VPC PEERING

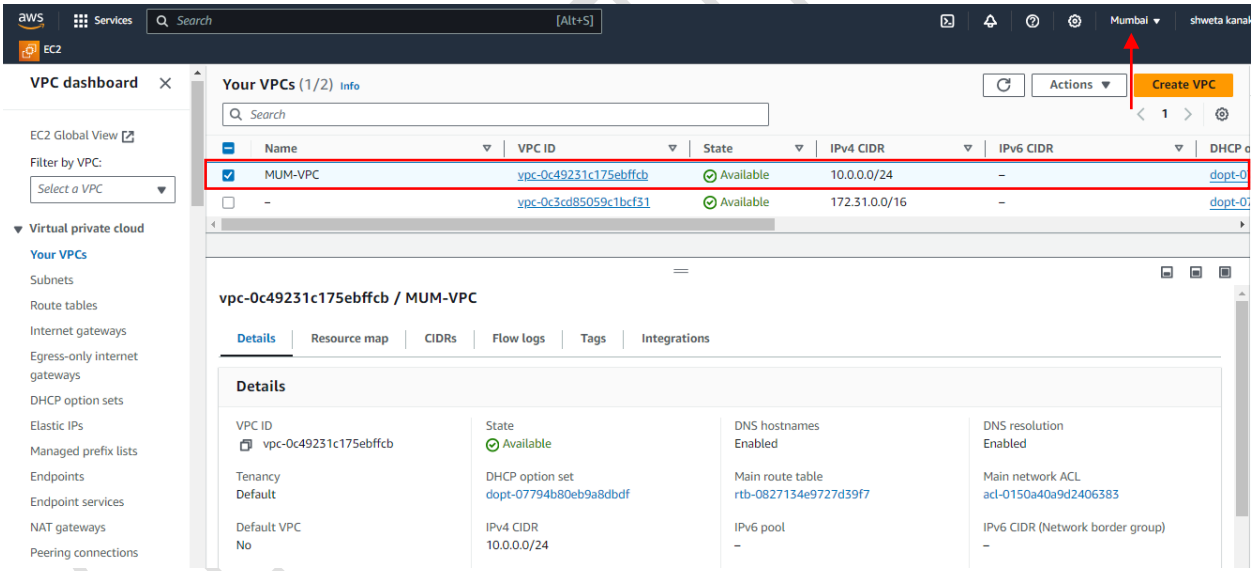
Peering works on same region/different region/different account.

Step 1 : Select the region you want

Here, I have selected the Mumbai and Ohio Region

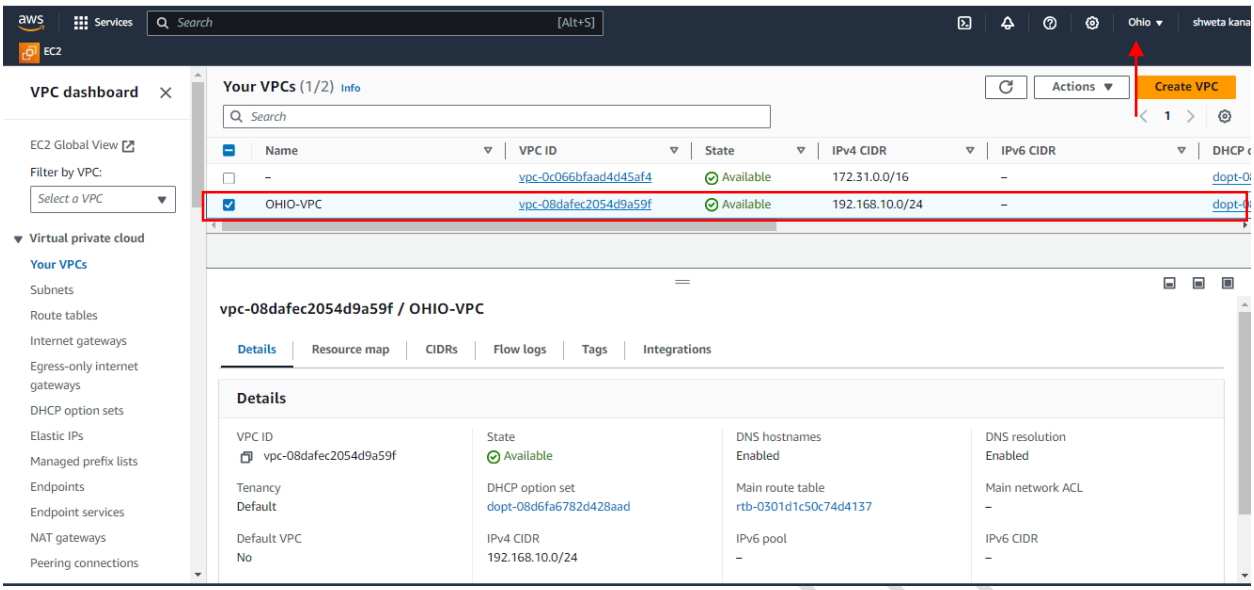
In the Mumbai Region

- Create VPC
- Create an Internet Gateway
- Attach Internet Gateway to the VPC
- Create a subnet
- Create Route Table, edit subnet associations and add route

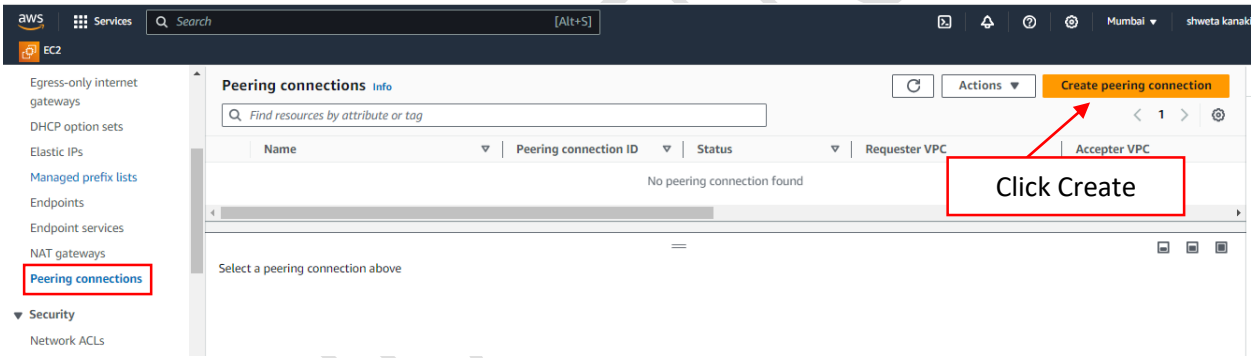


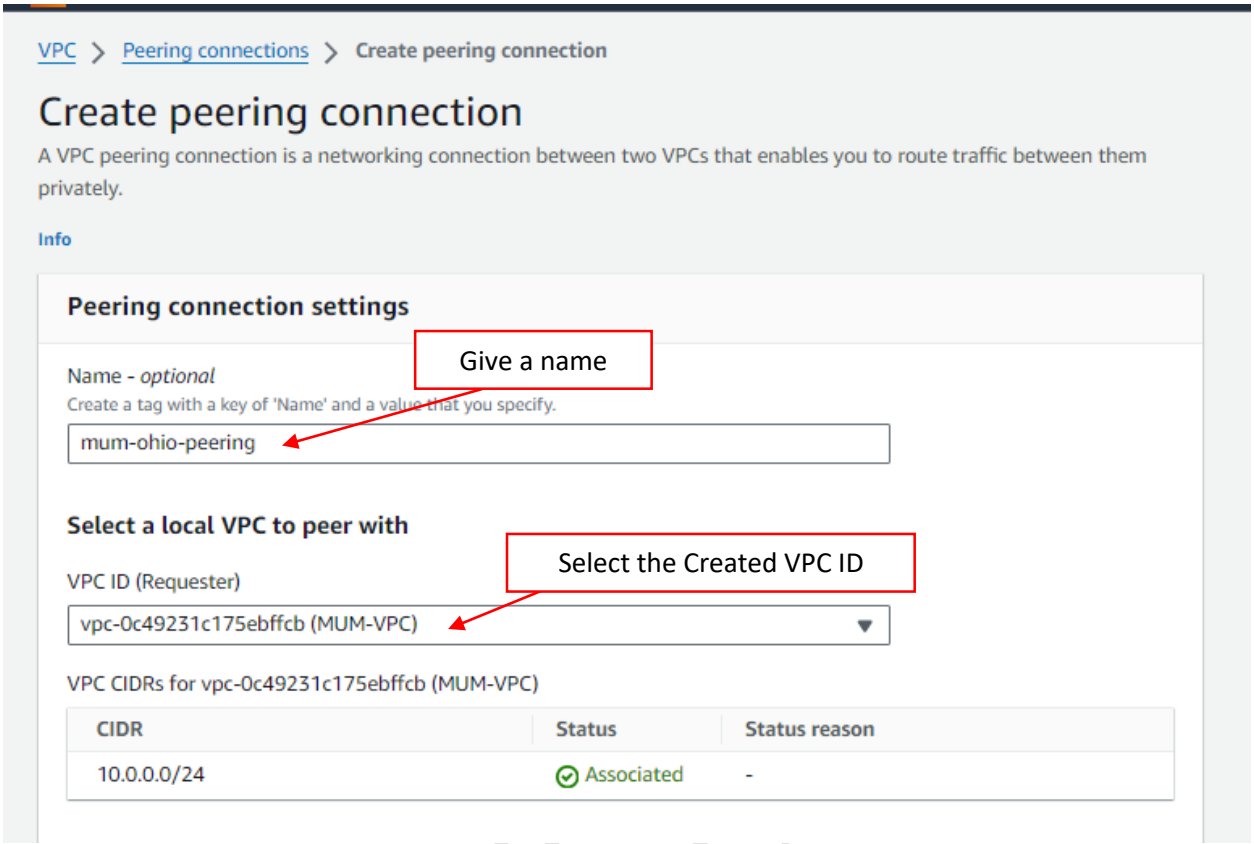
Step 2 : In Ohio Region

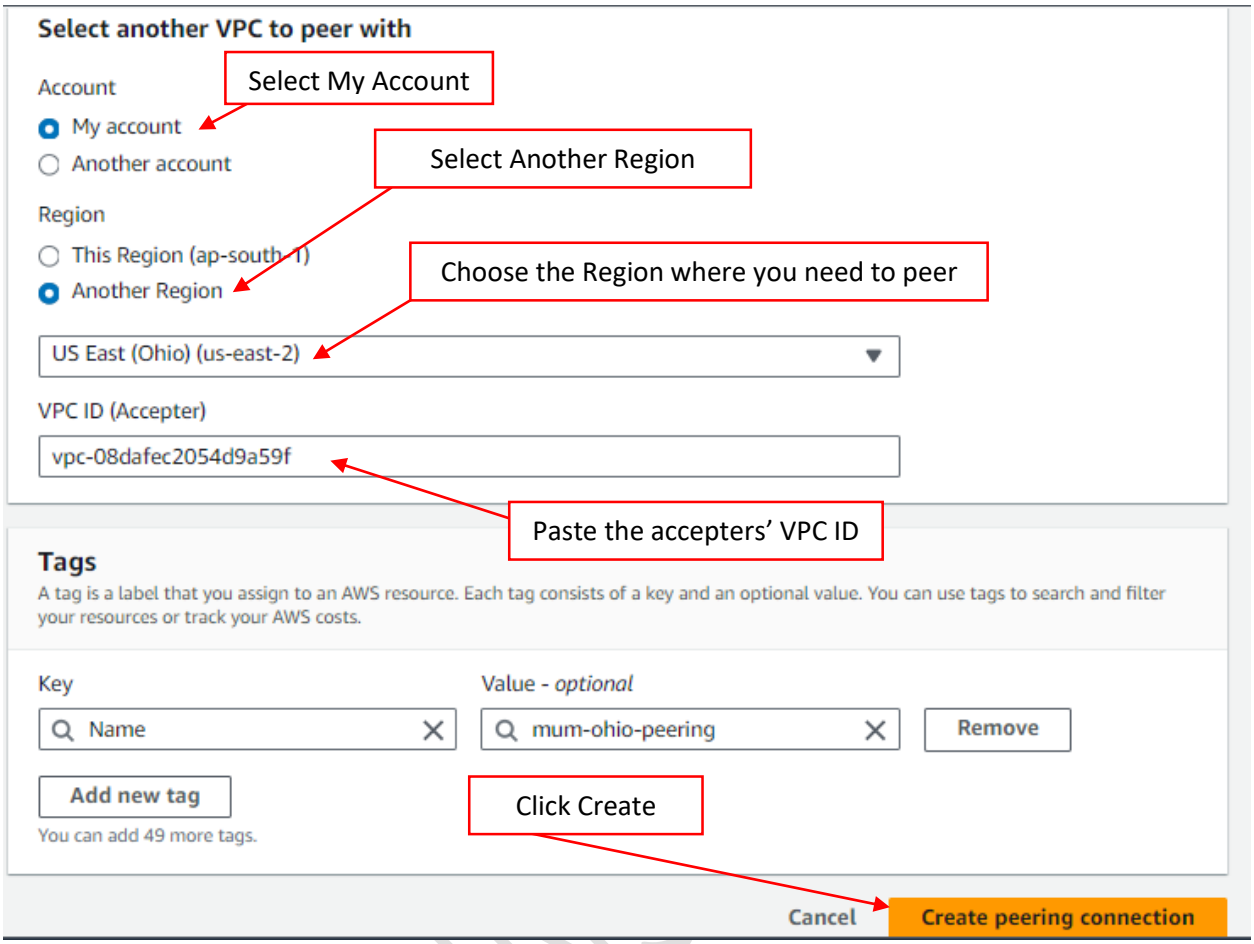
- Create VPC
- Create an Internet Gateway
- Attach Internet Gateway to the VPC
- Create a subnet
- Create Route Table, edit subnet associations and add route



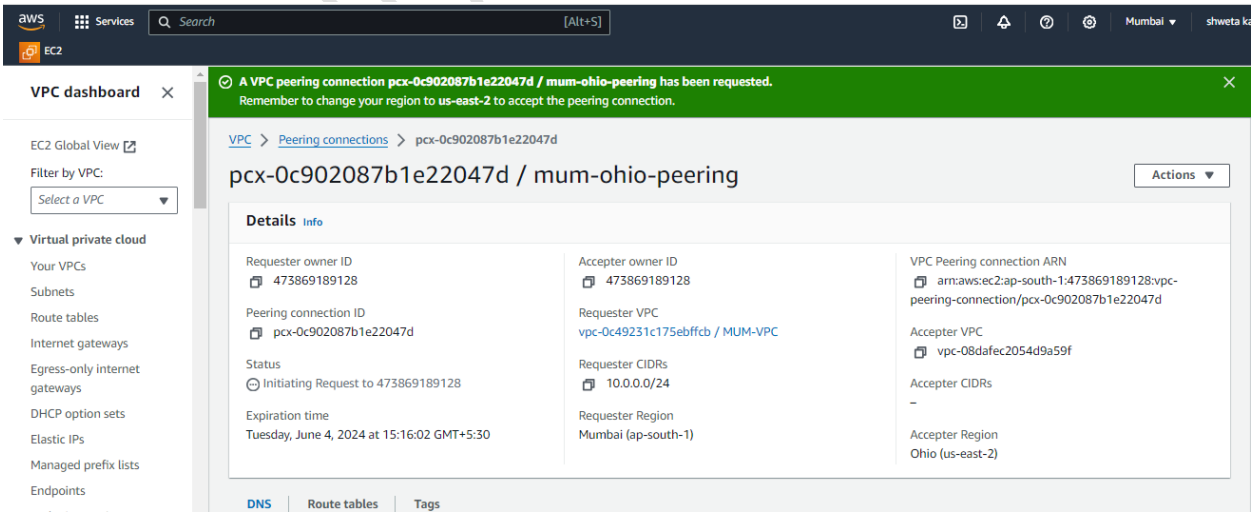
Step 3 : In Mumbai Region – Create Peering connection



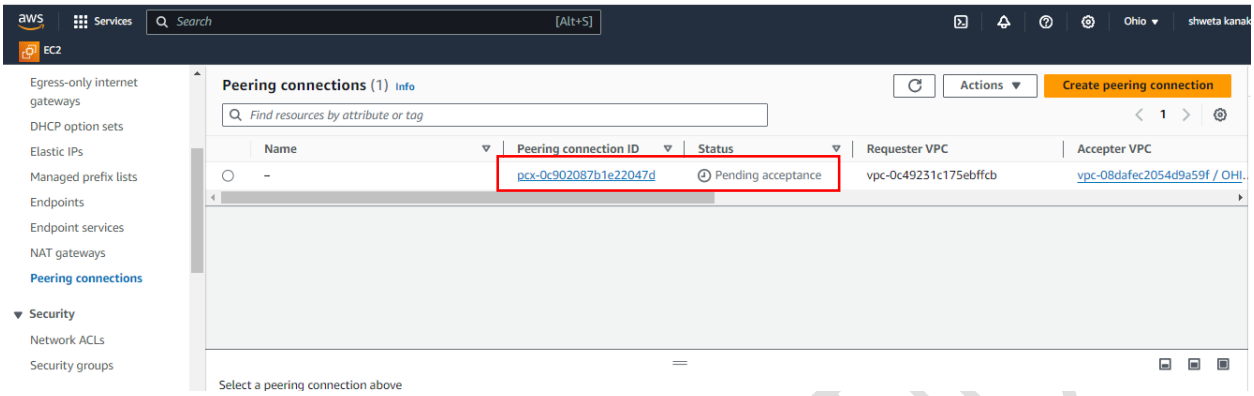


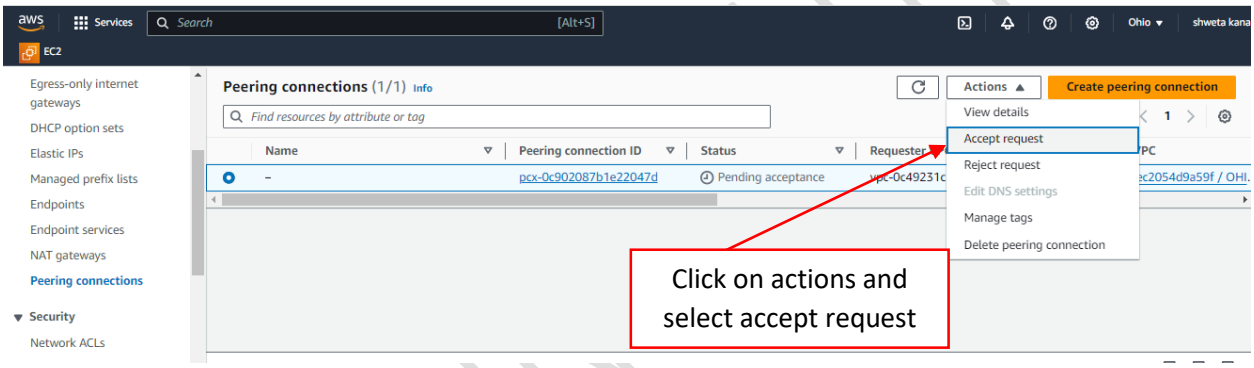


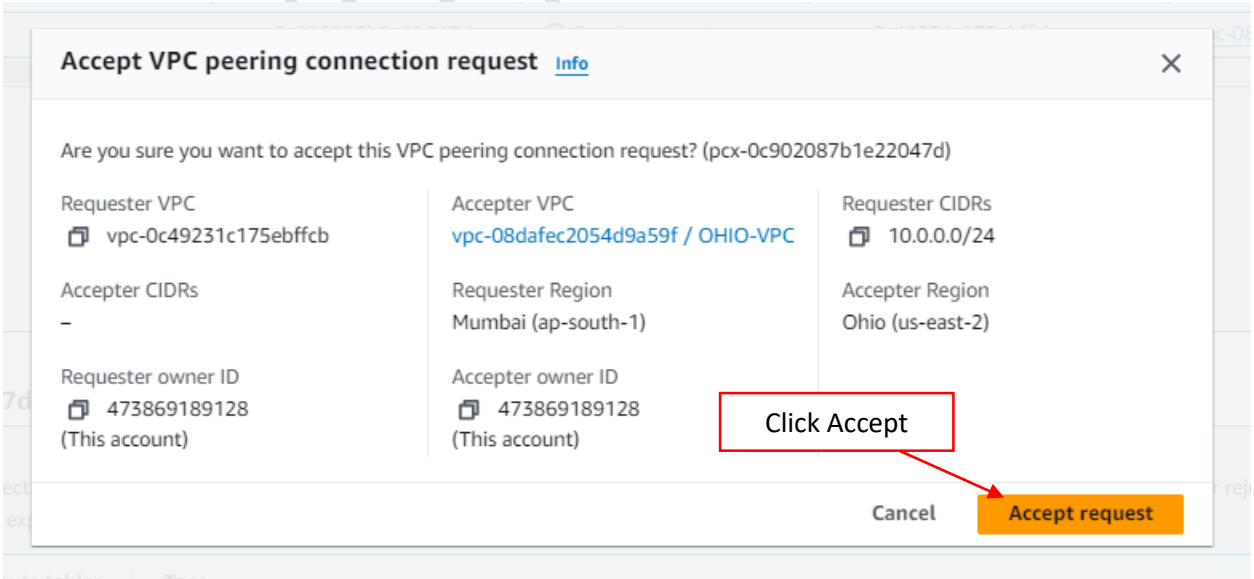
Peering Connection has been requested from Mumbai region



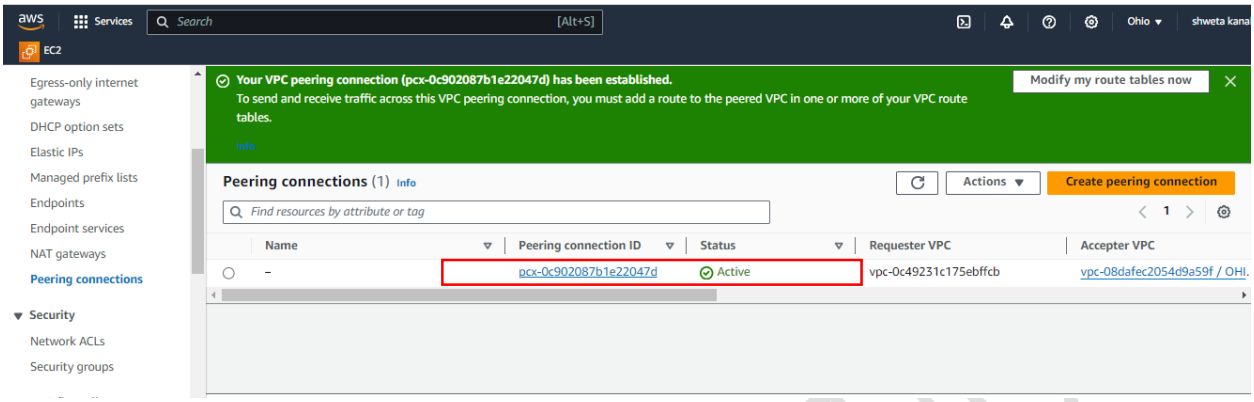
Step 4 : Now go to Ohio region and accept the peering request





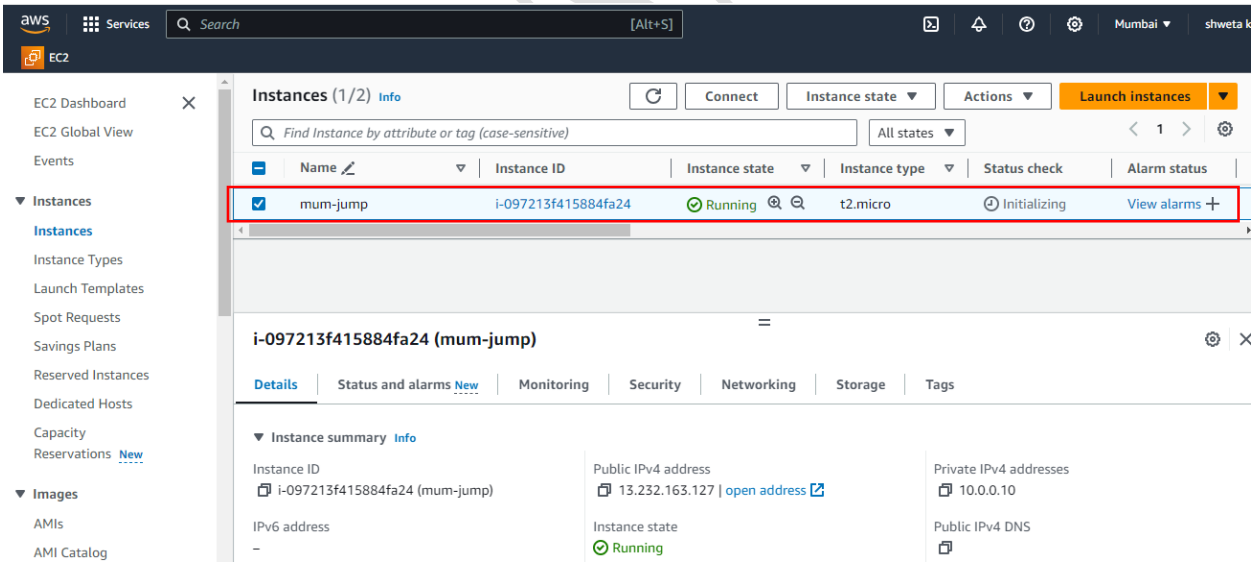


VPC peering has been established between Mumbai and ohio region

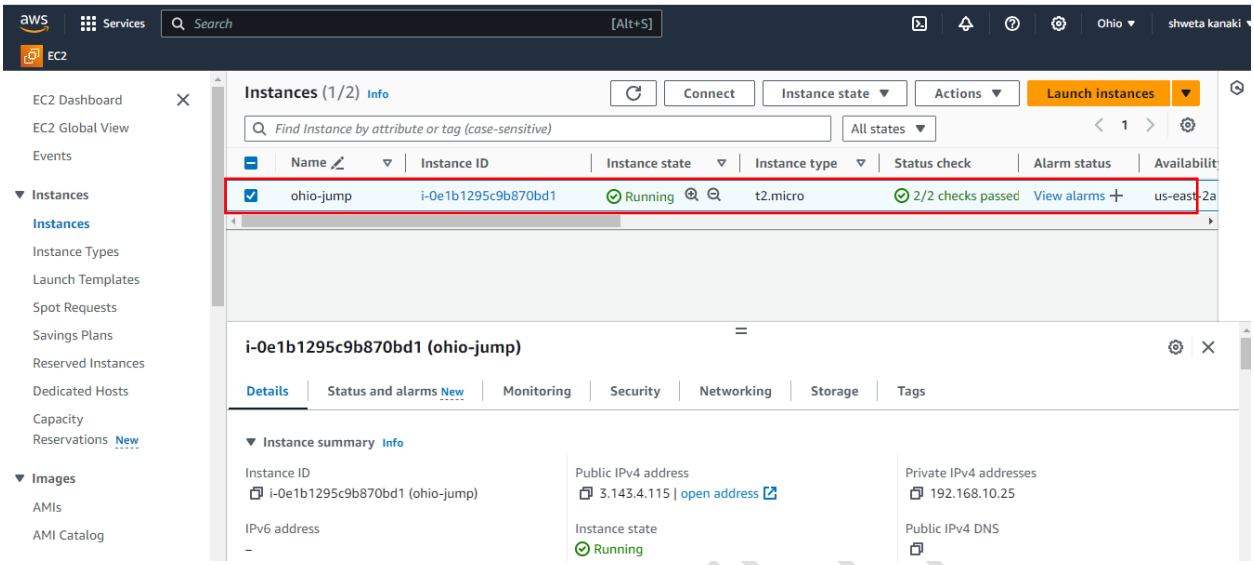


Step 5 : Create a EC2 instance where you have created the VPC.

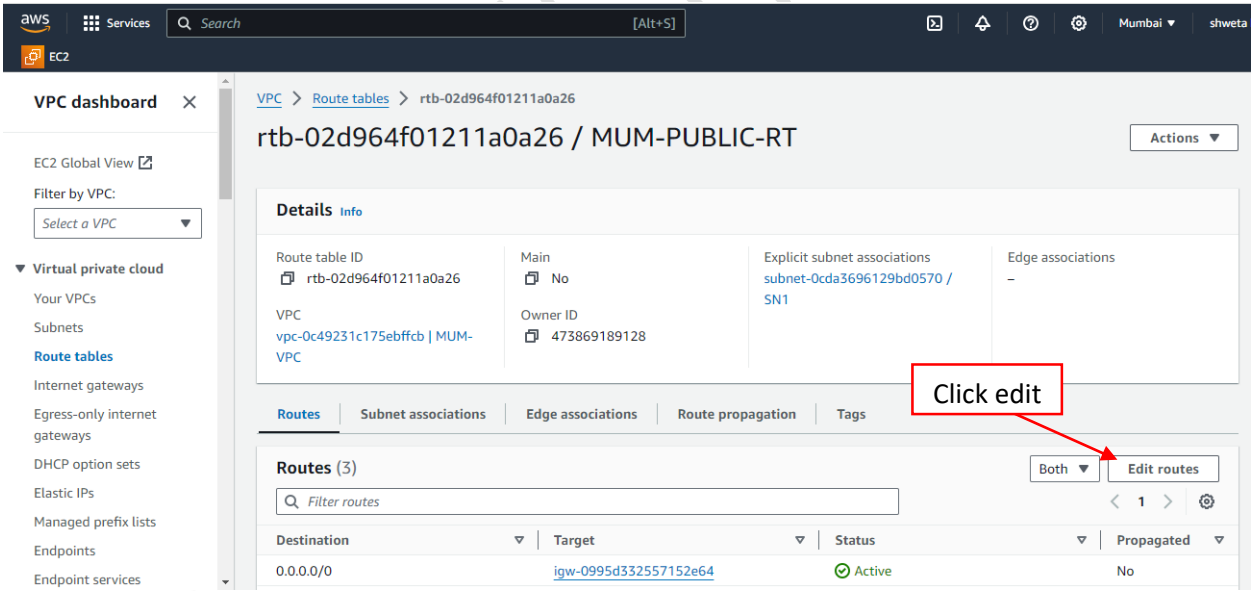
I have created a ec2 instance Mumbai region

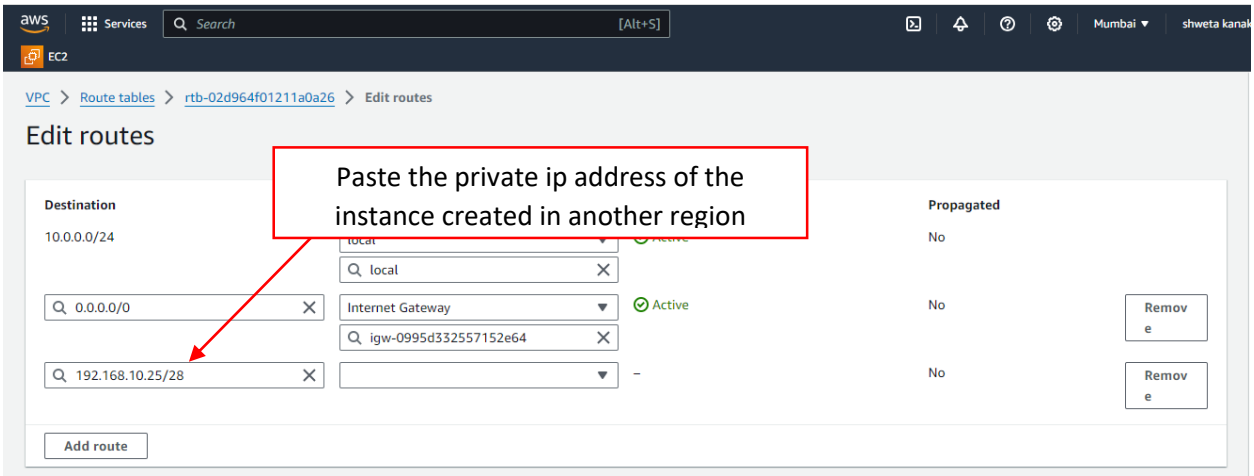


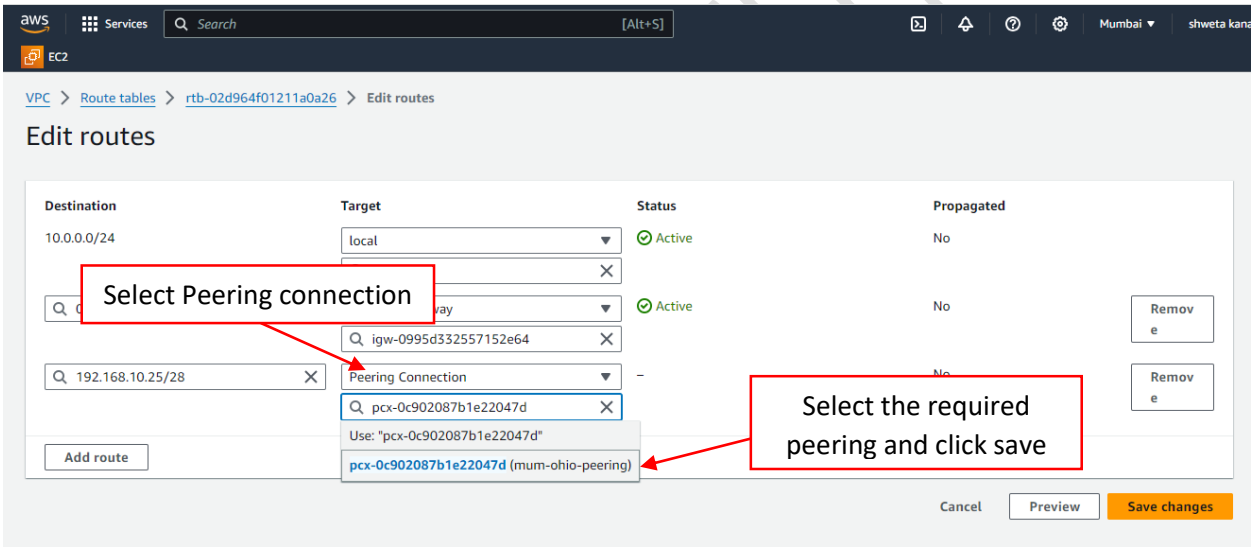
And also in Ohio region



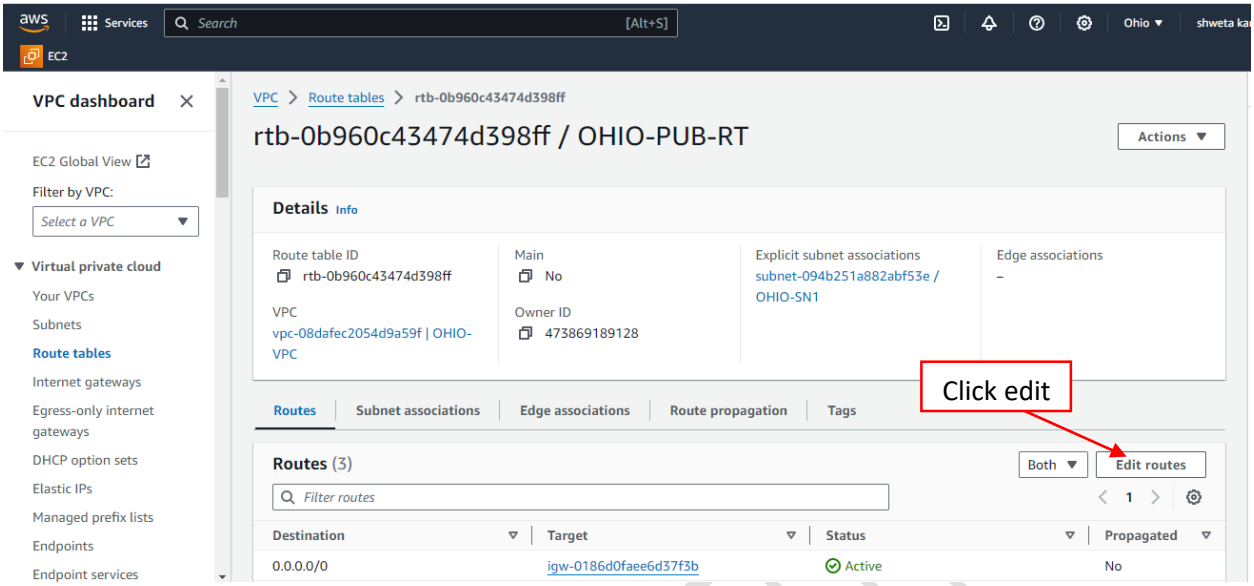
Step 6 : In Mumbai Region, Go to Route Table and edit the routes

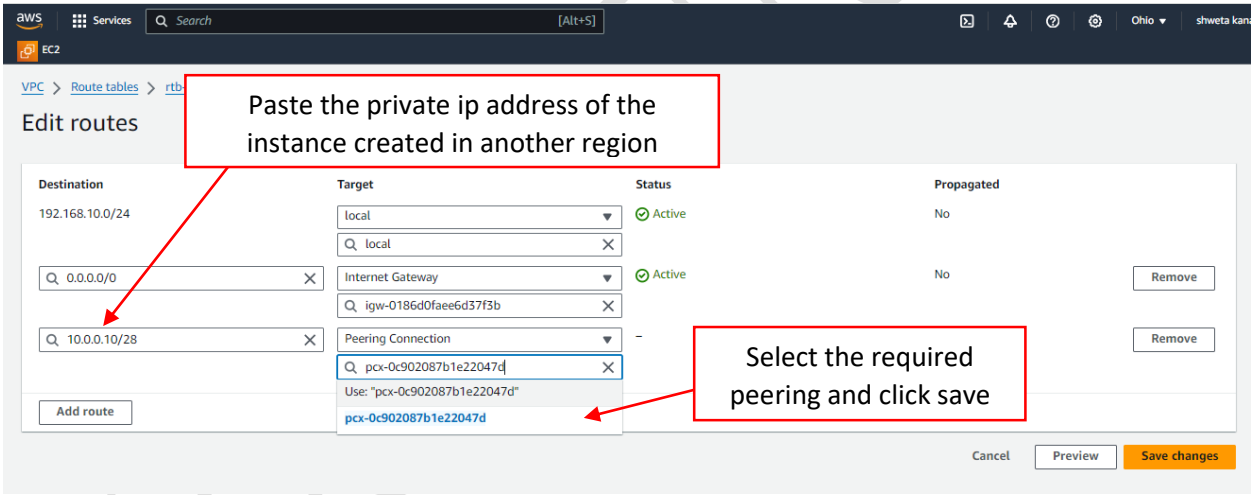



Services
Search
[Alt+S]
Mumbai
EC2
VPC > Route tables > rtb-02d964f01211a0a26 > Edit routes
Edit routes
Paste the private ip address of the instance created in another region
Destination
Propagated
10.0.0.0/24
local
No
0.0.0.0/0
Internet Gateway
Active
No
Remove
igw-0995d332557152e64
192.168.10.25/28
No
Remove
Add route


Services
Search
[Alt+S]
Mumbai
EC2
VPC > Route tables > rtb-02d964f01211a0a26 > Edit routes
Edit routes
Destination
Target
Status
Propagated
10.0.0.0/24
local
Active
No
Select Peering connection
Active
No
Remove
igw-0995d332557152e64
192.168.10.25/28
Peering Connection
No
Remove
pcx-0c902087b1e22047d
Use: "pcx-0c902087b1e22047d"
pcx-0c902087b1e22047d (mum-ohio-peering)
Select the required peering and click save
Add route
Cancel
Preview
Save changes

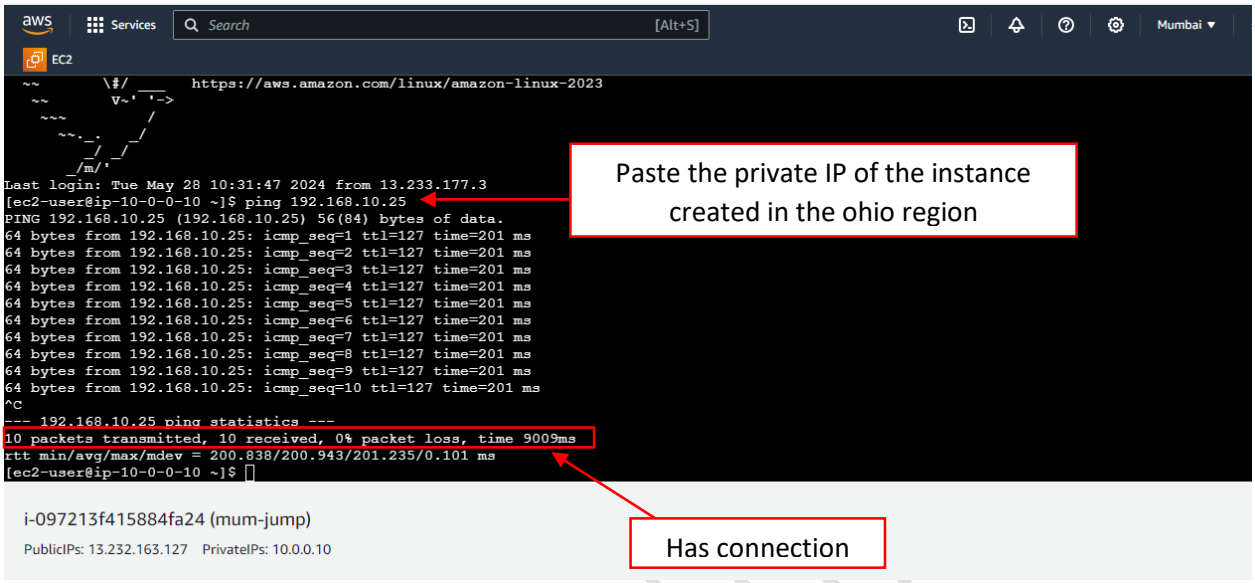
Similarly go to ohio region,





Step 7 : Connect the Mumbai region instance

Use the ping command to check there is a connection between two instances



Now connect the Ohio region instance