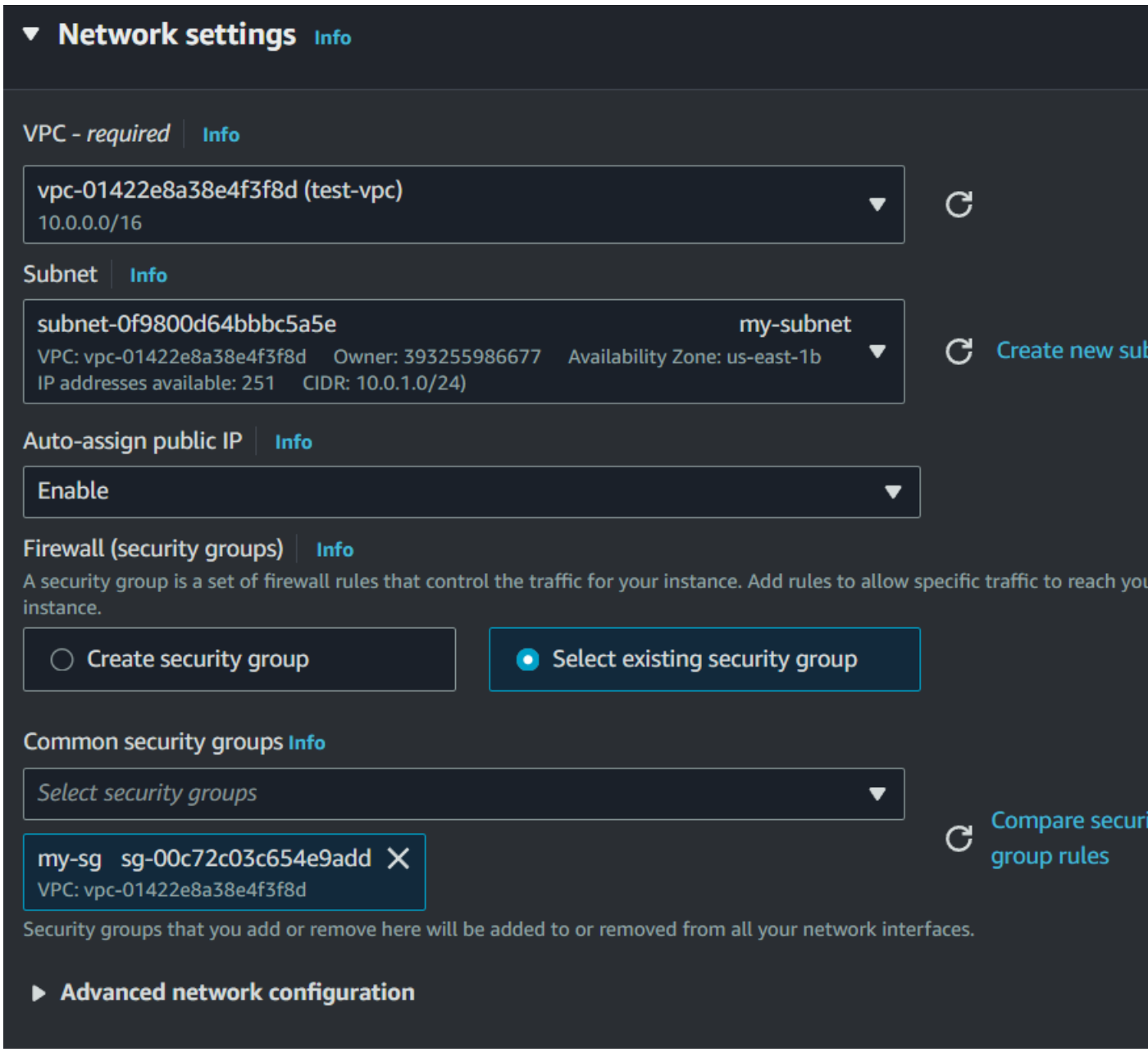


Before VPC resources maps

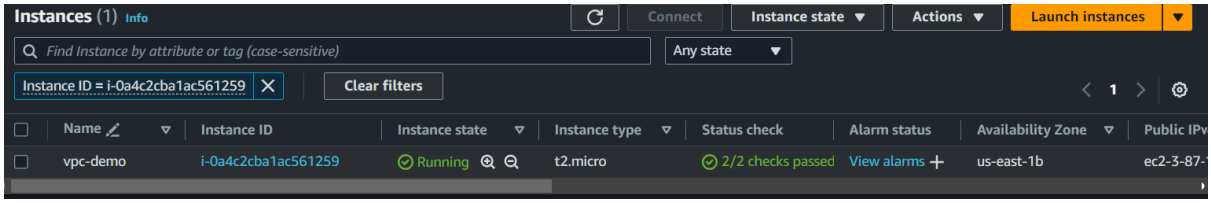
After VPC resources maps

Step-6:Launch instance (ec2 instance ubuntu)Create instance :

Instance name: vpc-demo, Ami: ubuntu, Instance type: t2.micro



Launch instance



Than connect the server on git bash

Verified my instance (for check my internet access)