



VPC

- Virtual Private Cloud used to create a private cloud within a public cloud.
- This private cloud provides isolation and security for our resources and services.
- Every VPC has its own IP address, Subnets, Internet Gateways & Route Tables.
- We can control access to your resources using security groups and network access control lists.

SUBNET

- Subnets are used to divide the large networks into smaller networks
- We have 2 types of subnets
 - **PUBLIC SUBNET**
 - **PRIVATE SUBNET**
- Public subnet resources can be accessible from Internet
- Private subnets resources are not possible to access from the internet. But this can be accessible using load balancers or NAT gateways which are present in Public Subnet

ROUTE TABLE

- It is a set of rules, that defines the how the network traffic is directed within VPC

IGW

- Internet GateWay is a component that allows you to make a communication between the VPC and internet

NAT GW

- Nat GateWay is used to access the resources that are present in private subnet.
- NAT - NETWORK ADDRESS TRANSLATION

