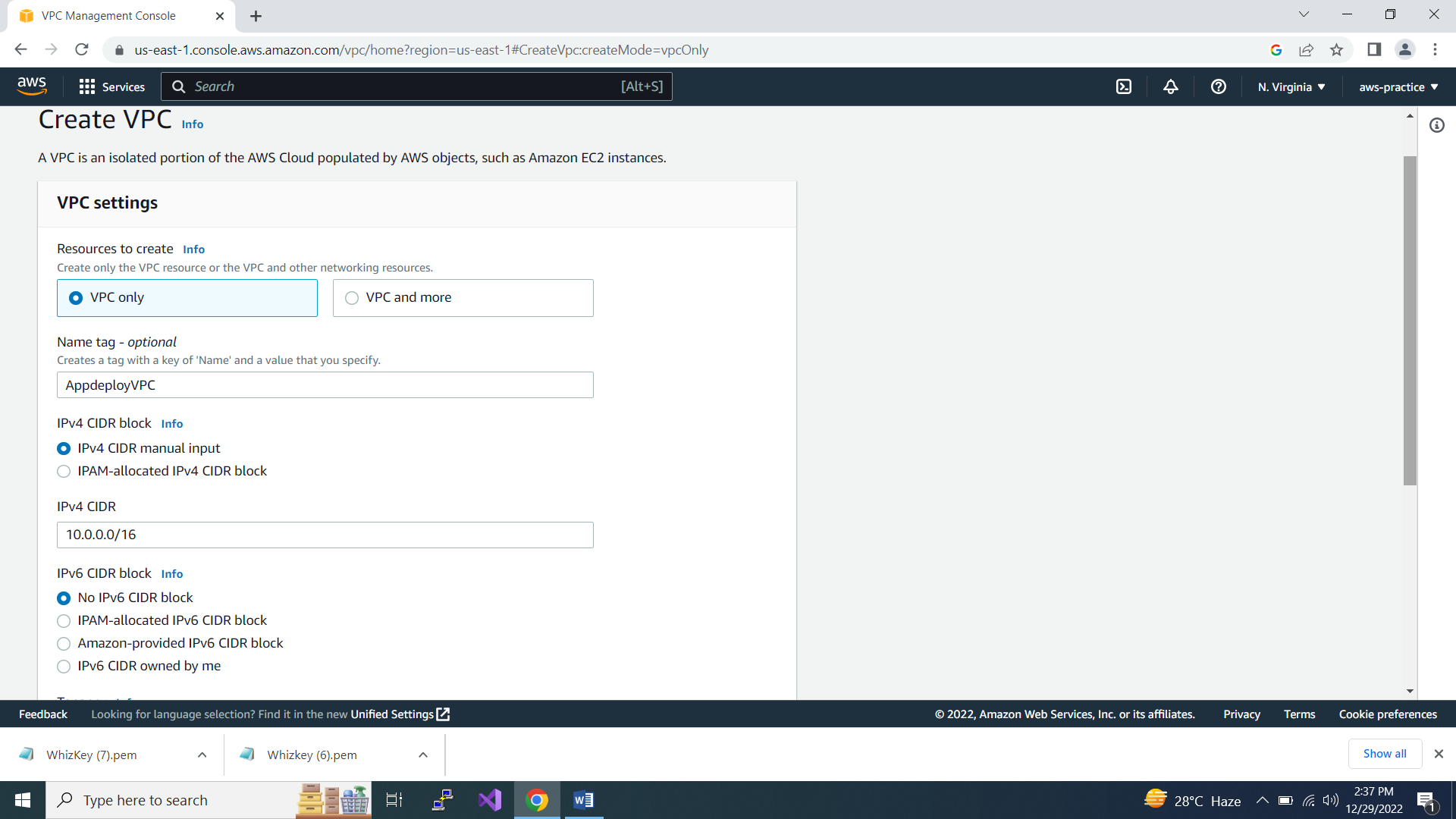
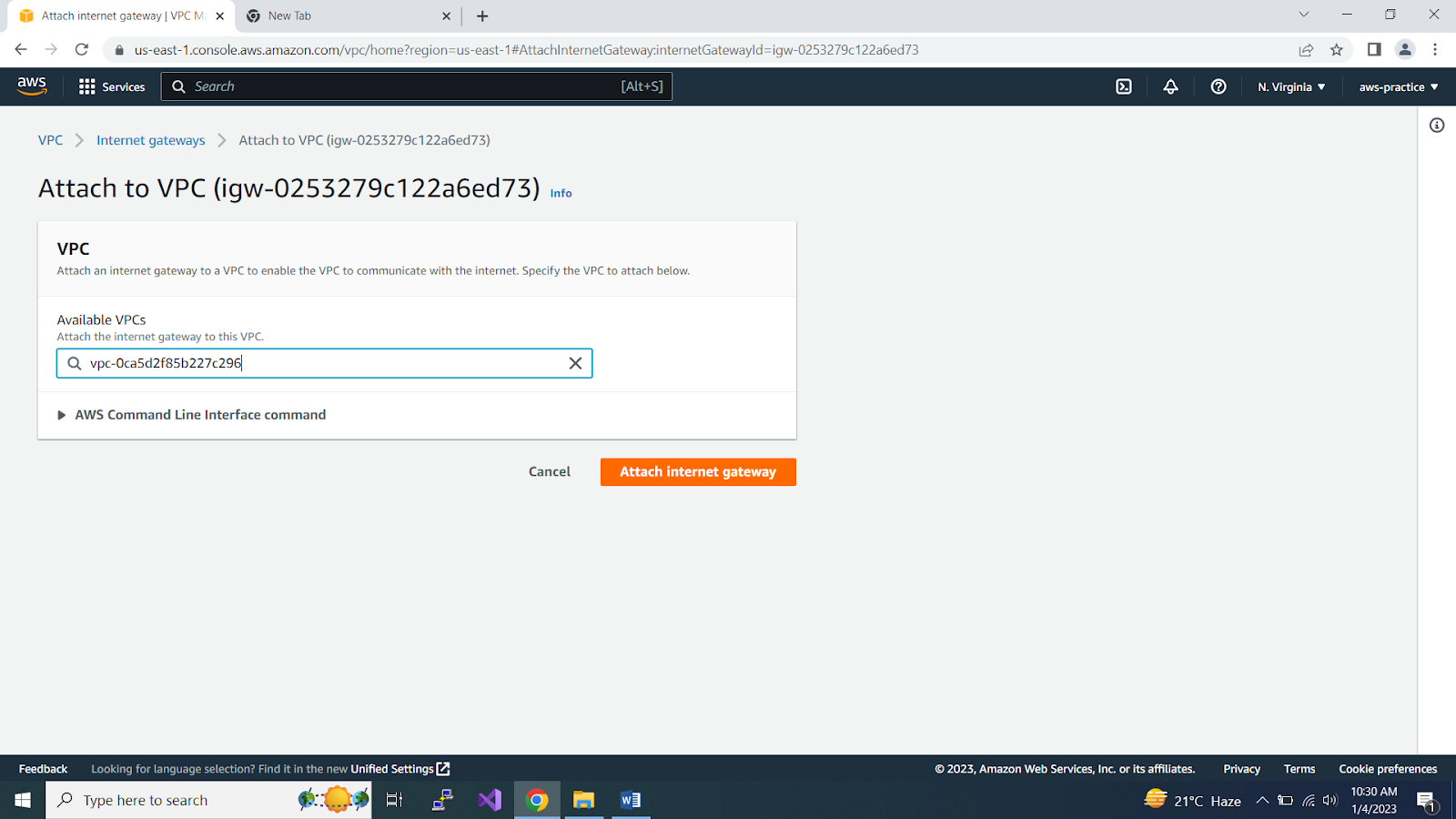
Create VPC



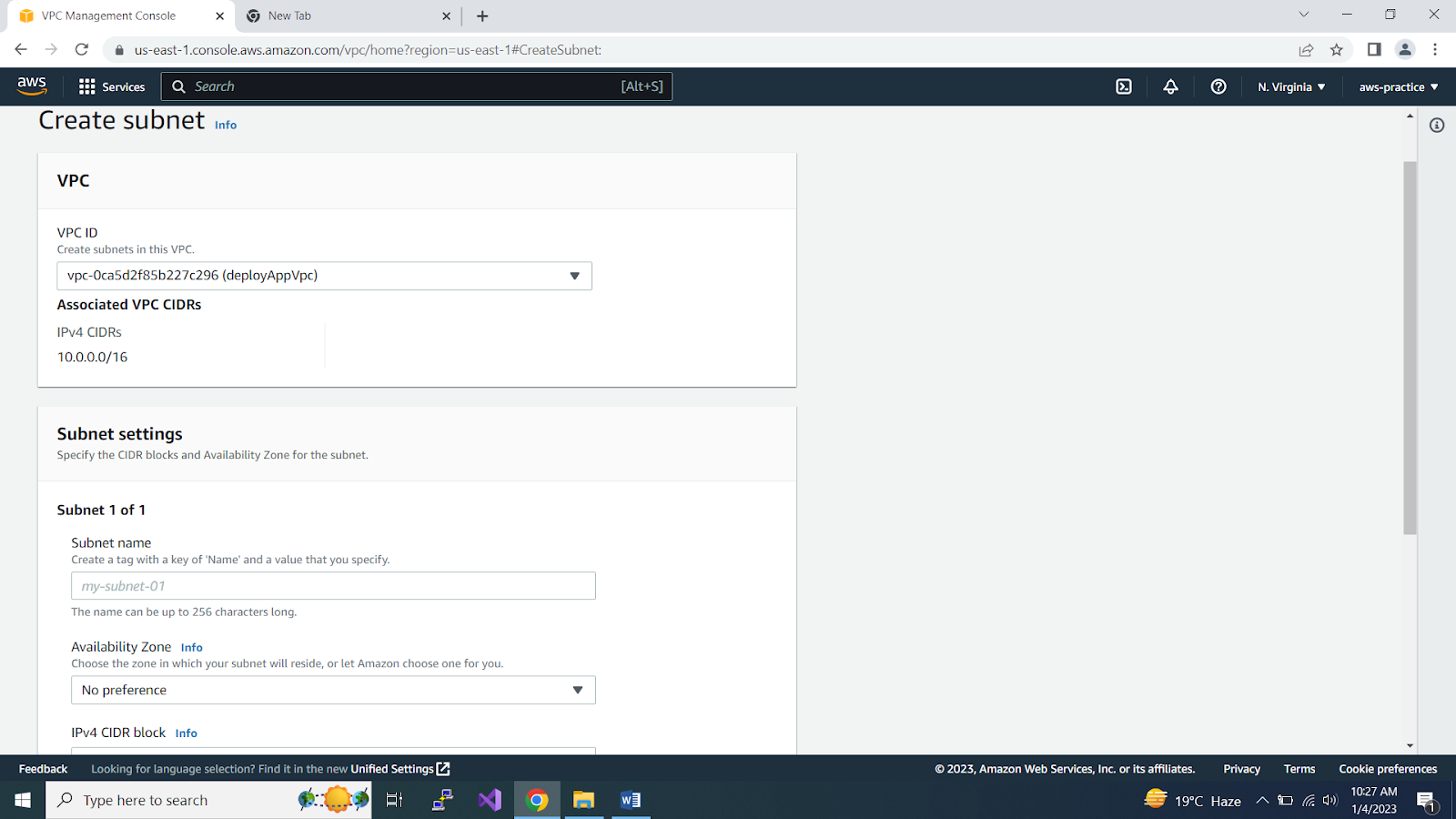
Create Internet Gateway:

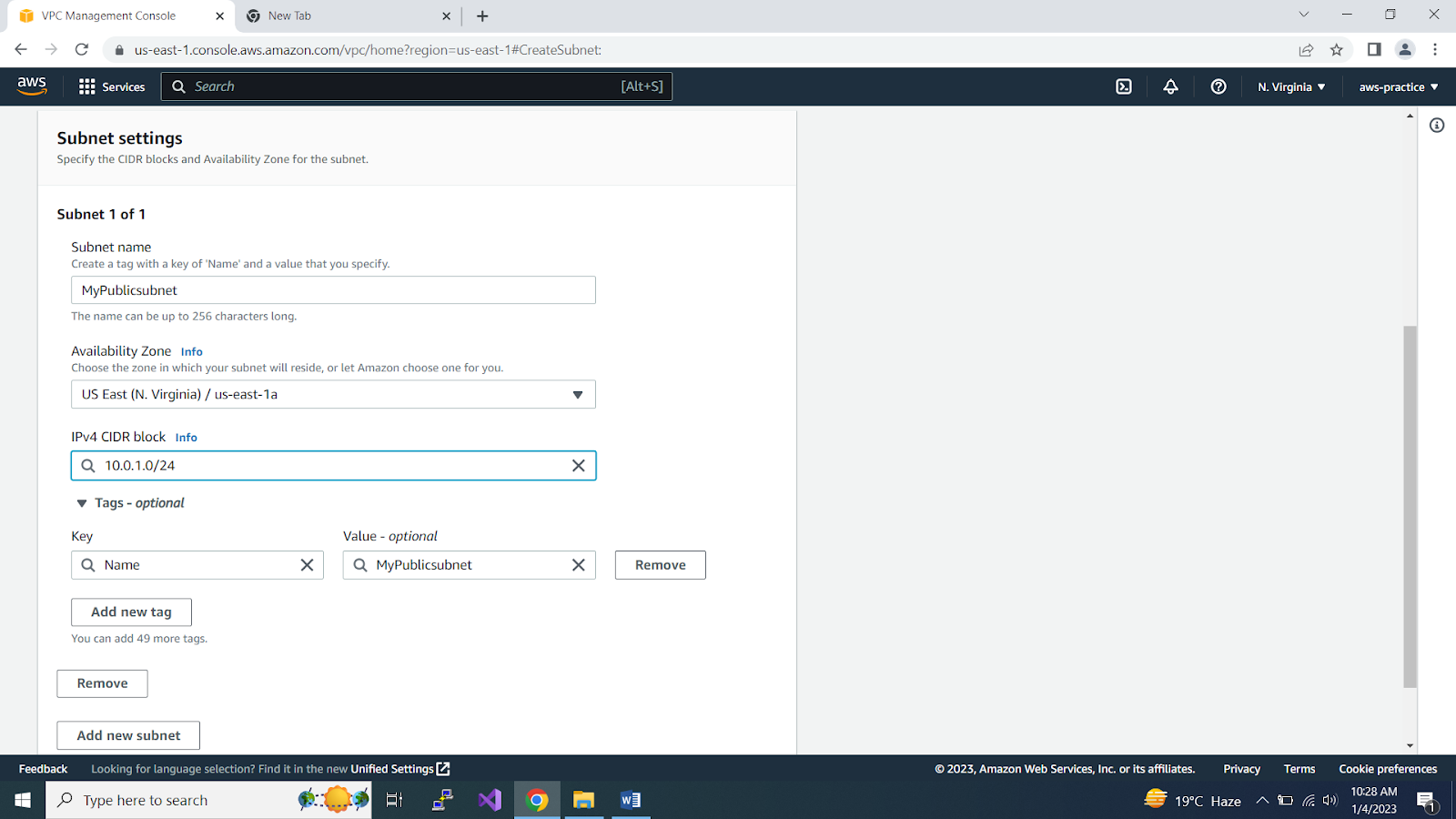


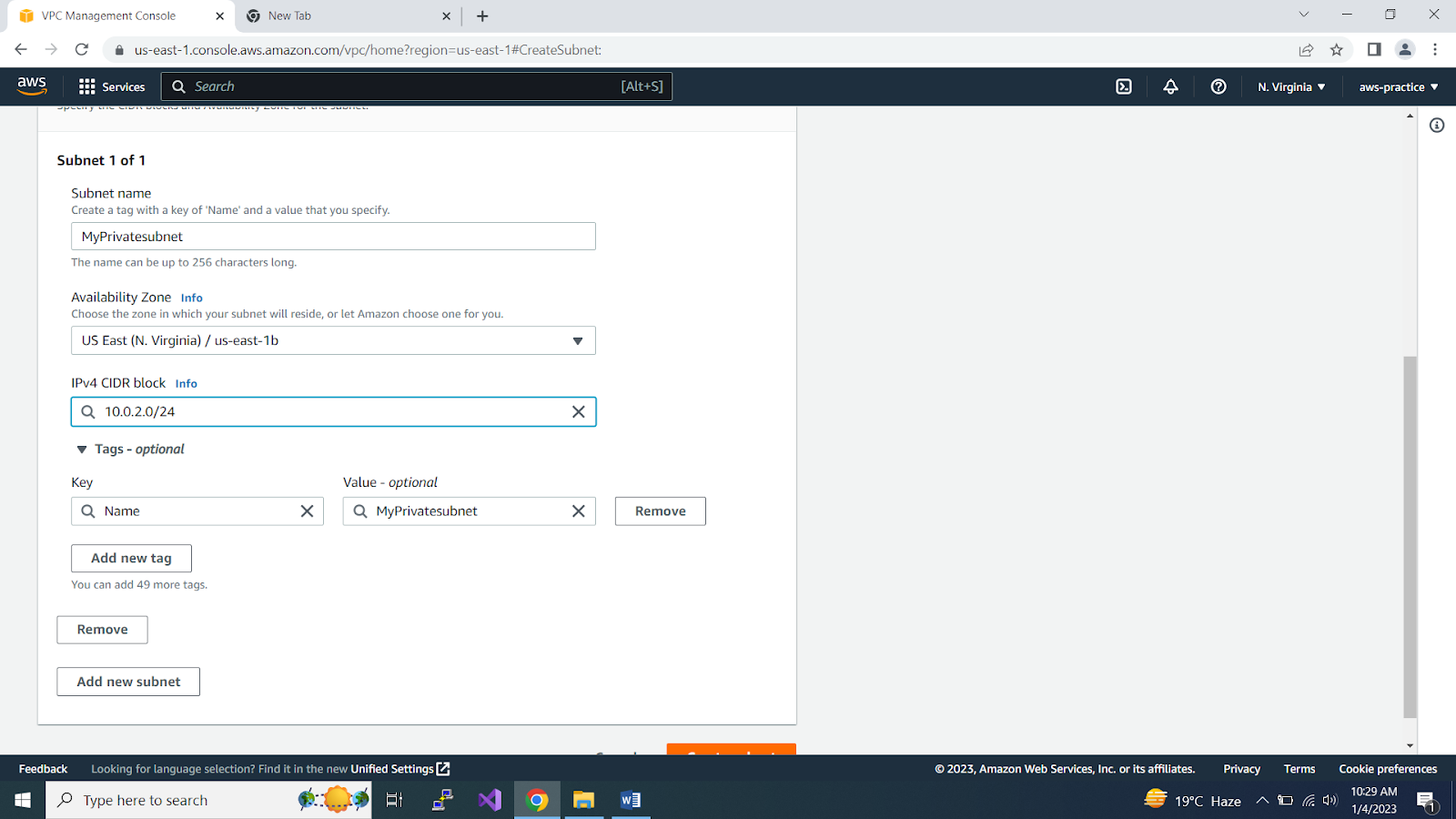
Attach Internet Gateway to VPC:



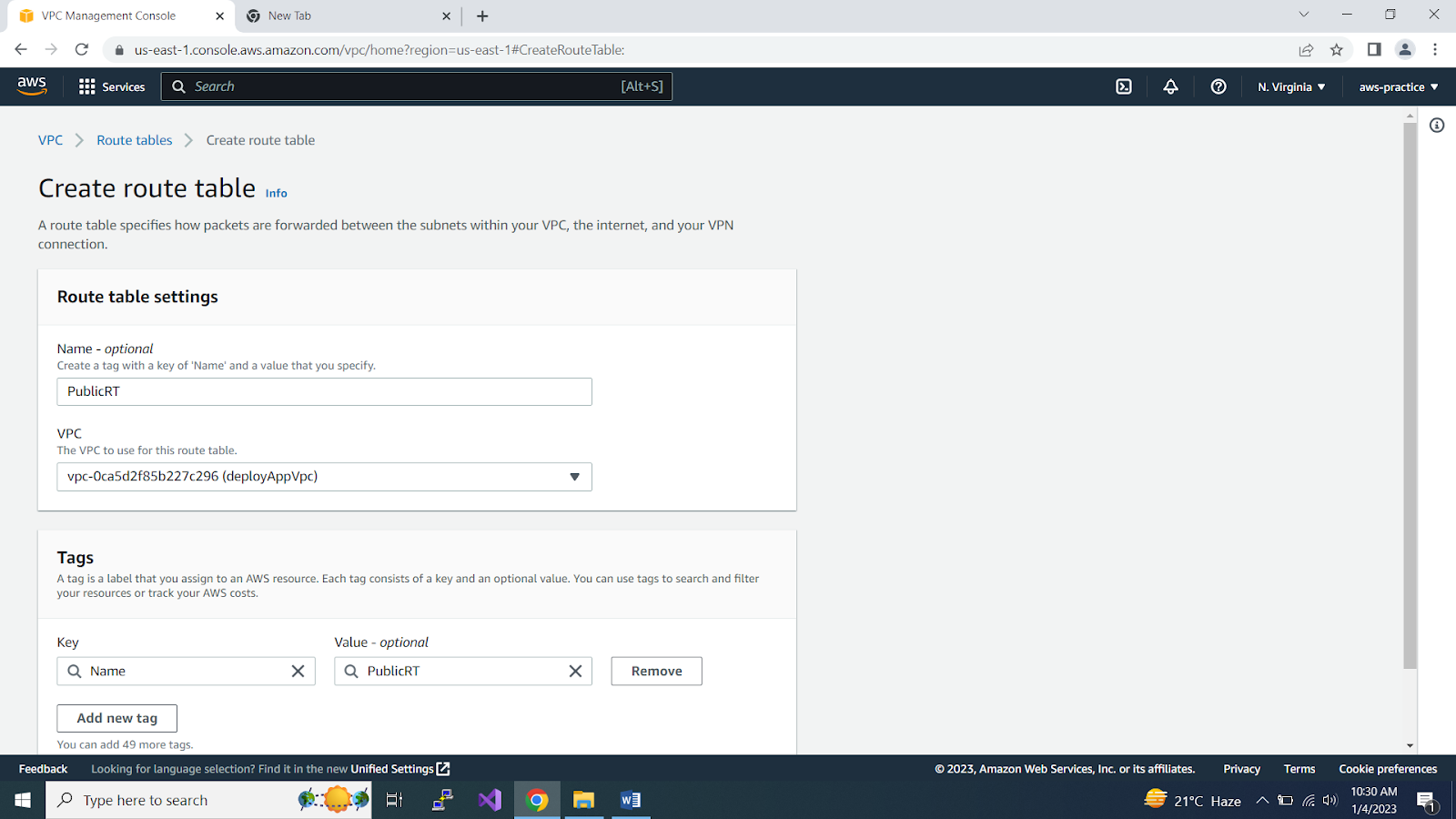
Creating subnets(Public and private)

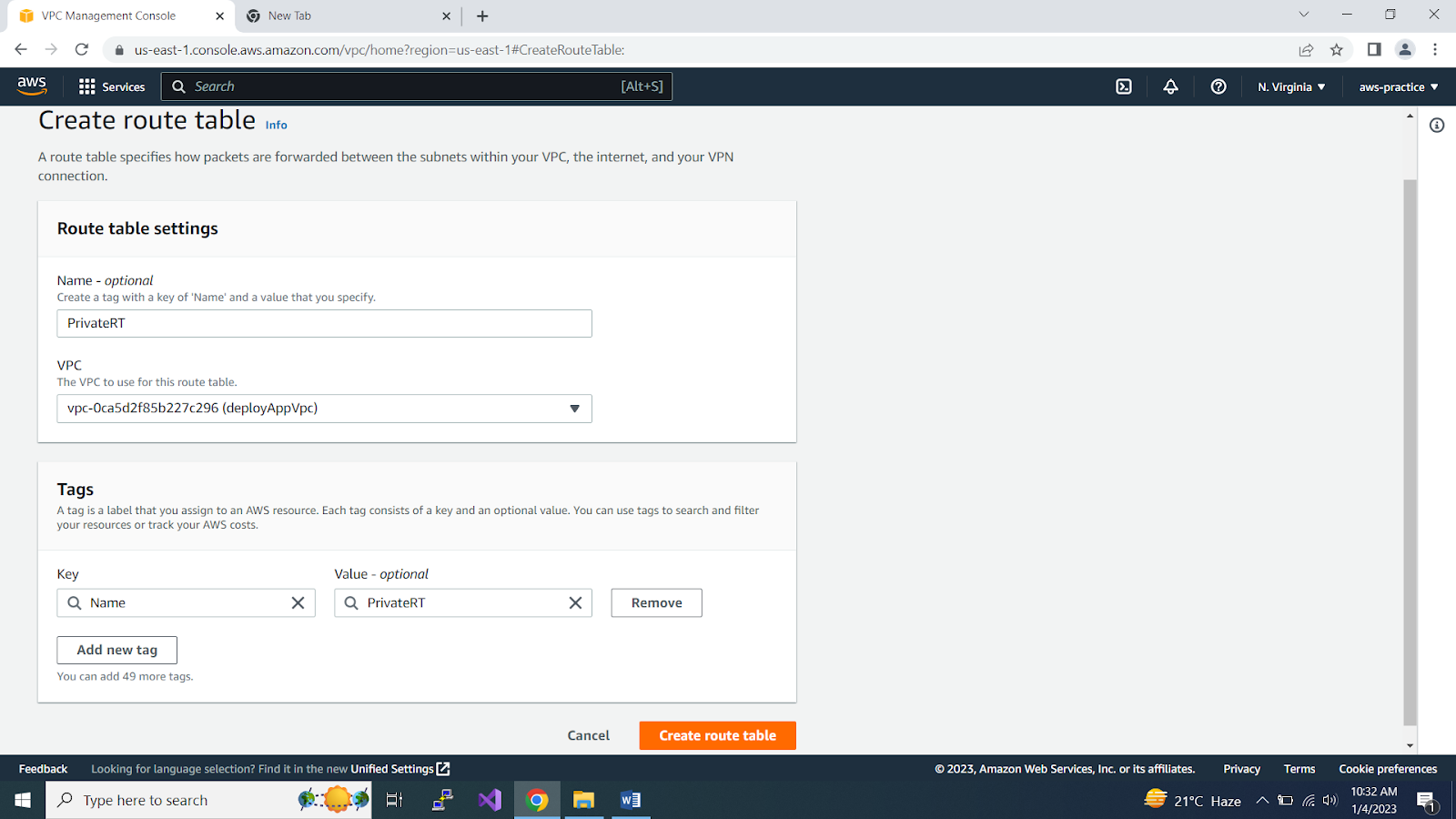


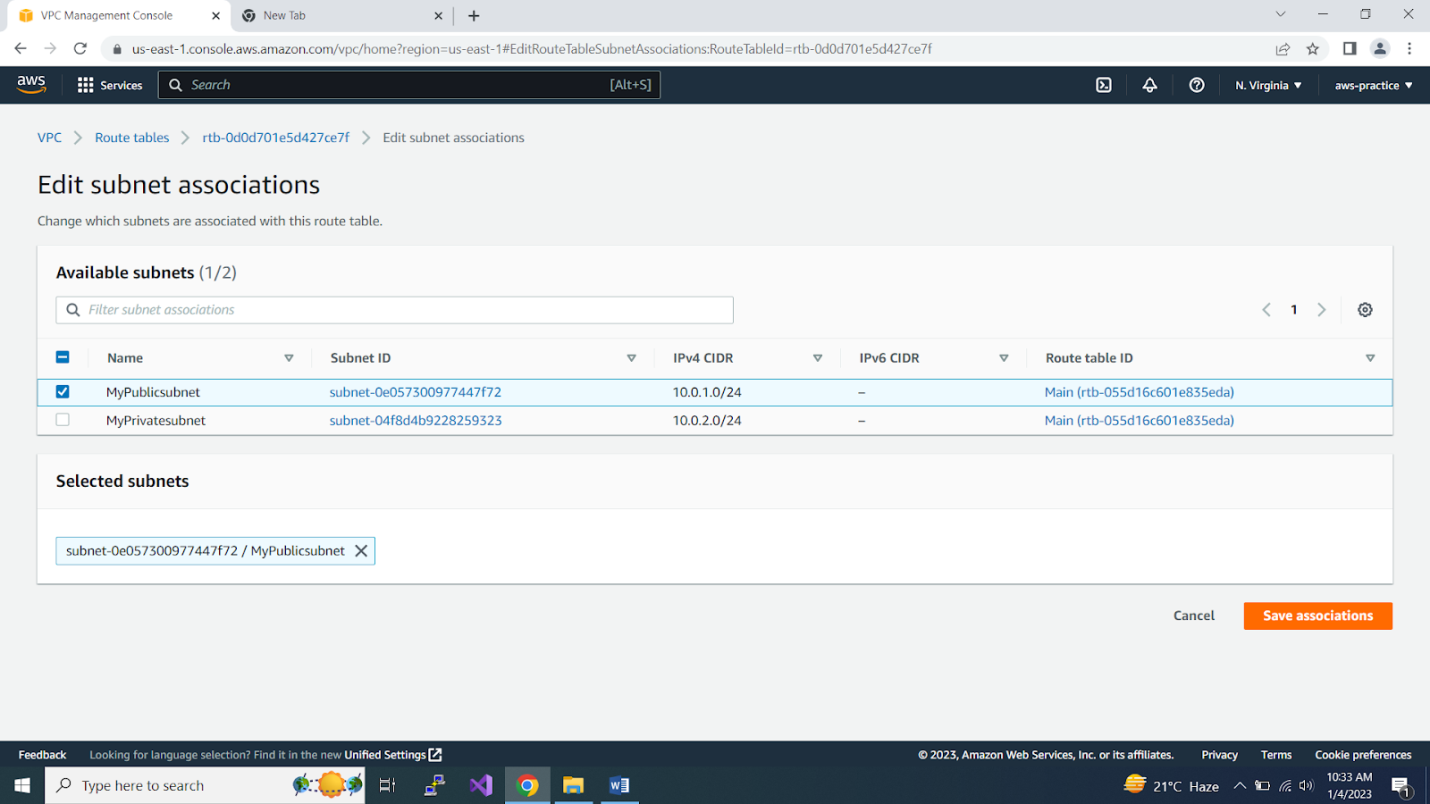


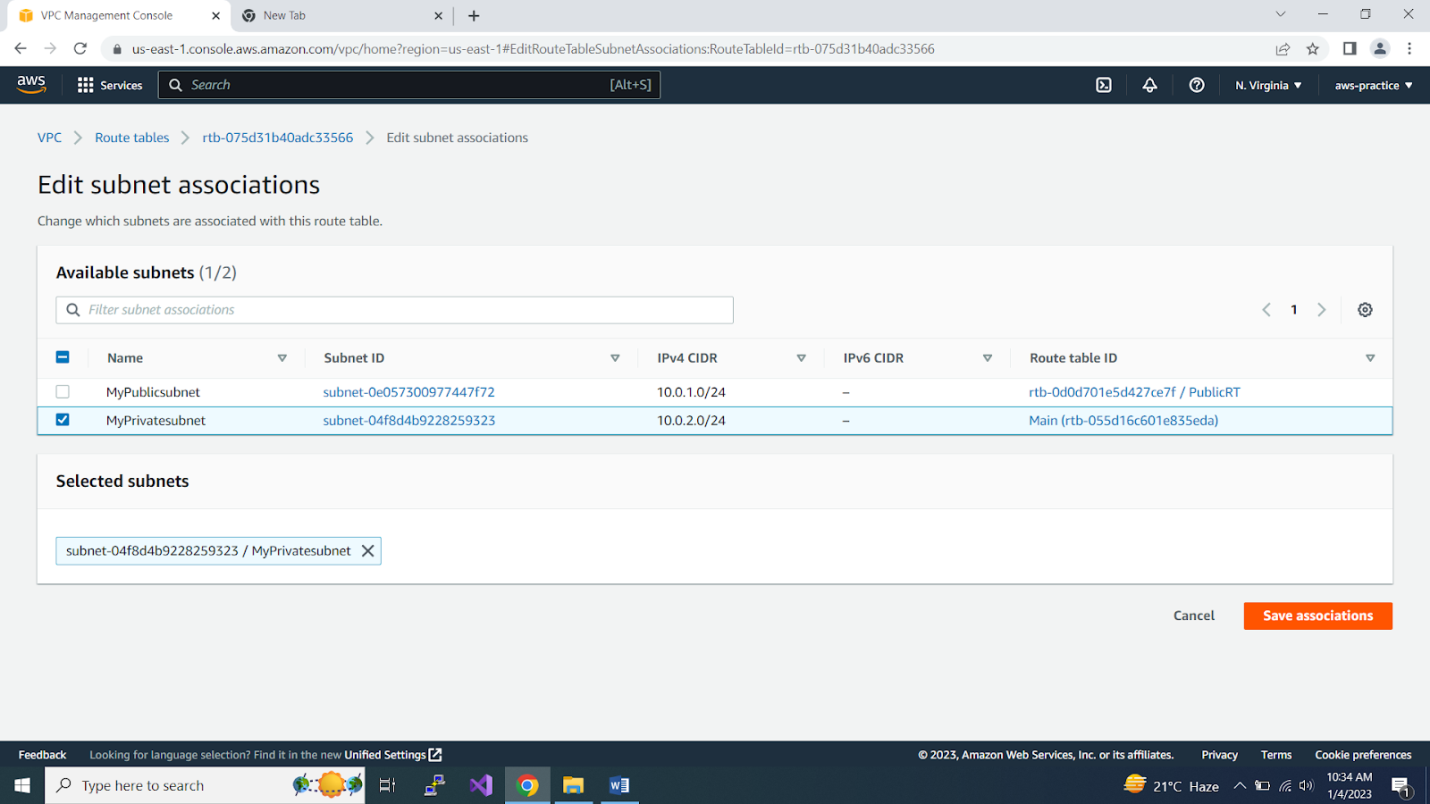


Create Route Tables for each Subnet and Associate them with Subnets:

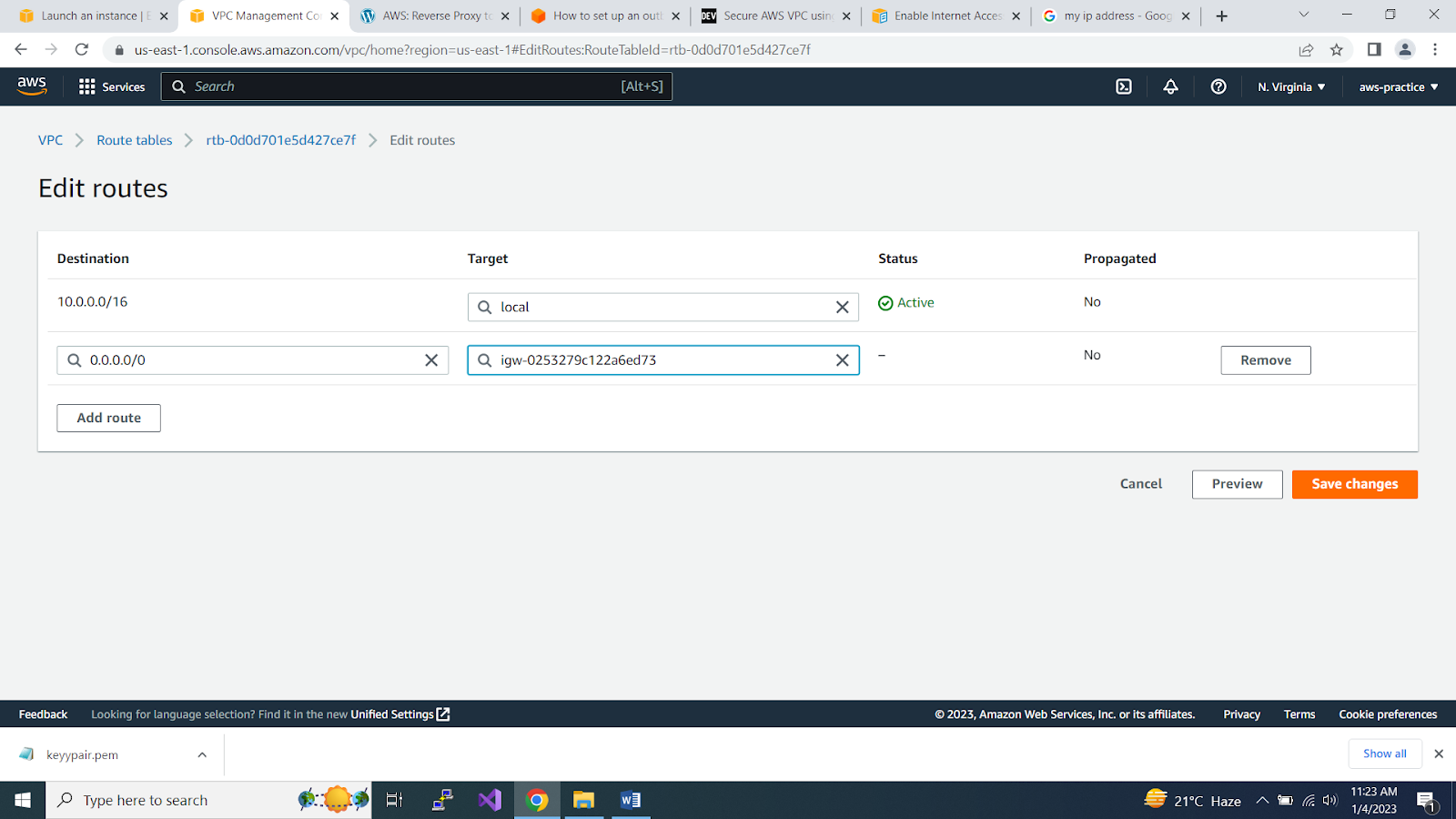




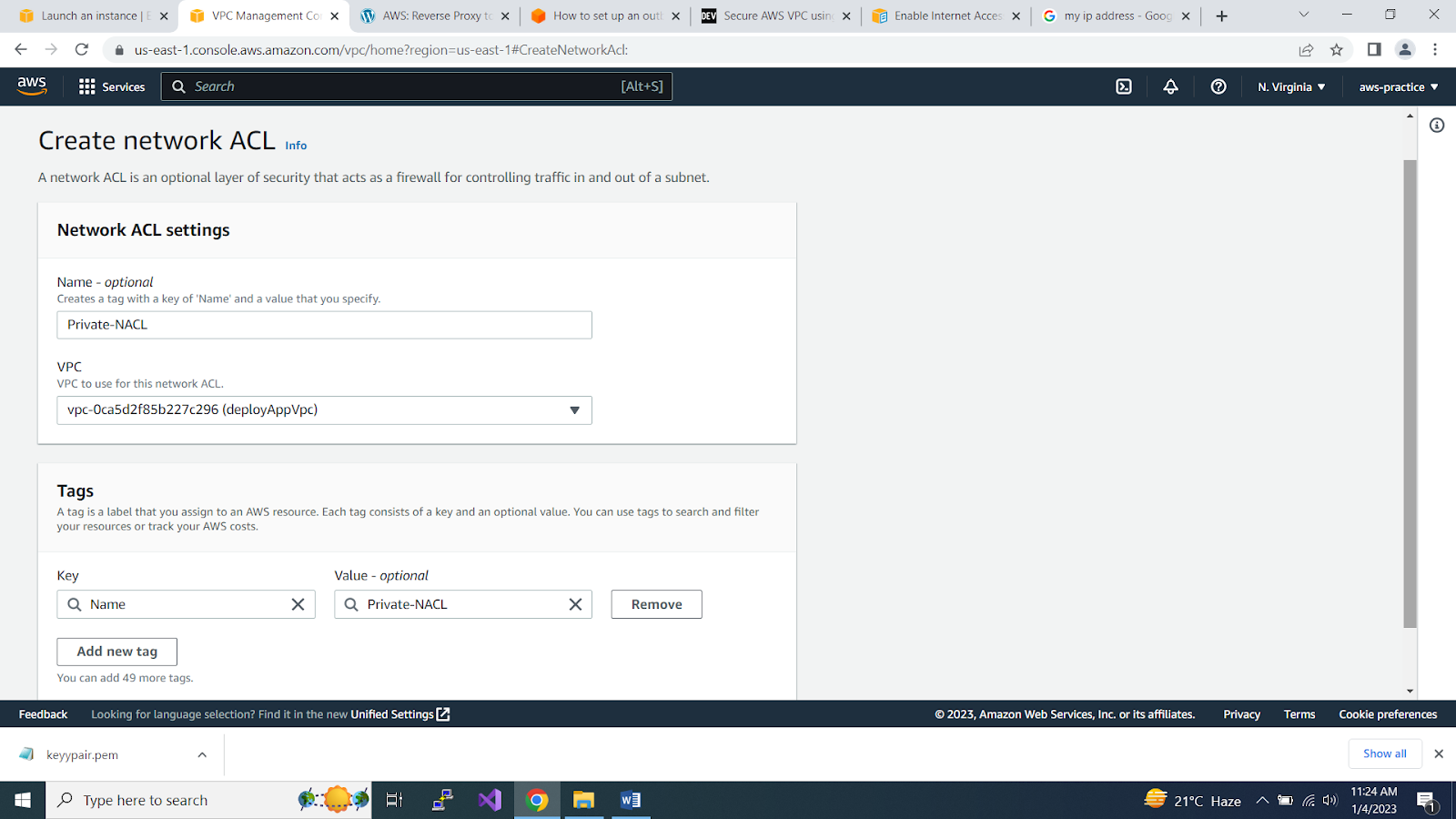


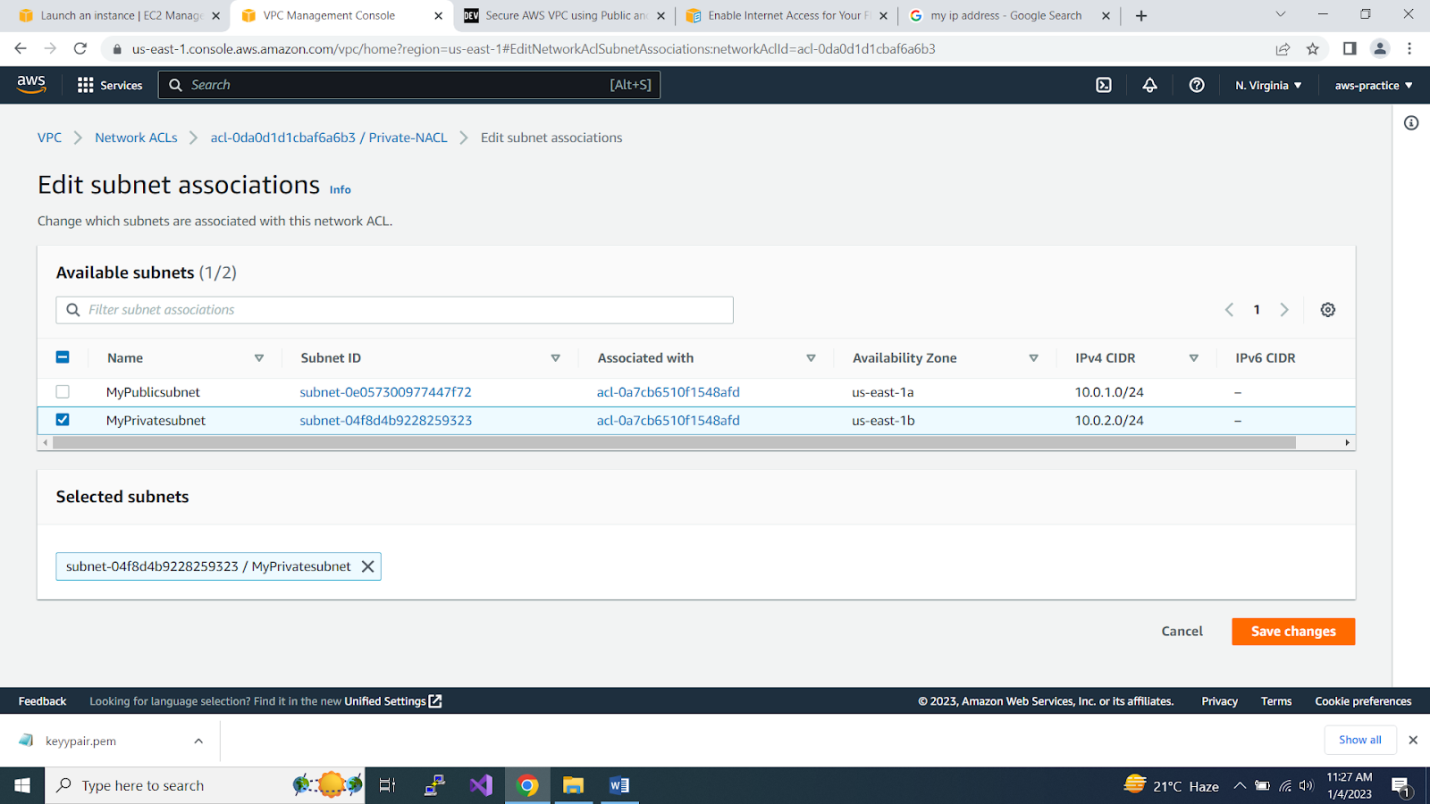


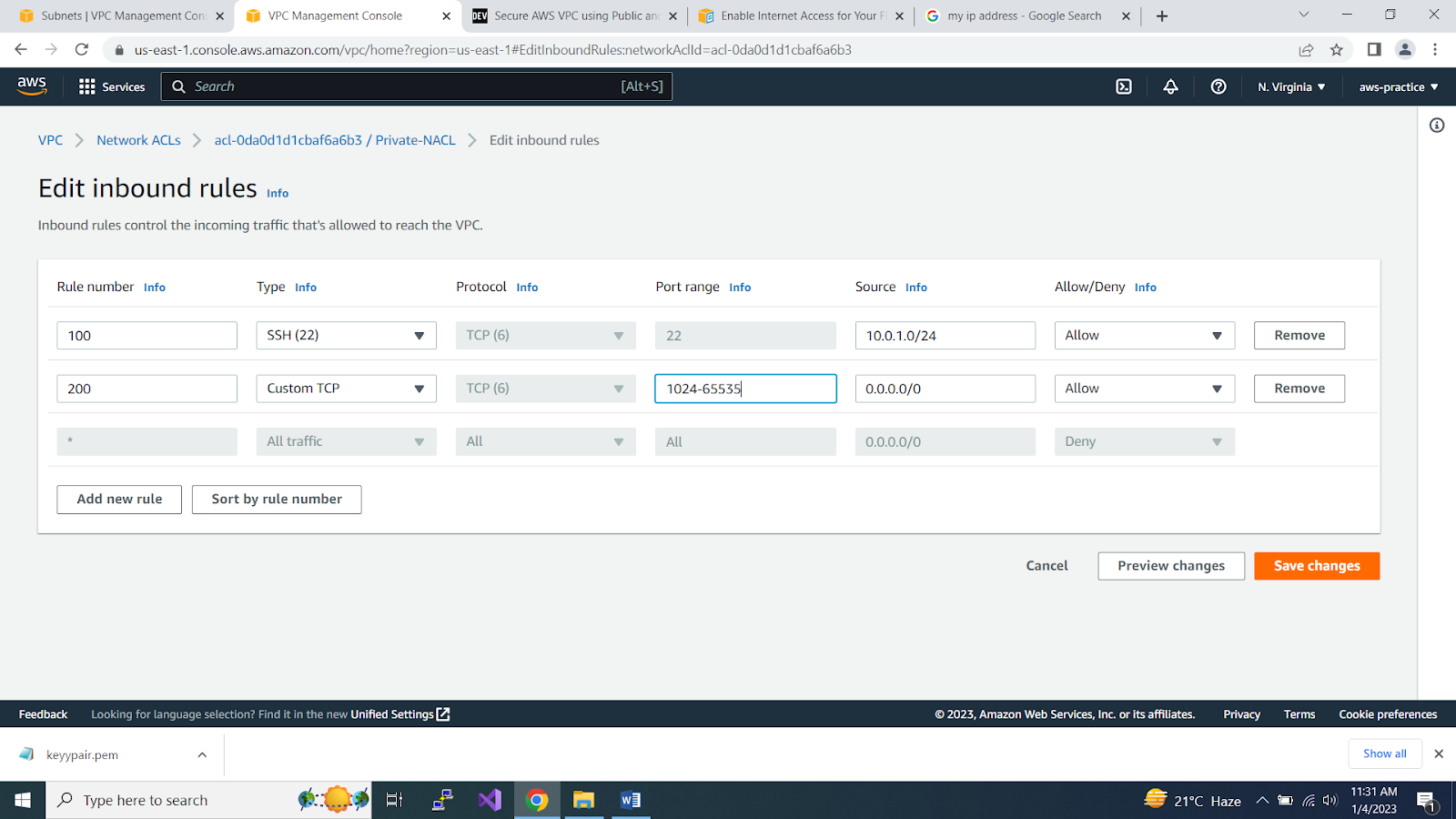
Edit Route for Public Route Table, add route for Internet gateway:

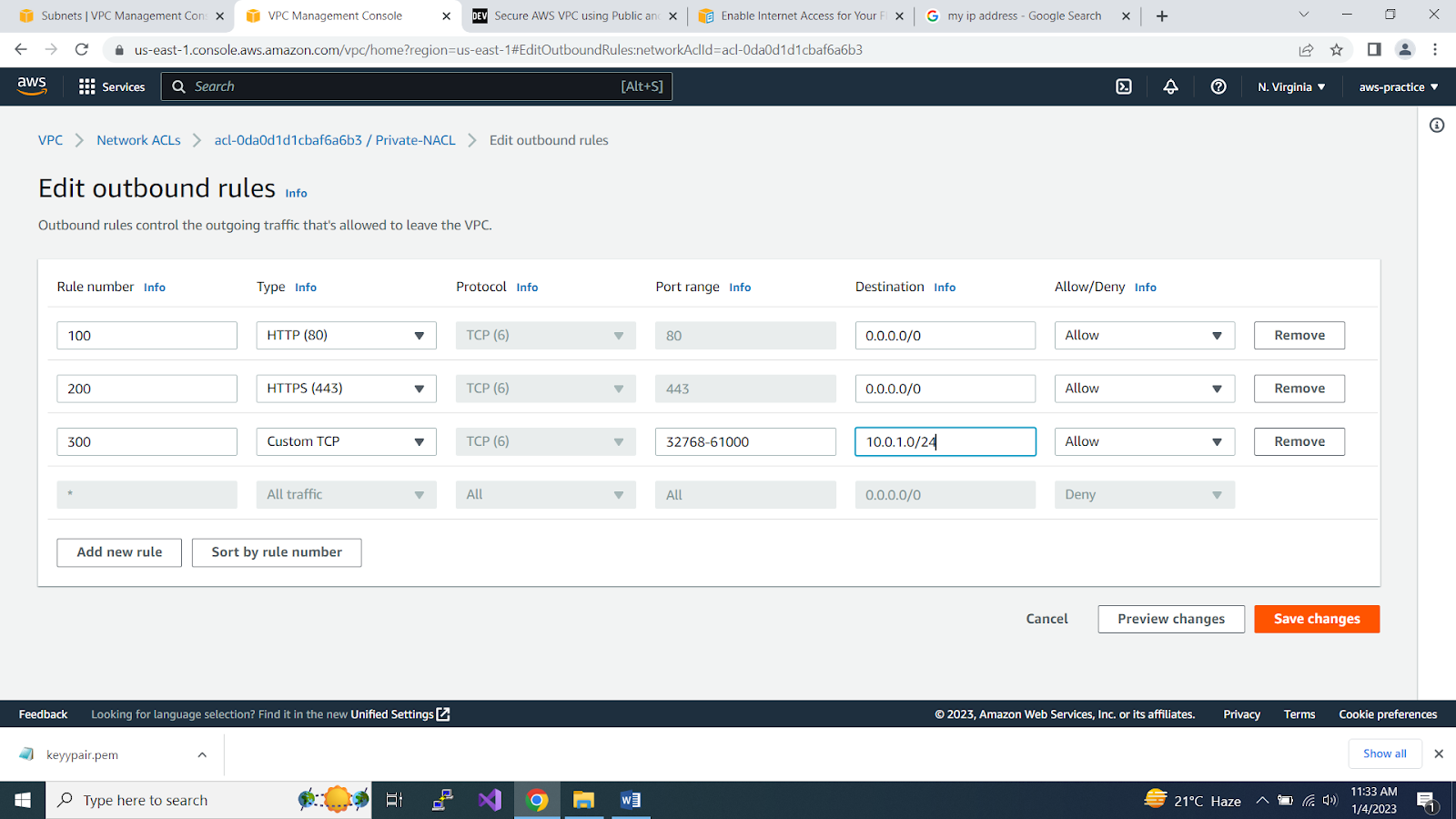


Create NACL for private subnet , and edit inbound and outbound routes

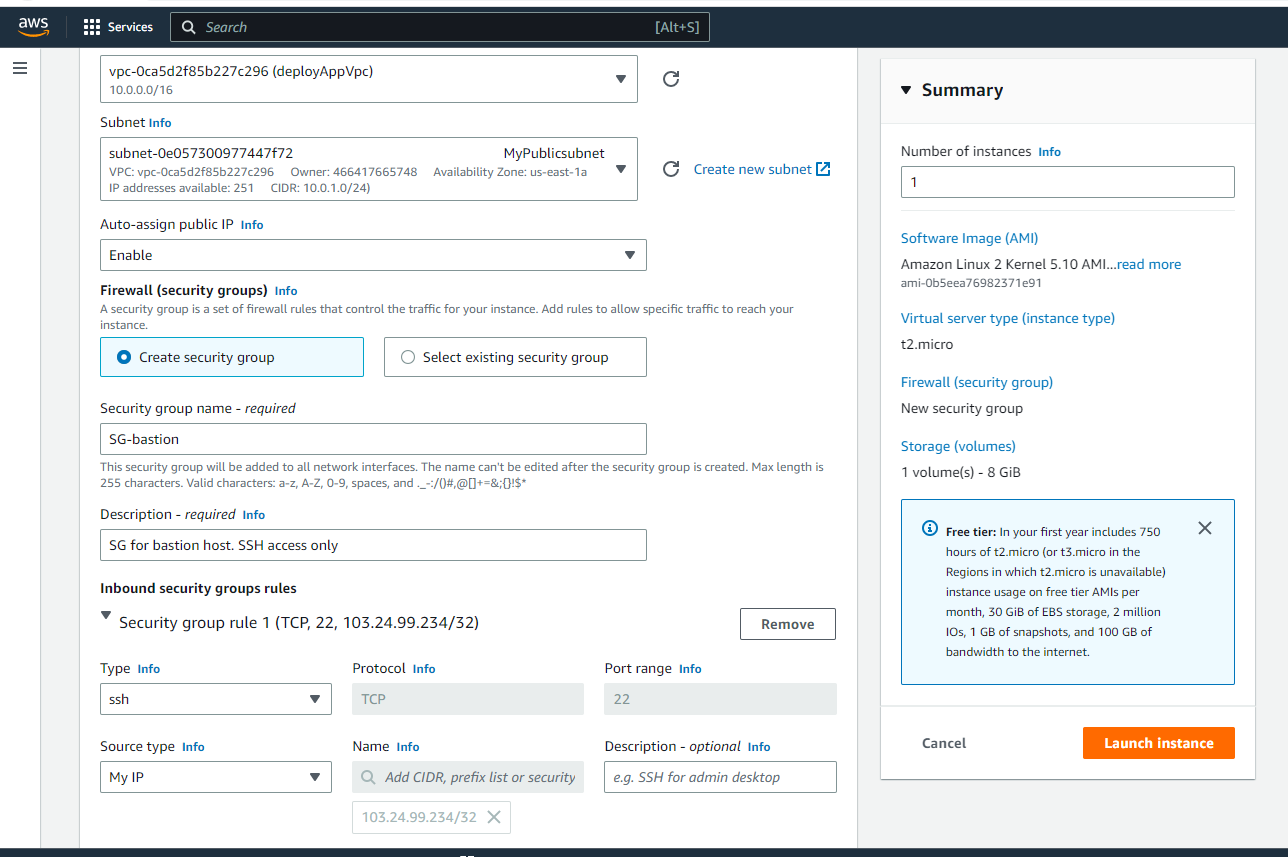




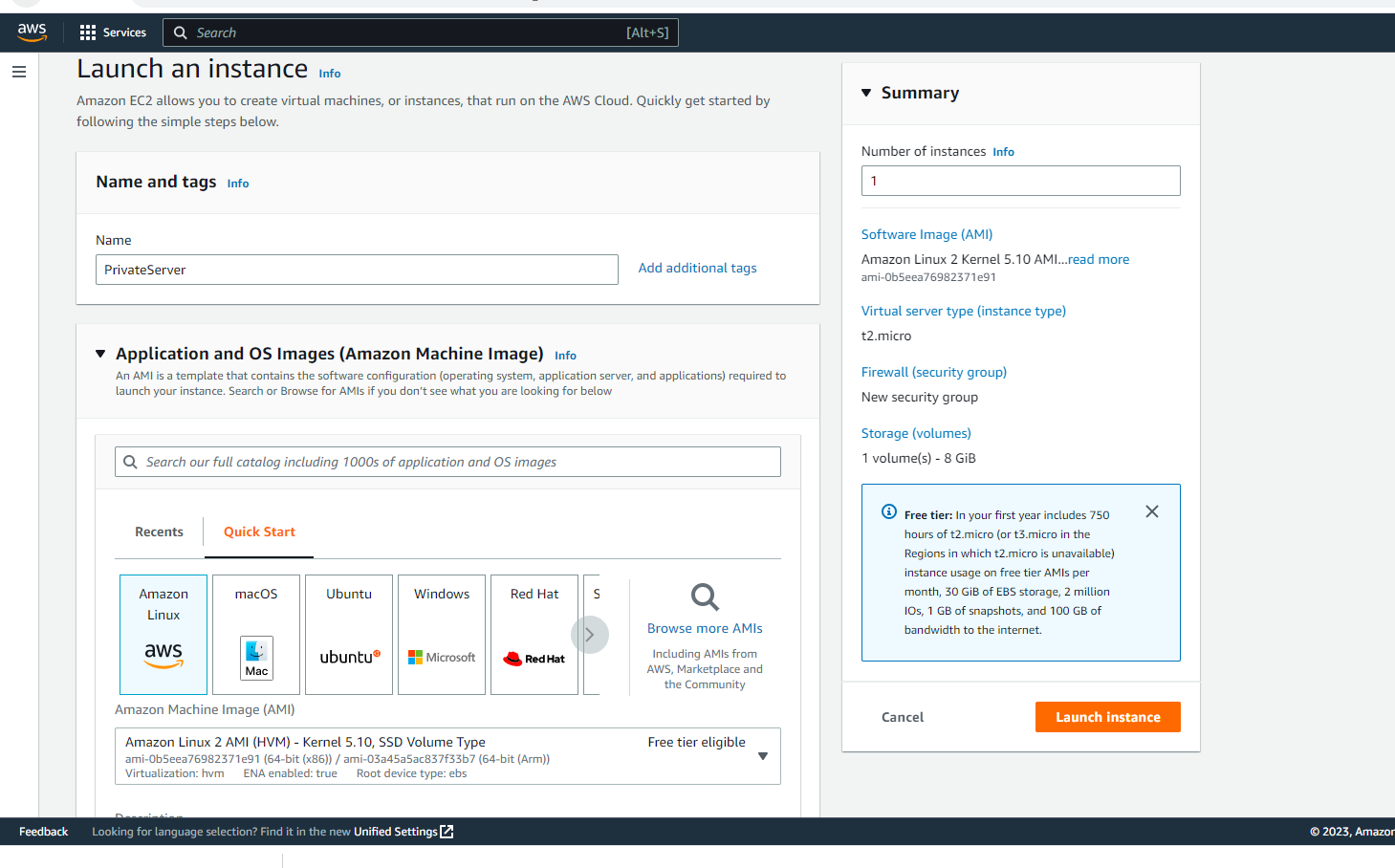


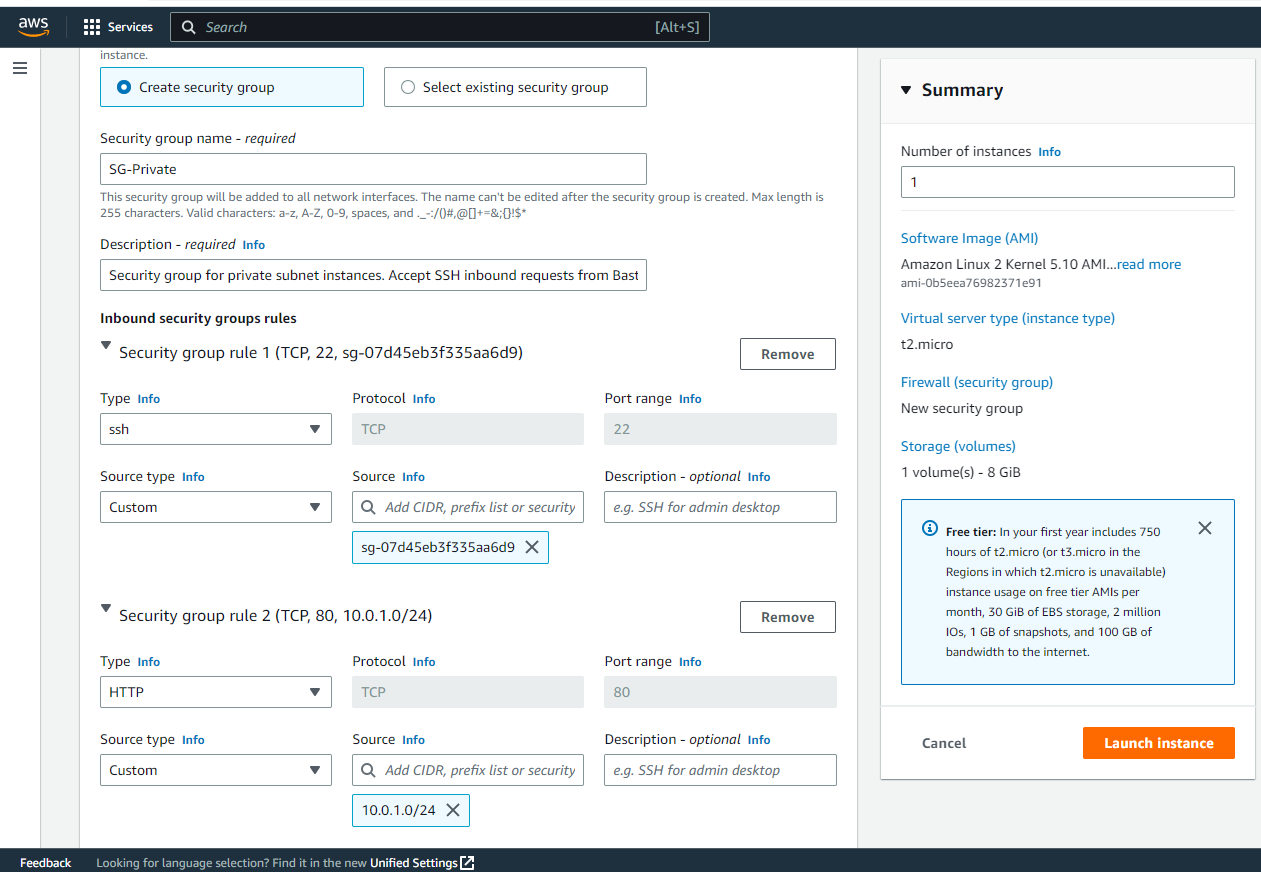


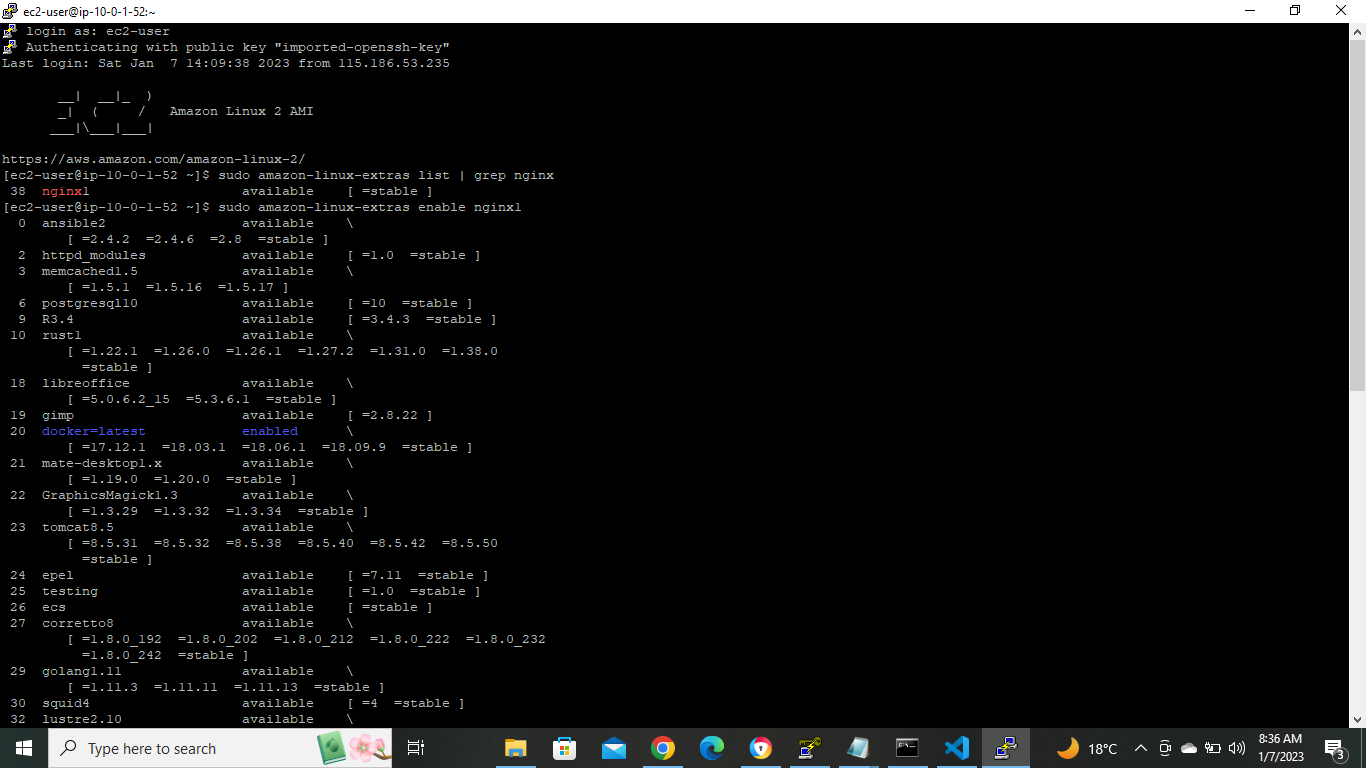
Launch Public Server that act as Bastion host in Public Subnet

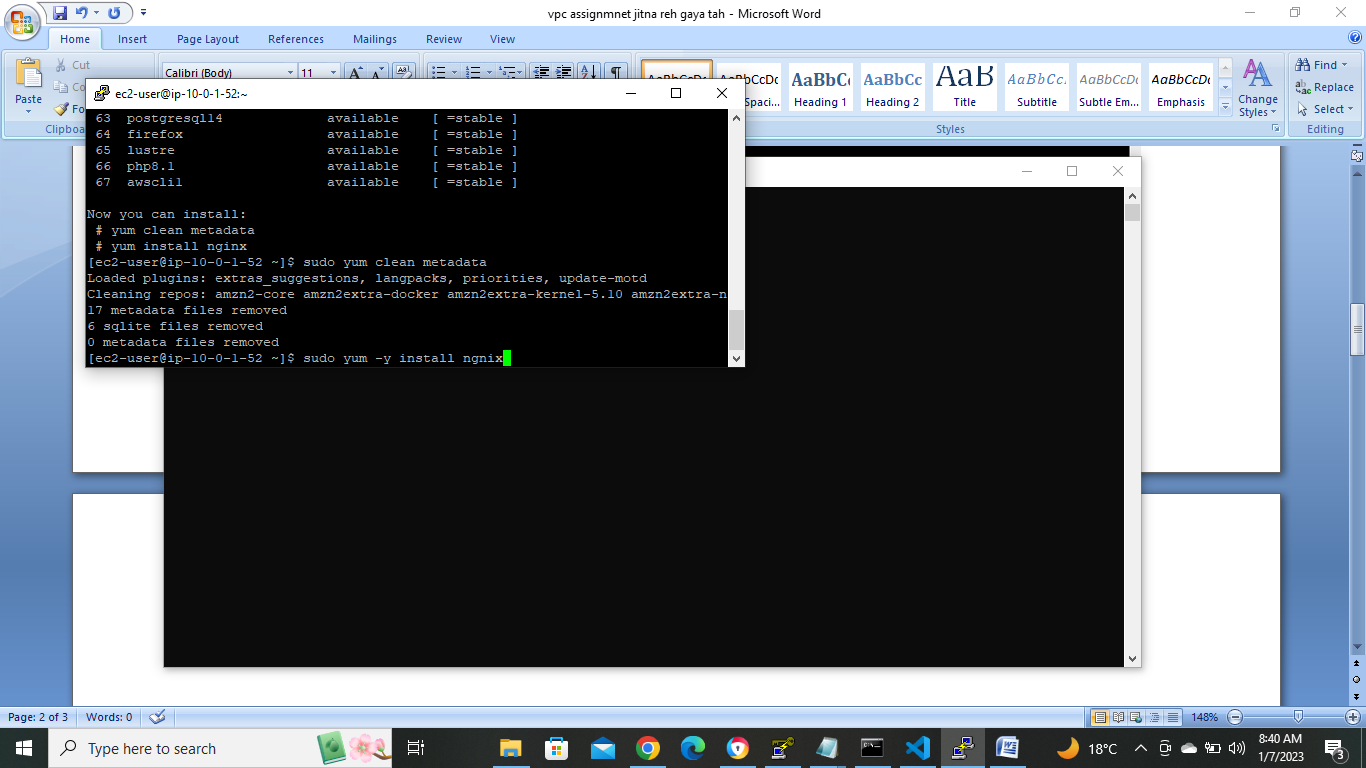


Launch Private Server in private subnet, and configure its security group according to the requirement

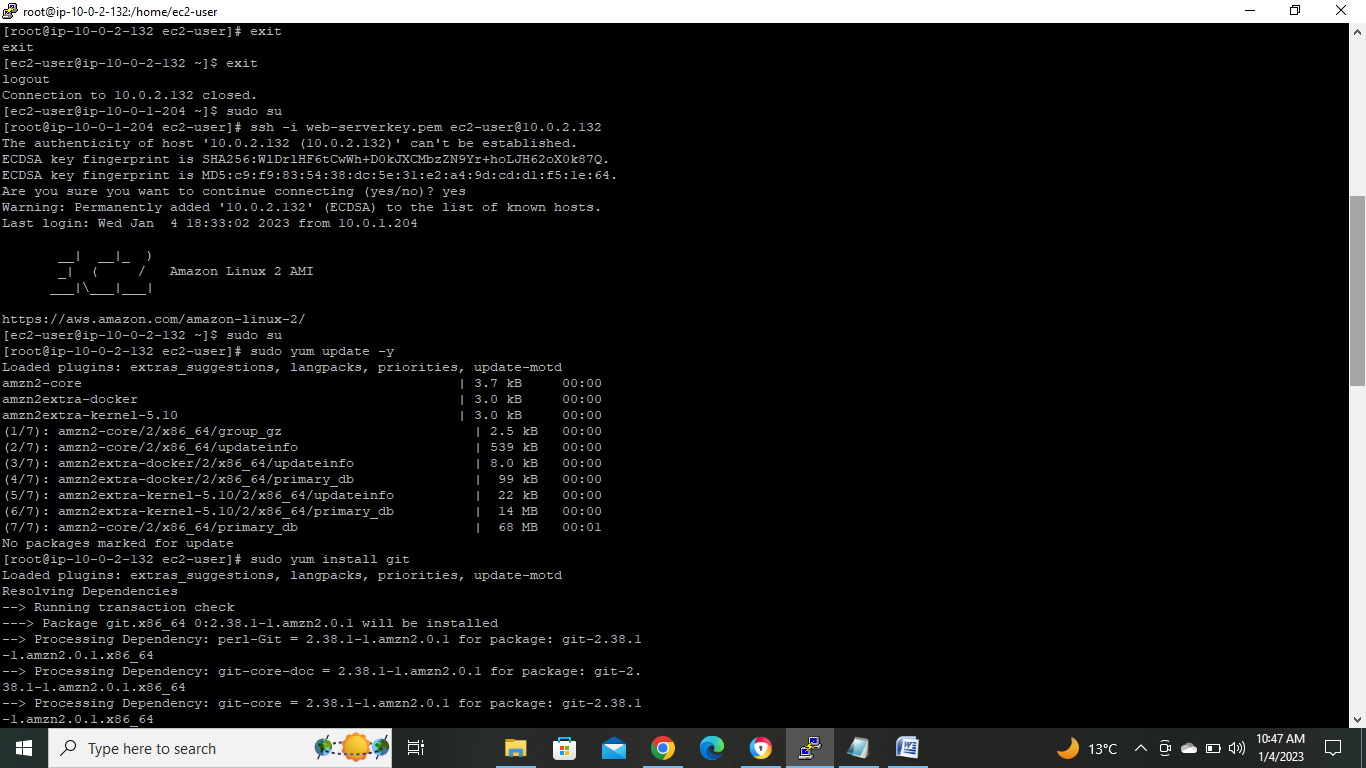




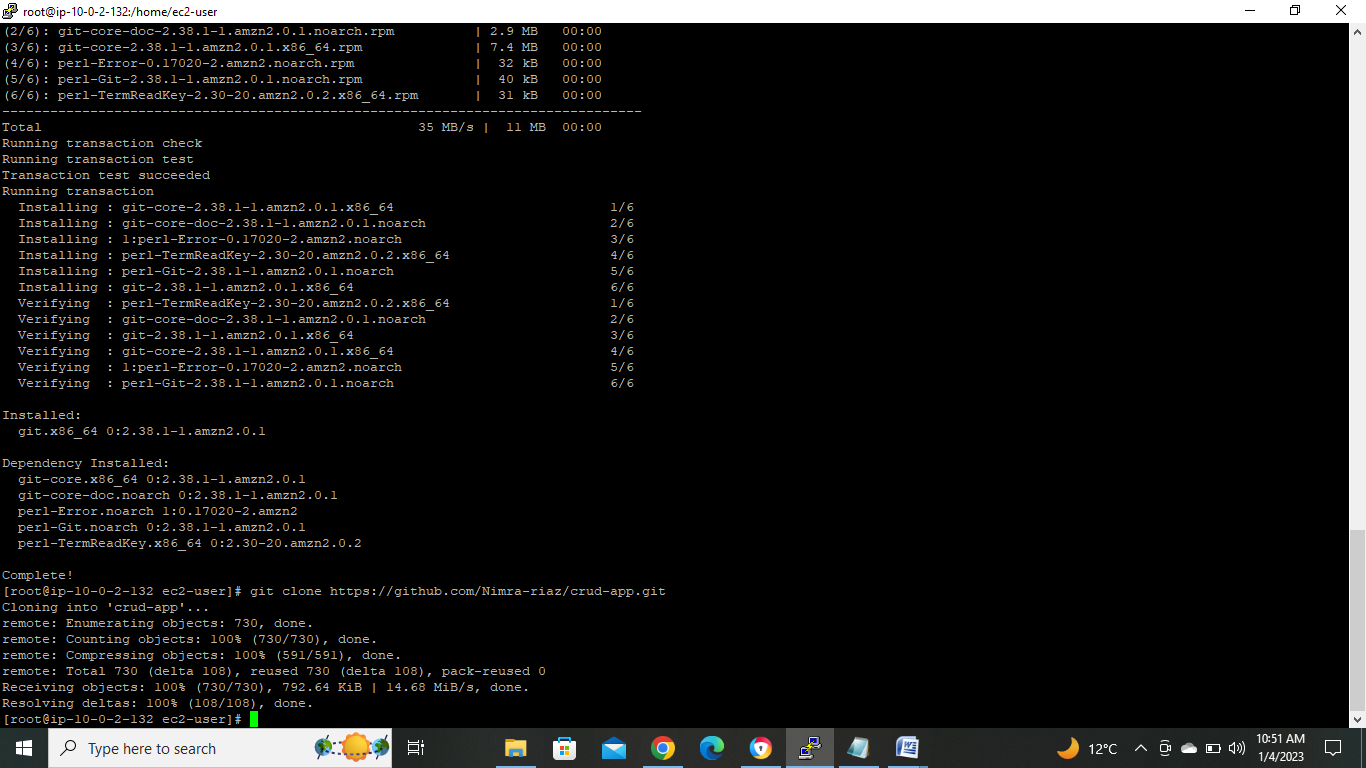
Installing Ngnix in Public server, to make it a Reverse proxy for our private server and configure server setting to make it listen to port 80 and pass proxy to localhost port 3002



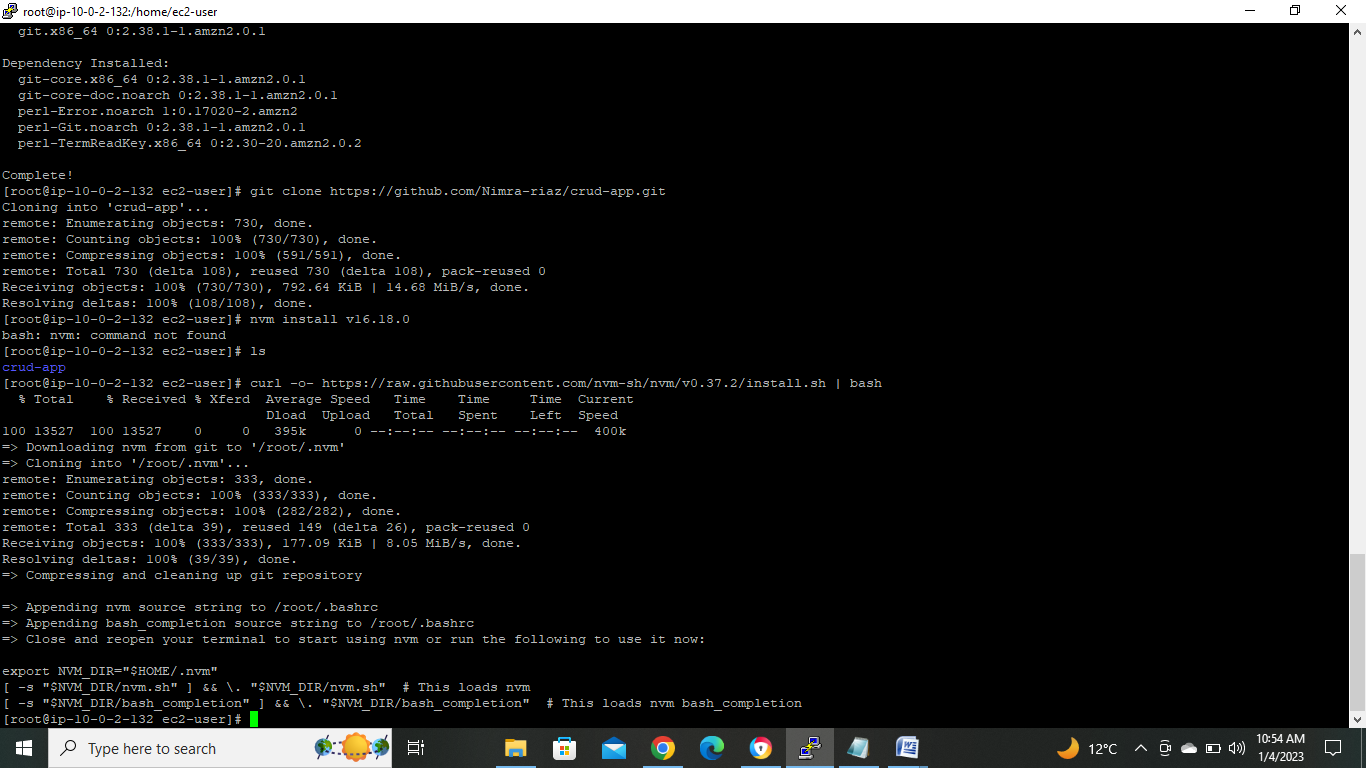
Now SSH to private server via public server using private Key, also check if Nat gateway os working or not using sudo yum update



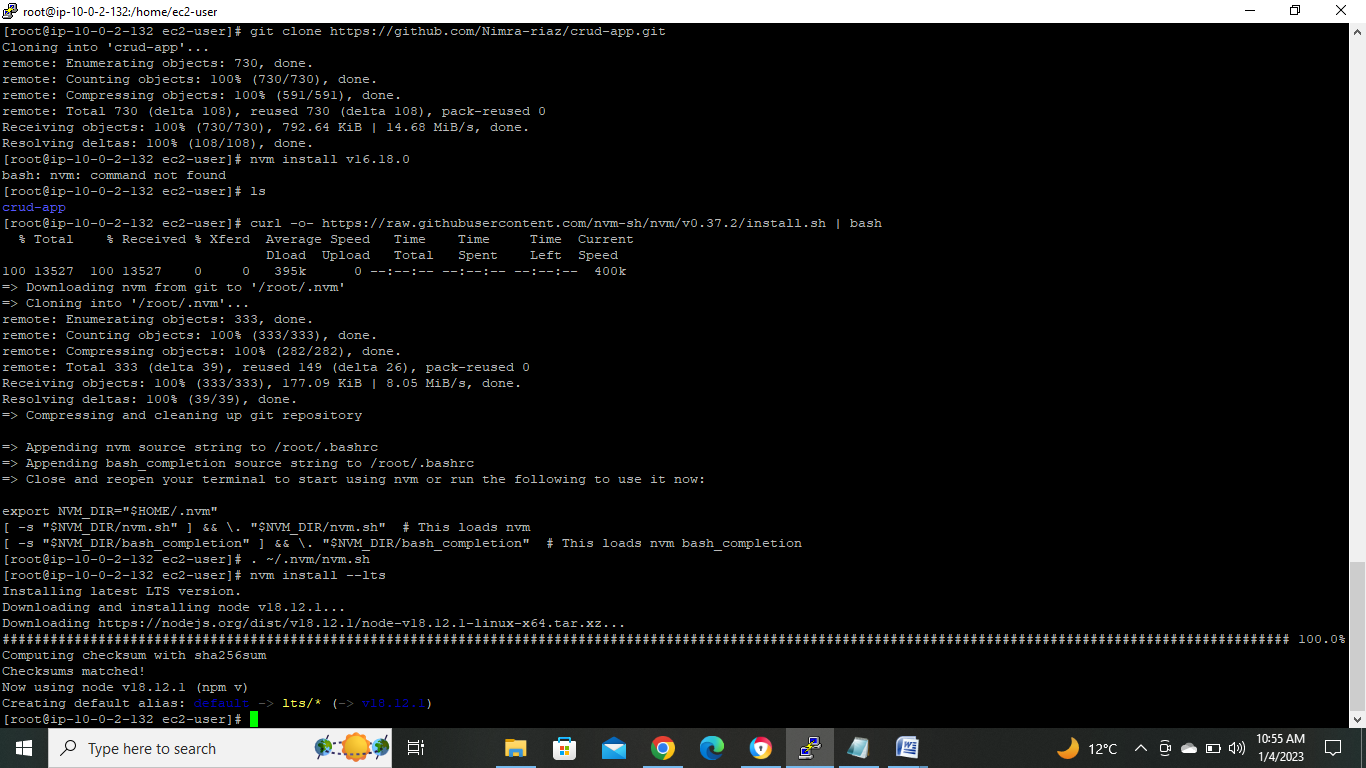
Install Git

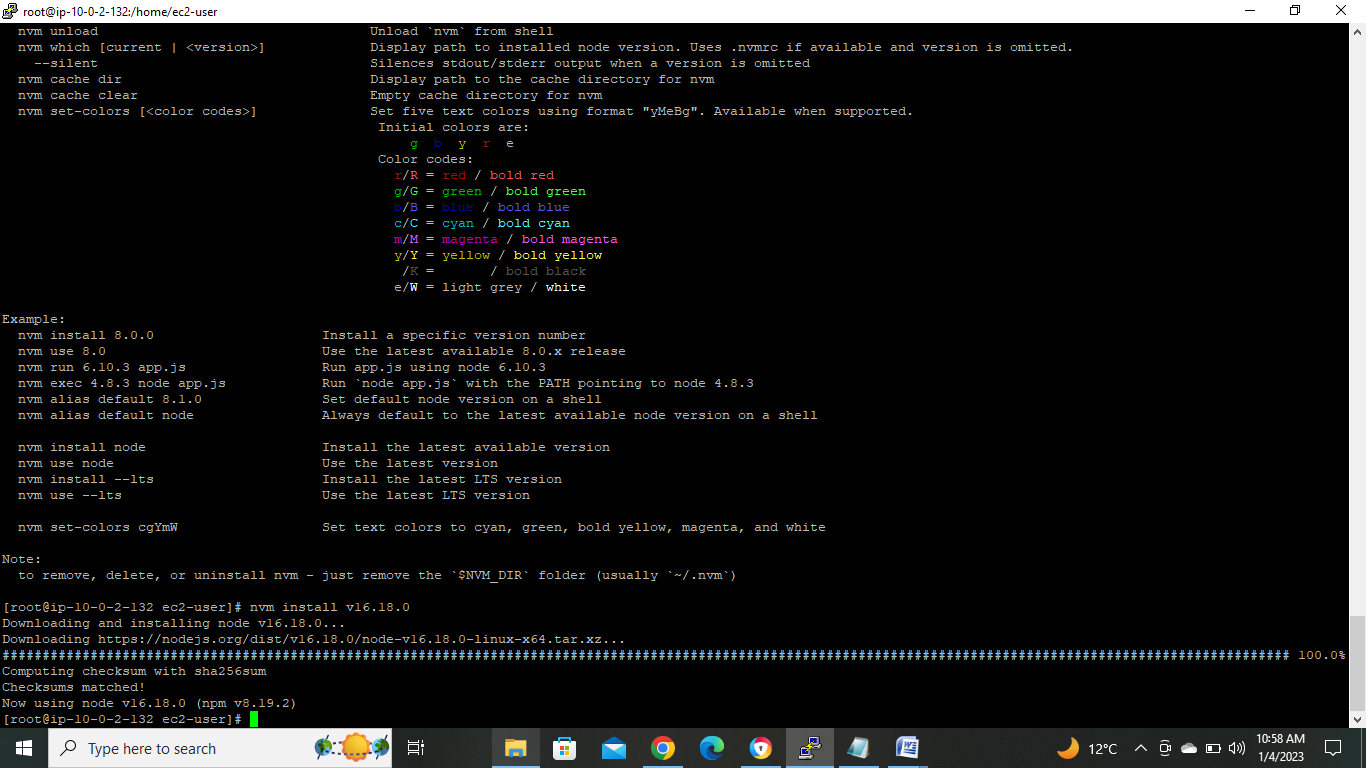


Clone Git Repo



Install Node and different packages:





Node js Crud app is running:

