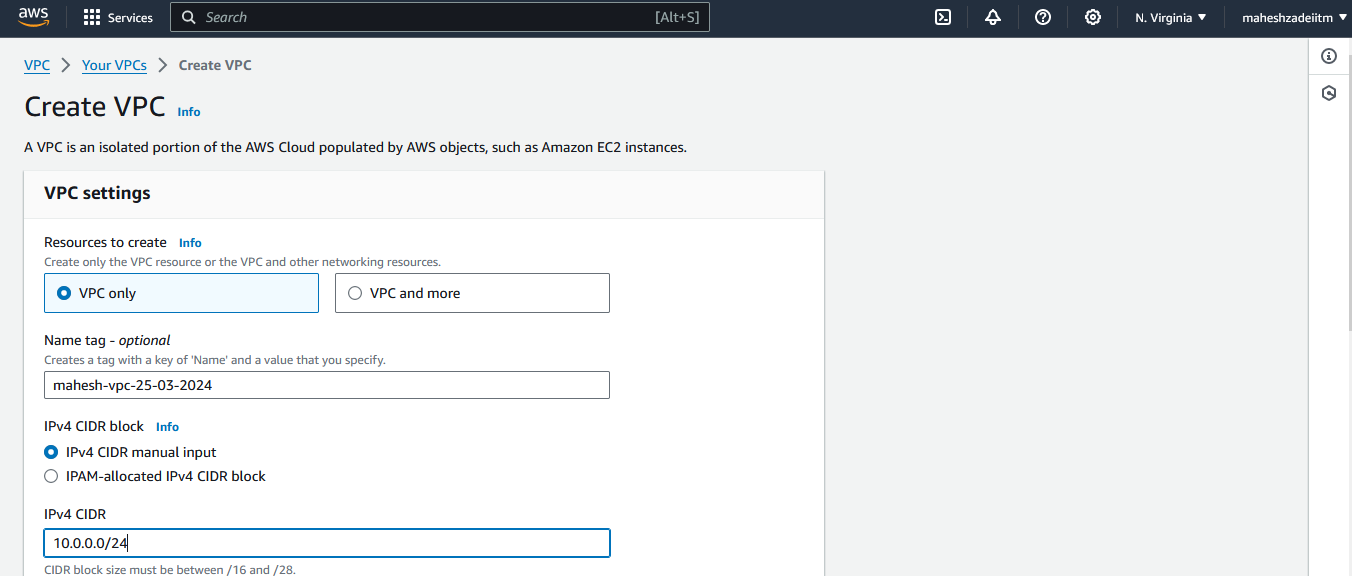
Optiona Handson:VPC +EC2, EBS, AMI – 24/03/2024 -IP Yash + Mahesh

First Create the New VPC and Login to the AWS Console

A screenshot of a computer

Description automatically generated

Give the CIDR as 10.0.0.0/24



Click on Create VPC

A screenshot of a computer

Description automatically generated

VPC Created

A screenshot of a computer

Description automatically generated

Now create the subnet

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Give IPV4 CIDR Block

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Create the second subnet

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Now crate the 3rd Subnet

By default all the subnets are private , we have to make the Subnet Public by adding internet gateway .

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Three Subnet created

A screenshot of a computer

Description automatically generated

Ref Architecture in Class

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Now create the Route Table to access the subnet Why to crate a 1 or 3 RT

Reason : There is no way to attached the internet gateway in subnets.

Route Table was created to get the internet access to subnets.

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Click on subnet association

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Edit subnet association and then save association

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Now go to Route and edit route for internet access

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

Now Need to create the internet gateway

A screenshot of a computer

Description automatically generated

Created internet gateway and attach it to VPC which we created

A screenshot of a computer

Description automatically generated

IGW attached to VPC now

A screenshot of a computer

Description automatically generated

RT attached internt gateway

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

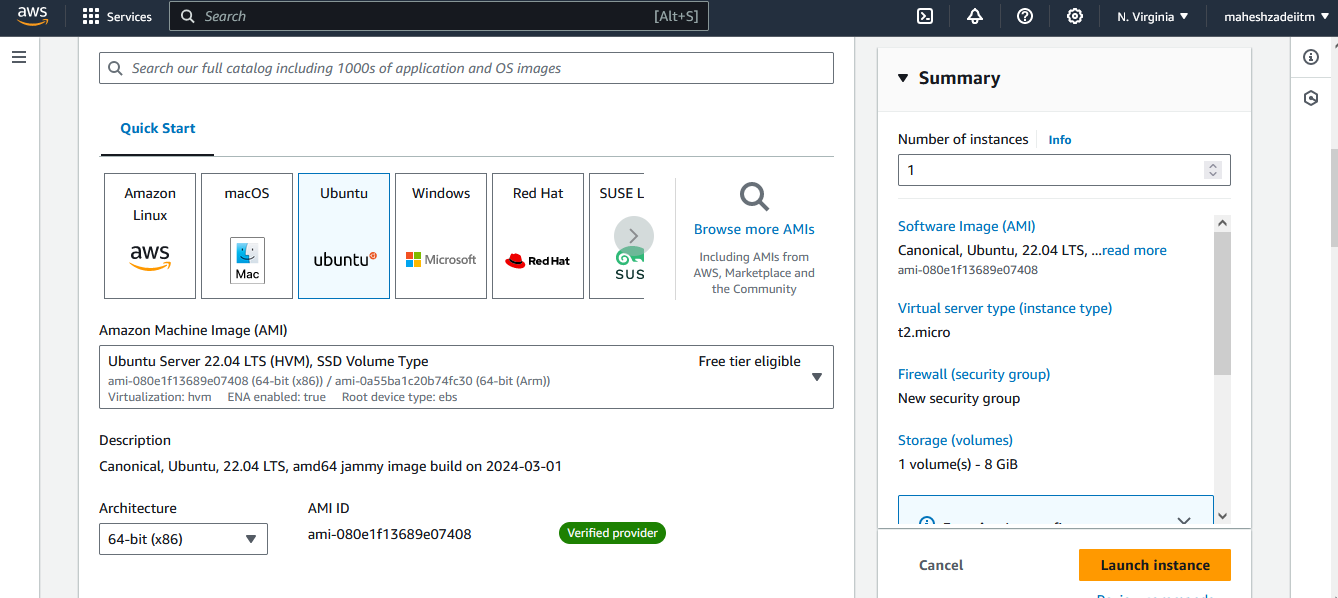
Go to Sunet and enable public IP to all subnet

**A screenshot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generated**

****

**A screenshot of a software

Description automatically generated**

**Downlaod the keypair**

**A screenshot of a computer

Description automatically generated**

**Edit Network setting s**

**A screenshot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generated**

**Click on launch Instacne**

**A screenshot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generated**

**Click on connect**

**A screenshot of a computer

Description automatically generated**

**A screenshot of a computer

Description automatically generated**

**EC2 instance Launch in my Custom VPC**

**Thanks you**