## **Virtual Private Cloud**

VPC stands for Virtual Private Cloud. VPC allows you to easily customize your networking configuration. VPC is a network that is logically isolated from other network in the cloud. It allows you to have your own IP address range, subnets, internet gateways, NAT gateways and security.

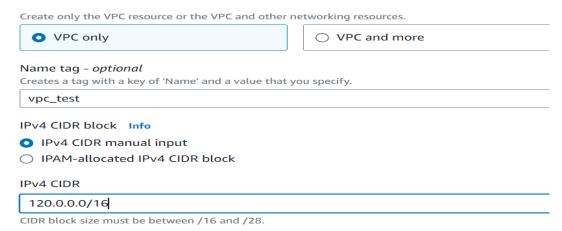
## Task 1: VPC and Subnet creation

**Problem Statement:** 

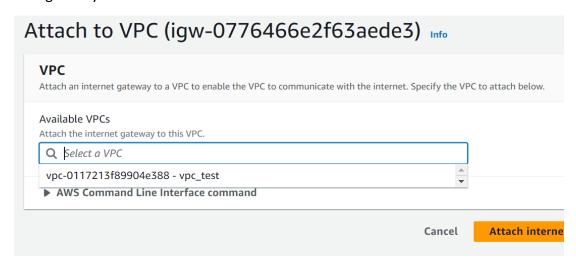
Working for an organization, you are required to provide them a safe and secure environment for the deployment of their resources. They might require different types of connectivity. Implement the following to fulfill the requirements of the company.

Tasks To Be Performed:

- 1. Create a VPC with 120.0.0/16 CIDR block.
- 2. Create 1 public subnet 2 private subnets and make sure you connect a NAT gateway for internet connectivity to a private subnet
- 1. Go to the aws console and select VPC option and create vpc with below option. Then give CIDR value and select availability zone.



2. Attach internet gateway to the VPC



3. Once all the steps are completed, the connection flow within the Virtual Private Cloud (VPC) would appear as follows:

