VPC-Assignment

Step-1

➤ Creat VPC: Go to VPC→creat VPC

➤ Created VPC (test_VPC)

Step2:

Internet Gateway: IGW→ Creat IGW (test_IGW)

➢ Then attached to VPC

IGW →action→ attach to VPC

Step3:

Creat Subnet:

VPC→Subnet→creat subnet for the particular VPC

Creat four subnets→Two public subnets and Two privet subnets

Subnet 1 of 1

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

Public_Sub_1

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.

No preference ▼

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.

10.180.0.0/16 ▼

IPv4 subnet CIDR block

10.180.0.0/24   256 IPs

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▼ **Tags** - *optional*

Subnet 2 of 2

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

Public_Sub_2

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.

No preference ▼

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.

10.180.0.0/16 ▼

IPv4 subnet CIDR block

10.180.1.0/24   256 IPs

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▼ **Tags** - *optional*

Subnet 3 of 4

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

Privet_Sub_1

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.

No preference ▼

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.

10.180.0.0/16 ▼

IPv4 subnet CIDR block

10.180.2.0/24   256 IPs

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▼ **Tags** - *optional*

Subnet 4 of 4

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

Privet_Sub_2

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.

No preference ▼

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.
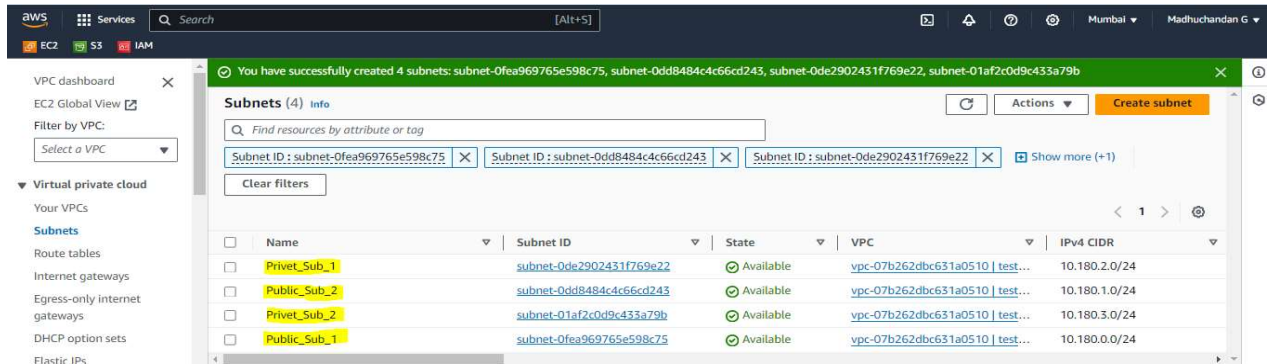
10.180.0.0/16 ▼

IPv4 subnet CIDR block
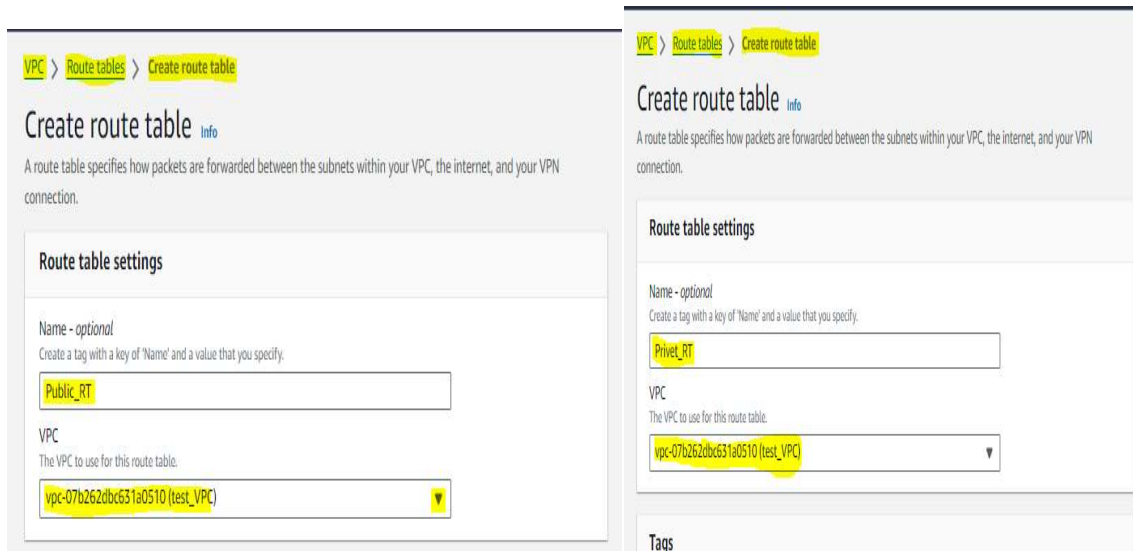
10.180.3.0/24   256 IPs

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▼ **Tags** - *optional*

Step 4:Rout Table VPC→RT→Creat RT

Creat two rout tables one for public and another for privet to access.

> Then in RT→Subnet association→Edit Association→select public subnet and privet subnet individually

> ➤ Select only Public subnets and save it.

> ➤ Similarly Select only Privet subnets and save it.

➢ To access the internet select the public RT→Routes→Edit Routes→select IGW with respect VPC and save.

➢ Then we can launch Instance with respect to VPC, subnet

▼ **Network settings** Info

VPC - *required* Info

vpc-07b262dbc631a0510 (test_VPC)
10.180.0.0/16

Subnet Info

subnet-0fea969765e598c75   Public_Sub_1
VPC: vpc-07b262dbc631a0510   Owner: 178078874758
Availability Zone: ap-south-1b   IP addresses available: 251   CIDR: 10.180.0.0/24)

Create new subnet

Auto-assign public IP Info

Enable

Additional charges apply when outside of free tier allowance

Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

◉ Create security group   ○ Select existing security group