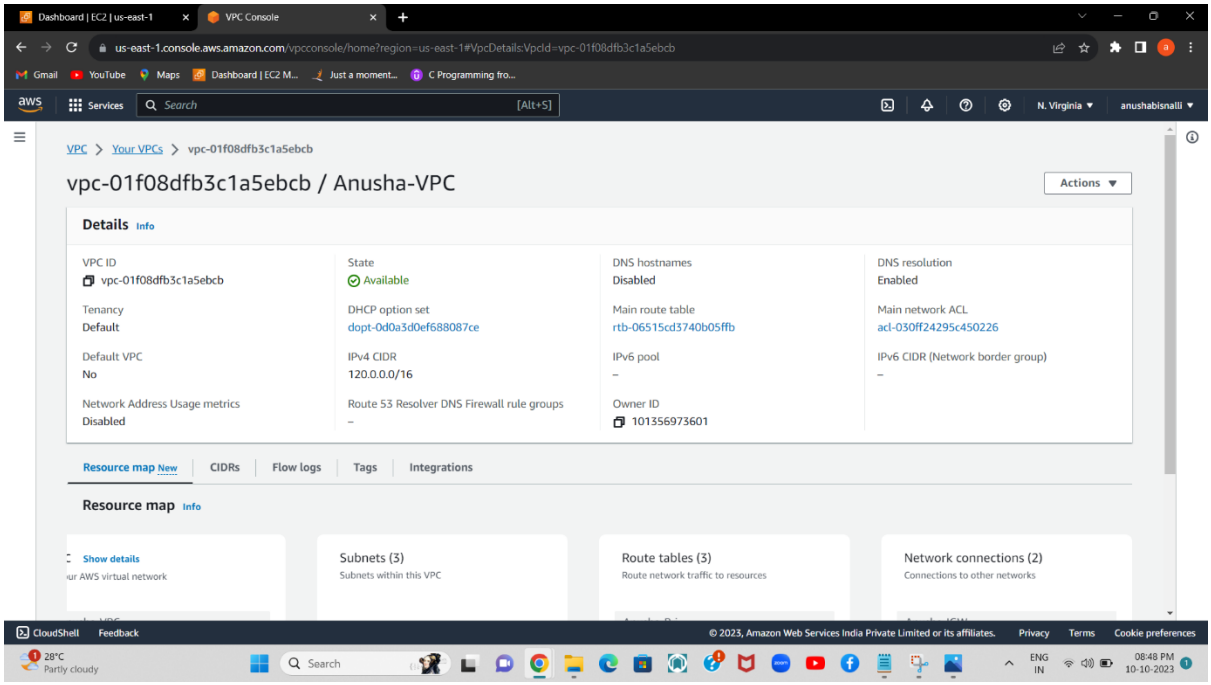
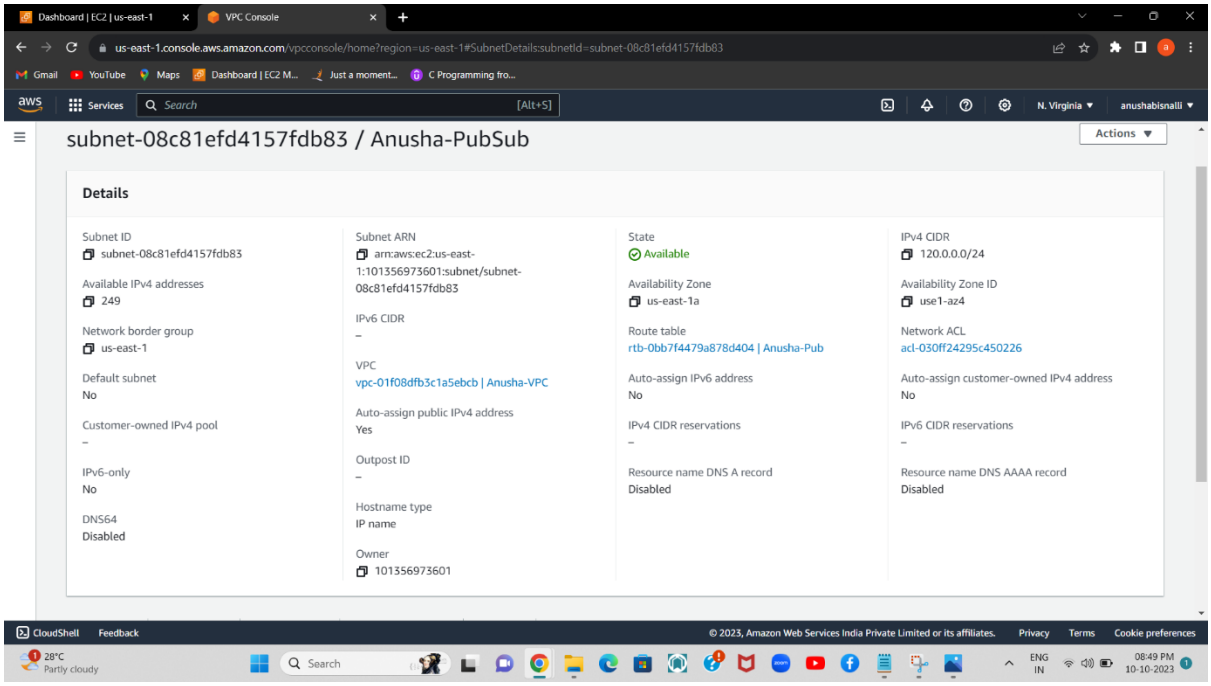
Assignment-1

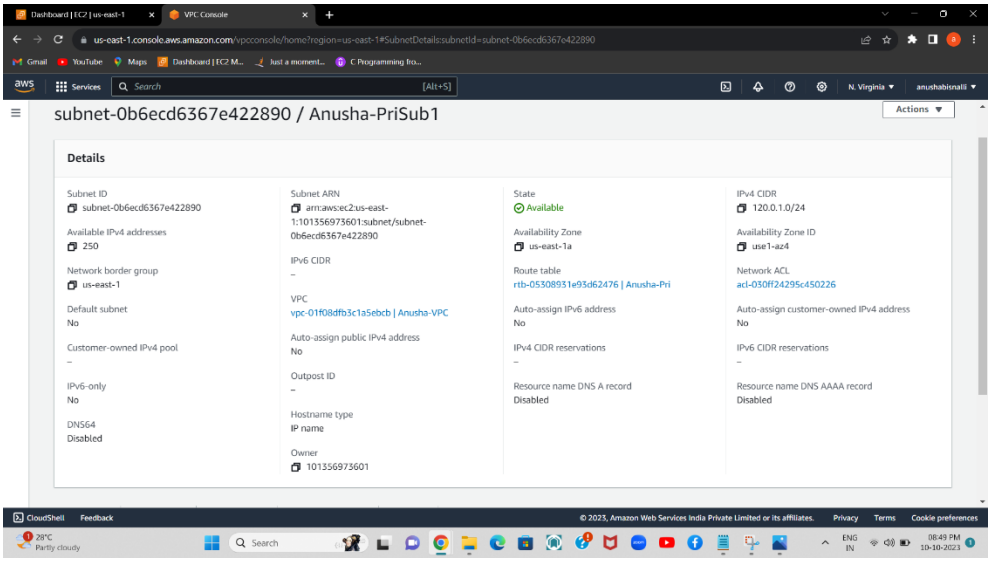
Problem Statement: Working for an organization, you are required to provide them a safe and secure environment for the deployment of their resources. They might require different types of connectivity. Implement the following to fulfil the requirements of the company.

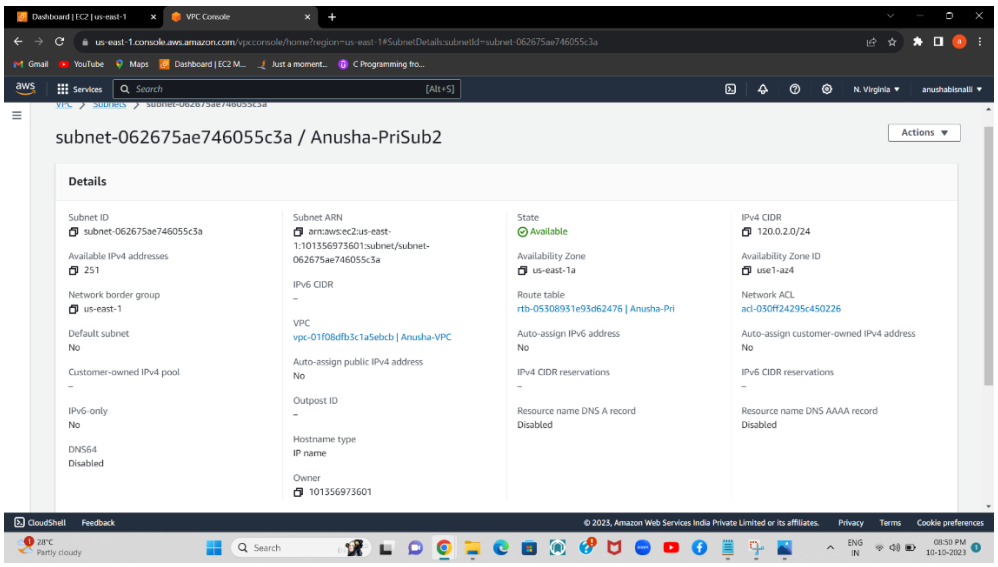


Step 1: creating VPC

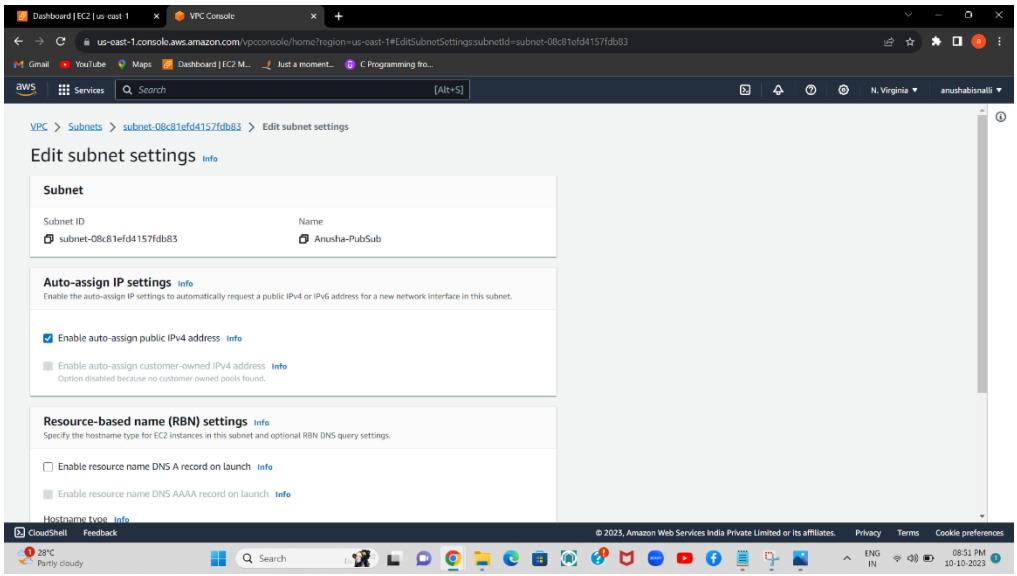


Step 2: Creating one Public Subnet

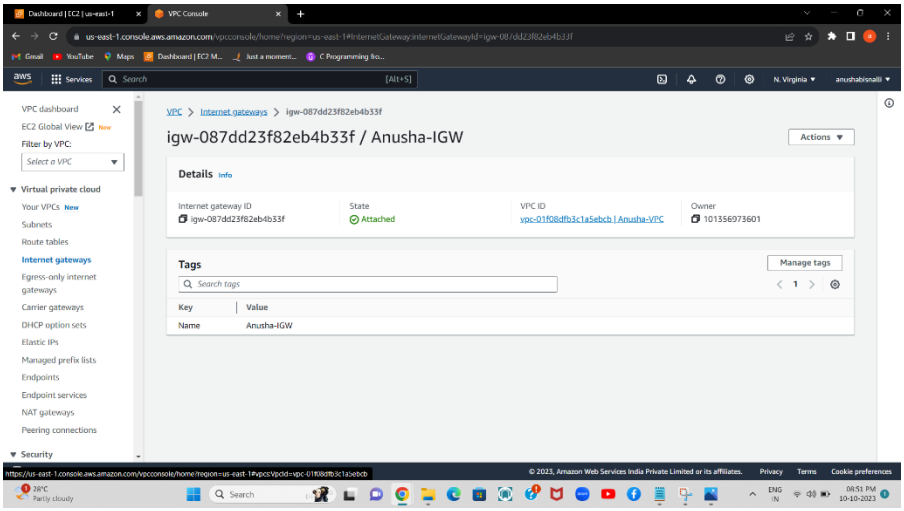




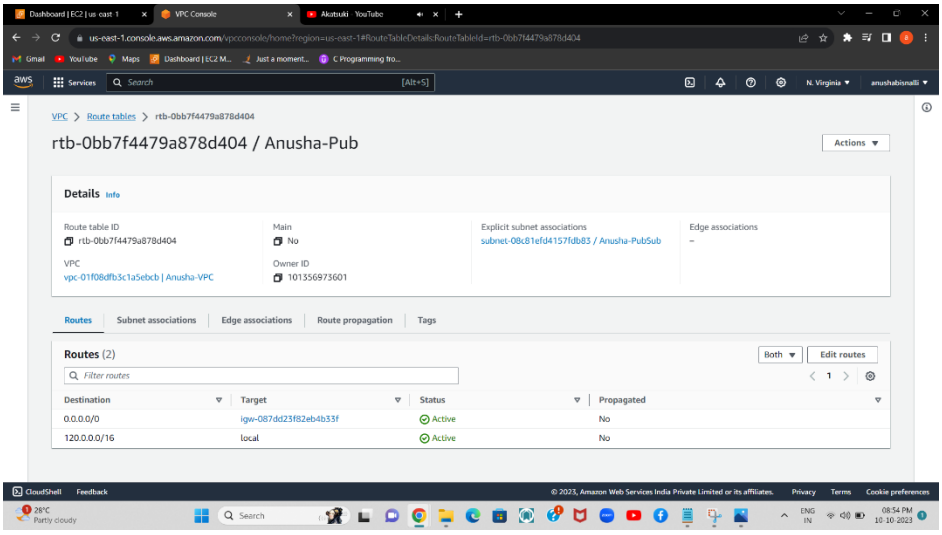
Step 2: Creating two private Subnets



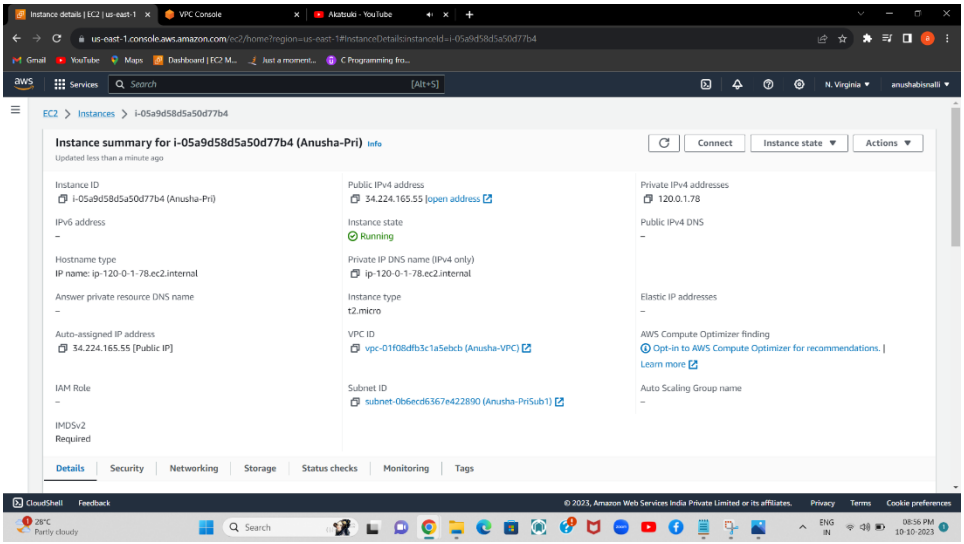
Step 3: Enabling IPv4 public subnet



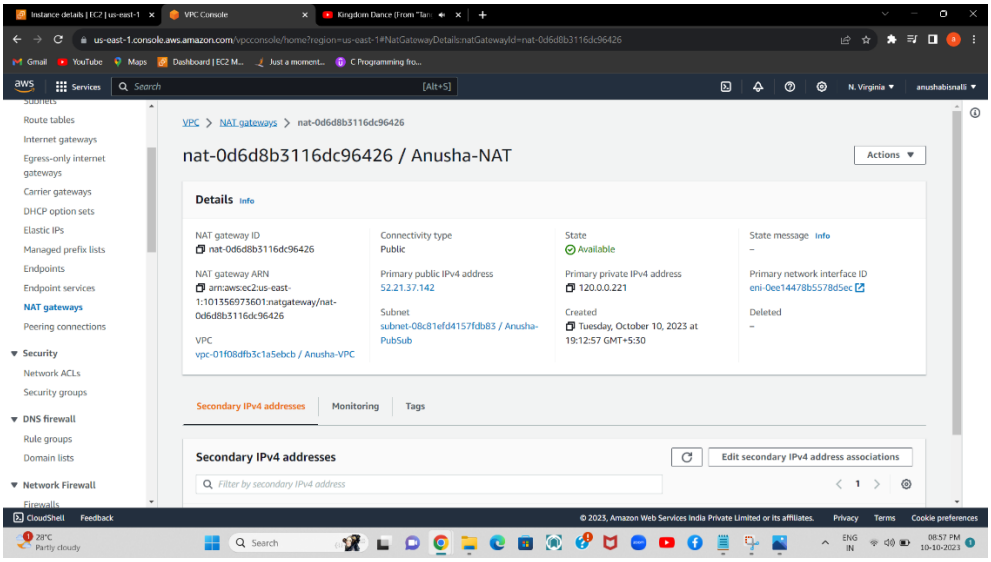
Step 4: Creating IGW & attaching VPC



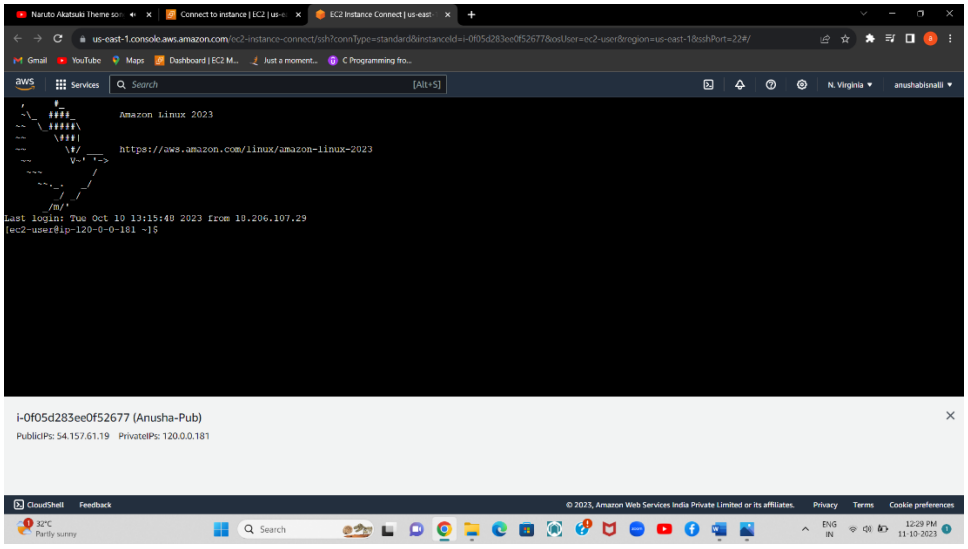
Step 5: Creating & editing route table & adding IGW to it.



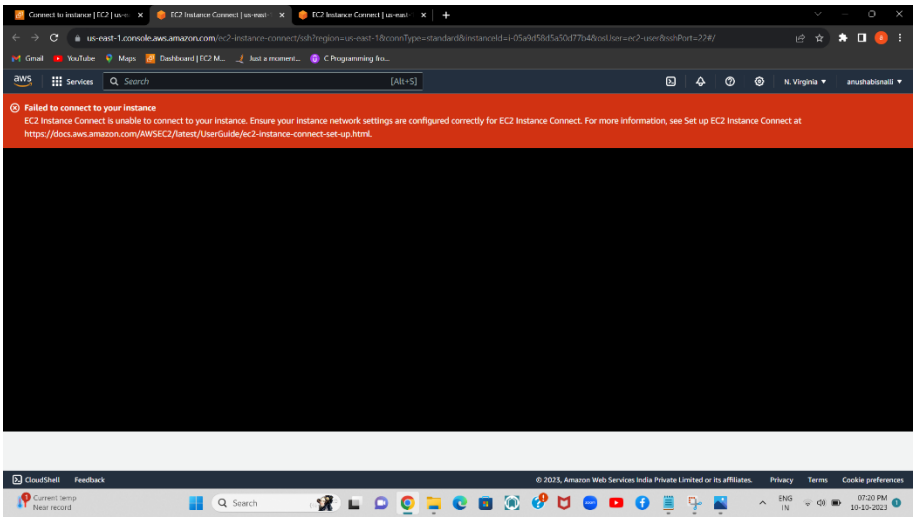
Step 6: Create one public instance



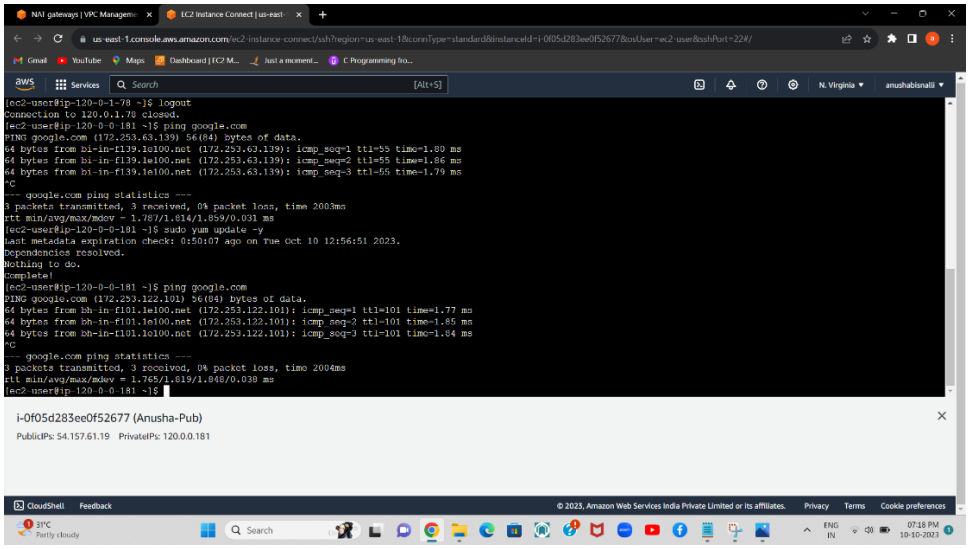
Step 6: Create one private instance

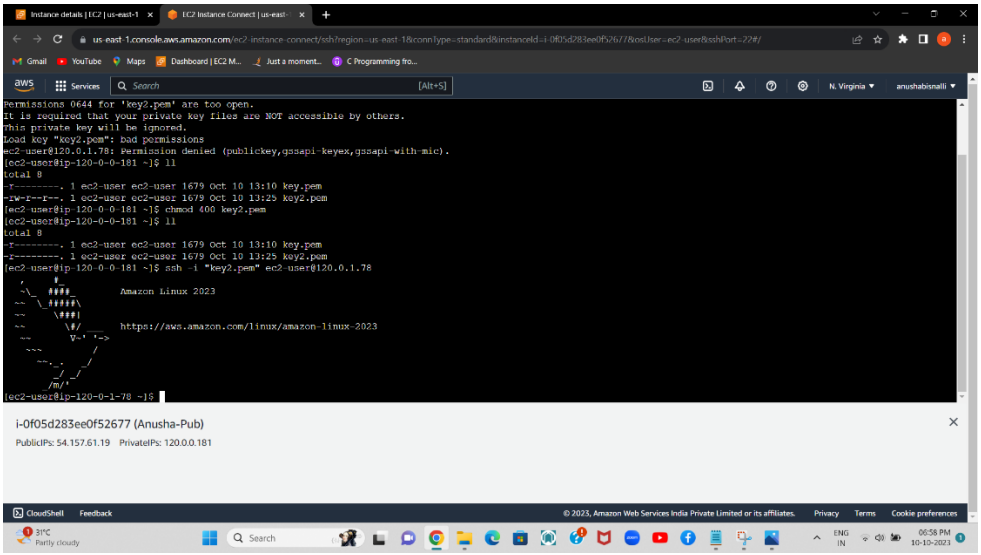


Step 7: Connecting with public instance(open)

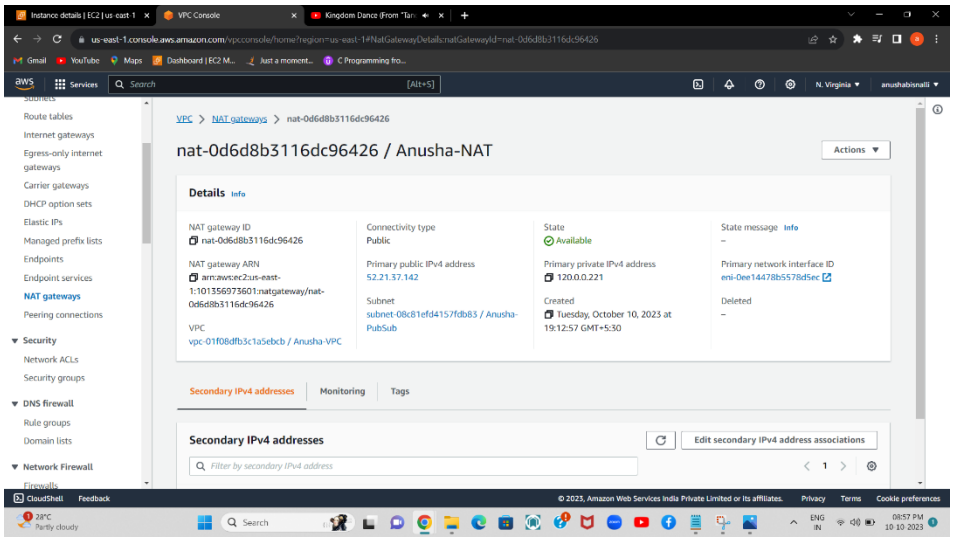


Step 8: Connecting with private instance(not open)

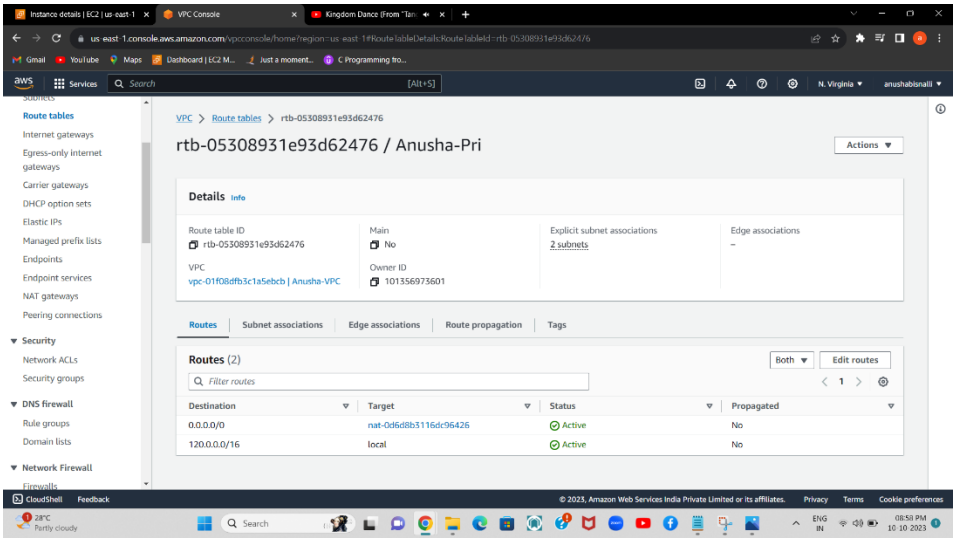




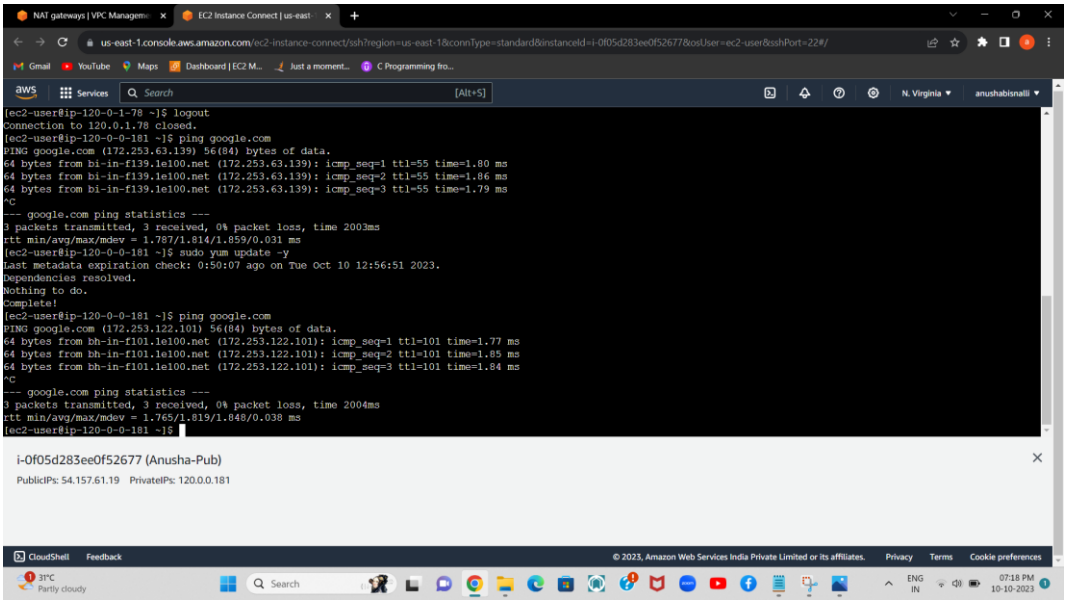
Step 9: Connecting to private instances via public instance



Step 10: Creating NAT



Step 11: Creating Route table adding private subnets 1 & 2 & edit route table add NAT Gateway.



Step 12: Go to public instance update it ping google we can get access to internet