

ASSIGNMENT-5

Course: DevOps

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Batch No: 115 (9am-10am)

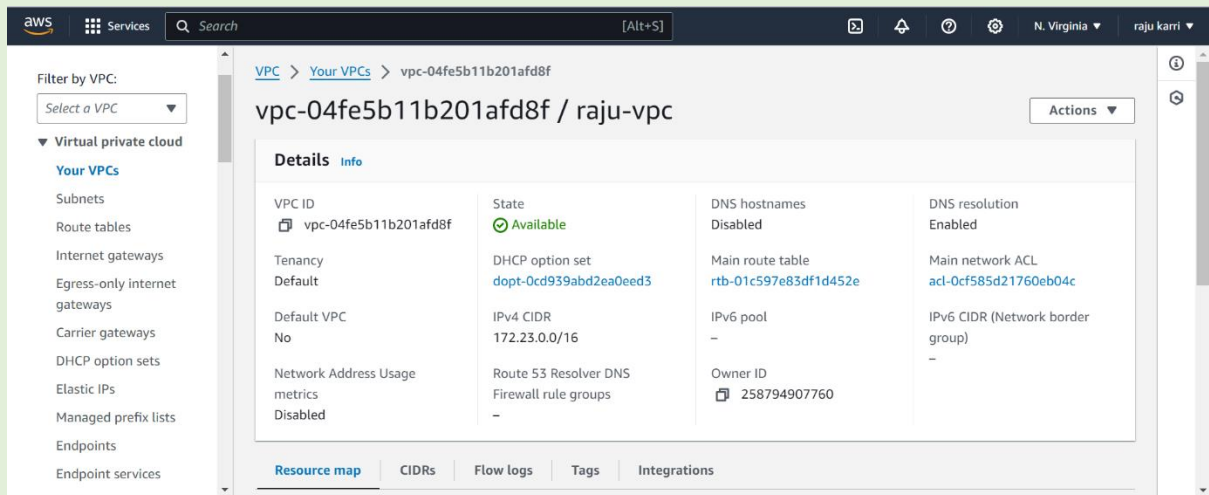
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Trainer Name: Mr. Madhukar Reddy

Date: 1-02-24

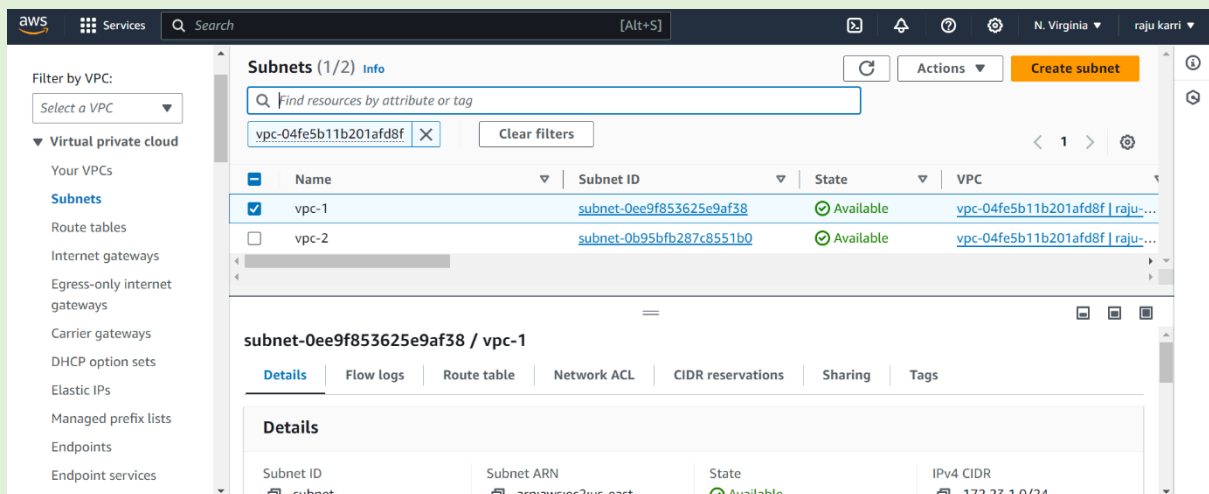
Topic: Implementing The Simple Diagram of Connecting to Private Instance using Public Instance.

VPC:



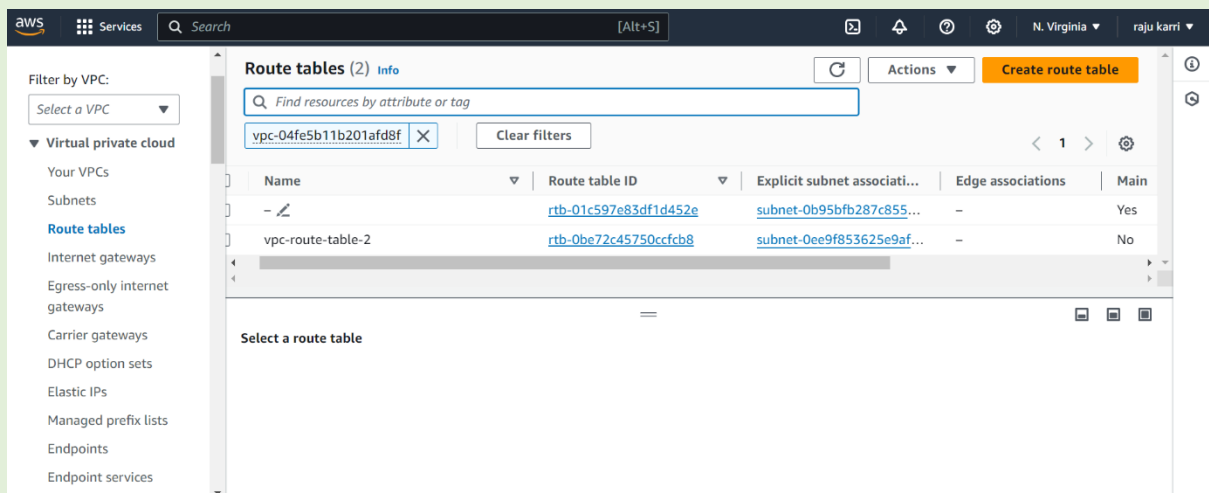
Create VPC in the IP range of 172.23.0.0/16.

SUBNETS:



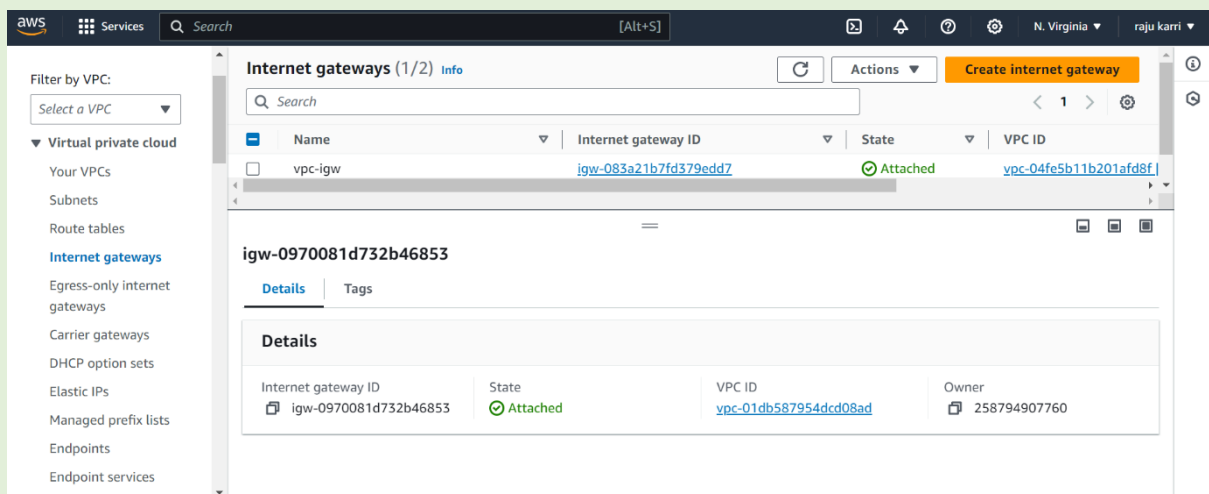
Create subnets for the above VPC with the names of vpc-1, vpc-2.

ROUTE TABLE:



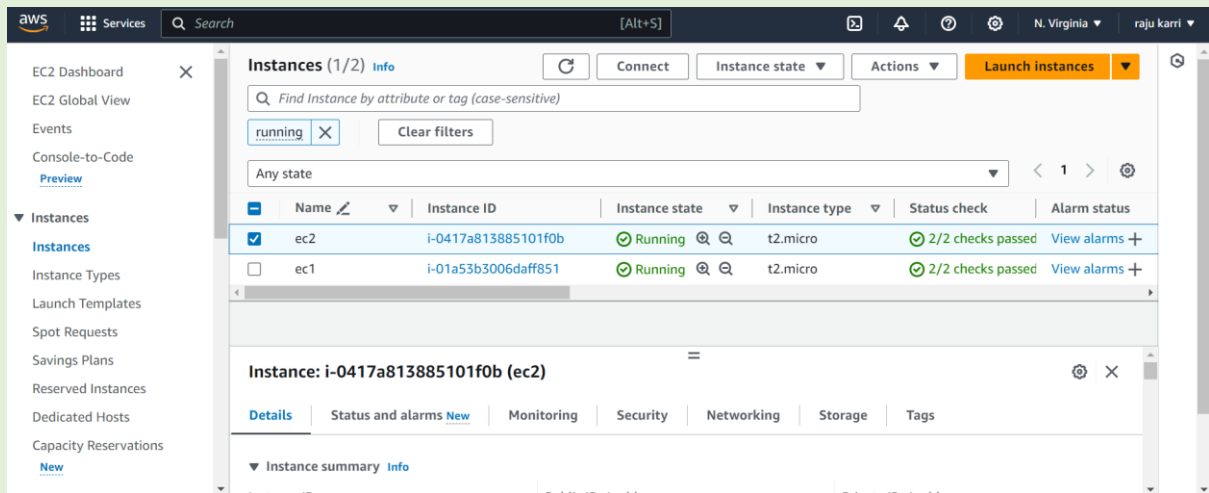
Now create route table with the name of vpc-route-table-2 which is connected to this vpc and made route to it to specify the flow. And add the vpc2 to the subnet association in this route table.

INTERNET GATEWAY:



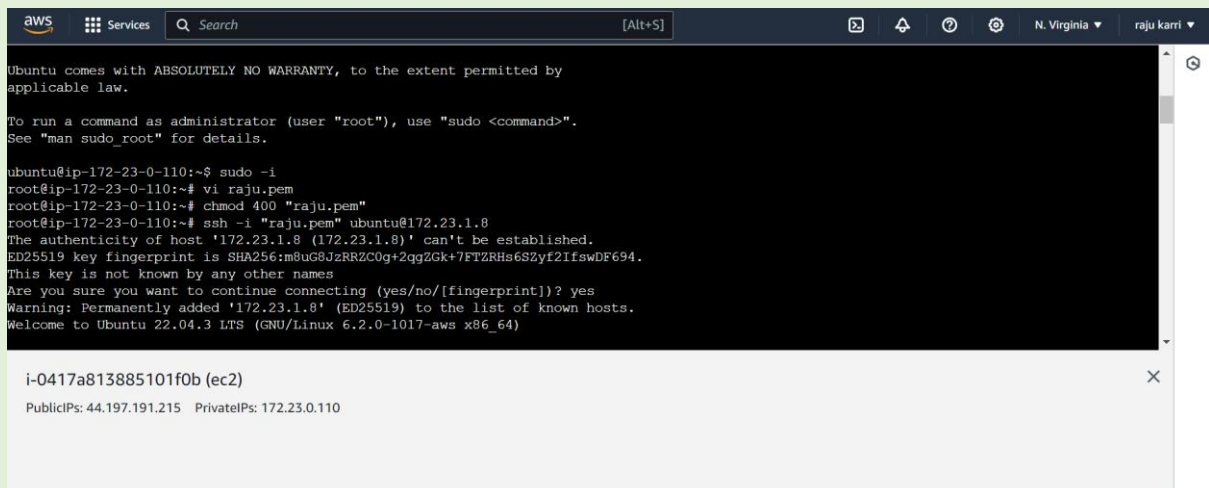
Now create the Internet gateway with the name of vpc-igw, which is connected to the main route table to give the internet access to the subnets. Where vpc2 will not get the internet access, so it can be called as private subnet.

EC2:



Now create the 2 ec2 instances using both the subnets. With vpc1 as public instance and with the subnet vpc2 as a private instance.

SSH CONECTION:



We can connect to the public instance but we can't connect to the private instance, were it doesn't have an internet access. Now we can connect to the private instance with the key pair from the public instance.