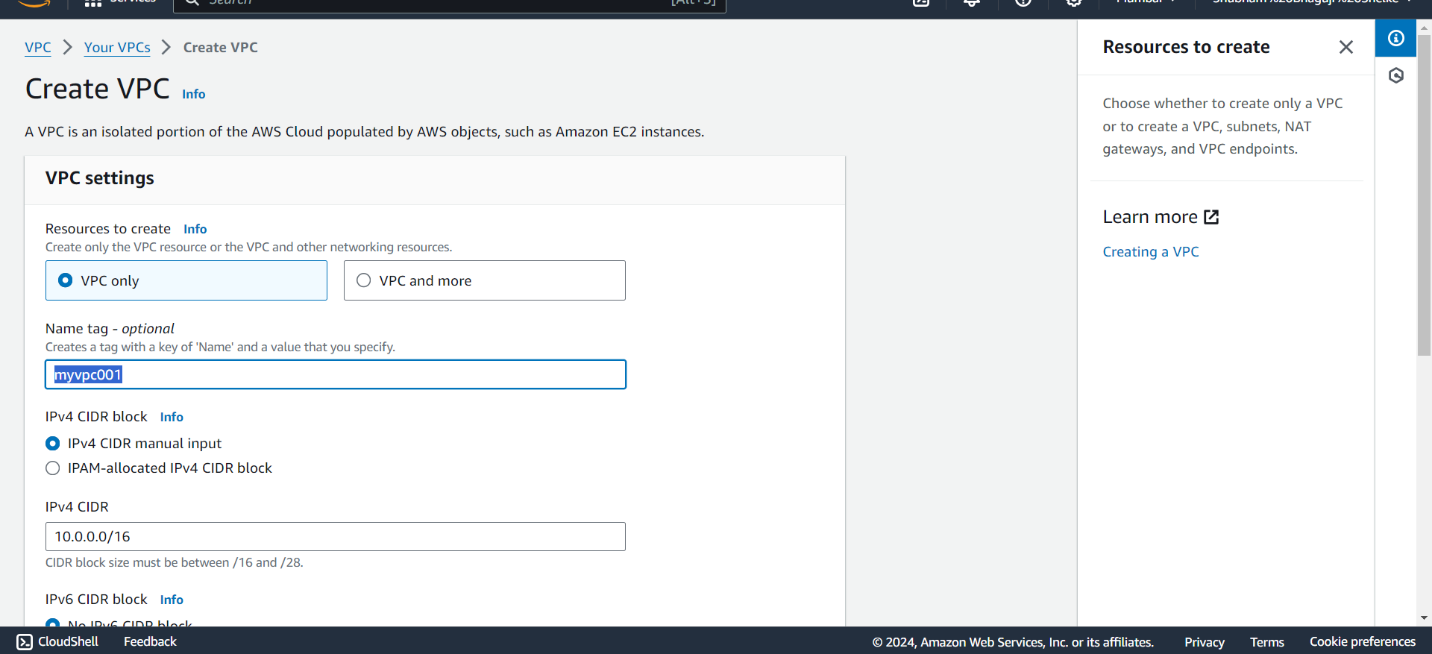
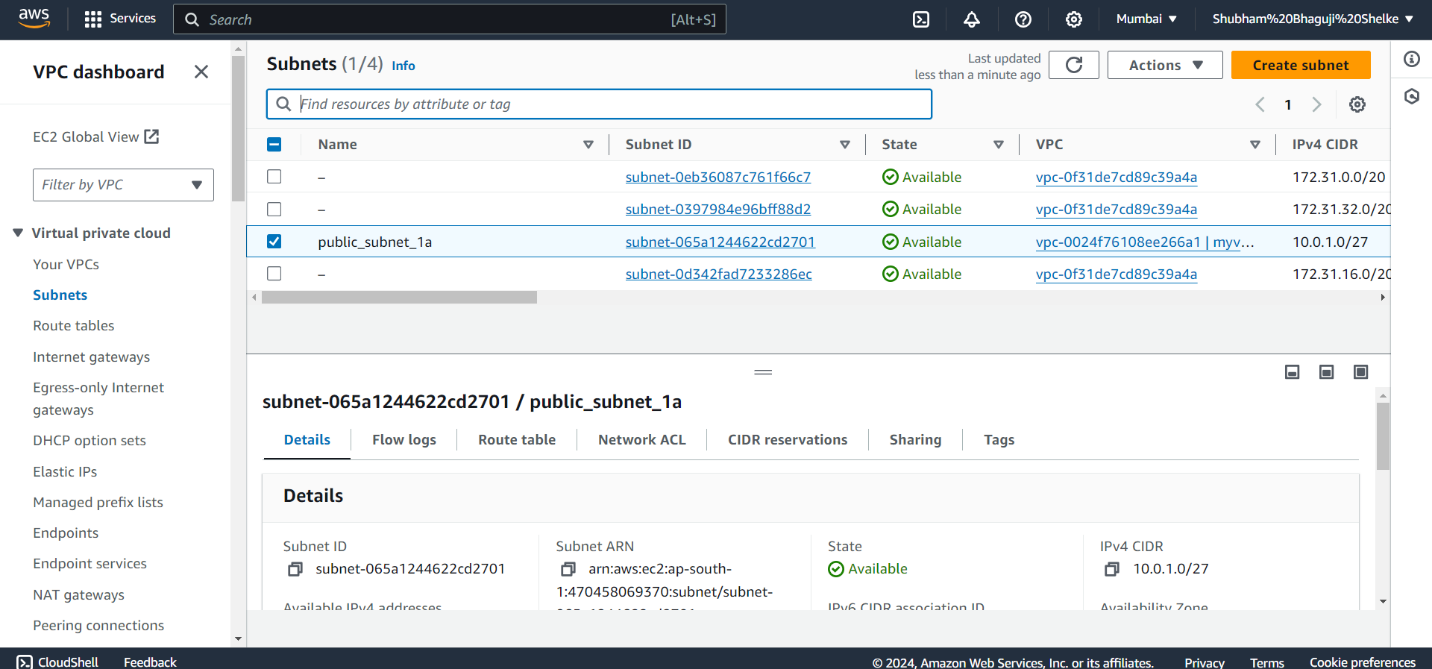
**VPC 18th September 2024**

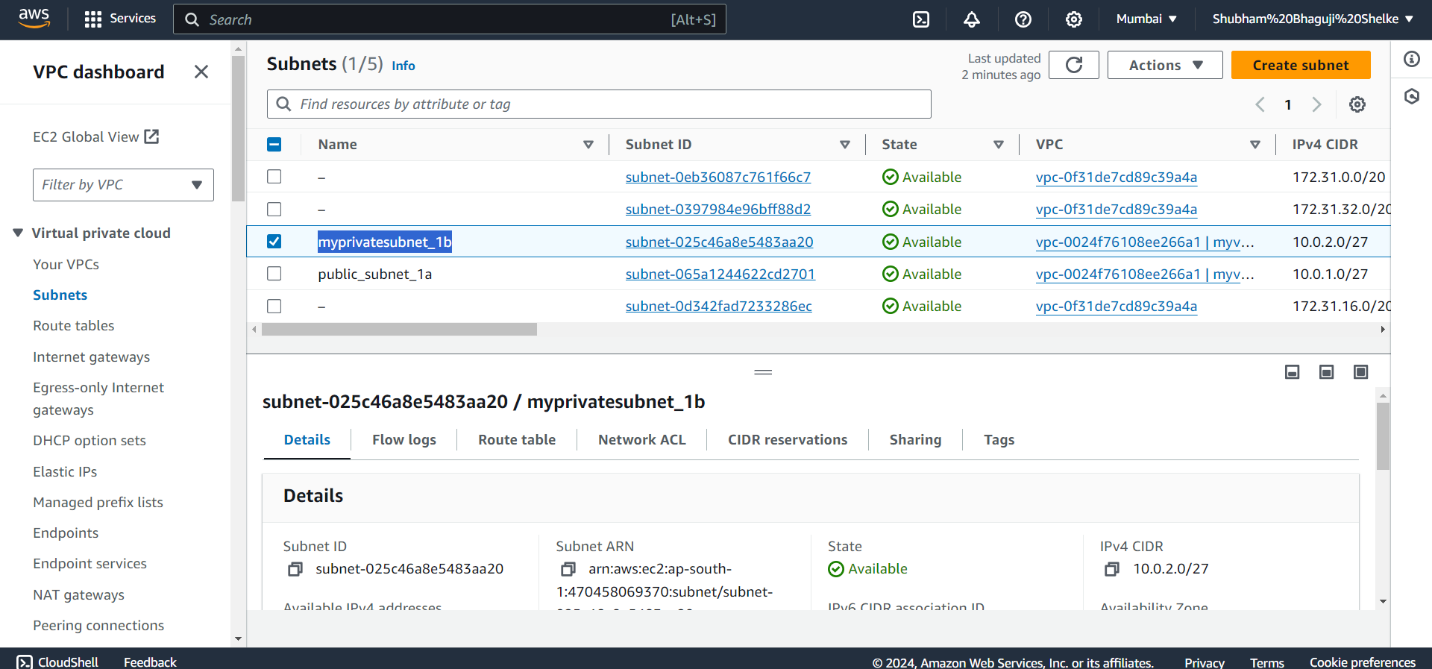
Create VPC in Ipv4 CIDR – 10.0.0.0/16

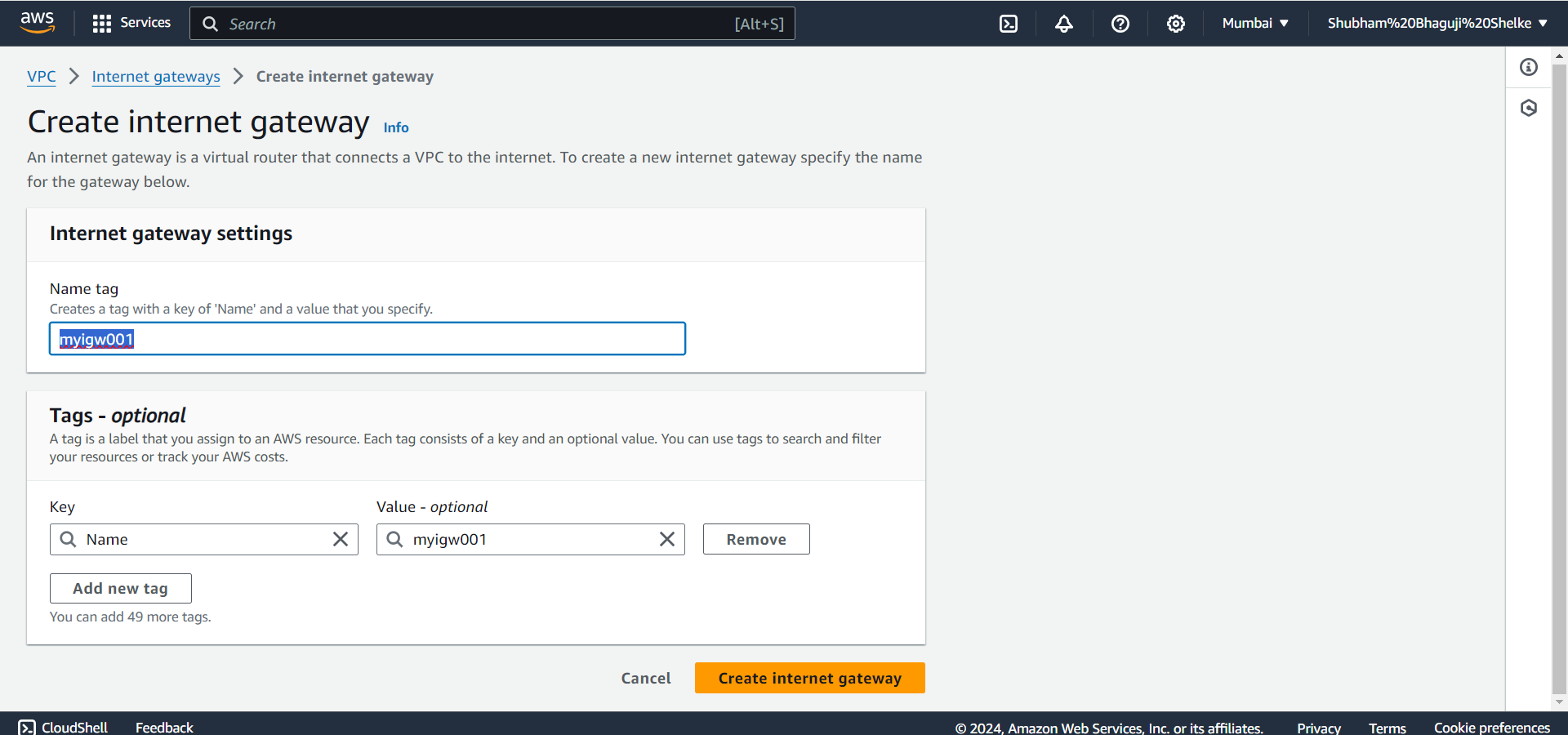


Create Subnet (Public Subnet) ipv4 CIDR – 10.0.1.0/27

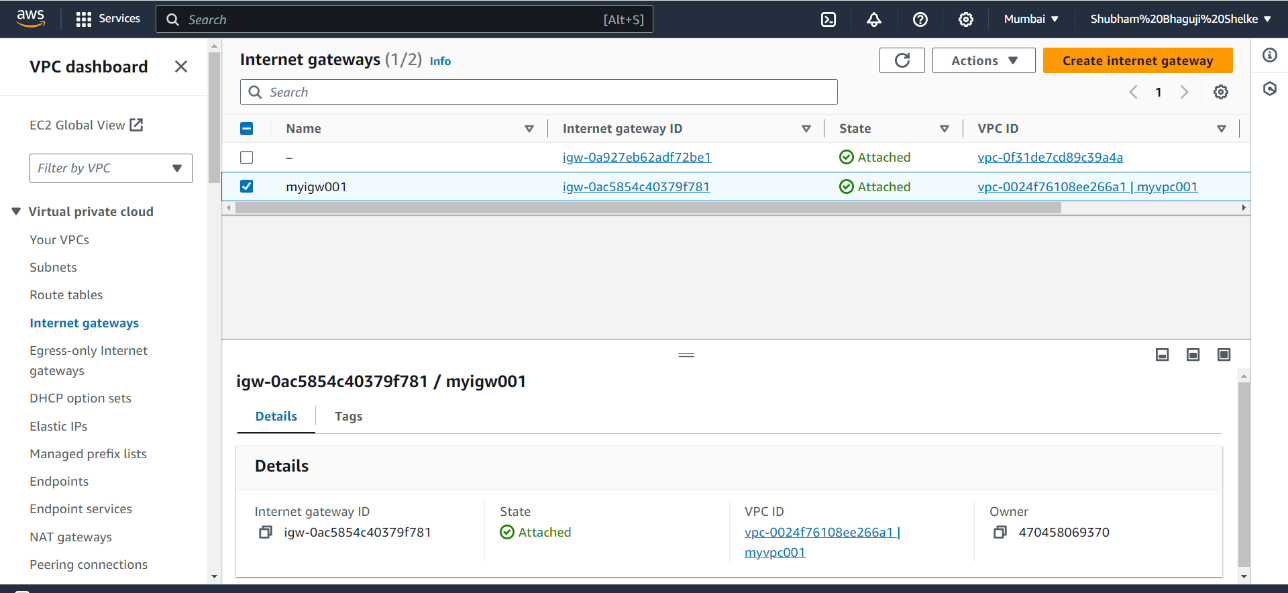


Create Subnet (Private Subnet) ipv4 CIDR – 10.0.2.0/27

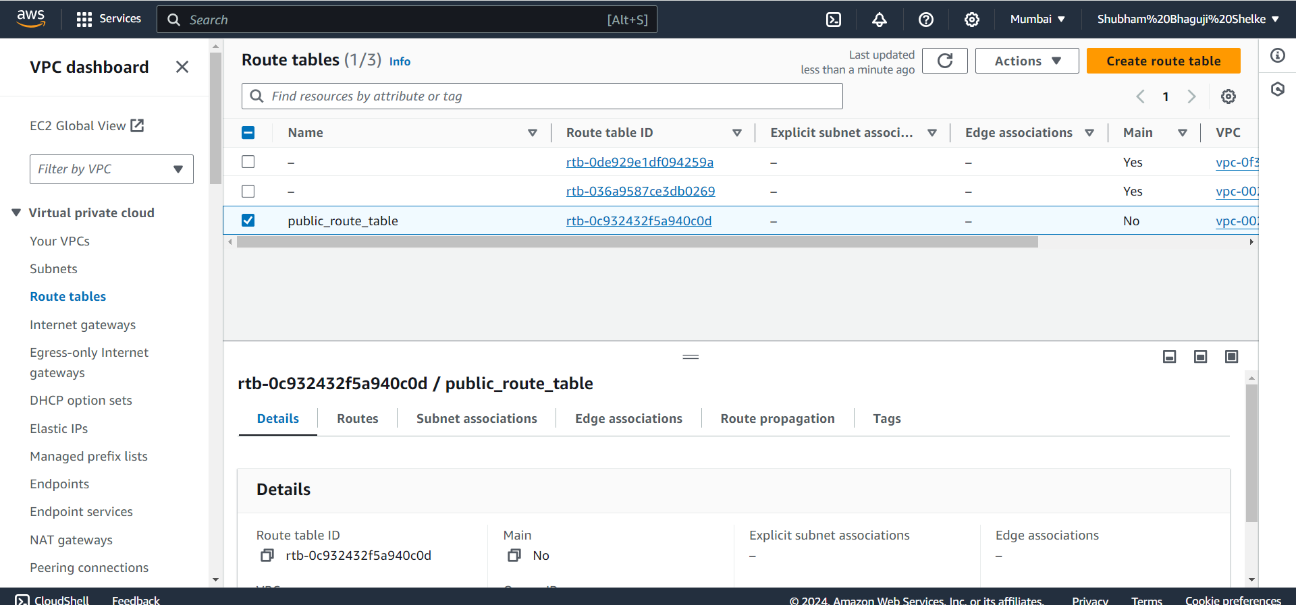


Create Internet Gateway 

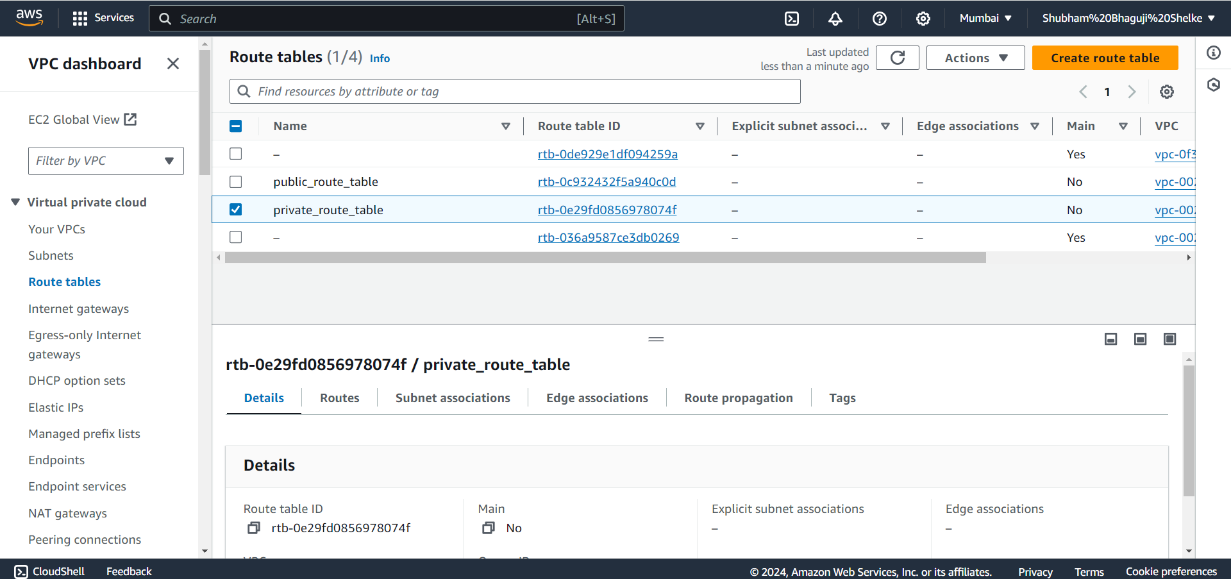
Internet Gateway are attached to VPC



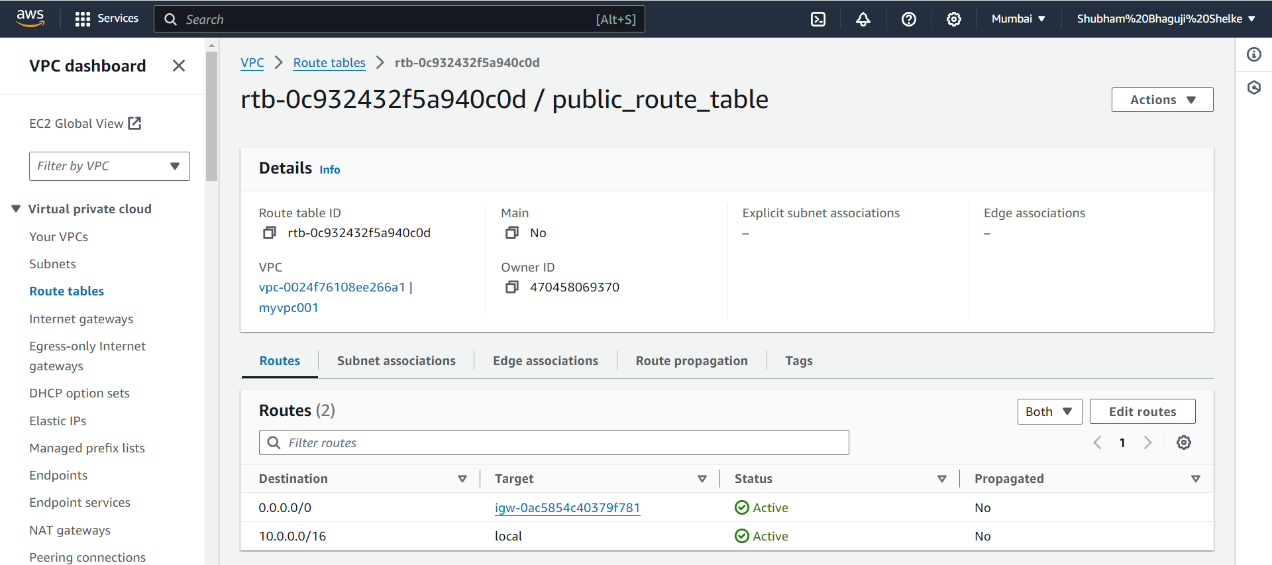
Create Route Table (public\_route\_table)



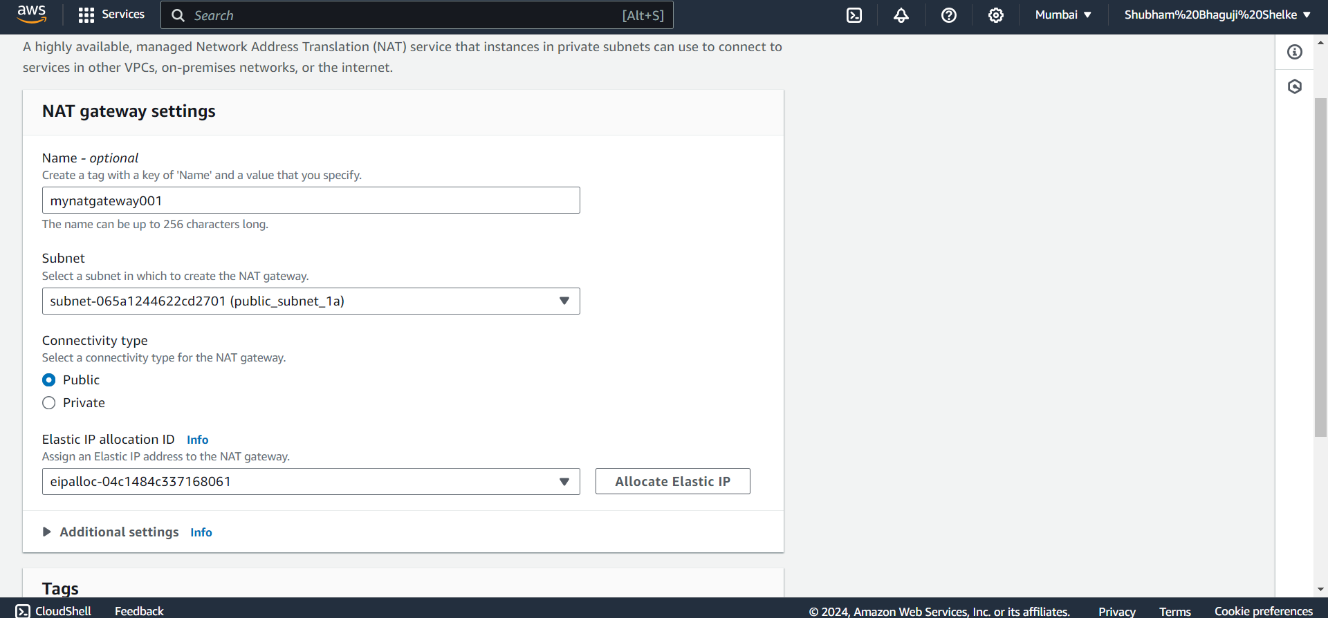
Create Route Table (private\_route\_table)

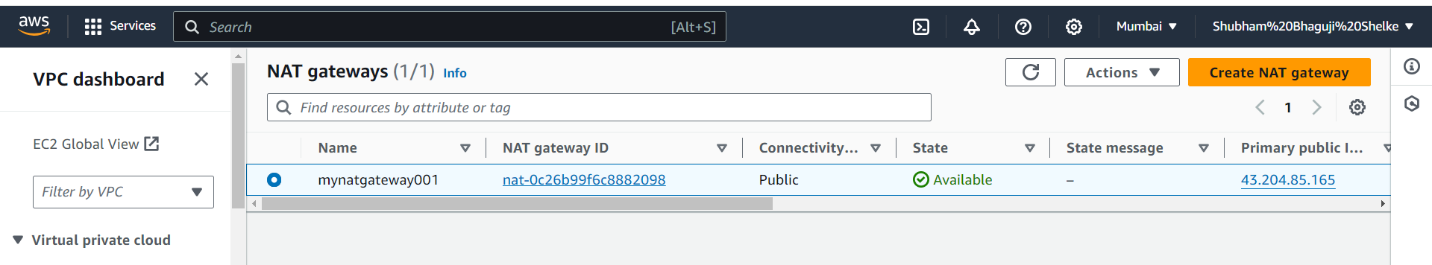


Public route table and update add route (0.0.0.0/0) in internet gateway

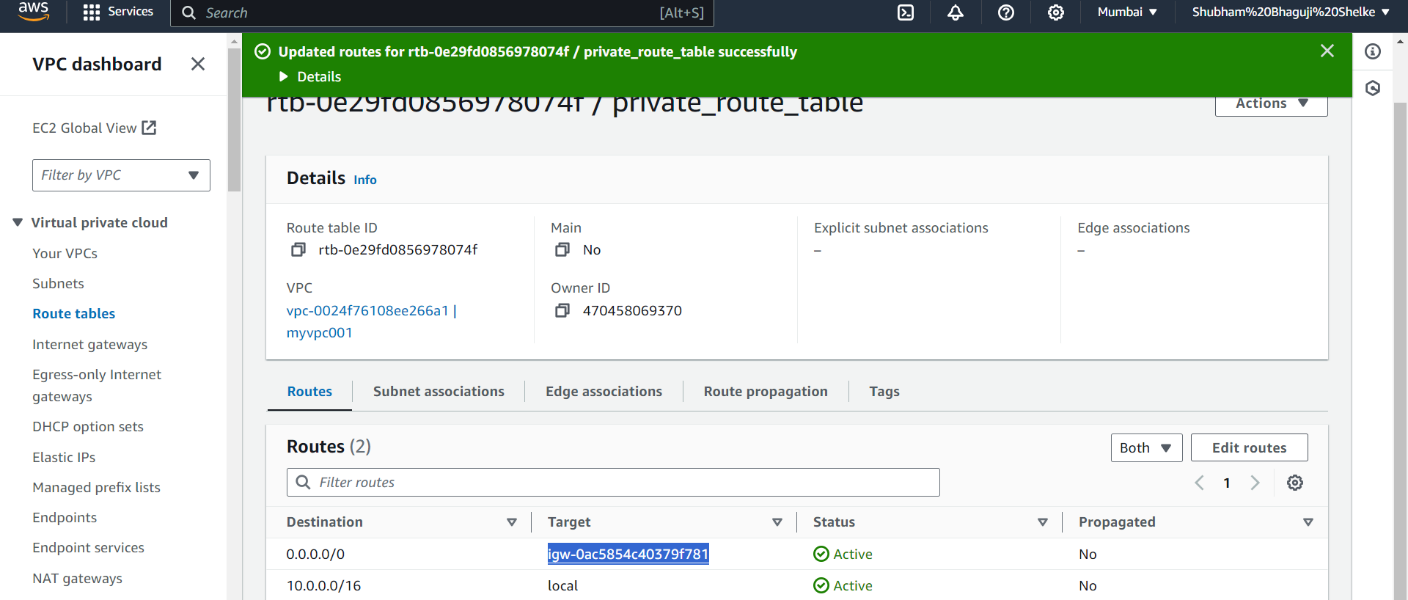


Create NAT (Network Access Translation) in Public Subnet with allocate EIP

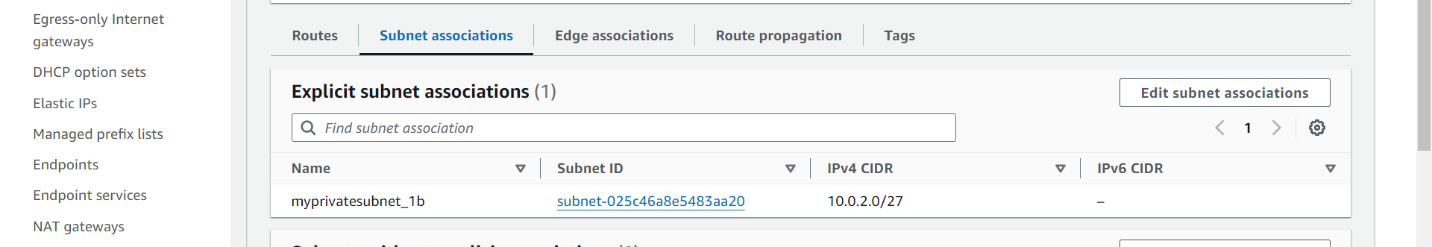
k



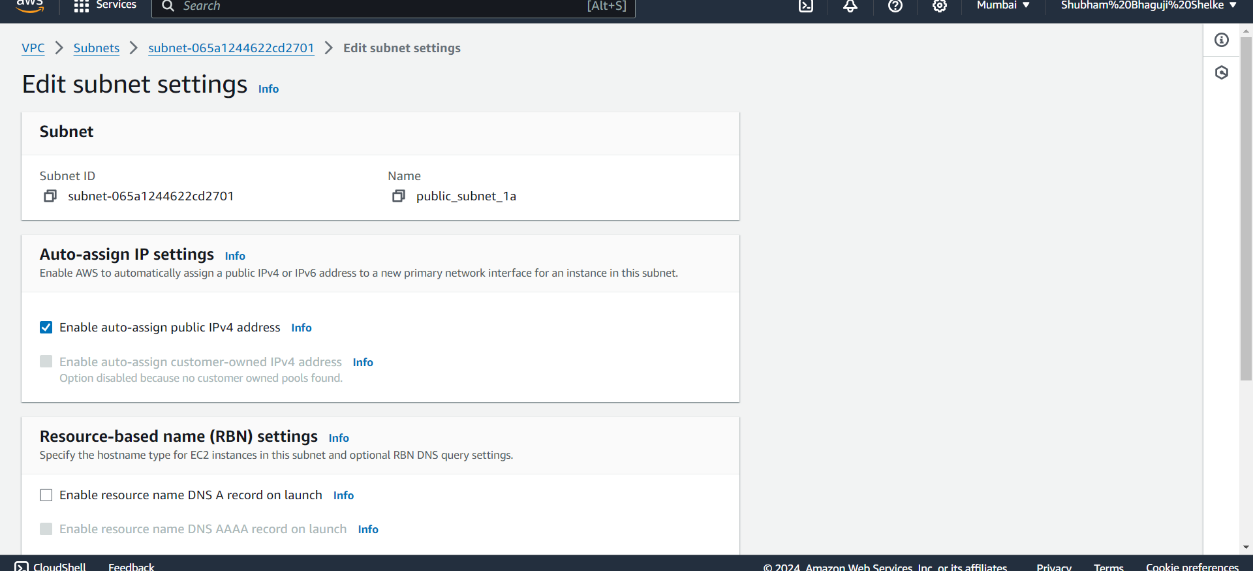
Private route table and update add route (0.0.0.0/0) in internet gateway



Private subnet association

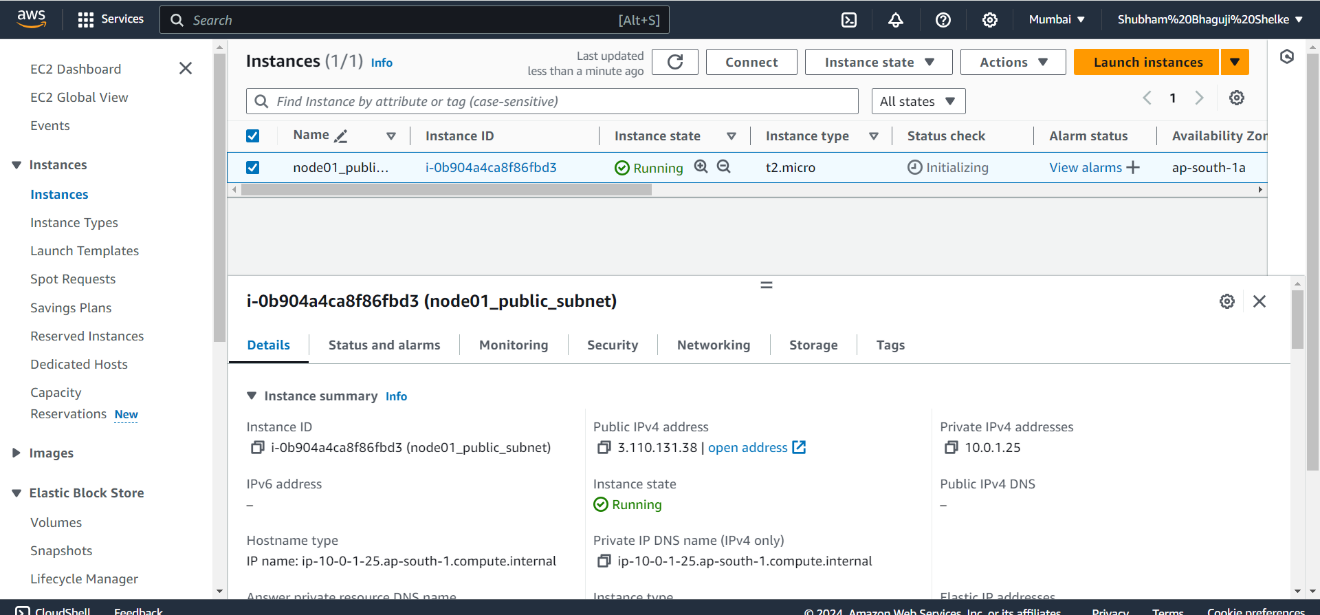


Subnet are Private to Public

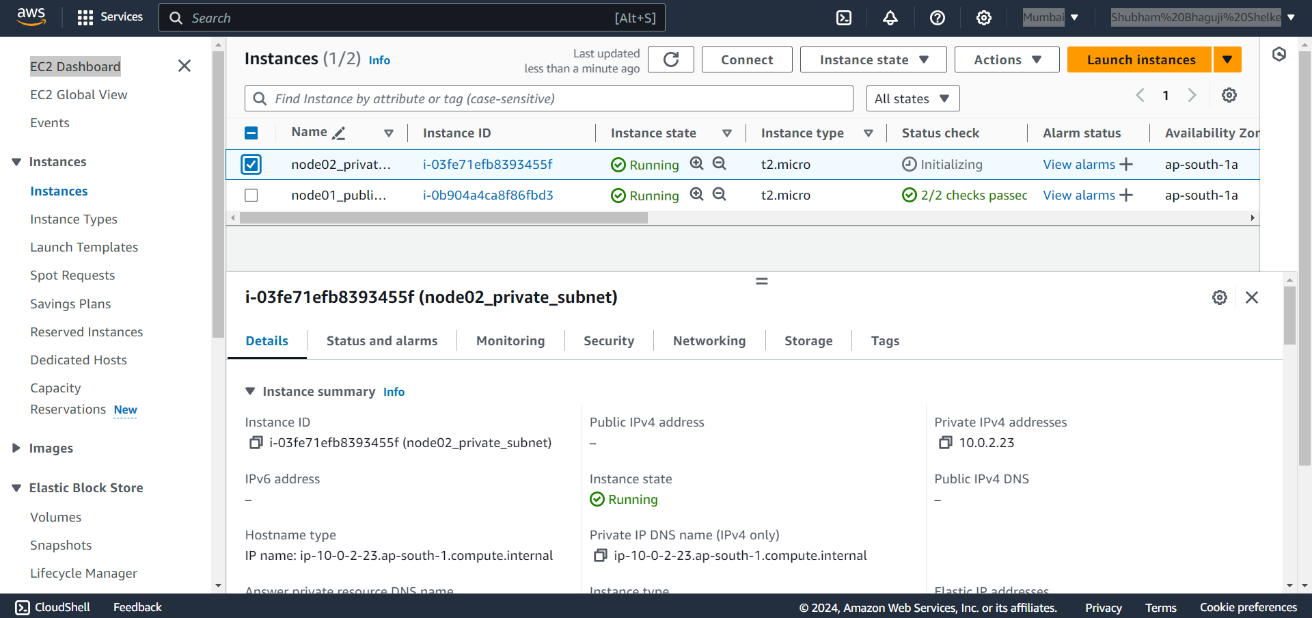


Check this Public Subnet in – Public or Private IP & Check this Private Subnet in – Private IP

1. Create ec2 instance in (node01\_public\_subnet) in 1a



1. Create ec2 instance in (node02\_private\_subnet)



Check internet connectivity in public subnet

Check for private subnet in private IP