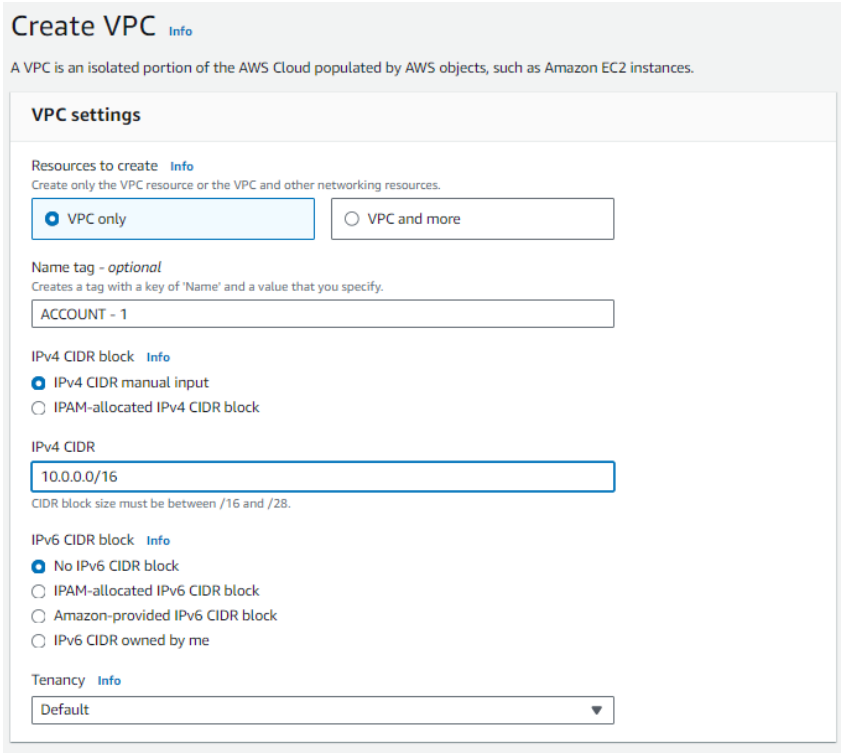
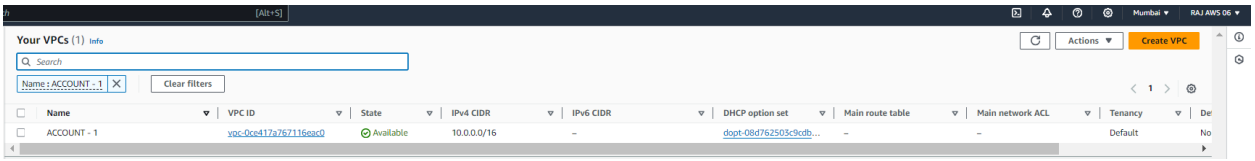
CROSS ACCOUNT VPC PEERING (ACCOUNT 1 PEER ACCOUNT 2)

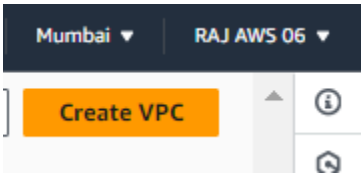
Create one VPC in account A and second VPC in account B, create VPC peering between them.

STEP 1 : Create a VPC

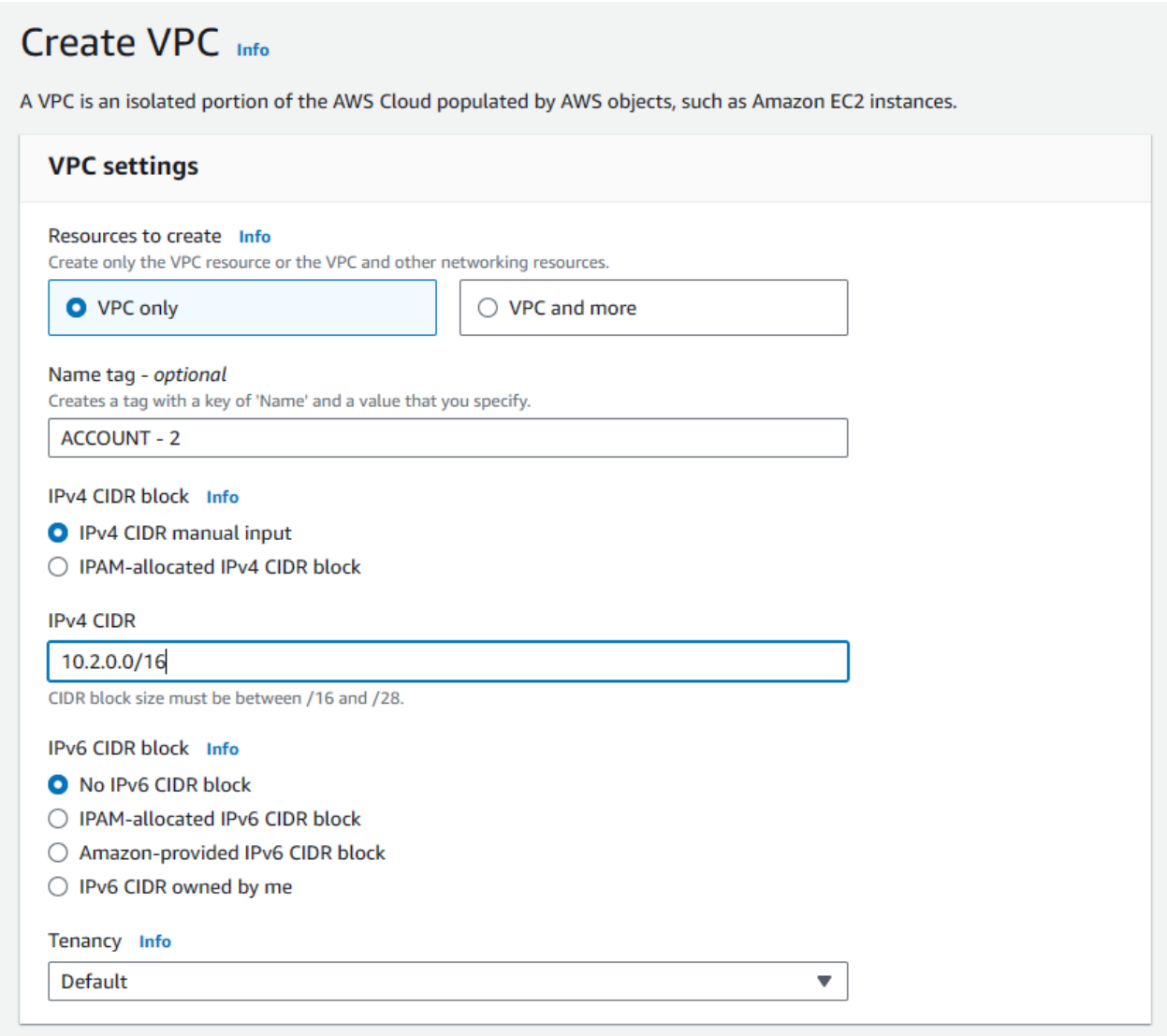
- We have a VPC with a CIDR 10.0.0.0/16
- Hence we have create a ACCOUNT-1 VPC in RAJ AWS 06

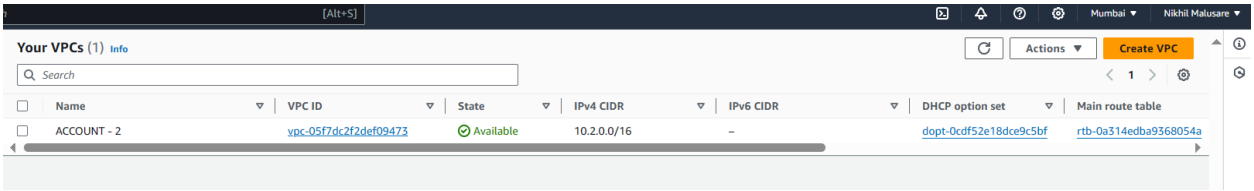


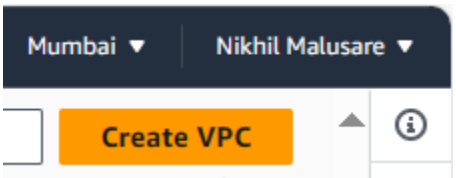




- We have a VPC with a CIDR 10.2.0.0/16
- Hence we have create a ACCOUNT-2 VPC in Nikhal Malusare





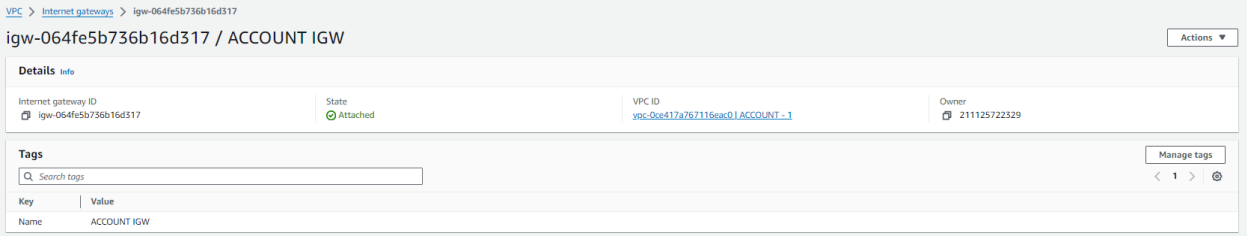


STEP 2 : Create a IGW for Both Account

- Create Internet Gateway for each VCP Account

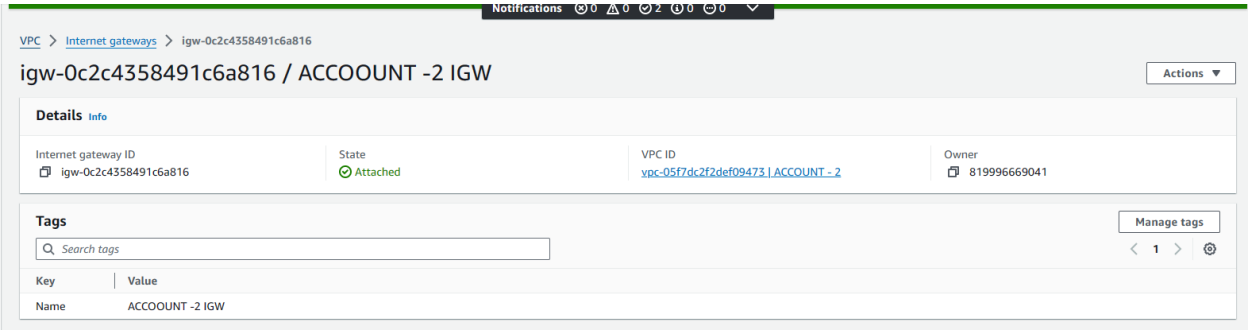
ACCOUNT 1

- Create a IGW for the ACCOUNT 1
- And Attach the ACCOUNT -1 IGW to ACCOUNT 1 VPC



ACCOUNT 2

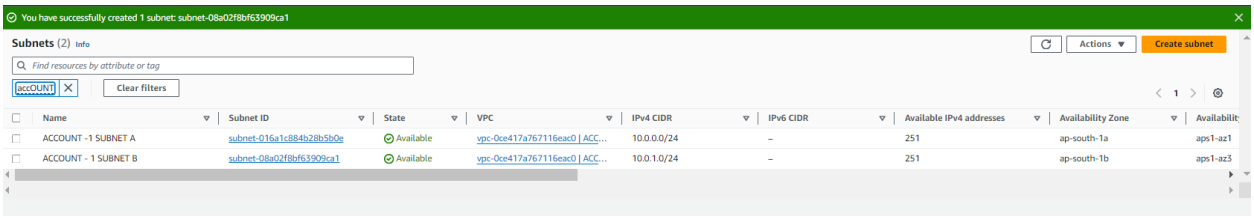
- Create a IGW for the ACCOUNT 2
- And Attach the ACCOUNT -2 IGW to ACCOUNT 2 VPC



STEP 3 : Create two Subnet for there VPC in each Account.

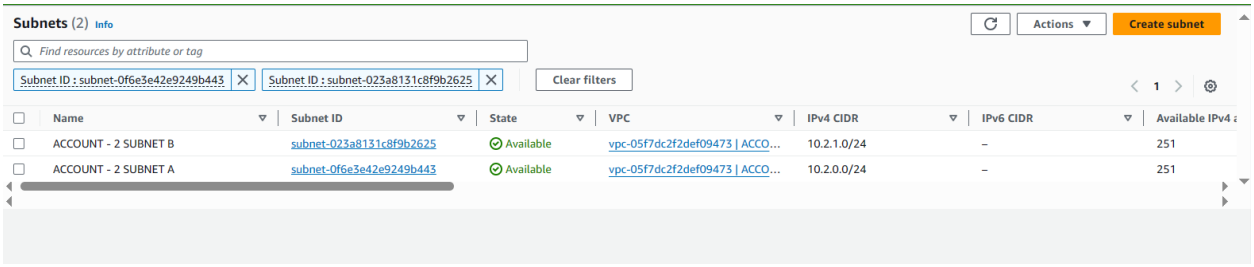
ACCOUNT – 1 VPC (MUMABI REGION)

SUBNET	CIDR	HZ
ACCOUNT – 1 SUBNET A	10.0.0.0/24	ap-south-1a
ACCOUNT – 1 SUBNET B	10.0.1.0/24	ap-south-1b



ACCOUNT – 2 VPC (MUMABI REGION)

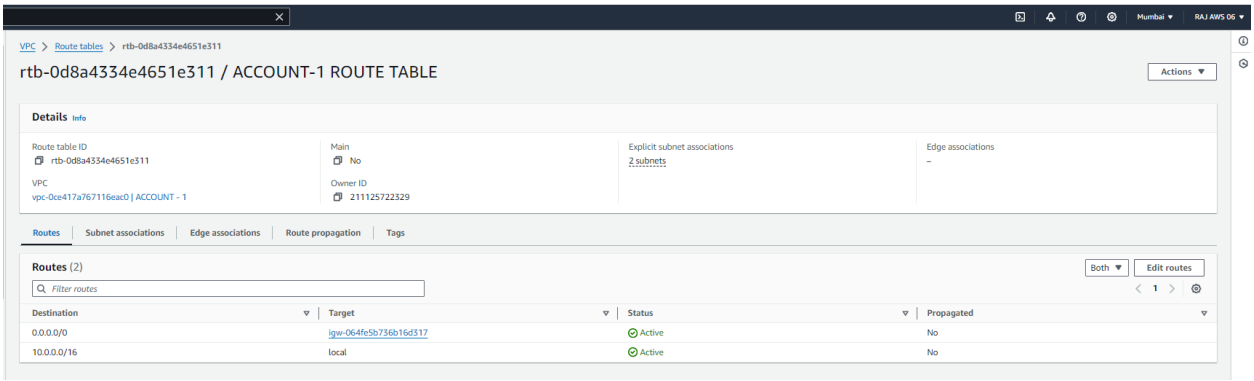
SUBNET	CIDR	HZ
ACCOUNT – 2 SUBNET A	10.2.0.0/24	ap-south-1a
ACCOUNT – 2 SUBNET B	10.2.1.0/24	ap-south-1b



STEP 4 : Create a Route Table for both account

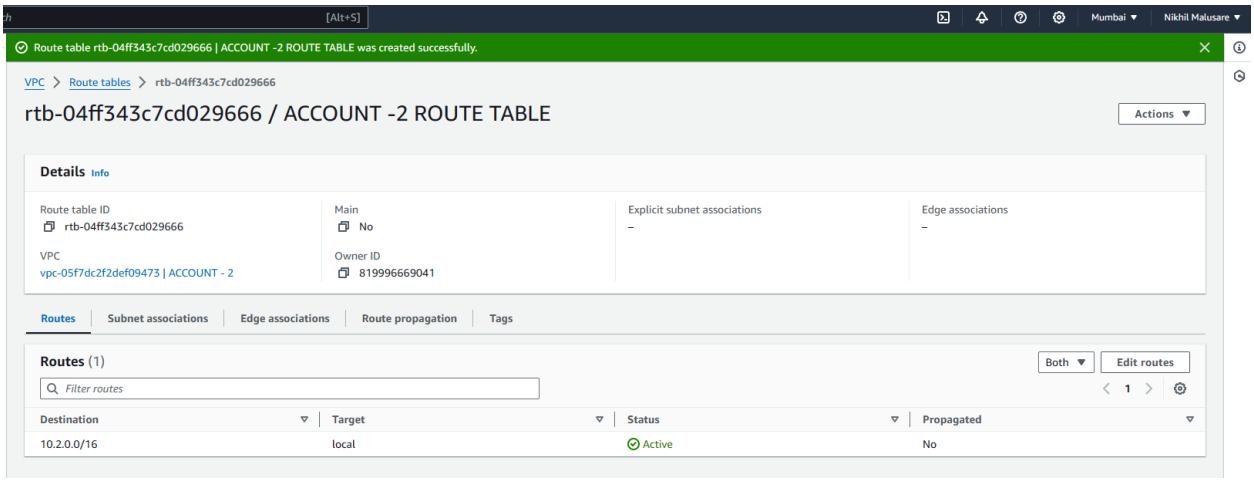
ACCOUNT 1 :

We have create a Route Table for the ACCOUNT-1



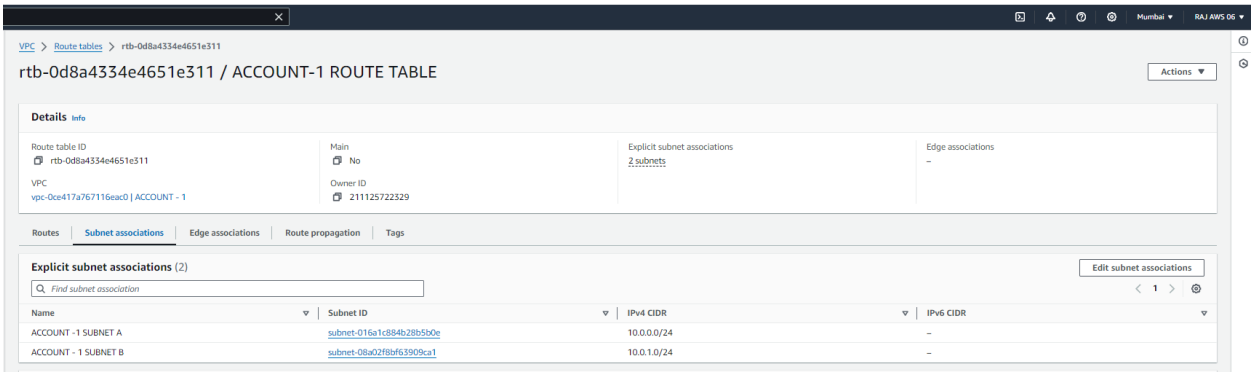
ACCOUNT 2 :

We have create a Route Table for the ACCOUNT-2

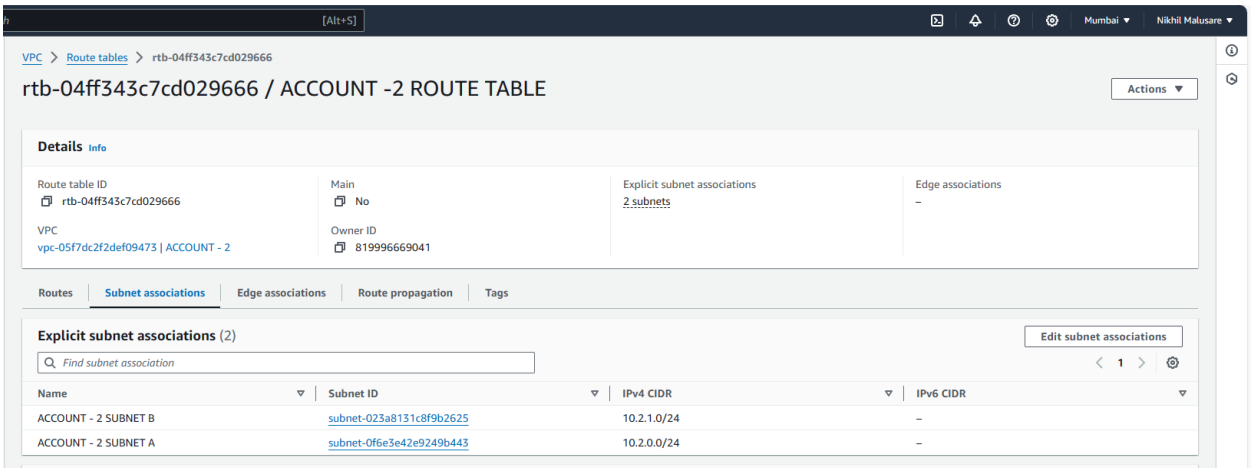


STEP 5 : Associate Subnet to there Respective Route table in there Account

ACCOUNT -1



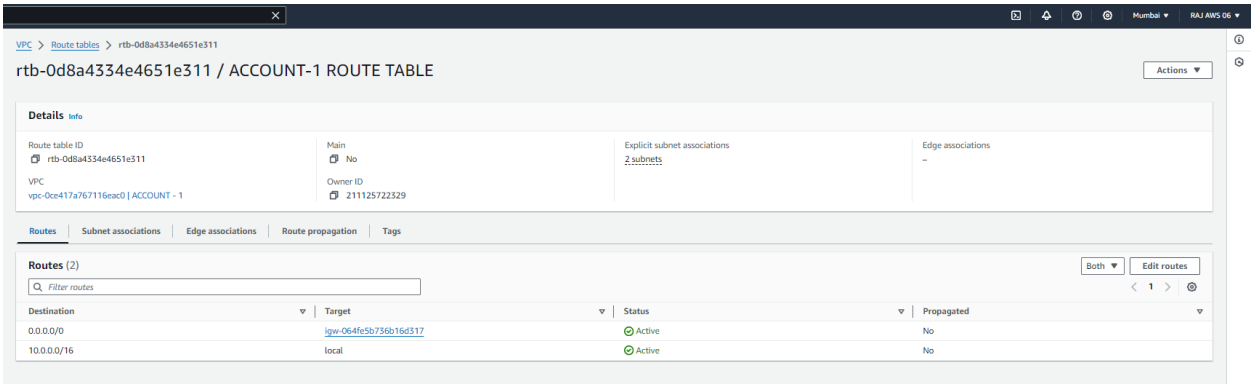
ACCOUNT – 2



STEP 6 : Edit Route of the Route table

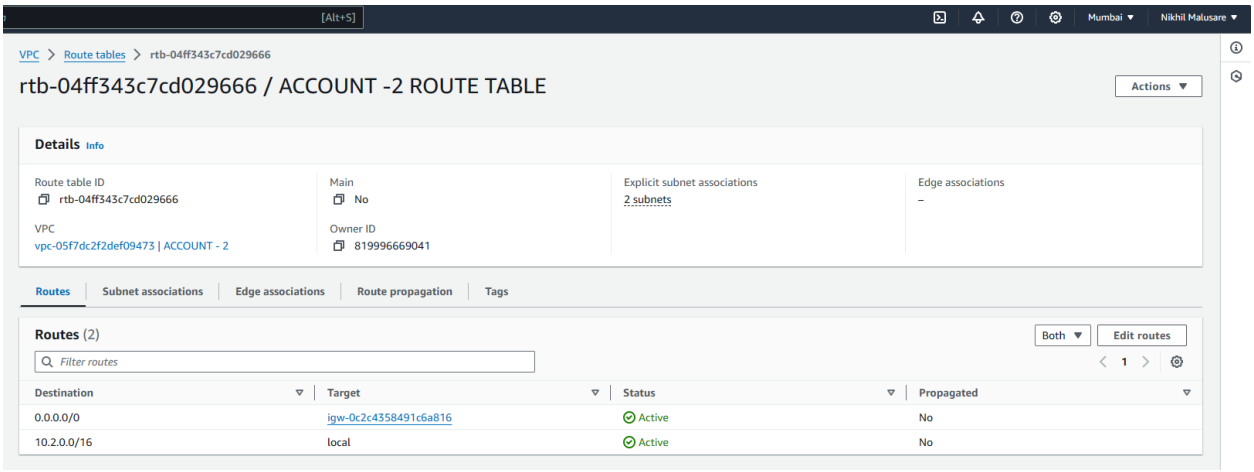
ACCOUNT -1

- We have Edit Route



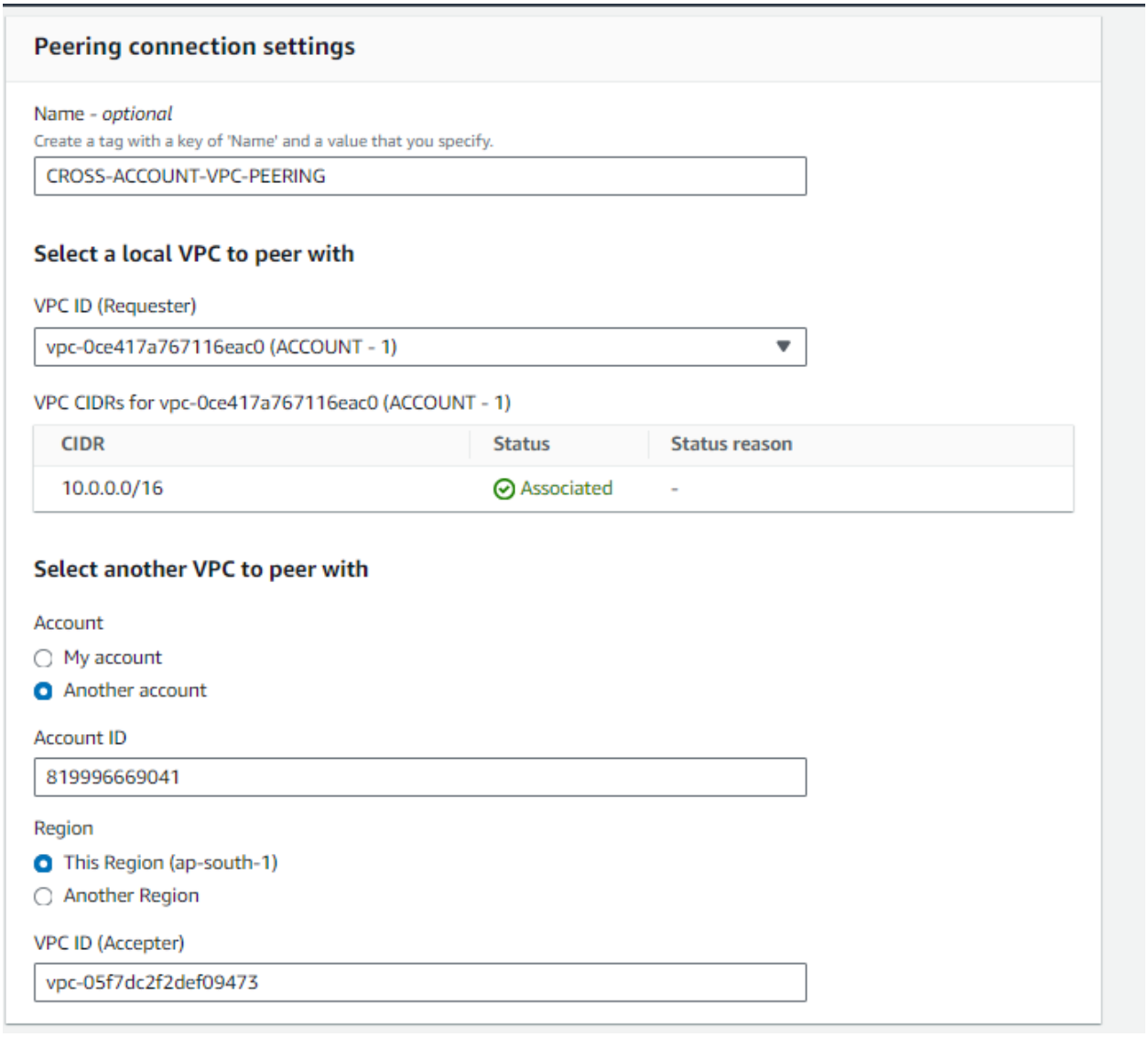
ACCOUNT -2

- We have Edit Route

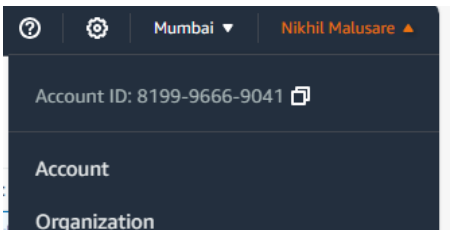


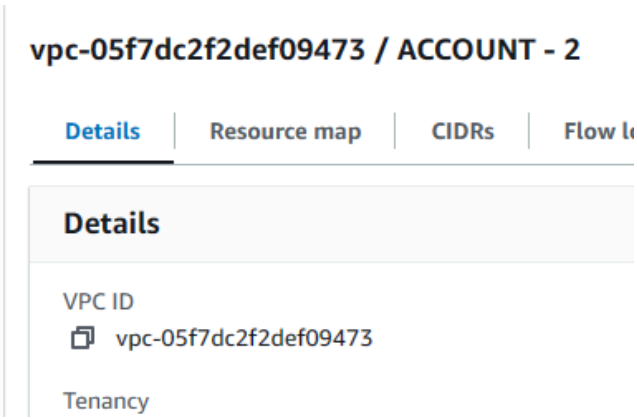
STEP 7 : Now we will create a VPC peering

- So we will create a VPC peering with the name “CROSS-ACCOUNT-VPC-PEERING”
- And we will choose Source as ACCOUNT-1 (RAJ AWS 06)
- And Peering to ACCOUNT-2 (Nikhal Malusare)

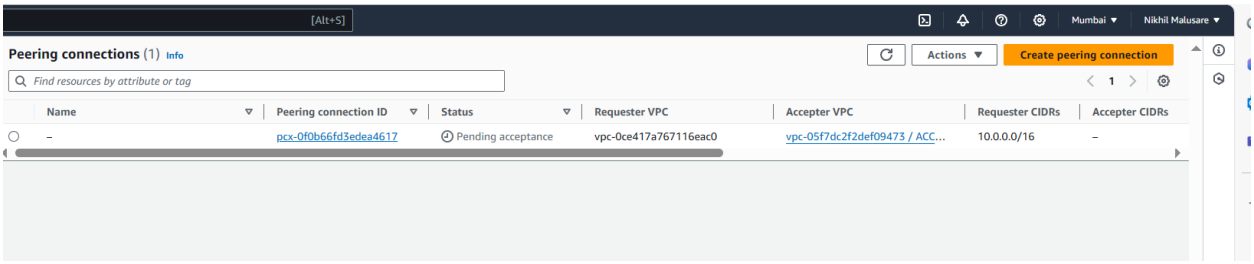


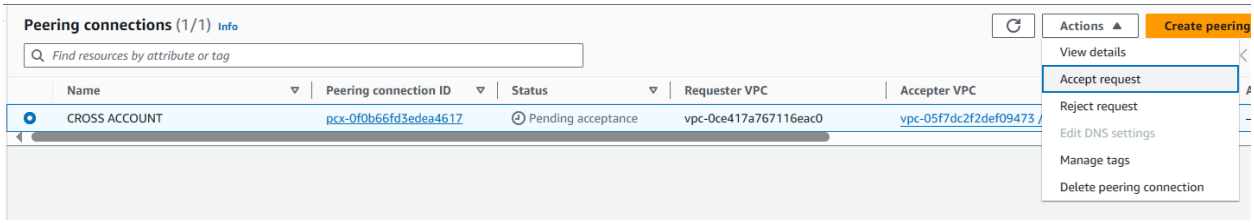
- Copy the Accoount ID of Nikhal Malusare Account and paste at VPC peering Account ID



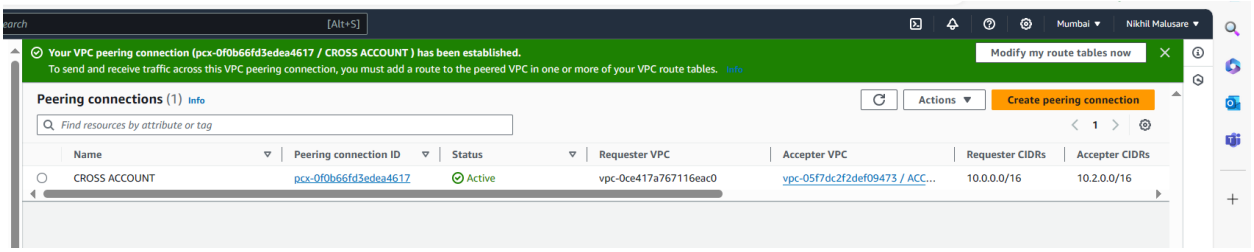


- Hence we can see in Nikhal Malusare
- In VPC Peering we have a request for the peering connection
- So we need to accept it for the peering





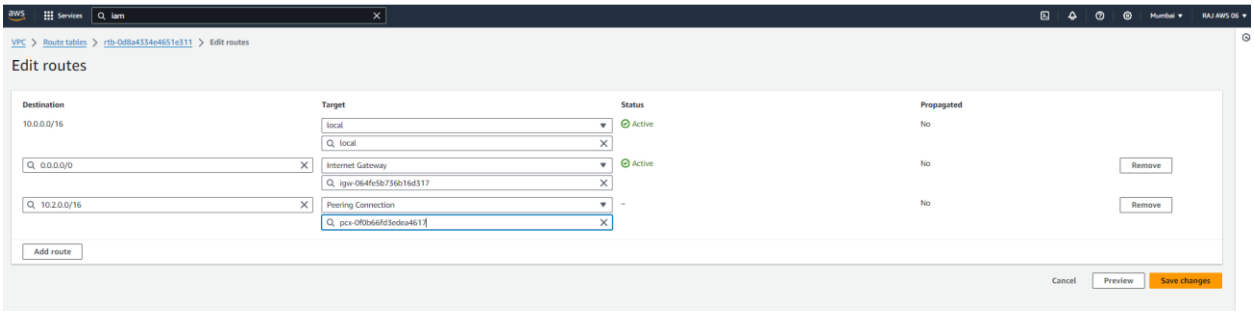
- Hence we can see the peering is done



STEP 8 : Now edit Route table for the VPC peering

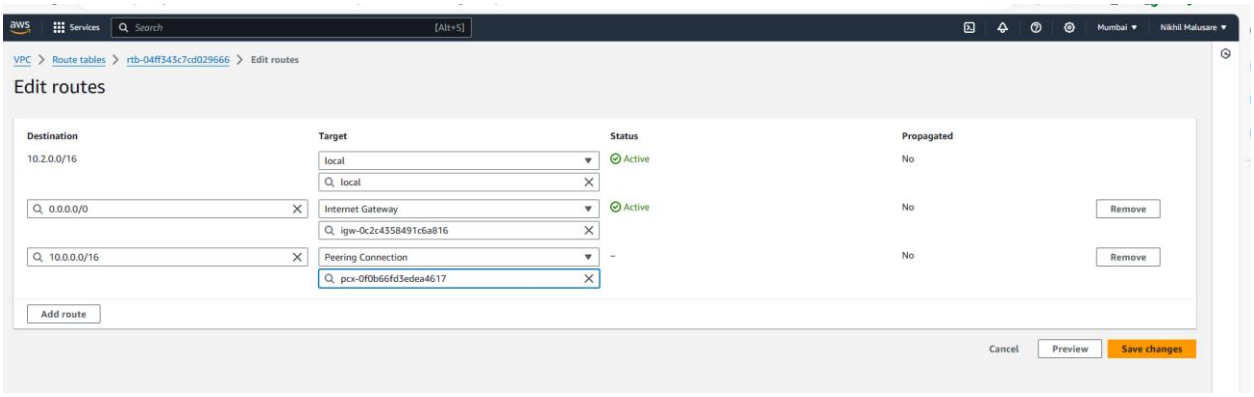
ACCOUNT – 1

- Copy the ACCOUNT -2 CIDR VPC 10.2.0.0/16 and paste it ot the ACCOUNT – 1 VPC route Table in edit route as Target be VPC peering



ACCOUNT – 2

- Copy the ACCOUNT -1 CIDR VPC 10.0.0.0/16 and paste it ot the ACCOUNT – 2 VPC route Table in edit route as Target be VPC peering

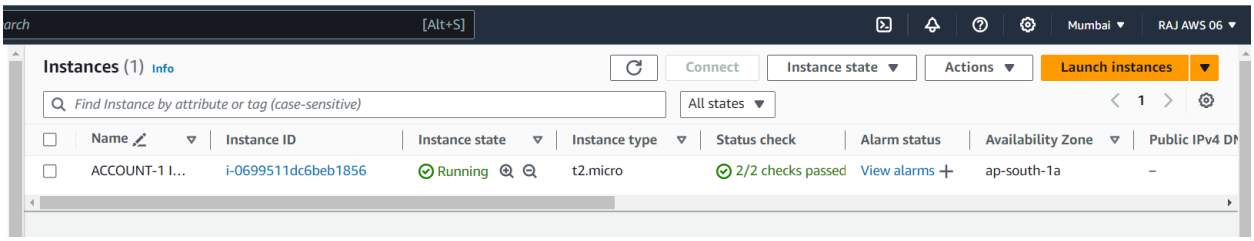


- Hence we have successfully have peering connection

STEP 9 : Create a Ec2 instance in ACCOUNT -1 and in ACCOUNT -2

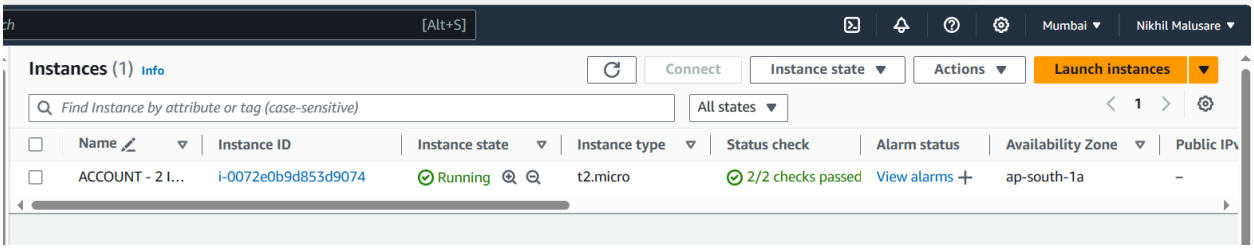
ACCOUNT-1

- Hence we have created a Instance with :
- AMI as Linux 2023
- SG as SSH at Anywhere
- HTTP at Anywhere
- All ICMP at Anywhere
- And In Networking
- We have selected ACCOUNT-2 Custom VPC with subnet available in ap-south-1a



ACCOUNT-2

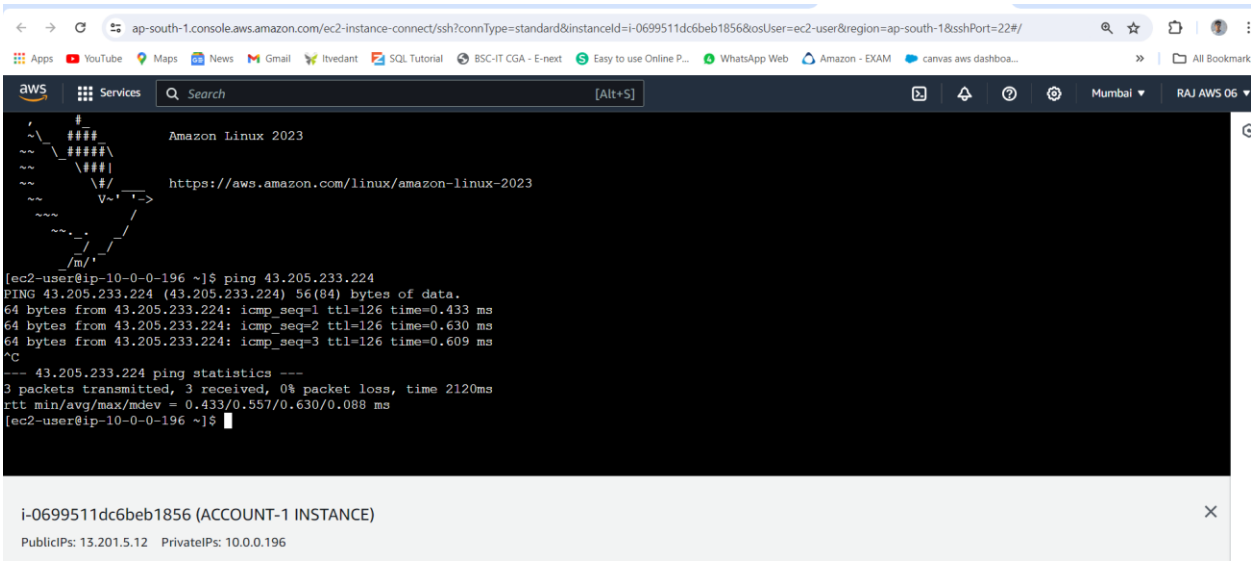
- Hence we have created a Instance with :
- AMI as Linux 2023
- SG as SSH at Anywhere
- HTTP at Anywhere
- All ICMP at Anywhere
- And In Networking
- We have selected ACCOUNT-2 Custom VPC with subnet available in ap-south-1a



STEP 10 : Connect to EC2 Instance

- Hence now connect both the Instance and ping Public IP of different account instance

ACCOUNT - 1



ACCOUNT – 2