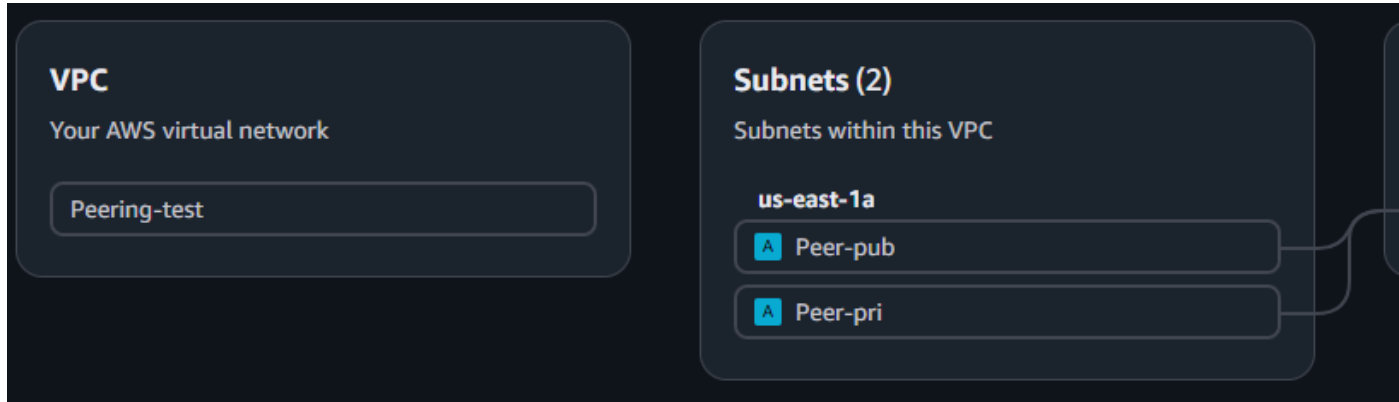


# VPC Tasks-02

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



- Enable VPC peering for cross-region.

```
[ec2-user@ip-172-132-0-11 ~]$ ping 172.31.12.15
PING 172.31.12.15 (172.31.12.15) 56(84) bytes of data.
64 bytes from 172.31.12.15: icmp_seq=21 ttl=127 time=203 ms
64 bytes from 172.31.12.15: icmp_seq=22 ttl=127 time=203 ms
64 bytes from 172.31.12.15: icmp_seq=23 ttl=127 time=203 ms
64 bytes from 172.31.12.15: icmp_seq=24 ttl=127 time=203 ms
64 bytes from 172.31.12.15: icmp_seq=25 ttl=127 time=203 ms
64 bytes from 172.31.12.15: icmp_seq=26 ttl=127 time=203 ms
64 bytes from 172.31.12.15: icmp_seq=27 ttl=127 time=203 ms
64 bytes from 172.31.12.15: icmp_seq=28 ttl=127 time=203 ms
64 bytes from 172.31.12.15: icmp_seq=29 ttl=127 time=203 ms
^C
--- 172.31.12.15 ping statistics ---
29 packets transmitted, 9 received, 68.9655% packet loss, time 28814ms
rtt min/avg/max/mdev = 202.780/202.815/202.887/0.038 ms
```

- Enable VPC peering for cross-account.

```
[ec2-user@ip-172-132-0-11 ~]$ ping 172.168.2.157
PING 172.168.2.157 (172.168.2.157) 56(84) bytes of data.
64 bytes from 172.168.2.157: icmp_seq=1 ttl=127 time=64.2 ms
64 bytes from 172.168.2.157: icmp_seq=2 ttl=127 time=64.2 ms
64 bytes from 172.168.2.157: icmp_seq=3 ttl=127 time=64.2 ms
^C
--- 172.168.2.157 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2003ms
rtt min/avg/max/mdev = 64.160/64.186/64.210/0.020 ms
```

# VPC Tasks-02

- Set up a VPC Transit Gateway.

**Transit gateway route tables (1/1)** Info

Find transit gateway route table by attribute or tag

<input checked="" type="checkbox"/>	Name	Transit gateway route table ID	Transit gateway ID	State	Default association route table
<input checked="" type="checkbox"/>	tgw-rtb-060e5f7505b8769e7	tgw-rtb-060e5f7505b8769e7	tgw-013da0e25bb288529	Available	Yes

Transit gateway route tables: tgw-rtb-060e5f7505b8769e7

Details Associations Propagations Prefix list references Routes Tags

**Associations (3)** Info

Find association by attribute or tag

<input type="checkbox"/>	Attachment ID	Resource type	Resource ID	State
<input type="checkbox"/>	tgw-attach-04ce3cb465a8ed7b2	VPC	vpc-02e50ce9e65a7998d	Associated
<input type="checkbox"/>	tgw-attach-0695c7baff9f8aeb1	VPC	vpc-0da9b96a292e58c82	Associated
<input type="checkbox"/>	tgw-attach-01f70bff29ff875bc	VPC	vpc-0f89e9bc7ba52090b	Associated

- Set up a VPC Endpoint.

**Details**

<b>Endpoint ID</b> vpce-0c2355e82c781d0f1	<b>Status</b> Available	<b>Creation time</b> Wednesday, January 7, 2026 at 14:58:08 GMT+5:30	<b>Endpoint type</b> Gateway
<b>VPC ID</b> vpc-02e50ce9e65a7998d (Peering-test)	<b>Status message</b> -	<b>Service name</b> com.amazonaws.us-east-1.s3	<b>Private DNS names enabled</b> No
<b>DNS record IP type</b> service-defined	<b>IP address type</b> ipv4	<b>Service region</b> us-east-1	<b>Private DNS preference</b> -
<b>Private DNS specified domains</b> -			

```
[root@ip-172-132-0-21 ec2-user]# aws s3 ls
AC
[root@ip-172-132-0-21 ec2-user]# aws s3 ls

Connect timeout on endpoint URL: "https://s3.us-east-1.amazonaws.com/"
[root@ip-172-132-0-21 ec2-user]# aws s3 ls
2026-01-07 07:53:18 amzns23demo
2026-01-06 11:58:13 testflow-09
```