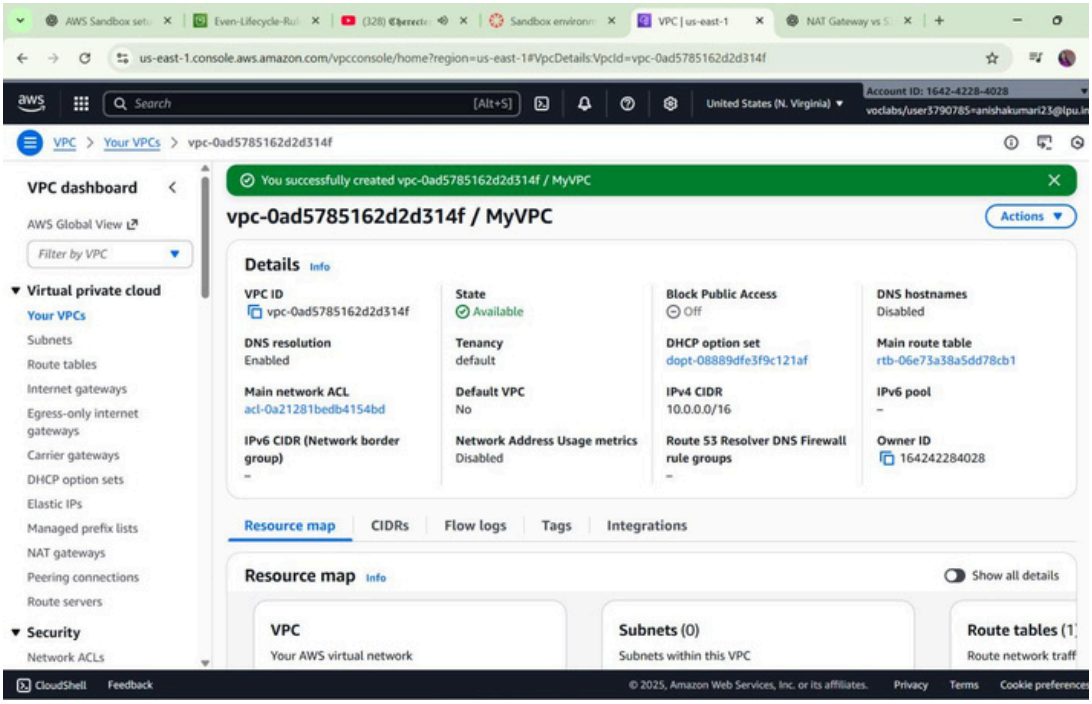
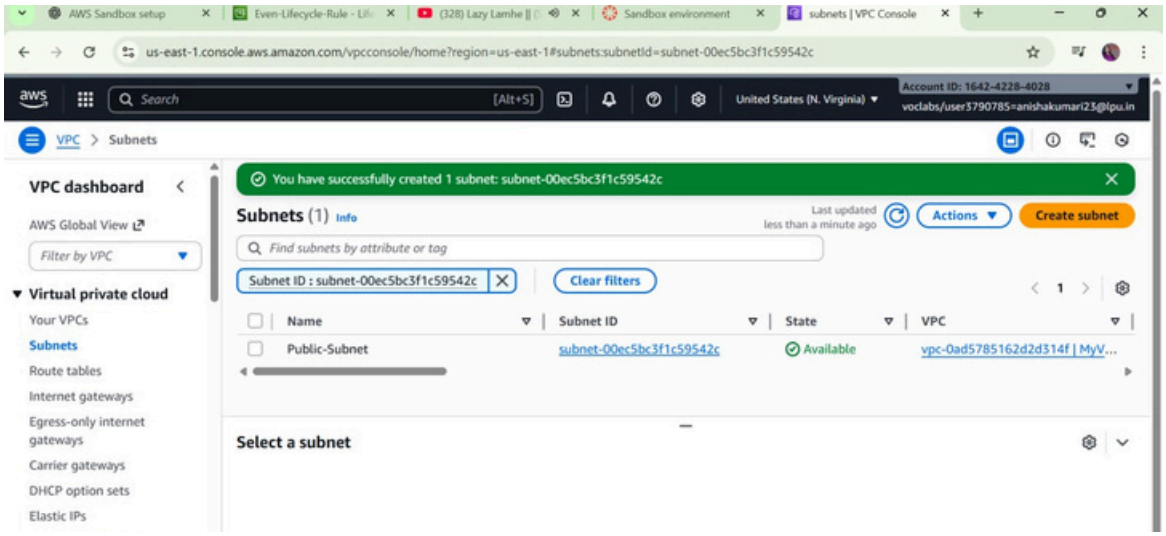
AWS VPC Networking (Public & Private Subnets, NAT Gateway) + S3 Lifecycle Rules

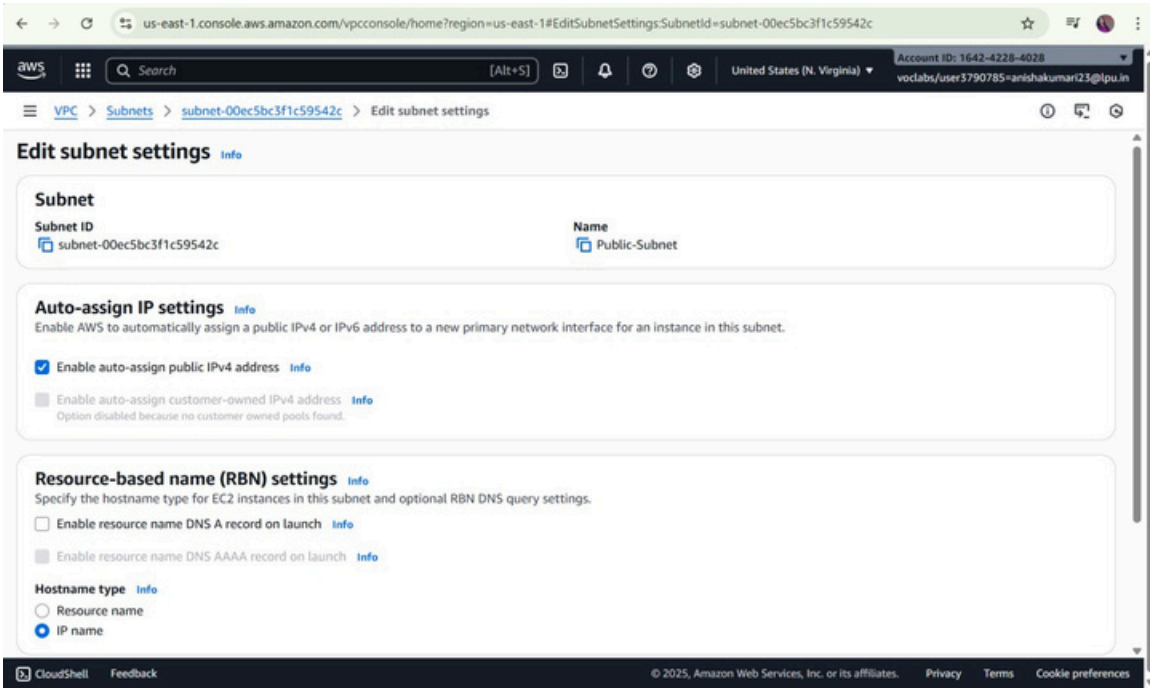
Step 1 : Created VPC

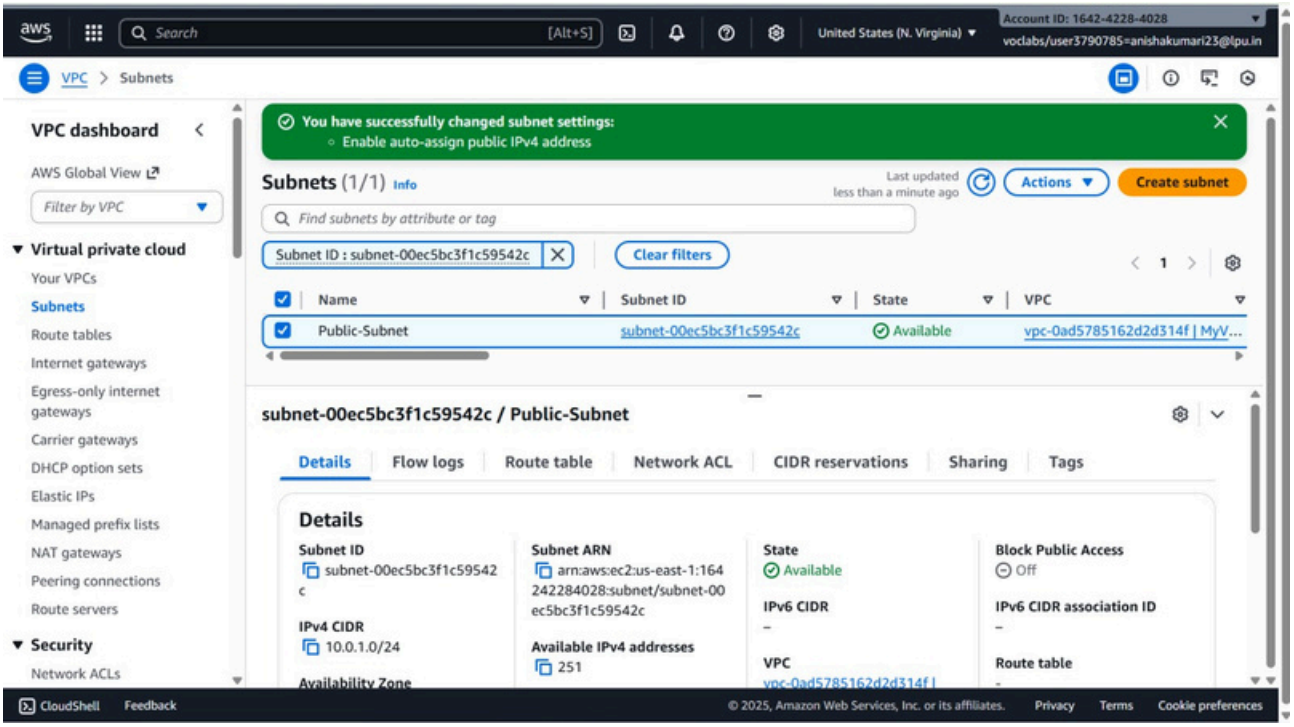


Step 2: Created subnets

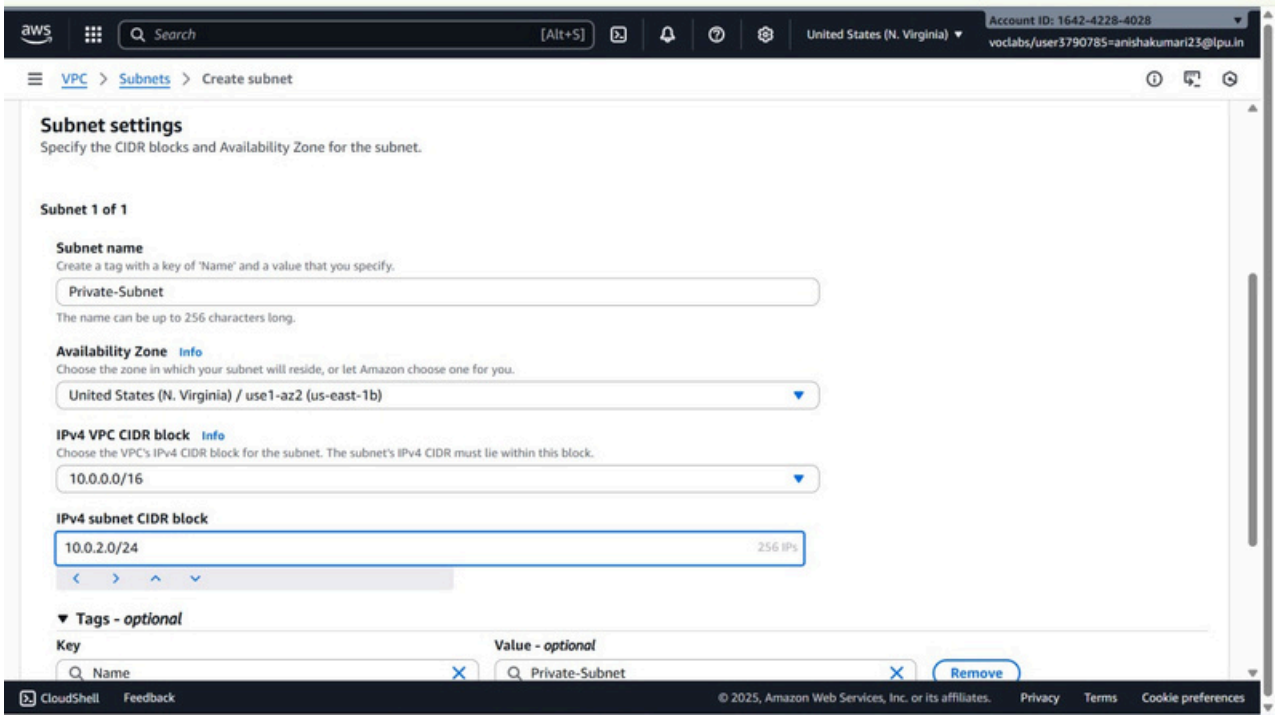


Step 3: Turn ON auto-assign public IP

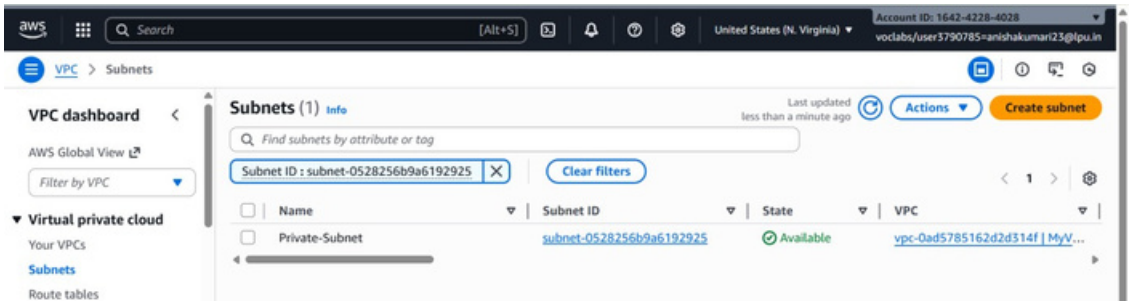




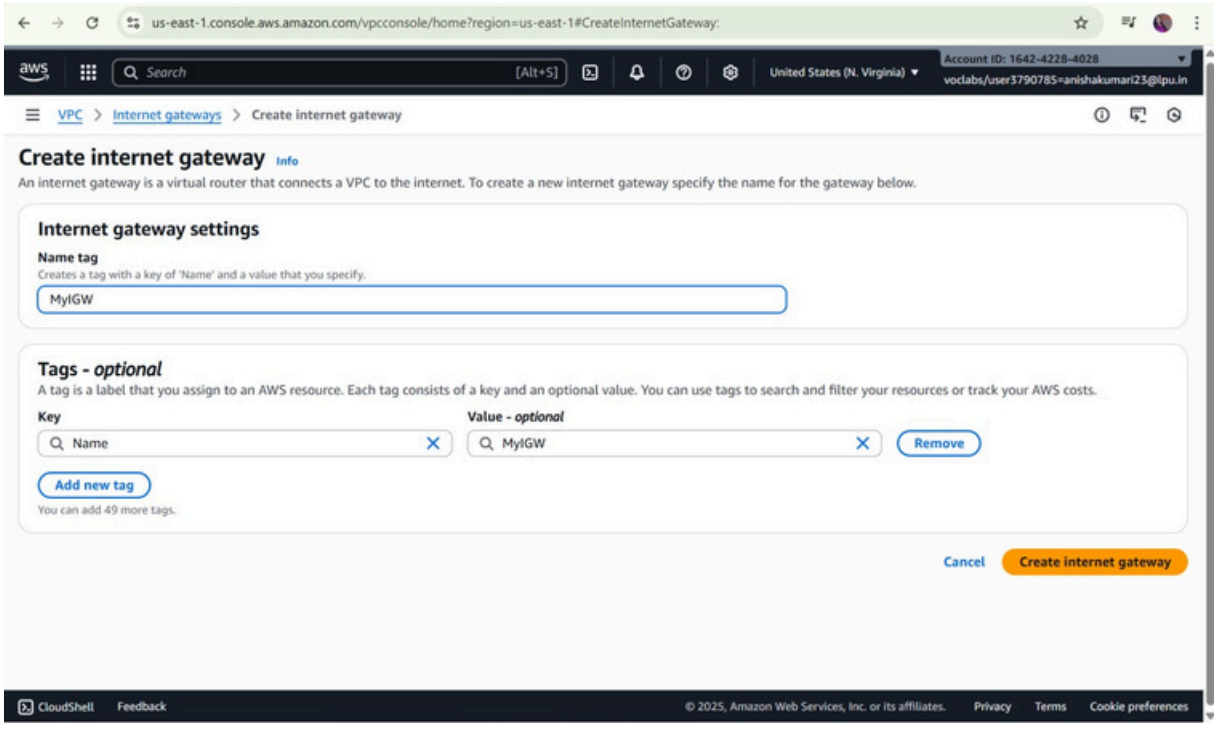
Step 4: Creating private subnets for the same vpc



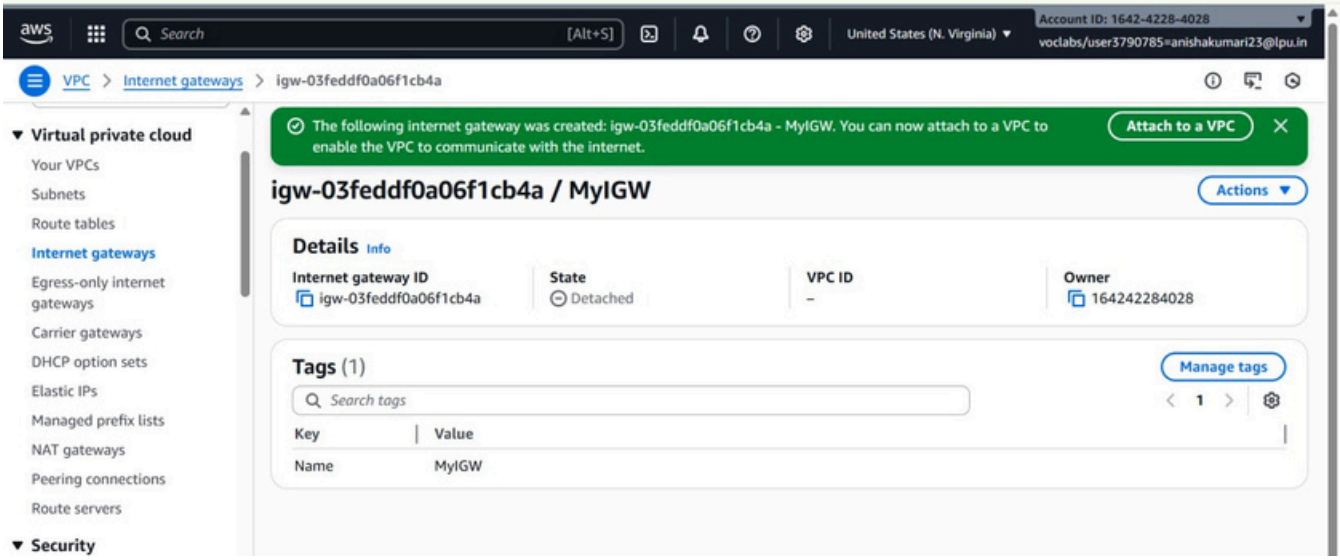
Step 5:Final Created



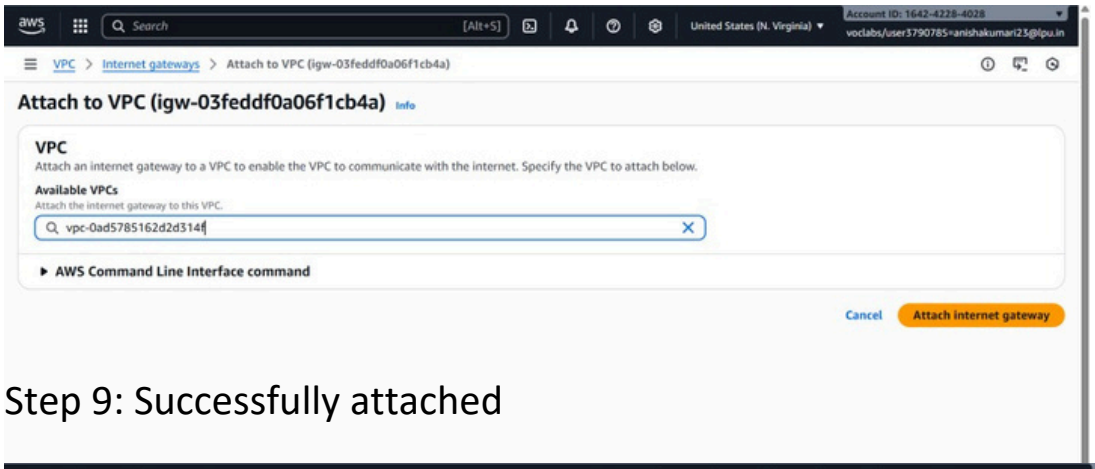
Step 6:Create Internet Gateway (for Public Subnet)



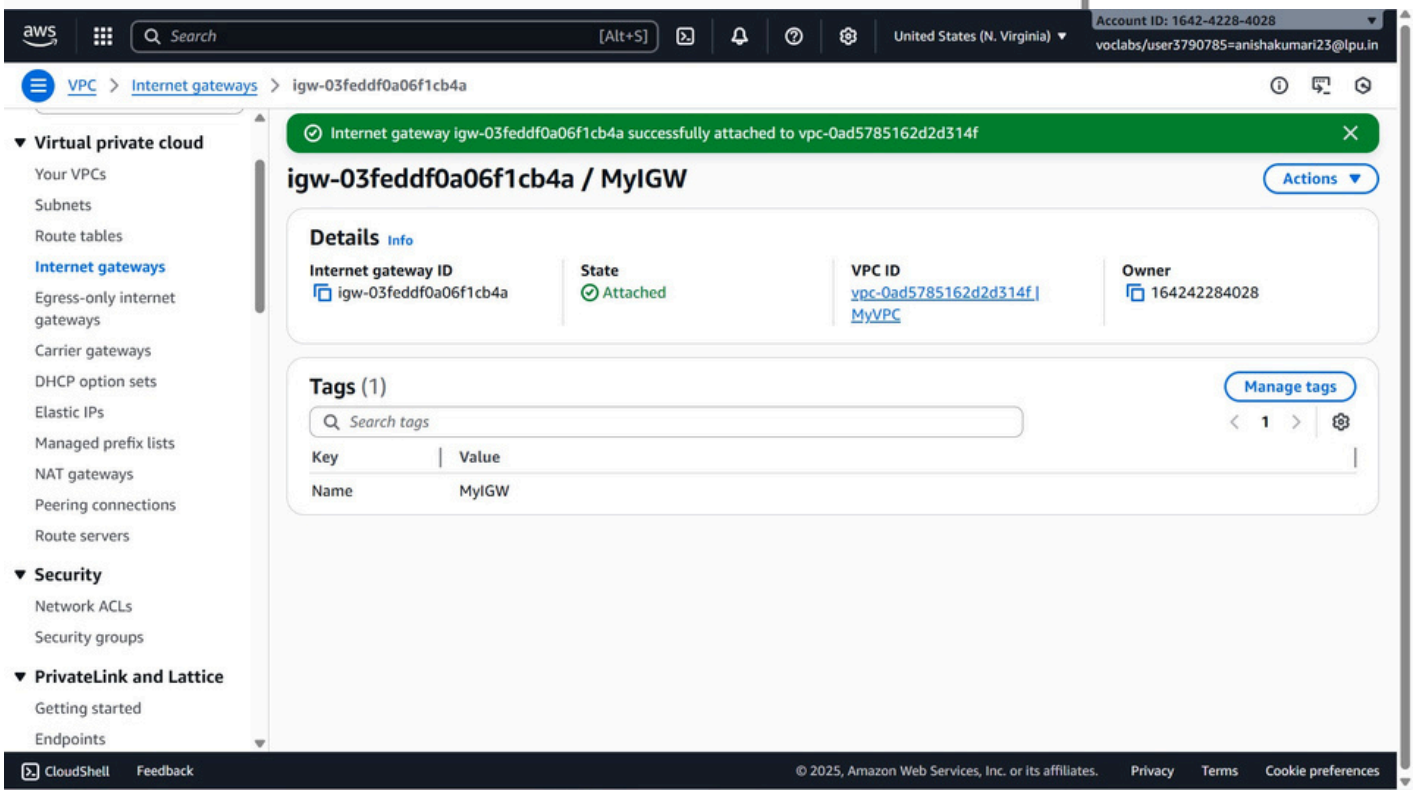
Step 7: Created



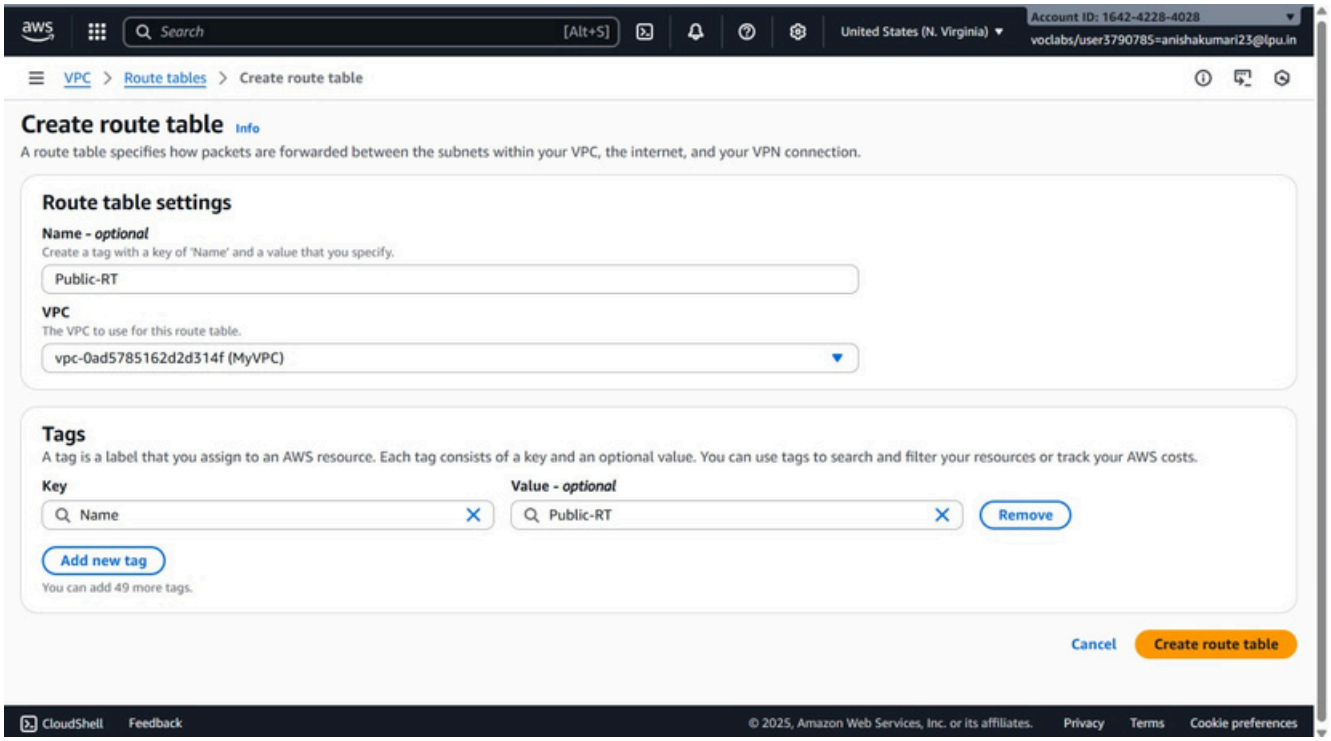
Step 8 : Now attaching Internet Gateway to VPC



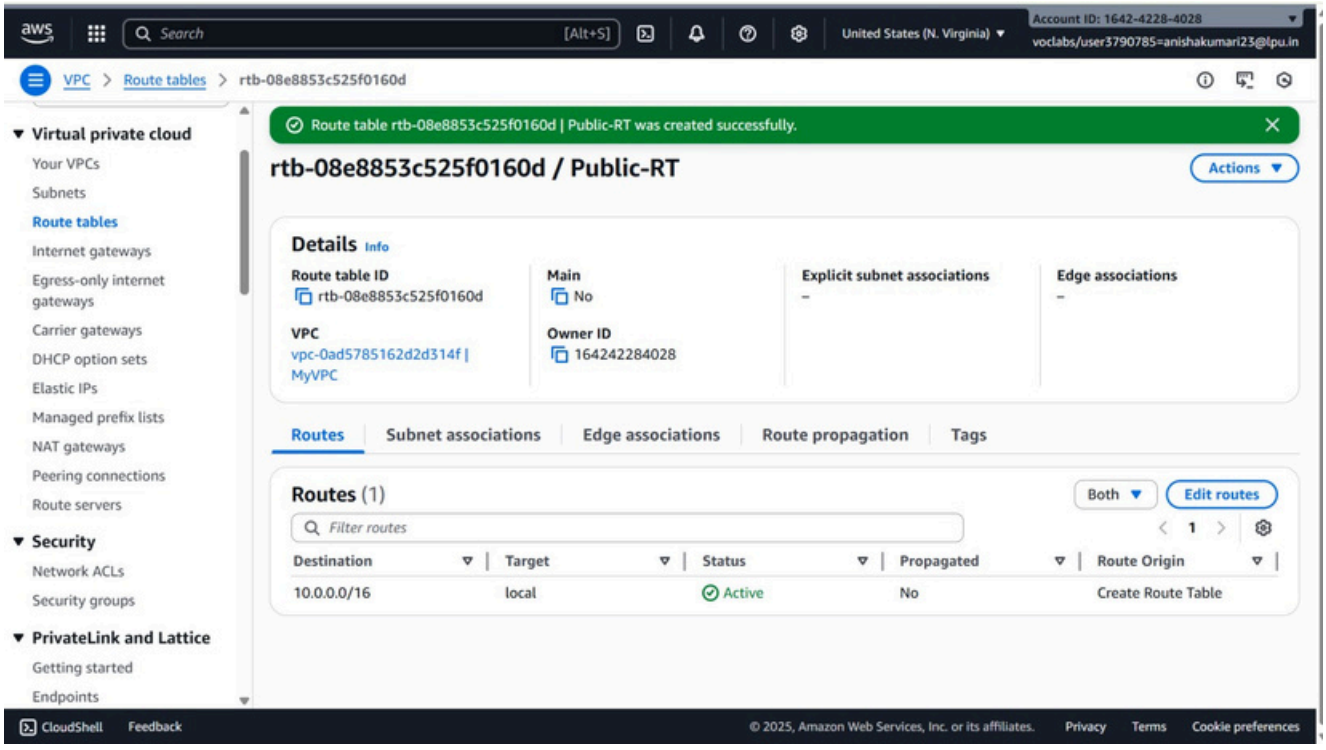
Step 9: Successfully attached



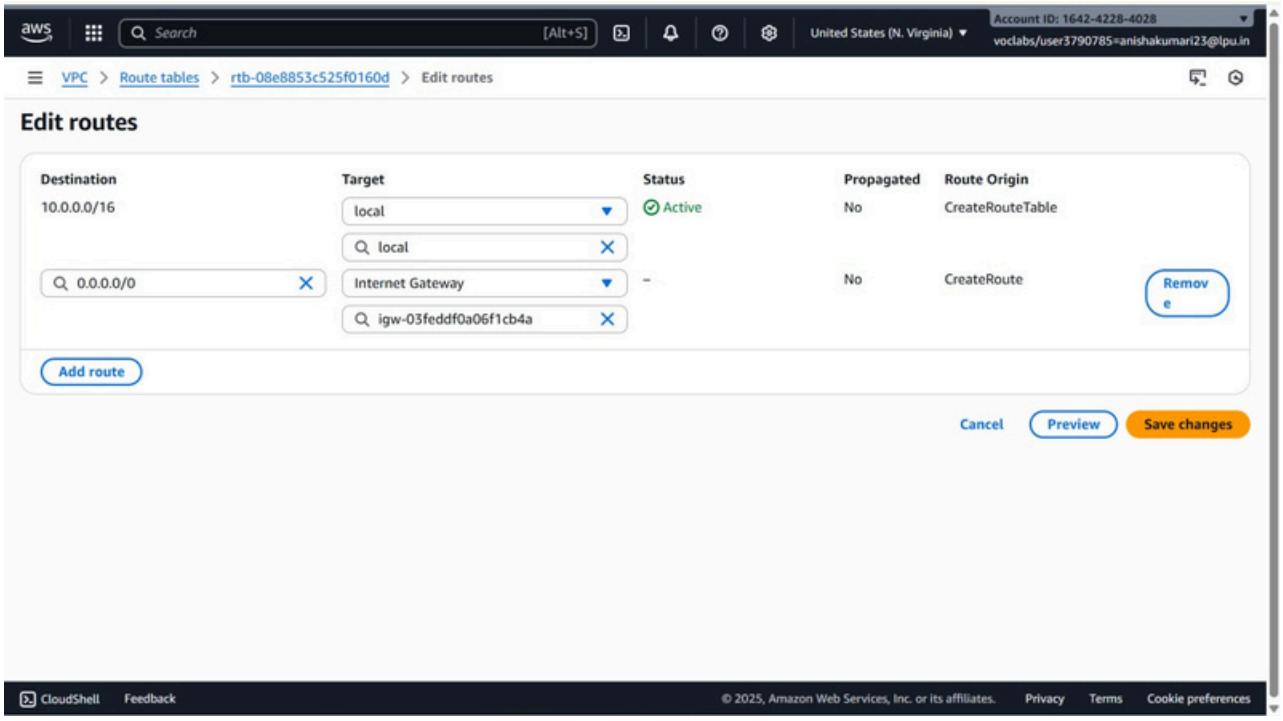
Step 10:Creating Route Table for Public Subnet



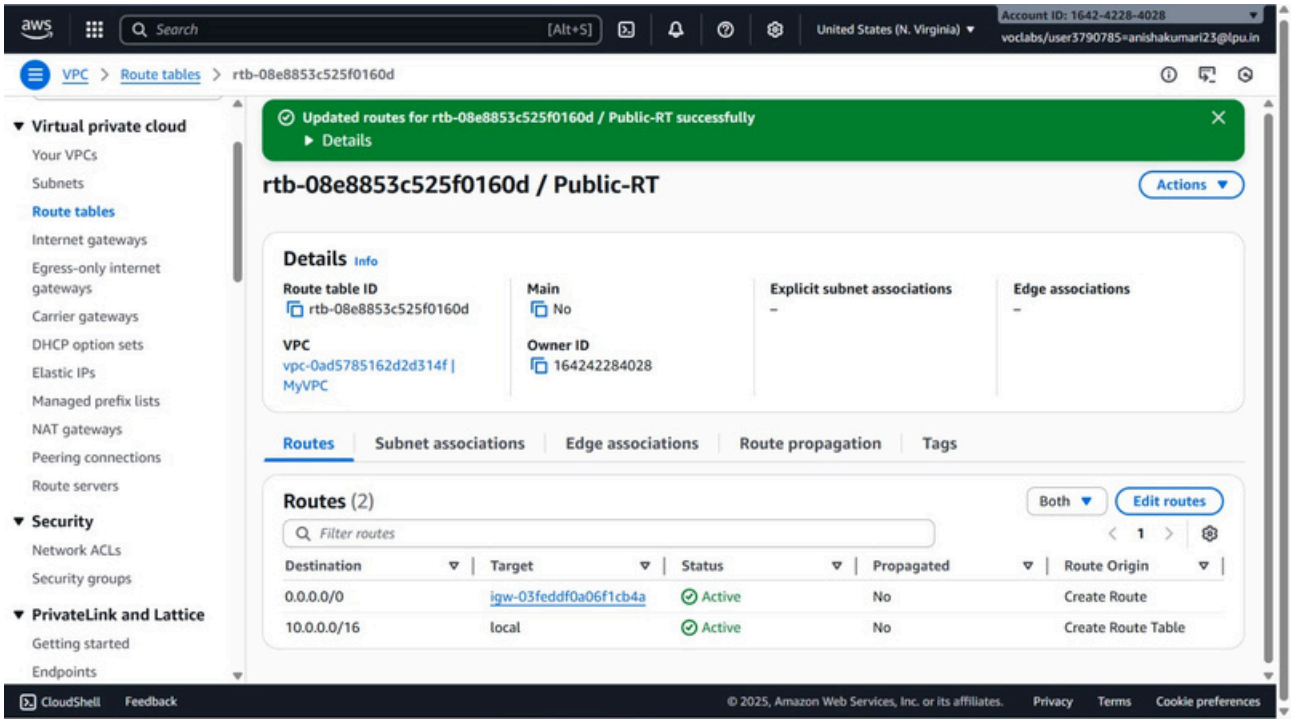
Step 11:Created Route table



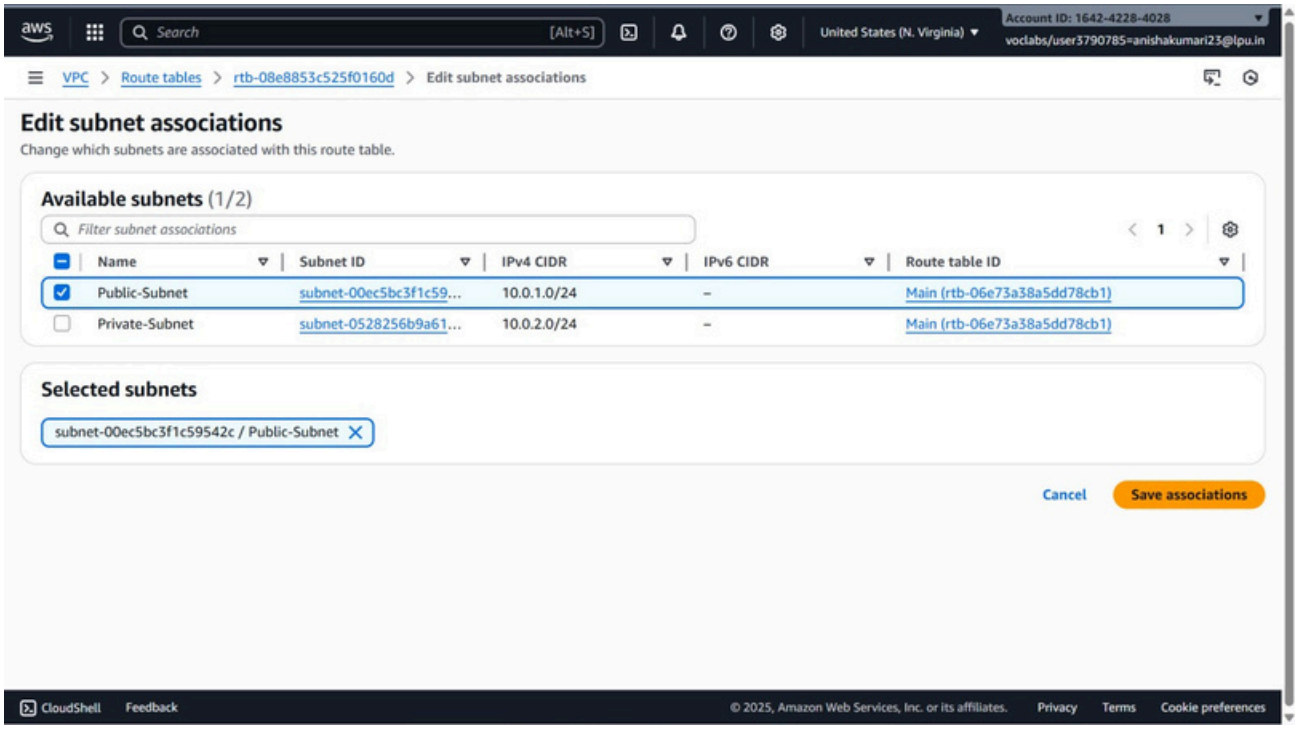
Step 12:Adding Internet Route:



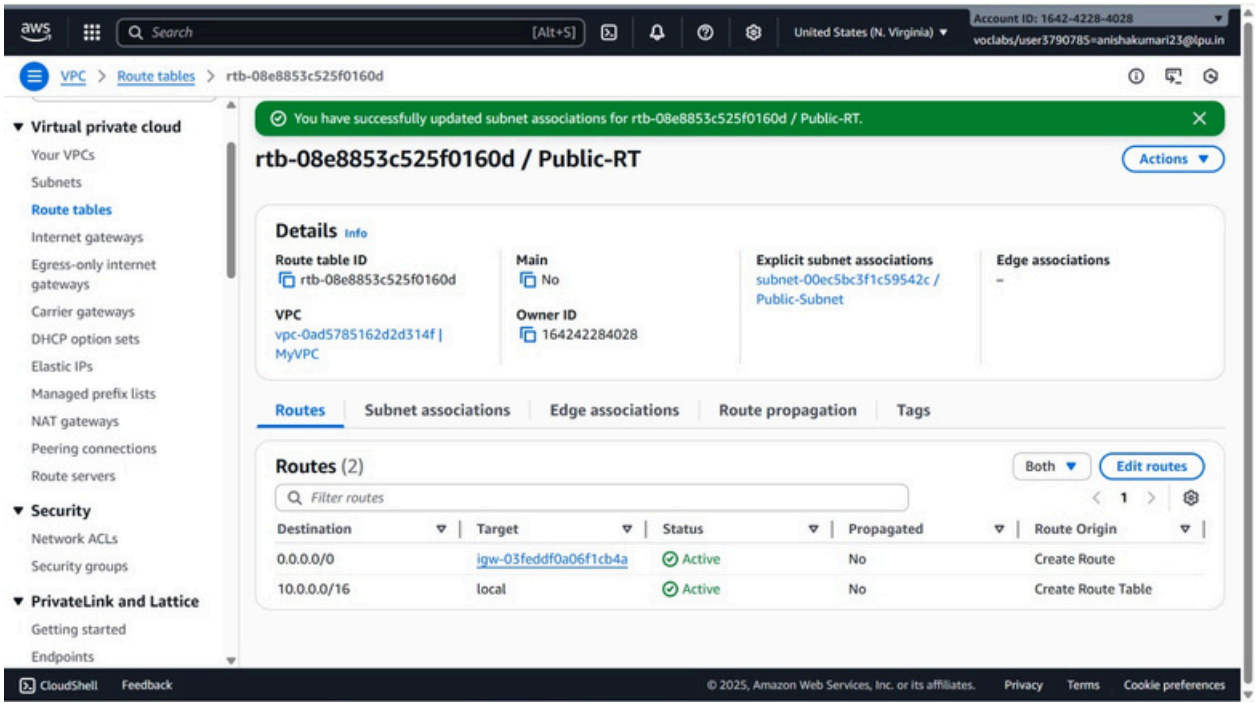
- Added Successfully:



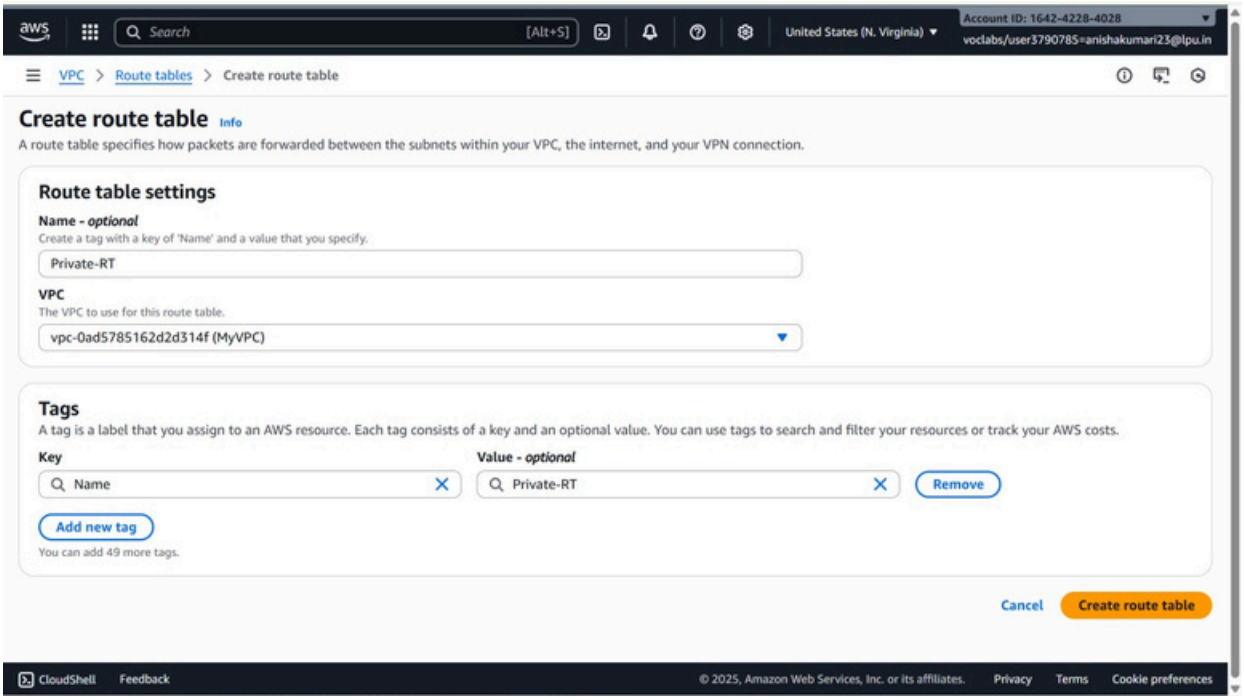
Step 13: Associating with Public Subnet:



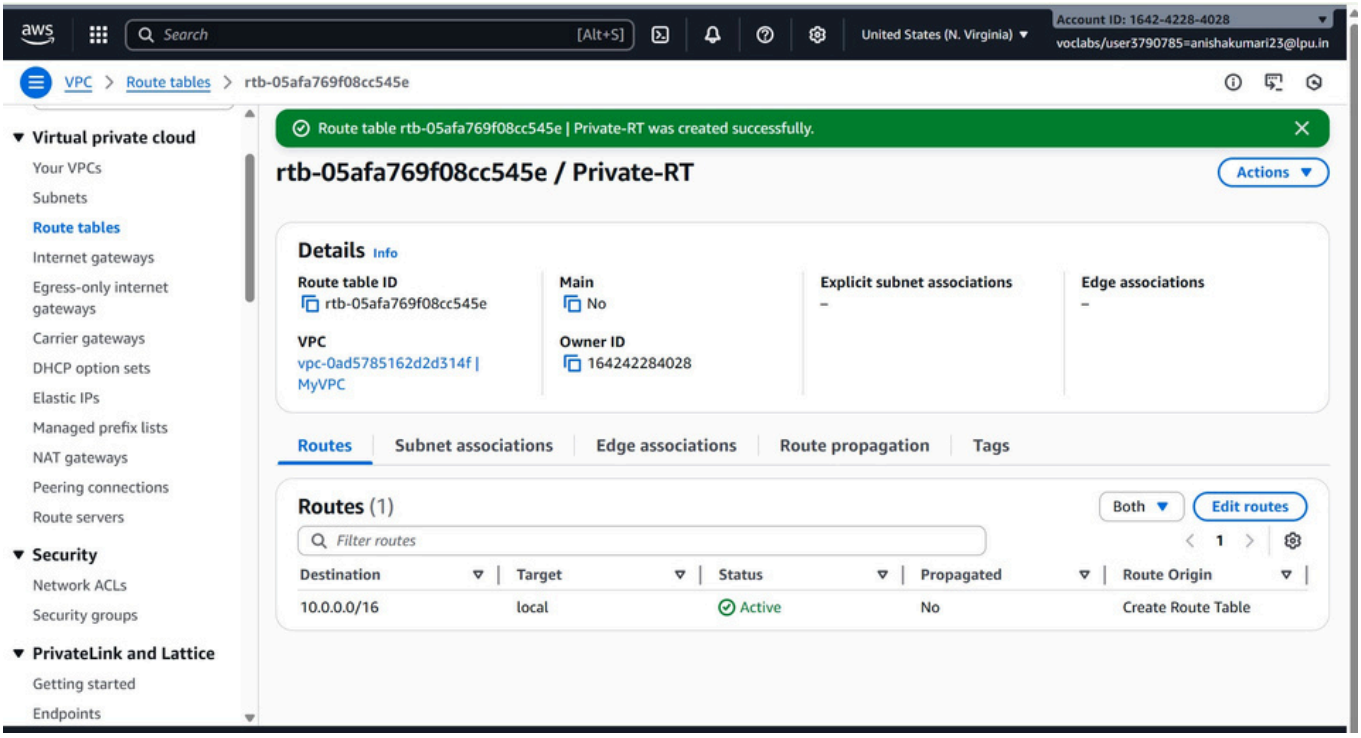
- Finally Associated



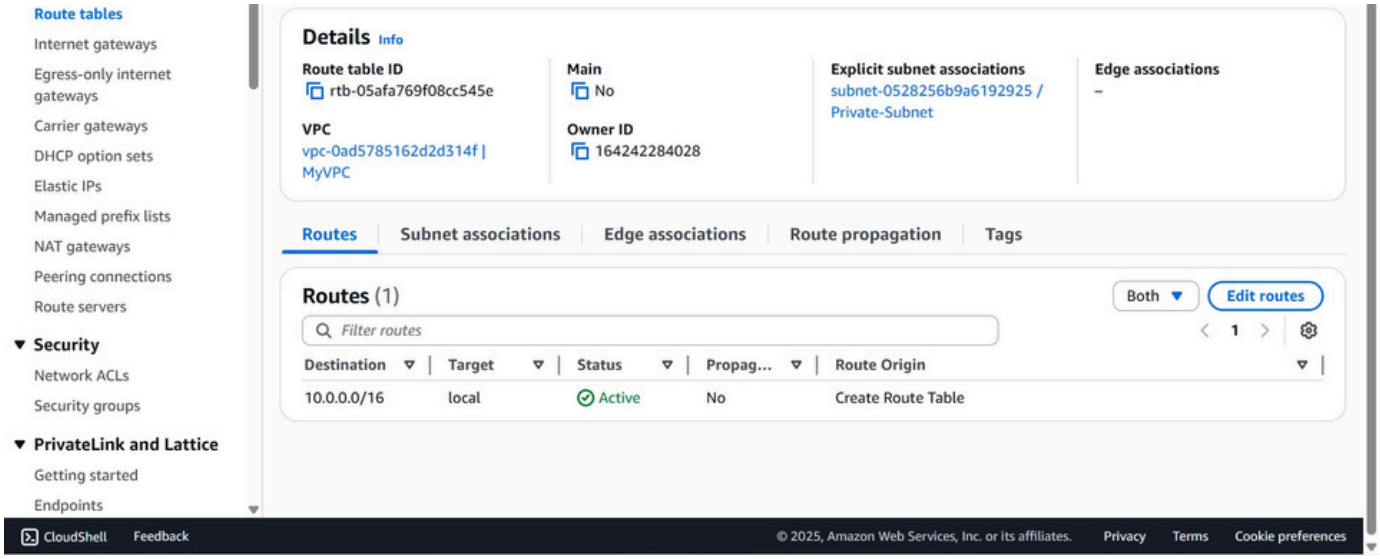
Step 14: Creating Route Table for Private Subnet

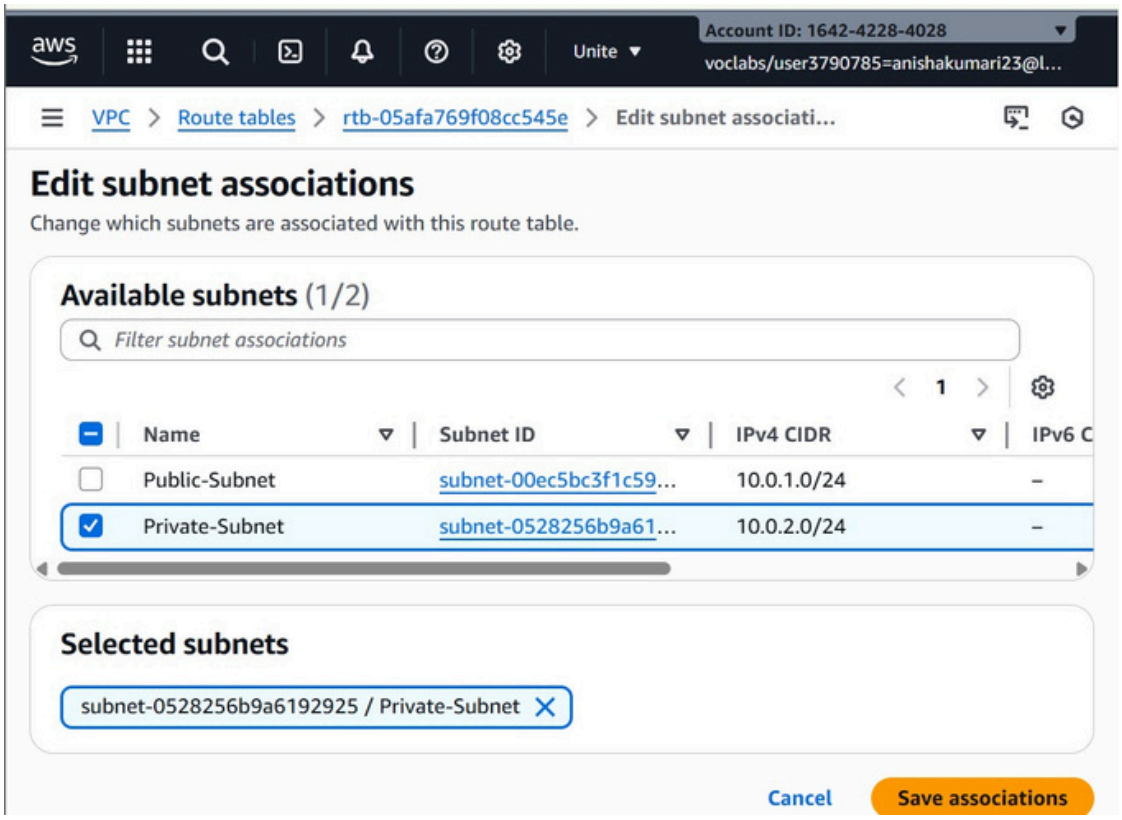


Created

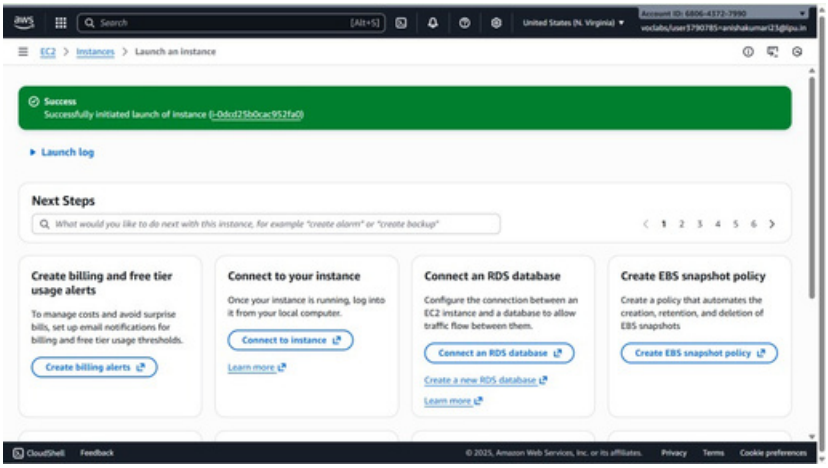


Step 15: Editing subnet Association

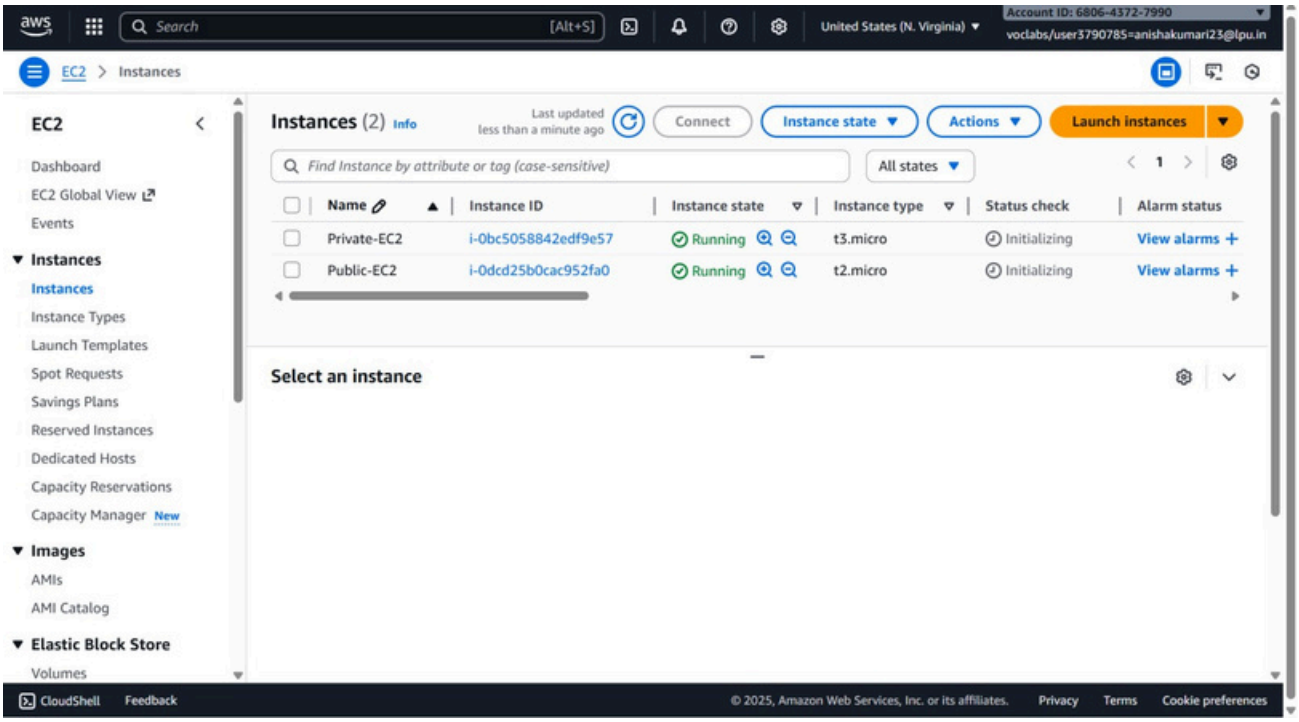




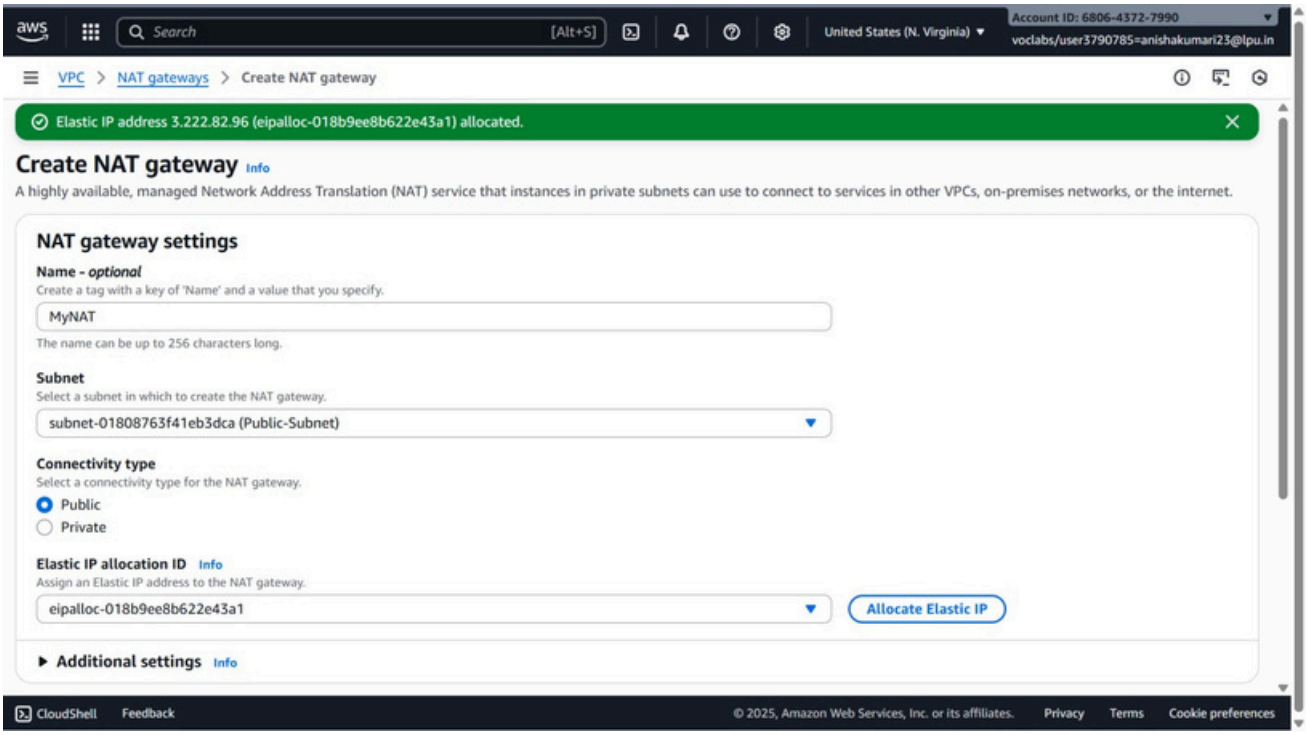
Step 16:Launch EC2 Public and Private Subnets



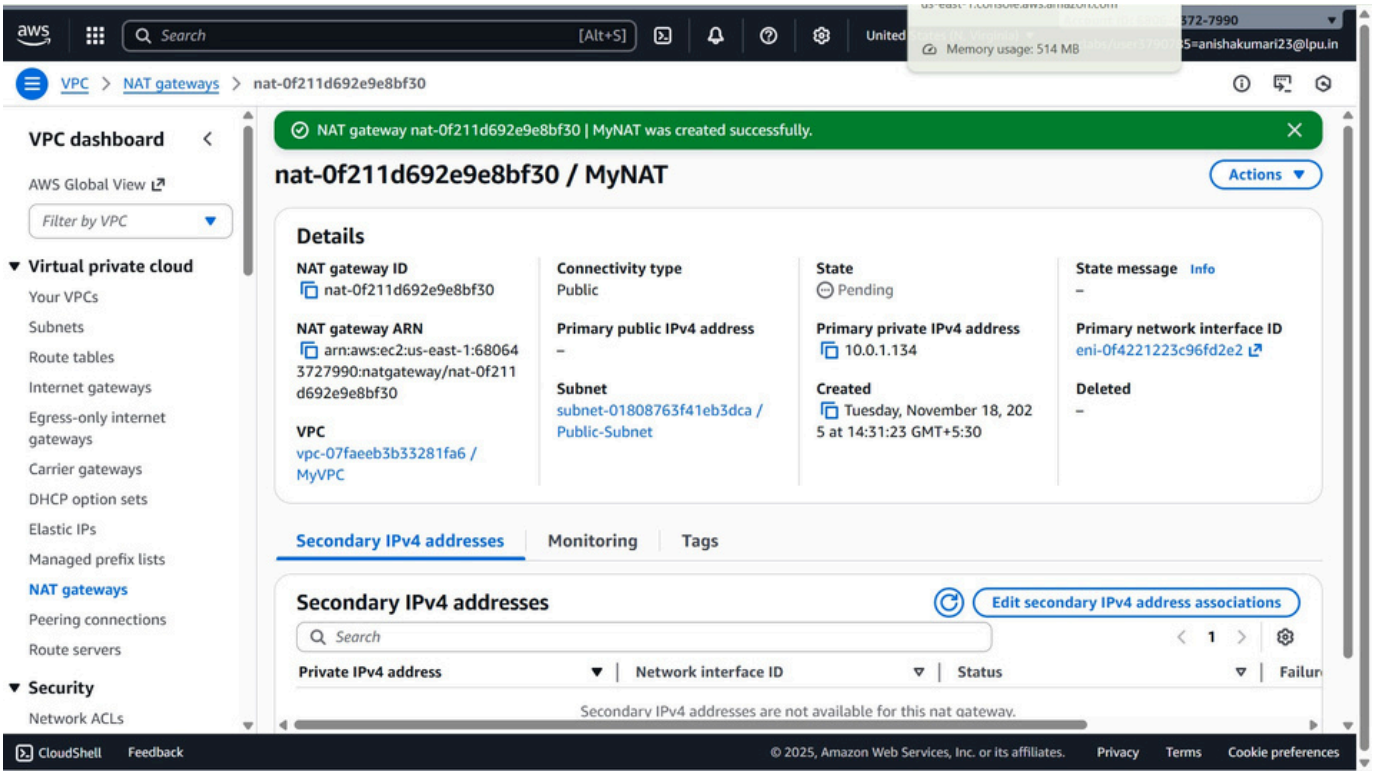
Showing both subnets



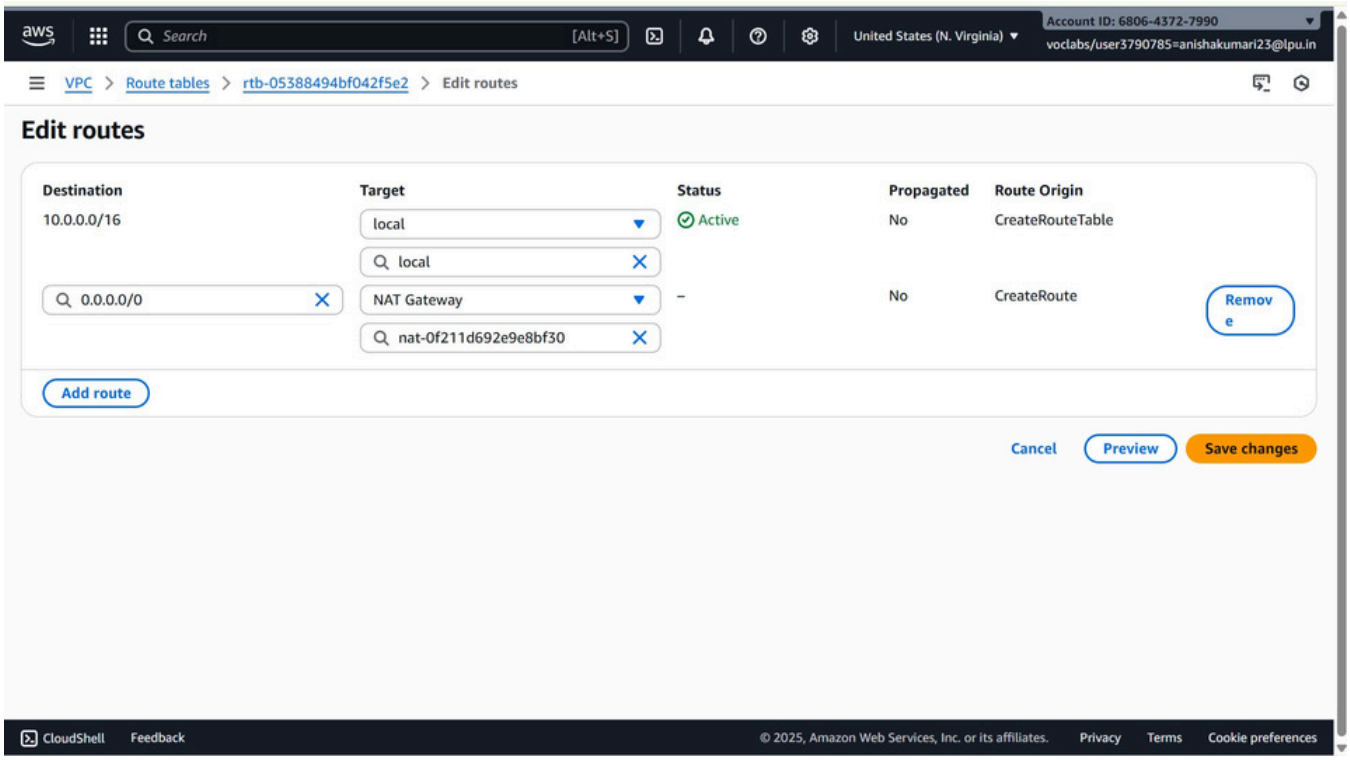
Step 18: Creating NAT Gateway (for private EC2 internet)



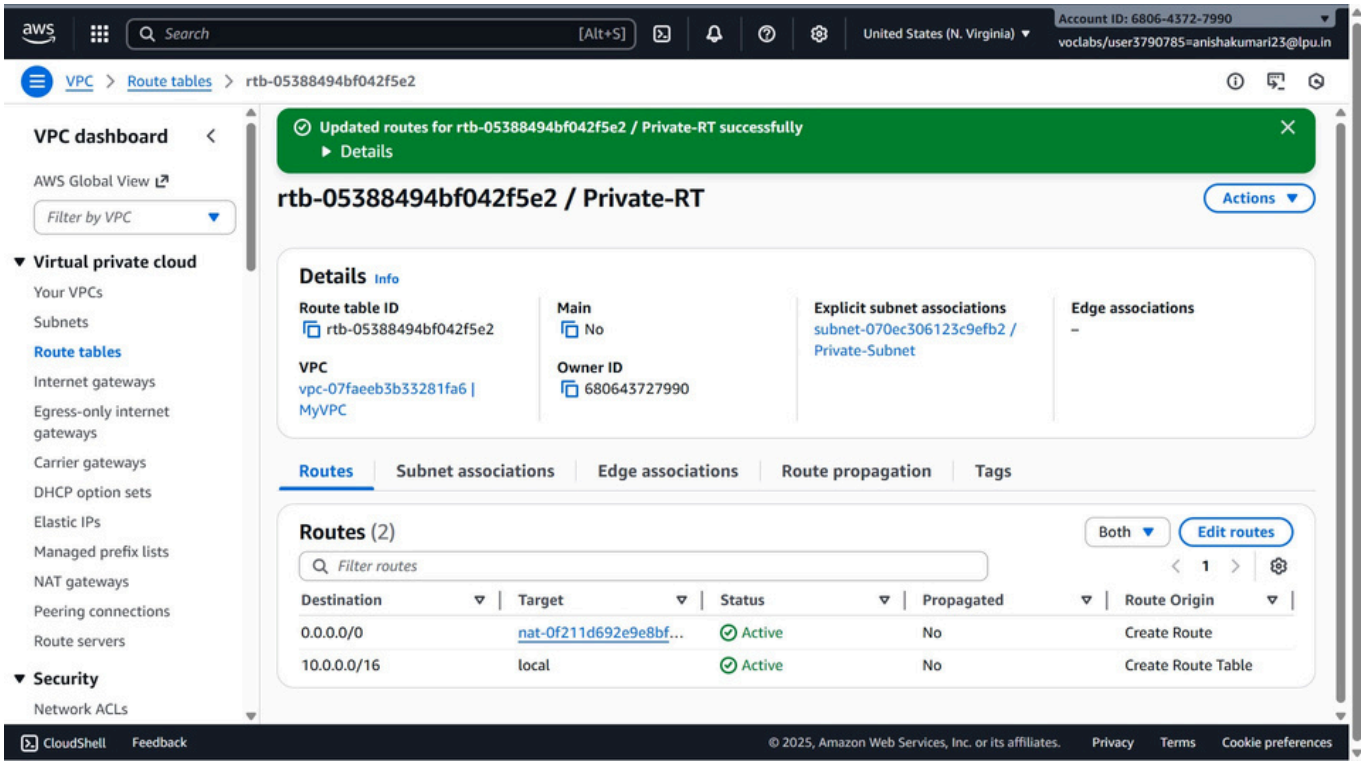
- Created:



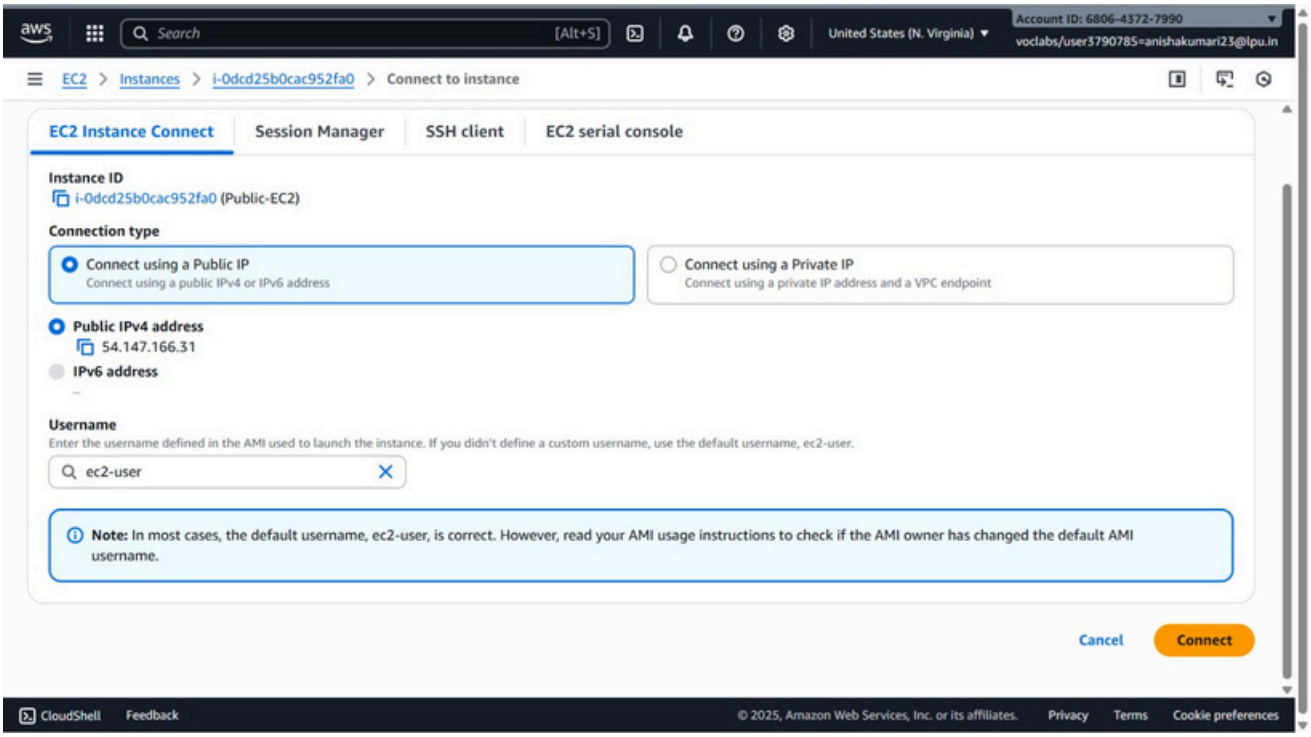
Step 19 :Adding Route in Private Route Table



- Finally Added:



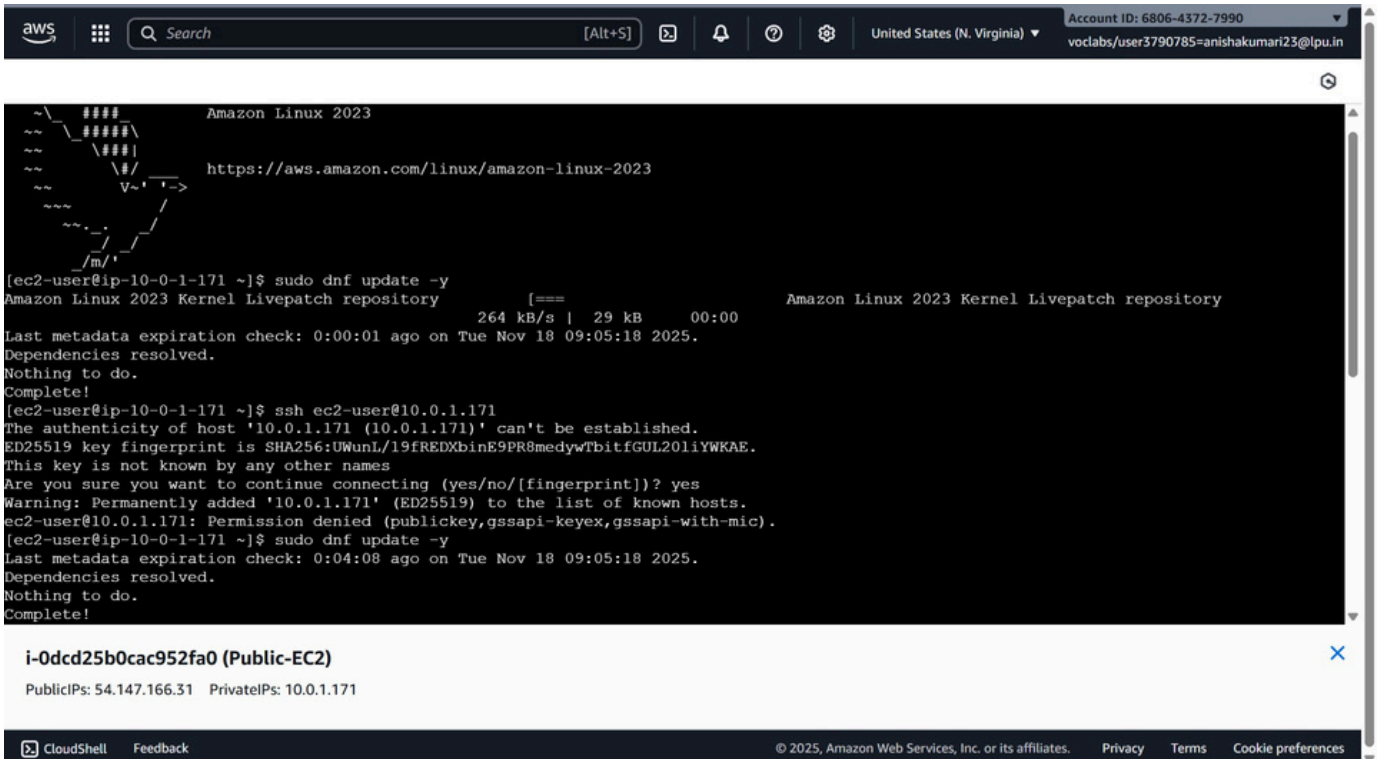
Step 20: Testing INTERNET From PRIVATE EC2



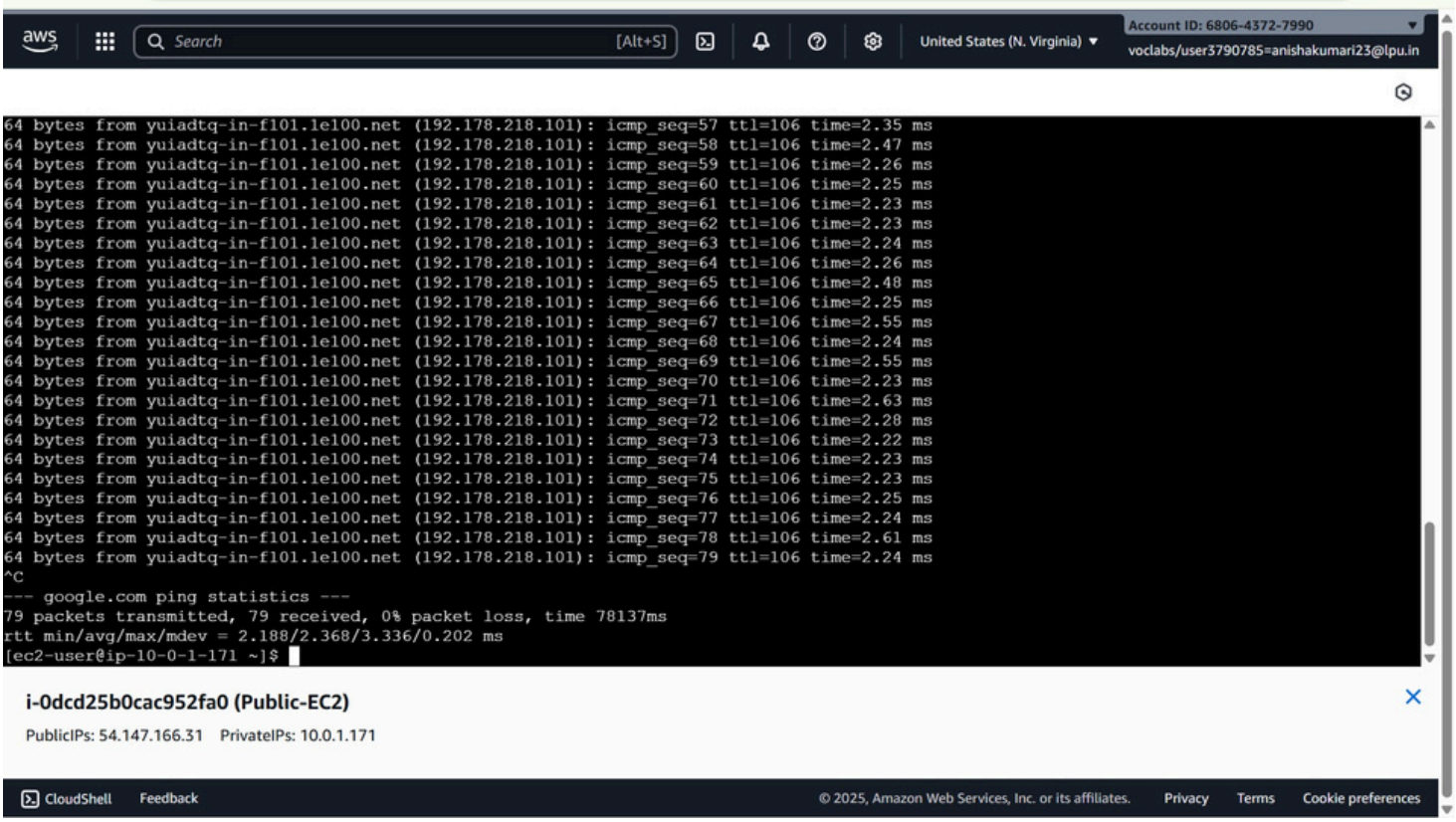
Step 21: After typing the command

Sudo dnf update -y

Output is :

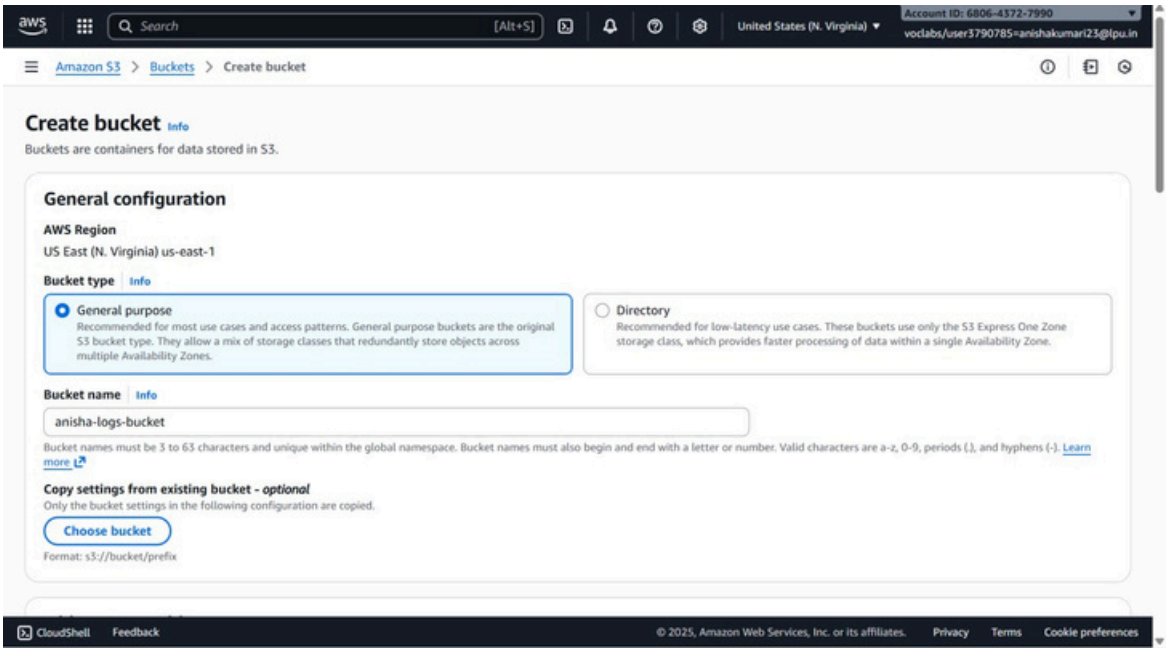


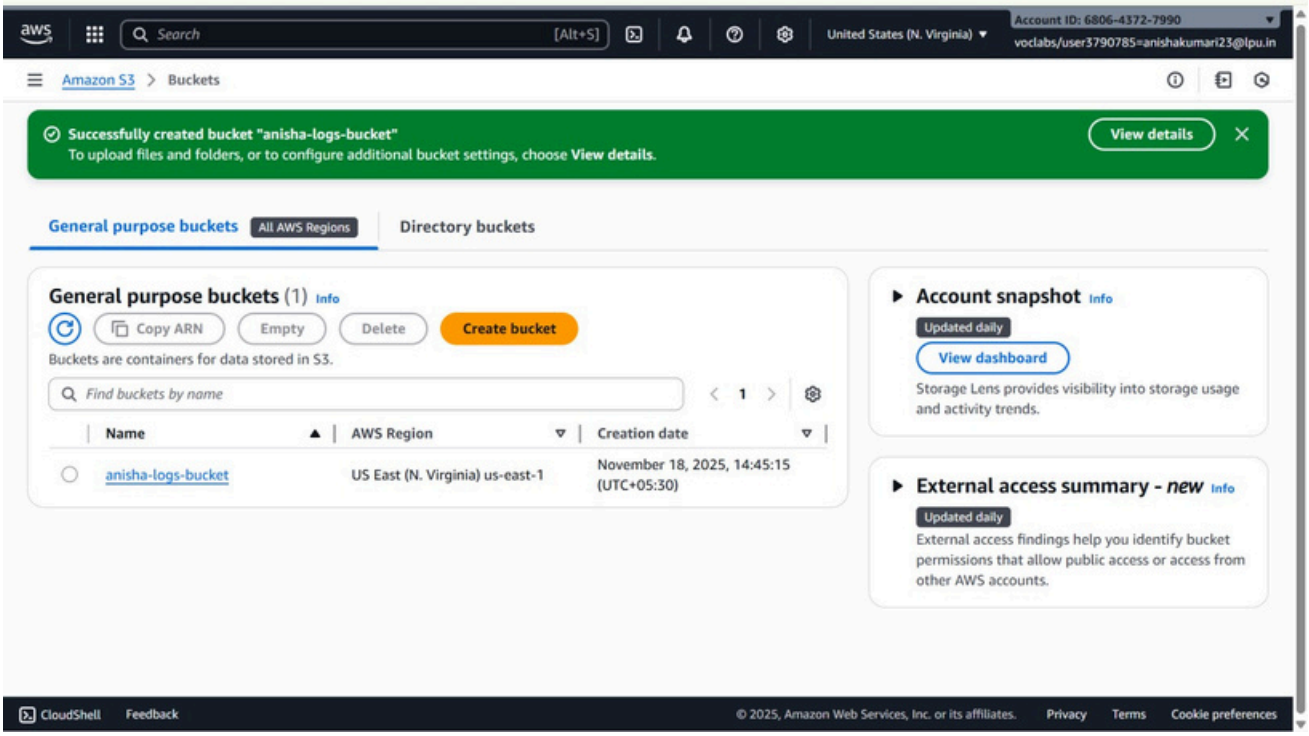
After checking with the another command ping google.com



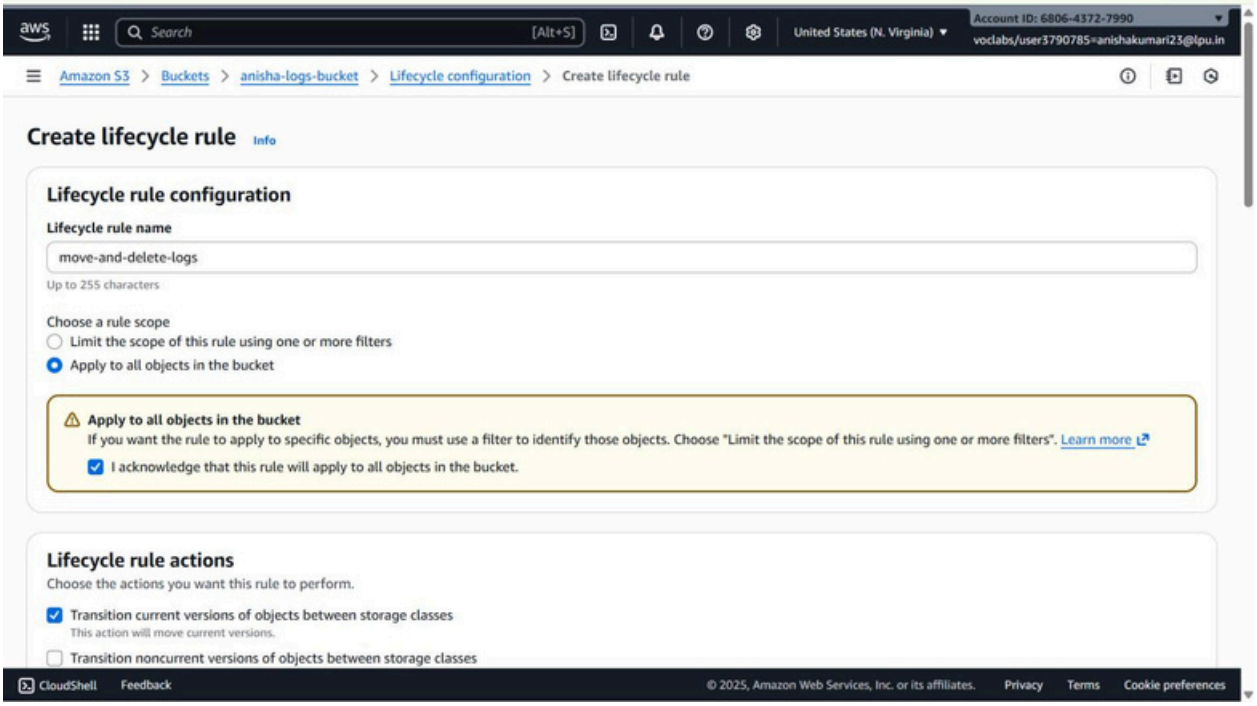
S3 Lifecycle Rules

Step 1: Creating S3 Bucket





Step 2: Creating rule

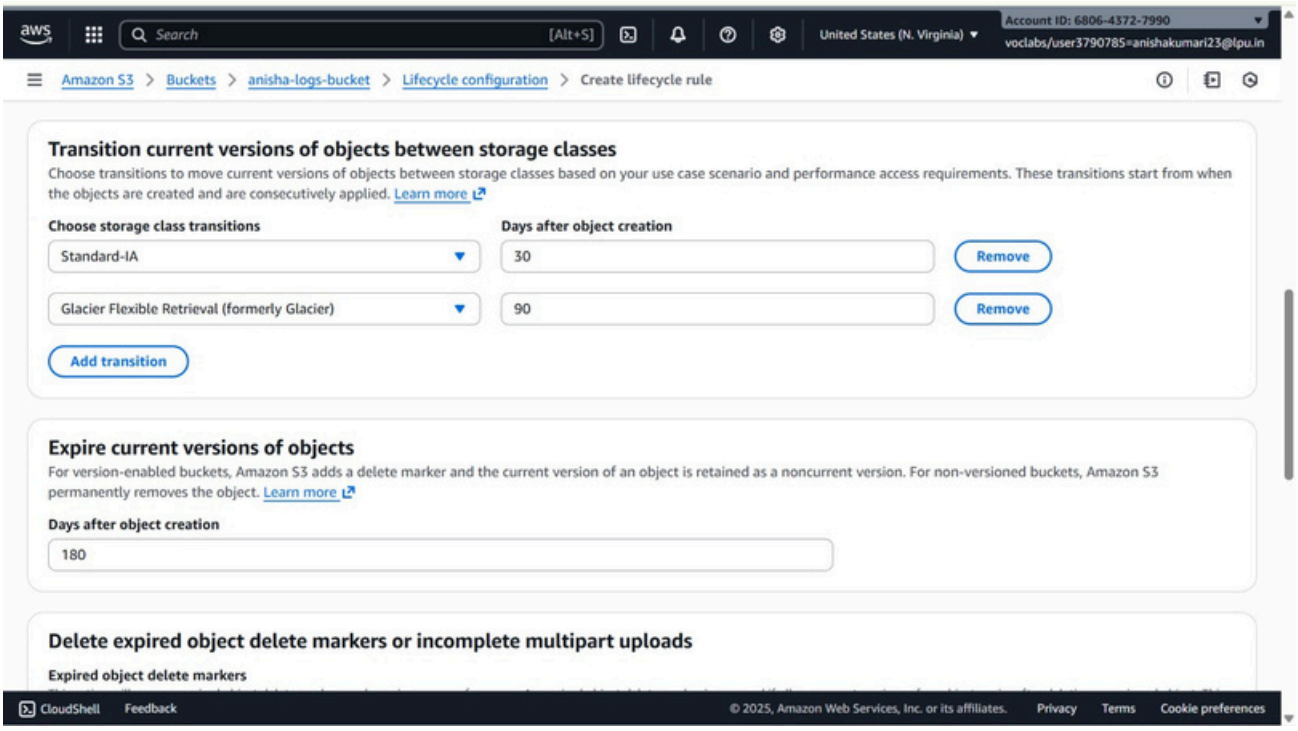


Creation of Transition

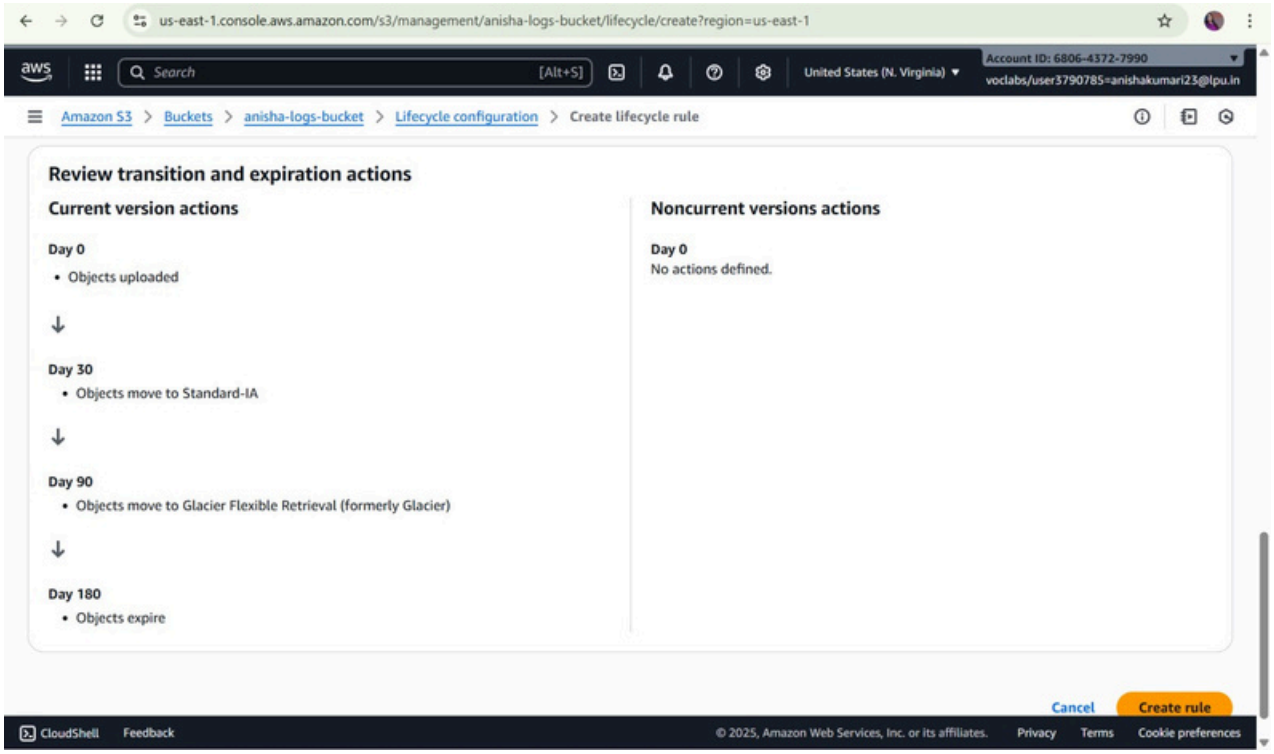
o Transition 1 — Move to S3 Standard-IA (after 30 days)

o Transition 2 — Move to Glacier (after 90 days)

o Add Expiration Rule (Delete after 180 days)



Step : Final Output



Your Lifecycle Rule Is Now Configured!

After few steps rule is created :