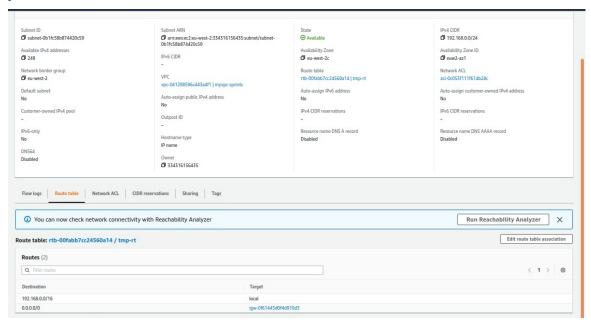
Task Day 2:

Create VPC

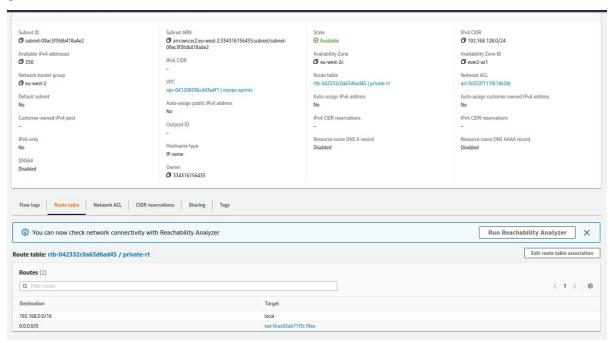


Create 2 subnets (pub, private)

public subnet - sub1

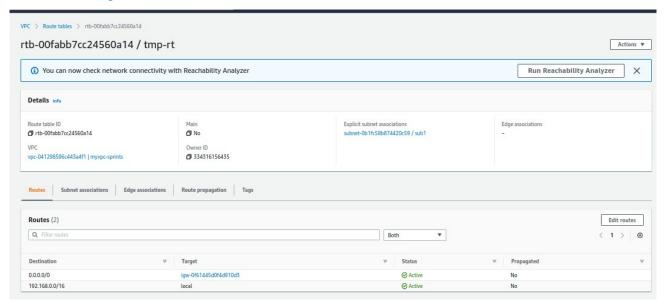


private subnet - sub2

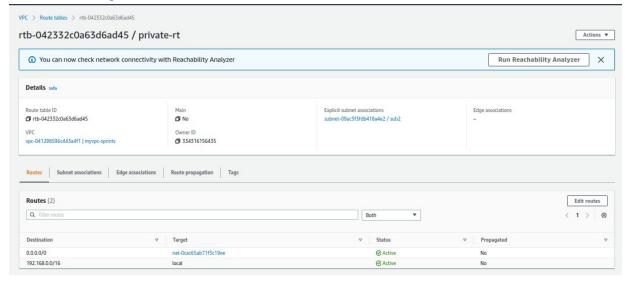


Create IGW, RT, NAT GW

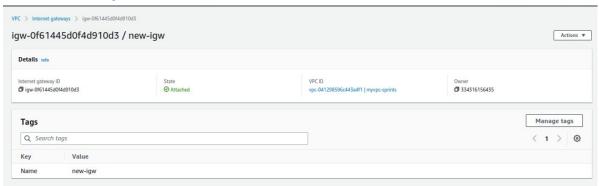
Route Table for public subnet



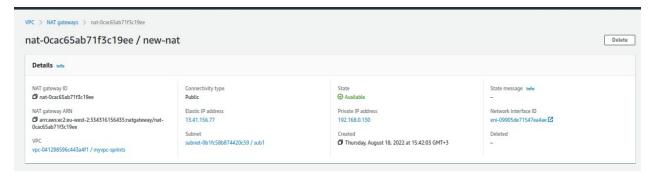
Route Table for private subnet



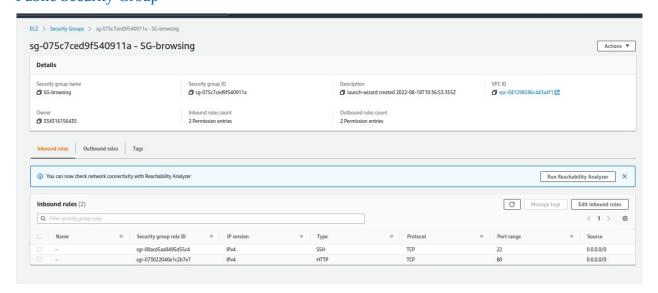
Internet Gate Way



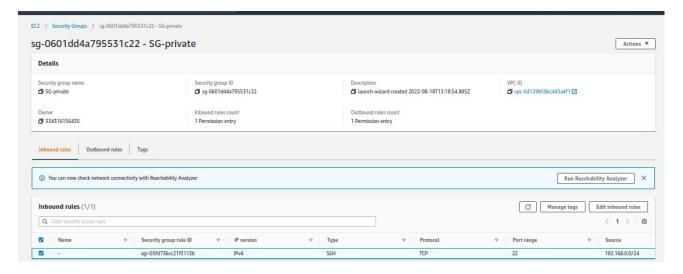
NAT Gate Way



Create 2 SGs (public_sg, private_sg) Public Security Group

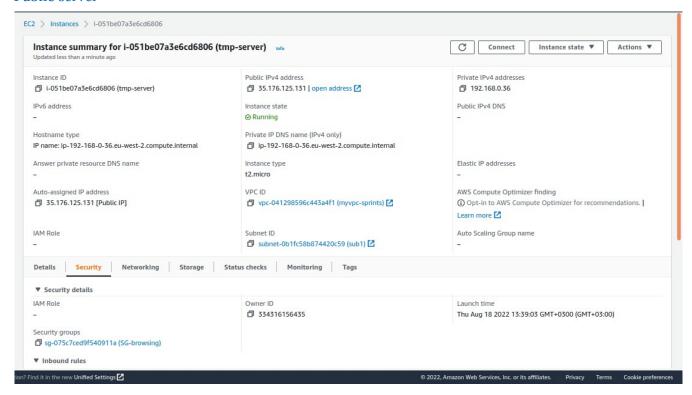


Private Security Group

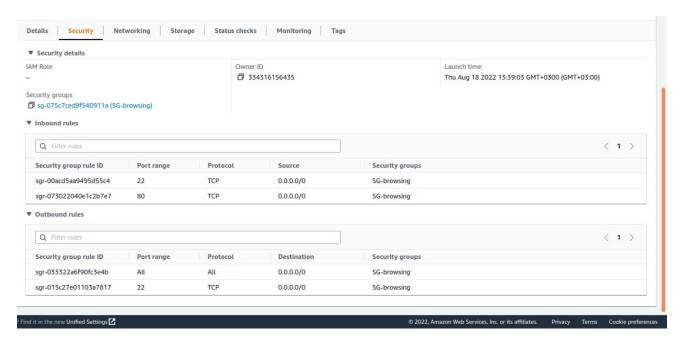


Create 2 instances (one in pub, one in private), and attach them to SG (public_sg, private_sg) in sequence.

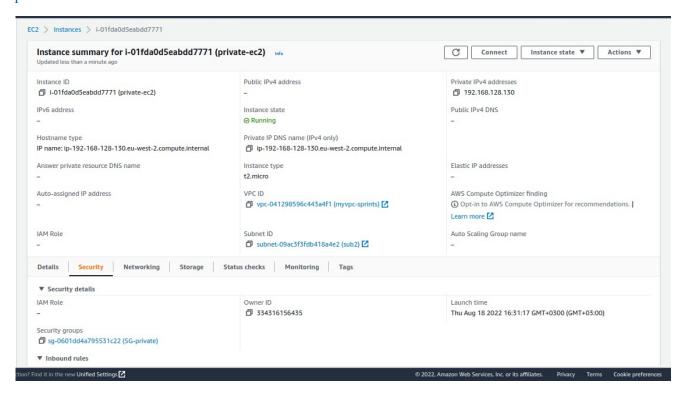
Public server



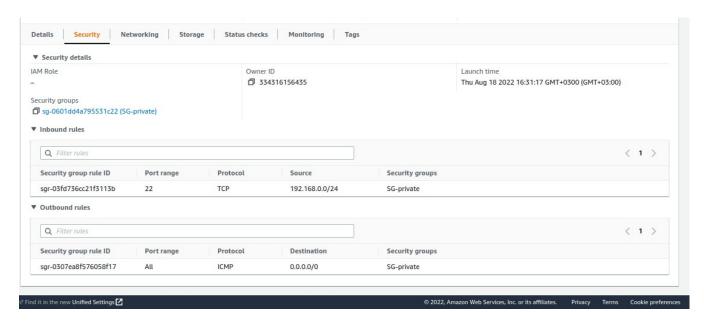
security group of the public server



private server



security group of the private server



Connect to your public EC2 from your local server Connect to private server from public server

```
dina@dina: ~/Downloads
dina@dina:~/Downloads$ ssh -i tmp-key.pem ec2-user@35.176.125.131
Last login: Thu Aug 18 17:06:32 2022 from ec2-3-8-235-255.eu-west-2.compute.amazonaws.com
                             Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-192-168-0-36 ~]$ ssh -i tmp-key.pem ec2-user@192.168.128.130
Last login: Thu Aug 18 17:14:46 2022 from 192.168.0.36
         https://aws.amazon.com/amazon-linux-2/
2 package(s) needed for security, out of 10 available Run "sudo yum update" to apply all updates.
[ec2-user@ip-192-168-128-130 ~]$ ping ietf.org
PING ietf.org (50.223.129.194) 56(84) bytes of data.
64 bytes from mail.ietf.org (50.223.129.194): icmp_seq=1 ttl=36 time=134 ms 64 bytes from mail.ietf.org (50.223.129.194): icmp_seq=2 ttl=36 time=133 ms 64 bytes from mail.ietf.org (50.223.129.194): icmp_seq=3 ttl=36 time=133 ms
^C
--- ietf.org ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2002ms rtt min/avg/max/mdev = 133.751/133.961/134.317/0.391 ms
[ec2-user@ip-192-168-128-130 ~]$ exit
logout
Connection to 192.168.128.130 closed.
[ec2-user@ip-192-168-0-36 ~]$ exit
Connection to 35.176.125.131 closed.
dina@dina:~/Downloads$
```