

VPC PEERING

L. SAI DEEPTHI

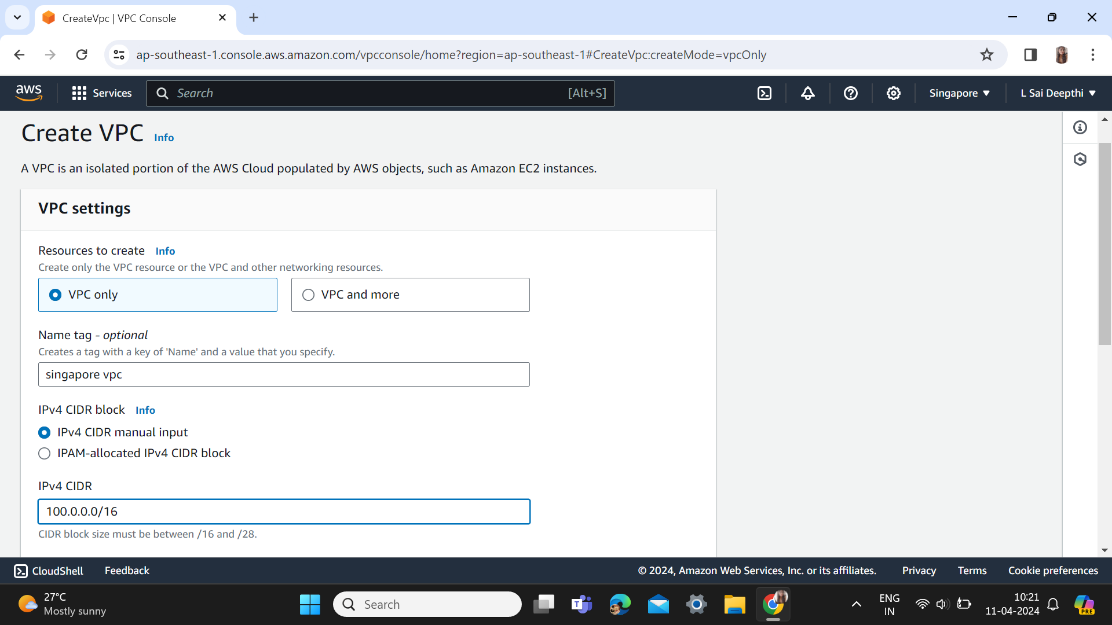
[saideepthilanka6950@gmail.com](mailto:saideepthilanka6950@gmail.com)

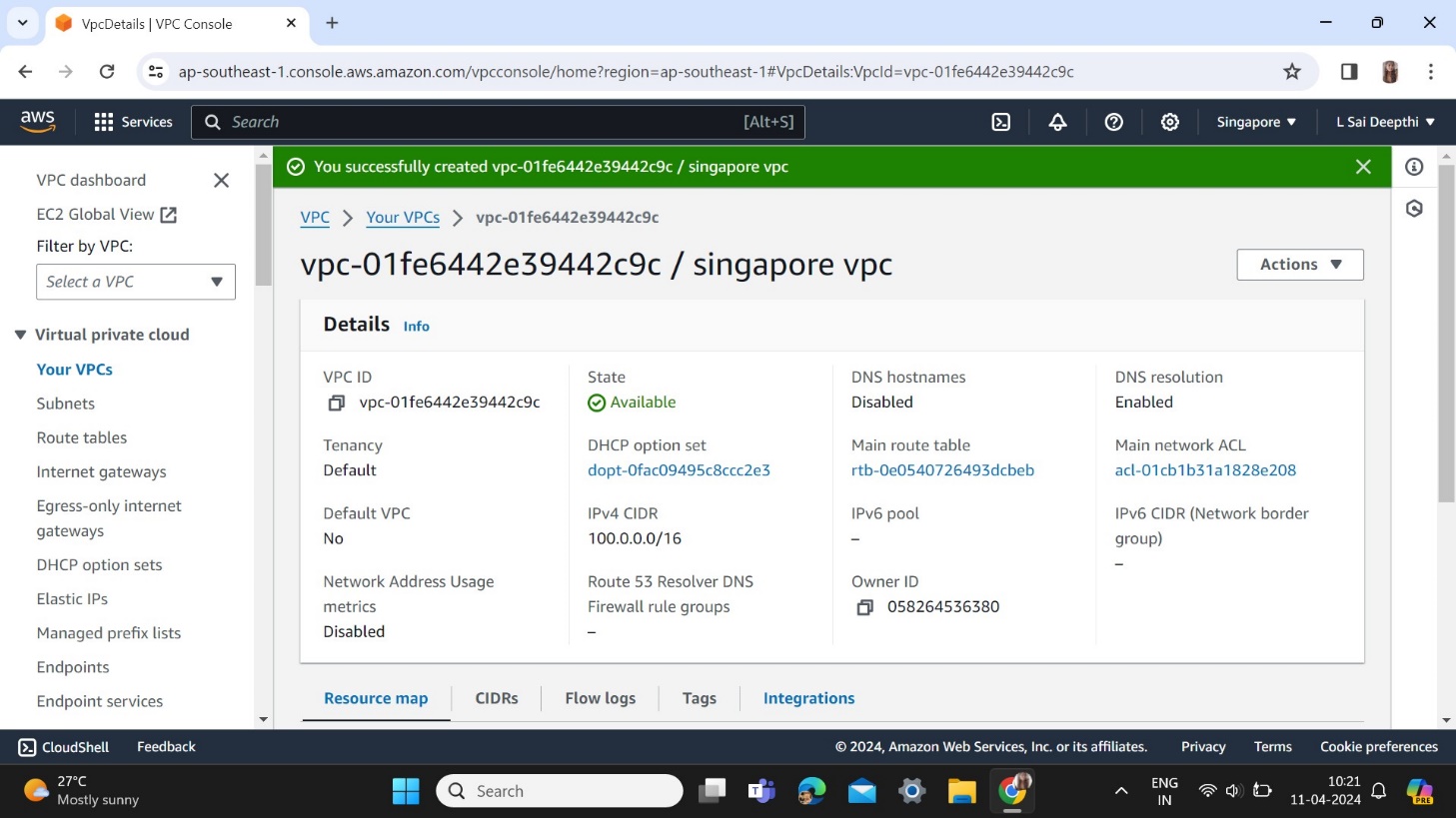
Batch:122

Date:11/04/2024

Create two VPC’s in different regions and connect the two VPC’s

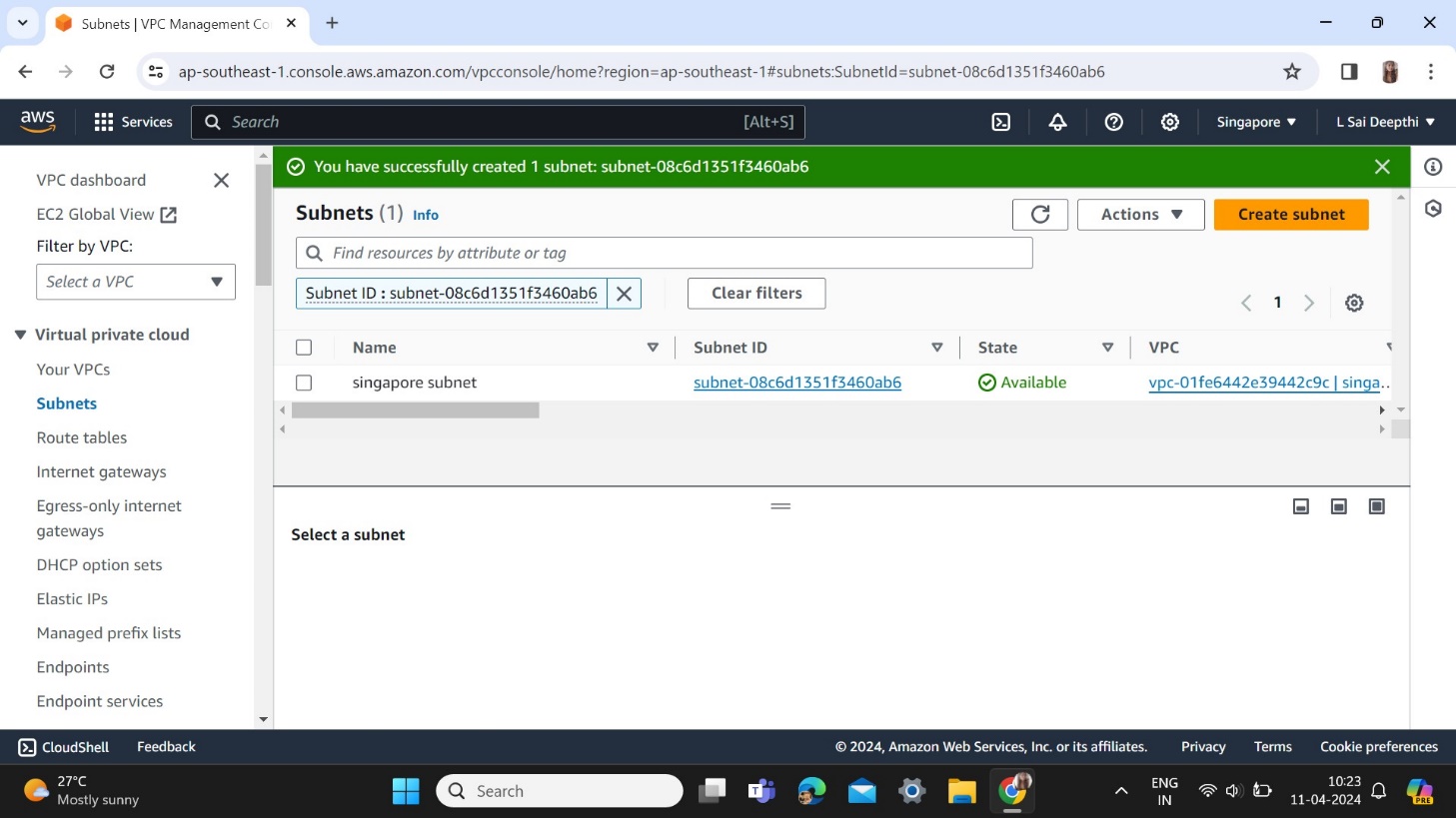
1. Open AWS console and first select one region as Singapore then create a VPC named as singapore vpc and IPv4 CIDR as 100.0.0.0/16.



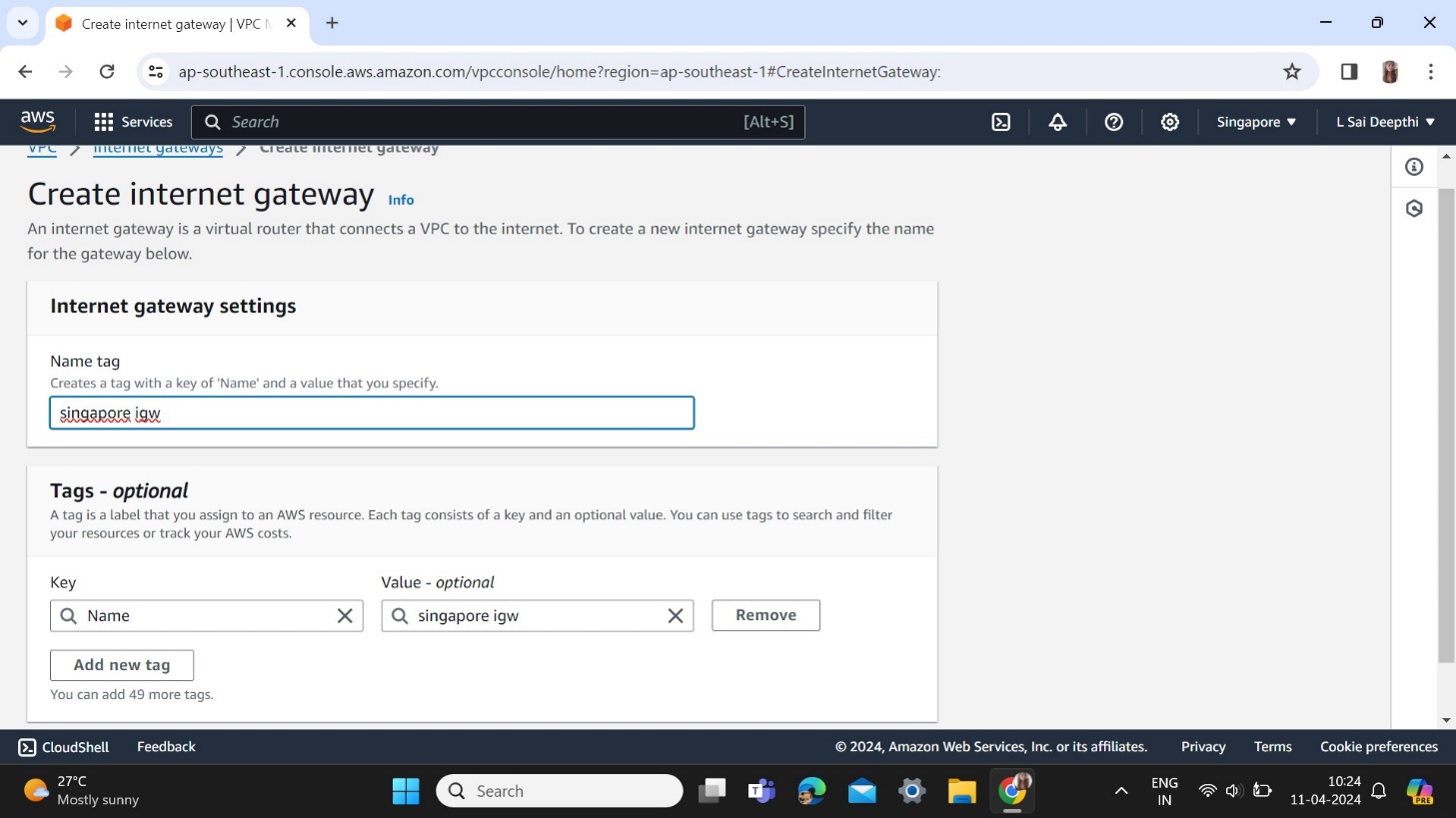


Create a subnet named as singapore subnet with CIDR 100.0.0.0/24.



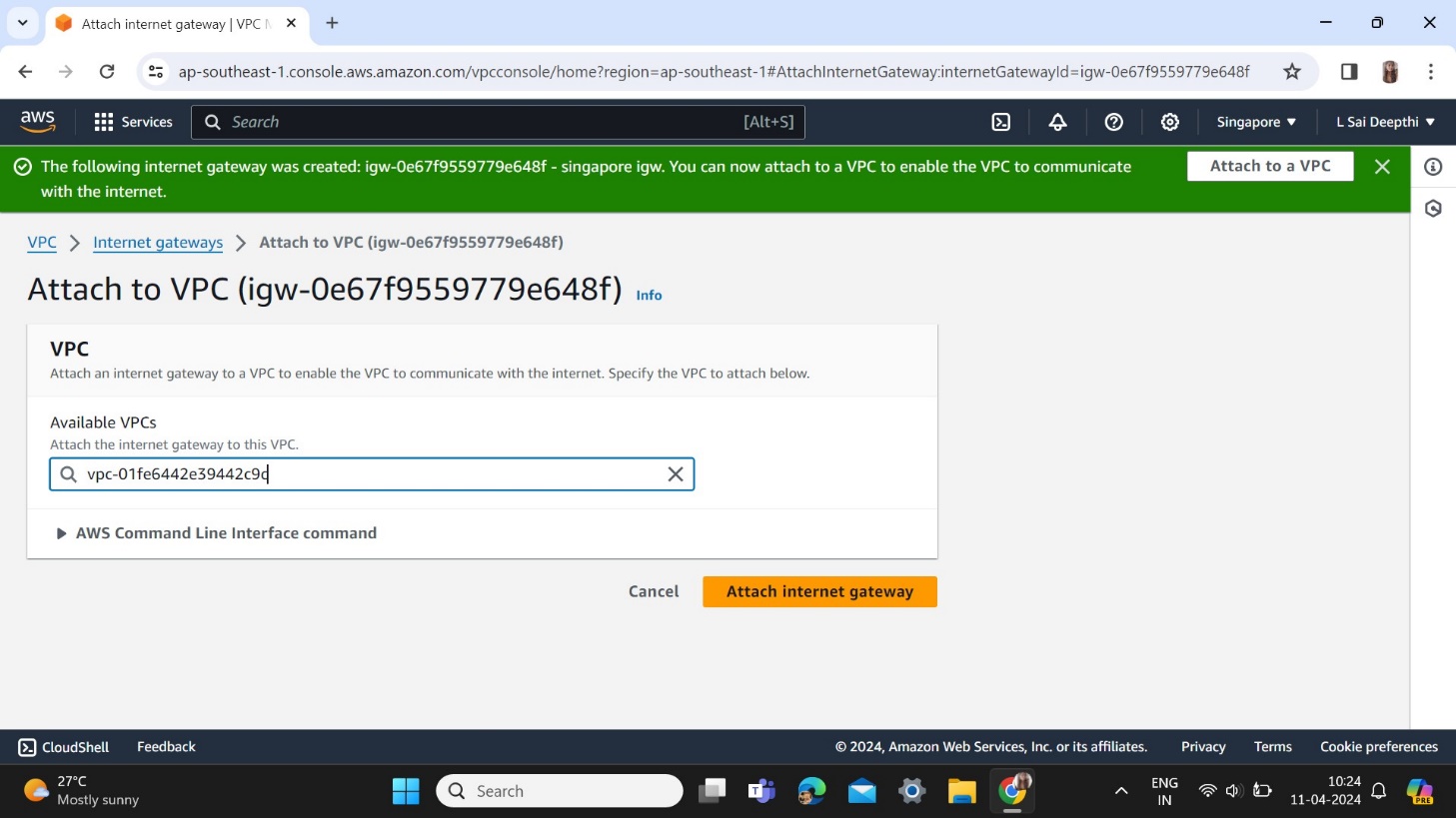


Create a internet gateway named as singapore igw



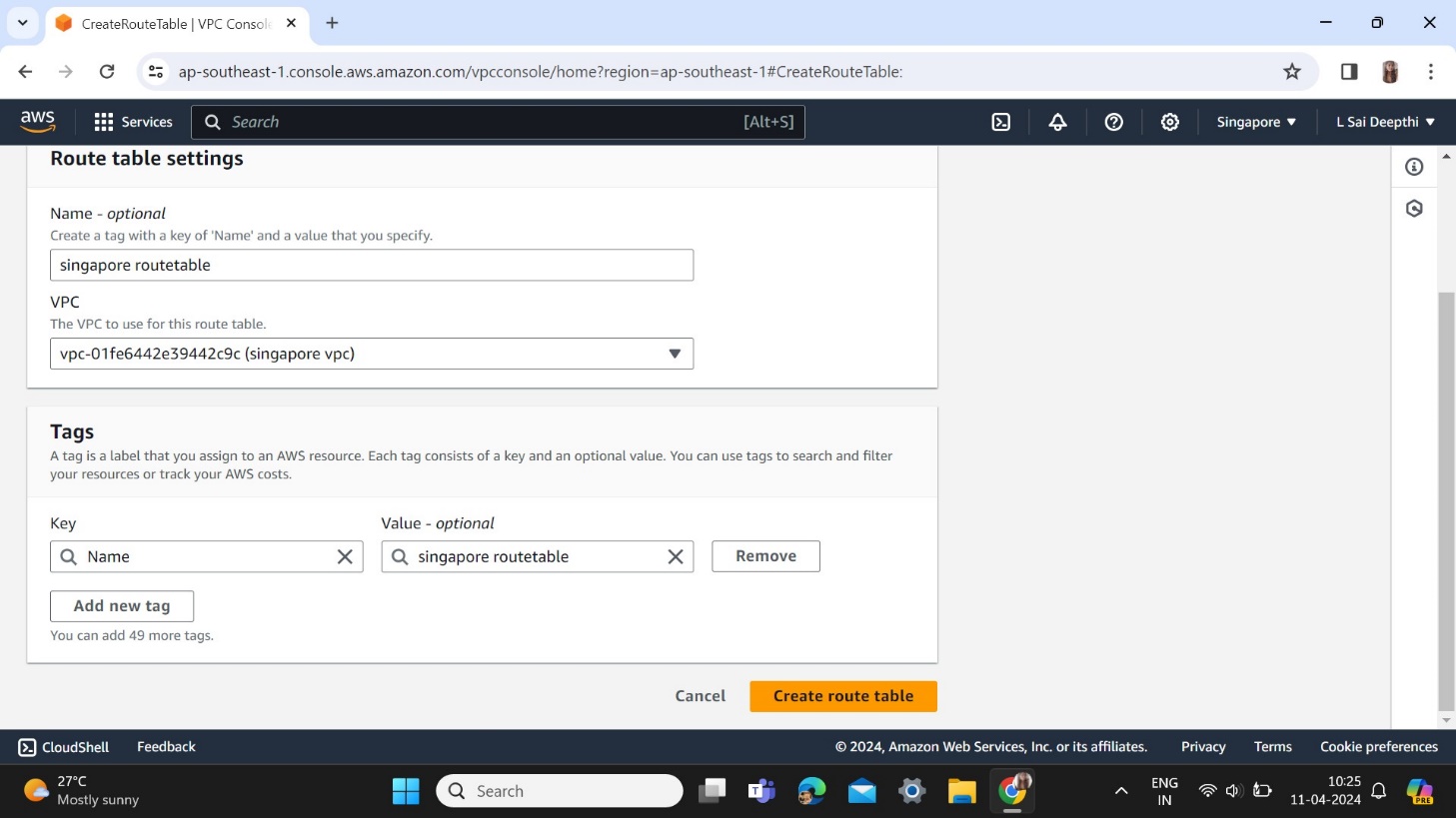


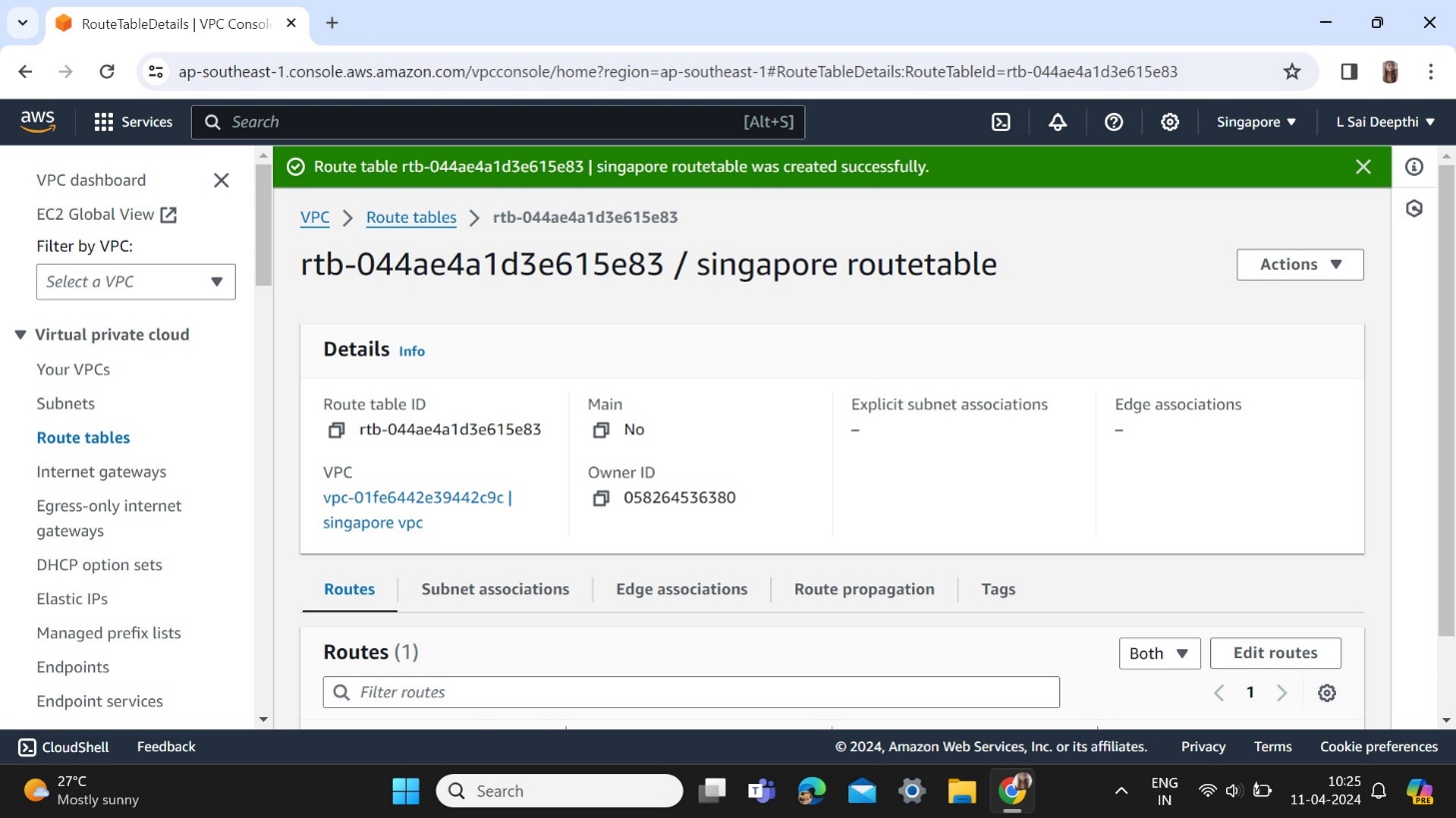
Attach to a VPC



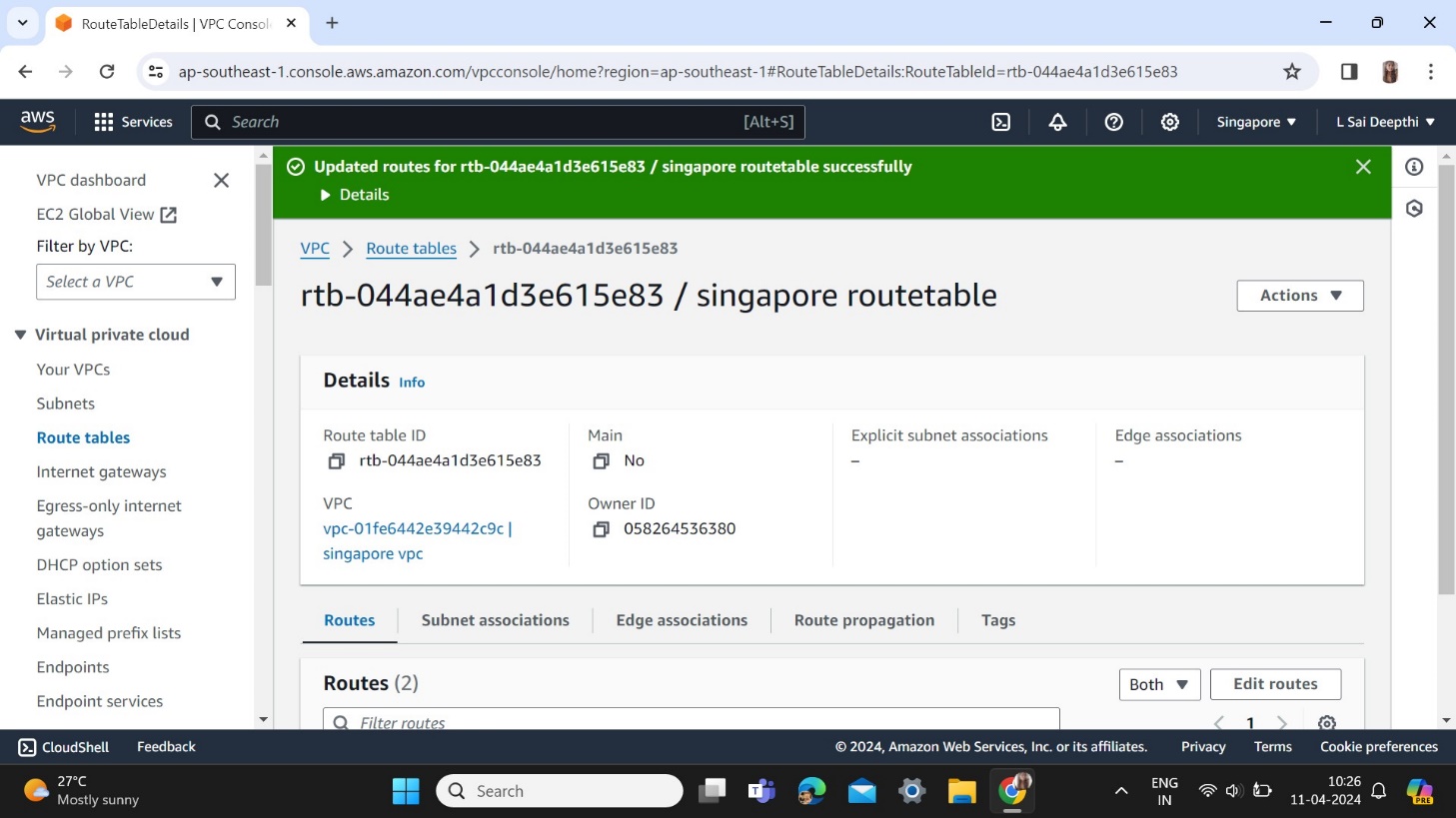


Create a Route Table as singapore routetable

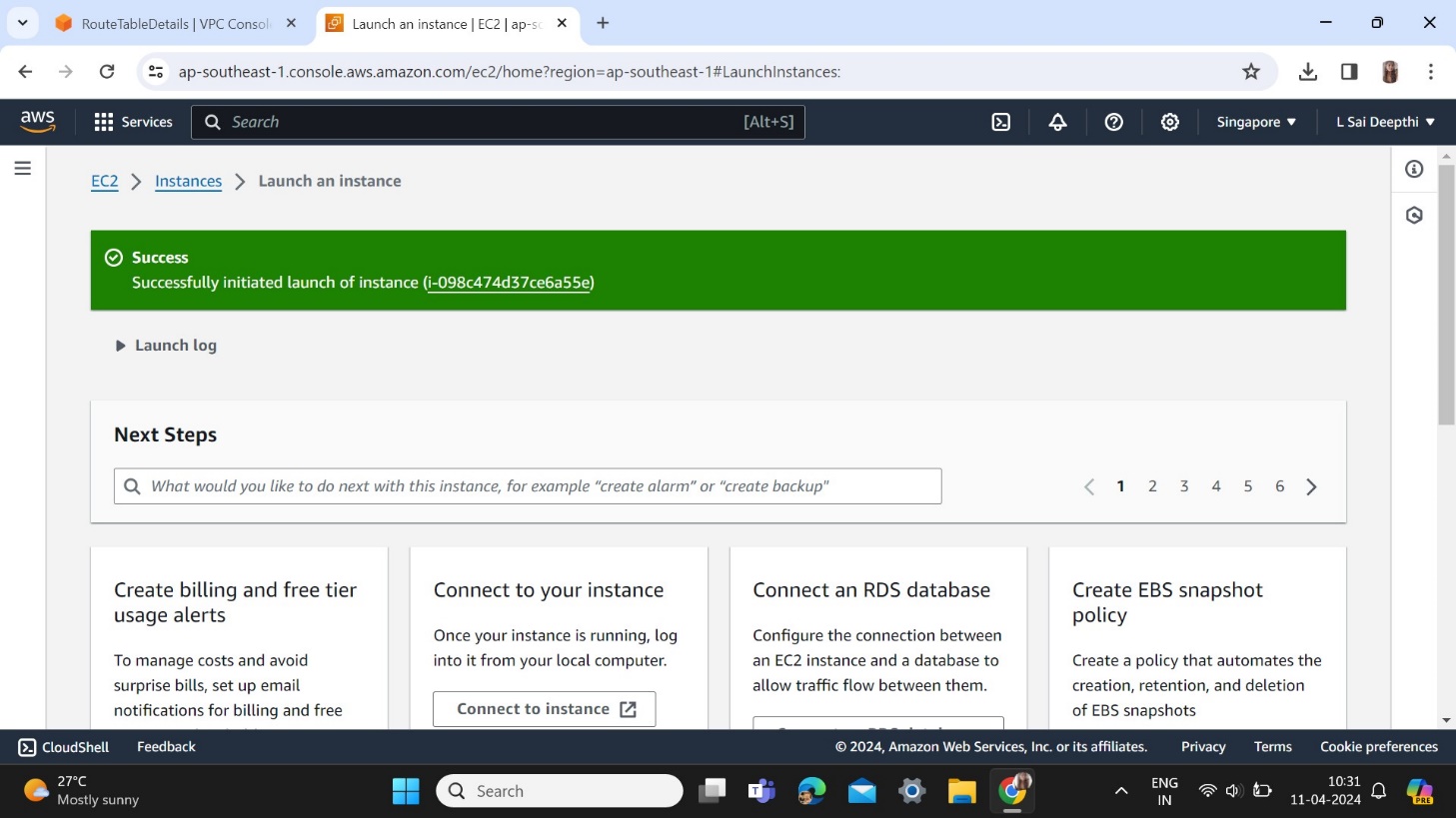




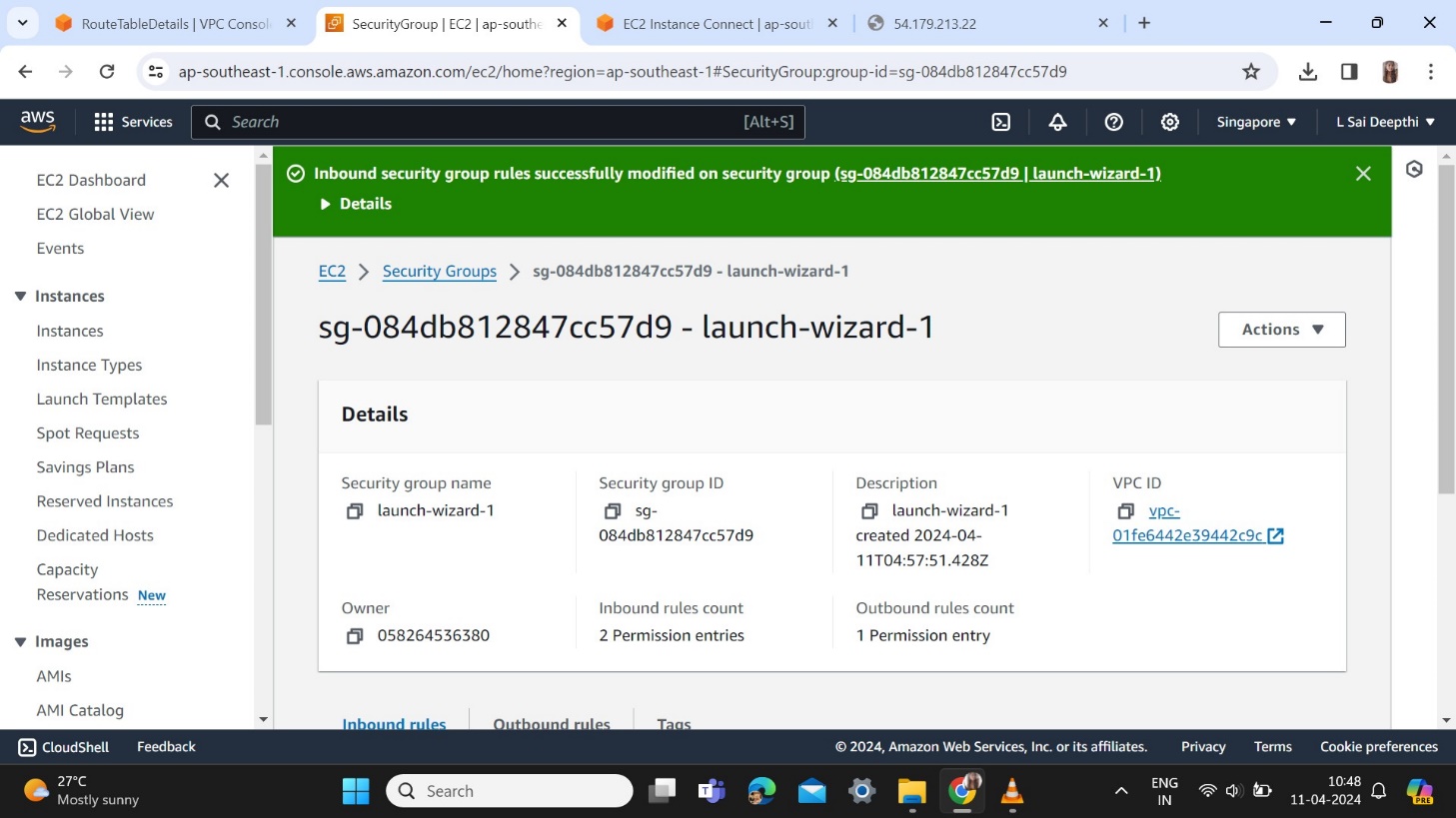
Edit routes keeping target as internet gateway



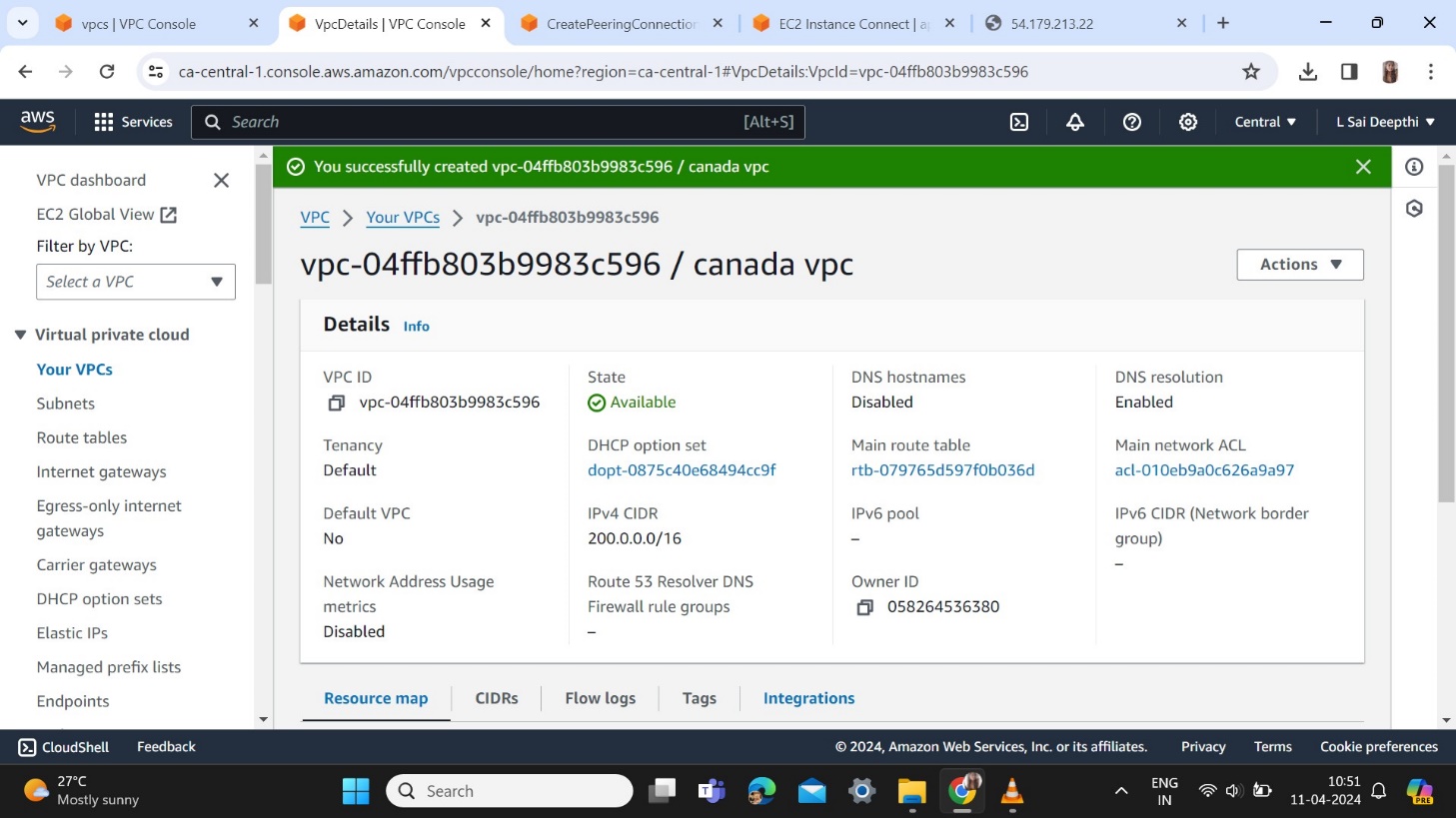
Create EC2 instance and add keypair and launch an instance



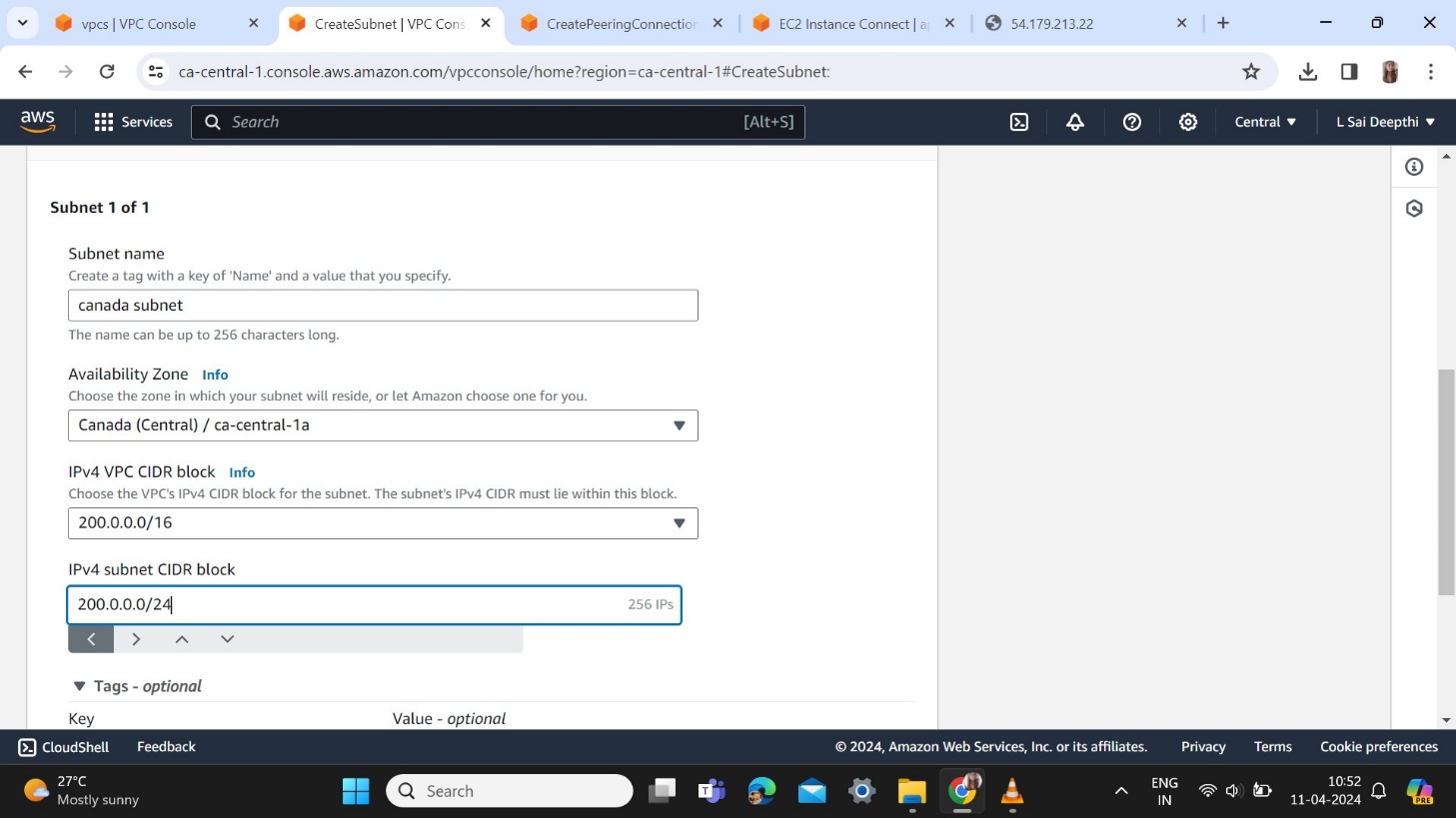
Edit inbound rules

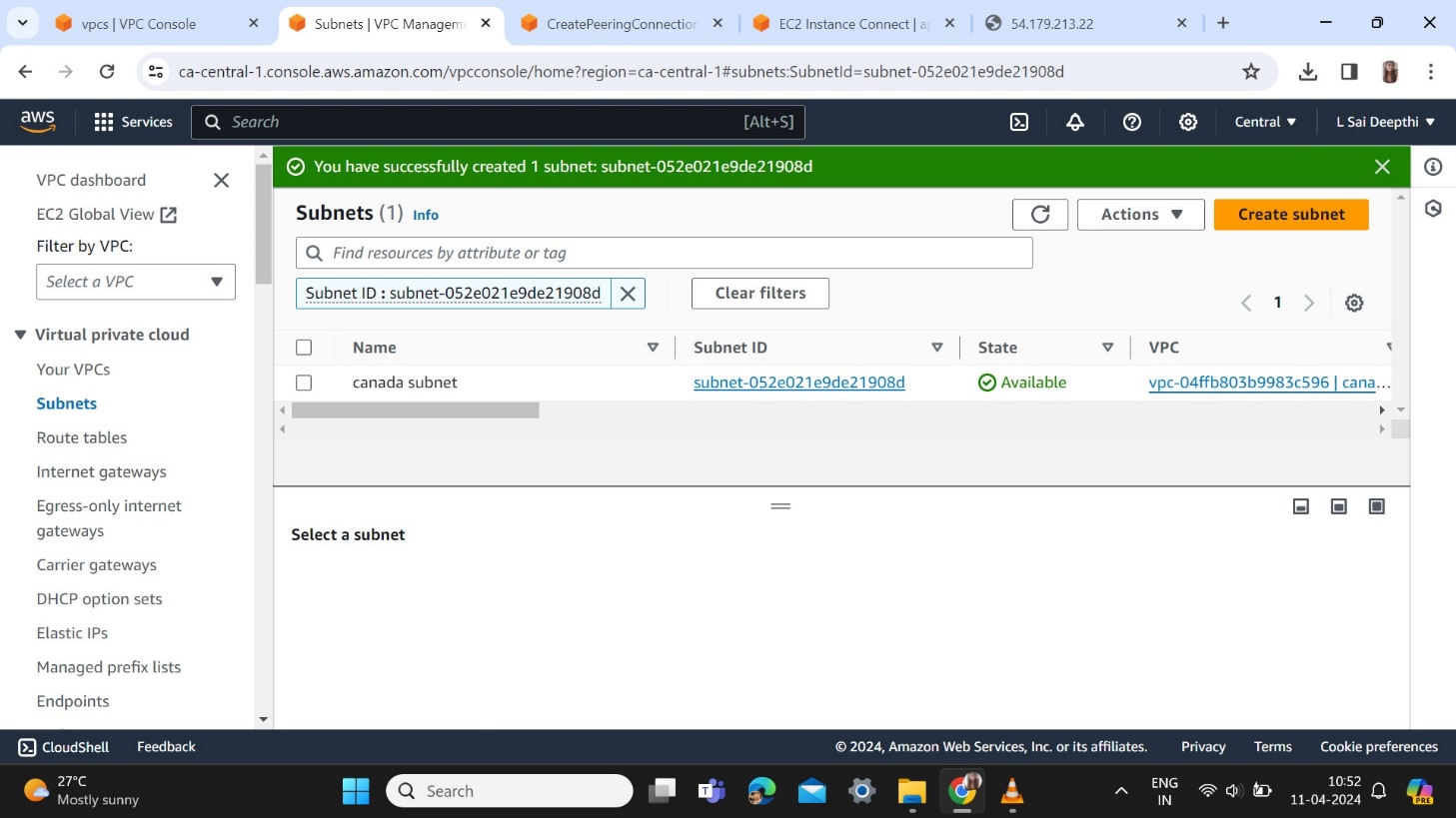


1. Create VPC in second region Central Canada named as canada vpc

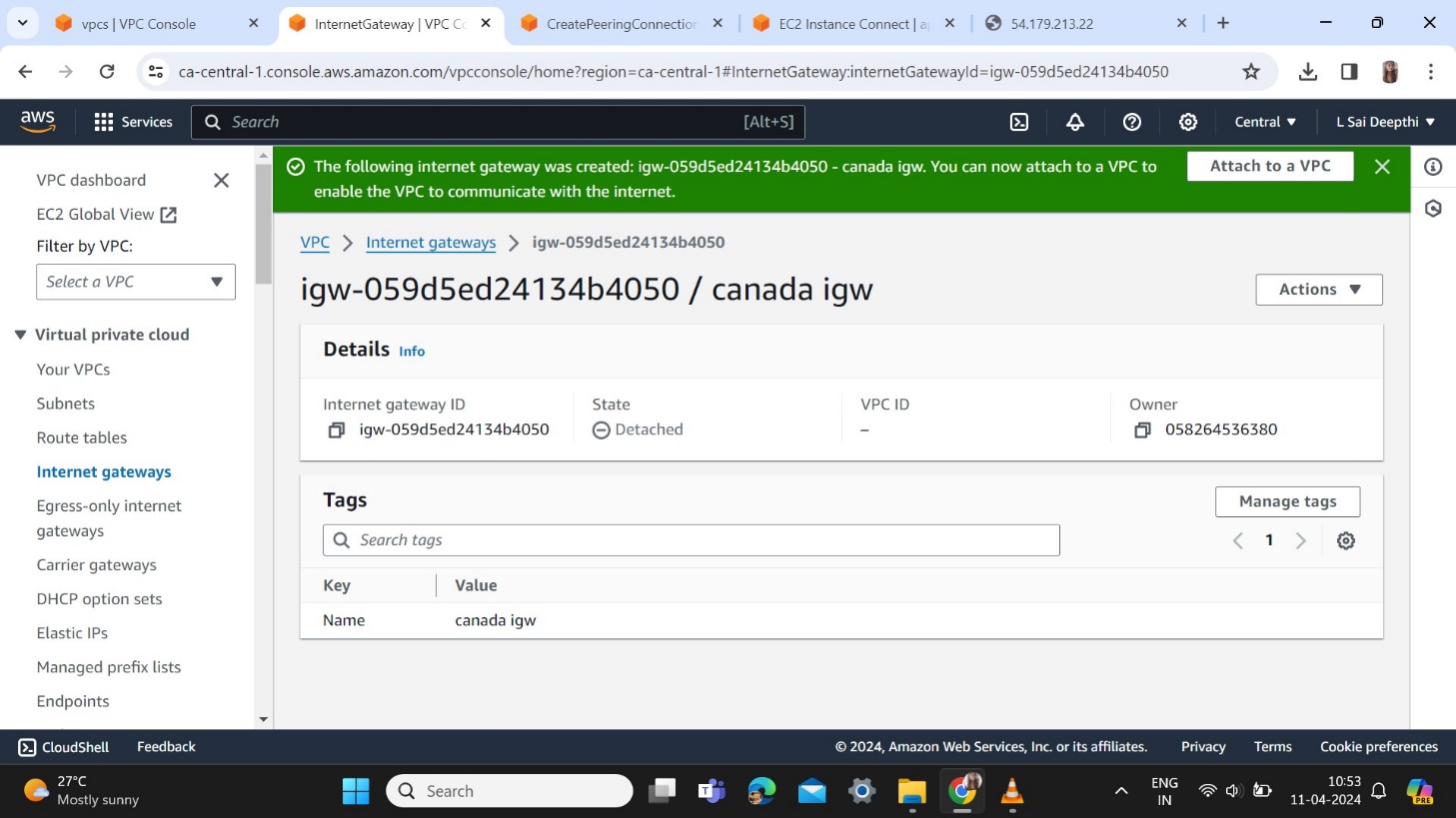


Create a subnet named as canada subnet

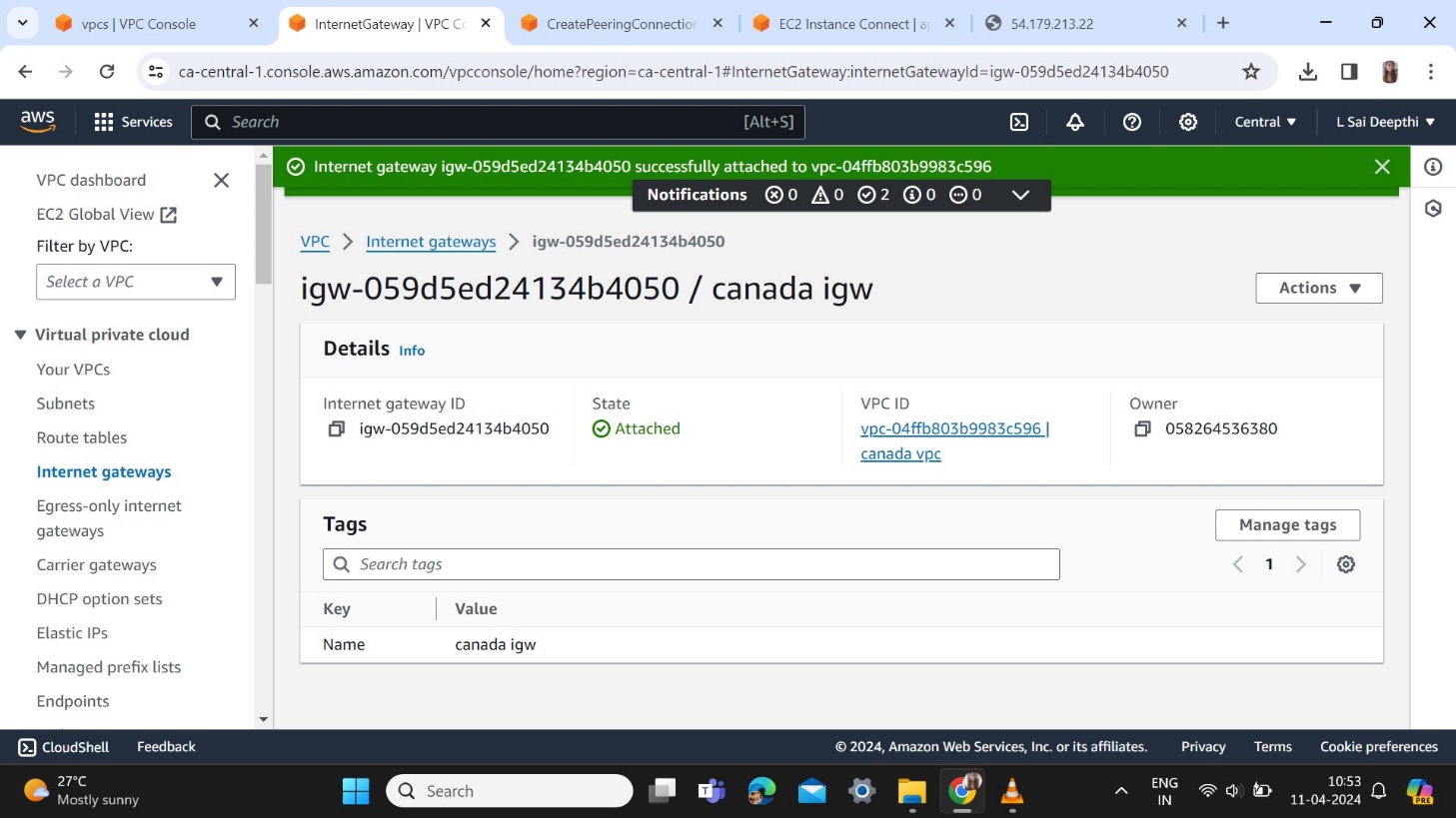




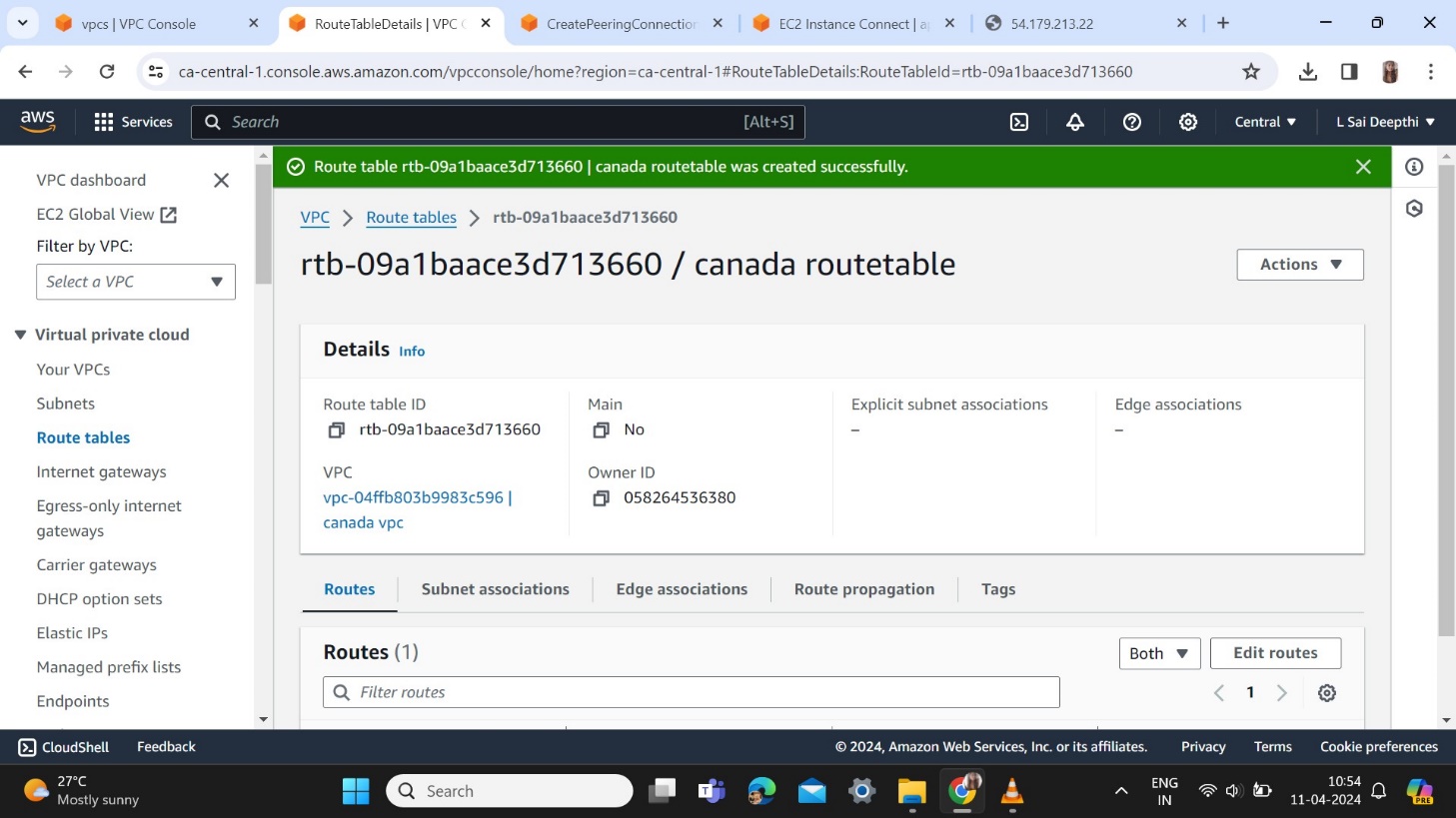
Create a Internet gateway named as canada igw



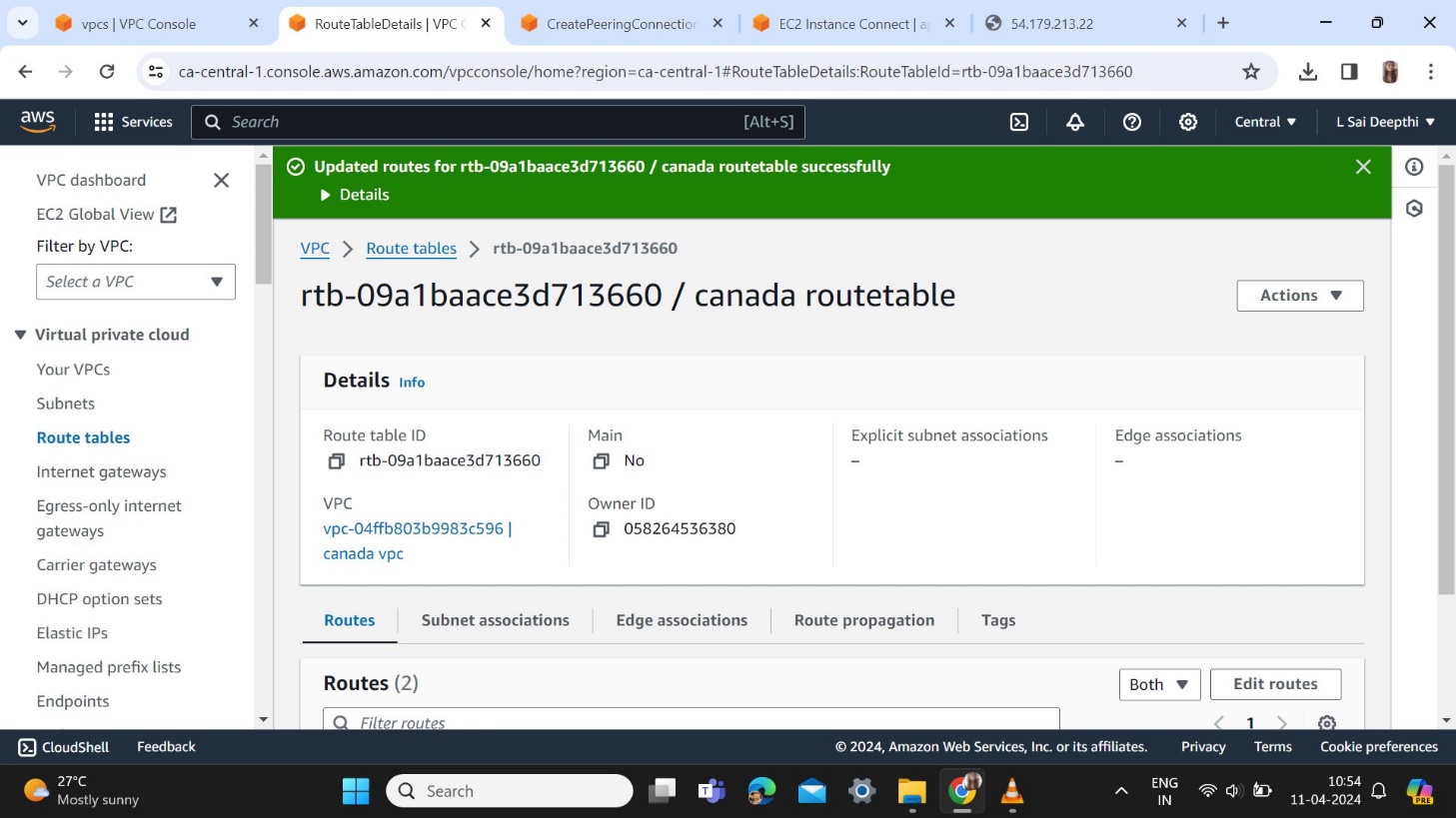
Attach to a VPC



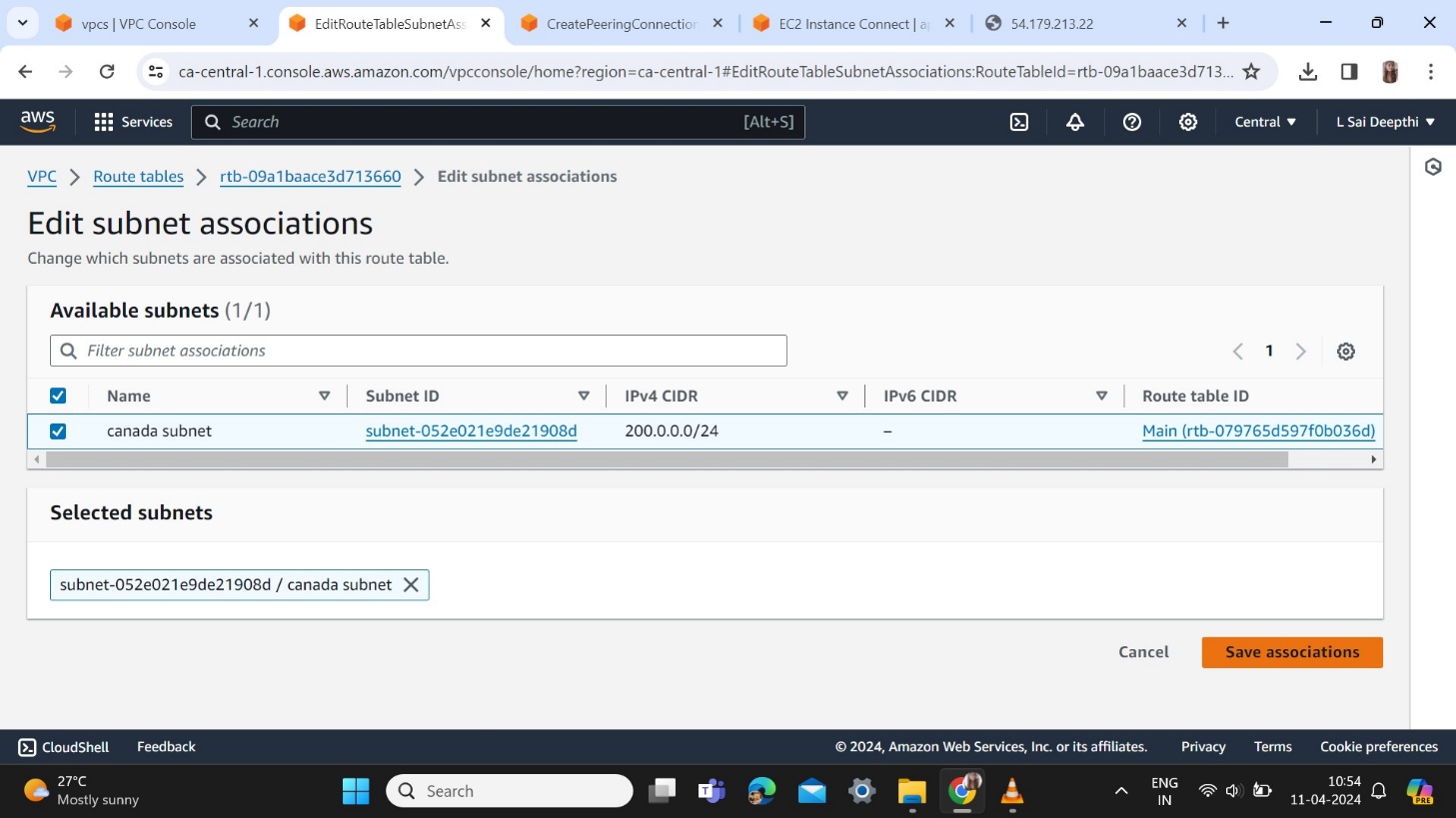
Create a Route Table named as canada routetable

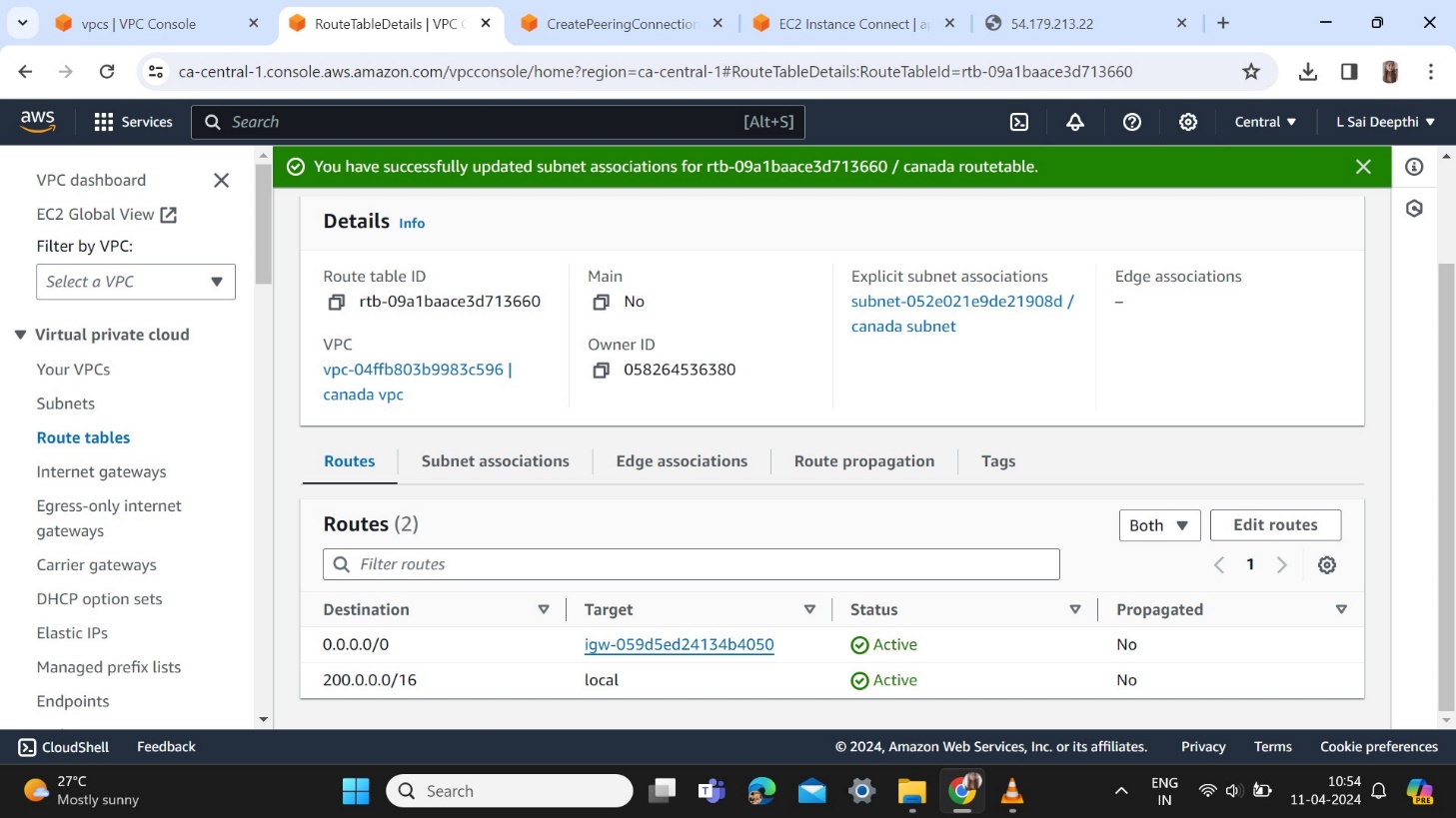


Edit routes keeping target as internet gateway

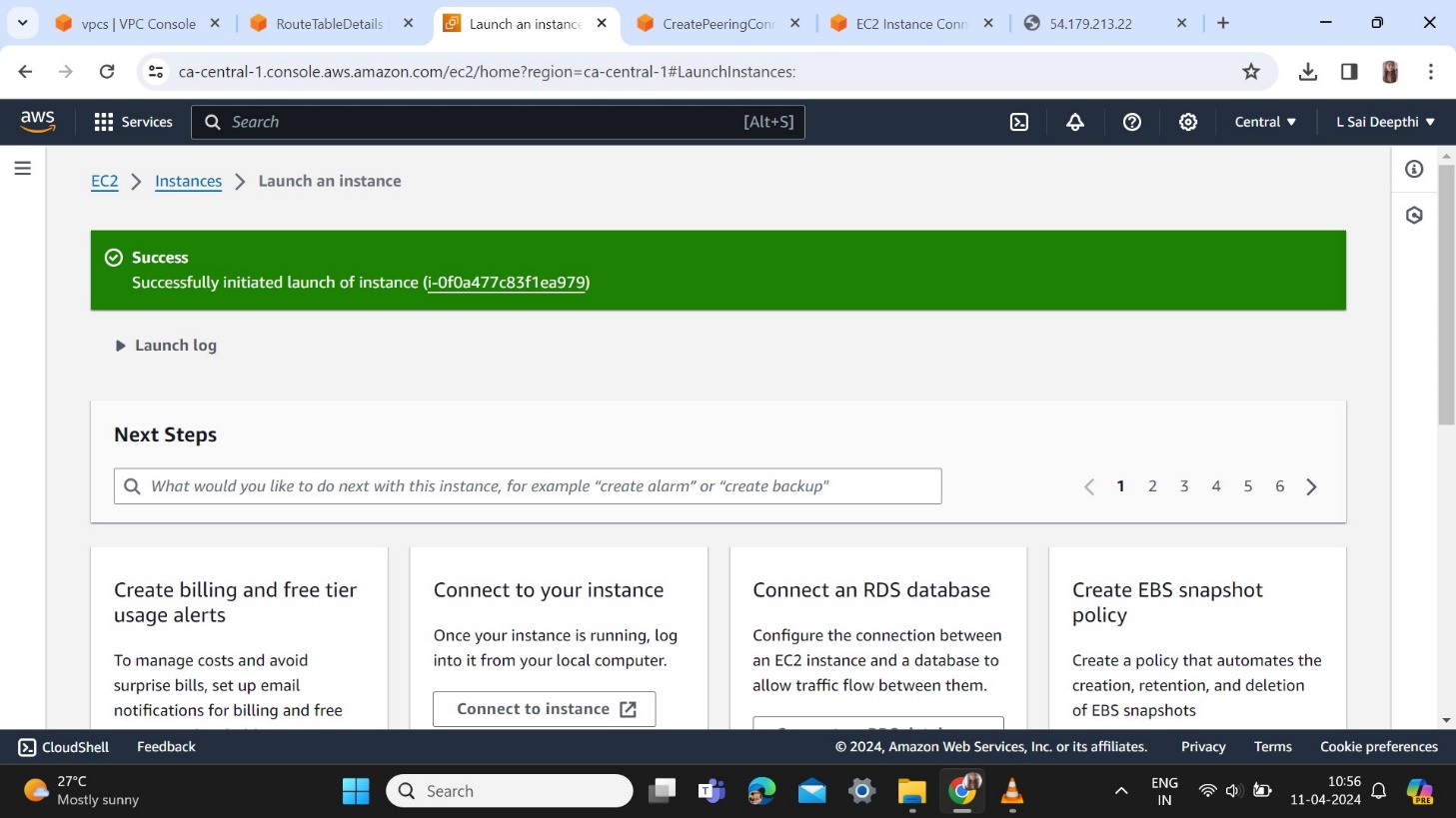


Edit Subnet associations

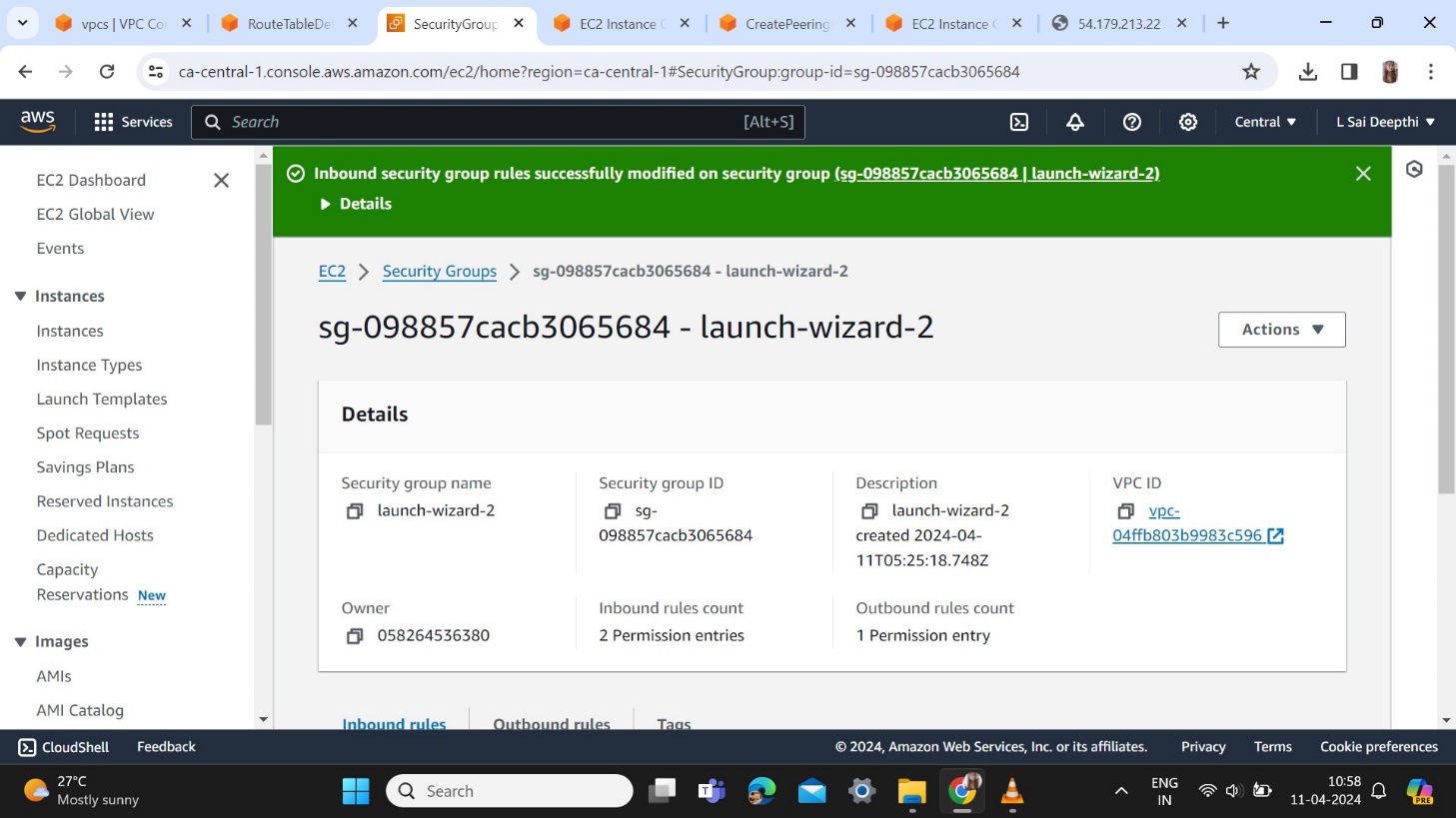




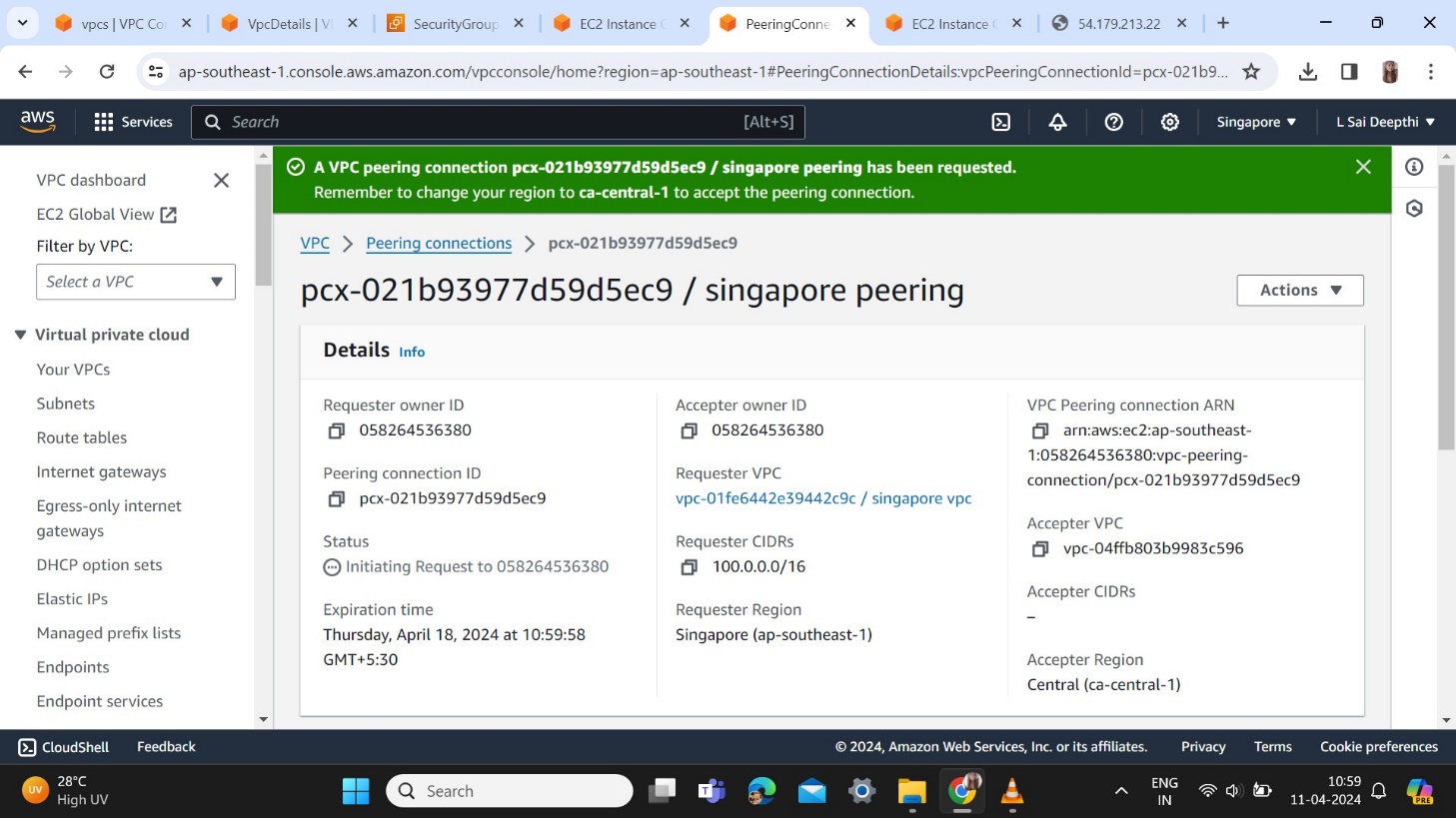
Create EC2 instance with keypair and launch an instance



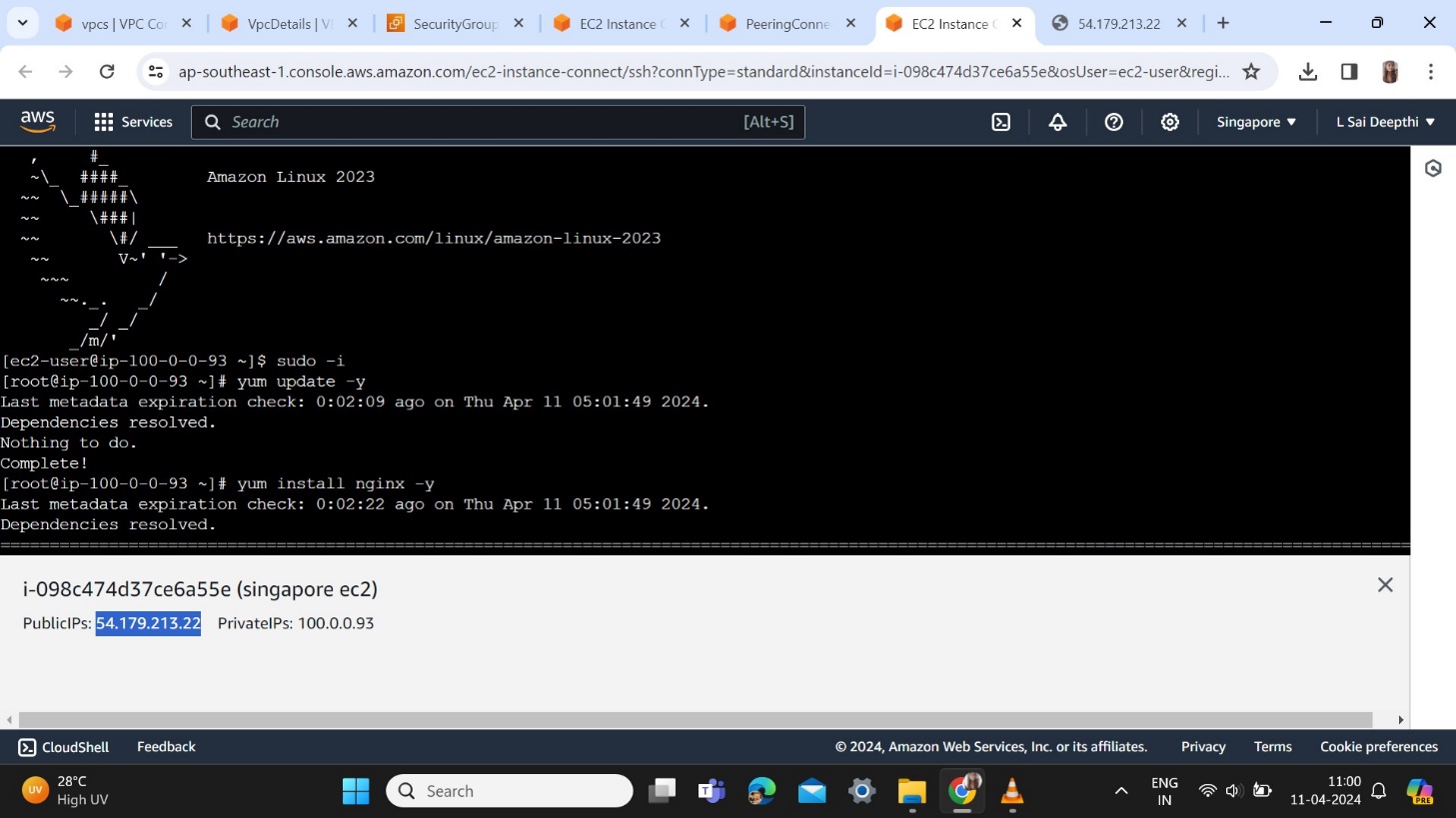
Edit inbound rules

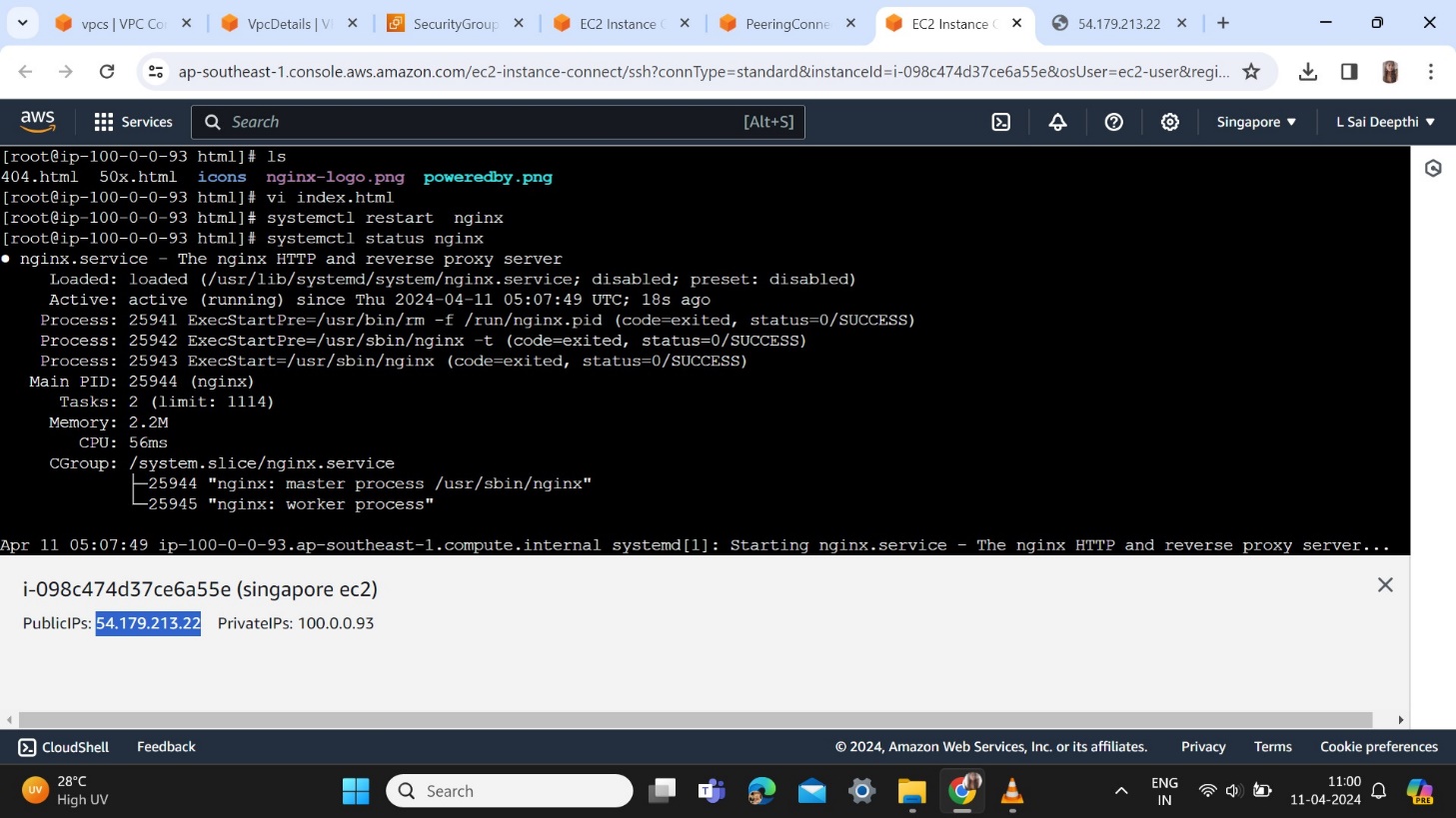


Now create a peering connection in one region Singapore and then accept the connection in another region canada

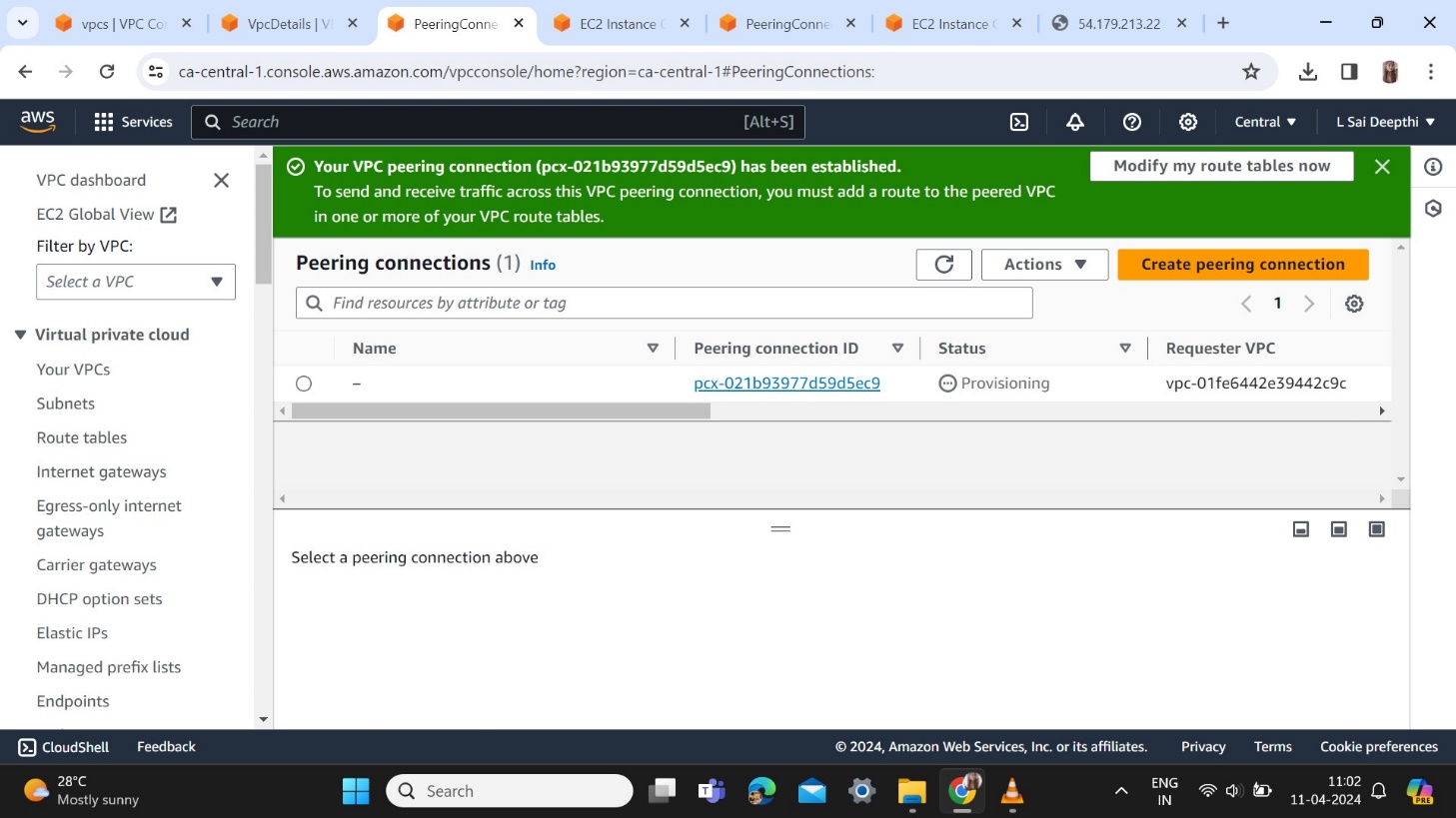


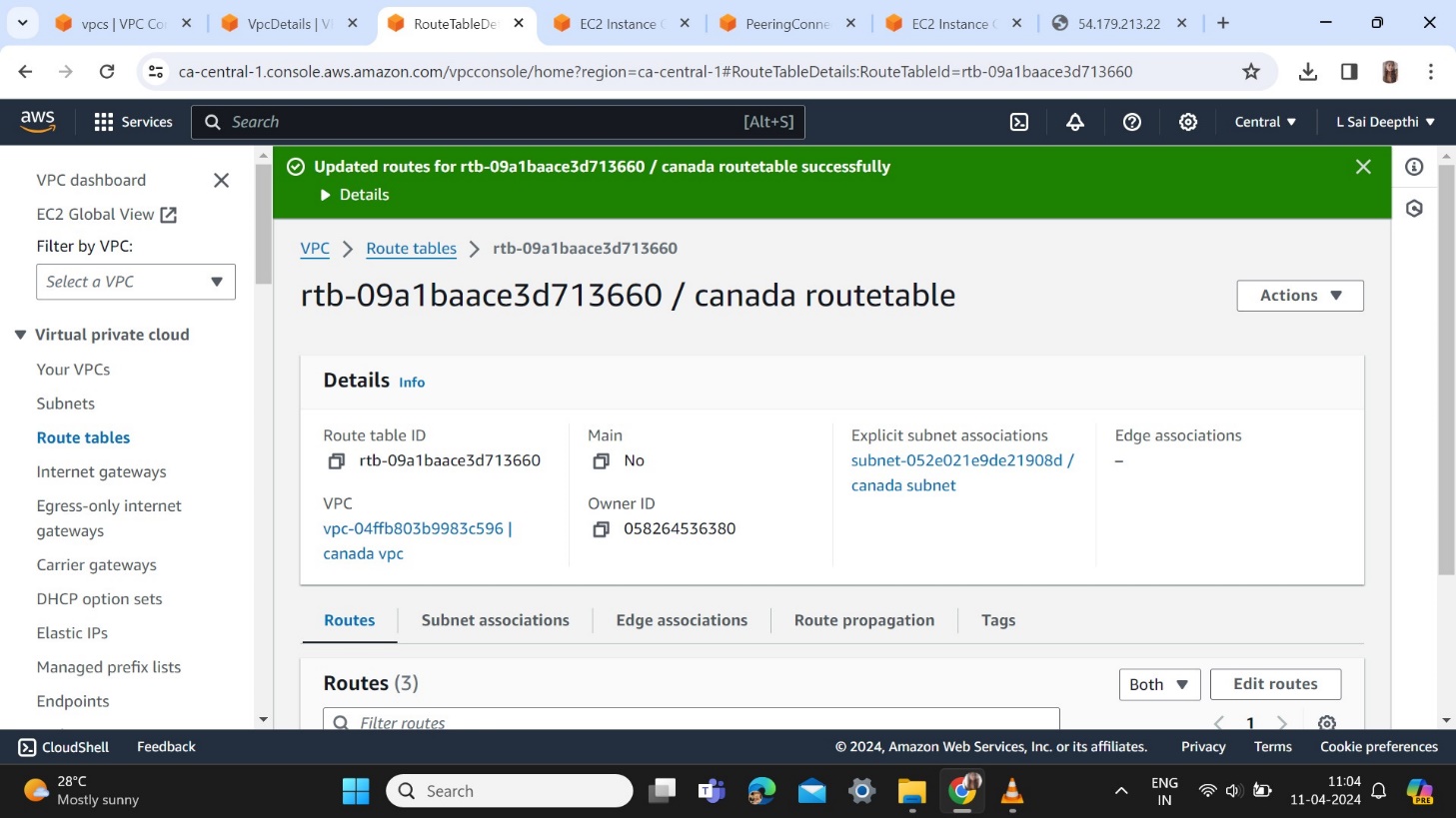
In Singapore region peering connection update and install nginx

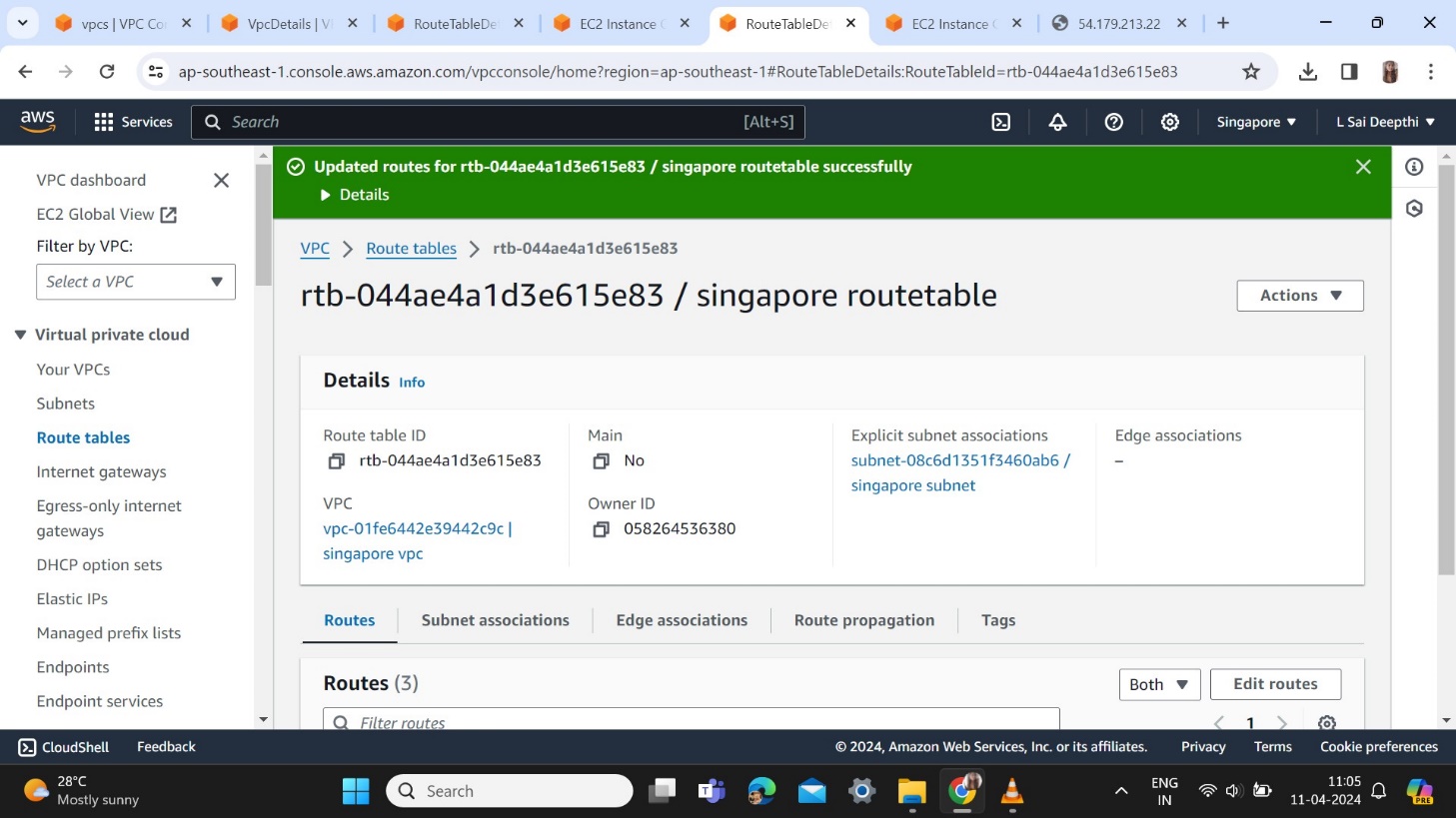




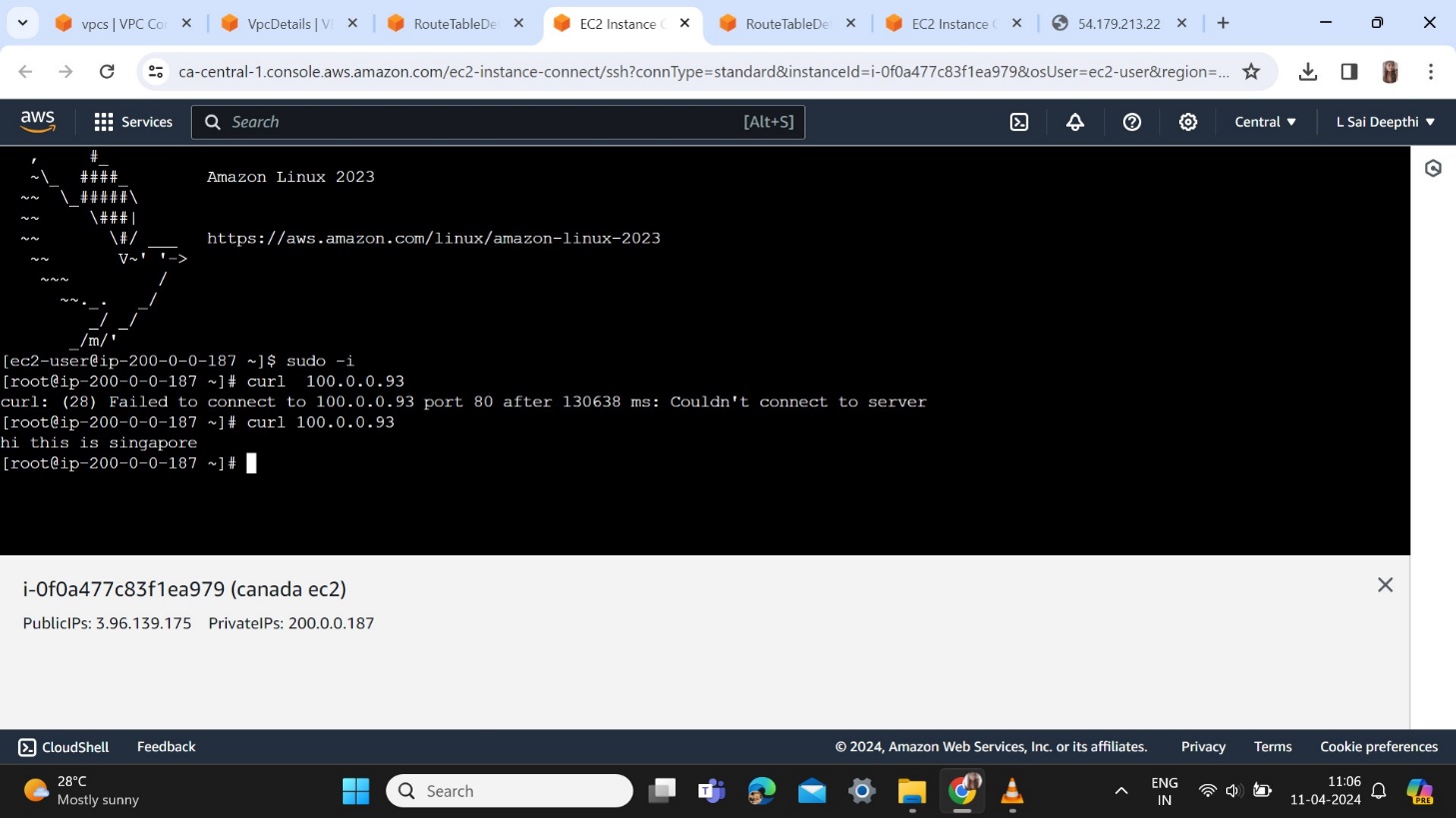
After establishing peering connection modify my route tables







Checking with the private ip address of Singapore region in Central Canada we will get the connection



The connection between two different has been established using VPC Peering.