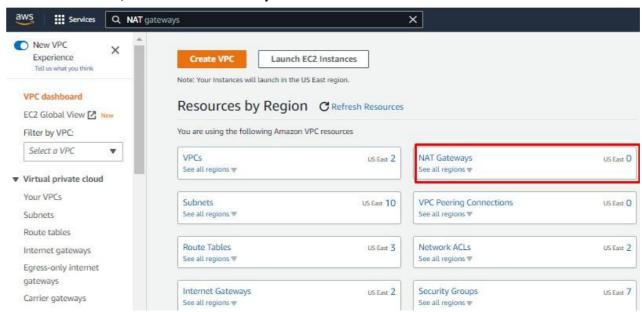
Demo Document 2

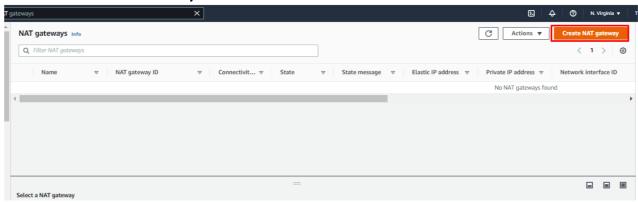
Access Internet Inside Private Subnet Using NAT Gateway

Step 1: Create a Nat Gateway

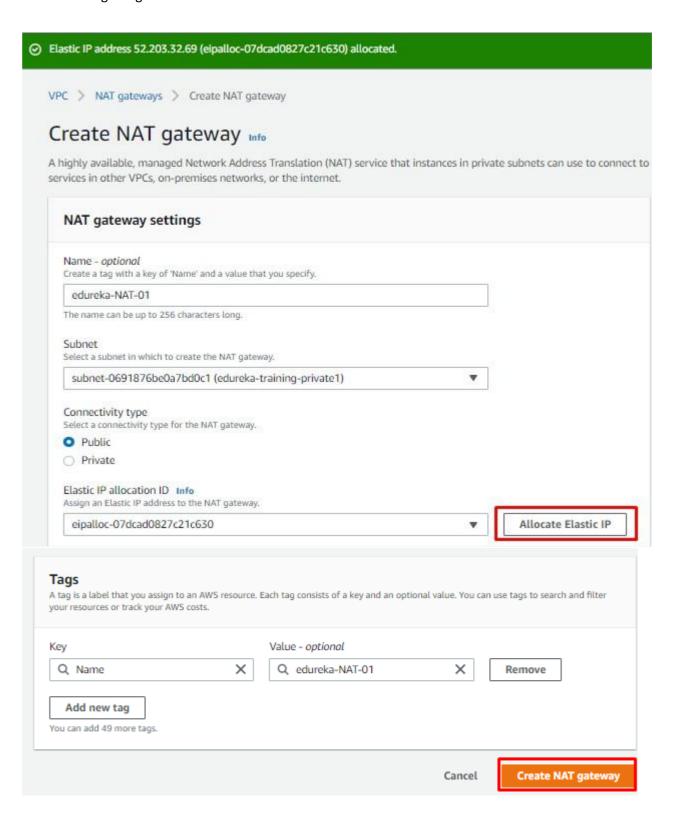
• In VPC dashboard, click on NAT Gateways



Click on Create NAT Gateway

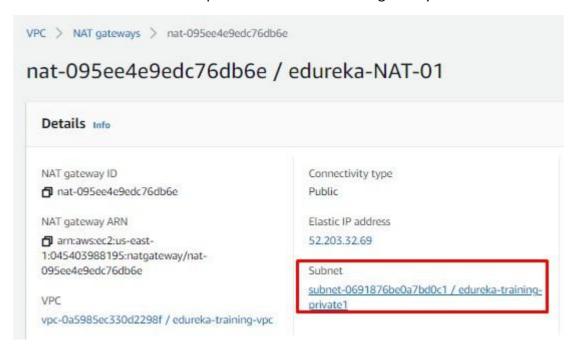


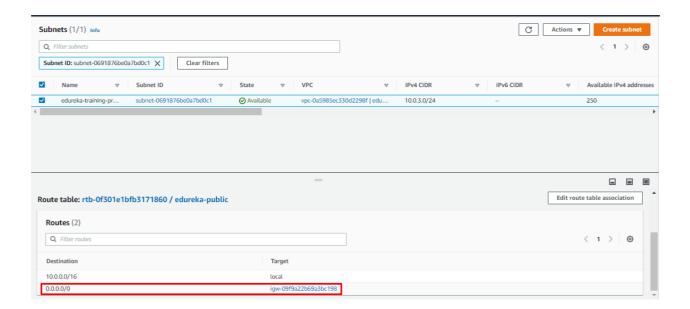
- Choose the private subnet that you wish to have as the internet connectivity
- Create an elastic IP if you don't have any or allocate the elastic IP if you already have any



Step 2: Update your private route table

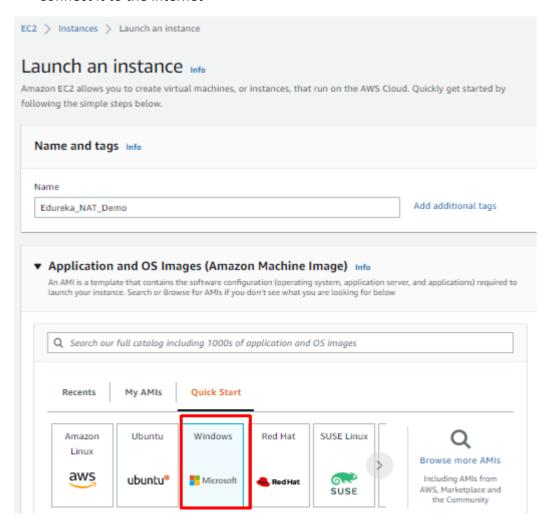
Route all the traffic in the private subnet to the NAT gateway

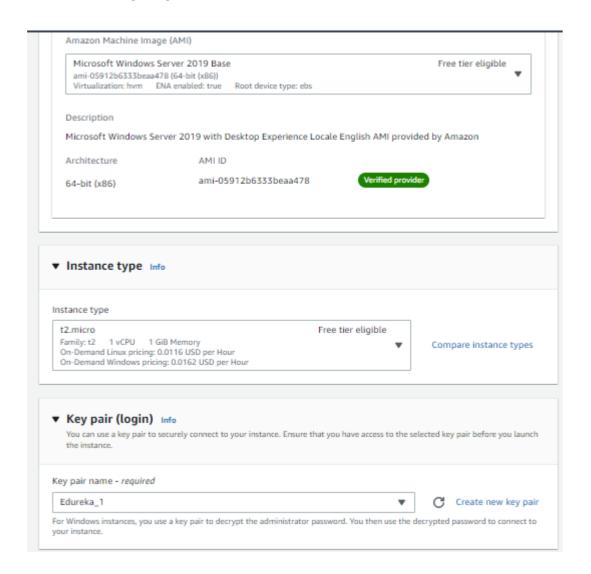


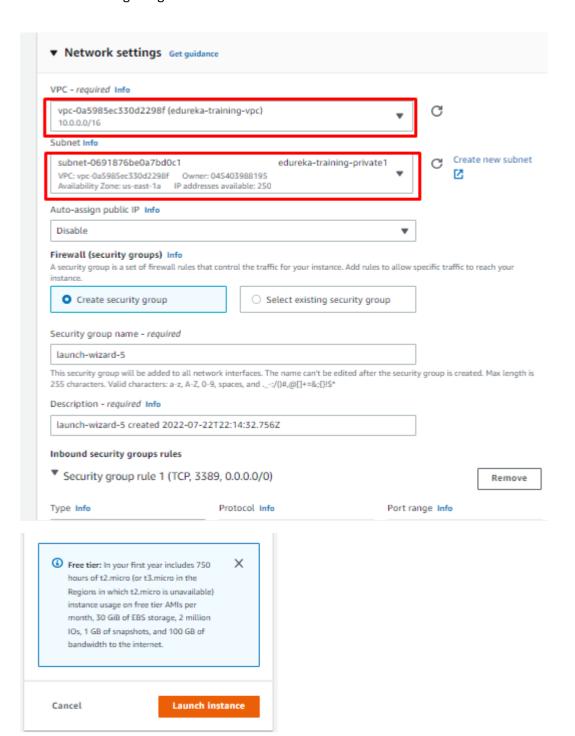


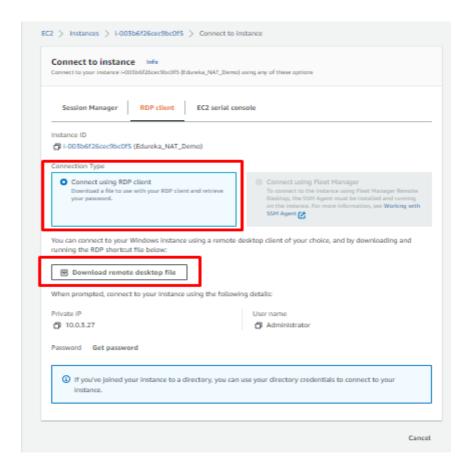
Step 3: Create and connect a windows instance in the private subnet to the internet

- Create a windows instance
- Connect to it through the desktop manager
- Connect it to the internet









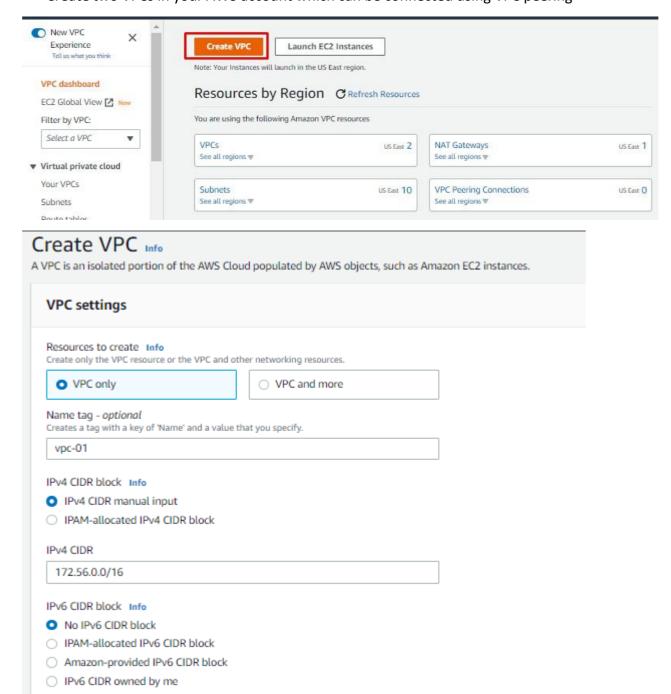
Conclusion: We have successfully accessed Internet Inside Private Subnet Using NAT Gateway

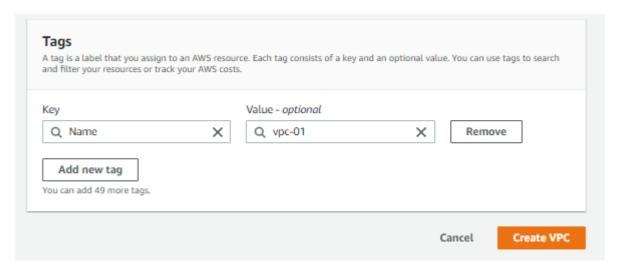
Demo Document 3

Using VPC Peering to Communicate between Two Instances

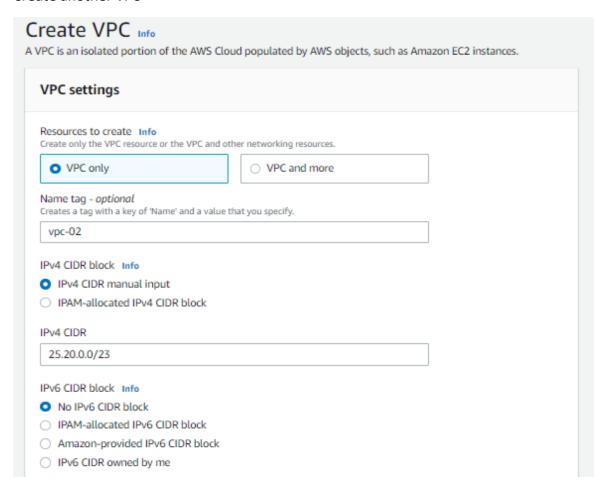
Step 1: Create two VPCs in your AWS Account

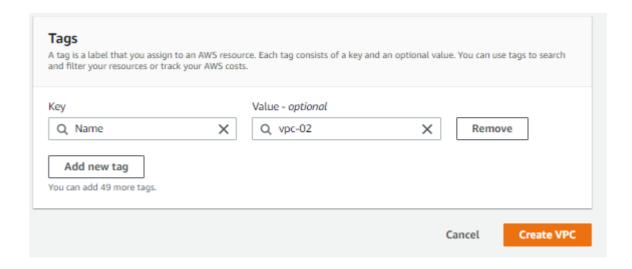
• Create two VPCs in your AWS account which can be connected using VPC peering





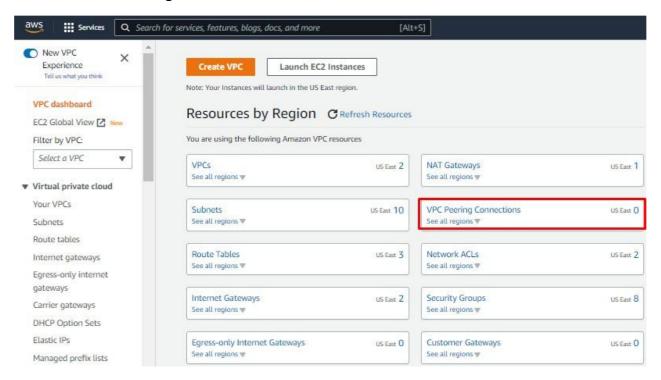
Create another VPC



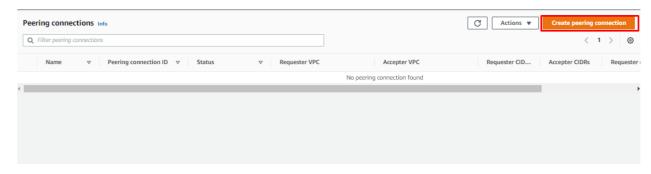


Step 2: Create a VPC Peering

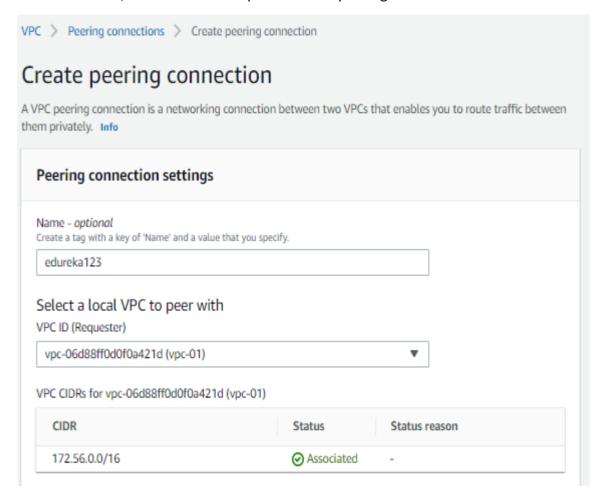
- In your VPC dashboard, select the Peering Connection
- Click on VPC Peering Connection



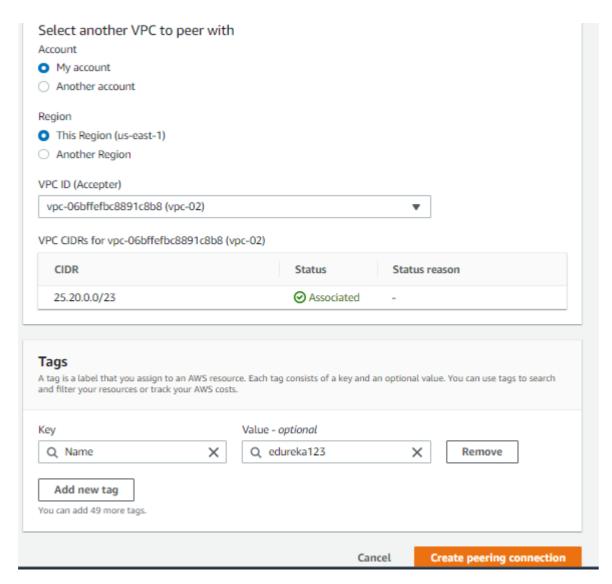
Click on Create peering connection



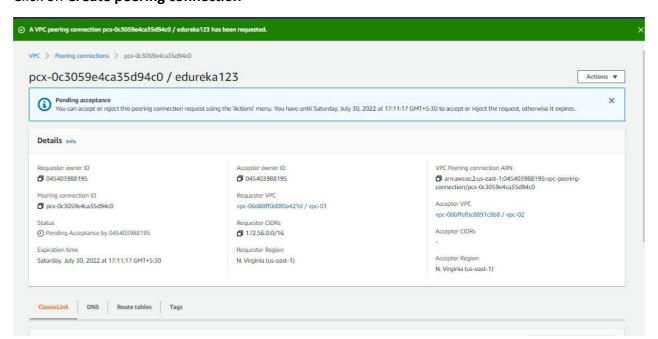
- Give the name for the peering
- Select a VPC, which acts as a requester of the peering connection



- Select another VPC to peer with
- Select My Account, in accounts and the region where you have created the VPC

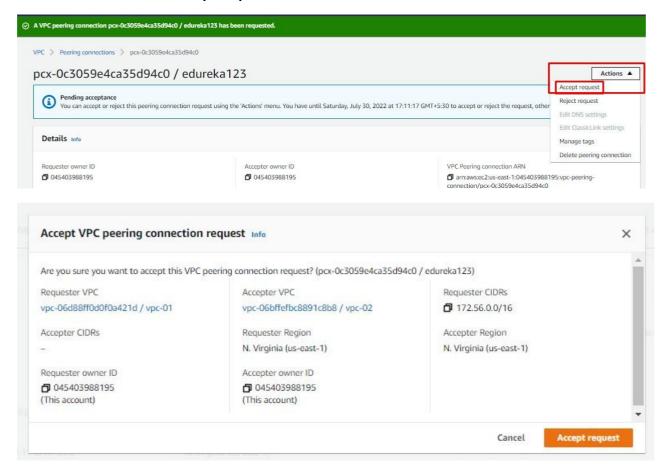


Click on Create peering connection

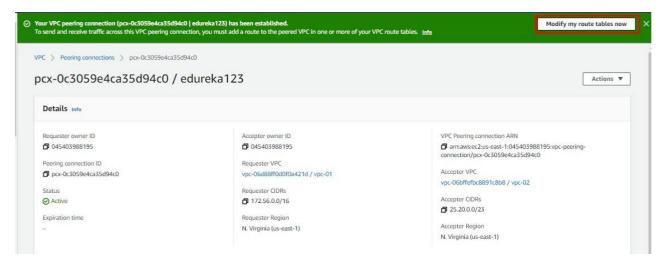


Our VPC peering has been created

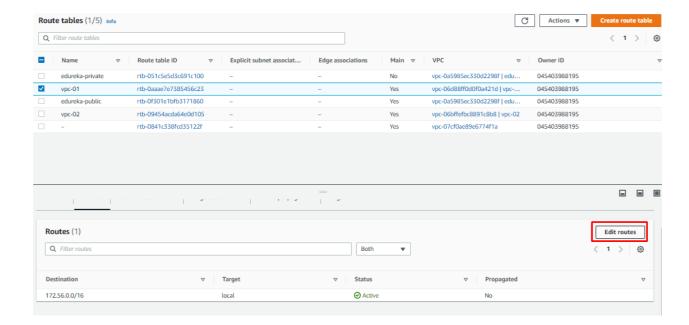
Now click on Actions -> Accept request



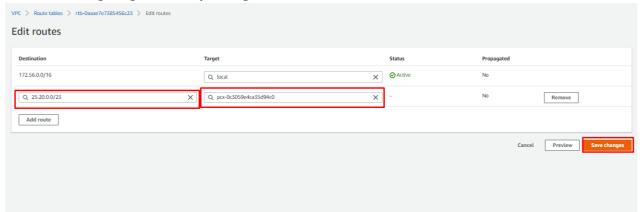
Step 3: Update the route table



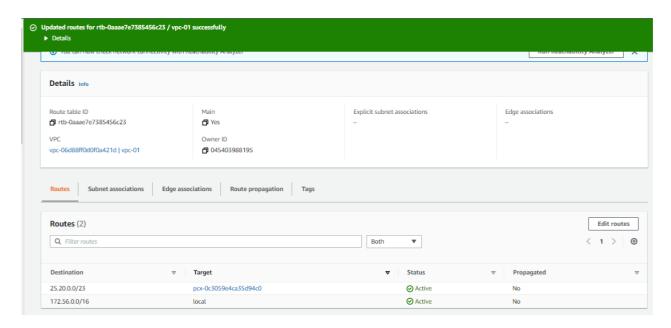
- Update the public and private route table in the first VPC
- Such that the traffic of the other VPC is always directed towards the VPC peering



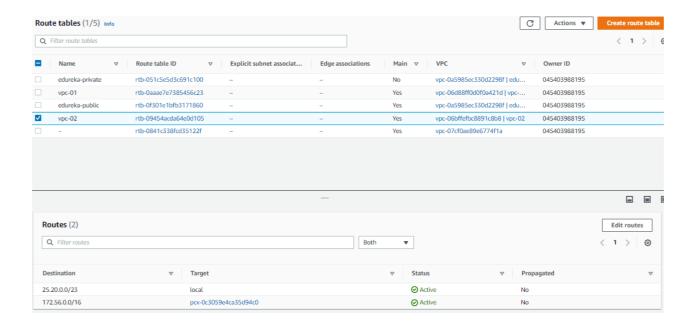
While selecting Target, select peering connection



Our route has been updated as shown below

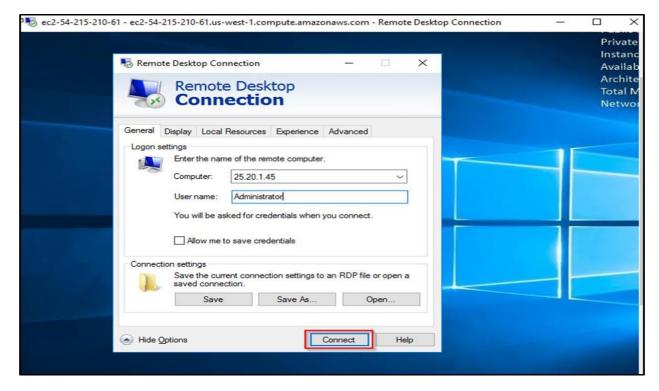


• Similarly, update the route tables of the another VPC

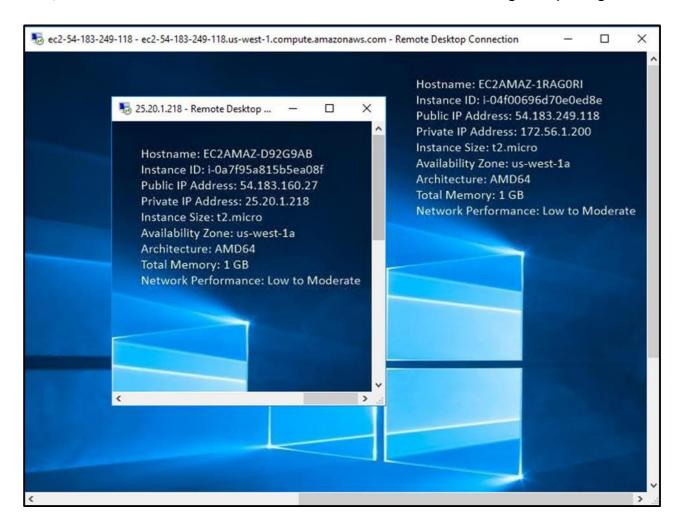


Step 4: Create a windows instance in each VPC

- Create a Windows instance in each VPC
- Connect a Windows instance in the first VPC to your localhost through Remote manager
- Once it gets connected, search for the remote manager in your Windows instance
- In computer, type the private IP of the windows instance in the other VPC
- Give the user name as the Administrator



- Give the password that was allotted to you while decrypting your .pem file
- Now, the instance in different VPCs can communicate with each other through VPC peering



Conclusion: We have successfully used VPC Peering to Communicate between Two Instances