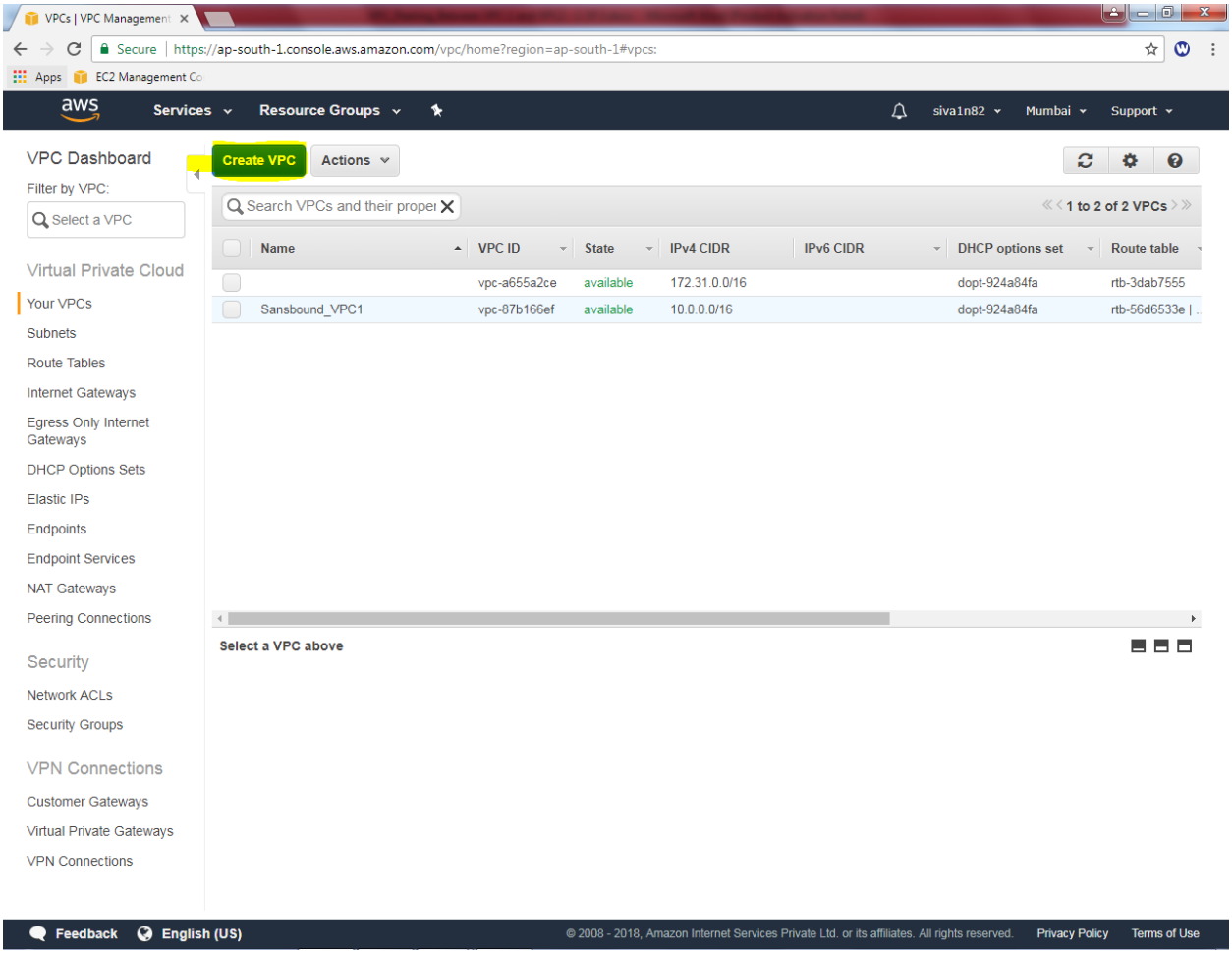
Lab 13

Configure VPC Peering Between two VPC's – 2 of 3

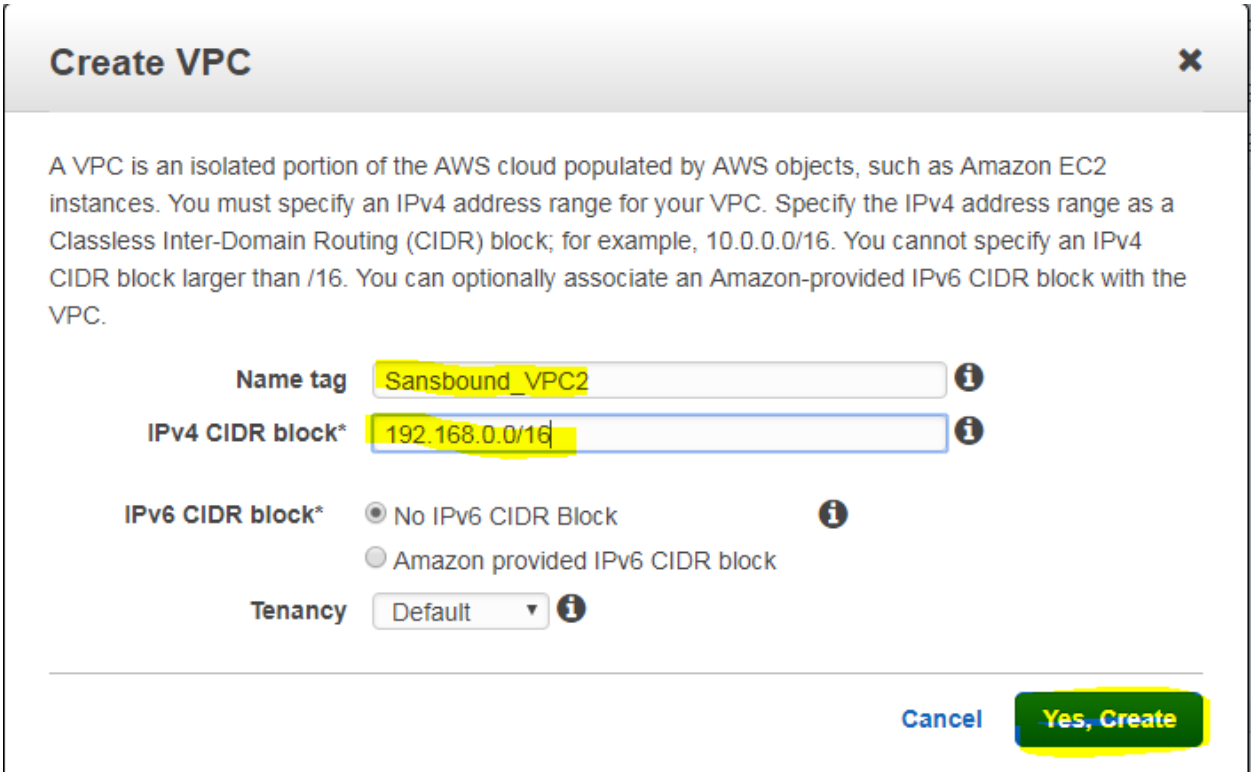
We need to create VPC2 in Mumbai region,

Click "create VPC".



While creating VPC, name tag as “Sansbound_VPC2”.

IPV4 CIDR block as 192.168.0.0/16 subnet



click “Yes, create”.

Then we need to create subnet for the Sansbound_VPC2.

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

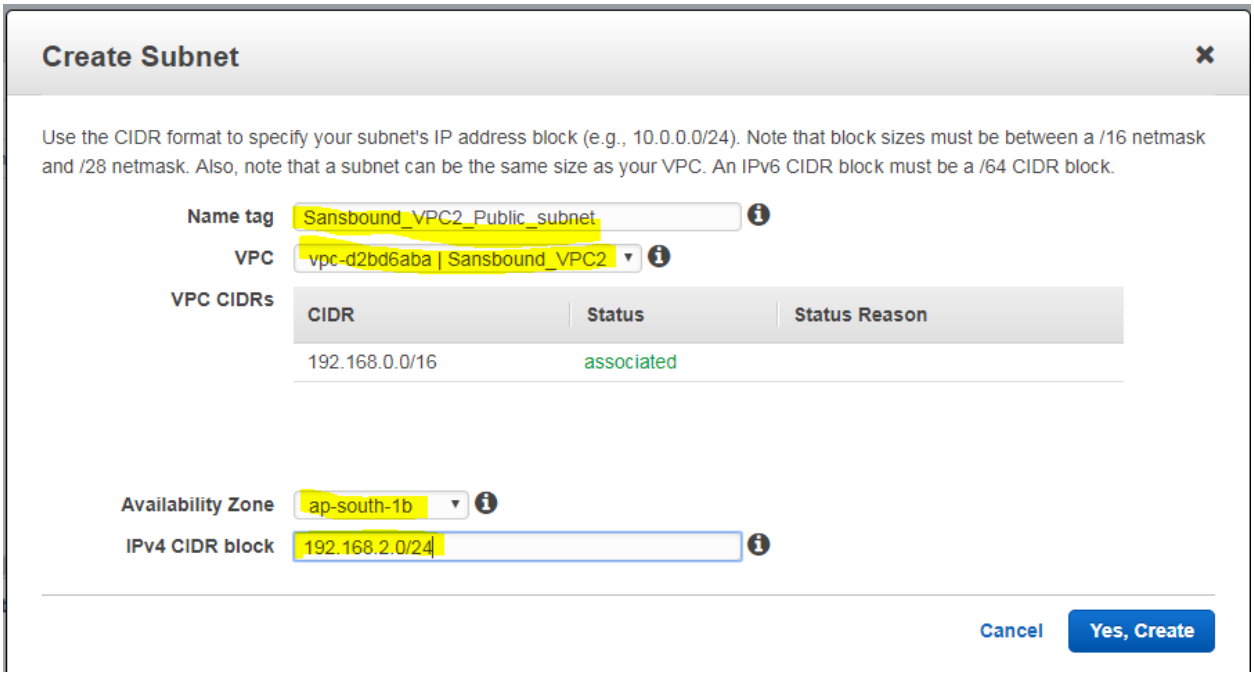
While creating subnet,

Name tag as “Sansbound_VPC2_Public_Subnet”.

VPC as Sansbound_VPC2.

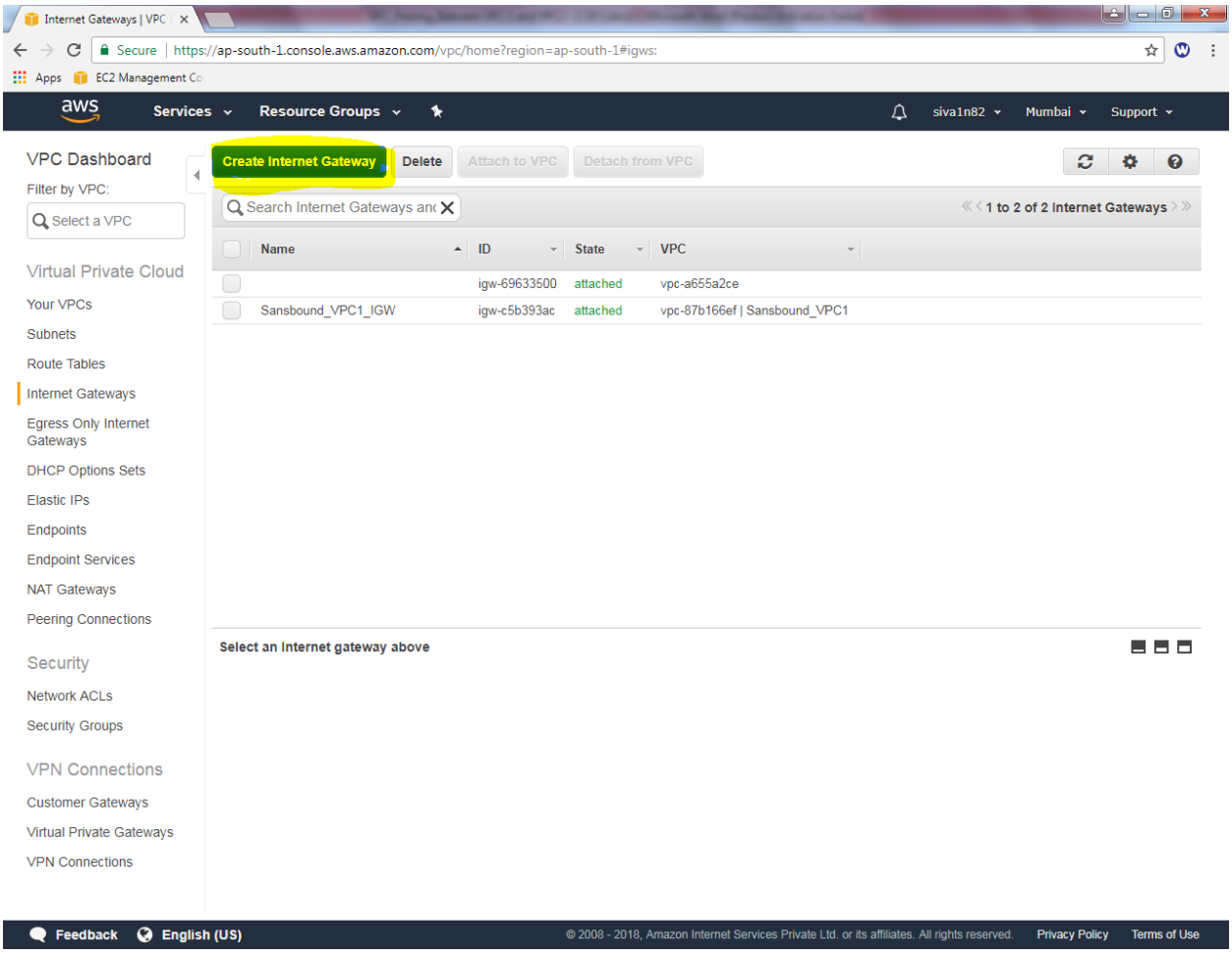
Availability Zone – 1B (Optional)

IPv4 CIDR Block – 192.168.2.0/24 subnet.

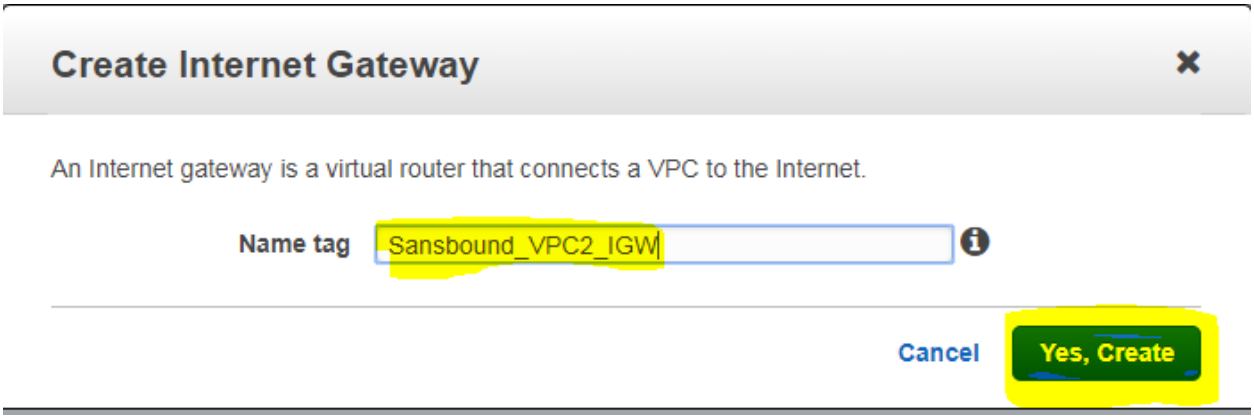


Click “Yes, create”.

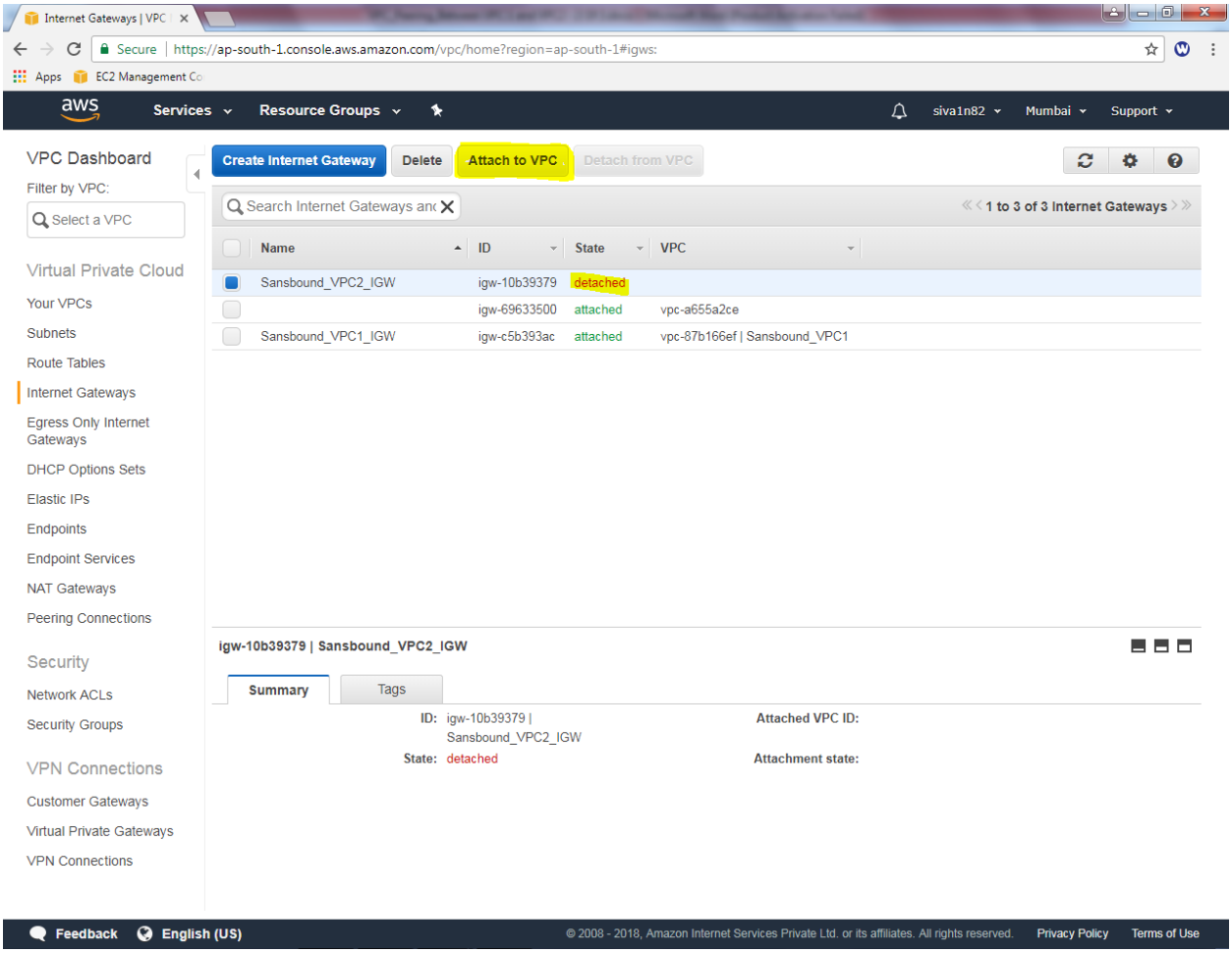
Then we need to create an internet gateway, click “create Internet Gateway”.

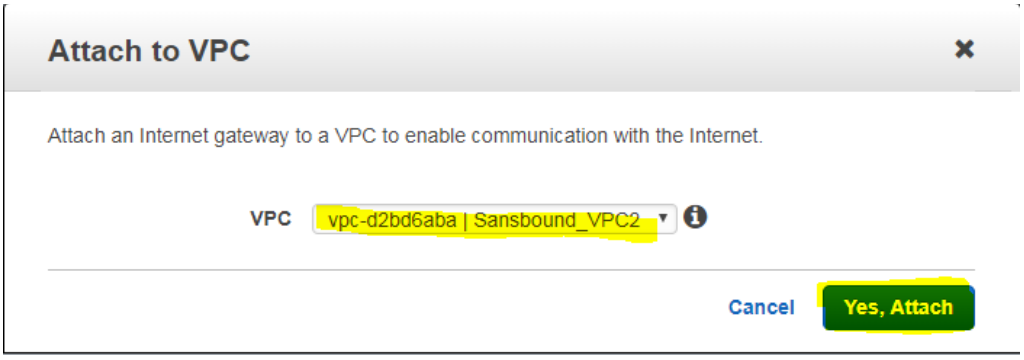


While creating internet gateway Name tag as “Sansbound_VPC2_IGW”.



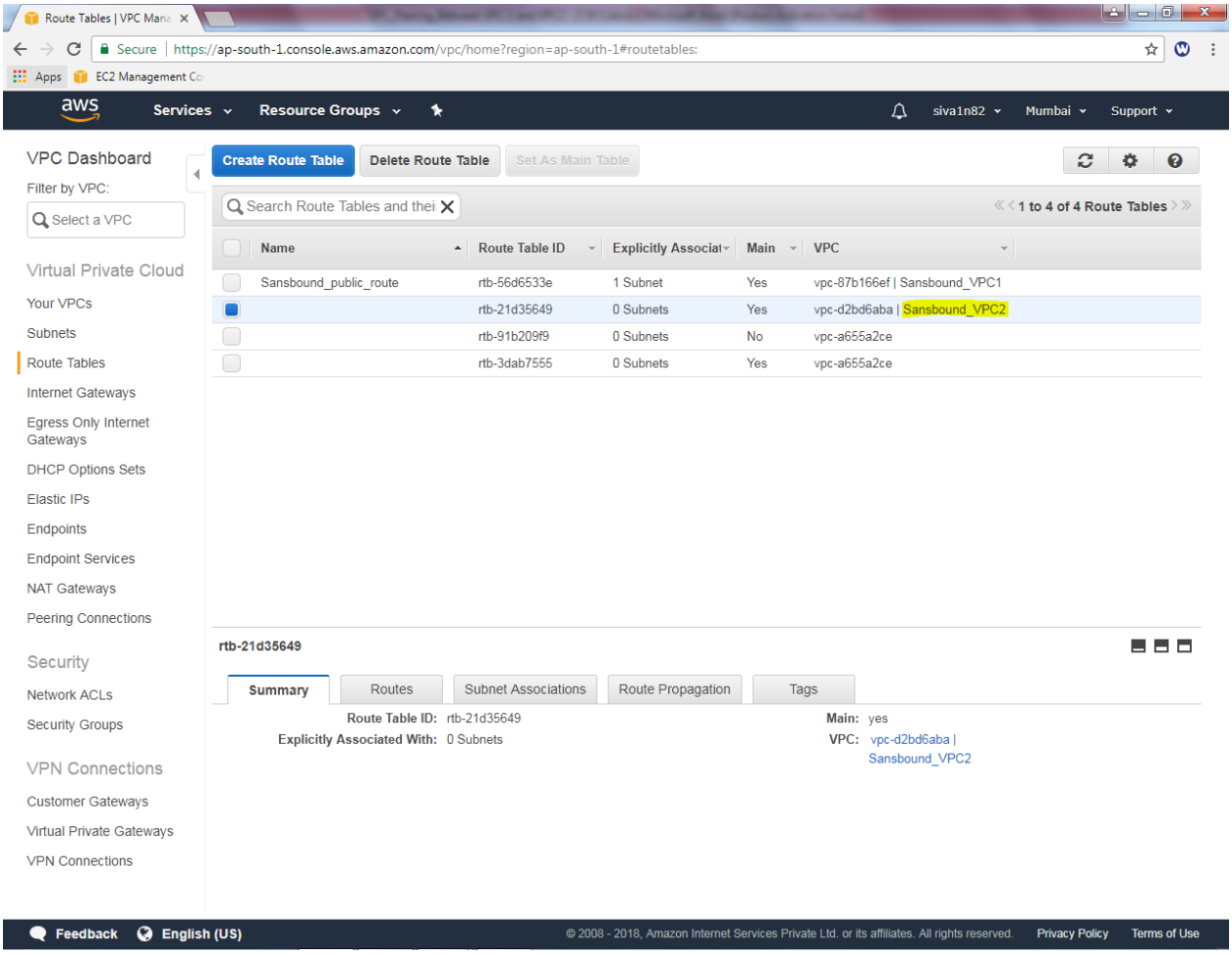
It shows, IGW in detached state, we need to attach VPC.

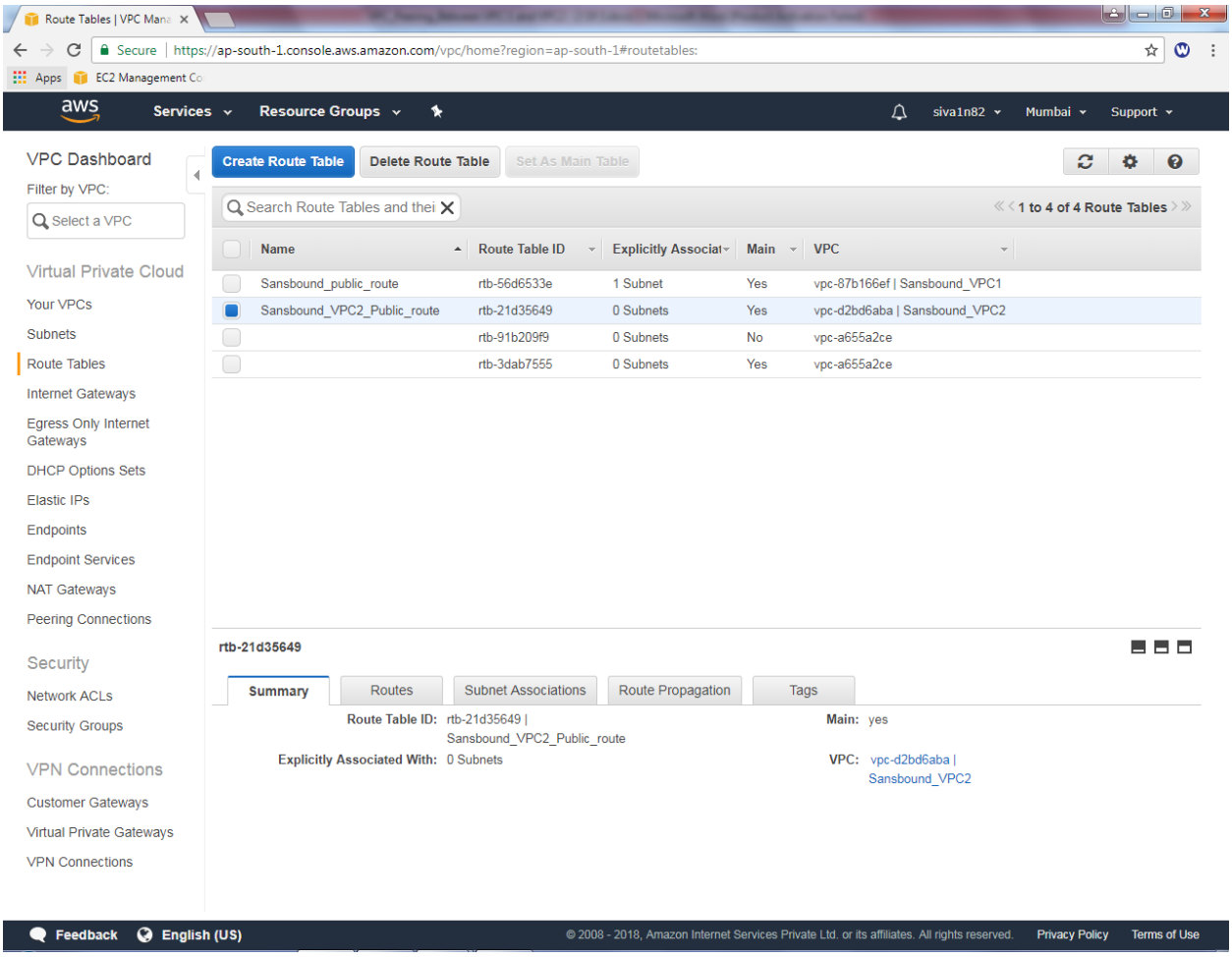




Click “Yes, Attach”.

Rename the Sansbound_VPC1 route table as sansbound_VPC2_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
siva1n82
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 4 of 4 Route Tables
Name
Route Table ID
Explicitly Associat
Main
VPC
Sansbound_public_route
rtb-56d6533e
1 Subnet
Yes
vpc-87b166ef | Sansbound_VPC1
Sansbound_VPC2_Public_route
rtb-21d35649
0 Subnets
Yes
vpc-d2bd6aba | Sansbound_VPC2
rtb-91b209f9
0 Subnets
No
vpc-a655a2ce
rtb-3dab7555
0 Subnets
Yes
vpc-a655a2ce
rtb-21d35649
Summary
Routes
Subnet Associations
Route Propagation
Tags
Route Table ID: rtb-21d35649 | Sansbound_VPC2_Public_route
Main: yes
Explicitly Associated With: 0 Subnets
VPC: vpc-d2bd6aba | Sansbound_VPC2
Feedback
English (US)
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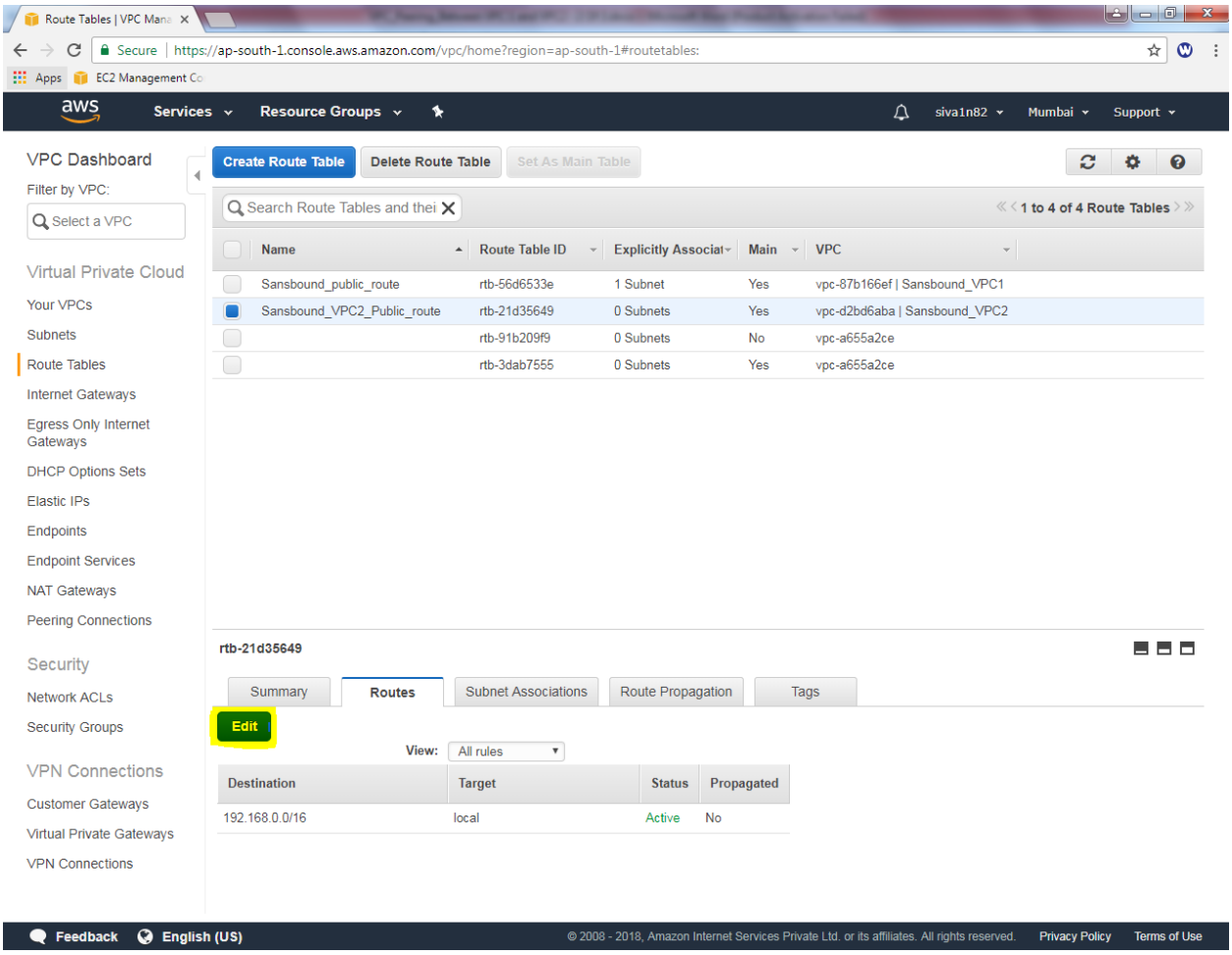
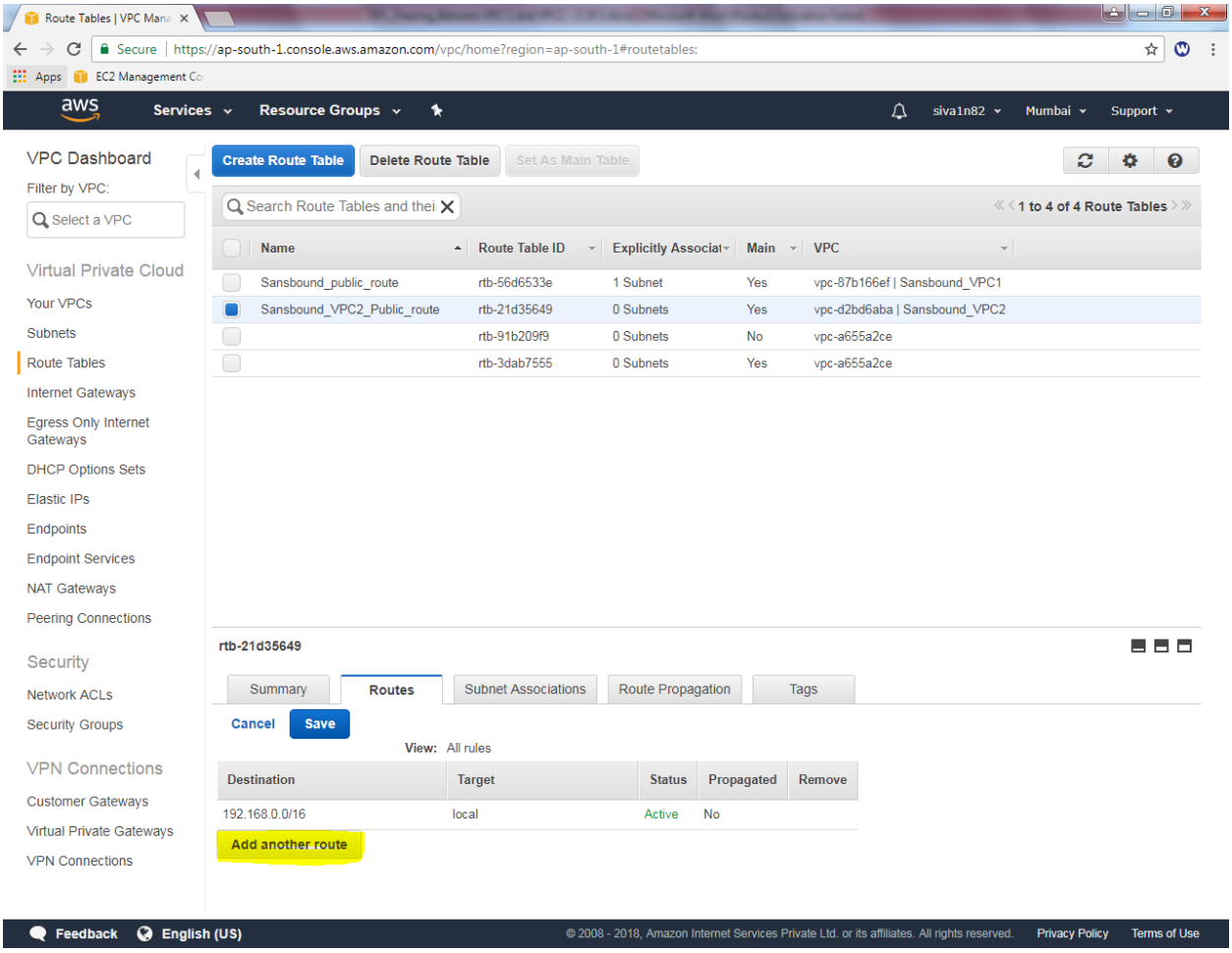
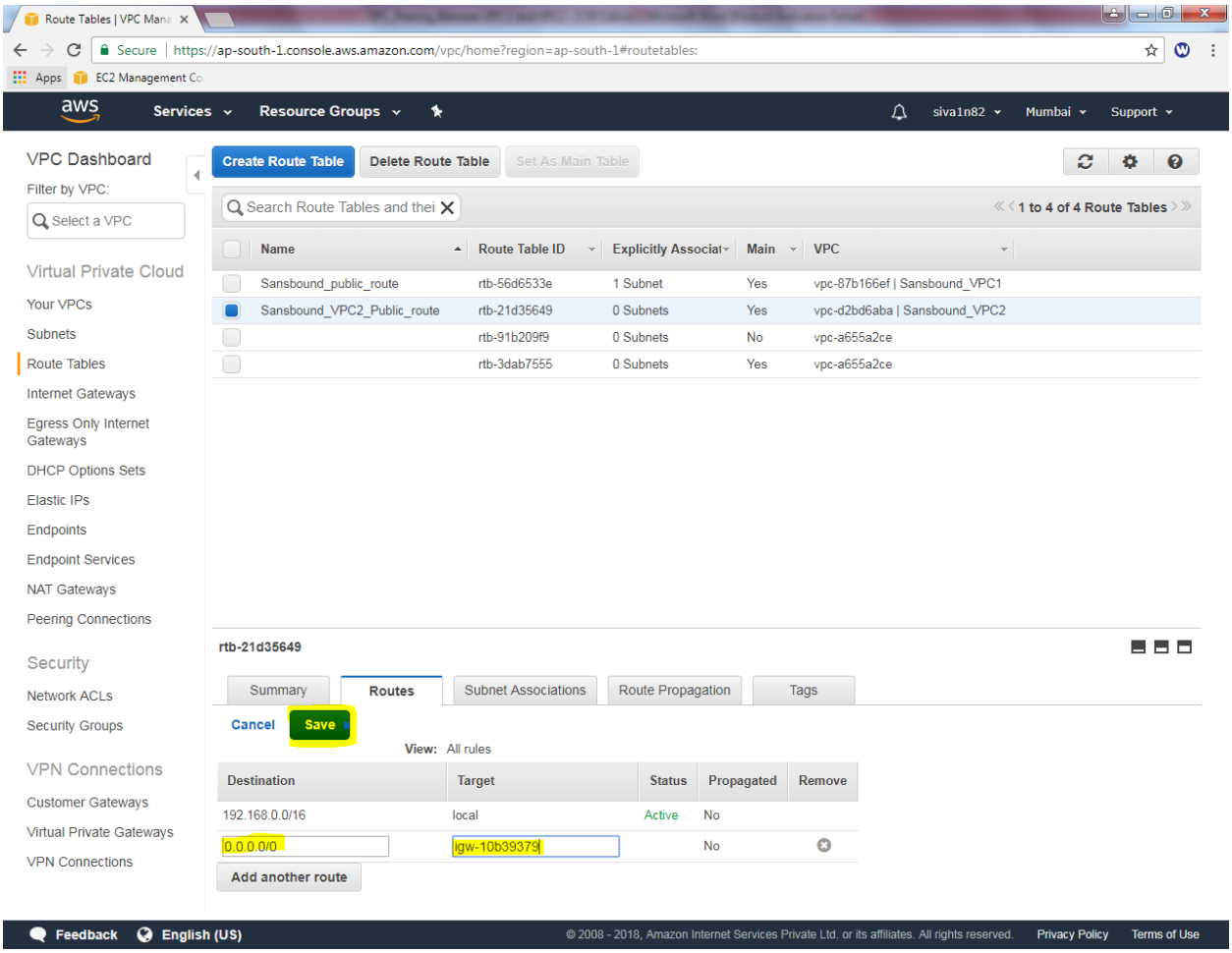
InSanbound_VPC2_Public_route table, select route tab then click “Edit” option.



Click “Add another route”button.

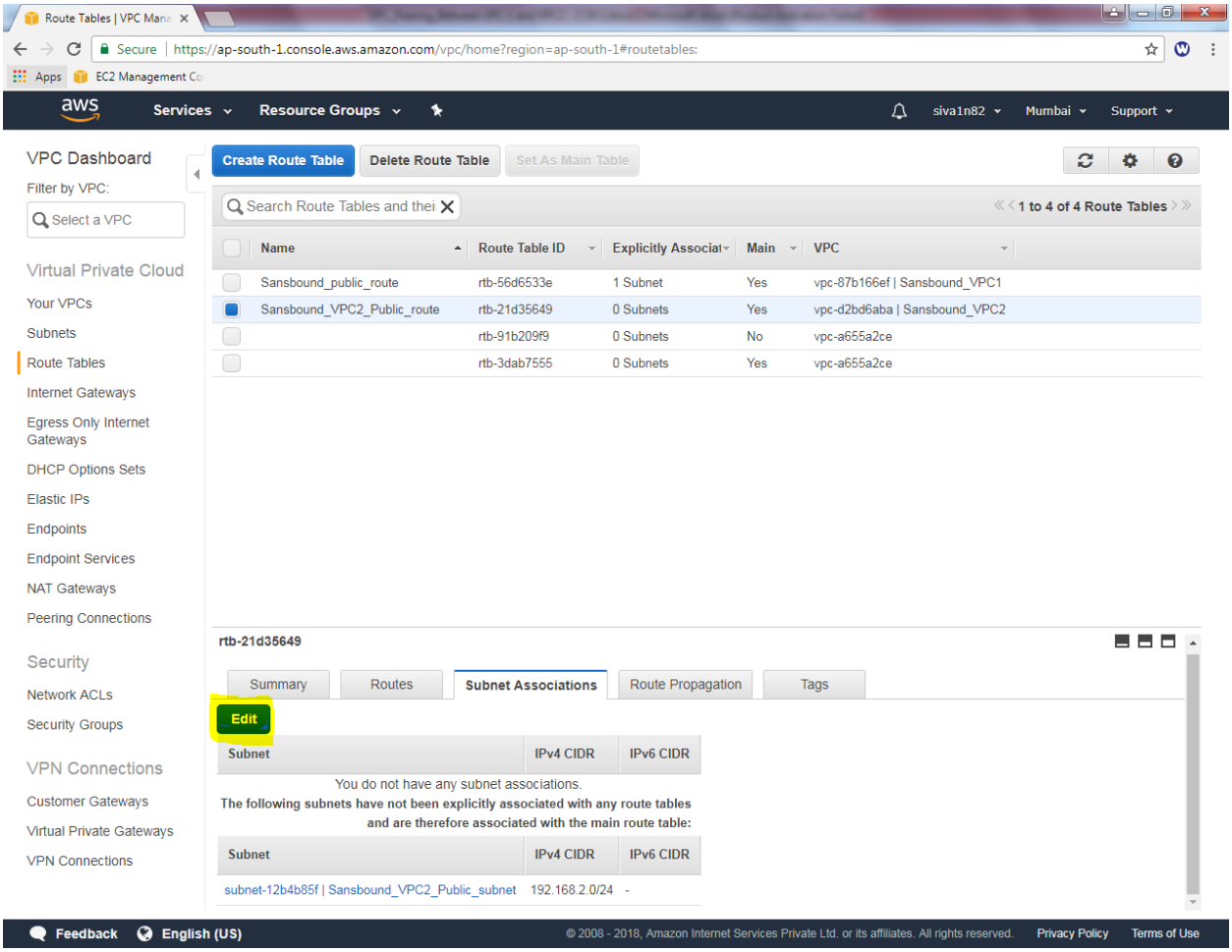


Add default route 0.0.0.0/0 and select **”igw-*”** as target.

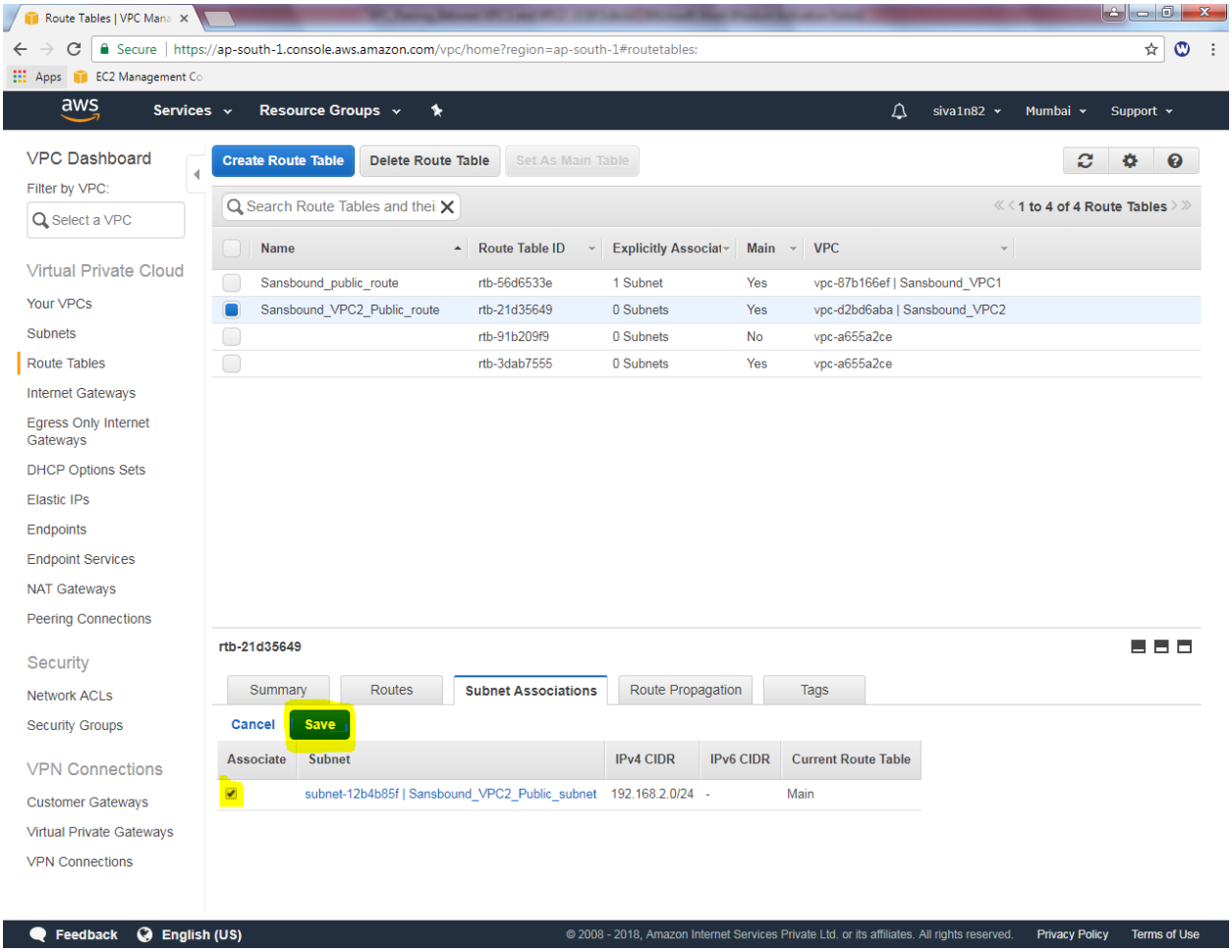


Then click “save”.

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

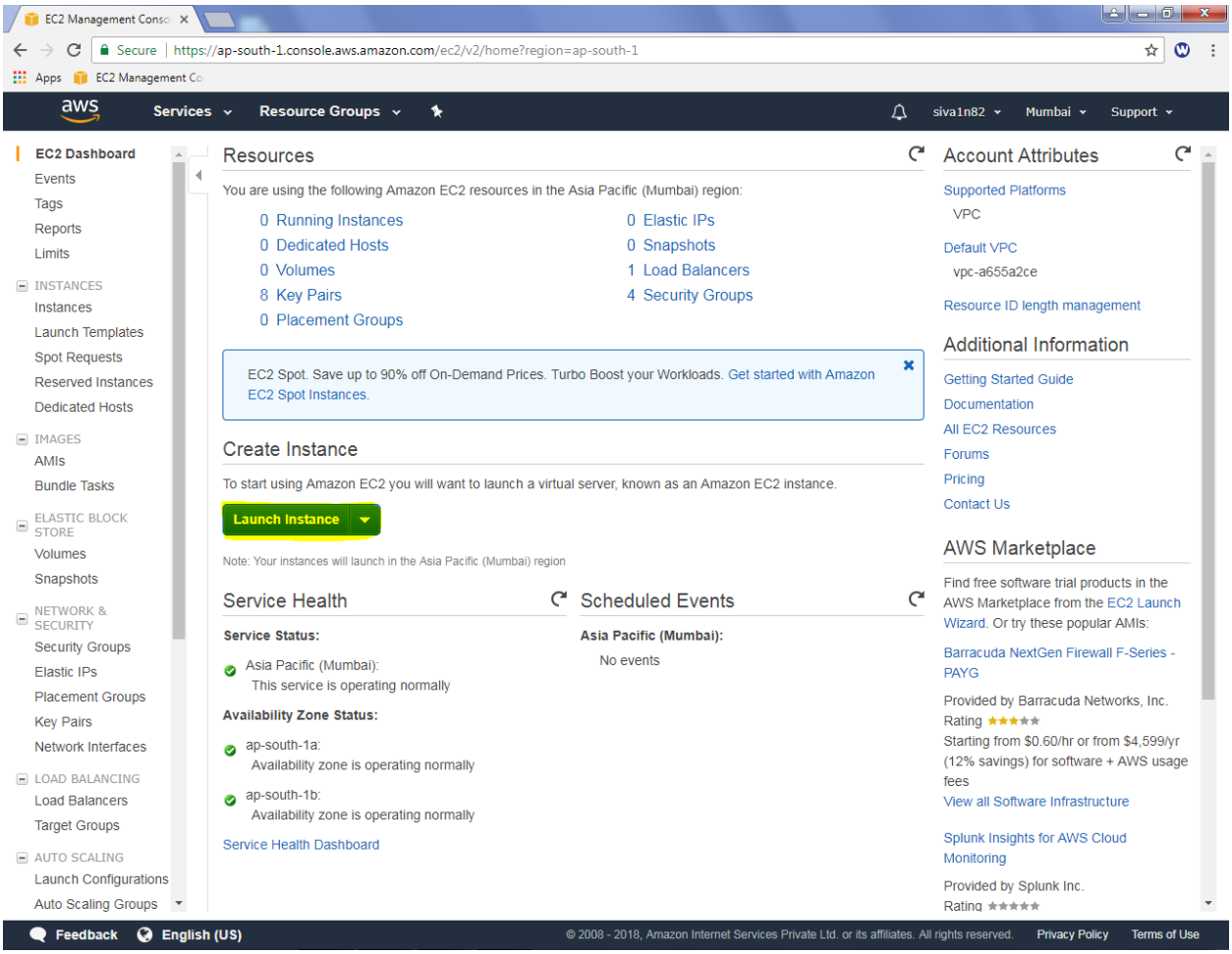


Select option check box option to select “sansbound_VPC2_Public_subnet”.

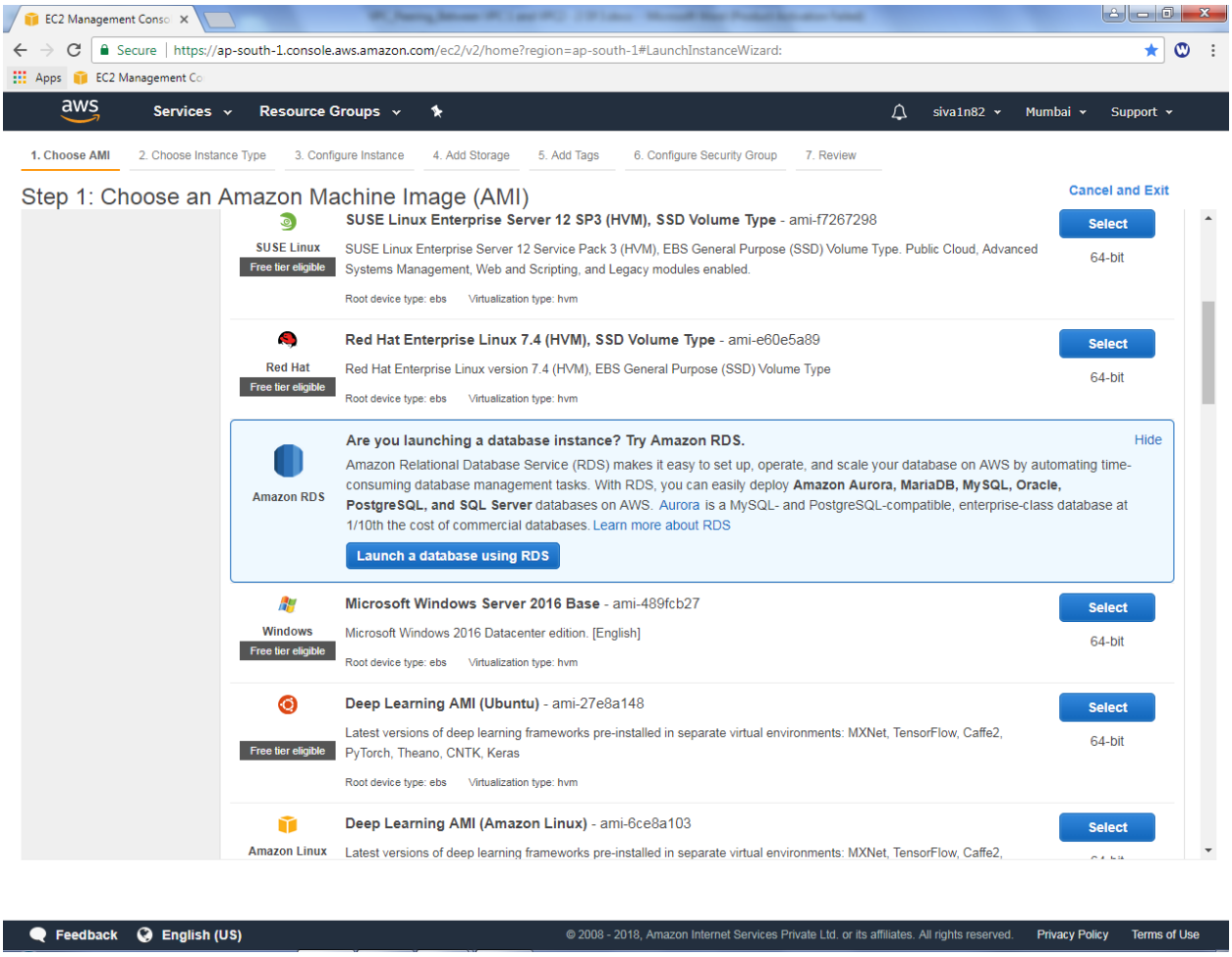


Then click “Save”.

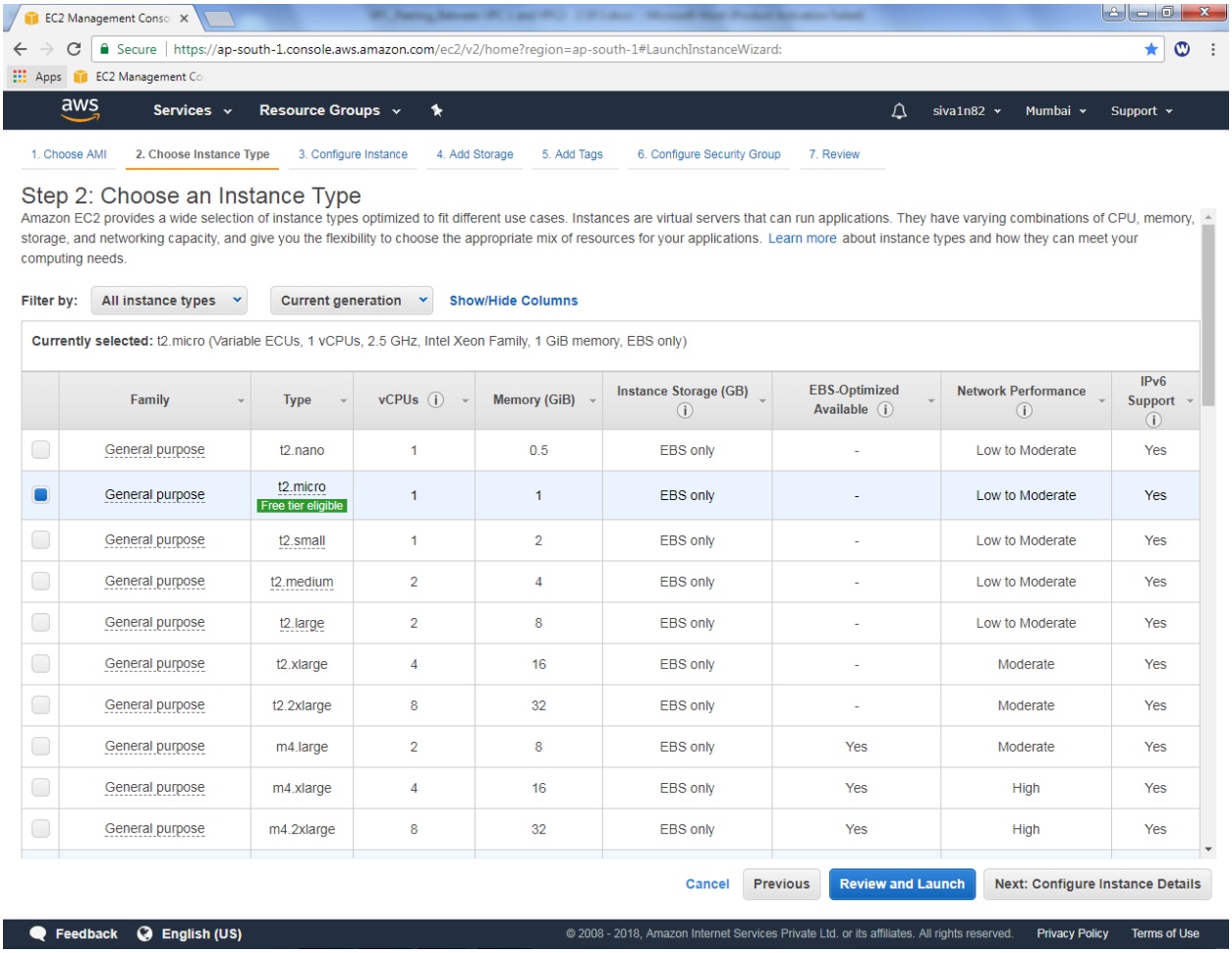
Then we need to create an instance for VPC2. Click “Launch Instance”.



Select “Microsoft Windows server 2016 Base “option.



Select “t2.micro”.

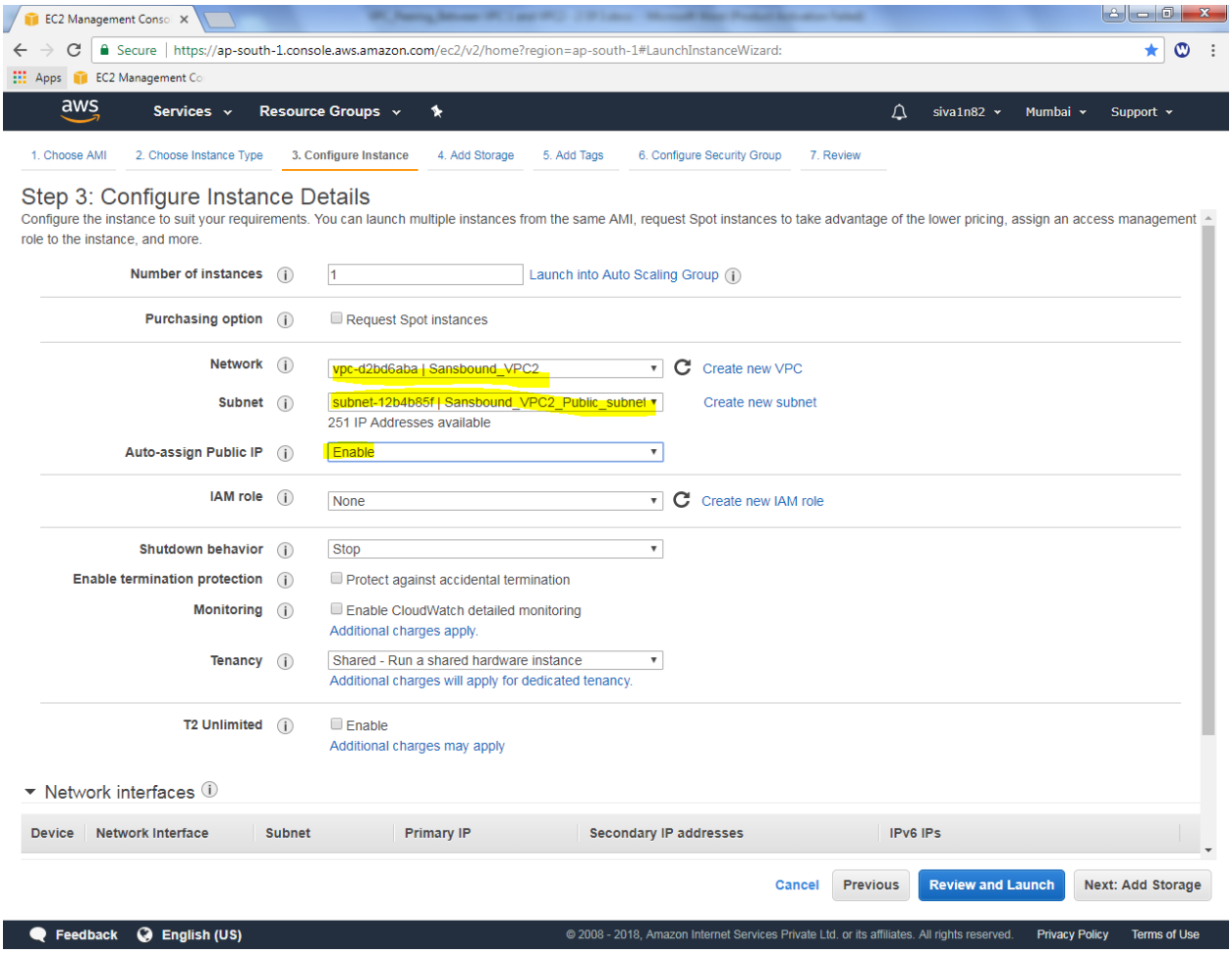


Click “Next”.

Select network as “Sansbound_VPC2”

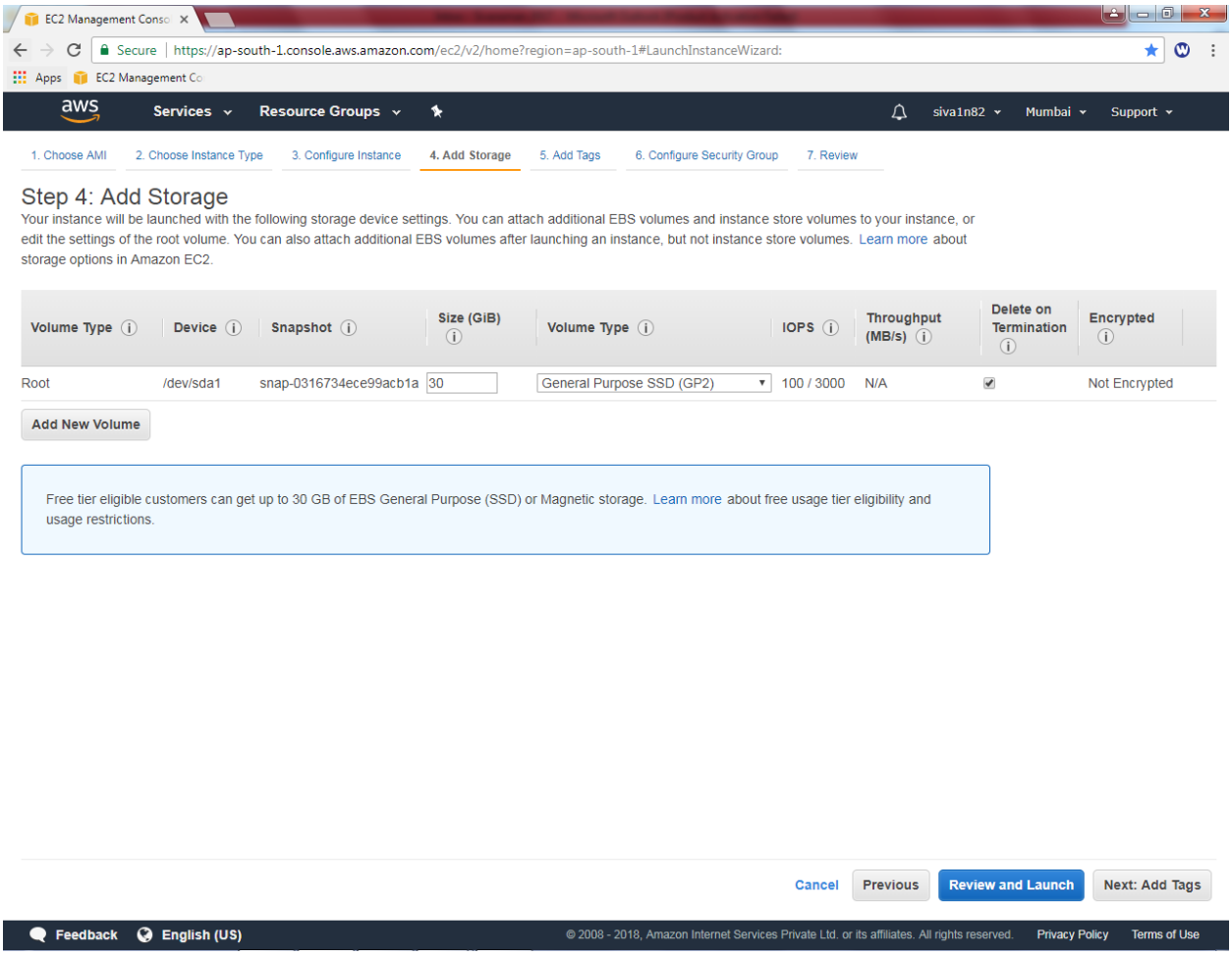
Select subnet as Sansbound_VPC2_public_Subnet

Auto-assign Public IP: Enable

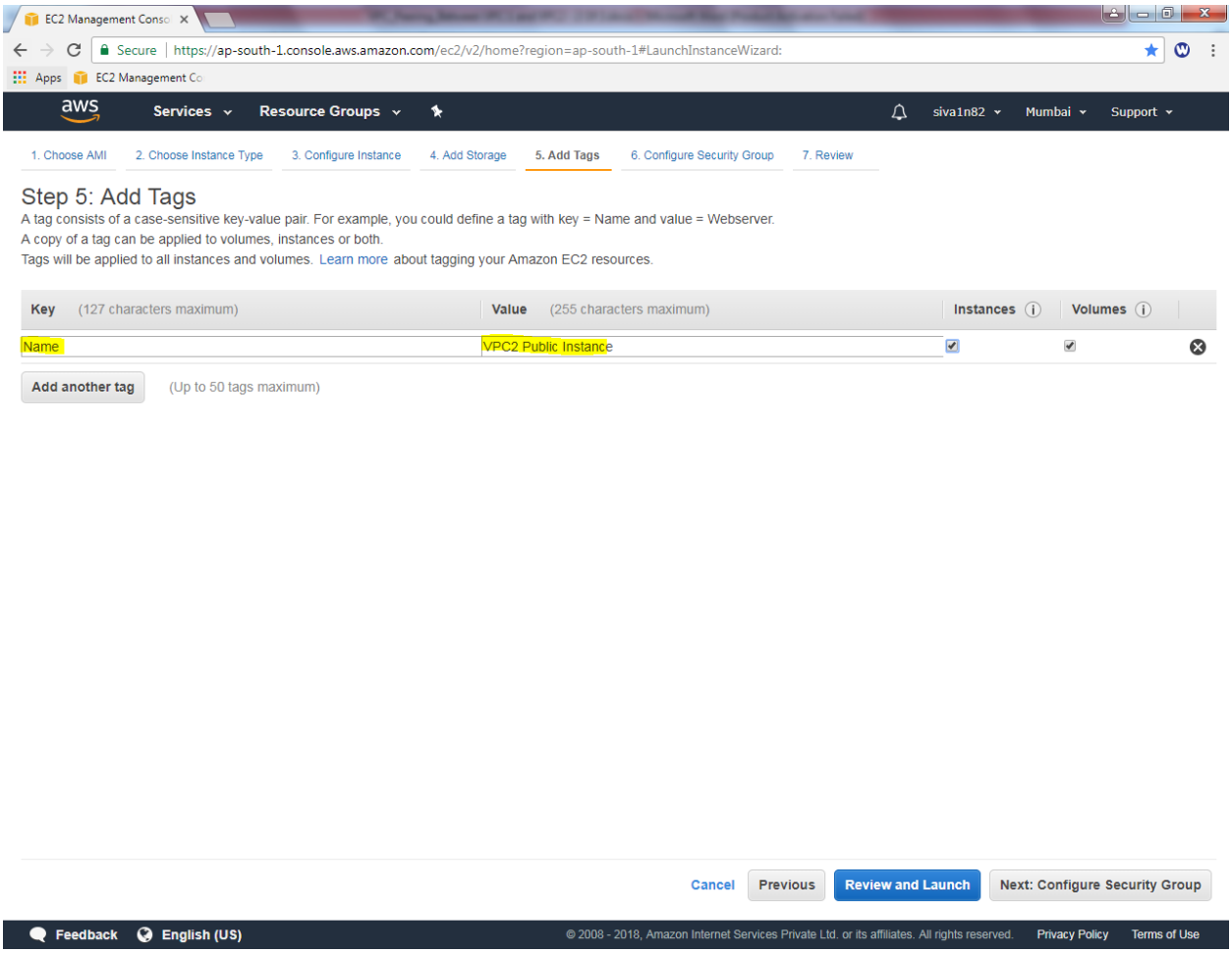


Click “Next”.

Leave default and click “Next”.

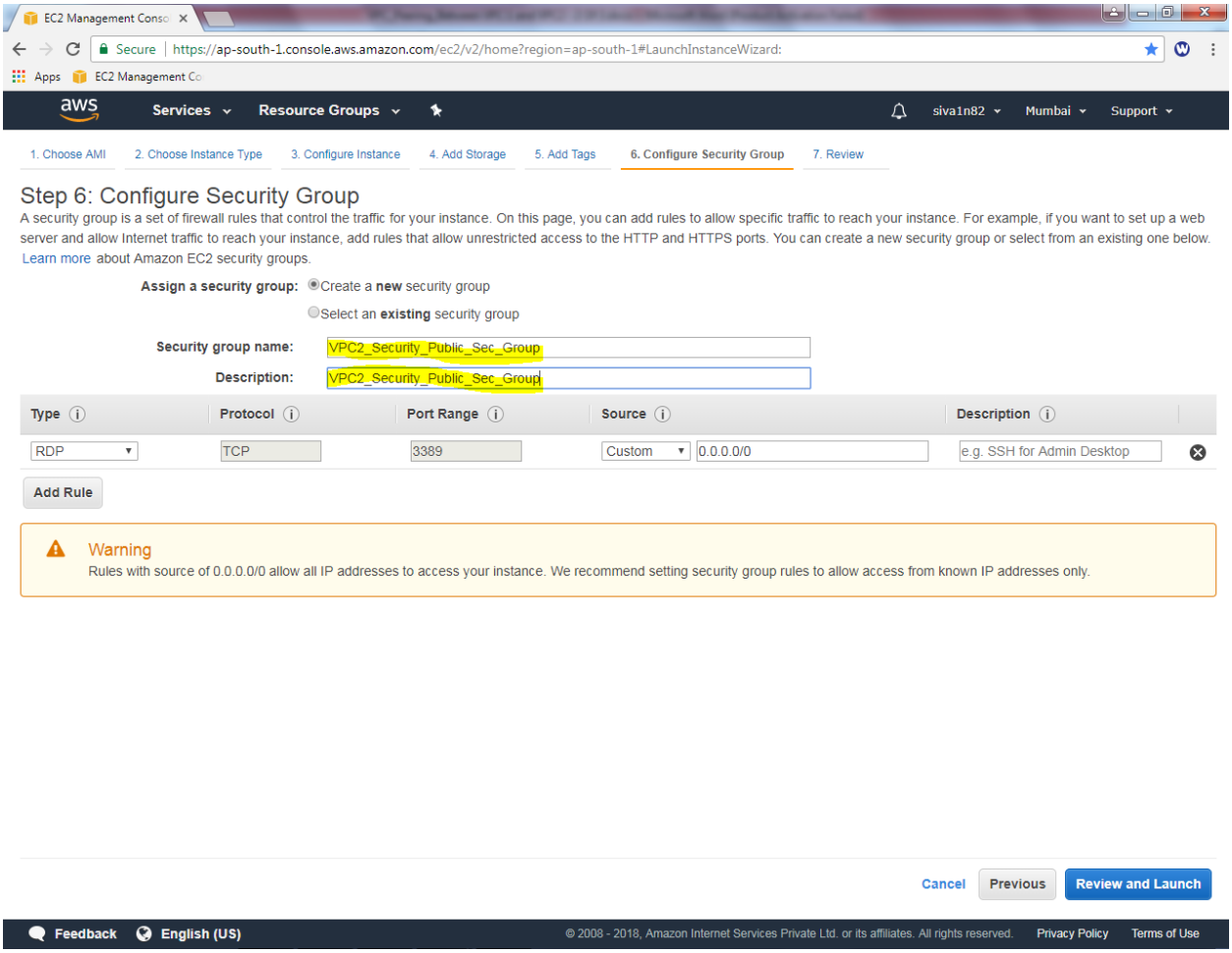


Type key as “name”and Value as VPC2 Public Instance.



Click “Next”.

Create a new security group as “VPC2_Security_Public_Sec_Group”. Allow RDP (3389 Port).



Click “Review and Launch”.

Click “Launch”.