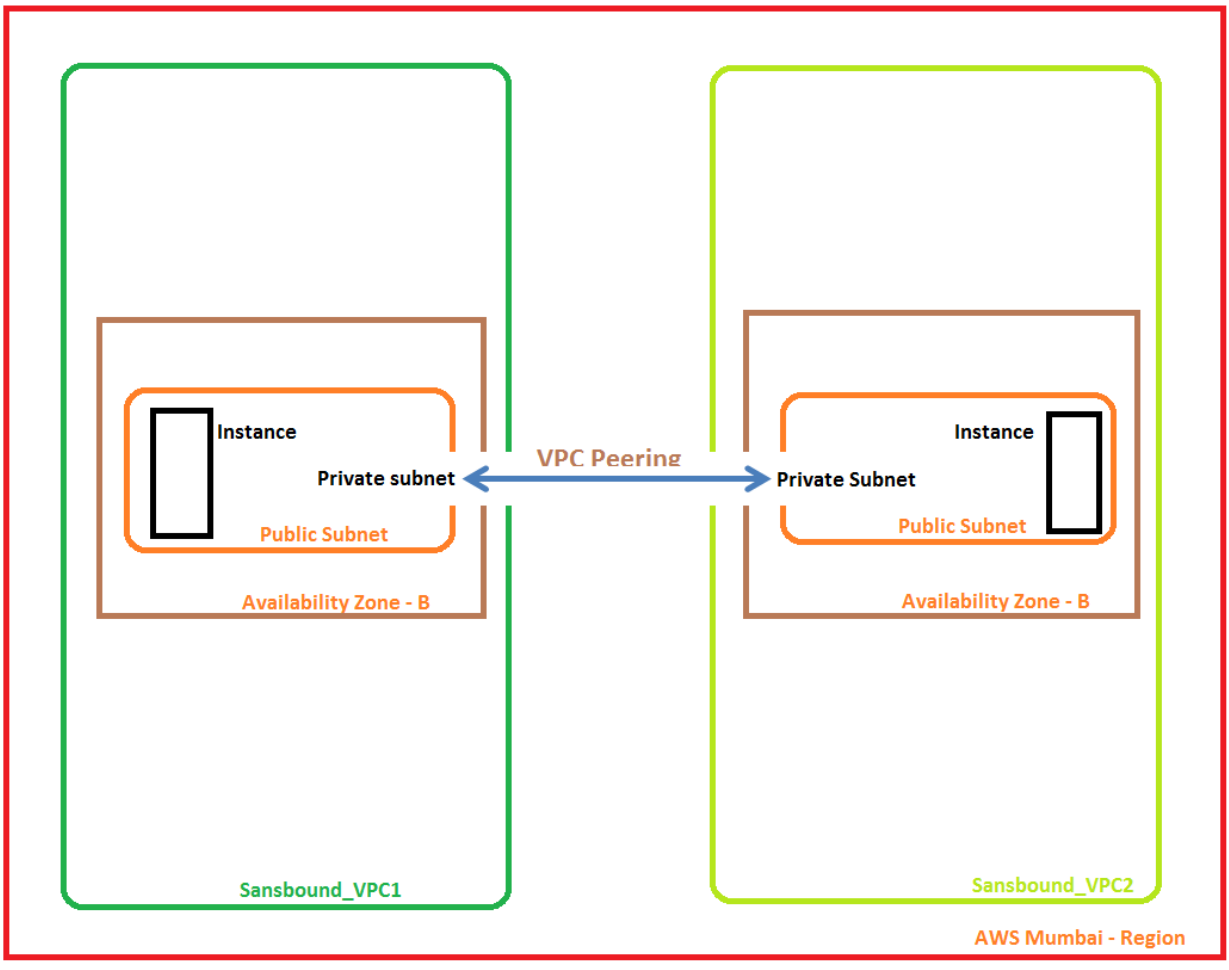
Lab 13

Configure VPC Peering Between two VPC's – 1 of 3

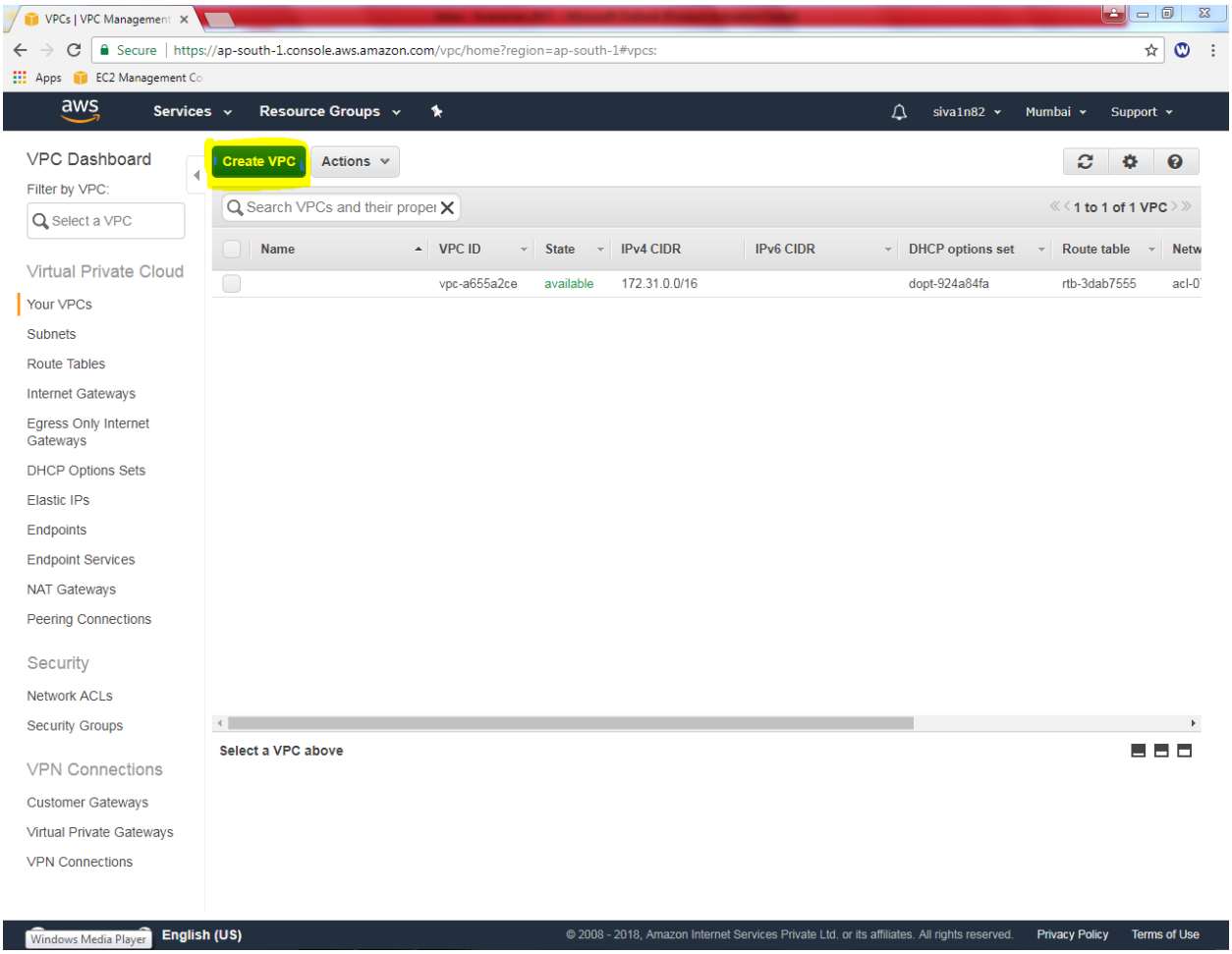
Scenario:



By default same regions VPC's are not communicate, hence we have required to configure VPC Peering for that.

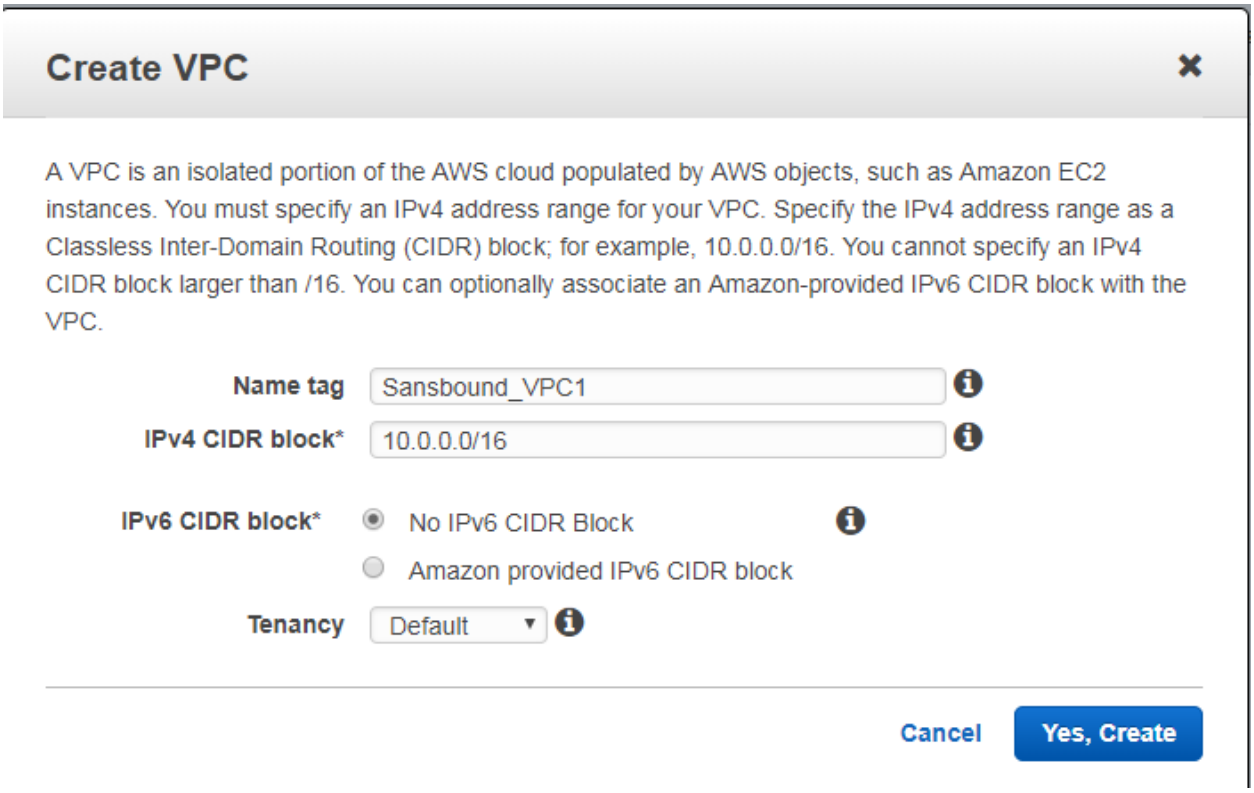
Got to VPC Dashboard,

Click “Create VPC”



While creating VPC, Name tag “Sansbound_VPC1”

IPV4 CIDR block as 10.0.0.0/16 subnet.



Then click “Yes, create”.

Then we need to create subnet for the Sansbound_VPC1.

In VPC Dashboard, click Subnet, then click “create subnet”.

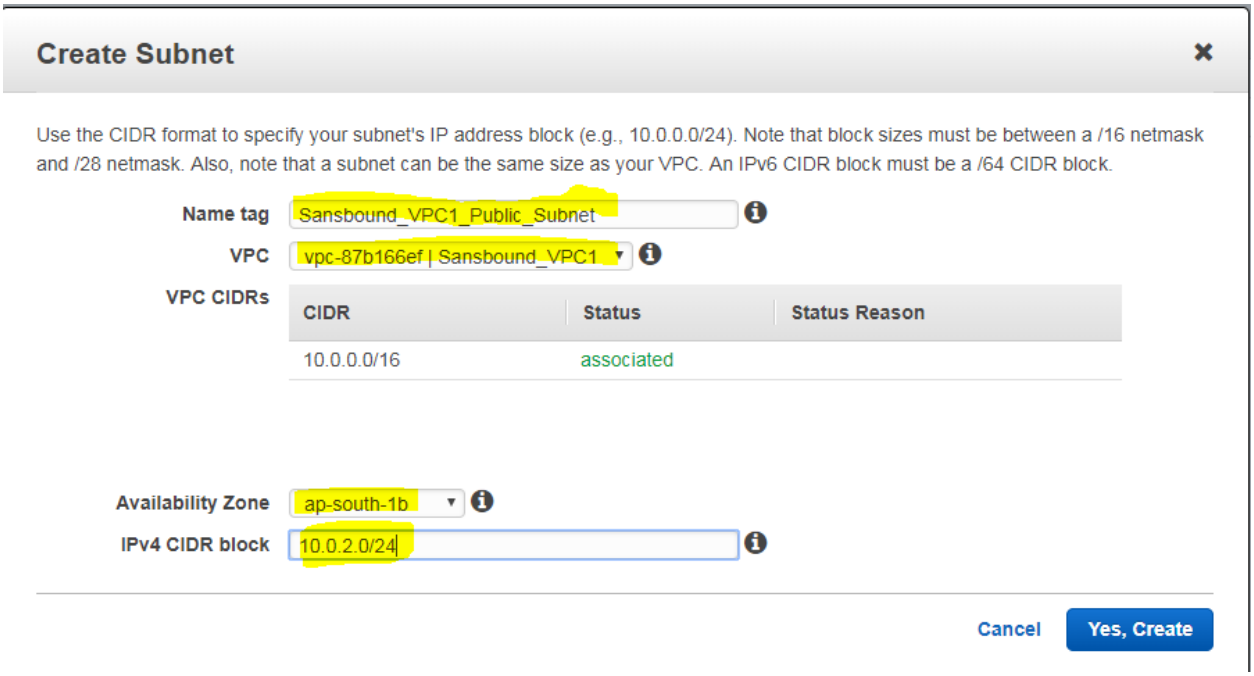
While creating subnet,

Name tag as “Sansbound_VPC1_Public_Subnet”.

VPC as Sansbound_VPC1.

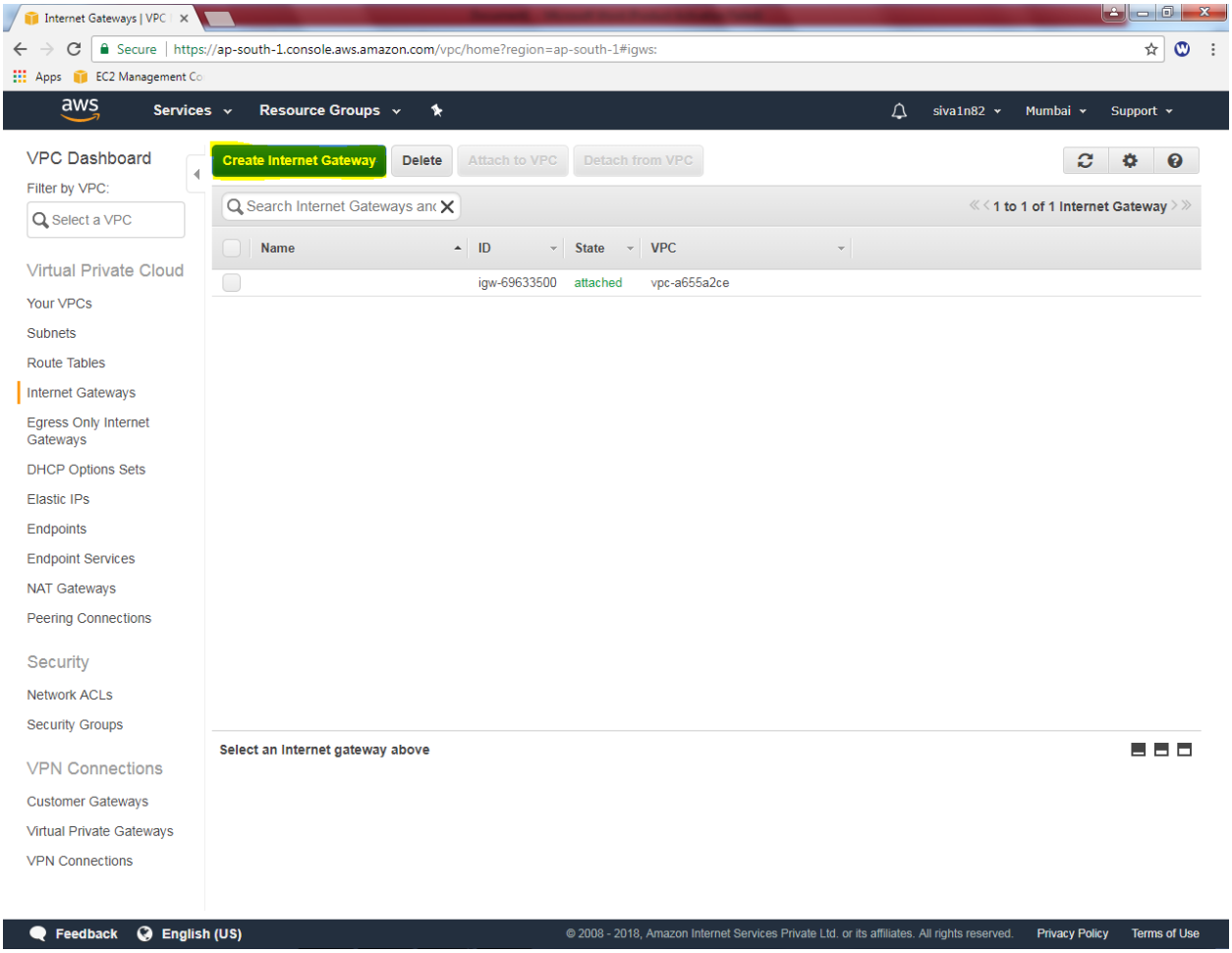
Availability Zone – 1B (Optional)

IPv4 CIDR Block – 10.0.2.0/24 subnet.

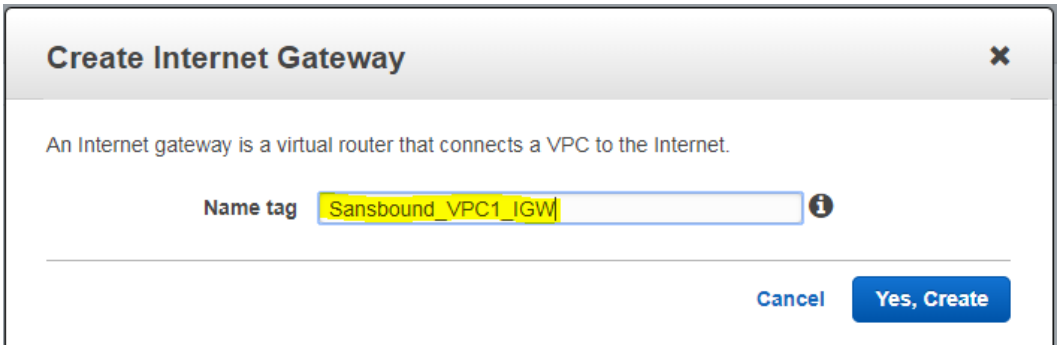


Then Click “Yes, create”.

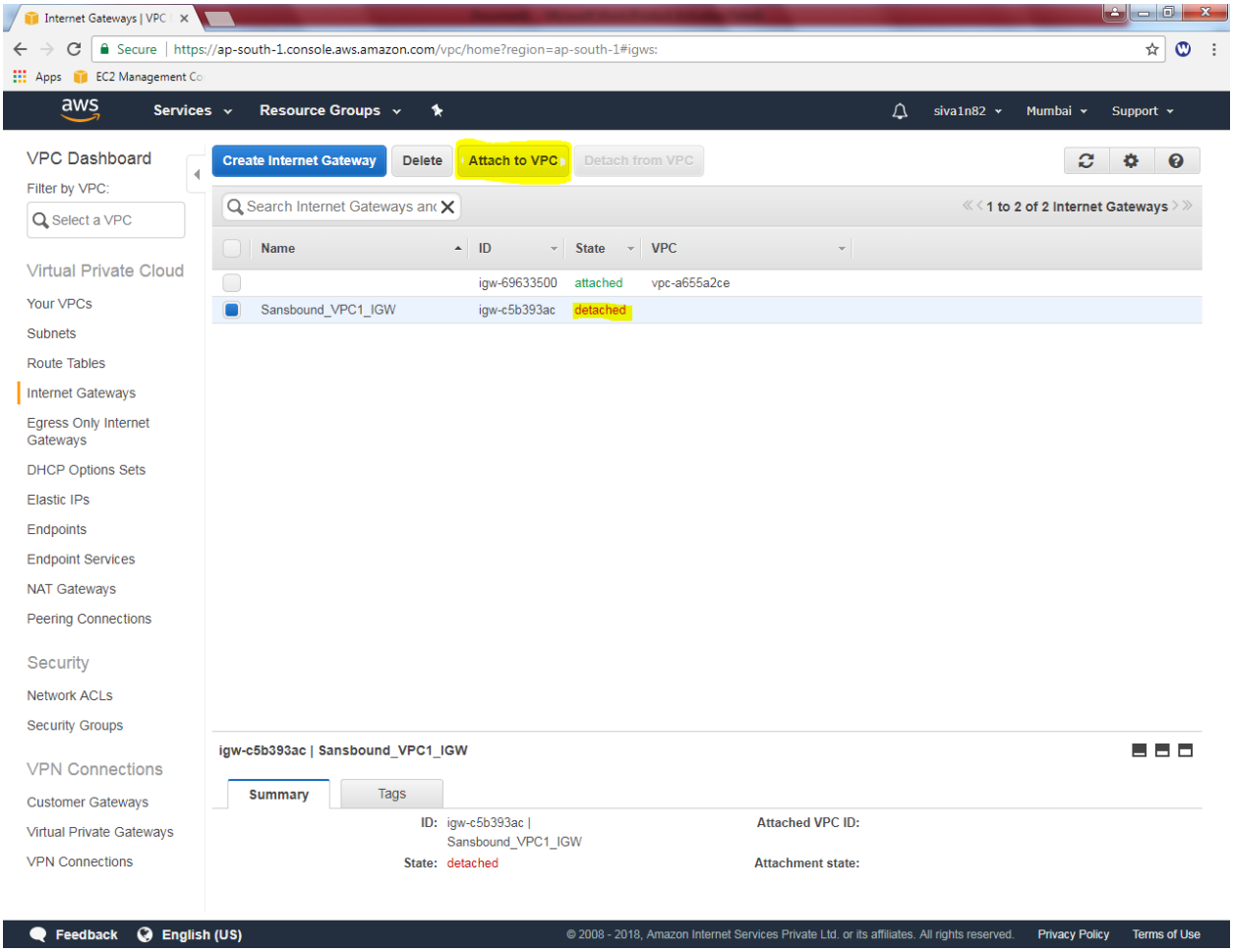
Then we need to create an internet gateway, click “create Internet Gateway”.

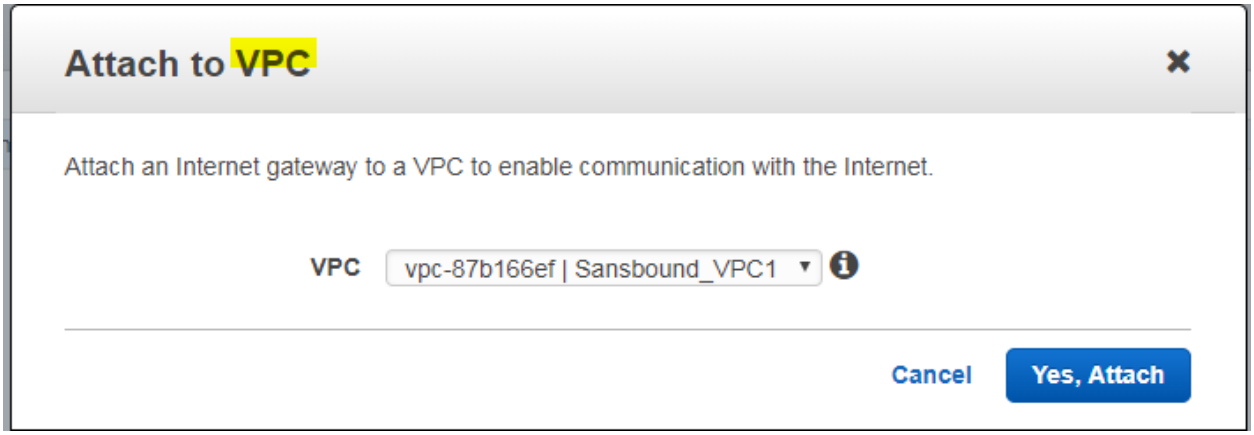


While creating internet gateway Name tag as “Sansbound_VPC1_IGW”.



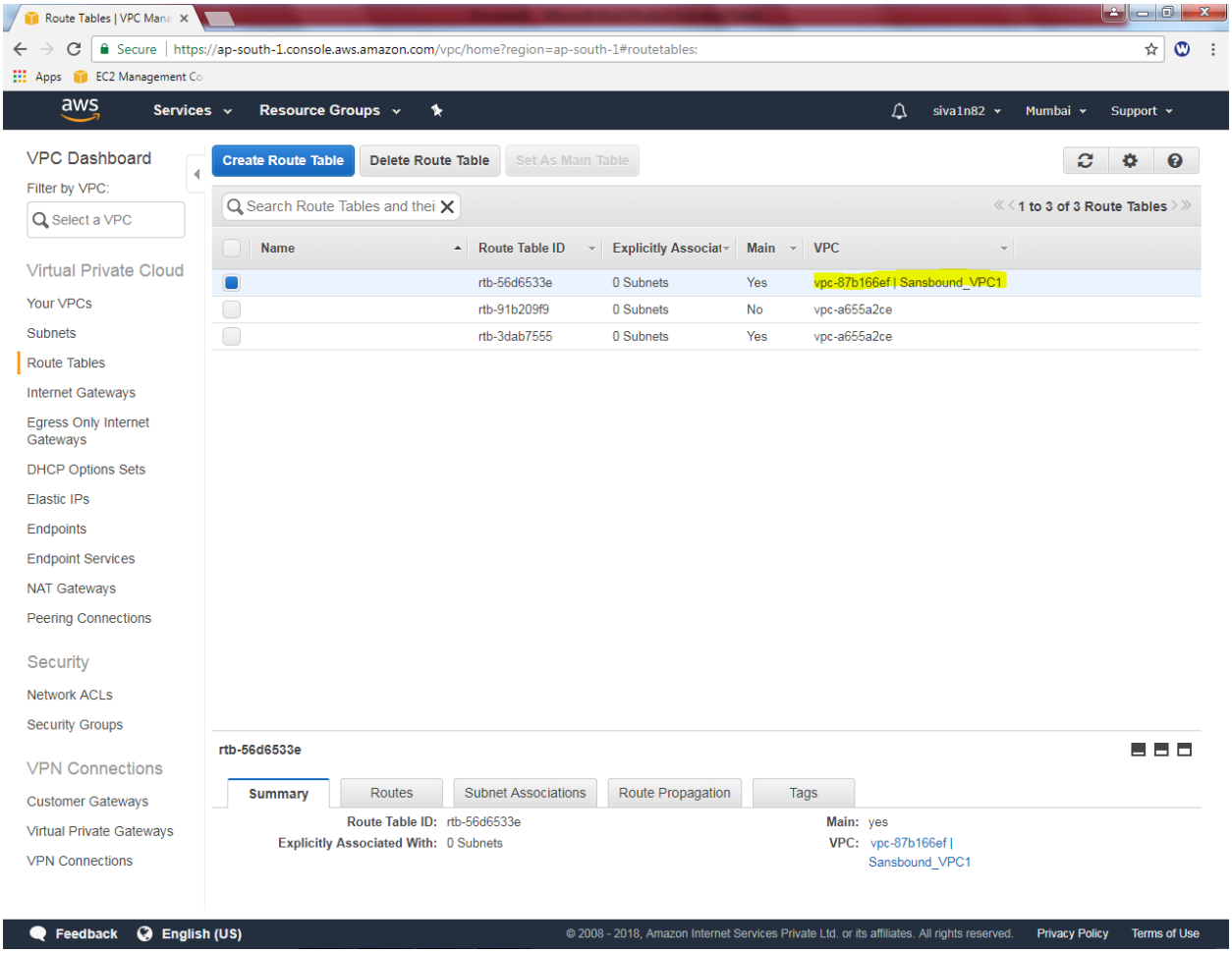
It shows, IGW in detached state, we need to attach VPC.





Click “Yes, Attach”.

Rename the Sansbound_VPC1 route table as sansbound-public_route.


Route Tables | VPC Mana
Secure | https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#routetables:
Apps
EC2 Management Co
aws
Services
Resource Groups
sivaln82
Mumbai
Support
VPC Dashboard
Filter by VPC:
Select a VPC
Virtual Private Cloud
Your VPCs
Subnets
Route Tables
Internet Gateways
Egress Only Internet Gateways
DHCP Options Sets
Elastic IPs
Endpoints
Endpoint Services
NAT Gateways
Peering Connections
Security
Network ACLs
Security Groups
VPN Connections
Customer Gateways
Virtual Private Gateways
VPN Connections
Create Route Table
Delete Route Table
Set As Main Table
Search Route Tables and thei
1 to 3 of 3 Route Tables
Name
Route Table ID
Explicitly Associat
Main
VPC
rtb-56d6533e
0 Subnets
Yes
vpc-87b166ef | Sansbound_VPC1
rtb-91b209f9
0 Subnets
No
vpc-a655a2ce
rtb-3dab7555
0 Subnets
Yes
vpc-a655a2ce
rtb-56d6533e
Summary
Routes
Subnet Associations
Route Propagation
Tags
Route Table ID: rtb-56d6533e
Explicitly Associated With: 0 Subnets
Main: yes
VPC: vpc-87b166ef | Sansbound_VPC1
Feedback
English (US)
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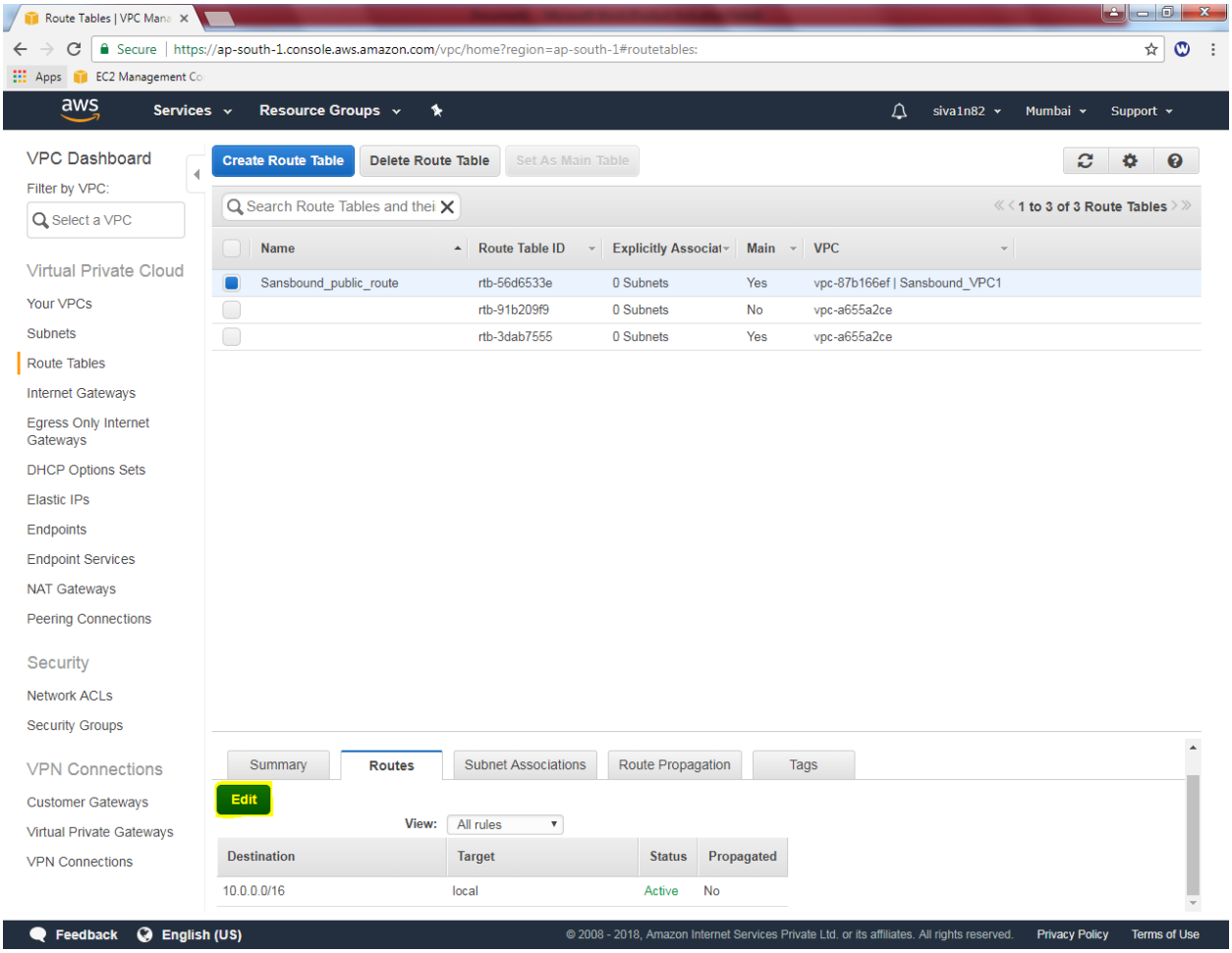
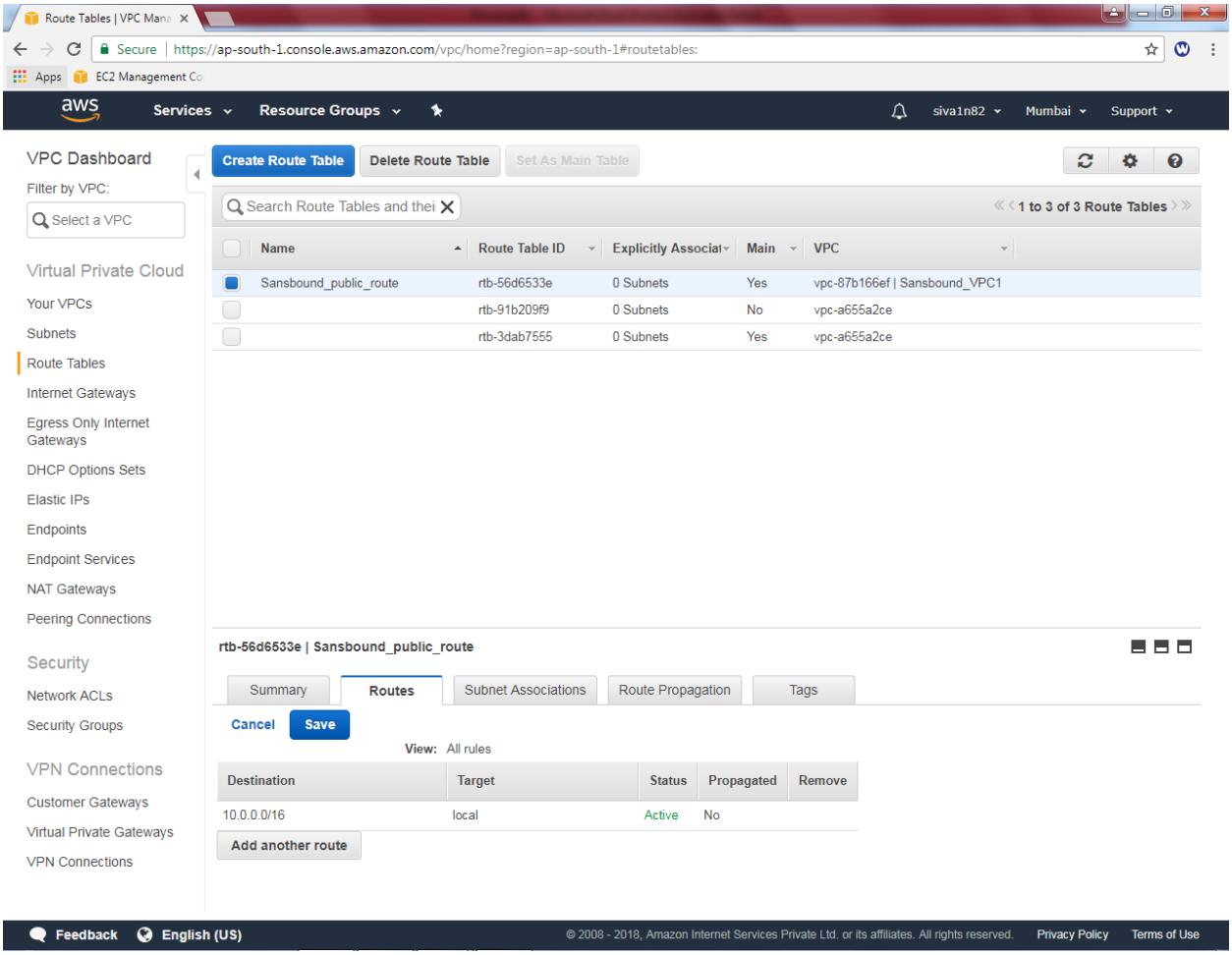
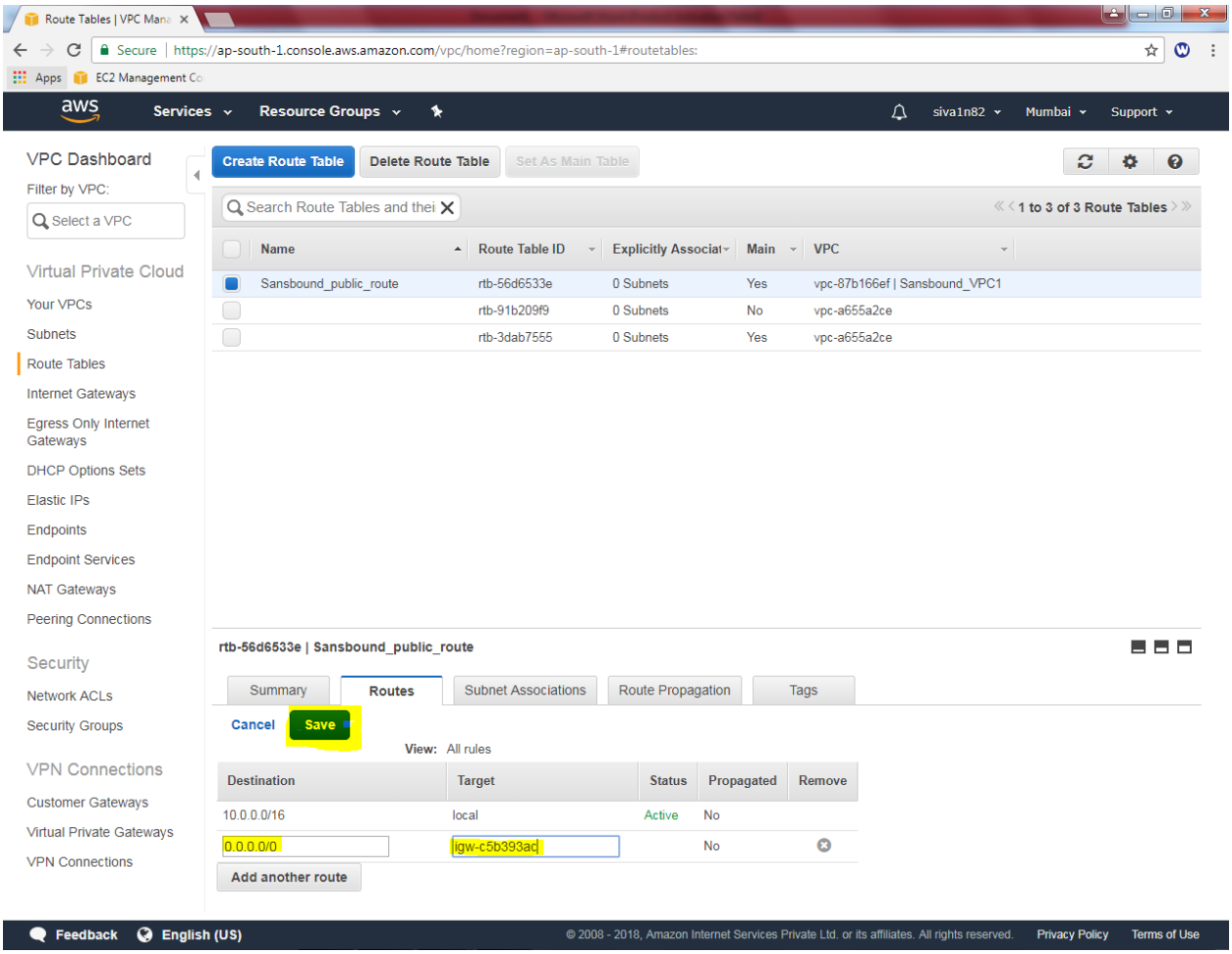
In Sanbound_Public_route table, select route tab then click “Edit” option.



Click “Add another route” button.

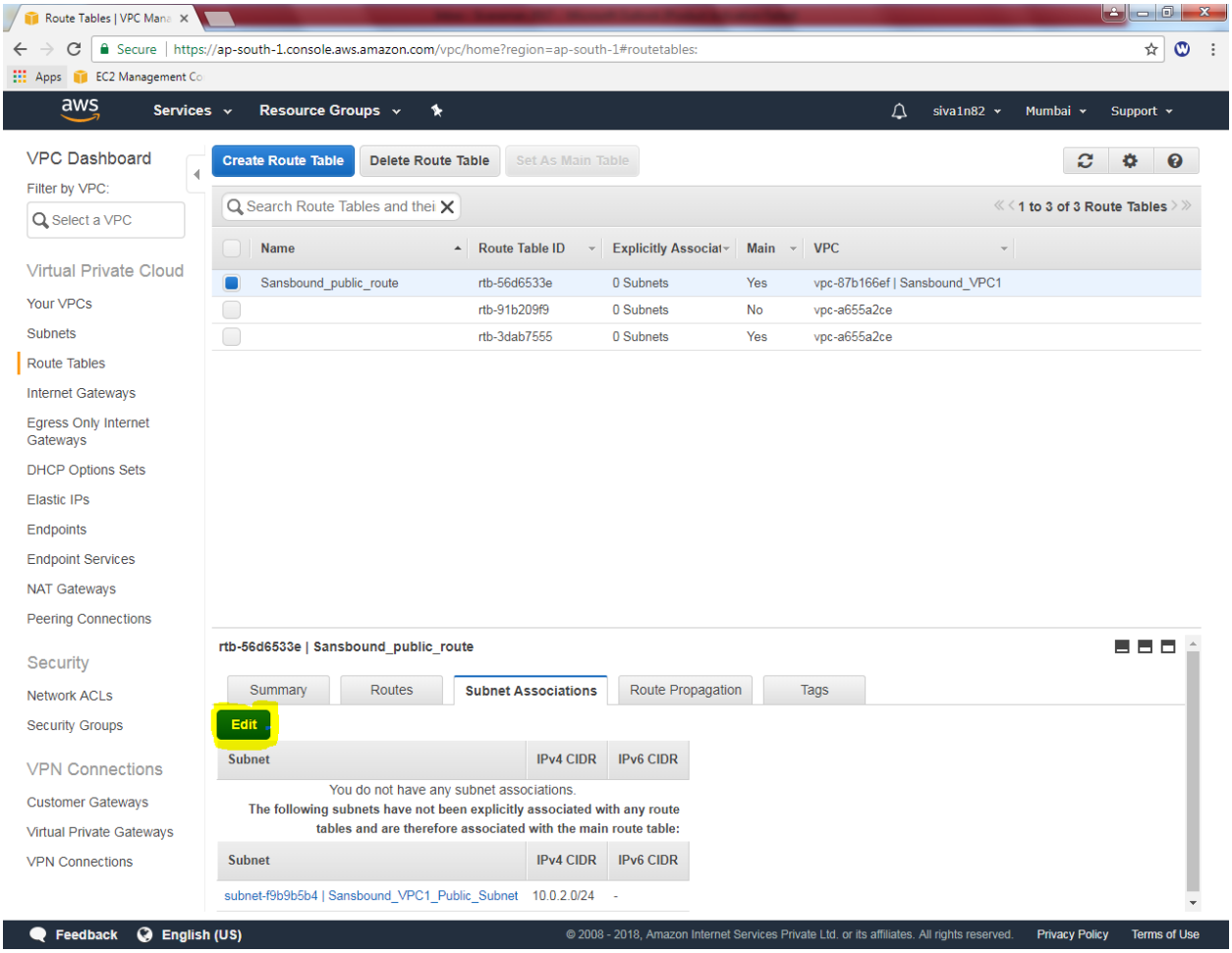


Add default route 0.0.0.0/0 and select **”igw-*”** as target.

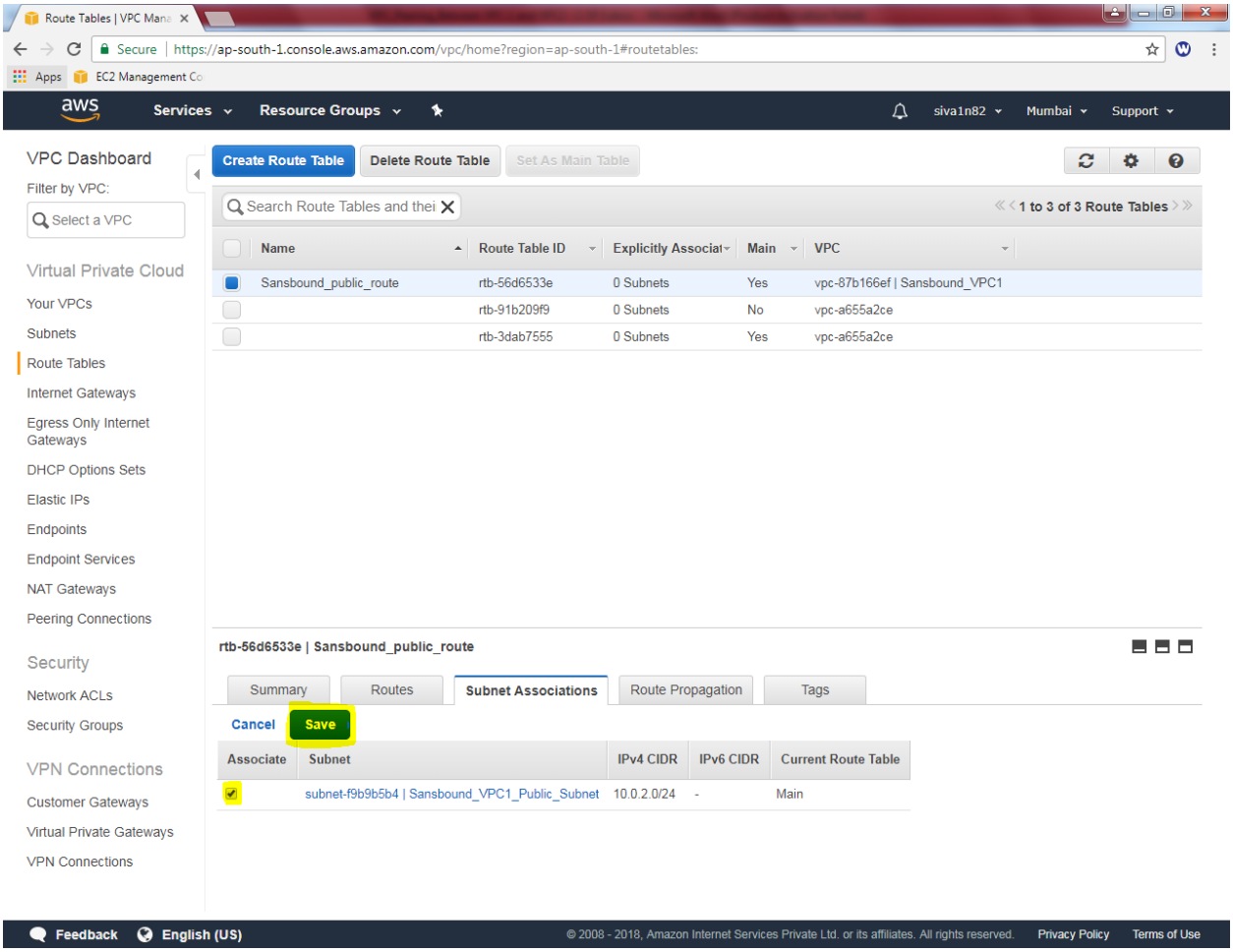


Then click “save”.

Then we need to associate the subnet. Click “Subnet associations” tab, then click “Edit” option.

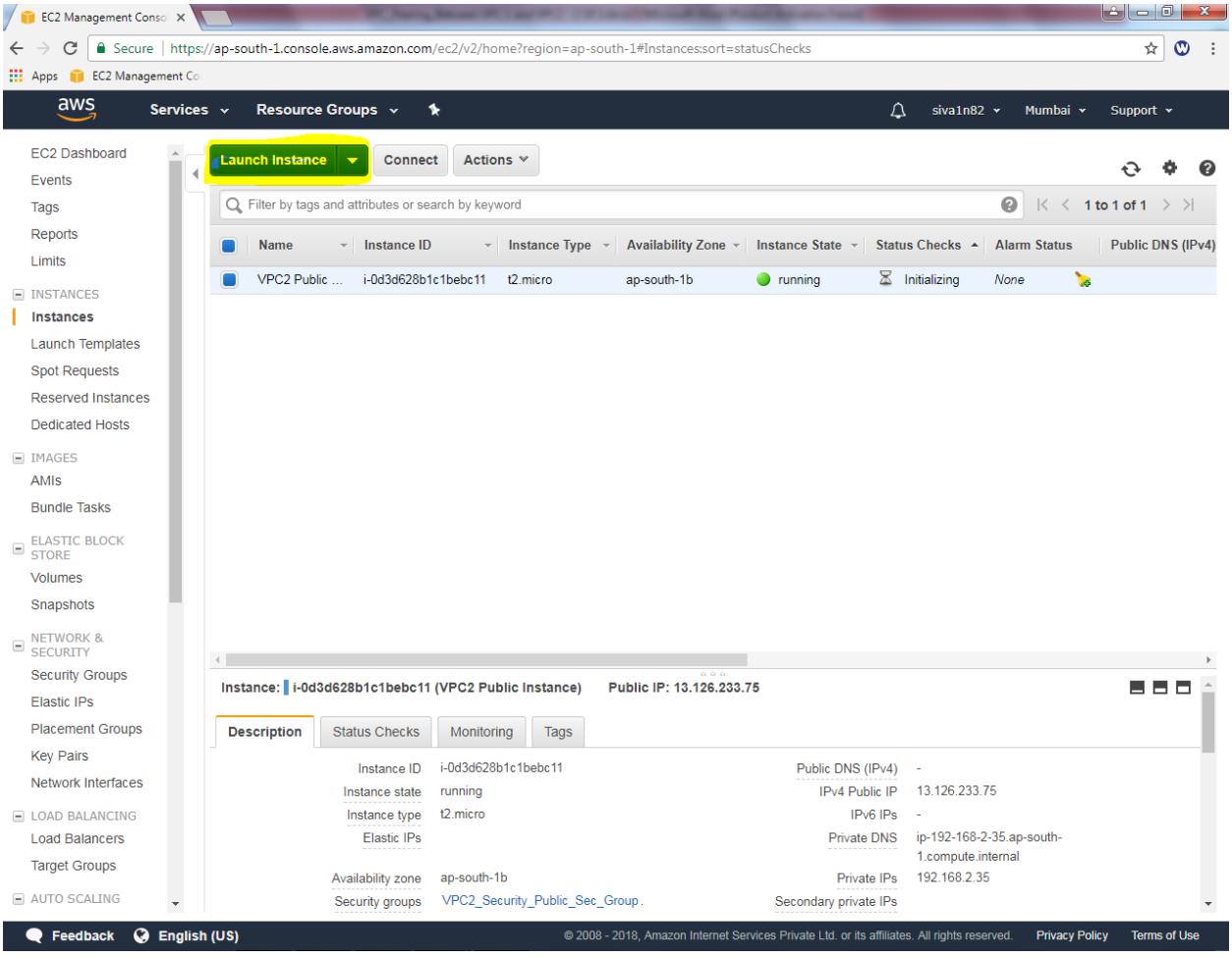


Select option check box option to select “sansbound_VPC1_Public_subnet”.

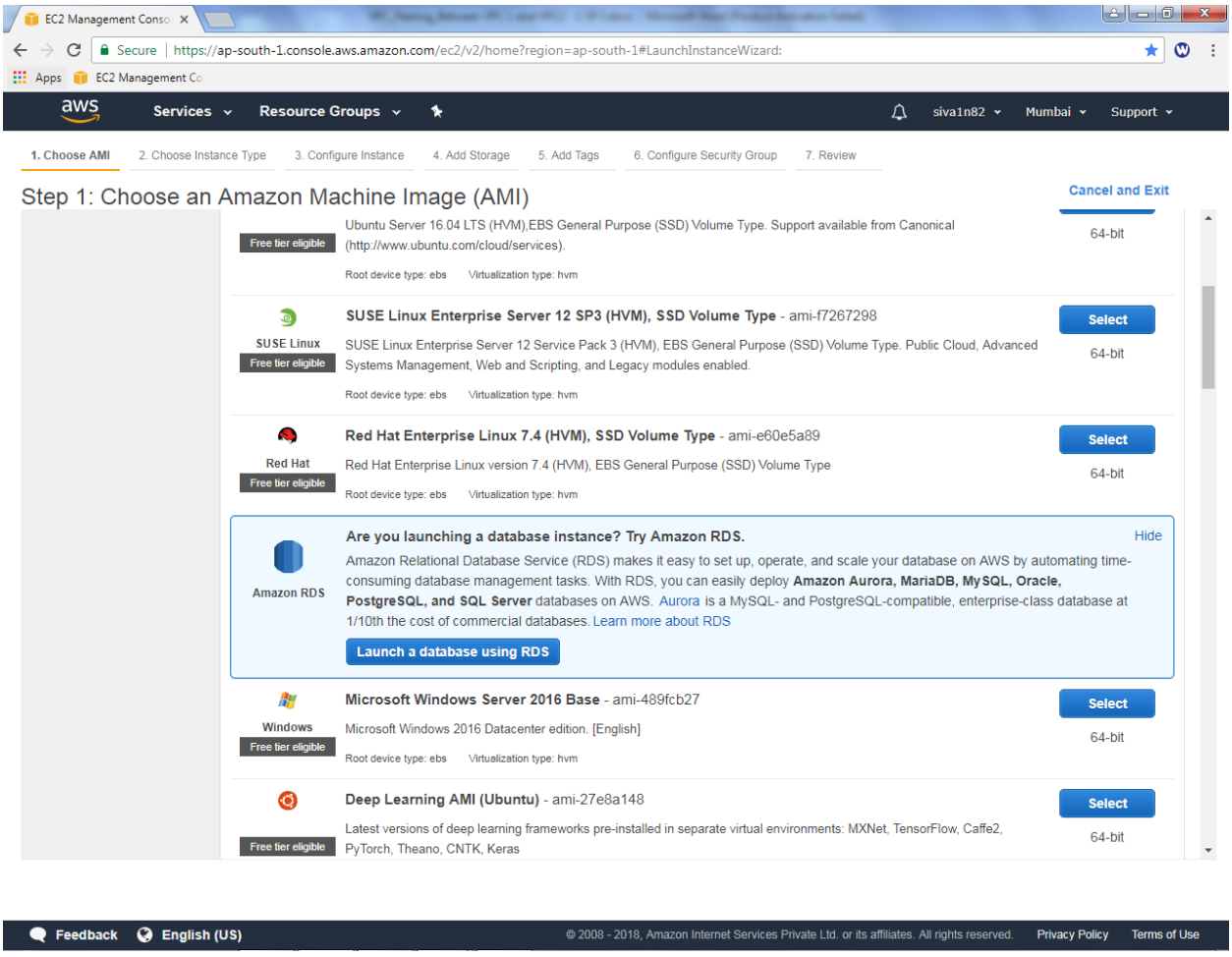


Then click “Save”.

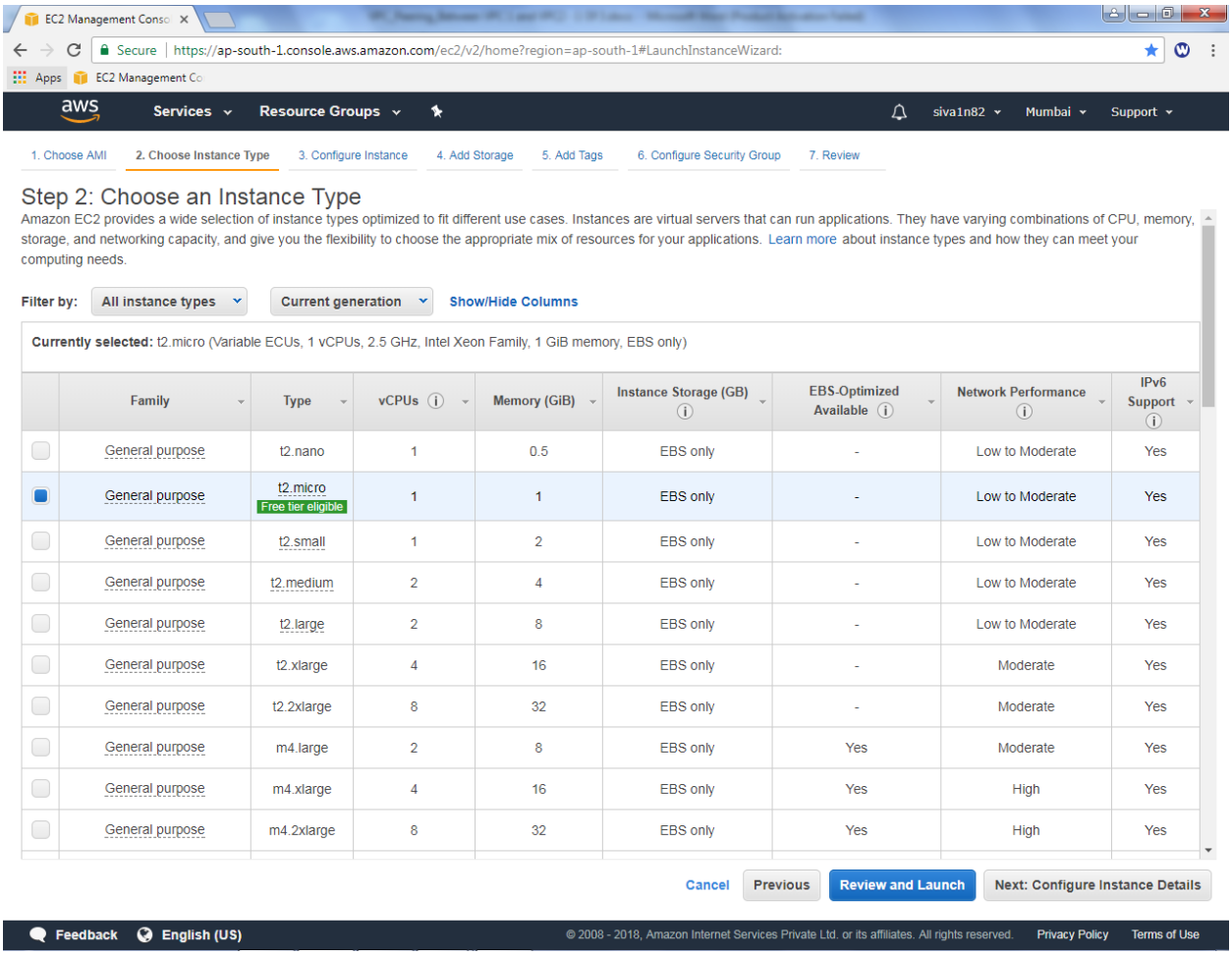
Then we need to create an instance for VPC1. Click “Launch Instance”.



Select “Microsoft Windows server 2016 Base”option.



Select “t2 micro”

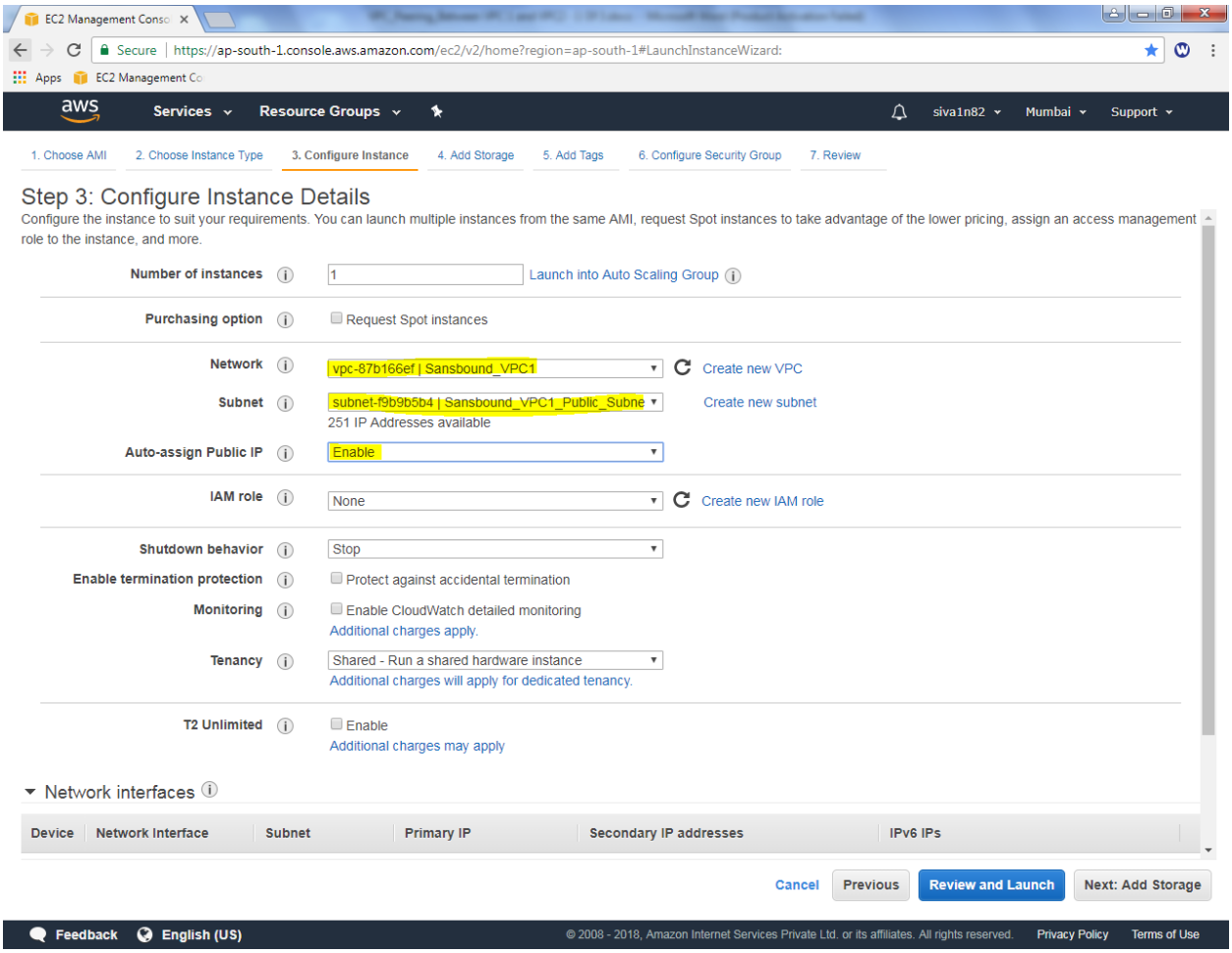


Click “Next”.

Select Network as Sansbound_VPC1

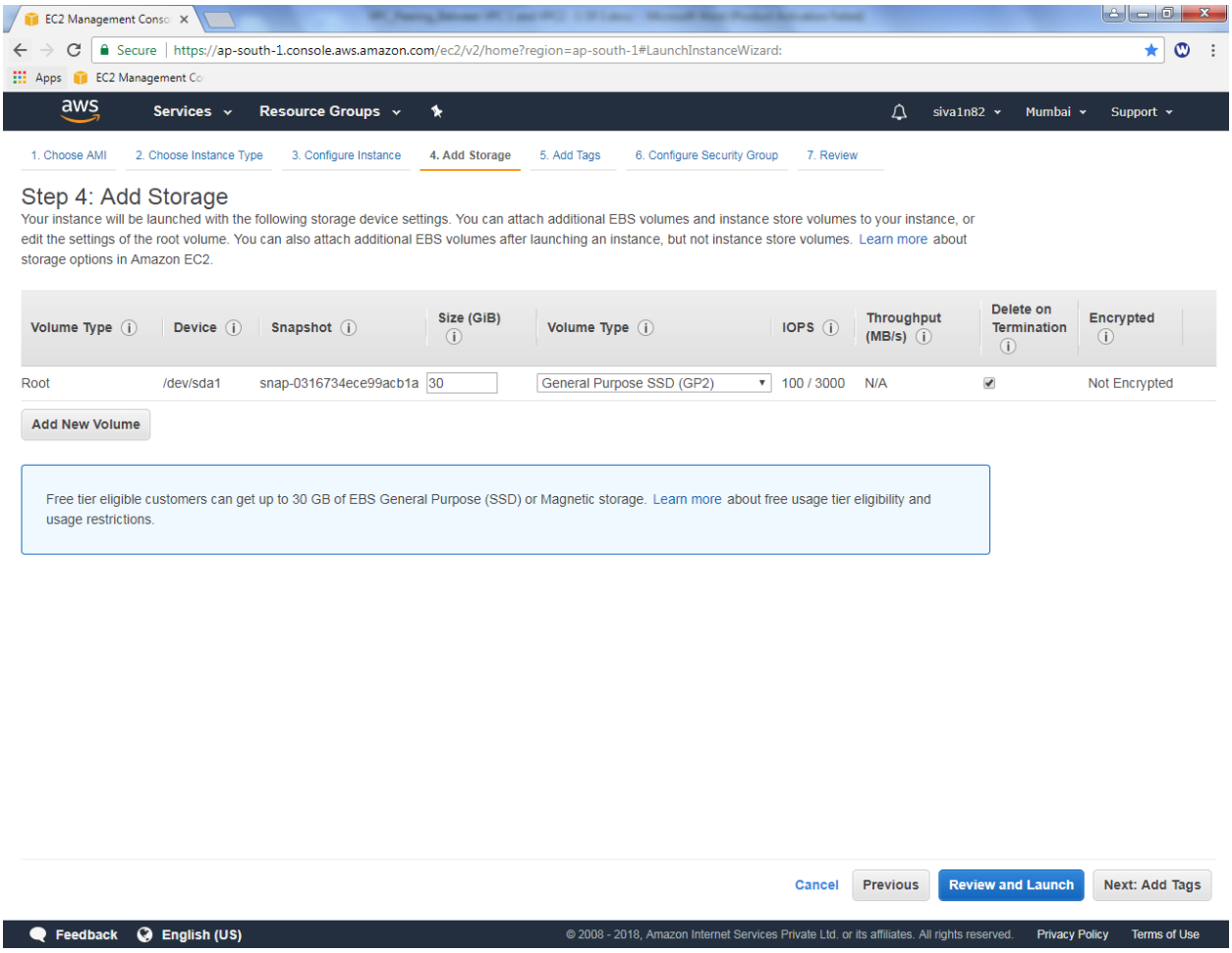
Subnet : Sansbound_VPC1_public_Subnet

Auto Assign Public IP: Enable.

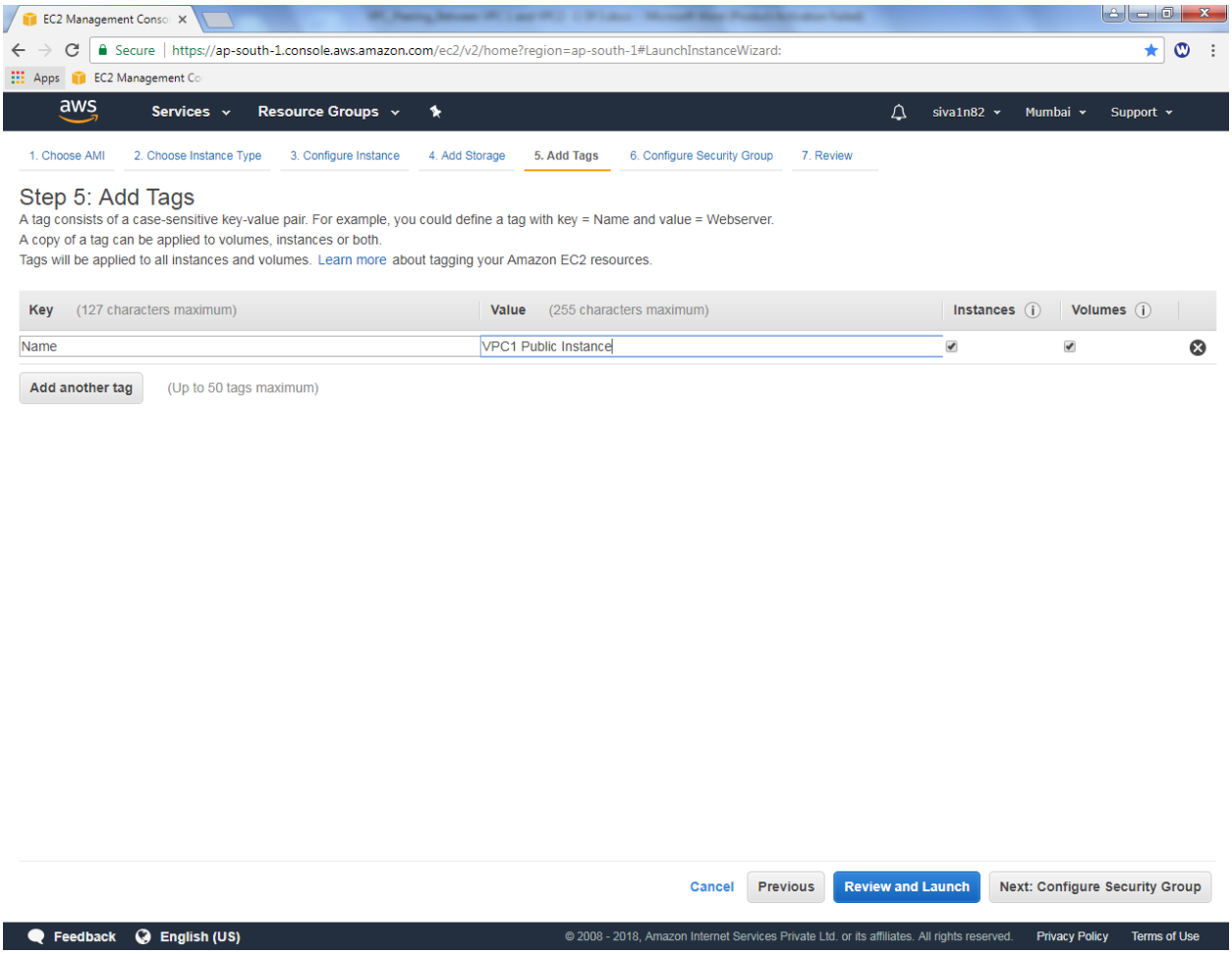


Click “Next”.

Leave default and click “Next”.

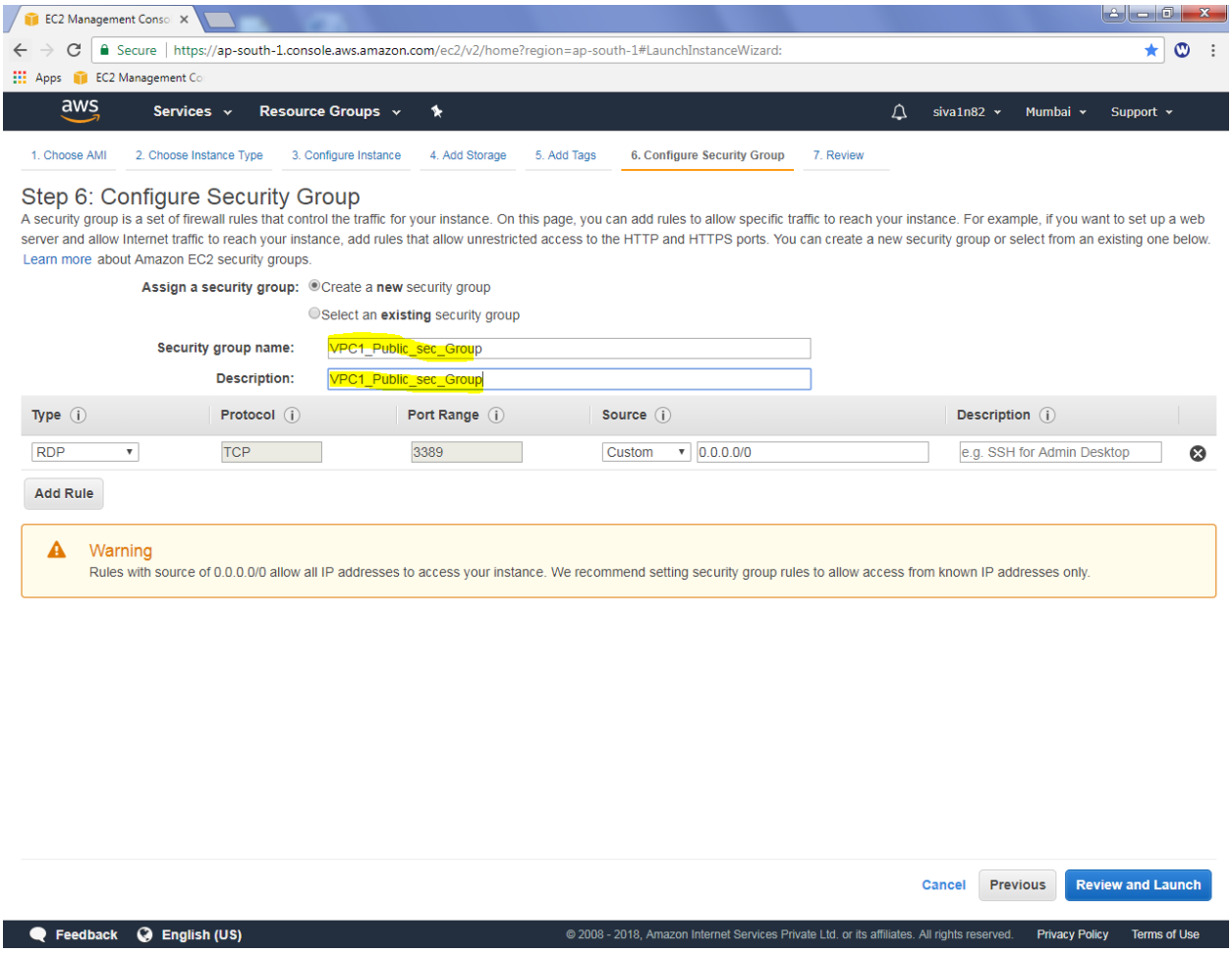


Name: VPC1 Public Instance



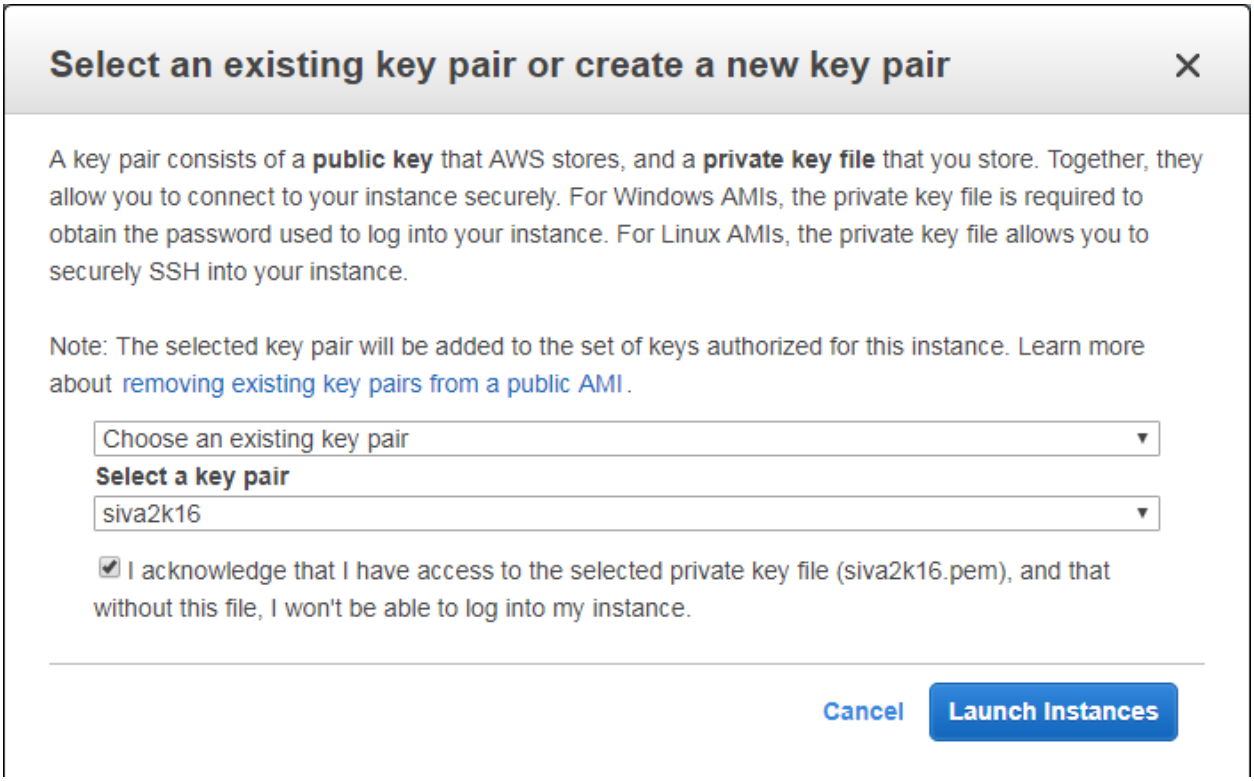
Click “Next”.

Create a new security group for VPC1, as VPC1_Public_Sec_Group.



Click “Review and Launch”.

Select the keypair the launch the machine.



Click launch instance to run the machine.