

# VPC Peering connection

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TOPIC: Vpc peering

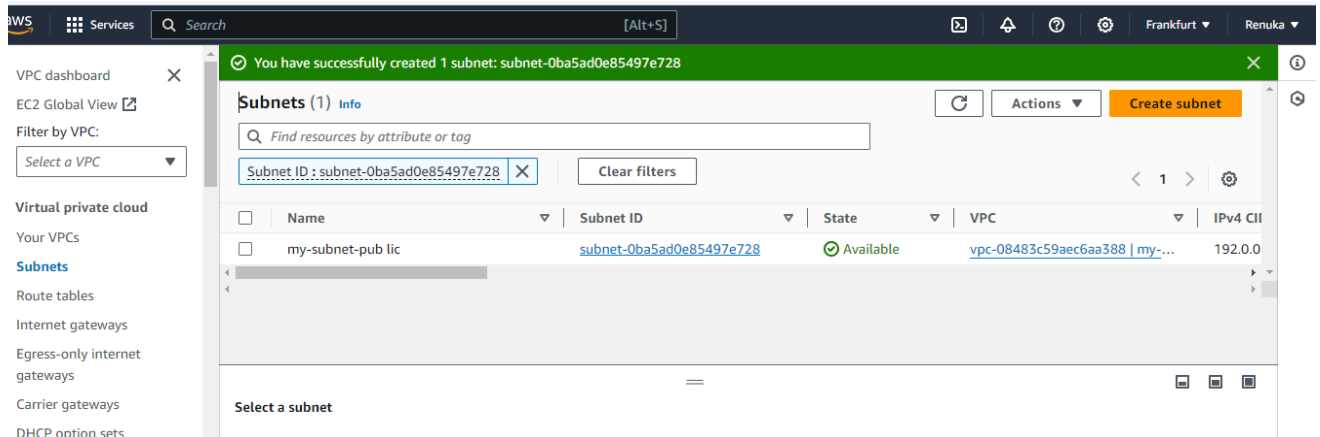
- **Creating vpc in amazon web service**

The screenshot displays the AWS VPC console interface. On the left, a sidebar menu lists various VPC-related resources: VPC dashboard, EC2 Global View, Filter by VPC (with a dropdown menu), Virtual private cloud (expanded), Your VPCs, Subnets, Route tables, Internet gateways, Egress-only internet gateways, Carrier gateways, DHCP option sets, and Elastic IPs. The main content area is titled 'Your VPCs (2) Info' and features a search bar, a refresh button, an 'Actions' dropdown, and a 'Create VPC' button. Below this, a table lists the VPCs:

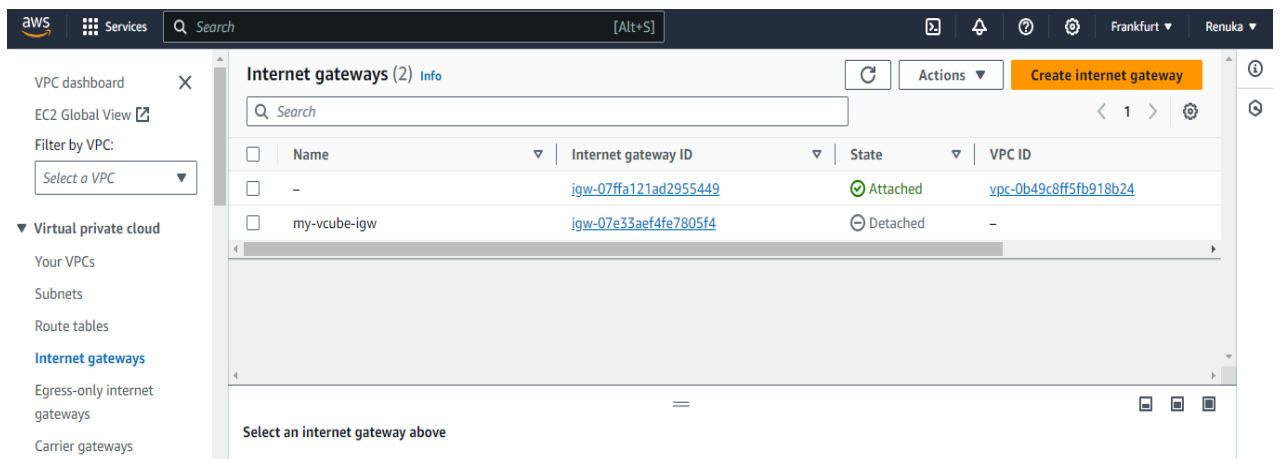
<input type="checkbox"/>	Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
<input type="checkbox"/>	-	<a href="#">vpc-0b49c8ff5fb918b24</a>	Available	172.31.0.0/16	-
<input type="checkbox"/>	my-peering-vpc	<a href="#">vpc-08483c59aec6aa388</a>	Available	192.0.0.0/16	-

Below the table, there is a section titled 'Select a VPC above' with three small icons.

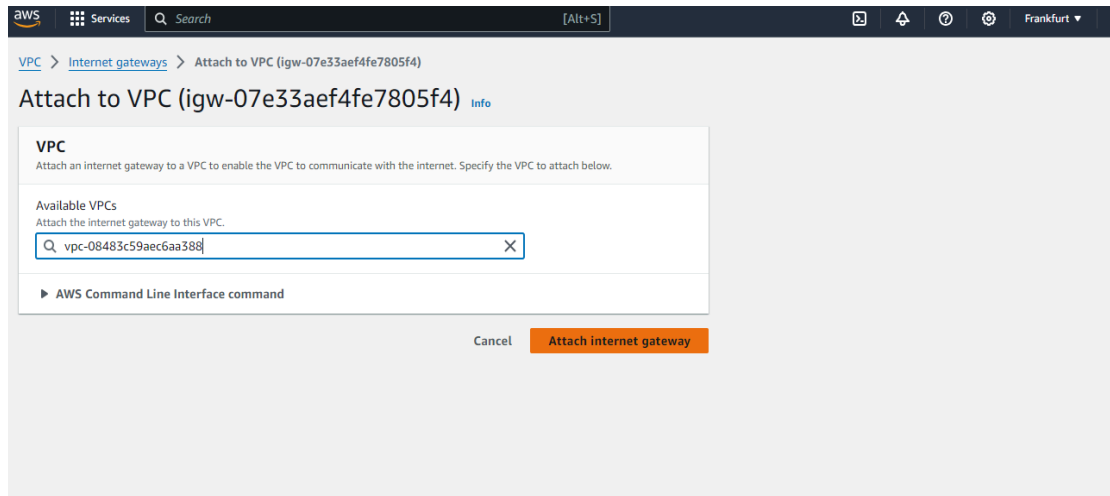
- **Creating the subnet**



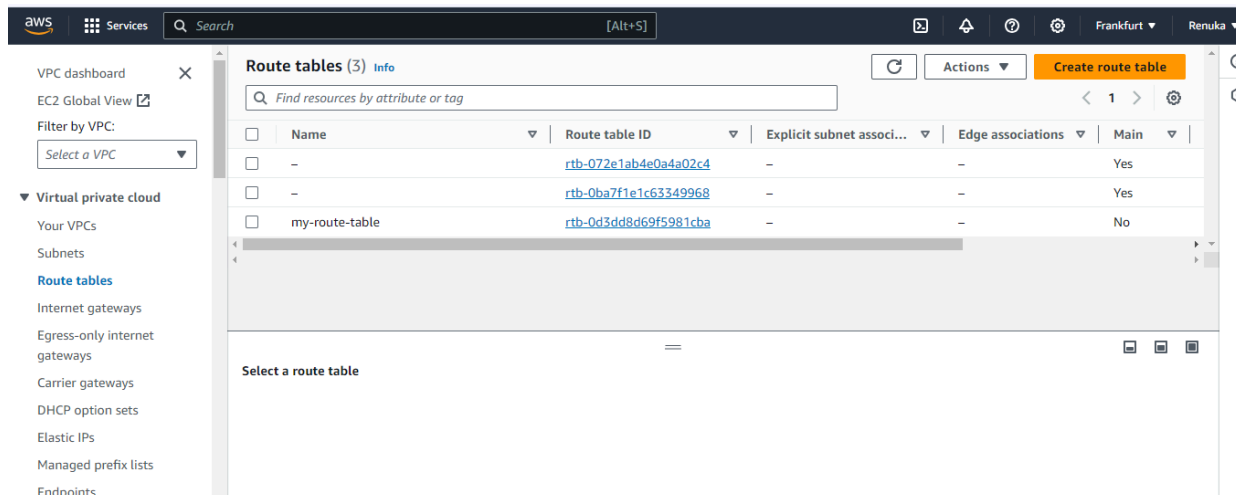
- **Creating internet gateway**



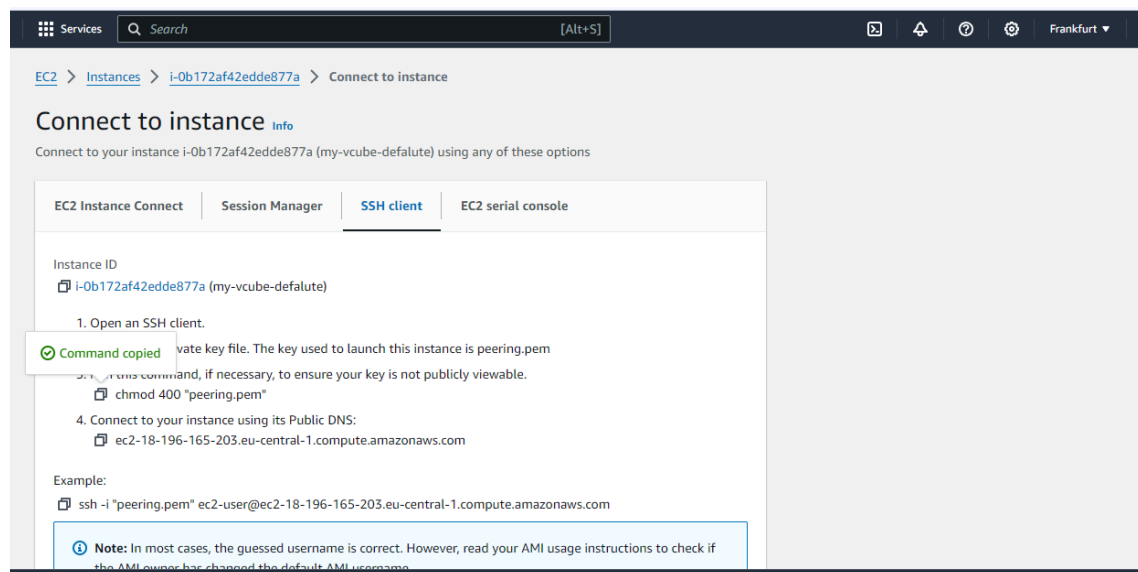
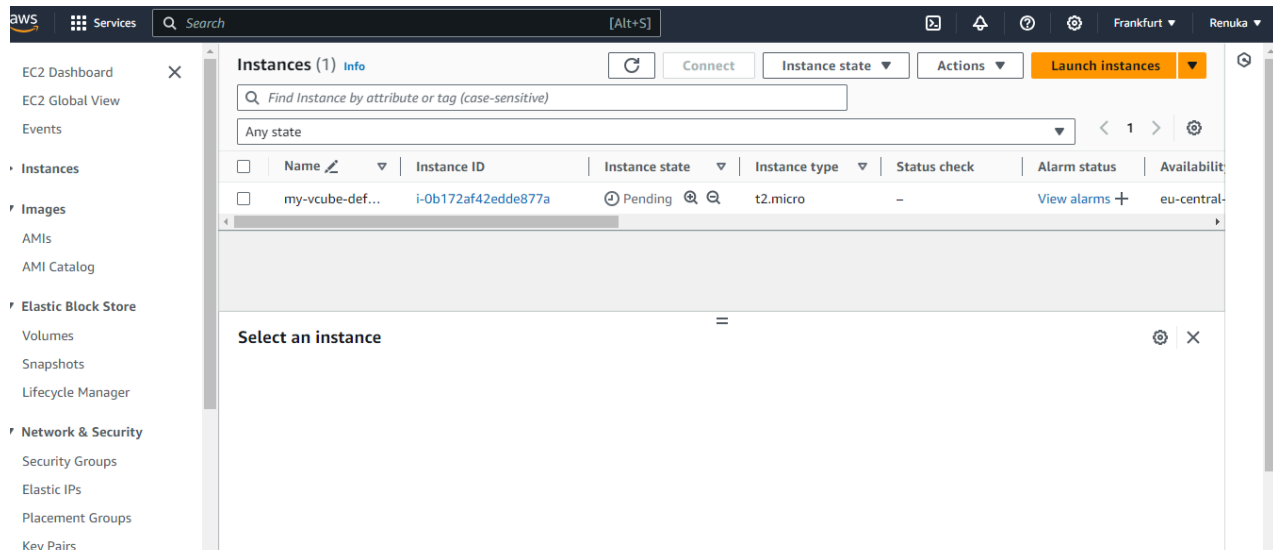
- **Attaching internet gateway to vpc**



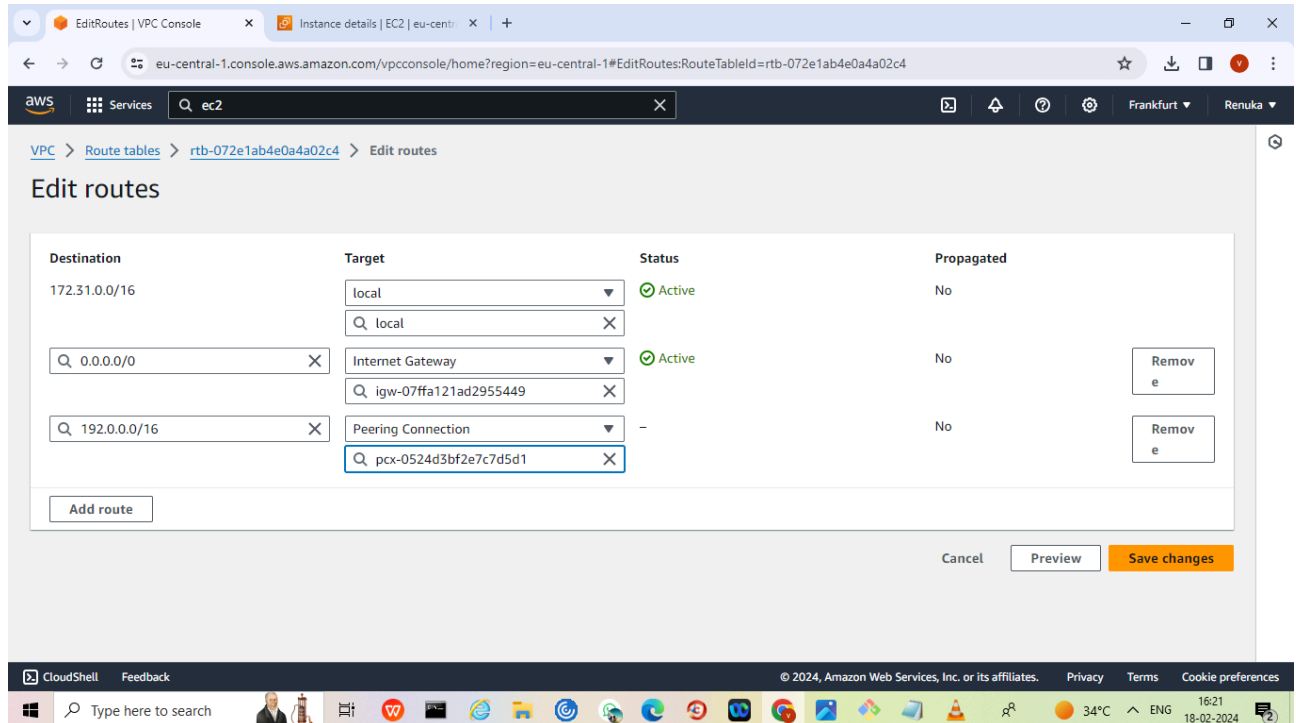
- **Creating route table**



## ● Creating ec2 instance and connecting



- **Connecting peering and editing the route table**



- **There are some basic steps involved in this like installing nginx, updating.**

- Now the peering will be applicable

```
Loaded: loaded (/usr/lib/systemd/system/nginx.service; disabled; preset: disabled)
Active: active (running) since Sun 2024-02-18 10:12:58 UTC; 1h 9min ago
Process: 25576 ExecStartPre=/usr/bin/rm -f /run/nginx.pid (code=exited, status=0/SUCCESS)
Process: 25580 ExecStartPre=/usr/sbin/nginx -t (code=exited, status=0/SUCCESS)
Process: 25587 ExecStart=/usr/sbin/nginx (code=exited, status=0/SUCCESS)
Main PID: 25596 (nginx)
Tasks: 2 (limit: 1114)
Memory: 2.2M
CPU: 56ms
CGroup: /system.slice/nginx.service
└─25596 "nginx: master process /usr/sbin/nginx"
   └─25602 "nginx: worker process"

Feb 18 10:12:58 ip-172-31-37-101.eu-central-1.compute.internal systemd[1]: Starting nginx.servi>
Feb 18 10:12:58 ip-172-31-37-101.eu-central-1.compute.internal nginx[25580]: nginx: the configu>
Feb 18 10:12:58 ip-172-31-37-101.eu-central-1.compute.internal nginx[25580]: nginx: configurati>
Feb 18 10:12:58 ip-172-31-37-101.eu-central-1.compute.internal systemd[1]: Started nginx.servic>
lines 1-18/18 (END)
^C
[root@ip-172-31-37-101 nginx]# systemctl start nginx
[root@ip-172-31-37-101 nginx]# 172.31.37.101:80
-bash: 172.31.37.101:80: command not found
[root@ip-172-31-37-101 nginx]# c /usr
-bash: c: command not found
[root@ip-172-31-37-101 nginx]# cd /usr/share/nginx/html
[root@ip-172-31-37-101 html]# curl 172.31.37.101:80
hello everyone good morning
[root@ip-172-31-37-101 html]#
```