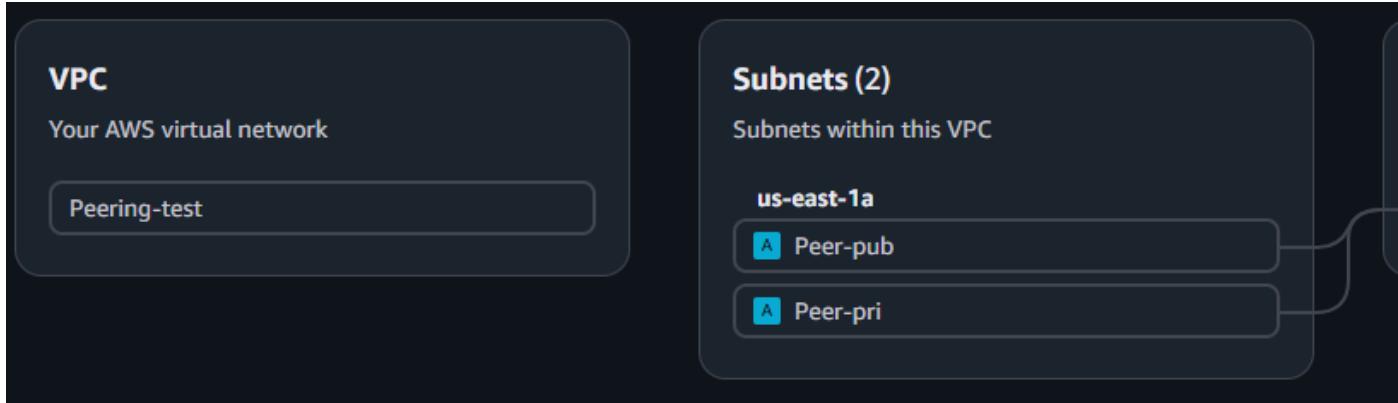


VPC Tasks-02

- 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					Actions				
<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-013da0e25bb288529				Available		Yes	

Transit gateway route tables: tgw-rtb-060e5f7505b8769e7

Details [Associations](#) Propagations Prefix list references Routes Tags

Associations (3) [Info](#)

[Delete](#)

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

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