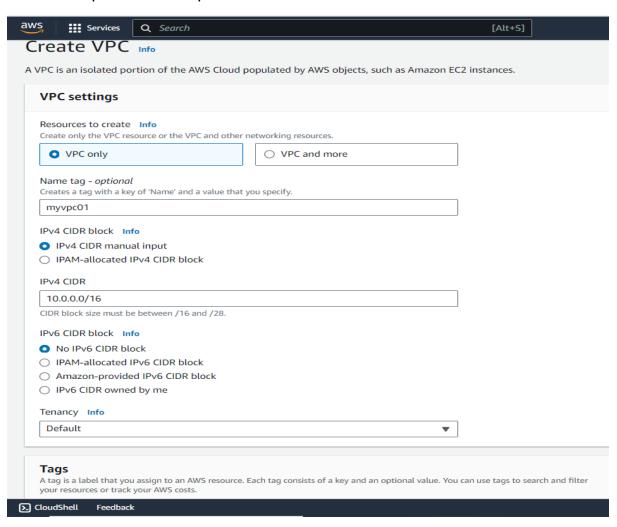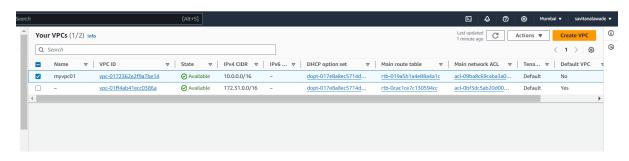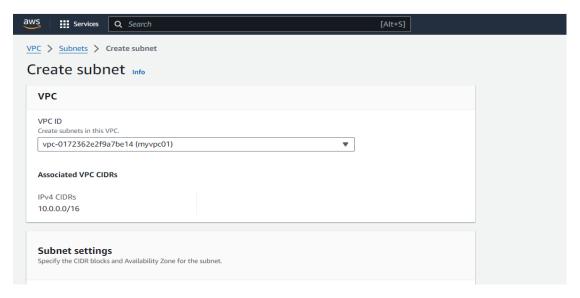**VPC(Virtual Private Cloud)**   SavitaNalawade

- From VPC we can create multiple networks
- AWS will create default vpc in every region while creating account
- Default vpc will create as per (no of subnet=no of availability zone)
- By default vpc will provide(subnet,route-table,security group,Internet gateway,NACL(Network Access Control List))
- In VPC we are using CIDR(Classless Inter Domain Routing) to IP configuration

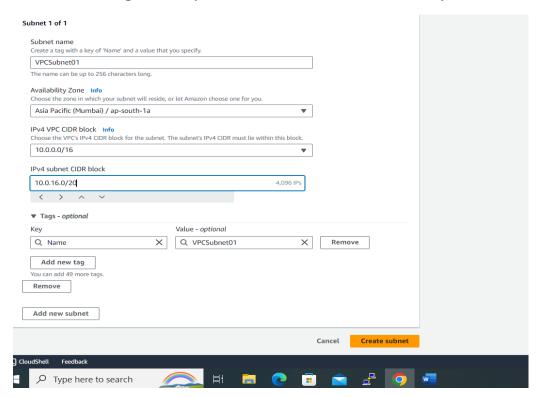❖ Create 1 custom VPC and create three subnet

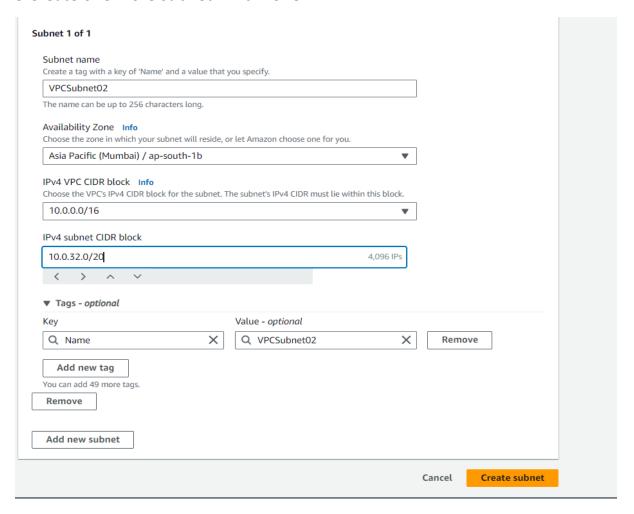1.Provide vpc name and ip

2.VPC have been created

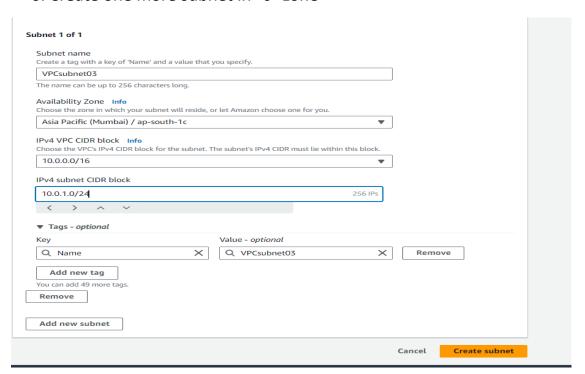## 3.Create subnet: select your vpc which is created

4.while creating subnet provide subnet-name, Availability zone & subnet CIDR
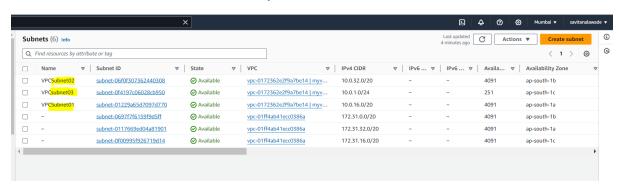
5.Create one more subnet in "b" zone

Subnet 1 of 1

Subnet name
Create a tag with a key of 'Name' and a value that you specify.

VPCSubnet02

The name can be up to 256 characters long.

Availability Zone   Info
Choose the zone in which your subnet will reside, or let Amazon choose one for you.

Asia Pacific (Mumbai) / ap-south-1b ▼

IPv4 VPC CIDR block   Info
Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.

10.0.0.0/16 ▼

IPv4 subnet CIDR block

10.0.32.0/20   4,096 IPs

< > ^ ˅

▼ Tags - *optional*

Key		Value - *optional*		
🔍 Name	✕	🔍 VPCSubnet02	✕	Remove

Add new tag

You can add 49 more tags.

Remove

Add new subnet

Cancel   **Create subnet**

6. Create one more subnet in "c" zone

Subnet 1 of 1

Subnet name
Create a tag with a key of 'Name' and a value that you specify.

VPCsubnet03

The name can be up to 256 characters long.

Availability Zone   Info
Choose the zone in which your subnet will reside, or let Amazon choose one for you.

Asia Pacific (Mumbai) / ap-south-1c ▼

IPv4 VPC CIDR block   Info
Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.

10.0.0.0/16 ▼

IPv4 subnet CIDR block

10.0.1.0/24   256 IPs

< > ^ ˅

▼ Tags - *optional*

Key		Value - *optional*		
🔍 Name	✕	🔍 VPCsubnet03	✕	Remove

Add new tag

You can add 49 more tags.

Remove

Add new subnet

Cancel   **Create subnet**

7. Subnets are created successfully.

Thank you !