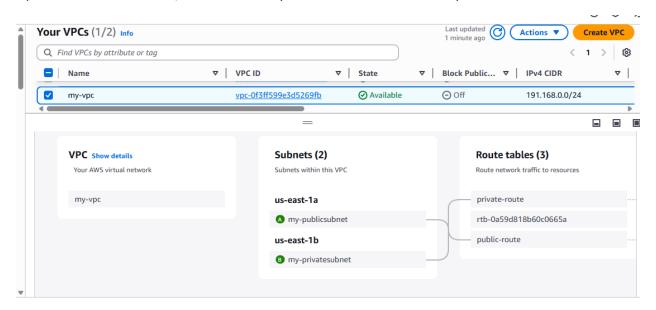
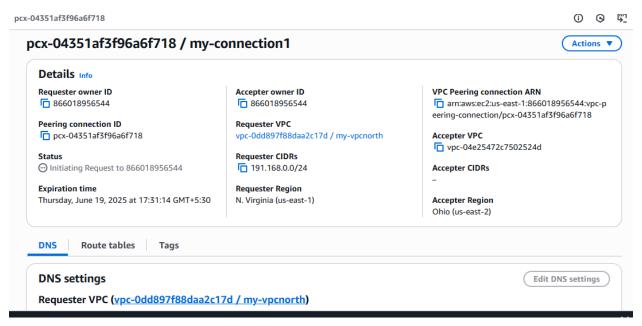
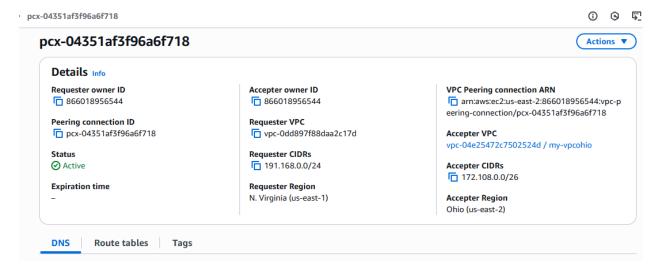
1) Create one VPC ,with 1 one public subnet and 1 private subnet.

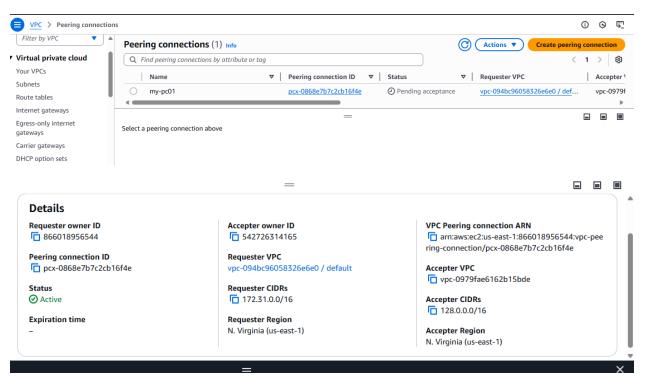


2) Enable VPC peering for cross region.

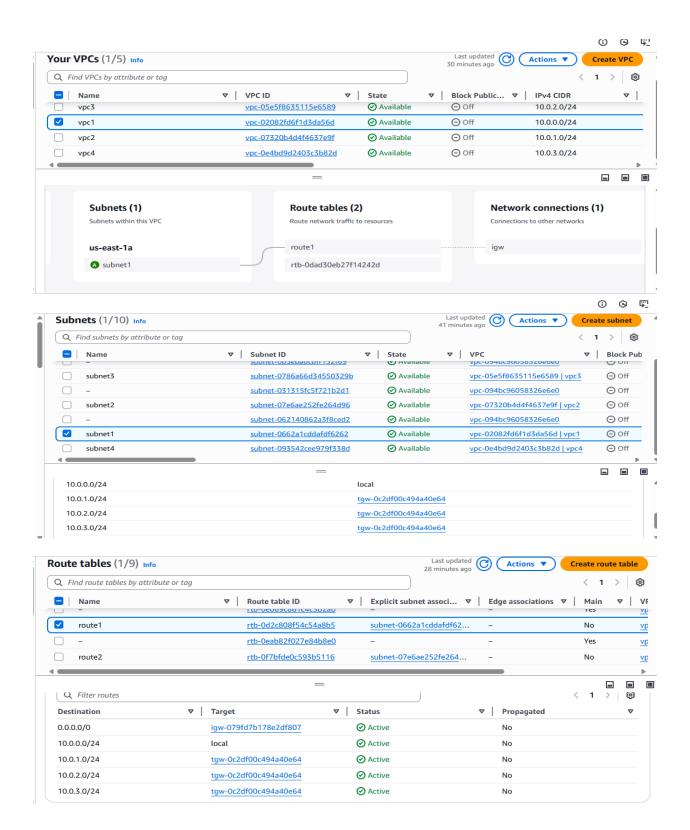


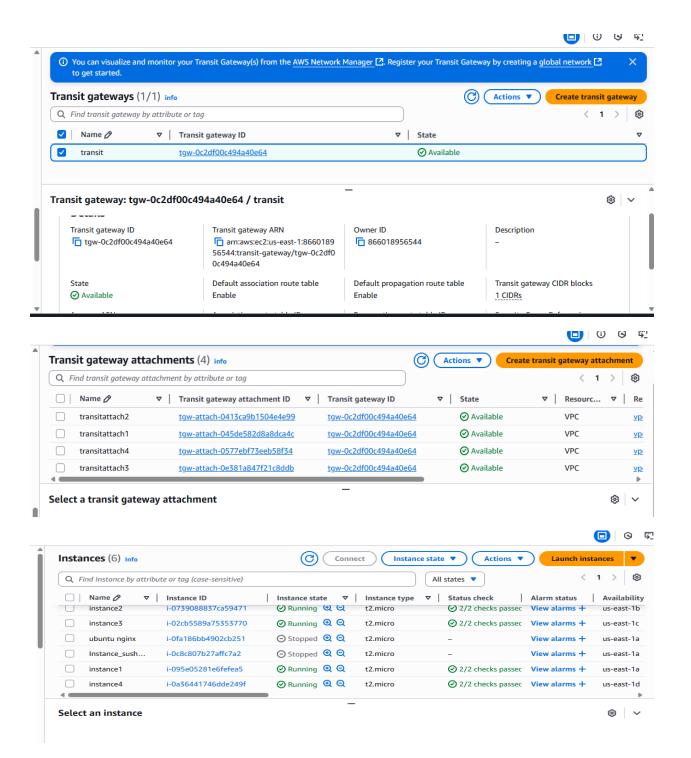


3) Enable VPC peering for cross account. (You can collaborate with your friend and do this task).



4) Setup VPC Transit gateway.





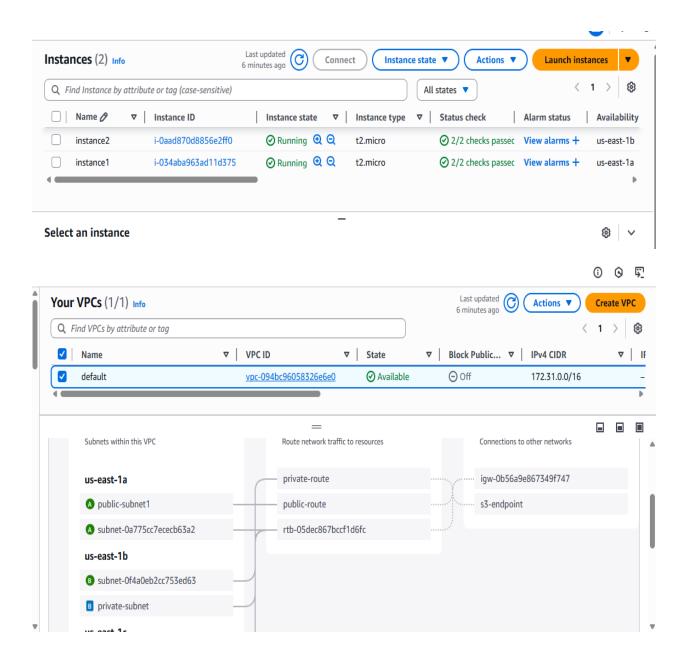
```
Composition of Amazon Linux is available!

Composition of Amazon Linux 2023, GA and supported until 2028-03-15.

Amazon Linux 2023, GA and supported until 2028-03-15.
```

```
[ec2-user@ip-10-0-1-10 ~]$ ping 10.0.2.8
PING 10.0.2.8 (10.0.2.8) 56(84) bytes of data.
64 bytes from 10.0.2.8: icmp_seq=1 ttl=254 time=3.10 ms
64 bytes from 10.0.2.8: icmp_seq=2 ttl=254 time=1.63 ms
64 bytes from 10.0.2.8: icmp_seq=3 ttl=254 time=1.60 ms
64 bytes from 10.0.2.8: icmp_seq=4 ttl=254 time=1.64 ms
64 bytes from 10.0.2.8: icmp_seq=5 ttl=254 time=1.61 ms
64 bytes from 10.0.2.8: icmp_seq=6 ttl=254 time=1.58 ms
64 bytes from 10.0.2.8: icmp_seq=7 ttl=254 time=1.62 ms
64 bytes from 10.0.2.8: icmp_seq=8 ttl=254 time=1.64 ms
64 bytes from 10.0.2.8: icmp_seq=9 ttl=254 time=1.52 ms
64 bytes from 10.0.2.8: icmp_seq=10 ttl=254 time=1.62 ms
64 bytes from 10.0.2.8: icmp_seq=11 ttl=254 time=1.78 ms
۸c
 -- 10.0.2.8 ping statistics ---
11 packets transmitted, 11 received, 0% packet loss, time 10016ms
rtt min/avg/max/mdev = 1.523/1.760/3.100/0.431 ms
[ec2-user@ip-10-0-1-10 ~]$ ping 10.0.3.9
PING 10.0.3.9 (10.0.3.9) 56(84) bytes of data.
64 bytes from 10.0.3.9: icmp_seq=1 ttl=254 time=2.48 ms
64 bytes from 10.0.3.9: icmp_seq=2 ttl=254 time=3.88 ms
64 bytes from 10.0.3.9: icmp_seq=3 ttl=254 time=1.18 ms
--- 10.0.3.9 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2002ms
rtt min/avg/max/mdev = 1.186/2.518/3.886/1.104 ms
[ec2-user@ip-10-0-1-10 ~]$ ping 10.0.1.10
PING 10.0.1.10 (10.0.1.10) 56(84) bytes of data.
64 bytes from 10.0.1.10: icmp_seq=1 ttl=255 time=0.024 ms
64 bytes from 10.0.1.10: icmp_seq=2 ttl=255 time=0.032 ms
64 bytes from 10.0.1.10: icmp_seq=3 ttl=255 time=0.031 ms
64 bytes from 10.0.1.10: icmp_seq=4 ttl=255 time=0.031 ms
64 bytes from 10.0.1.10: icmp_seq=5 ttl=255 time=0.031 ms
64 bytes from 10.0.1.10: icmp_seq=6 ttl=255 time=0.034 ms
64 bytes from 10.0.1.10: icmp_seq=7 ttl=255 time=0.045 ms
64 bytes from 10.0.1.10: icmp_seq=8 ttl=255 time=0.033 ms
64 bytes from 10.0.1.10: icmp_seq=9 ttl=255 time=0.034 ms
64 bytes from 10.0.1.10: icmp_seq=10 ttl=255 time=0.035 ms
64 bytes from 10.0.1.10: icmp_seq=11 ttl=255 time=0.043 ms
64 bytes from 10.0.1.10: icmp_seq=12 ttl=255 time=0.035 ms
--- 10.0.1.10 ping statistics ---
12 packets transmitted, 12 received, 0% packet loss, time 11258ms
rtt min/avg/max/mdev = 0.024/0.034/0.045/0.005 ms
```

5) Setup VPC End Point.



```
CODESKTOP-SIMOQCN MINGW64 ~/Downloads

ssh -i "sushma.pem" ec2-user@ec2-34-227-109-228.compute-1.amazonaws.com

he authenticity of host 'ec2-34-227-109-228.compute-1.amazonaws.com (34.227.109.228)' can't be established.

p25519 key fingerprint is SHA256:Uzj3p+pf/colj/WBtebvXhlFUwYV6Uvs/aP3MuNKSCY.

his key is not known by any other names
re you sure you want to continue connecting (yes/no/[fingerprint])? yes
arning: Permanently added 'ec2-34-227-109-228.compute-1.amazonaws.com' (ED25519) to the list of known hosts.
                                                   Amazon Linux 2
                                                   AL2 End of Life is 2026-06-30.
                                                     Amazon Linux 2023, GA and supported until 2028-03-15.
https://aws.amazon.com/linux/amazon-linux-2023/
  ec2-user@ip-172-31-109-196 ~]$ sudo su
root@ip-172-31-109-196 ec2-user]# clear
root@ip-172-31-109-196 ec2-user]# aws --version
ws-cli/1.18.147 Python/2.7.18 Linux/5.10.237-230.949.amzn2.x86_64 botocore/1.18
     or
'oot@ip-172-31-109-196 ec2-user]# aws s3 ls
nable to locate credentials. You can configure credentials by running "aws conf
  Inable to locate credentials. You can configure grew.

gure".

root@ip-172-31-109-196 ec2-user]# aws configure
WS Access Key ID [None]: AKIA4TIWASUAIWHBJHYG
WS secret Access Key [None]: 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
iefault region name [None]: us-east-1
iefault output format [None]: json
root@ip-172-31-109-196 ec2-user]# aws s3 ls
1025-06-10 13:58:15 my-bucket-06:11998
root@ip-172-31-109-196 ec2-user]# find / -name proile
root@ip-172-31-109-196 ec2-user]# find / -name profile
/etc/profile
/etc/profile
 [root@ip-172-31-109-196 .aws]# ssh -i test.pem ec2-user@172.31.142.11
The authenticity of host '172.31.142.117 (172.31.142.117)' can't be established. ECDSA key fingerprint is SHA256:XXEkmcXcgJV2so4cmj6dH0QIS98NwpGqMn1lxGWI4+g.
 ECDSA key fingerprint is MD5:c0:82:2f:23:28:f3:a3:ab:e3:d5:58:55:91:e4:0d:df.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '172.31.142.117' (ECDSA) to the list of known hosts.
                   ####_
                                                      Amazon Linux 2023
                \_####\
                       \###|
                            \#/
V~' '->
                                                     https://aws.amazon.com/linux/amazon-linux-2023
                    /m/'
[ec2-user@ip-172-31-142-117 ~]$ sudo so
sudo: so: command not found
 [ec2-user@ip-172-31-142-117 ~]$ sudo su ~
su: user /home/ec2-user does not exist or the user entry does not contain all the required fields
 [ec2-user@ip-172-31-142-117 ~]$ sudo su
 [root@ip-172-31-142-117 ec2-user]# aws s3 ls
 Unable to locate credentials. You can configure credentials by running "aws conf
igure".
 [root@ip-172-31-142-117 ec2-user]# aws config
usage: aws [options] <command> <subcommand> [<subcommand> ...] [parameters]
To see help text, you can run:
 [root@ip-172-31-142-117 ec2-user]# aws configure
NWS Access Key ID [None]: AKIA4TIWASUAIWHBJHYG
NWS Secret Access Key [None]: 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
Default region name [None]: us-east-1
Default output format [None]: json
[root@ip-172-31-142-117 ec2-user]# aws s3 ls
Connect timeout on endpoint URL: "https://s3.us-east-1.amazonaws.com/"

[root@ip-172-31-142-117 ec2-user]#

[root@ip-172-31-142-117 ec2-user]# x^C

[root@ip-172-31-142-117 ec2-user]# x^C

[root@ip-172-31-142-117 ec2-user]# AC

[root@ip-172-31-142-117 ec2-user]# AC
```