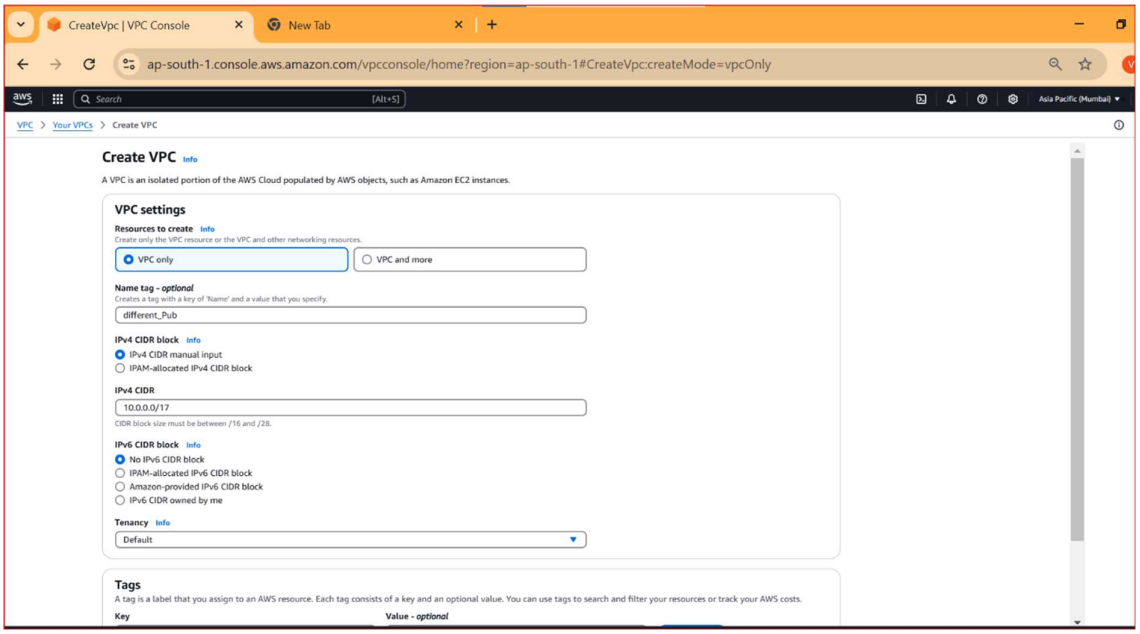
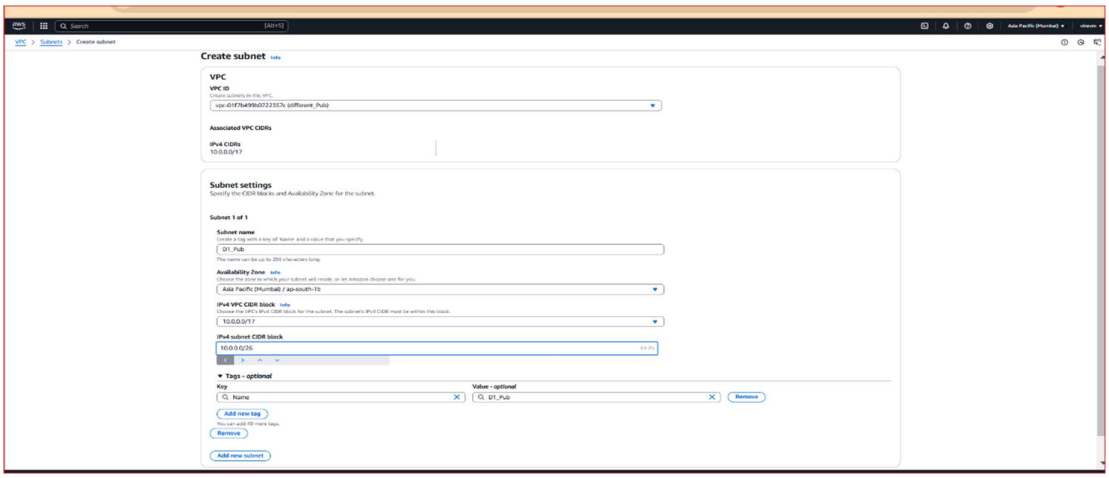
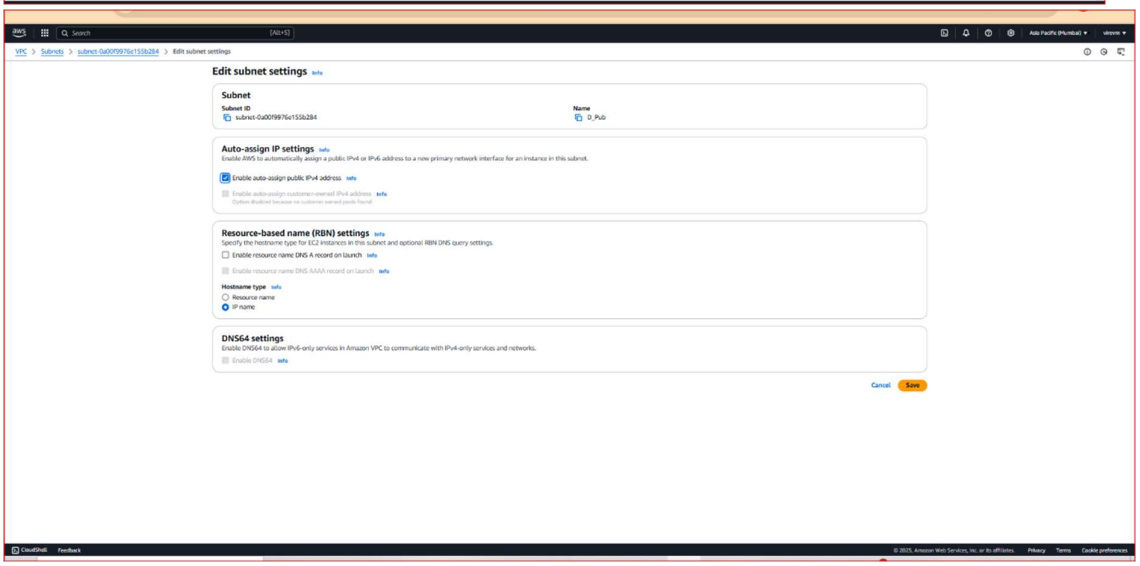
Create a VPC in the Mumbai Region

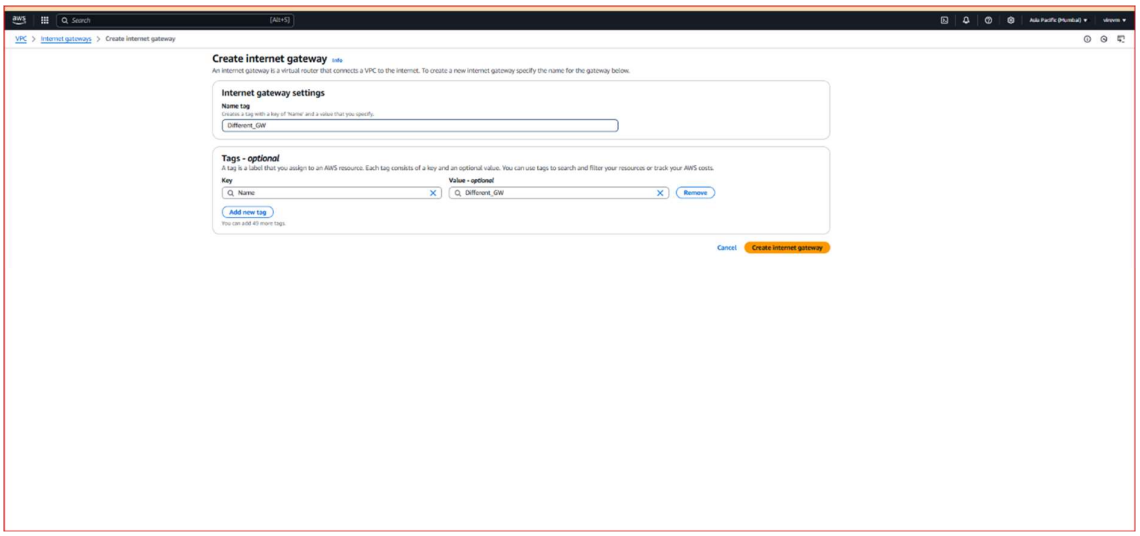


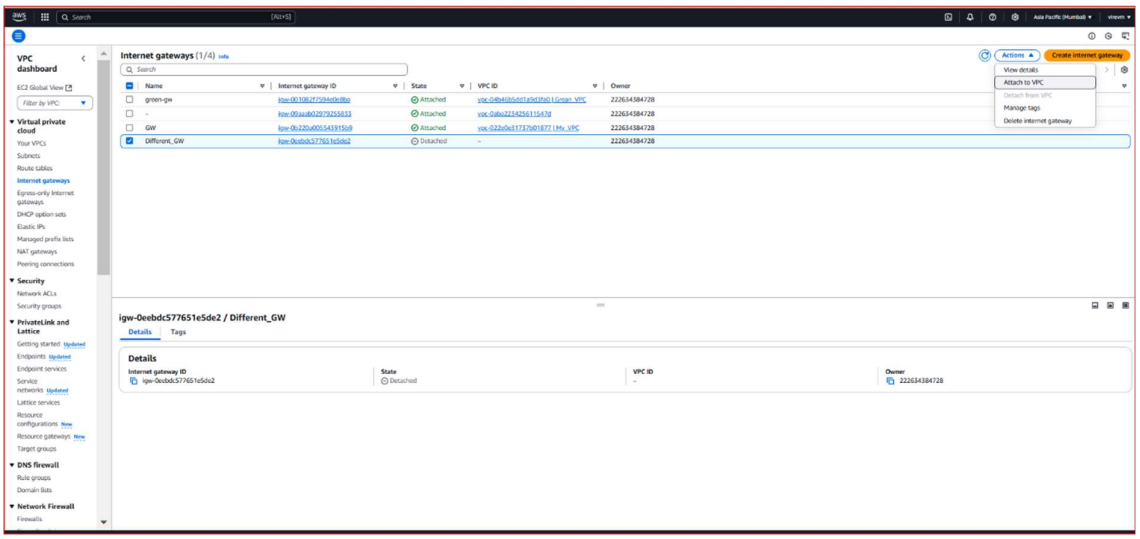
Mumbai Subnet:



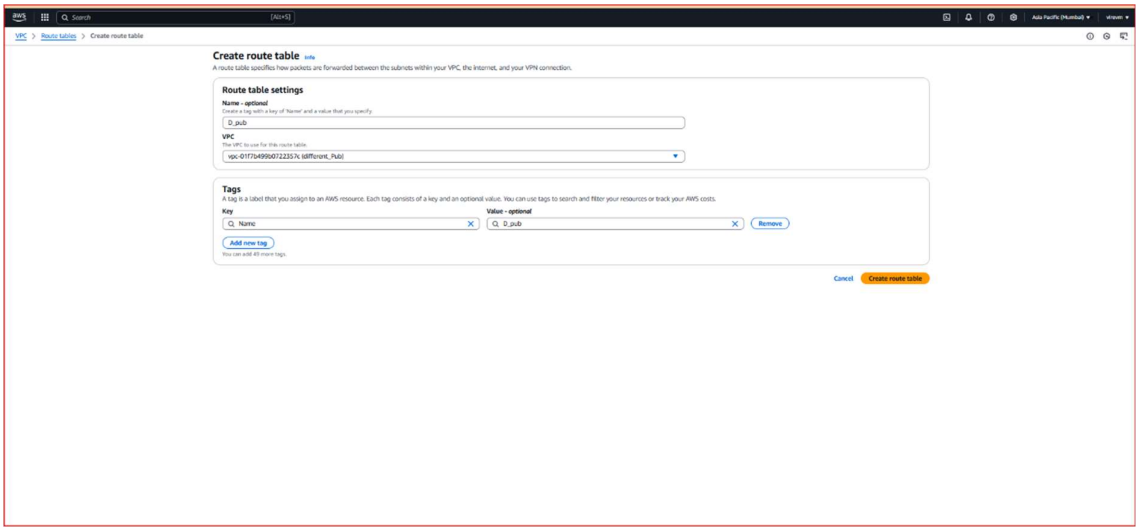


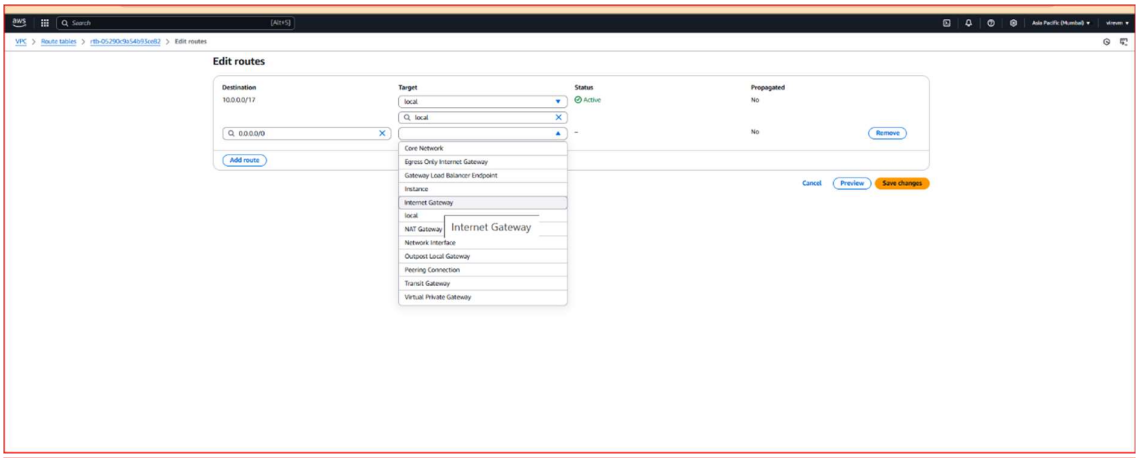
Create an Mumbai Internet Gateway:-

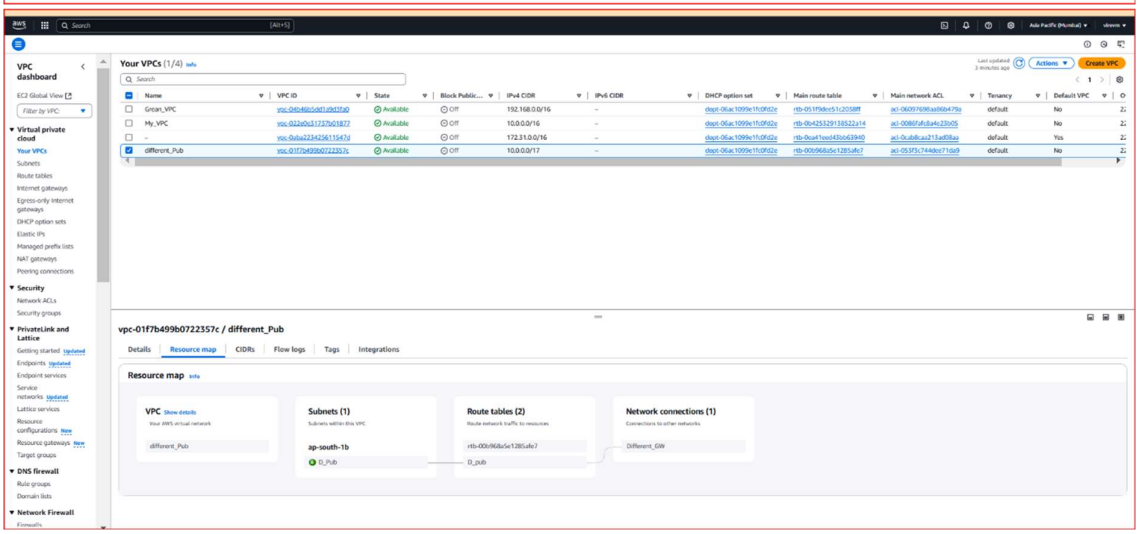




Create Route Tables







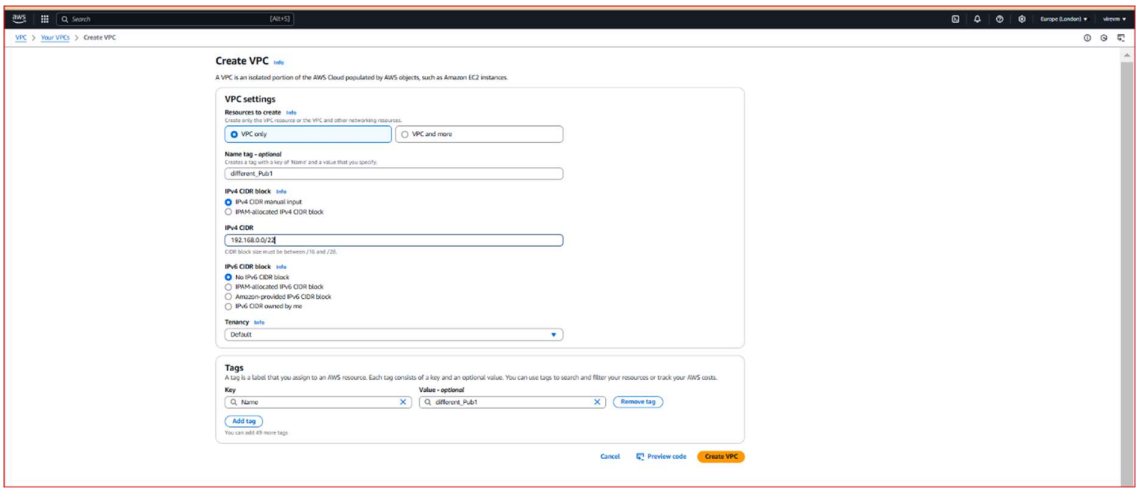
Mumbai Security Group:

SSH: Port 22, Source: 0.0.0.0/0.

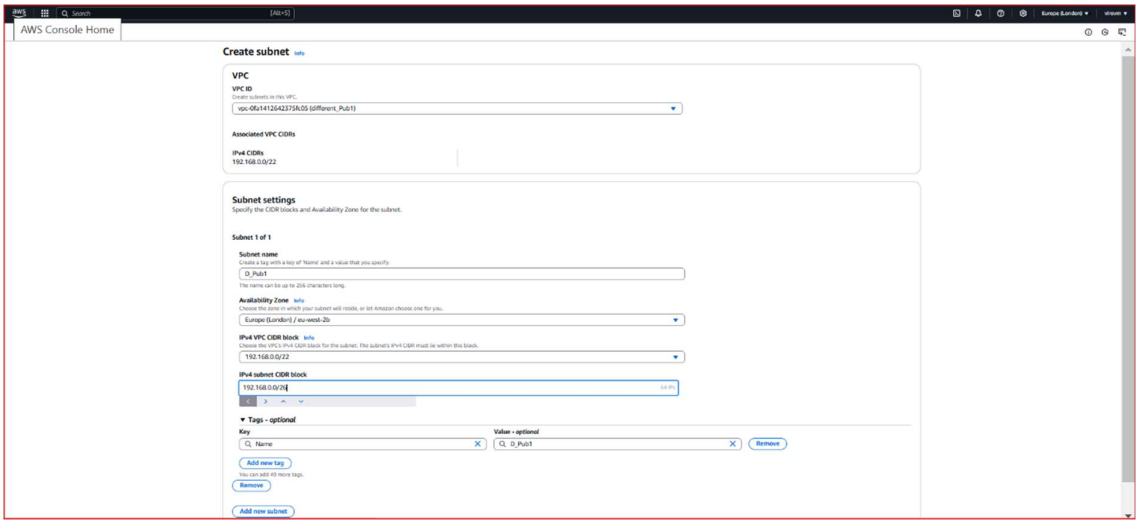
HTTP: Port 80, Source: 0.0.0.0/0.

ICMP: Source: 0.0.0.0/0.

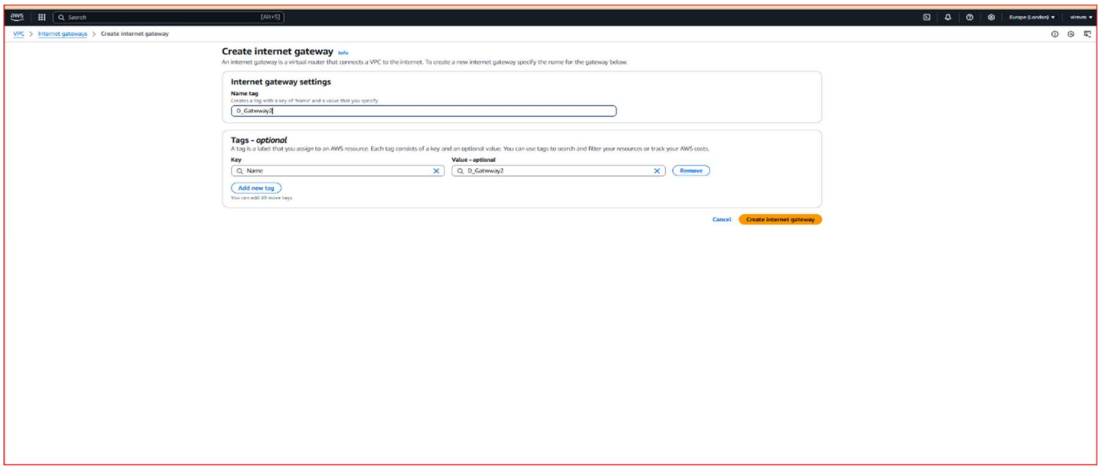
Create a VPC in the London Region

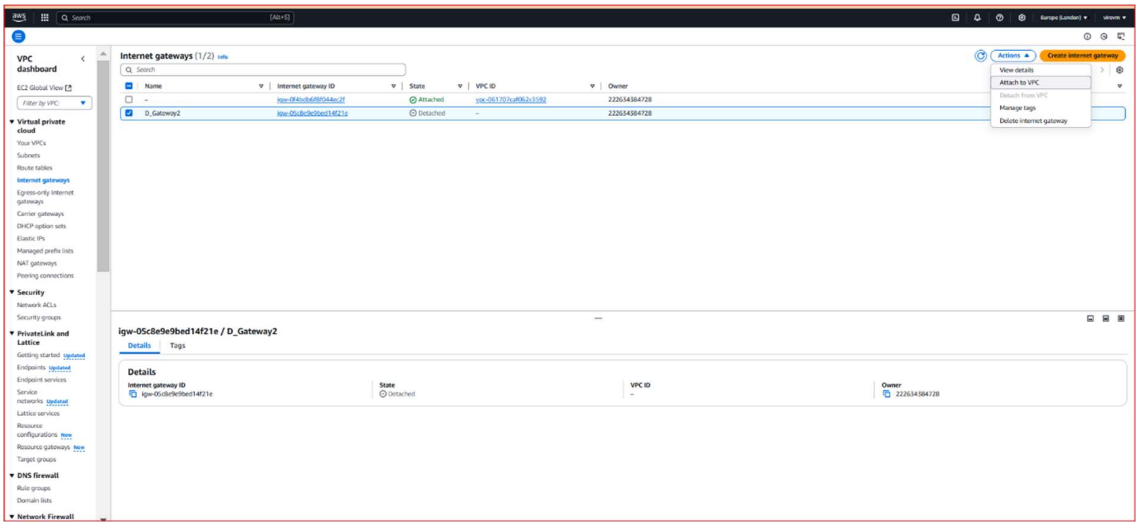


Create London Subnet:-

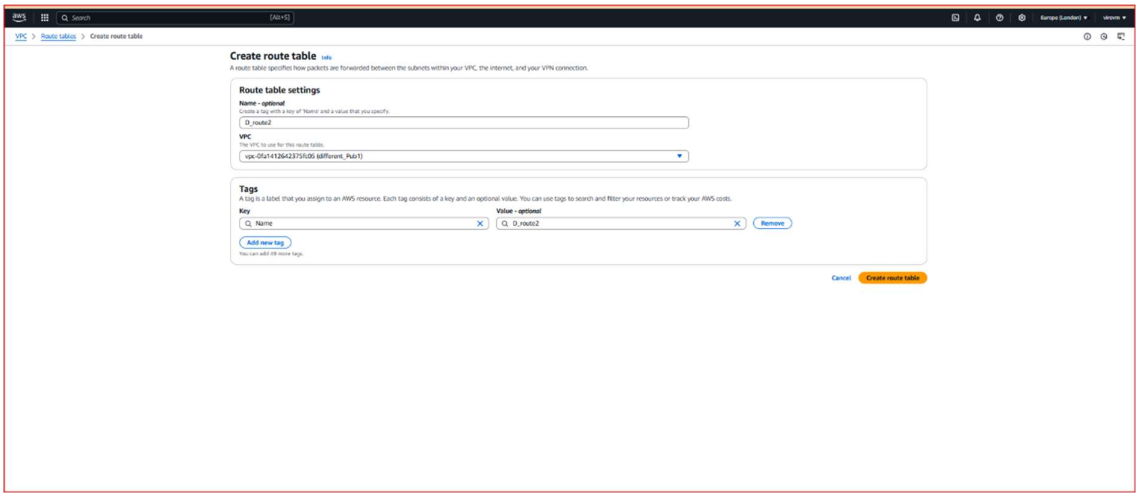


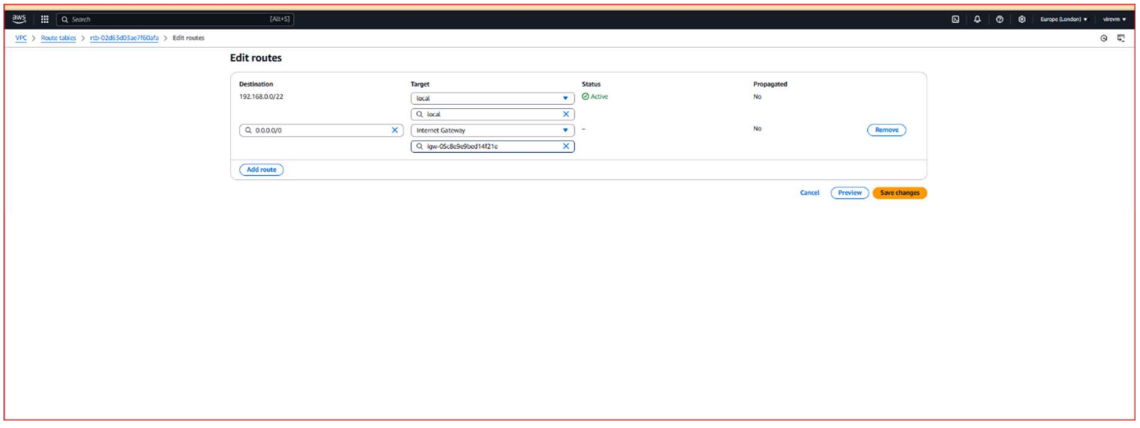
London Internet Gateway:

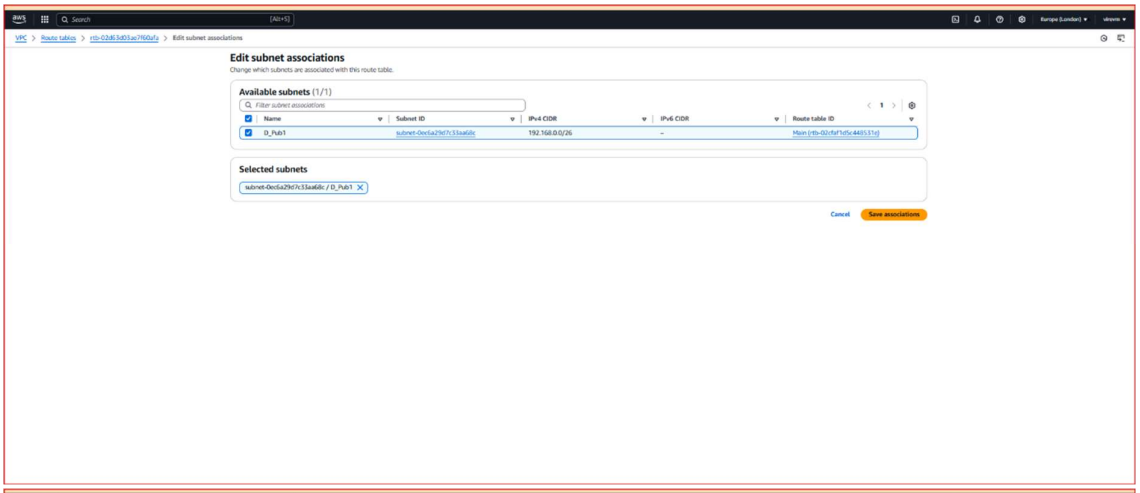


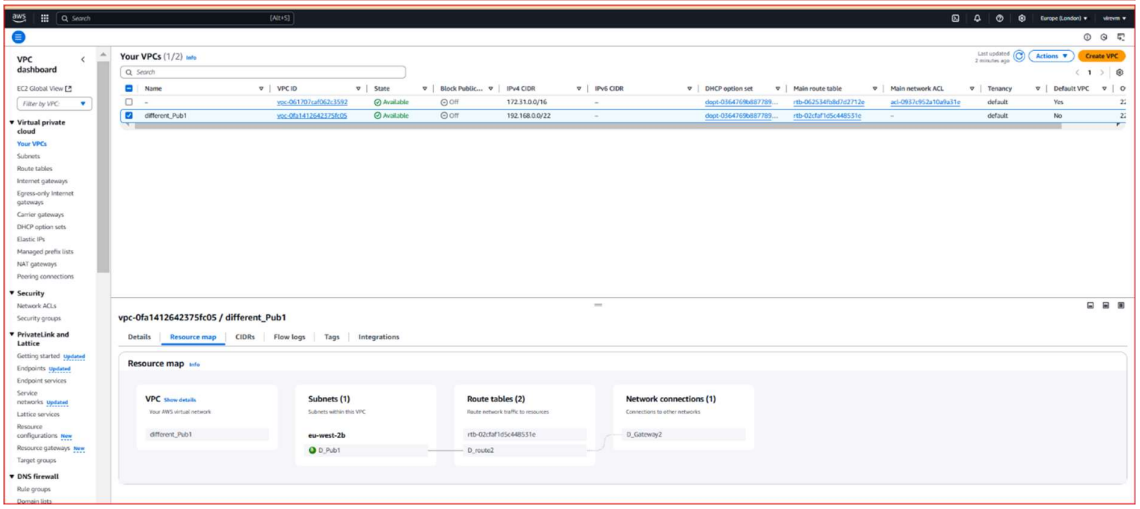


London Route Table









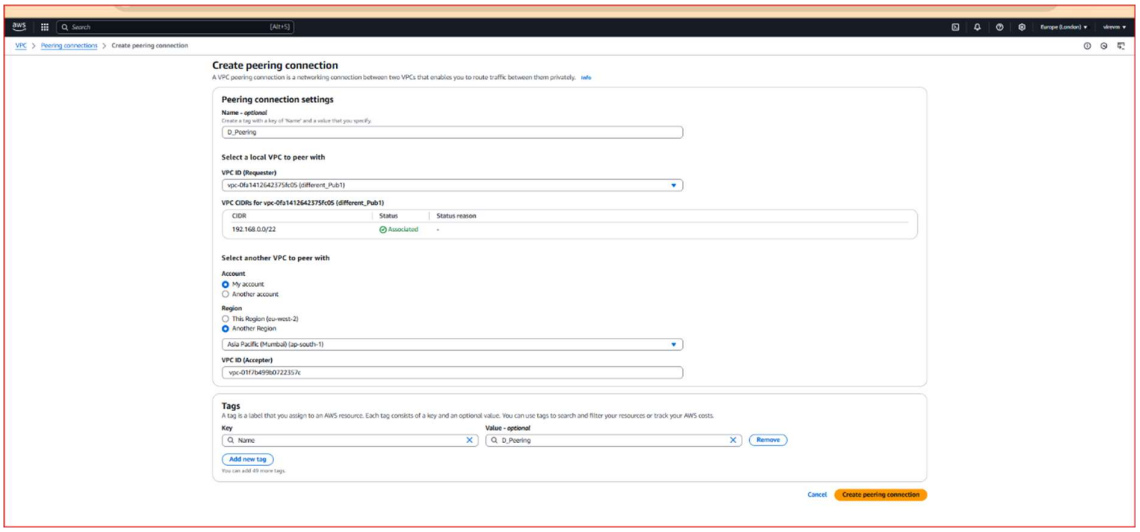
London Security Group:

SSH: Port 22, Source: 0.0.0.0/0.

HTTP: Port 80, Source: 0.0.0.0/0.

ICMP: Source: 0.0.0.0/0.

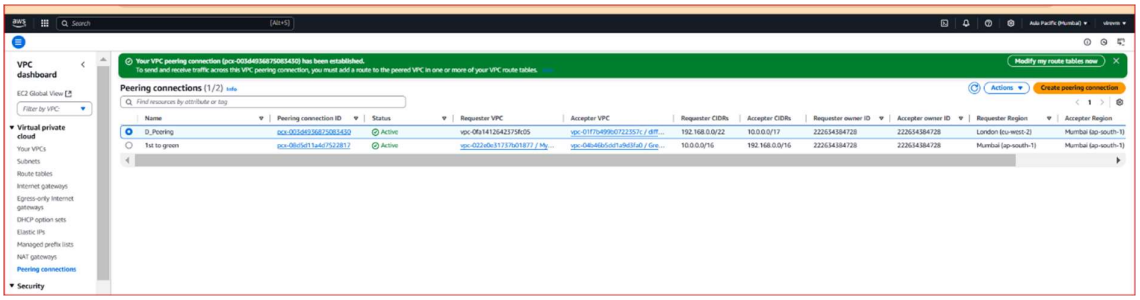
Establish VPC Peering Connection:-



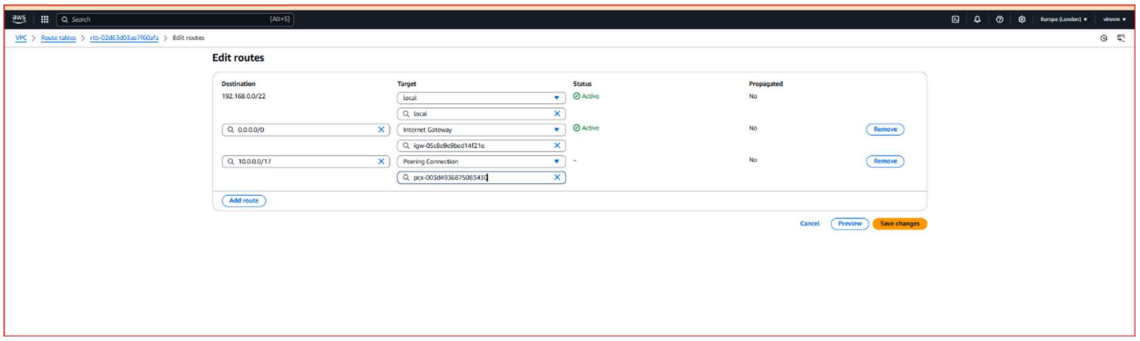
Requester VPC: Mumbai-VPC.

Accepter VPC: London-VPC

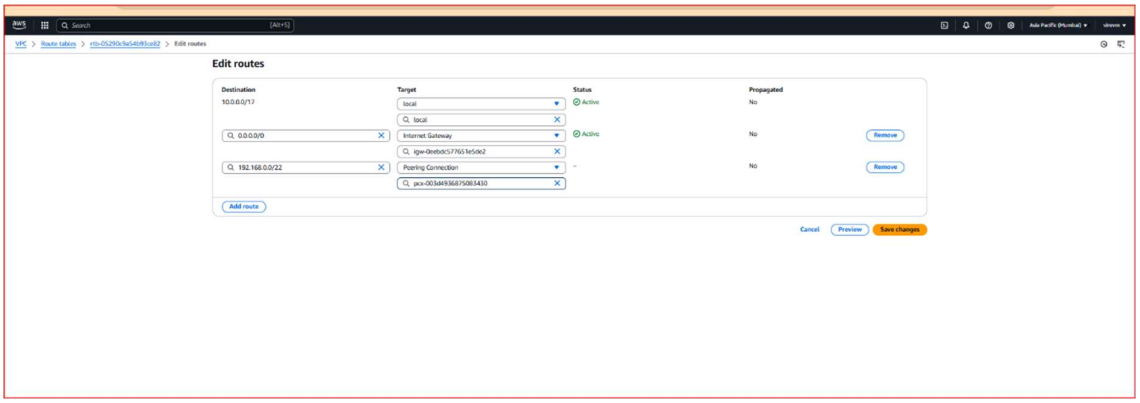
In the Mumbai region, accept the peering request in the VPC Peering Connections section

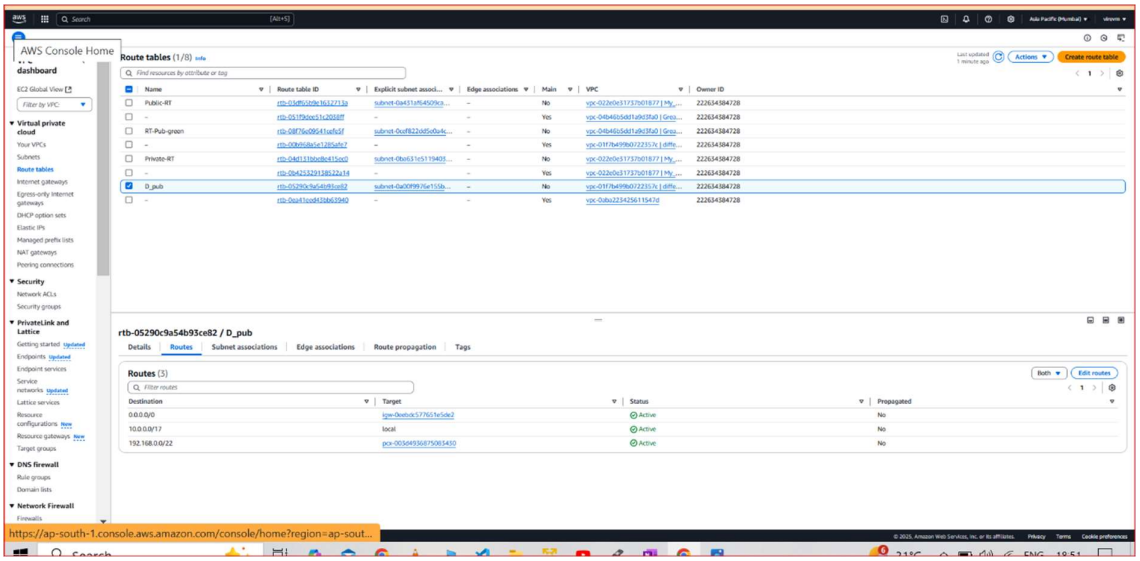


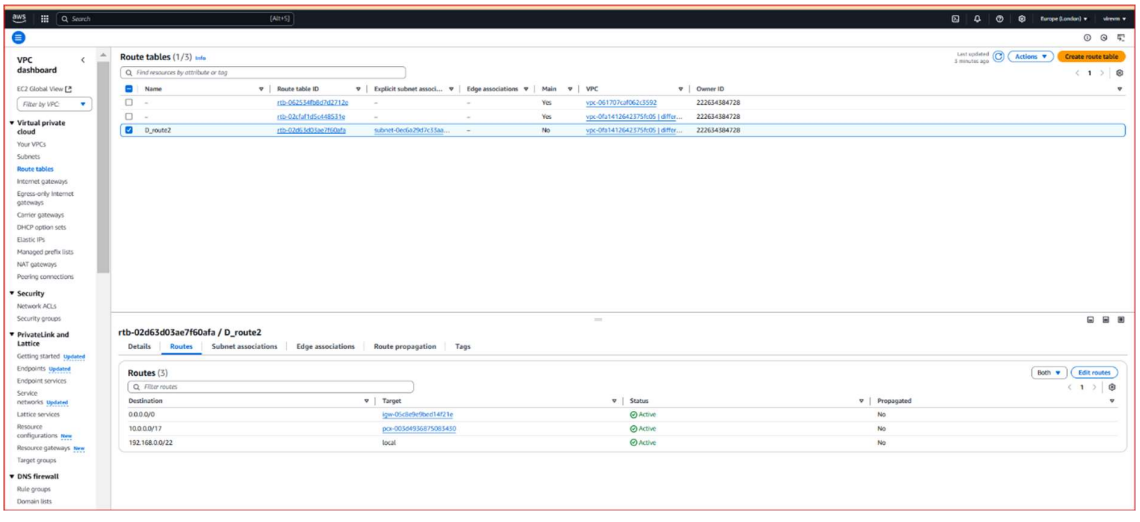
London Route Table:



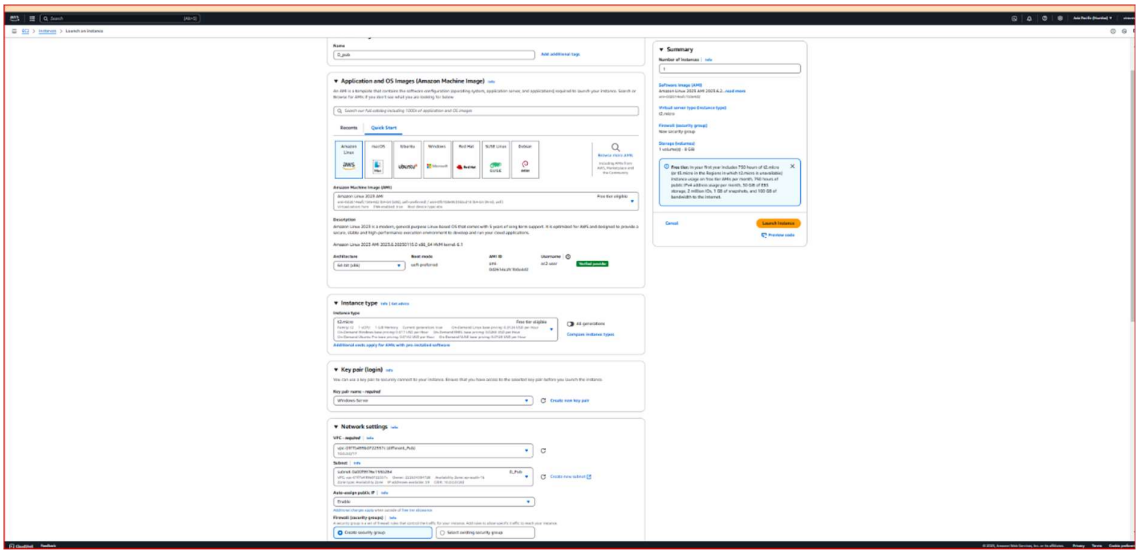
Mumbai Route Table:

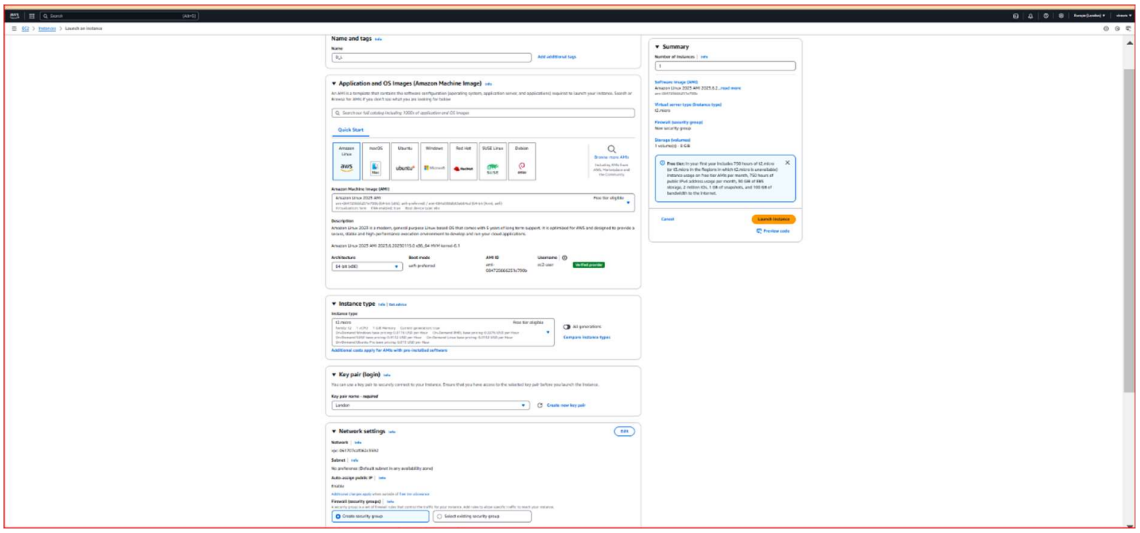


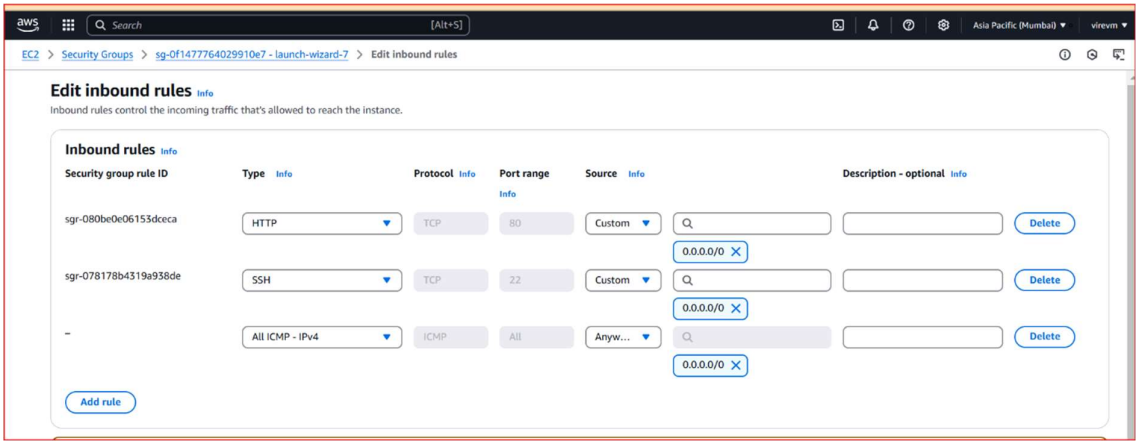


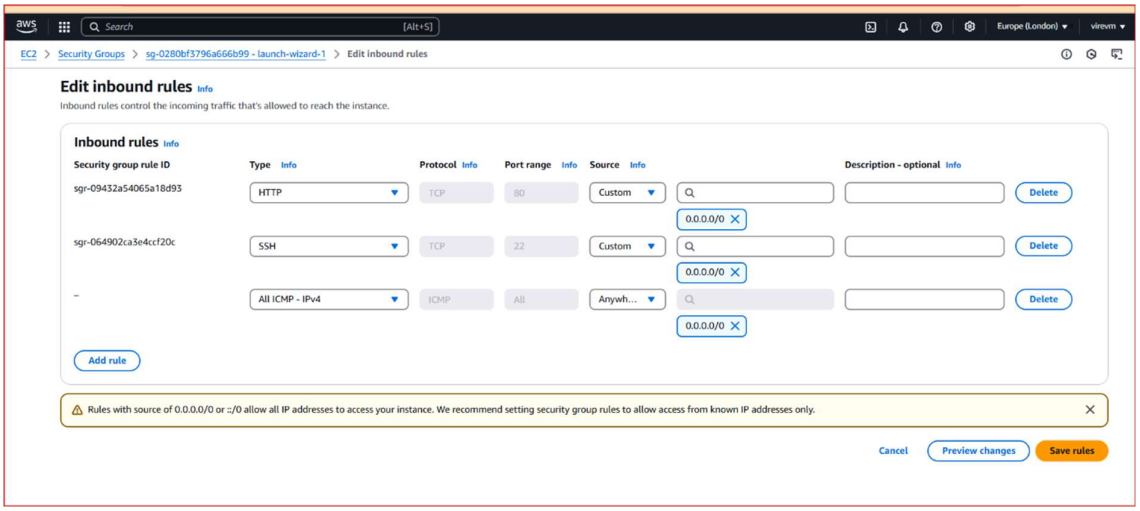


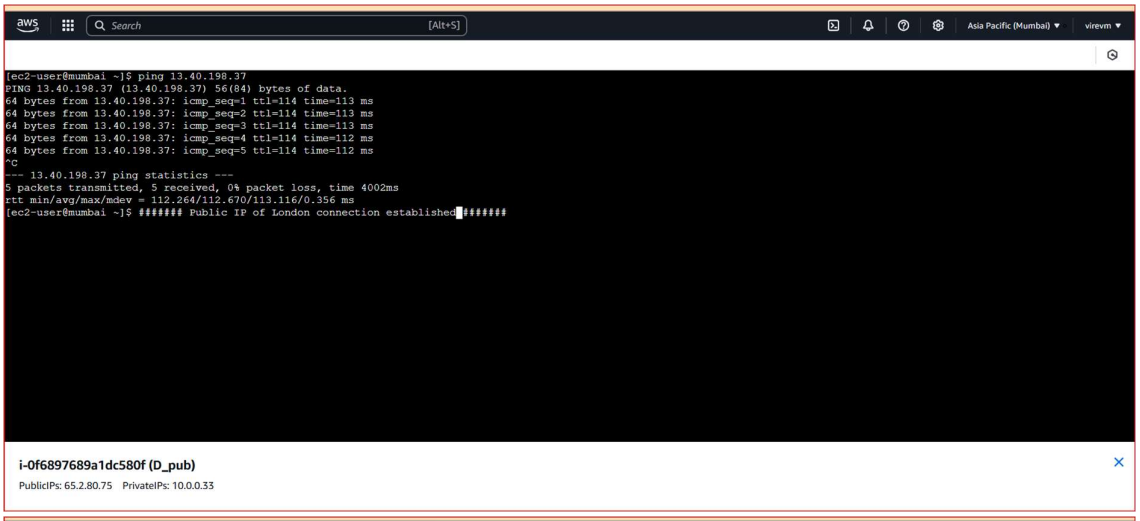
Launch EC2 Instances

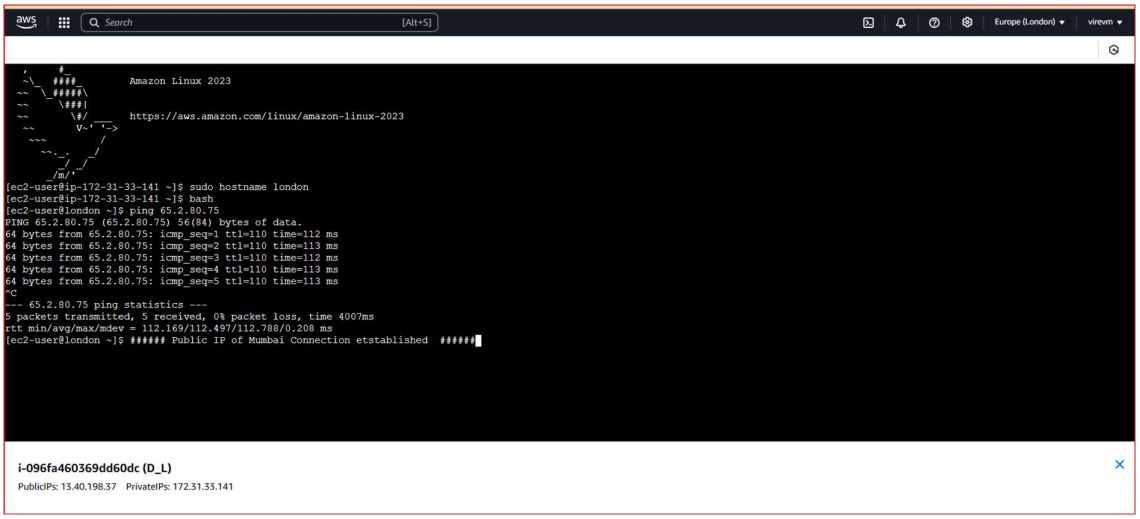







Search [Alt+S]
Europe (London)
virevm
EC2 > Security Groups > sg-0280bf3796a666b99 - launch-wizard-1 > Edit inbound rules
Edit inbound rules Info
Inbound rules control the incoming traffic that's allowed to reach the instance.
Inbound rules Info
Security group rule ID
Type Info
Protocol Info
Port range Info
Source Info
Description - optional Info
sgr-09432a54065a18d93
HTTP
TCP
80
Custom
0.0.0.0/0
Delete
sgr-064902ca3e4ccf20c
SSH
TCP
22
Custom
0.0.0.0/0
Delete
-
All ICMP - IPv4
ICMP
All
Anywh...
0.0.0.0/0
Delete
Add rule
Rules with source of 0.0.0.0/0 or ::/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.
Cancel
Preview changes
Save rules


Search [Alt+S]
Asia Pacific (Mumbai)
virevm
[ec2-user@mumbai ~]$ ping 13.40.198.37
PING 13.40.198.37 (13.40.198.37) 56(84) bytes of data.
64 bytes from 13.40.198.37: icmp_seq=1 ttl=114 time=113 ms
64 bytes from 13.40.198.37: icmp_seq=2 ttl=114 time=113 ms
64 bytes from 13.40.198.37: icmp_seq=3 ttl=114 time=113 ms
64 bytes from 13.40.198.37: icmp_seq=4 ttl=114 time=112 ms
64 bytes from 13.40.198.37: icmp_seq=5 ttl=114 time=112 ms
^C
--- 13.40.198.37 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4002ms
rtt min/avg/max/mdev = 112.264/112.670/113.116/0.356 ms
[ec2-user@mumbai ~]$ ####### Public IP of London connection established#######
i-0f6897689a1dc580f (D_pub)
PublicIPs: 65.2.80.75 PrivateIPs: 10.0.0.33


Search [Alt+S]
Europe (London)
virevm
Amazon Linux 2023
https://aws.amazon.com/linux/amazon-linux-2023
[ec2-user@ip-172-31-33-141 ~]$ sudo hostname london
[ec2-user@ip-172-31-33-141 ~]$ bash
[ec2-user@london ~]$ ping 65.2.80.75
PING 65.2.80.75 (65.2.80.75) 56(84) bytes of data.
64 bytes from 65.2.80.75: icmp_seq=1 ttl=110 time=112 ms
64 bytes from 65.2.80.75: icmp_seq=2 ttl=110 time=113 ms
64 bytes from 65.2.80.75: icmp_seq=3 ttl=110 time=112 ms
64 bytes from 65.2.80.75: icmp_seq=4 ttl=110 time=113 ms
64 bytes from 65.2.80.75: icmp_seq=5 ttl=110 time=113 ms
^C
--- 65.2.80.75 ping statistics ---
5 packets transmitted, 5 received, 0% packet loss, time 4007ms
rtt min/avg/max/mdev = 112.169/112.497/112.788/0.208 ms
[ec2-user@london ~]$ ###### Public IP of Mumbai Connection etstablished ######
i-096fa460369dd60dc (D_L)
PublicIPs: 13.40.198.37 PrivateIPs: 172.31.33.141