

**VPC settings**

Resources to create [Info](#)  
Create only the VPC resource or the VPC and other networking resources.

VPC only  VPC and more

Name tag - *optional*  
Creates a tag with a key of 'Name' and a value that you specify.

Rohitha VPCA

IPv4 CIDR block [Info](#)  
 IPv4 CIDR manual input  
 IPAM-allocated IPv4 CIDR block

IPv4 CIDR  
192.168.0.0/16

IPv6 CIDR block [Info](#)  
 No IPv6 CIDR block  
 IPAM-allocated IPv6 CIDR block  
 Amazon-provided IPv6 CIDR block  
 IPv6 CIDR owned by me

Tenancy [Info](#)  
Default

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**Your VPCs (1)** [Info](#) Refresh Actions Create VPC

Filter VPCs

<input type="checkbox"/>	Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	DHCP
<input type="checkbox"/>	Rohitha VPCA	vpc-083b50f5d39b794a2	Available	192.168.0.0/16	-	dopt-0

Select a VPC above

2. Create an internet gateway and attach it to VPC.

## Create internet gateway Info

An internet gateway is a virtual router that connects a VPC to the internet. To create a new internet gateway specify the name for the gateway below.

### Internet gateway settings

**Name tag**  
Creates a tag with a key of 'Name' and a value that you specify.

### Tags - optional

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Key <input type="text" value="Name"/>	Value - optional <input type="text" value="Rohitha-IGW"/>	<input type="button" value="Remove"/>
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You can add 49 more tags.

VPC > [Internet gateways](#) > Attach to VPC (igw-0273c2f015440afe0)

## Attach to VPC (igw-0273c2f015440afe0) Info

### VPC

Attach an internet gateway to a VPC to enable the VPC to communicate with the internet. Specify the VPC to attach below.

**Available VPCs**  
Attach the internet gateway to this VPC.

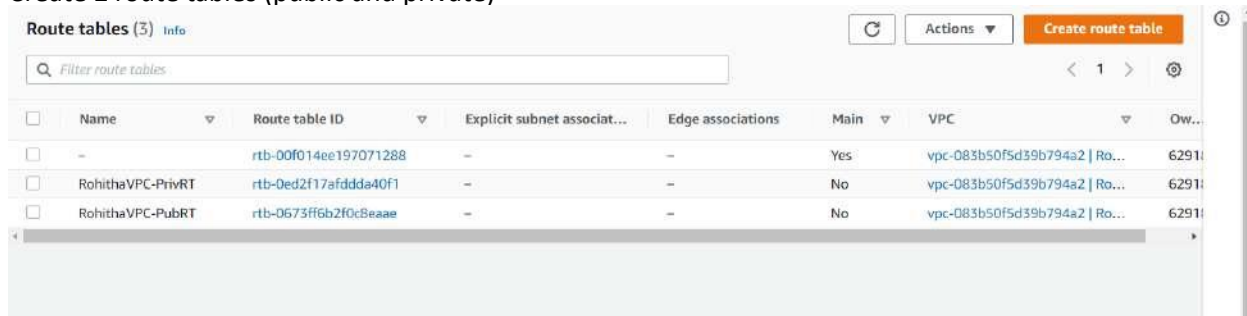
**AWS Command Line Interface command**

3. Create 4 subnets ( 2 public and 2 private )

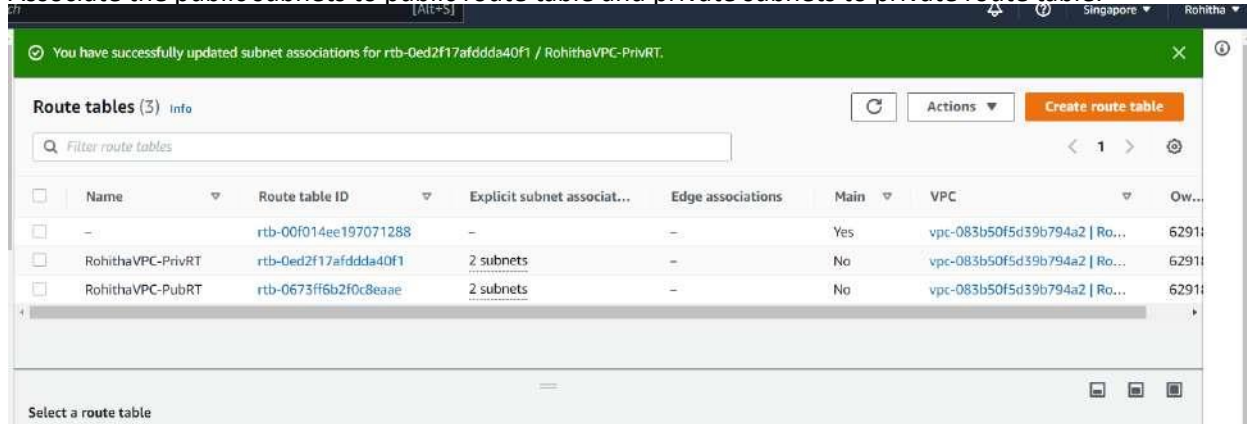
**Subnets (1/4) Info**

	Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR
<input type="checkbox"/>	RohithaPrivSN1	subnet-0cfab94e051e9bbe1	✔ Available	vpc-083b50f5d39b794a2   Ro...	192.168.0.0/24	-
<input type="checkbox"/>	RohithaPubSN1	subnet-0d1e2ea1a1cfc3843	✔ Available	vpc-083b50f5d39b794a2   Ro...	192.168.2.0/24	-
<input checked="" type="checkbox"/>	RohithaPrivSN2	subnet-03ad164d24d992858	✔ Available	vpc-083b50f5d39b794a2   Ro...	192.168.1.0/24	-
<input type="checkbox"/>	RohithaPubSN2	subnet-084c5904f19f42618	✔ Available	vpc-083b50f5d39b794a2   Ro...	192.168.3.0/24	-

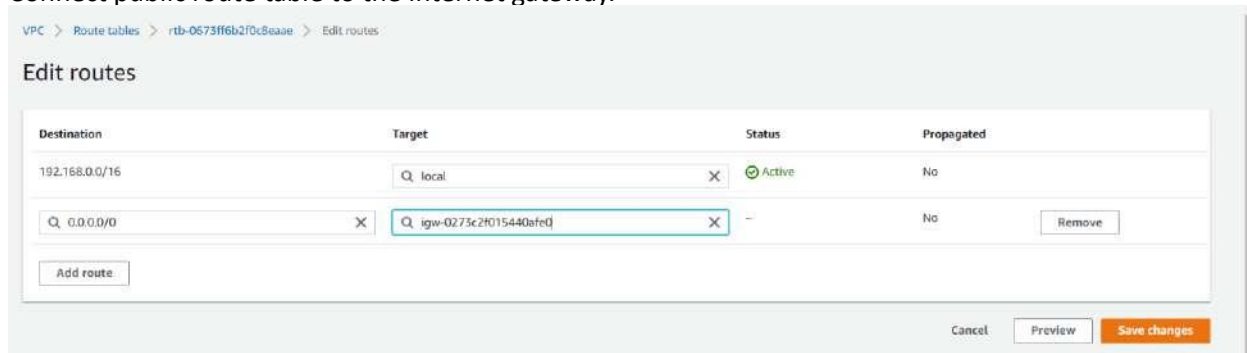
4. Create 2 route tables (public and private)



5. Associate the public subnets to public route table and private subnets to private route table.



6. Connect public route table to the internet gateway.



7. Create 2 instances (public subnet 1, private subnet 1)  
Also create new security group by allowing all traffic.

**Security Groups (1/2)** Info

Filter security groups

Name	Security group ID	Security group name	VPC ID	Description	Owner
-	sg-096ffd9b835c7303e	default	vpc-083b50f5d39b794a2	default VPC security gr...	629183436054
-	sg-0e2c9791e4783e135	RohithaVPC-A-SG	vpc-083b50f5d39b794a2	RohithaVPC-A-SG	629183436054

**sg-096ffd9b835c7303e - default**

Details | Inbound rules | Outbound rules | Tags

You can now check network connectivity with Reachability Analyzer [Run Reachability Analyzer](#)

**Details**

**Instances (2)** Info

Find instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
RohithaEC2-PubSN1	i-064033eefbf52b87d	Running	t2.micro	2/2 checks passed	No alarms	ap-southeast-1b	-
RohithaEC2-PrivSN1	i-04c00eb006cb77c89	Running	t2.micro	Initializing	No alarms	ap-southeast-1b	-

8. Login to Public subnet1 machine and try to ping and ssh (ping will get success and where ssh will fail as there is no key)

```

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\DELL> cd desktop
PS C:\Users\DELL\desktop> ssh -i "token.pem" ec2-user@54.169.203.173
Last login: Tue Nov 15 16:12:40 2022 from 103.155.31.139
Last login: Tue Nov 15 16:12:40 2022 from 103.155.31.139

  _ | _ | _ )
  _ | ( _ | /  Amazon Linux 2 AMI
  _ | \ _ | _ |

https://aws.amazon.com/amazon-linux-2/
18 package(s) needed for security, out of 27 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-192-168-2-83 ~]$ sudo su
[root@ip-192-168-2-83 ec2-user]# ssh ec2-user@192.168.0.125
The authenticity of host '192.168.0.125 (192.168.0.125)' can't be established.
ECDSA key fingerprint is SHA256:JF40nP570PjvkwGdsUqFn2tZYuBgdiAaAi7ovzsVNlyg.
ECDSA key fingerprint is MD5:51:0e:07:9b:ef:5f:50:6f:88:0d:9b:b3:d1:7b:c0:3a.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '192.168.0.125' (ECDSA) to the list of known hosts.
Permission denied (publickey,gssapi-keyex,gssapi-with-mic).
[root@ip-192-168-2-83 ec2-user]# client_loop: send disconnect: Connection reset
PS C:\Users\DELL\desktop> ssh -i "token.pem" ec2-user@54.169.203.173
Last login: Tue Nov 15 16:15:34 2022 from 103.155.31.139

  _ | _ | _ )
  _ | ( _ | /  Amazon Linux 2 AMI
  _ | \ _ | _ |

https://aws.amazon.com/amazon-linux-2/
18 package(s) needed for security, out of 27 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-192-168-2-83 ~]$ sudo su
[root@ip-192-168-2-83 ec2-user]# ssh ec2-user@192.168.0.125
Permission denied (publickey,gssapi-keyex,gssapi-with-mic).
[root@ip-192-168-2-83 ec2-user]# ls -l
total 0
[root@ip-192-168-2-83 ec2-user]# ls -l
total 0
[root@ip-192-168-2-83 ec2-user]# pwd
/home/ec2-user
[root@ip-192-168-2-83 ec2-user]# pwd
/home/ec2-user
[root@ip-192-168-2-83 ec2-user]# ls
[root@ip-192-168-2-83 ec2-user]# ls -l
total 0
[root@ip-192-168-2-83 ec2-user]# ls -l
total 4
-rw-rw-r-- 1 ec2-user ec2-user 1674 Nov 15 16:35 token.pem
[root@ip-192-168-2-83 ec2-user]#

```

- Copy the key pair on to Public subnet machine1 and then from Public subnet machine try to connect private subnet machine with SSH.

```

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\DELL> cd desktop
PS C:\Users\DELL\desktop> ls

Directory: C:\Users\DELL\desktop

Mode                LastWriteTime         Length Name
----                -
d-----          10/15/2022   6:52 PM          GIT
d-----          11/8/2022   9:21 PM          Scrum
-a-----          10/25/2022   9:08 PM         1678 35.88.253.125
-a-----          11/5/2022  11:04 AM         44166 attendance.jpg
-a-----          11/2/2022  11:29 PM        1922925 AWS.docx
-a-----          11/2/2022  11:15 PM         10253 Classes schedule.xlsx
-a-----          11/2/2022  11:30 PM         436543 Doc1.docx
-a-----          10/25/2022   9:08 PM         1678 ec2-user@35.88.253.125
-a-----          9/18/2022   2:05 AM         2348 Microsoft Edge.lnk
-a-----          10/25/2022   9:08 PM         1678 Rohitha.pem
-a-----          11/15/2022  12:54 PM         1674 token.pem
-a-----          11/15/2022  12:51 PM         795226 VPC.docx
-a-----          11/4/2022  10:22 PM         1934 Zoom.lnk

PS C:\Users\DELL\desktop> scp -i .\token.pem -r .\token.pem ec2-user@192.168.2.83:\home\ec2-user
ssh: connect to host 192.168.2.83 port 22: Connection timed out
lost connection
PS C:\Users\DELL\desktop> scp -i .\token.pem -r .\token.pem ec2-user@192.168.2.83:\home\ec2-user
ssh: connect to host 192.168.2.83 port 22: Connection timed out
lost connection
PS C:\Users\DELL\desktop> scp -i .\token.pem -r .\token.pem ec2-user@54.169.203.173:\home\ec2-user
token.pem
100% 1674   30.7KB/s   00:00
PS C:\Users\DELL\desktop>

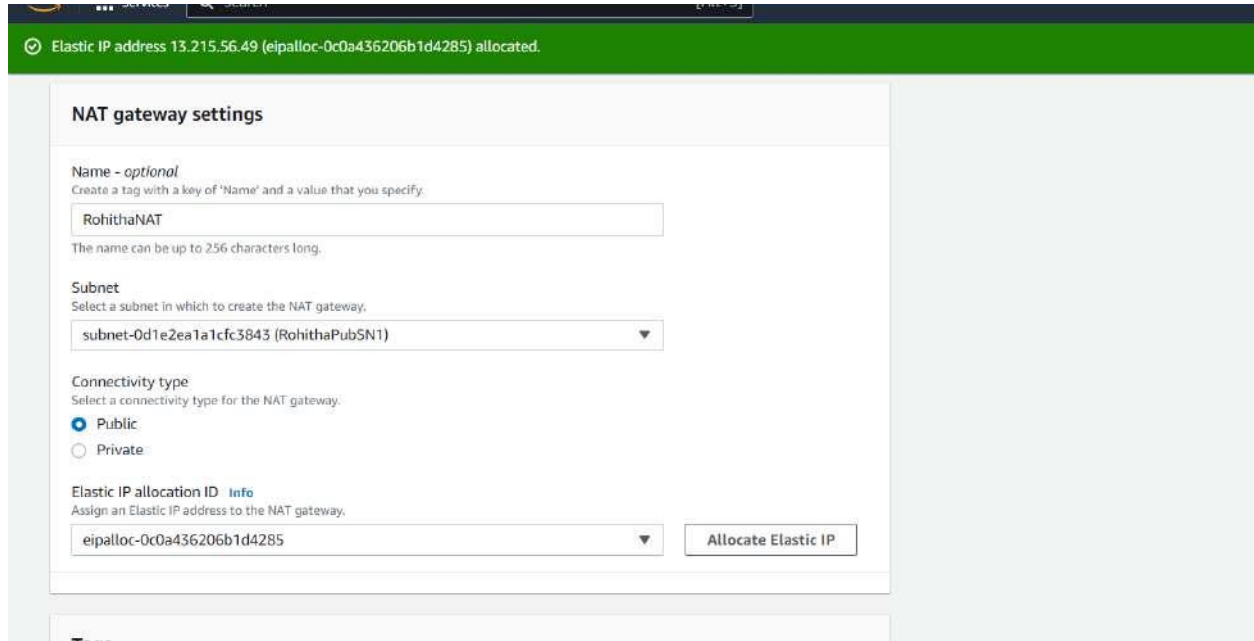
[ec2-user@ip-192-168-2-83 ~]$
[ec2-user@ip-192-168-2-83 ec2-user]# chmod 700 token.pem
[ec2-user@ip-192-168-2-83 ec2-user]# ls -l
total 4
-rwx----- 1 ec2-user ec2-user 1674 Nov 15 16:35 token.pem
[ec2-user@ip-192-168-2-83 ec2-user]# ssh -i token.pem ec2-user@192.168.0.125

      _|_  _|_  )
      _|_  (   /   Amazon Linux 2 AMI
      _|\_|_|_|_|

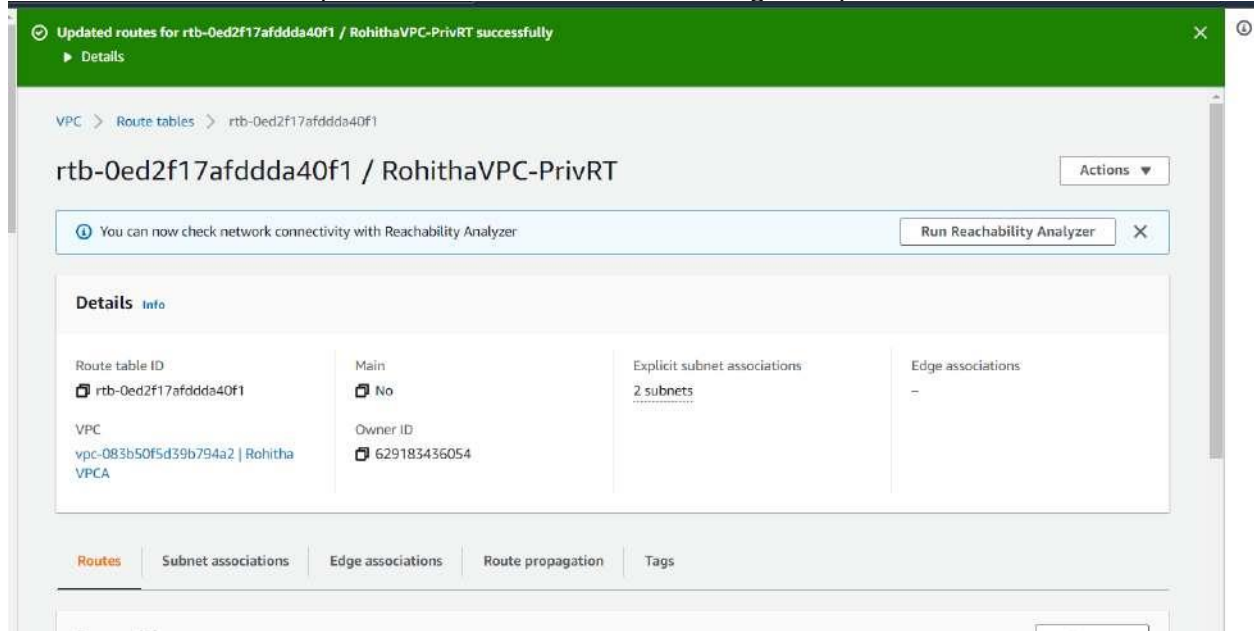
https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-192-168-0-125 ~]$

```

10. In order to get internet on your Private subnet machine then we have to Create a NAT gateway in Public subnet1.



11. Edit the route table of private subnet1 with a route to NAT gateway.



Destination	Target	Status	Propagated
0.0.0.0/0	nat-047da9816e5ca6694	Active	No
192.168.0.0/16	local	Active	No

## 12. Login to private subnet machine and try to ping google.com

```

root@ip-192-168-2-83:/home/ec2-user
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=26 ttl=51 time=1.42 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=27 ttl=51 time=1.42 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=28 ttl=51 time=1.41 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=29 ttl=51 time=1.46 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=30 ttl=51 time=1.39 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=31 ttl=51 time=1.57 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=32 ttl=51 time=1.40 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=33 ttl=51 time=1.47 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=34 ttl=51 time=1.42 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=35 ttl=51 time=1.42 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=36 ttl=51 time=1.41 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=37 ttl=51 time=1.41 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=38 ttl=51 time=1.45 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=39 ttl=51 time=1.35 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=40 ttl=51 time=1.40 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=41 ttl=51 time=1.39 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=42 ttl=51 time=1.43 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=43 ttl=51 time=1.42 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=44 ttl=51 time=1.40 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=45 ttl=51 time=1.41 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=46 ttl=51 time=1.42 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=47 ttl=51 time=1.42 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=48 ttl=51 time=1.36 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=49 ttl=51 time=1.40 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=50 ttl=51 time=1.36 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=51 ttl=51 time=1.39 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=52 ttl=51 time=1.39 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=53 ttl=51 time=1.42 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=54 ttl=51 time=1.41 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=55 ttl=51 time=1.40 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=56 ttl=51 time=1.42 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=57 ttl=51 time=1.38 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=58 ttl=51 time=1.38 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=59 ttl=51 time=1.39 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=60 ttl=51 time=1.39 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=61 ttl=51 time=1.38 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=62 ttl=51 time=1.39 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=63 ttl=51 time=1.54 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=64 ttl=51 time=1.39 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=65 ttl=51 time=1.37 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=66 ttl=51 time=1.50 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=67 ttl=51 time=1.48 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=68 ttl=51 time=1.42 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=69 ttl=51 time=1.43 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=70 ttl=51 time=1.37 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=71 ttl=51 time=1.41 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=72 ttl=51 time=1.36 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=73 ttl=51 time=1.46 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=74 ttl=51 time=1.41 ms
64 bytes from sf-in-f113.1e100.net (74.125.24.113): icmp_seq=75 ttl=51 time=1.40 ms

```

## 7. VPC Peering :

1. Create VPC A and 2 subnets ( one is public and one is private )



**Your VPCs (2)** Info

Filter VPCs

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	DHCP
-	vpc-0755fb3ed535c40ed	Available	172.31.0.0/16	-	dopt-0
Rohitha- VPCA	vpc-0555d0f9eee4549e5	Available	10.100.0.0/16	-	dopt-0

Select a VPC above

**Subnets (8)** Info

Filter subnets

Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR
RohithaPrivSub1	subnet-0f5cb4a54c83cc89b	Available	vpc-0555d0f9eee4549e5   Ro...	10.100.0.0/24	-
-	subnet-098e92a8ce073befc	Available	vpc-0755fb3ed535c40ed	172.31.0.0/20	-
-	subnet-0341655211da64d55	Available	vpc-0755fb3ed535c40ed	172.31.80.0/20	-
RohithaPubSub1	subnet-0cb11f6016f279ac1	Available	vpc-0555d0f9eee4549e5   Ro...	10.100.1.0/24	-
-	subnet-0fcb566e0e37ad2a2	Available	vpc-0755fb3ed535c40ed	172.31.48.0/20	-

Select a subnet

2. Create 2 route tables ( one is public and one is private )

**Route tables (4)** Info

Filter route tables

Name	Route table ID	Explicit subnet associat...	Edge associations	Main	VPC	Ow...
-	rtb-03c4ca934791fe28c	-	-	Yes	vpc-0755fb3ed535c40ed	62911
RohithaVPCPriRT	rtb-0f289a9370c1f8e84	-	-	No	vpc-0555d0f9eee4549e5   Ro...	62911
RohithaVPCPubRT	rtb-0e2643ff89fdca2f	-	-	No	vpc-0555d0f9eee4549e5   Ro...	62911
-	rtb-017c8ae79bd444d3b	-	-	Yes	vpc-0555d0f9eee4549e5   Ro...	62911

3. Associate public route table with public subnet and private route table with private subnet.

You have successfully updated subnet associations for rtb-0e2643ff89fdca2f / RohithaVPCPubRT.

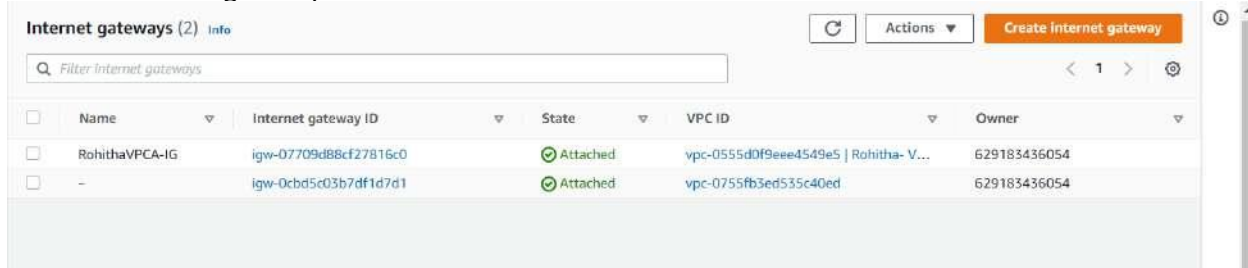
**Route tables (4)** Info

Filter route tables

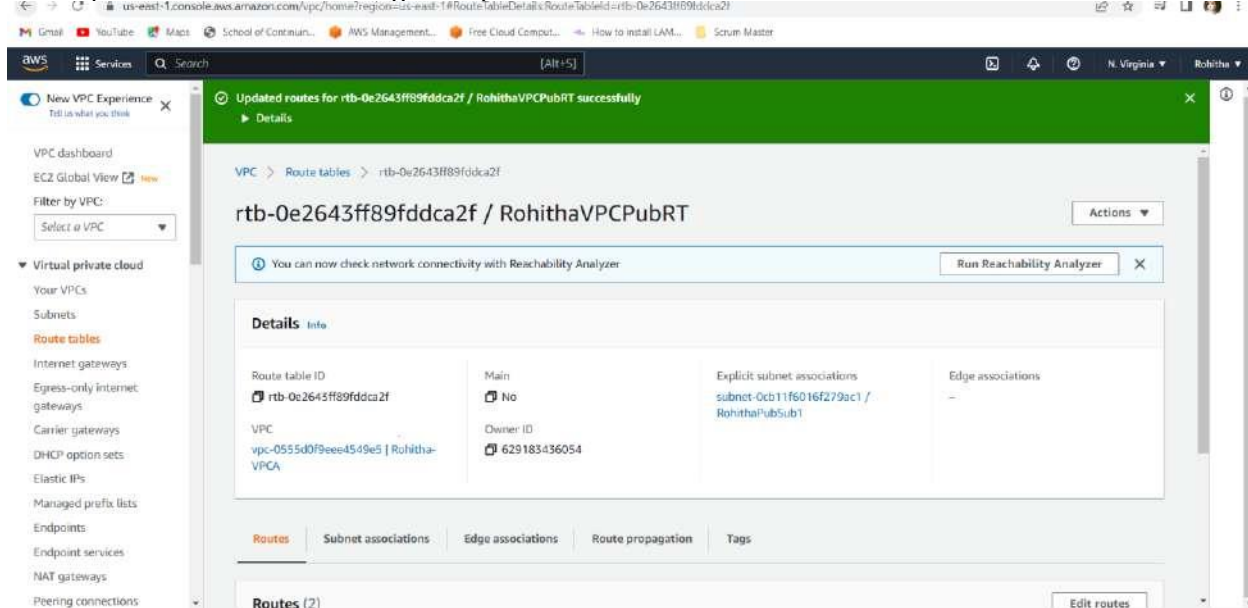
Name	Route table ID	Explicit subnet associat...	Edge associations	Main	VPC	Ow...
-	rtb-03c4ca934791fe28c	-	-	Yes	vpc-0755fb3ed535c40ed	62911
RohithaVPCPriRT	rtb-0f289a9370c1f8e84	subnet-0f5cb4a54c83cc...	-	No	vpc-0555d0f9eee4549e5   Ro...	62911
RohithaVPCPubRT	rtb-0e2643ff89fdca2f	subnet-0cb11f6016f279...	-	No	vpc-0555d0f9eee4549e5   Ro...	62911
-	rtb-017c8ae79bd444d3b	-	-	Yes	vpc-0555d0f9eee4549e5   Ro...	62911

Select a route table

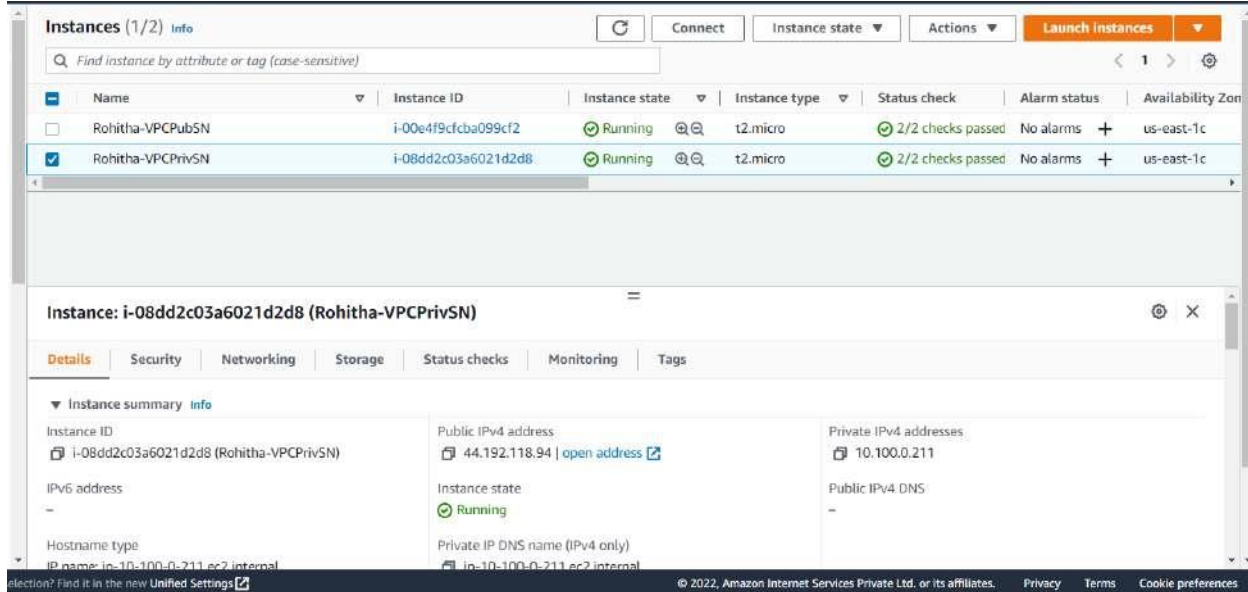
4. Create internet gateway and attach it to VPC.



5. Add public subnet to internet gateway.



6. Create 2 EC2 machines.



```
root@ip-10-100-1-55:/home/ec2-user
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\DELL> cd desktop
PS C:\Users\DELL\desktop> ssh -i "peering.pem" ec2-user@44.195.1.130
Last login: Thu Nov 17 06:20:28 2022 from 103.155.31.155

  _ | _ | _ )
  _ | ( _ /   Amazon Linux 2 AMI
  _ | \ _ | _ |

https://aws.amazon.com/amazon-linux-2/
1 package(s) needed for security, out of 1 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-10-100-1-55 ~]$ sudo su
[root@ip-10-100-1-55 ec2-user]# ssh 10.100.0.211
The authenticity of host '10.100.0.211 (10.100.0.211)' can't be established.
ECDSA key fingerprint is SHA256:fl+yn3nPY1Jk01D7c2ohky0TWanx4ivvA+5R1im1bp4.
ECDSA key fingerprint is MD5:b6:00:77:d8:3d:80:07:fd:a4:8a:b0:a7:f4:f5:0c:5c.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '10.100.0.211' (ECDSA) to the list of known hosts.
Permission denied (publickey,gssapi-keyex,gssapi-with-mic).
[root@ip-10-100-1-55 ec2-user]# pwd
/home/ec2-user
[root@ip-10-100-1-55 ec2-user]# ls -l
total 4
-rw-rw-r-- 1 ec2-user ec2-user 1674 Nov 17 06:30 peering.pem
[root@ip-10-100-1-55 ec2-user]#

Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Users\DELL> cd desktop
PS C:\Users\DELL\desktop> scp -i peering.pem -r .\peering.pe ec2-user@44.195.1.130:/home/ec2-user
./peering.pe: No such file or directory
PS C:\Users\DELL\desktop> scp -i peering.pem -r .\peering.pem ec2-user@44.195.1.130:/home/ec2-user
peering.pem 100% 1674 5.2KB/s 00:00
PS C:\Users\DELL\desktop>

[root@ip-10-100-1-55 ec2-user]# ls -l
total 4
-rw-rw-r-- 1 ec2-user ec2-user 1674 Nov 17 06:30 peering.pem
[root@ip-10-100-1-55 ec2-user]# chmod 777 peering.pem
[root@ip-10-100-1-55 ec2-user]# ls -ltr
total 4
-rwxrwxrwx 1 ec2-user ec2-user 1674 Nov 17 06:30 peering.pem
[root@ip-10-100-1-55 ec2-user]# ssh -i peering.pem ec2-user@10.100.0.211

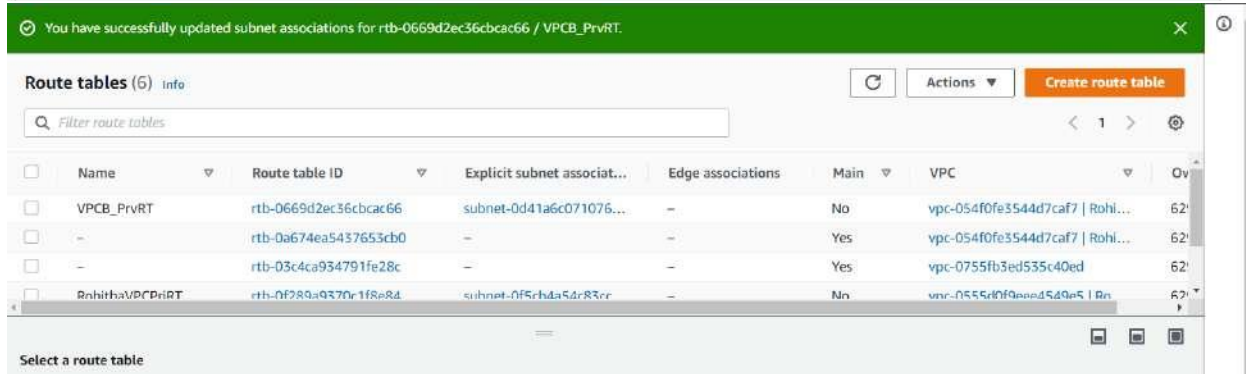
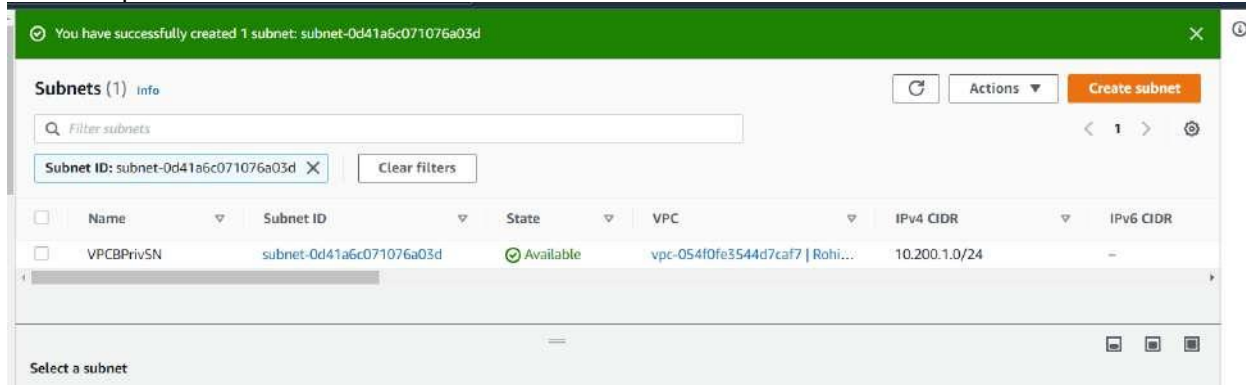
  _ | _ | _ )
  _ | ( _ /   Amazon Linux 2 AMI
  _ | \ _ | _ |

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-10-100-0-211 ~]$
```

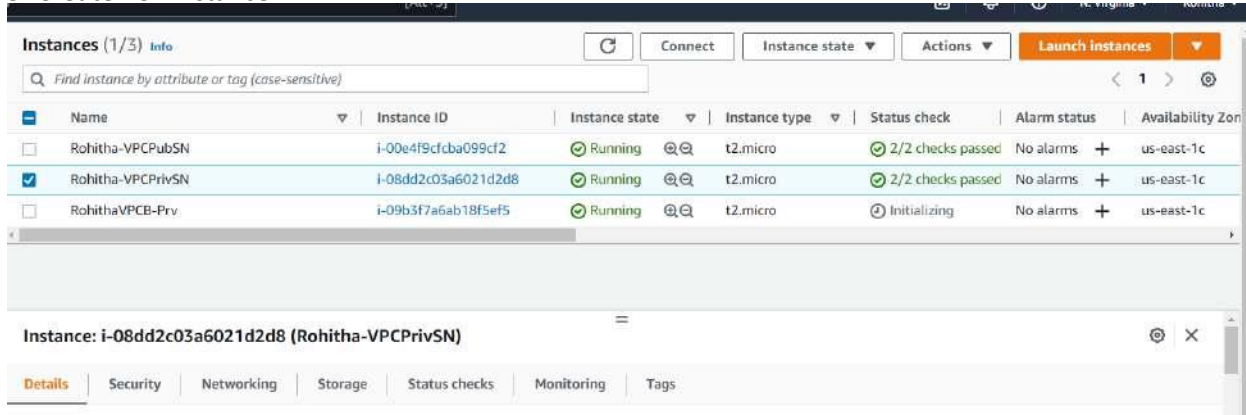
7. Create VPC B machine.



### 8. Create private subnet and route table.



### 9. Create EC2 instance.



### 10. Create peering connection.

Peering connections (1) Info

Filter peering connections

Name	Peering connection ID	Status	Requester VPC	Accepter VPC	Requester CIDR
VPC Peering A_B	pcx-0570637e63102e9c1	Pending acceptance	vpc-0555d0f9eee4549e5 / Ro...	vpc-054f0fe3544d7caf7 / Roh...	10.100.0.0/16

✔ Your VPC peering connection (pcx-0570637e63102e9c1 / VPC Peering A\_B) has been established. To send and receive traffic across this VPC peering connection, you must add a route to the peered VPC in one or more of your VPC route tables. Info

Modify my route tables now

Peering connections (1/1) Info

Filter peering connections

Name	Peering connection ID	Status	Requester VPC	Accepter VPC	Requester CIDR
VPC Peering A_B	pcx-0570637e63102e9c1	Active	vpc-0555d0f9eee4549e5 / Ro...	vpc-054f0fe3544d7caf7 / Roh...	10.100.0.0/16

pcx-0570637e63102e9c1 / VPC Peering A\_B

```
[root@ip-10-100-0-211 ec2-user]# ssh ec2-user@10.200.1.174
ssh: connect to host 10.200.1.174 port 22: Connection timed out
[root@ip-10-100-0-211 ec2-user]# exit
exit
[ec2-user@ip-10-100-0-211 ~]# exit
logout
Connection to 10.100.0.211 closed.
[root@ip-10-100-1-55 ec2-user]# ls -ltr
total 4
-rwxrwxrwx 1 ec2-user ec2-user 1674 Nov 17 06:30 peering.pem
[root@ip-10-100-1-55 ec2-user]# scp -i peering.pem -r peering.pem ec2-user@10.100.0.211:/home/ec2-user
peering.pem
[root@ip-10-100-1-55 ec2-user]# ssh -i peering.pem ec2-user@10.100.0.211
Last login: Thu Nov 17 16:26:50 2022 from 10.100.1.55

  _ | _ | _ )
  _ | ( _ /   Amazon Linux 2 AMI
  _ | \ _ | _ |

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-10-100-0-211 ~]# sudo su
[root@ip-10-100-0-211 ec2-user]# ls -ltr
total 4
-rwxrwxr-x 1 ec2-user ec2-user 1674 Nov 17 16:58 peering.pem
[root@ip-10-100-0-211 ec2-user]# ssh -i peering.pem ec2-user@10.200.1.174
```

