JNTUH – Cloud & DevOps

AWS Assignment-2 - Oct 27th, 2022

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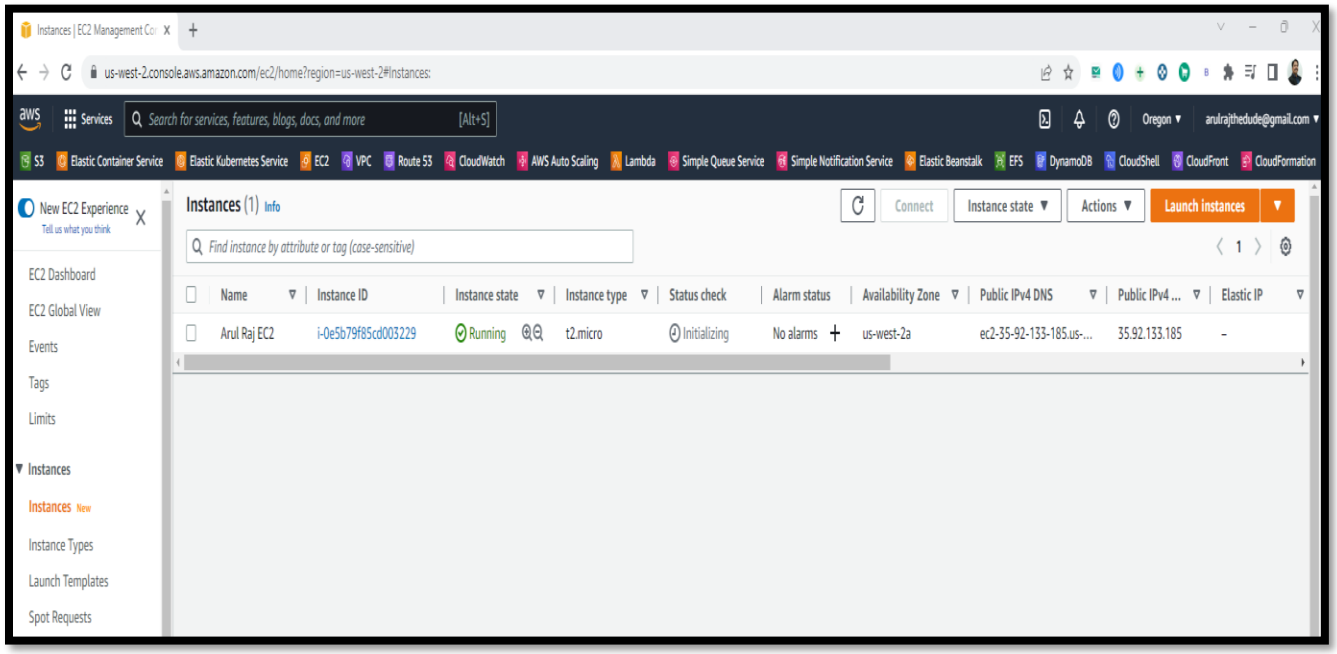
Assignment

1. EC2 instances (2 machines - 1st machine - name, 2nd machine - sur name)
2. EBS volume
3. Snapshot
4. AMI
5. Load Balancer
6. VPC with 2 public subnets & 2 private subnet having Internet gateway and NAT gateway
7. VPC Peering

Note: Follow the powerpoint for VPC & VPC peering architecture and reiterate.

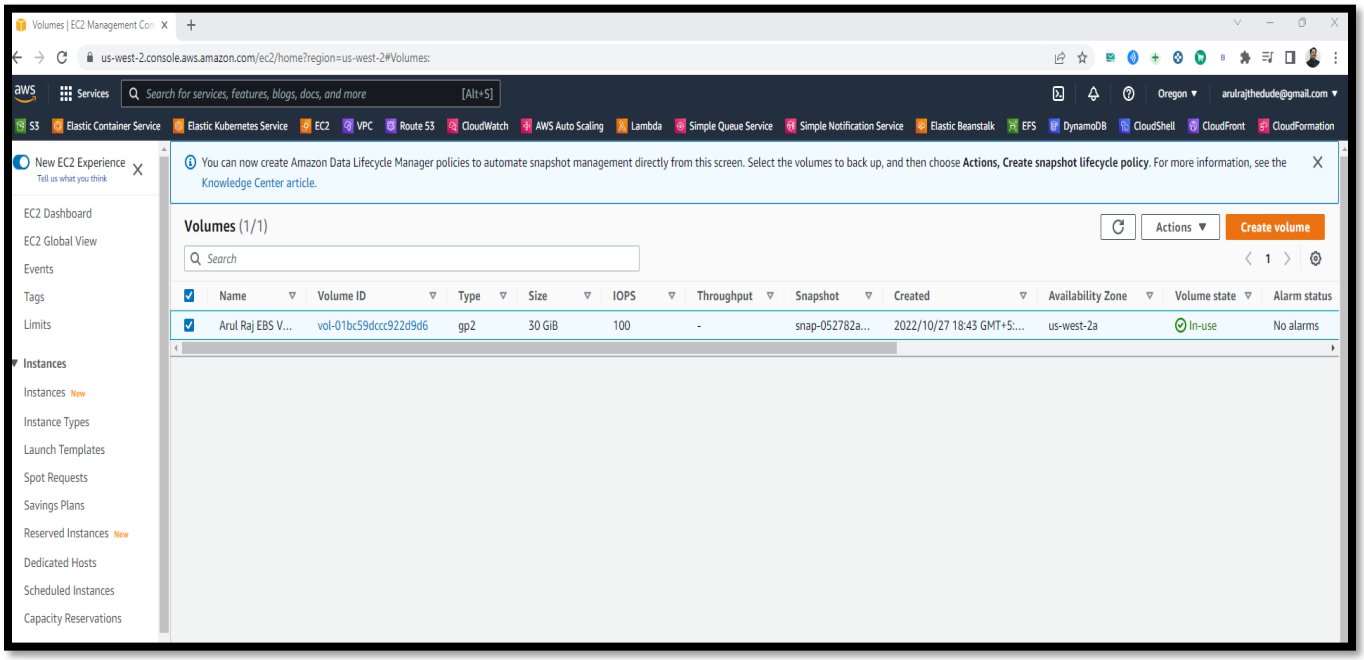
1. User your names & Sur names with all the practical topics and share the screen shots and step wise information.

1. Create an **EC2 Instance:**
   Created EC2 Instance as ***'Arul Raj EC2'***

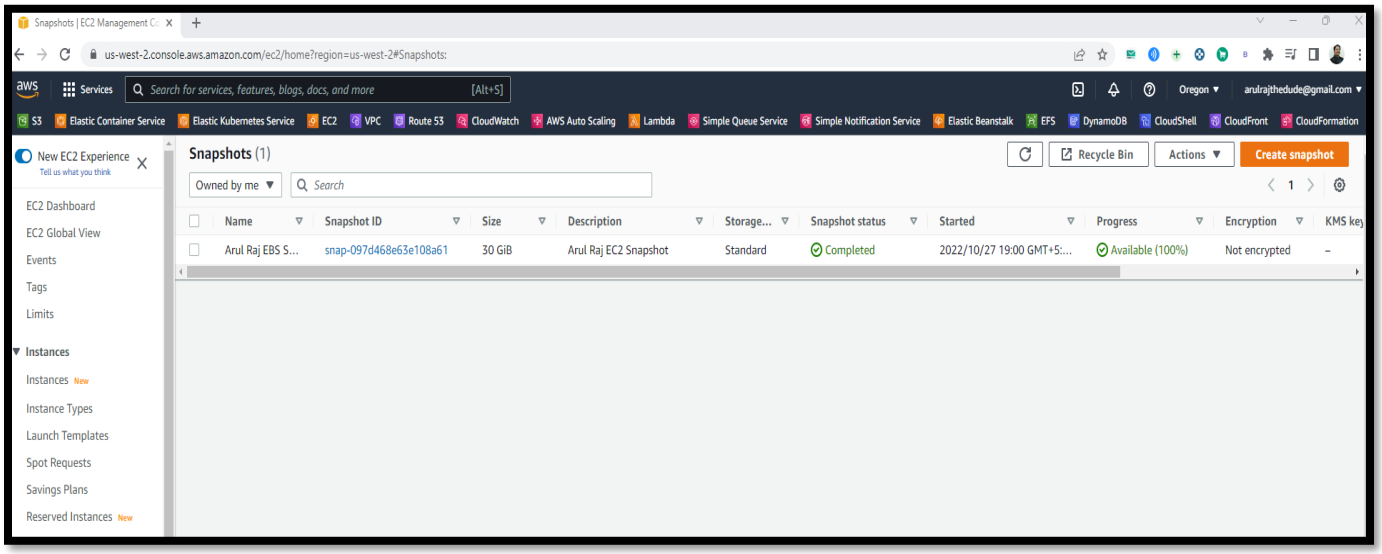


2. Create an **Elastic Block Store:**

Created EBS Volume along with the EC2 Instance as ***'Arul Raj EBS Volume'***

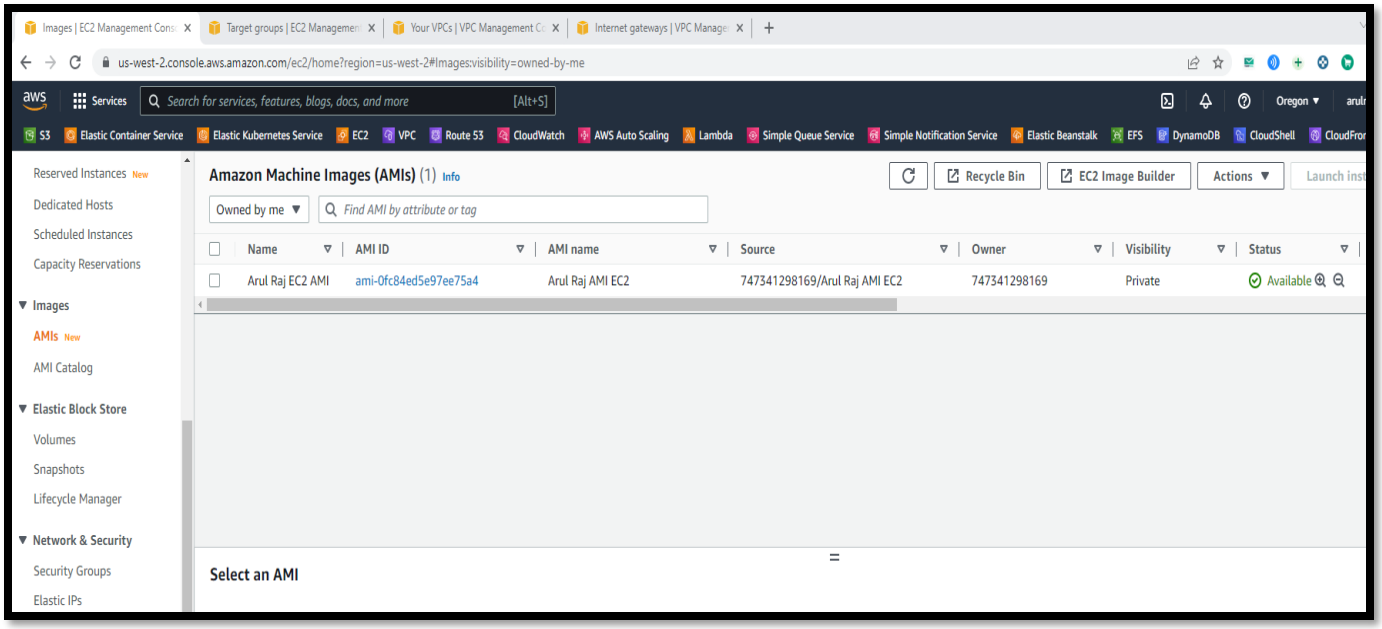


3. Create a **Snapshot Screenshot creation:**
   Created EBS Snapshot with ***'Arul Raj EBS Snapshot'***

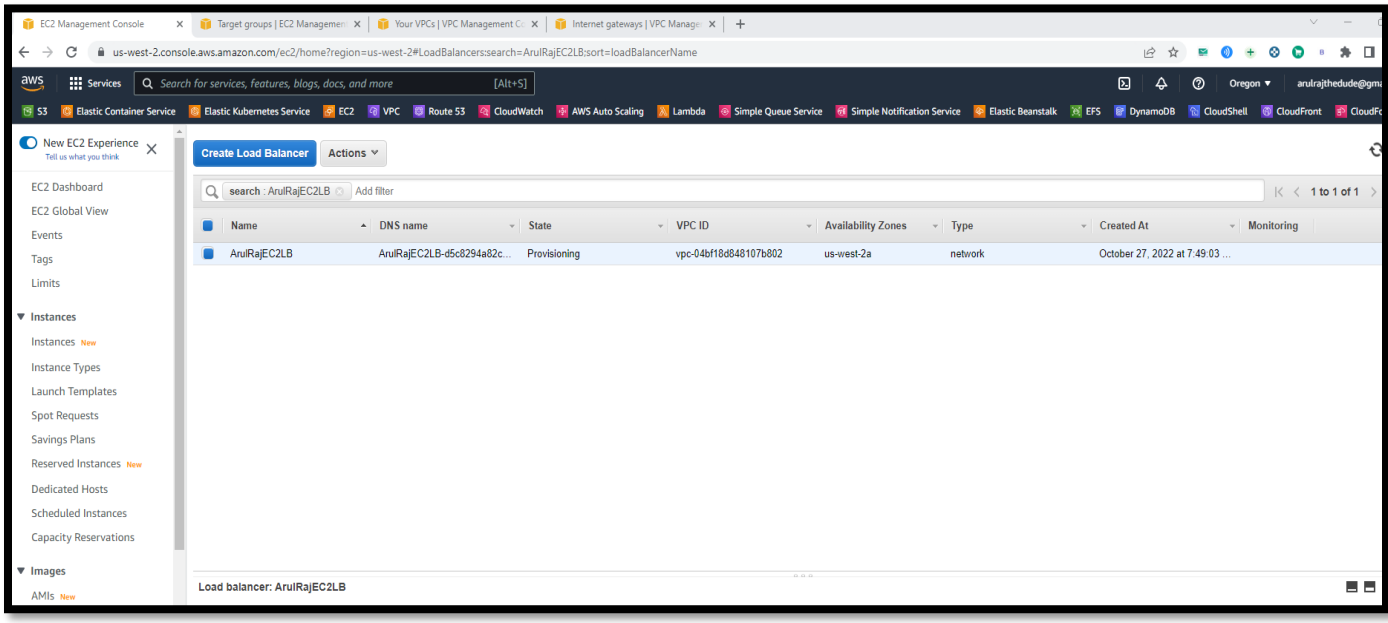


4. Create **AMI Creation:**

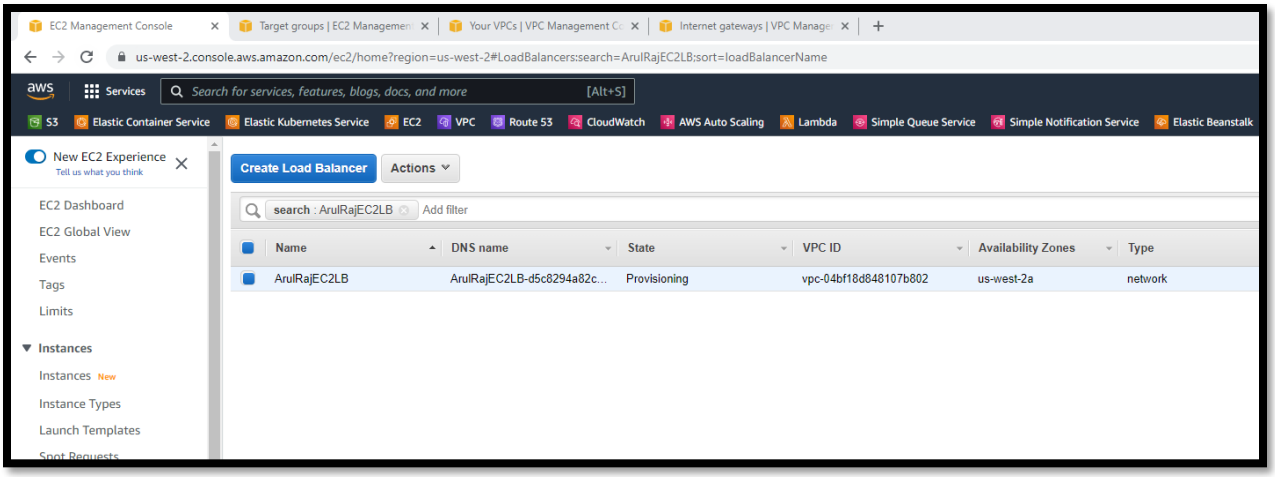
   Created the AMI of my EC2 Instance as ***'Arul Raj EC2 AMI'***



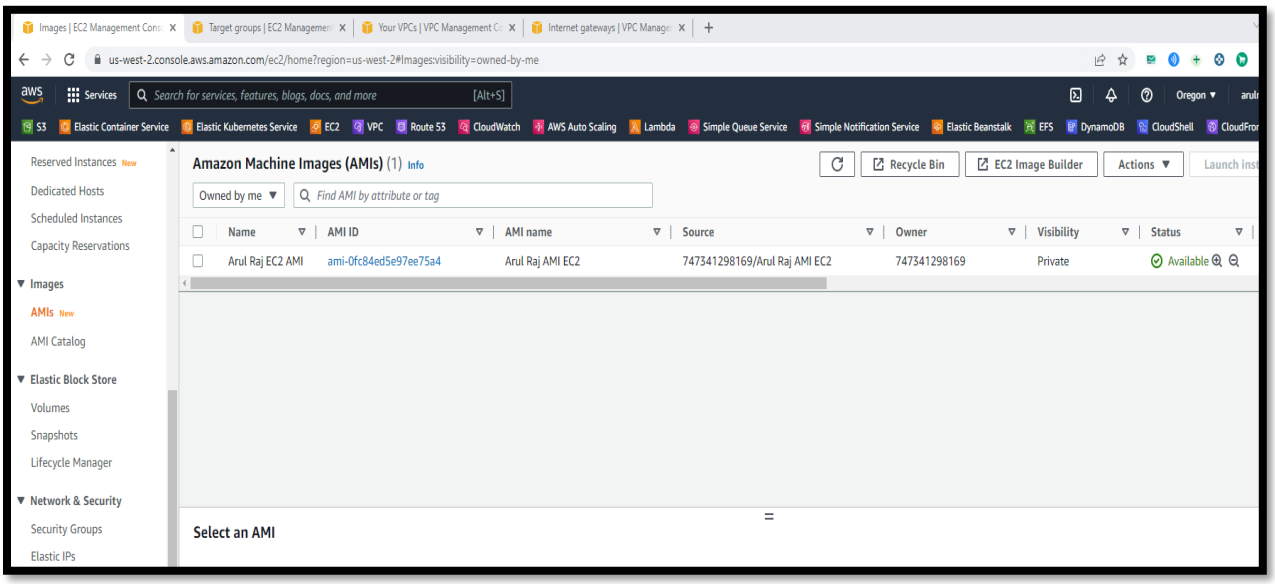
5. Create **Load Balancer:**
   Created Load Balancer as ***'ArulRajEC2LB'***



Load Balancer:



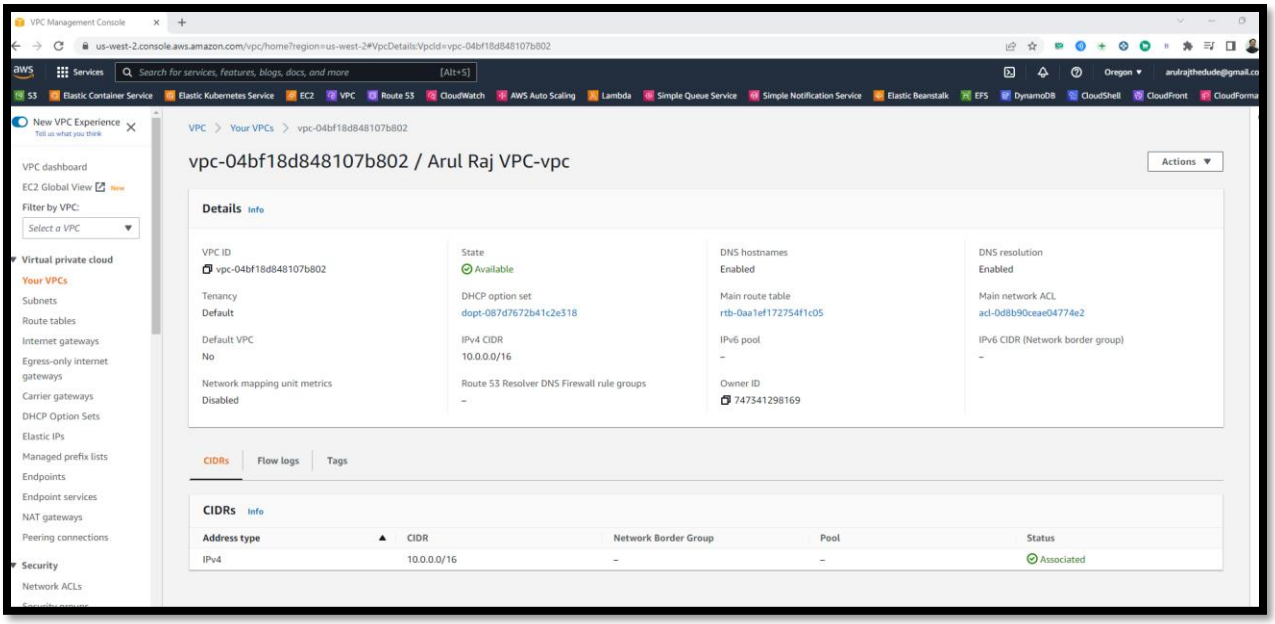
AMI:

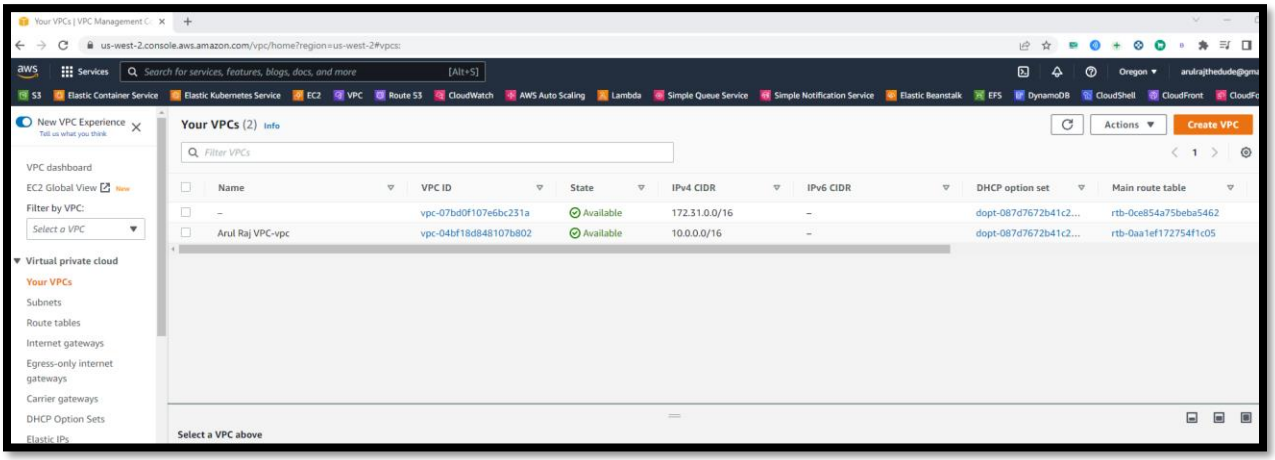


These are remaining from Assignment – 2.

<u>Create VPC :</u>

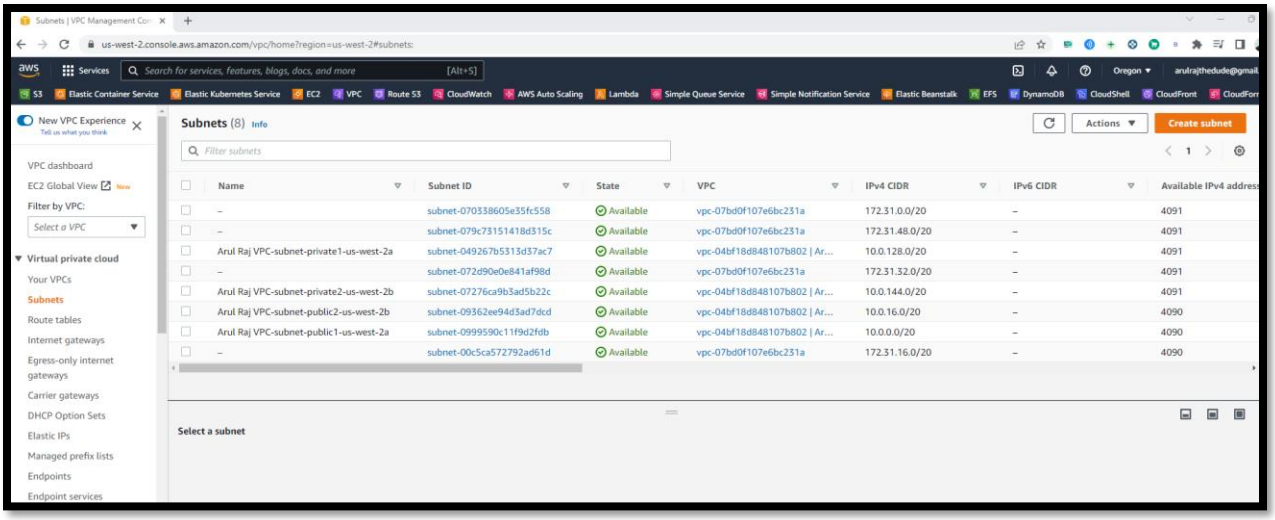
I have Created VPC and name with my name –***"Arul Raj-vpc"***





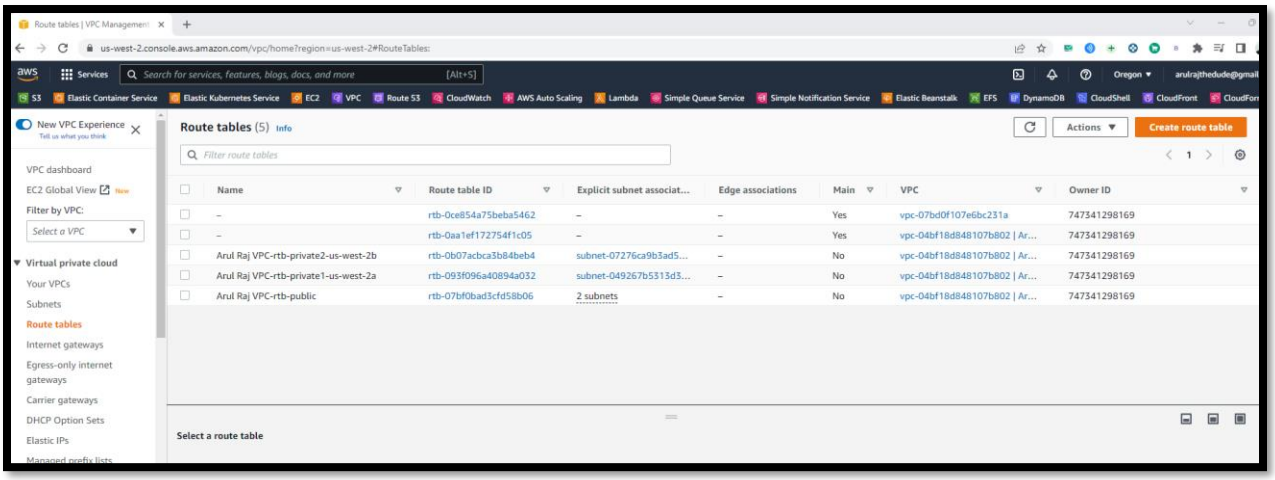
Create 2 Public Subnets & 2 Pvt Subnets:

I have created 2 Public Subnets and named as ***"Arul Raj VPC Subnet Public 1 & Arul Raj VPC Subnet Public 2"*** Also created 2 Private Subnets and named as ***"Arul Raj VPC Subnet private1 & Arul Raj VPC Subnet Private2"***



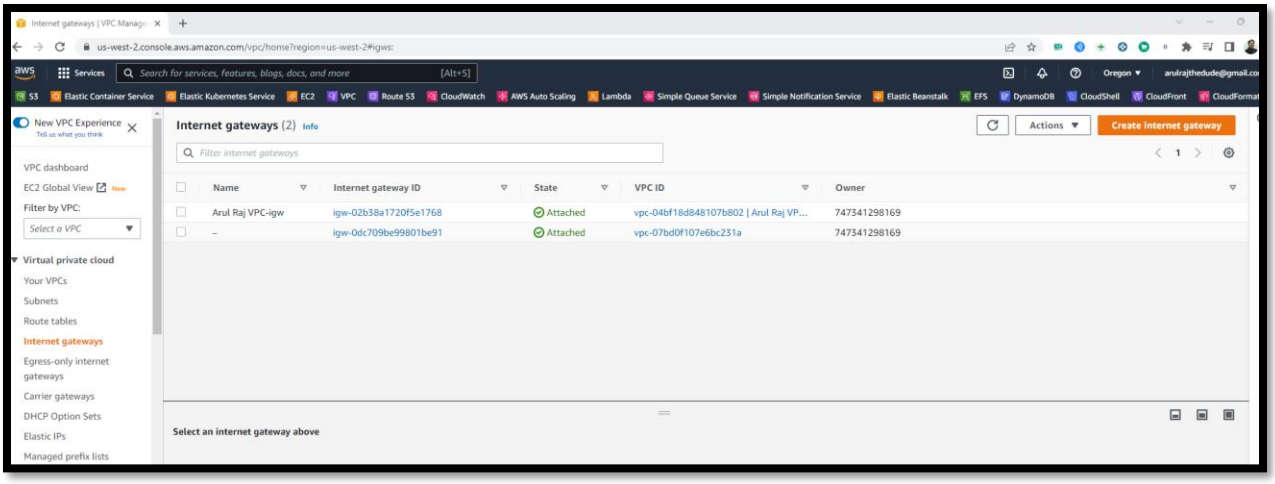
Create Route Table - RT:

I have created the RT and named as ***"Arul Raj rtb"***

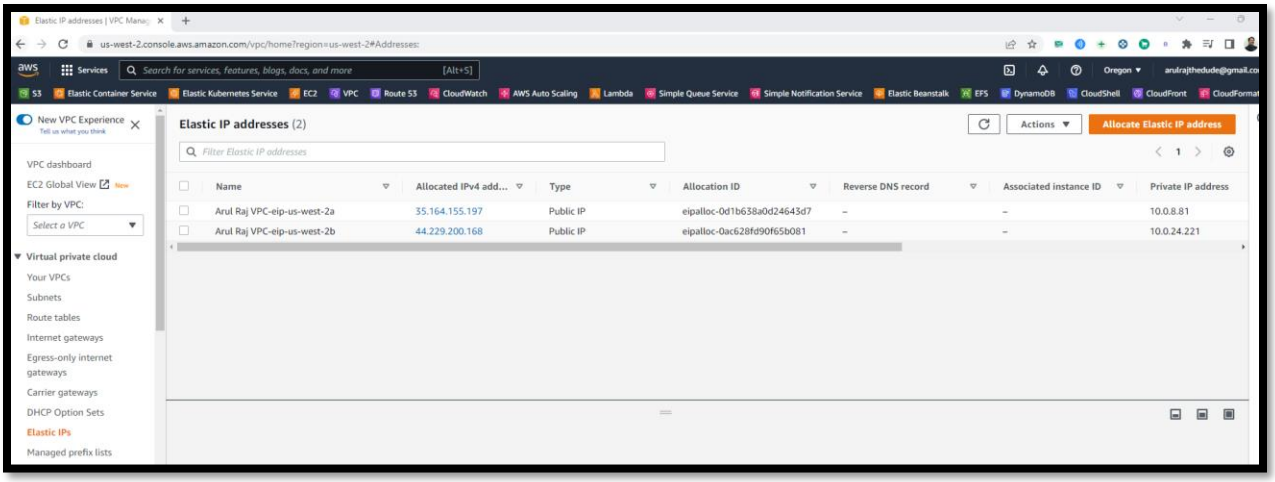


Create Internet Gateway – IGW:

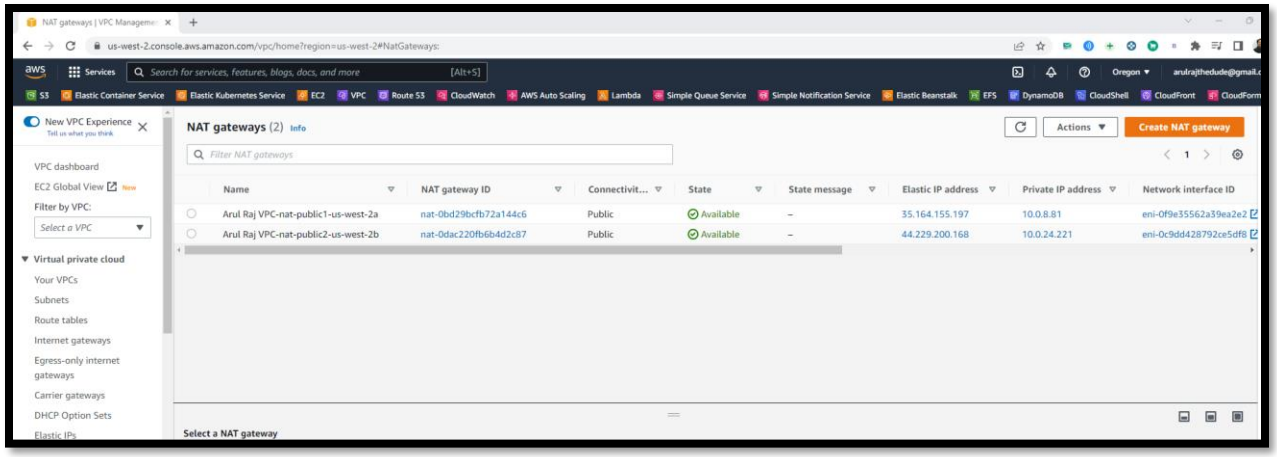
I have created IGW and named as ***"Arul Raj igw"***



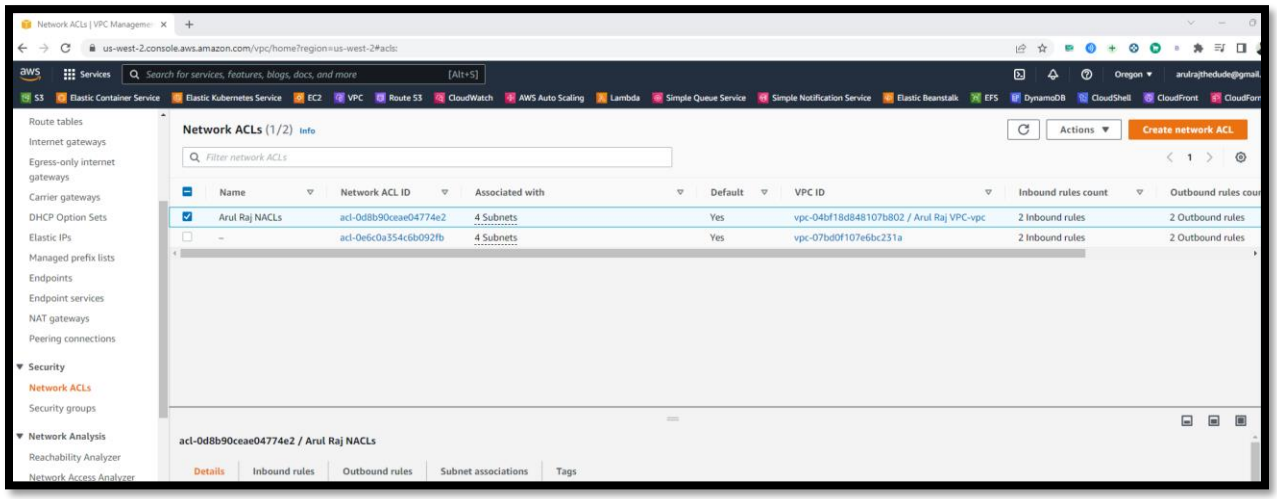
Create Elastic IPs:



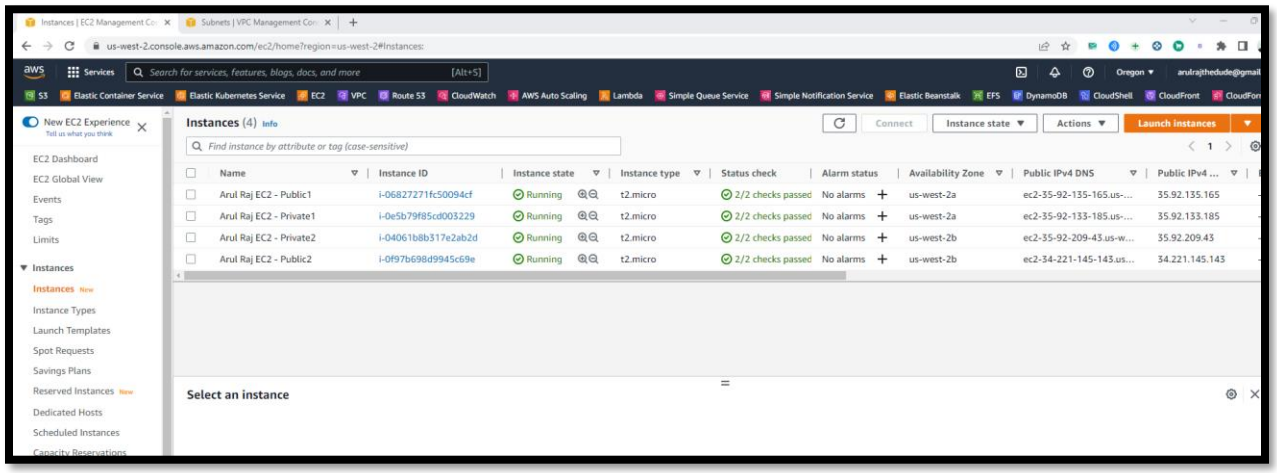
NAT Gateway:



Network ACLs



VPC Instances:



Target Groups: