

LE-60 8202/LL/90  
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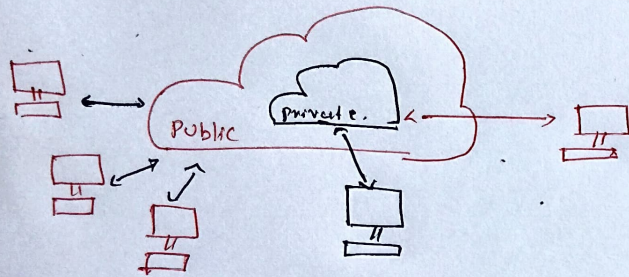
CLG : KLEIT

0915 hrs.

VPC :- Virtual private cloud.

A virtual private cloud (VPC) is an elastic cloud service that allows users to create and manage virtual network environments. (within the cloud)

Note → VPN → works in Network layer.



Public cloud :- In which shared cloud infrastructure multiple organisation can participate.

Private cloud :- A private cloud, however, is single tenant. A private cloud is a cloud service that is exclusively offered to one organisation.

How?

The technology associated with are

- Subnets
- VLAN
- VPN

Customised with

- NAT
- BGP router conf.

Advantages

- Scalability
- Easy hybrid
- Better performance.
- Better security

how  
we  
Set up  
VPN  
&

Observation

Next



To build we set up

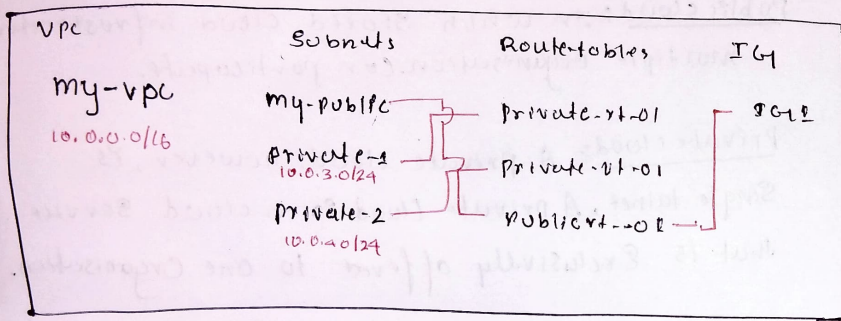
→ our VPC

→ our Subnets

→ created private instance

→ created VPC-server

↳ selecting OpenVPN image  
from AWS market place.



→ took AWS instance

↳ AWS marketplace - openvpn

↳ Attached (my-vpc)

↳ Subnet (my-public)

↳ Launched.

Configured accordingly

①

Launch - openvpn

②

↳ max to max 5 users.

↳ you can provide to your client. (which what to connect)

↳ After connecting with PVC (OpenVPN)

↳ sep → Assume you have created private instances \*\* attached to some CIDR Range and some Subnet in which your OpenVPN ~~Amr~~ is installed.

↳ then after launching your private instance you can connect VPN using Private IP

↳ you will be having 2-IP

→ Private) \*\*\*  
→ Public)

using ~~your~~ .

↳ conclusion

→ thus we done a private network multiple instance can be in private network without involvement of external other Organisation Networks.