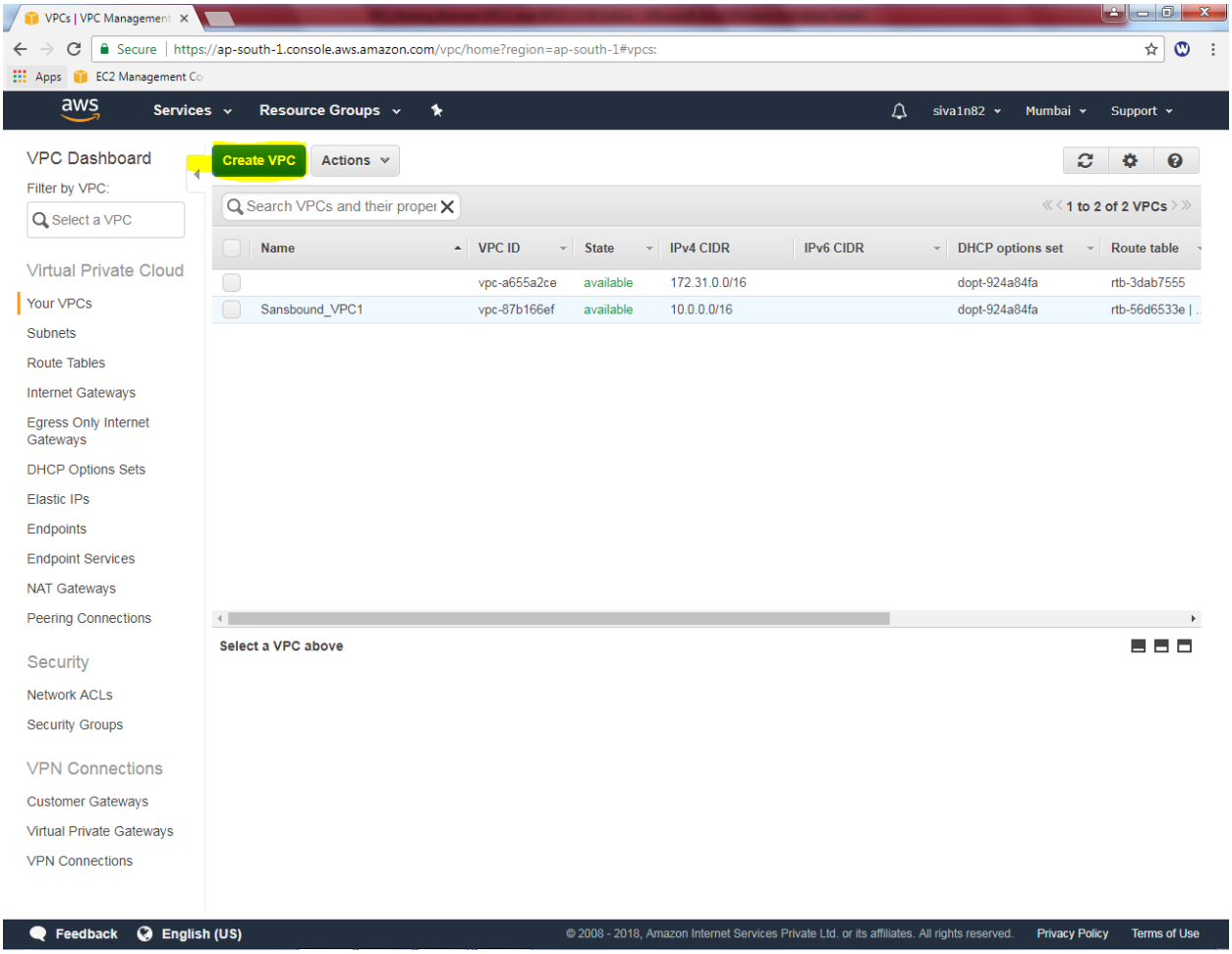
Lab 13

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

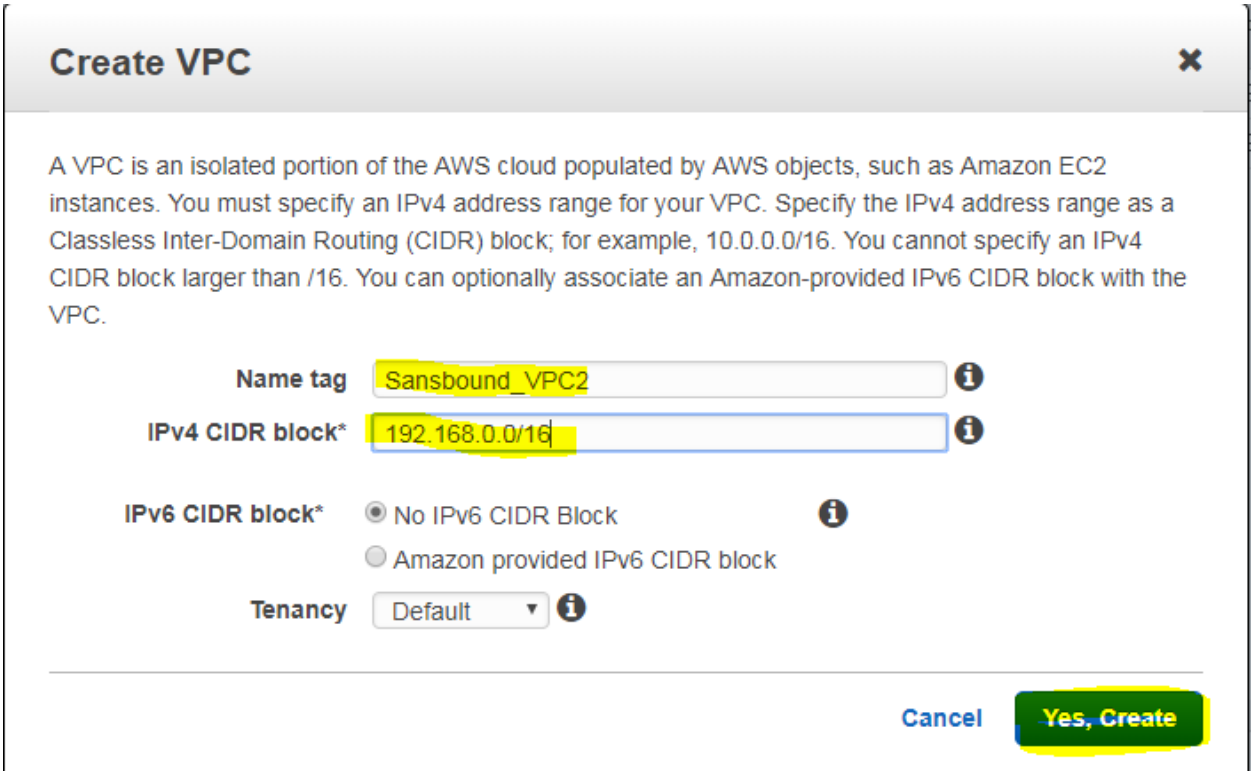
We need to create VPC2 in Mumbai region,

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”.

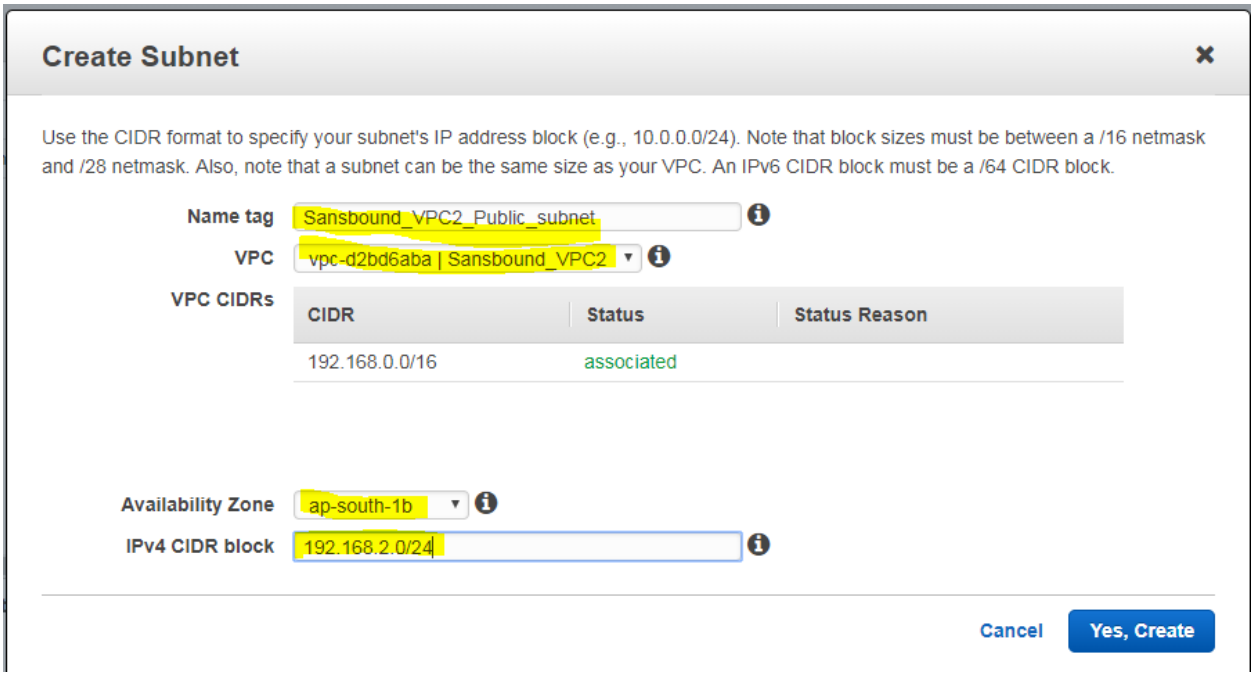
While creating subnet,

Name tag as “Sansbound_VPC2_Public_Subnet”.

VPC as Sansbound_VPC2.

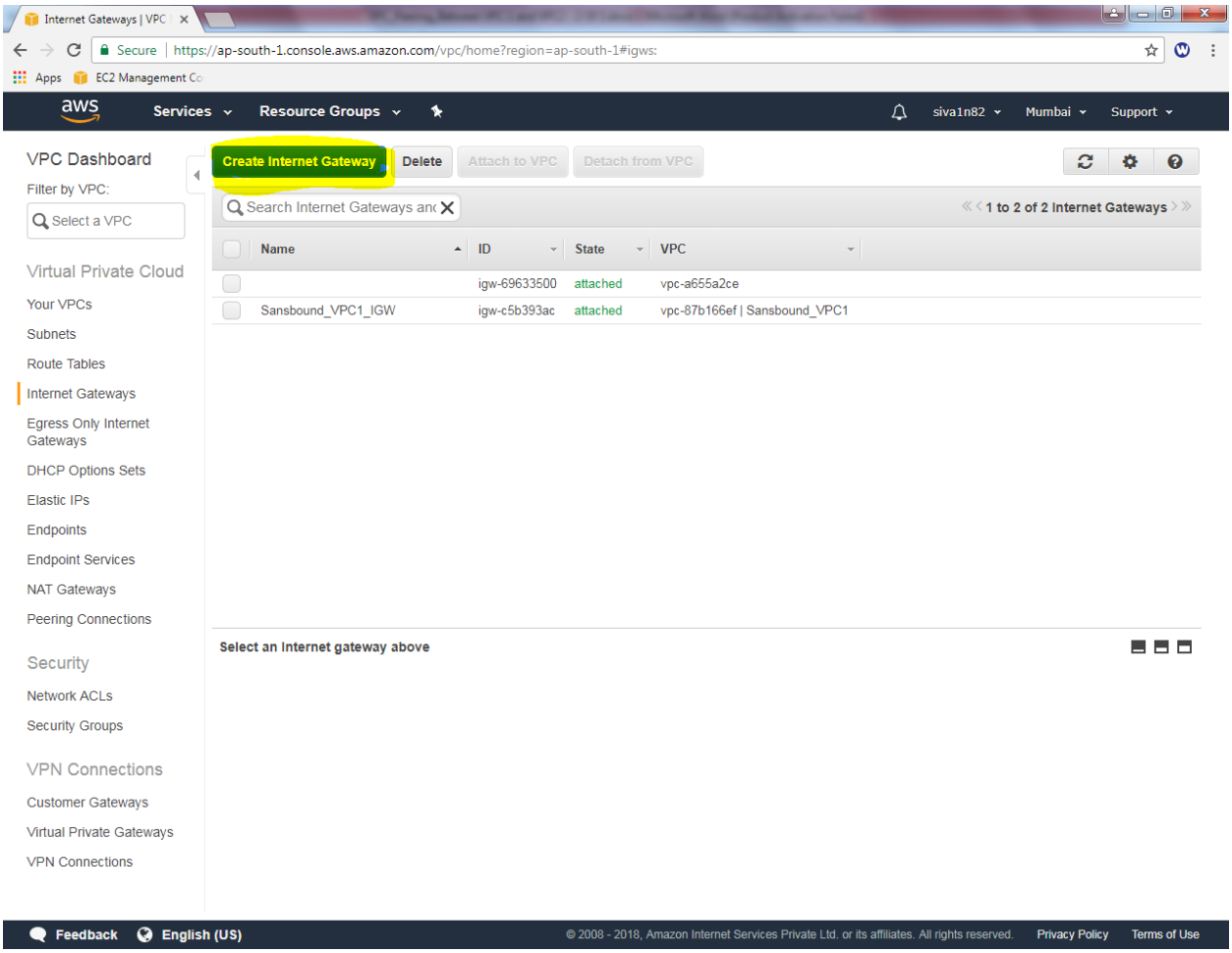
Availability Zone – 1B (Optional)

IPv4 CIDR Block – 192.168.2.0/24 subnet.

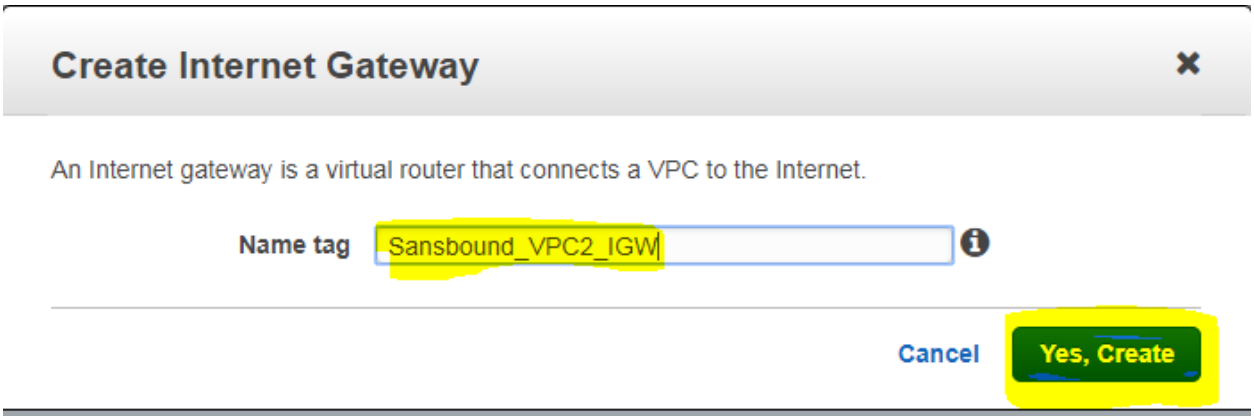


Click “Yes, create”.

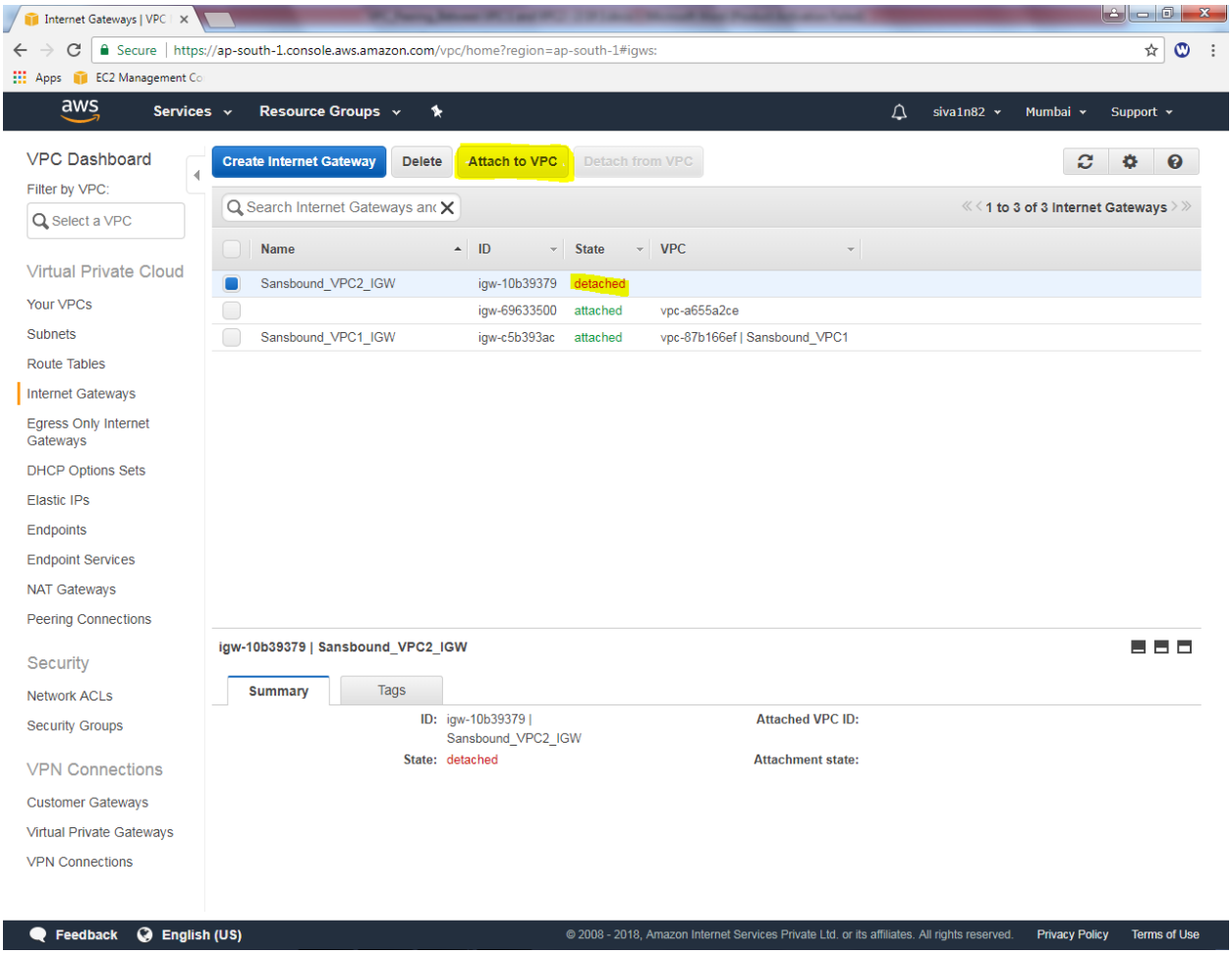
Then we need to create an internet gateway, click “create Internet Gateway”.

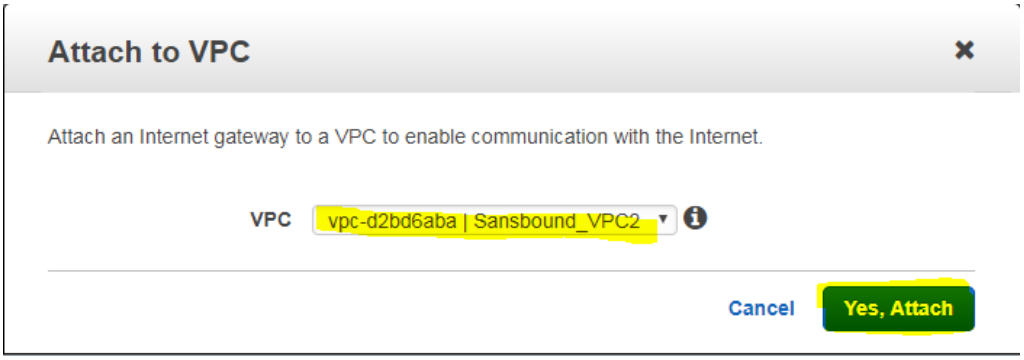


While creating internet gateway Name tag as “Sansbound_VPC2_IGW”.



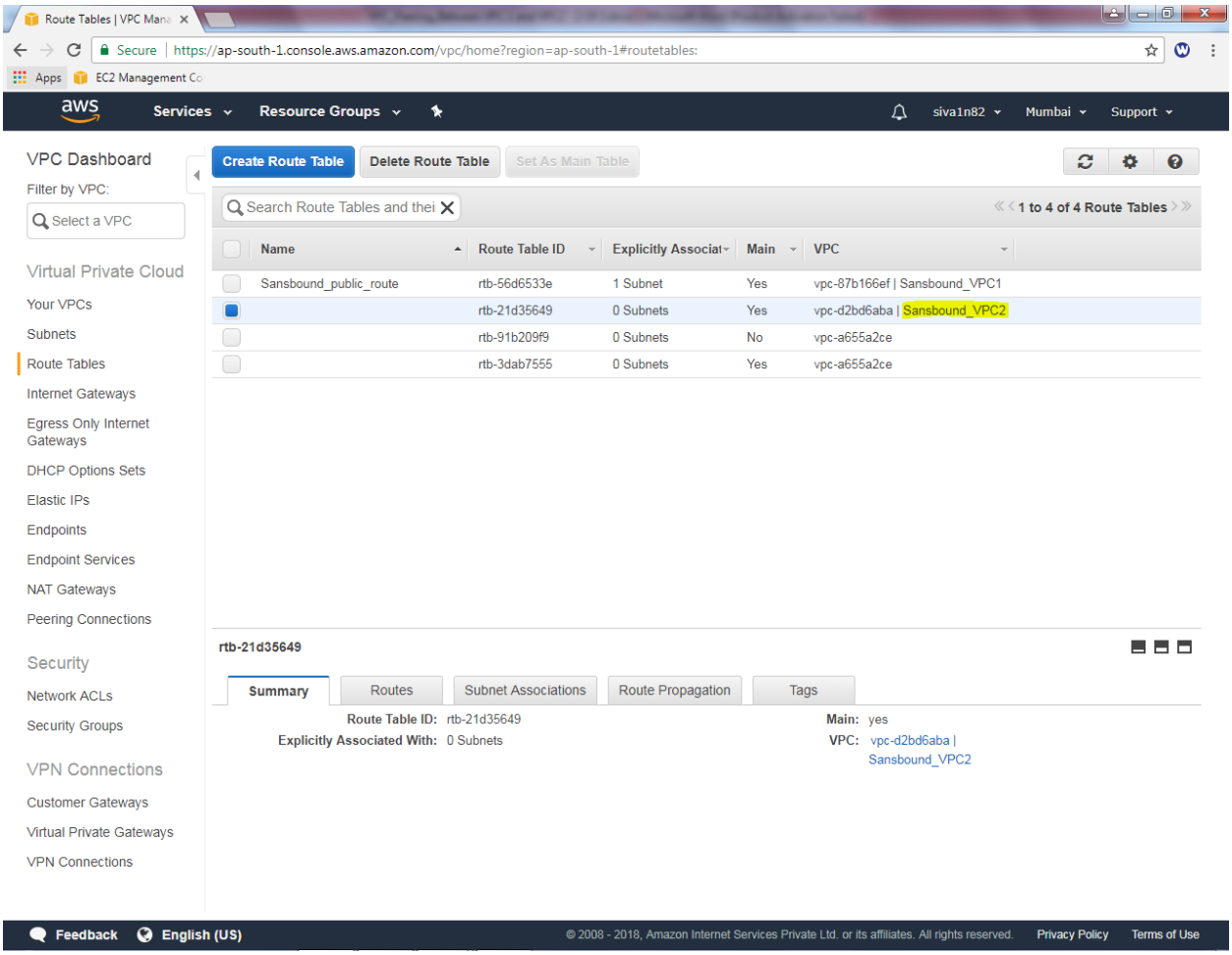
It shows, IGW in detached state, we need to attach VPC.

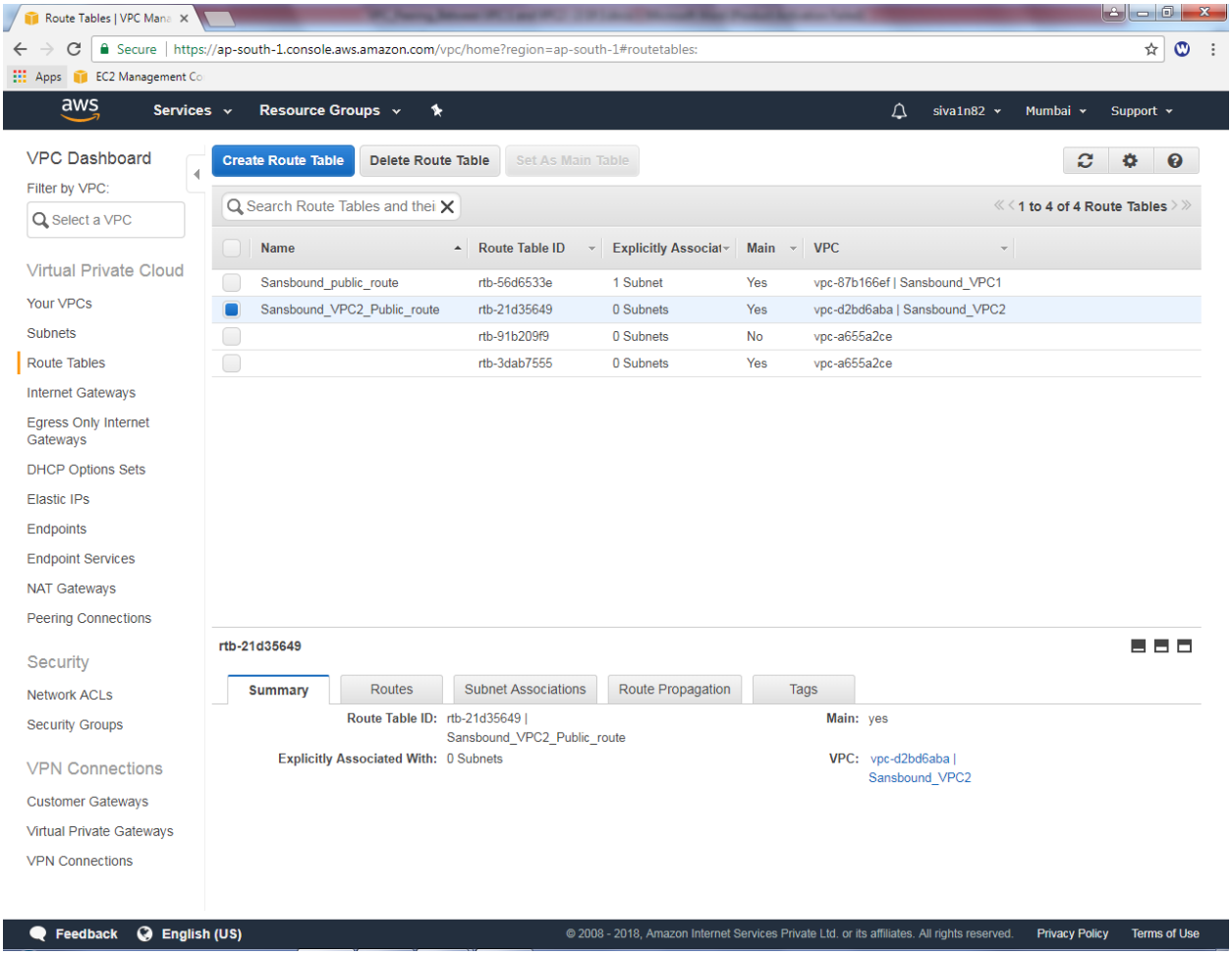




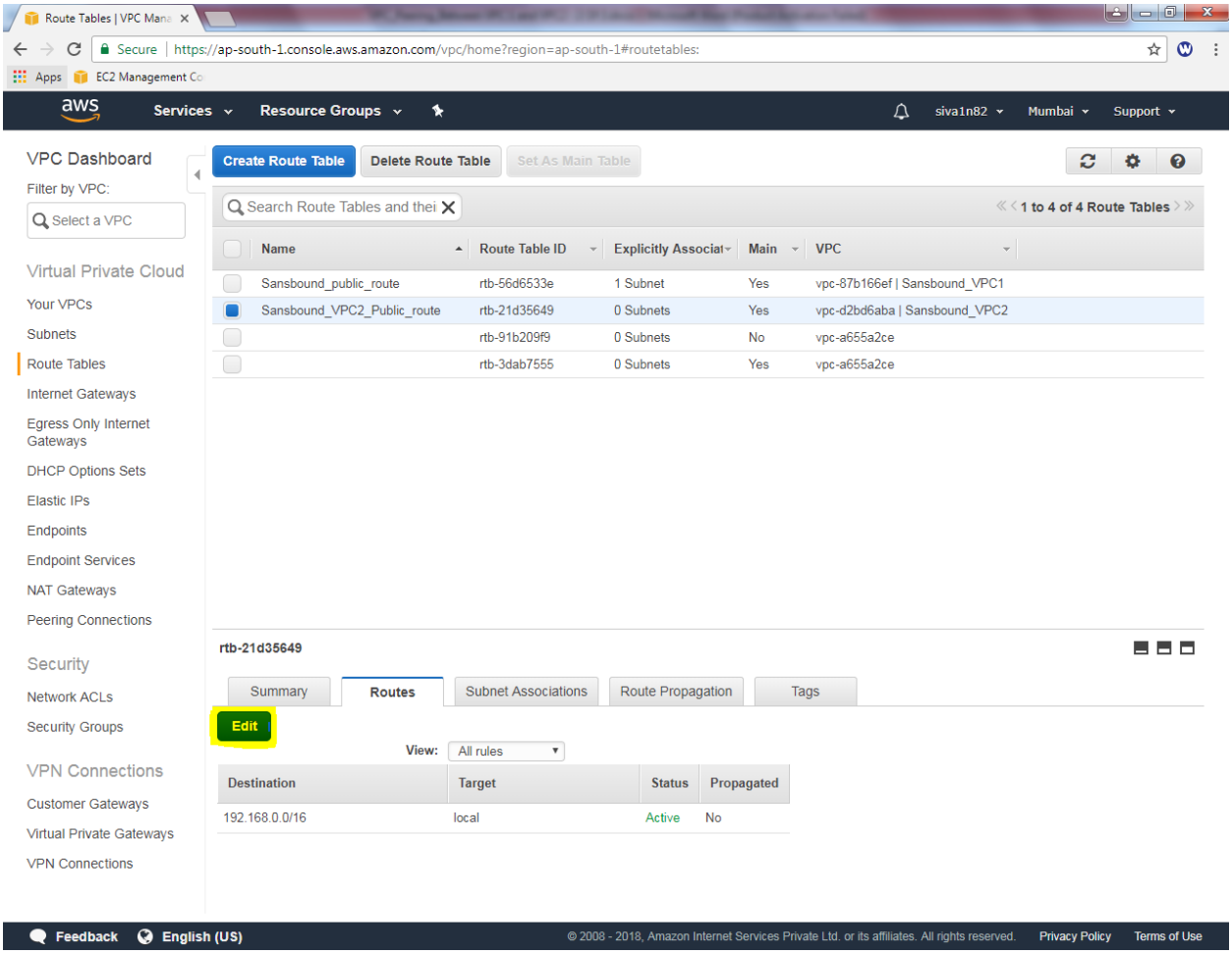
Click “Yes, Attach”.

Rename the Sansbound_VPC1 route table as sansbound_VPC2_public_route.

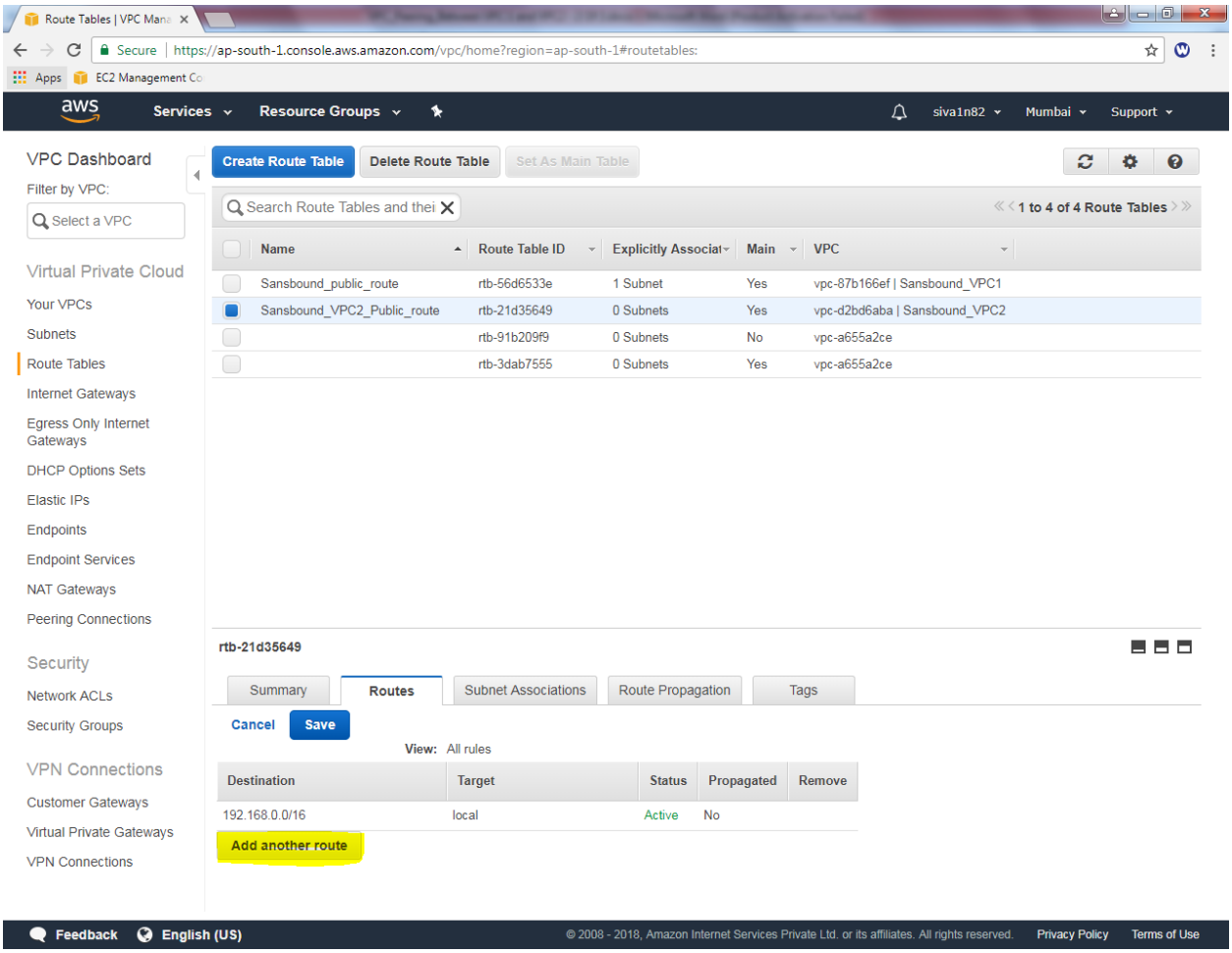

Route Tables | VPC Mana
Secure | https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#routetables:
Apps
EC2 Management Co
aws
Services
Resource Groups
sivaln82
Mumbai
Support
VPC Dashboard
Filter by VPC:
Select a VPC
Virtual Private Cloud
Your VPCs
Subnets
Route Tables
Internet Gateways
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 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
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
Explicitly Associated With: 0 Subnets
Main: yes
VPC: vpc-d2bd6aba | Sansbound_VPC2
Feedback
English (US)
© 2008 - 2018, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.
Privacy Policy
Terms of Use



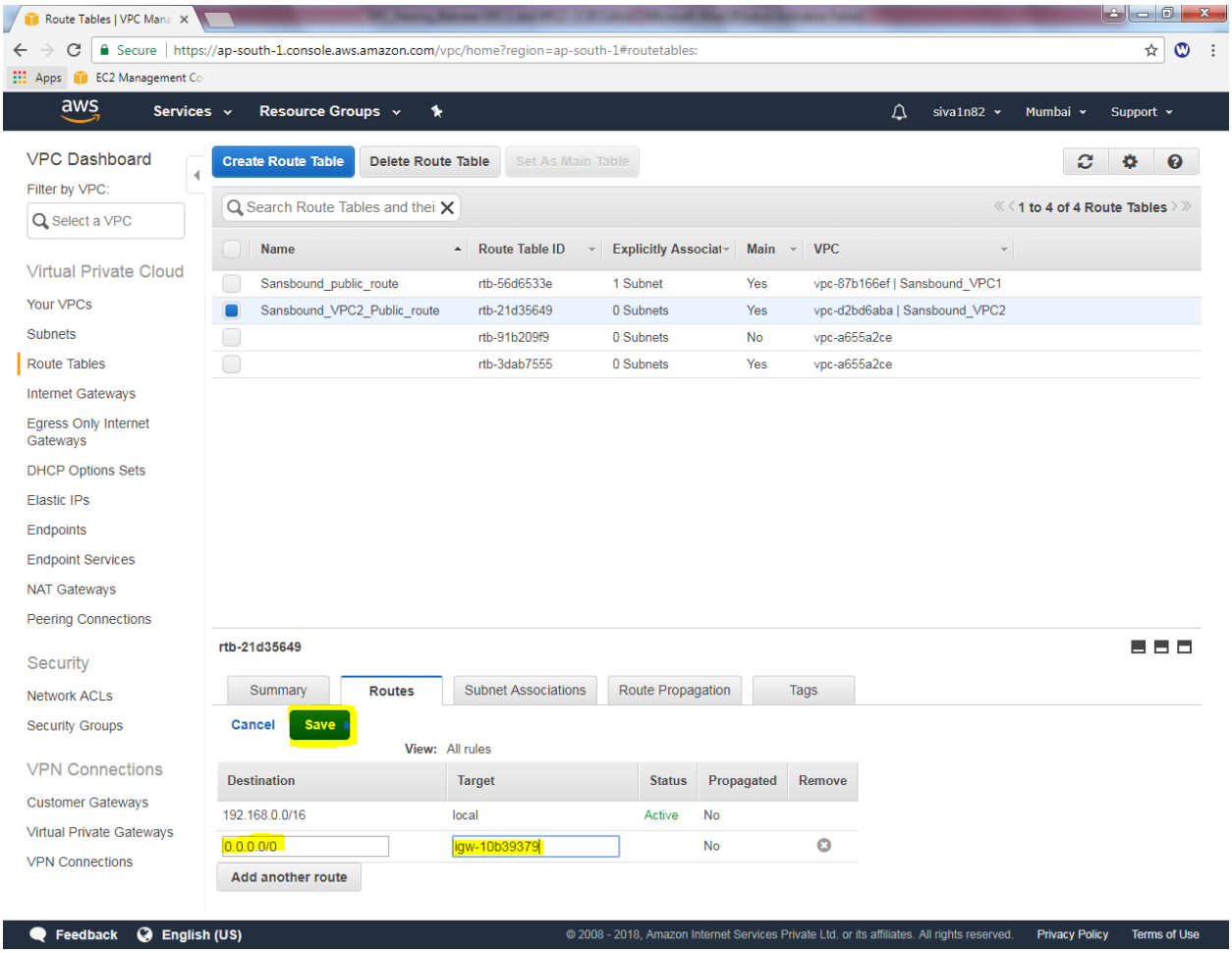
InSanbound_VPC2_Public_route table, select route tab then click “Edit” option.



Click “Add another route”button.

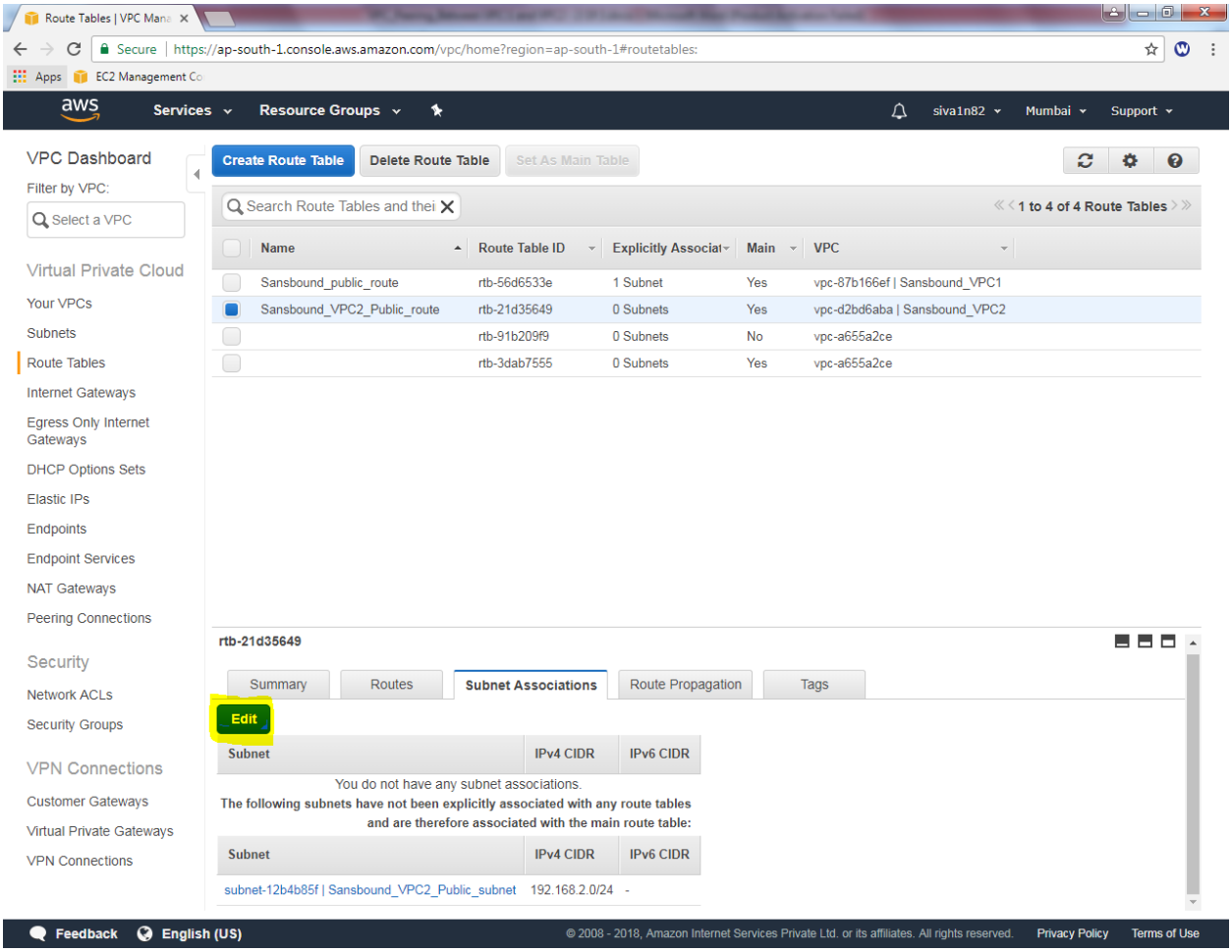


Add default route 0.0.0.0/0 and select **”igw-*”** as target.

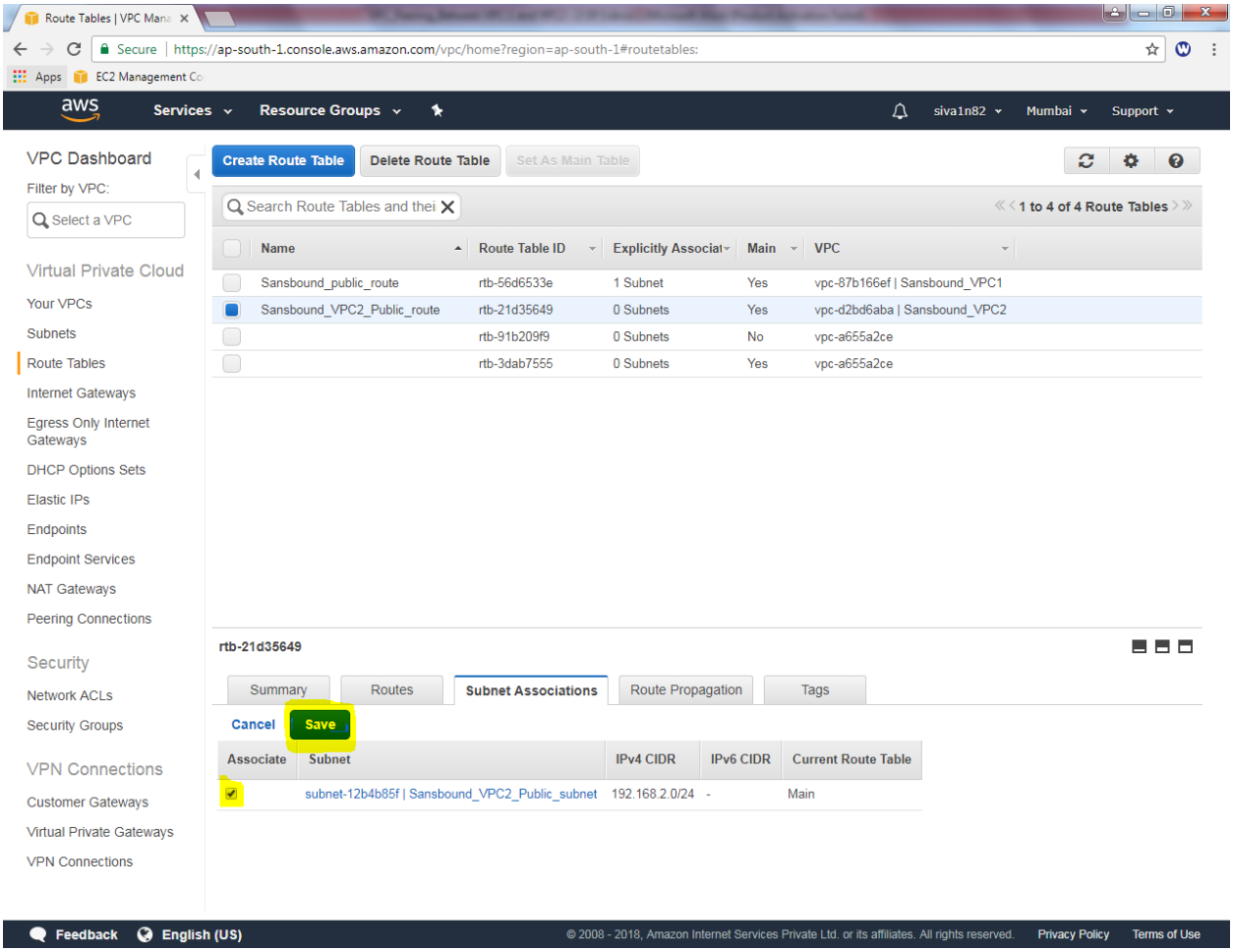


Then click “save”.

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

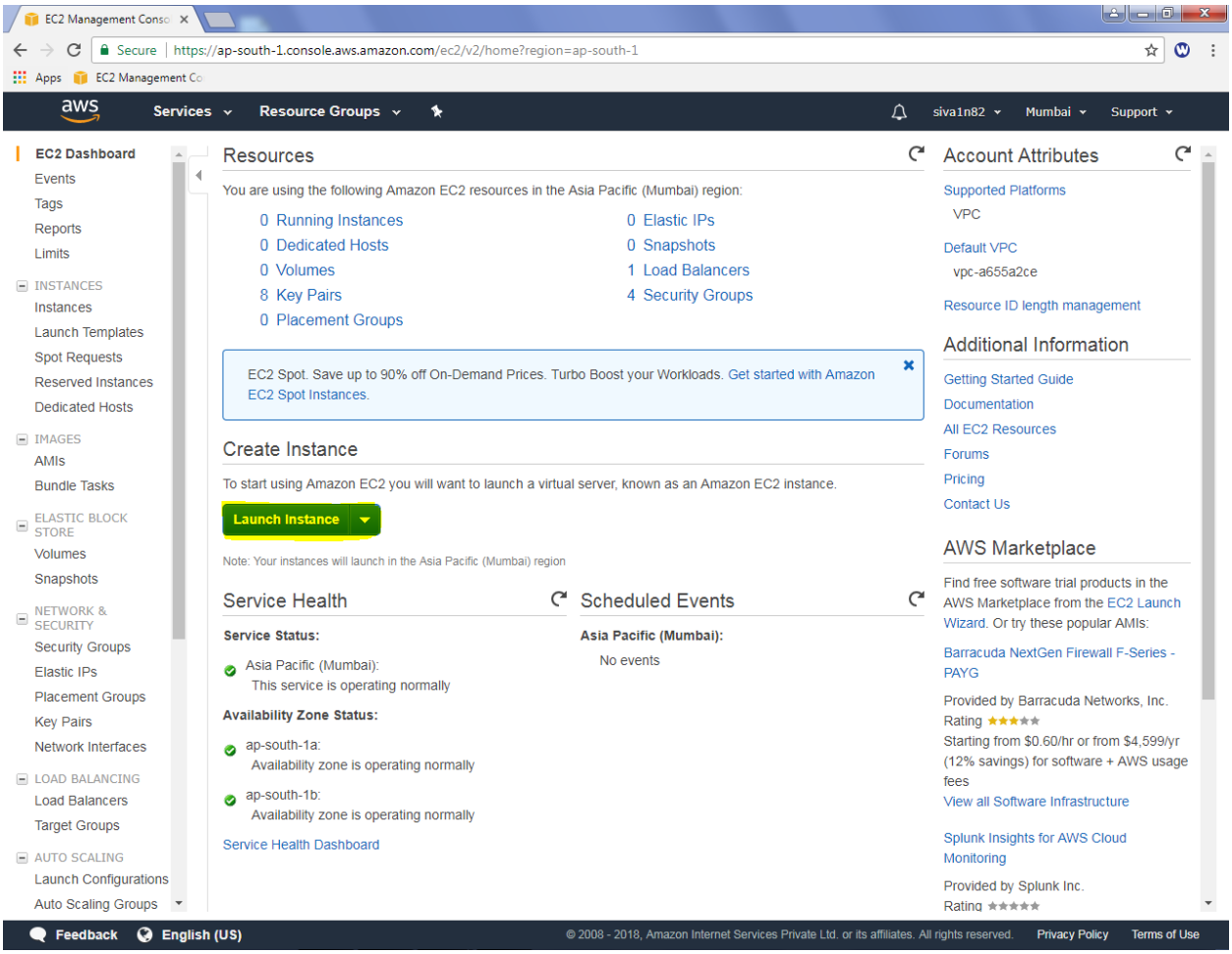


Select option check box option to select “sansbound_VPC2_Public_subnet”.

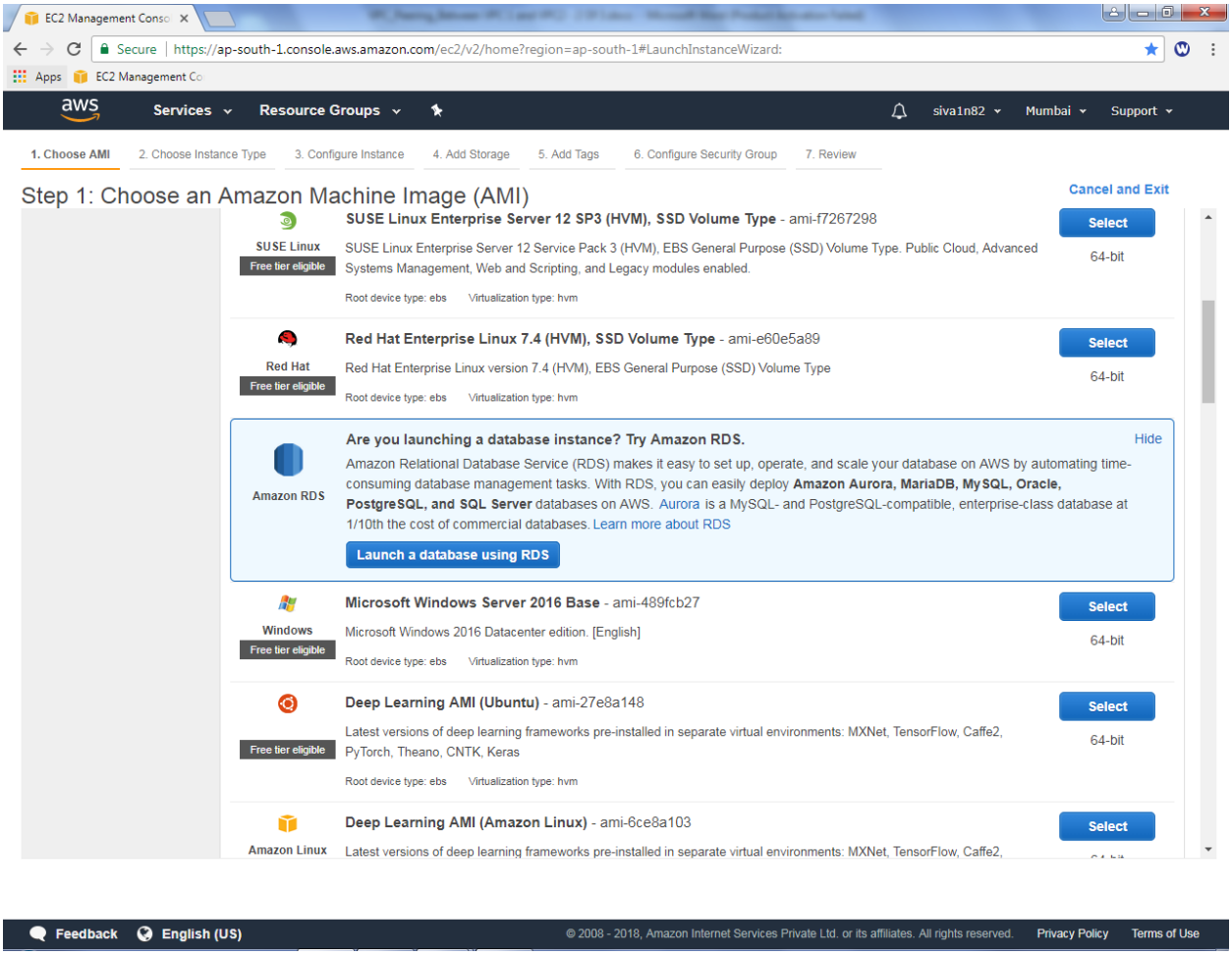


Then click “Save”.

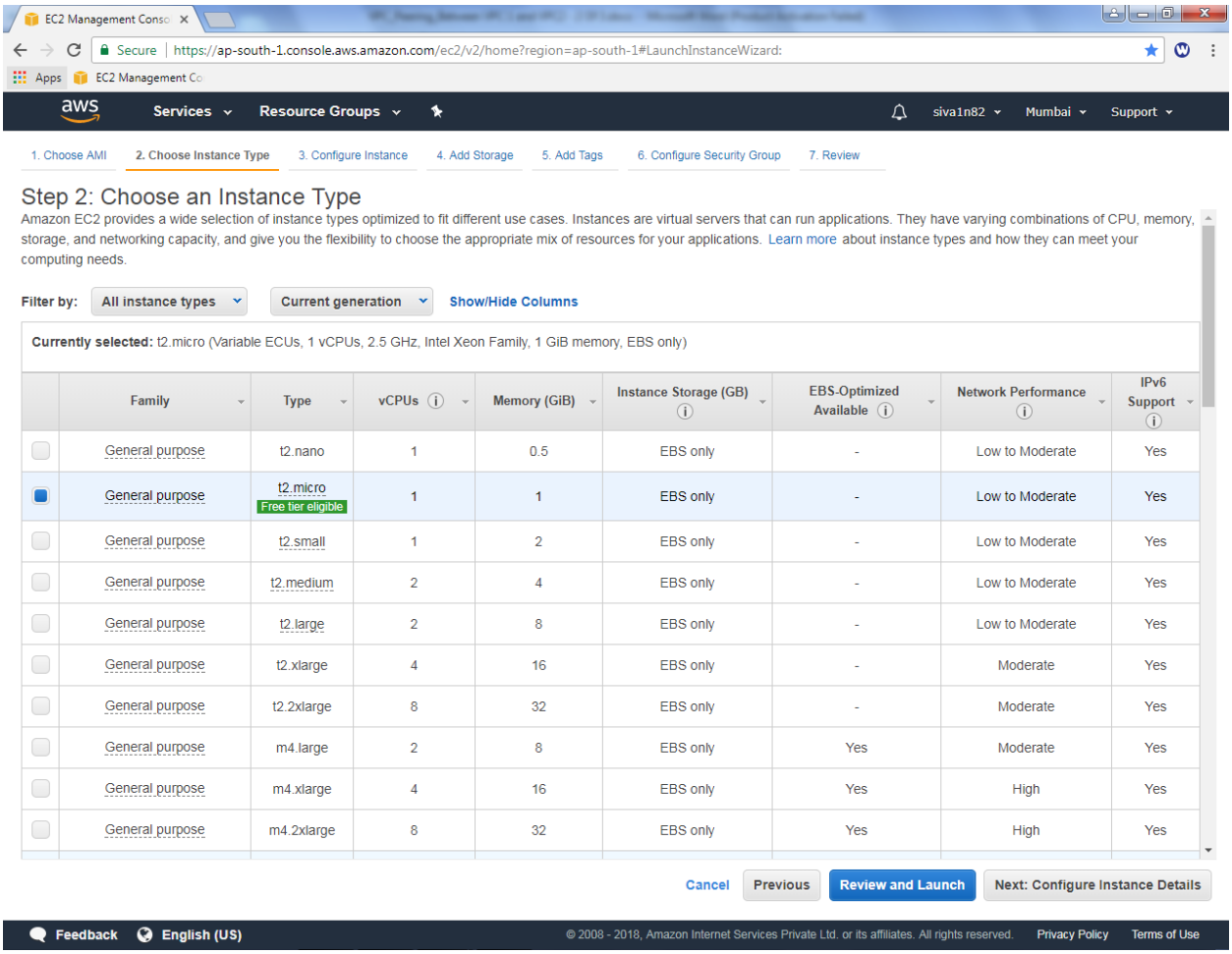
Then we need to create an instance for VPC2. Click “Launch Instance”.



Select “Microsoft Windows server 2016 Base “option.



Select “t2.micro”.

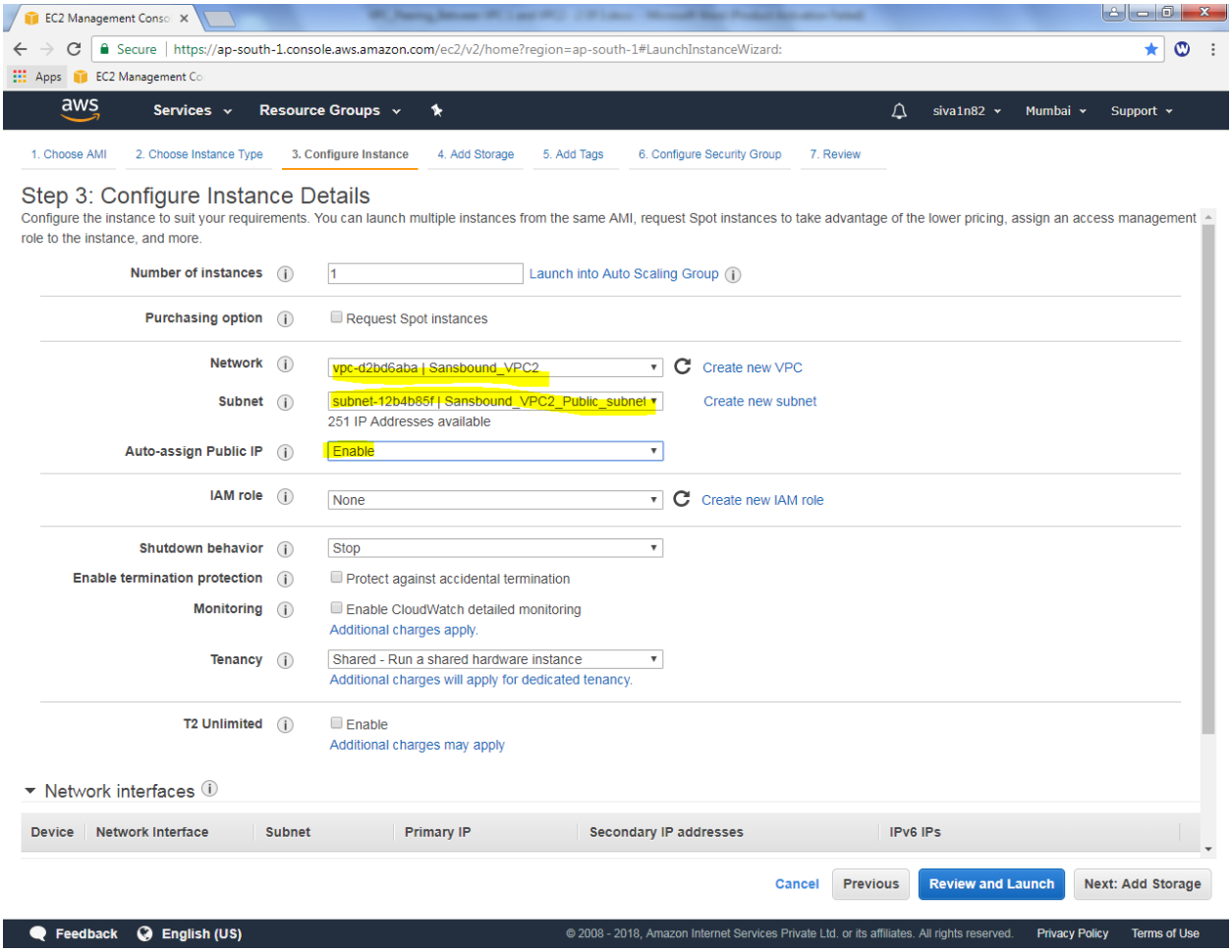


Click “Next”.

Select network as “Sansbound_VPC2”

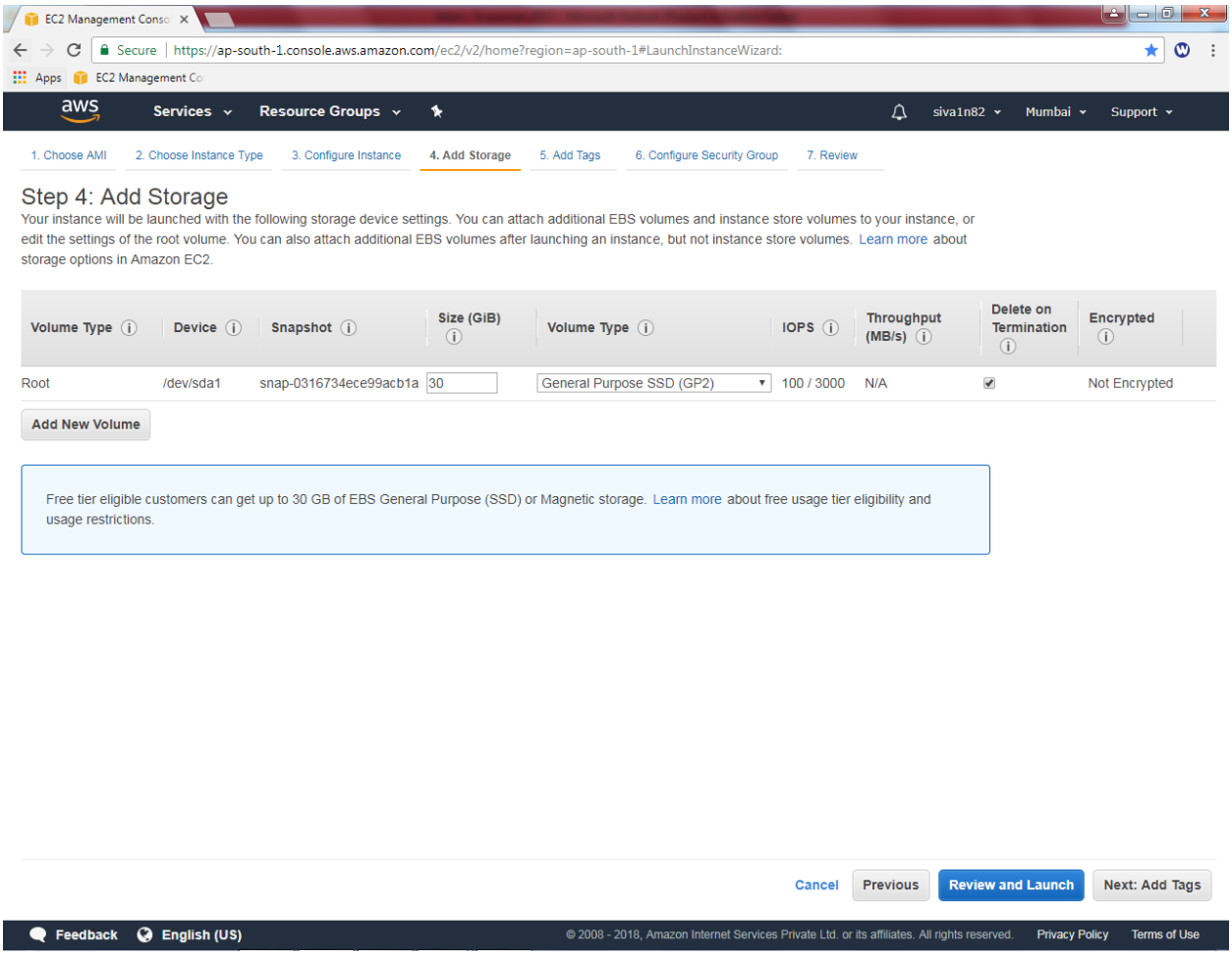
Select subnet as Sansbound_VPC2_public_Subnet

Auto-assign Public IP: Enable

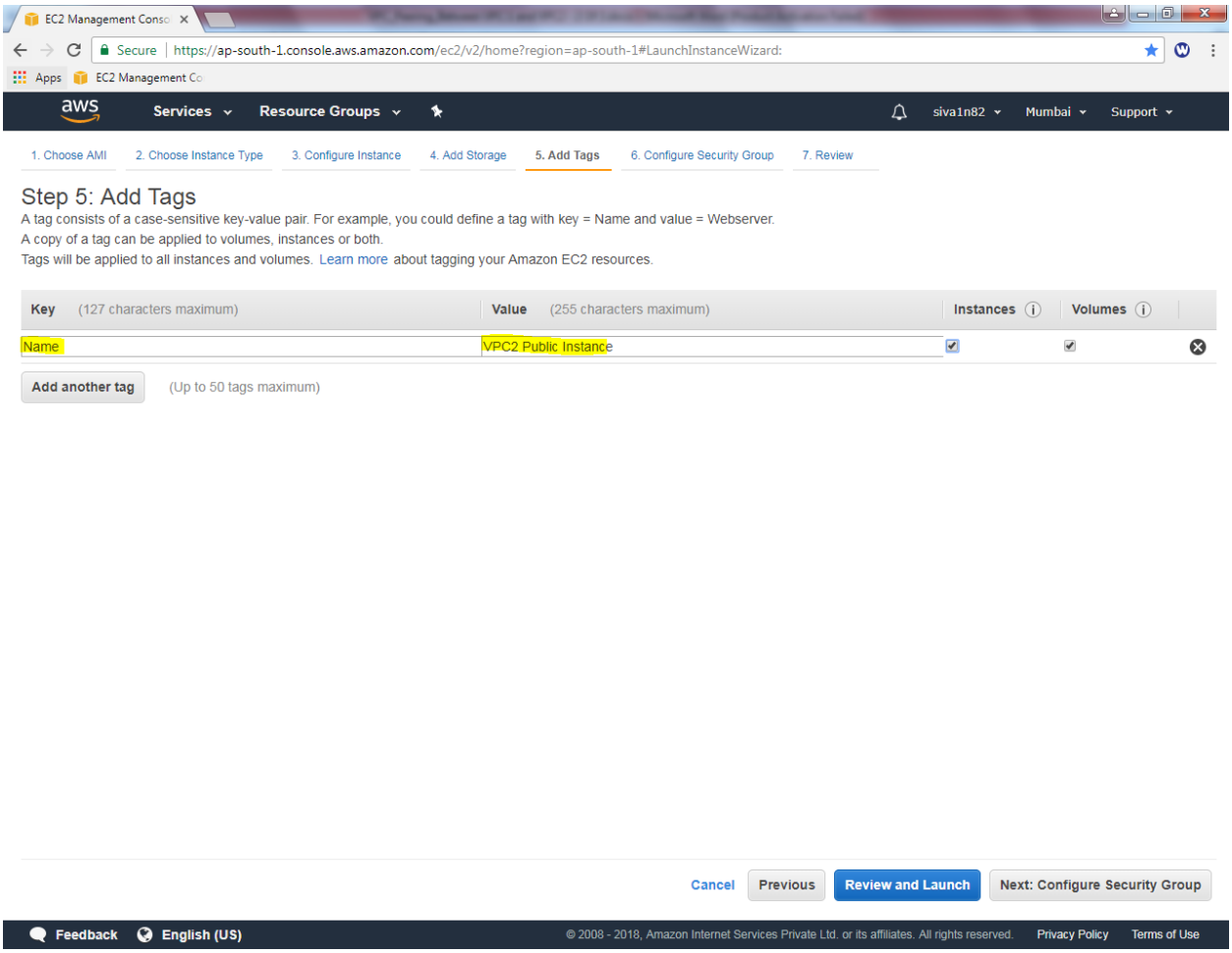


Click “Next”.

Leave default and click “Next”.

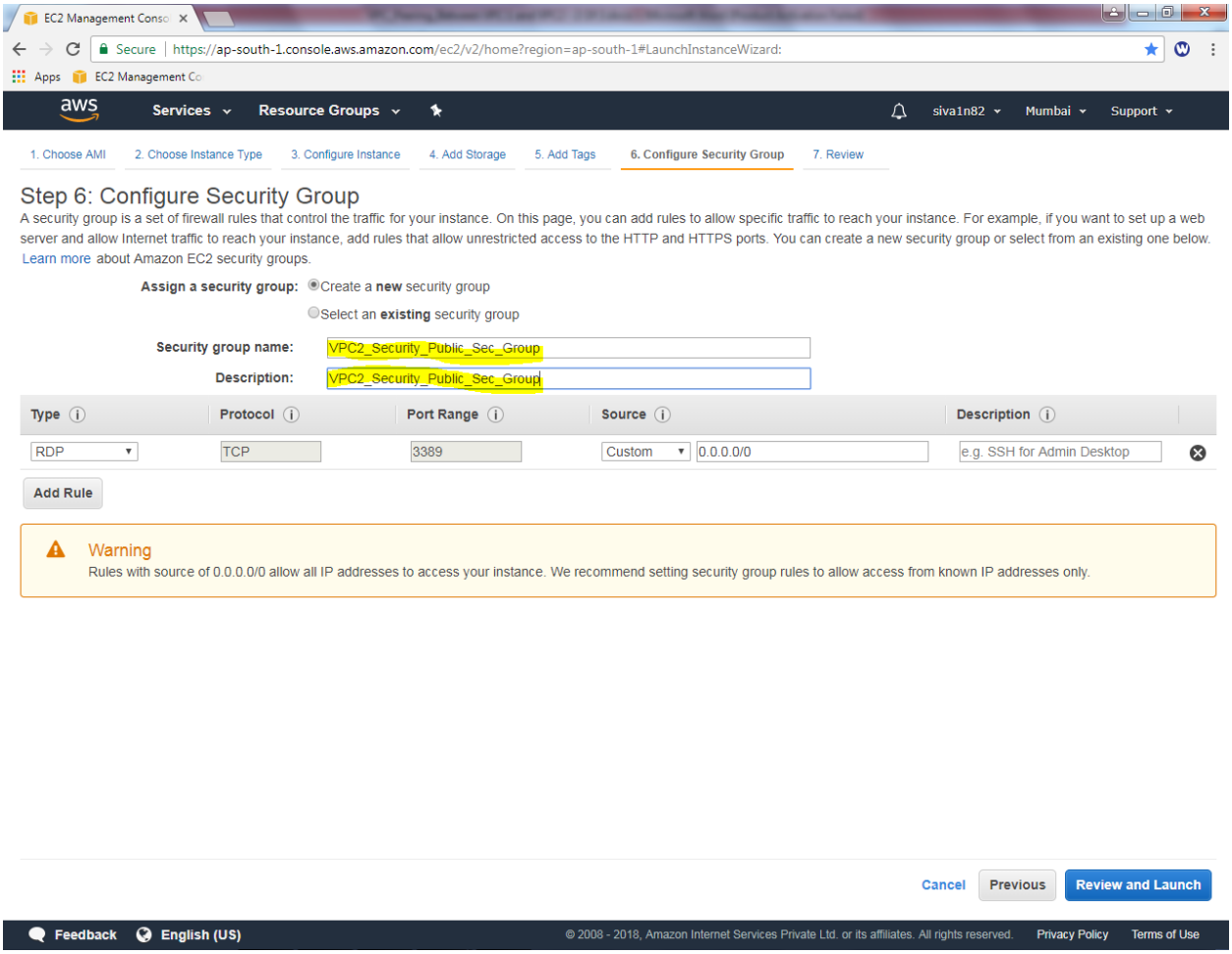


Type key as “name”and Value as VPC2 Public Instance.



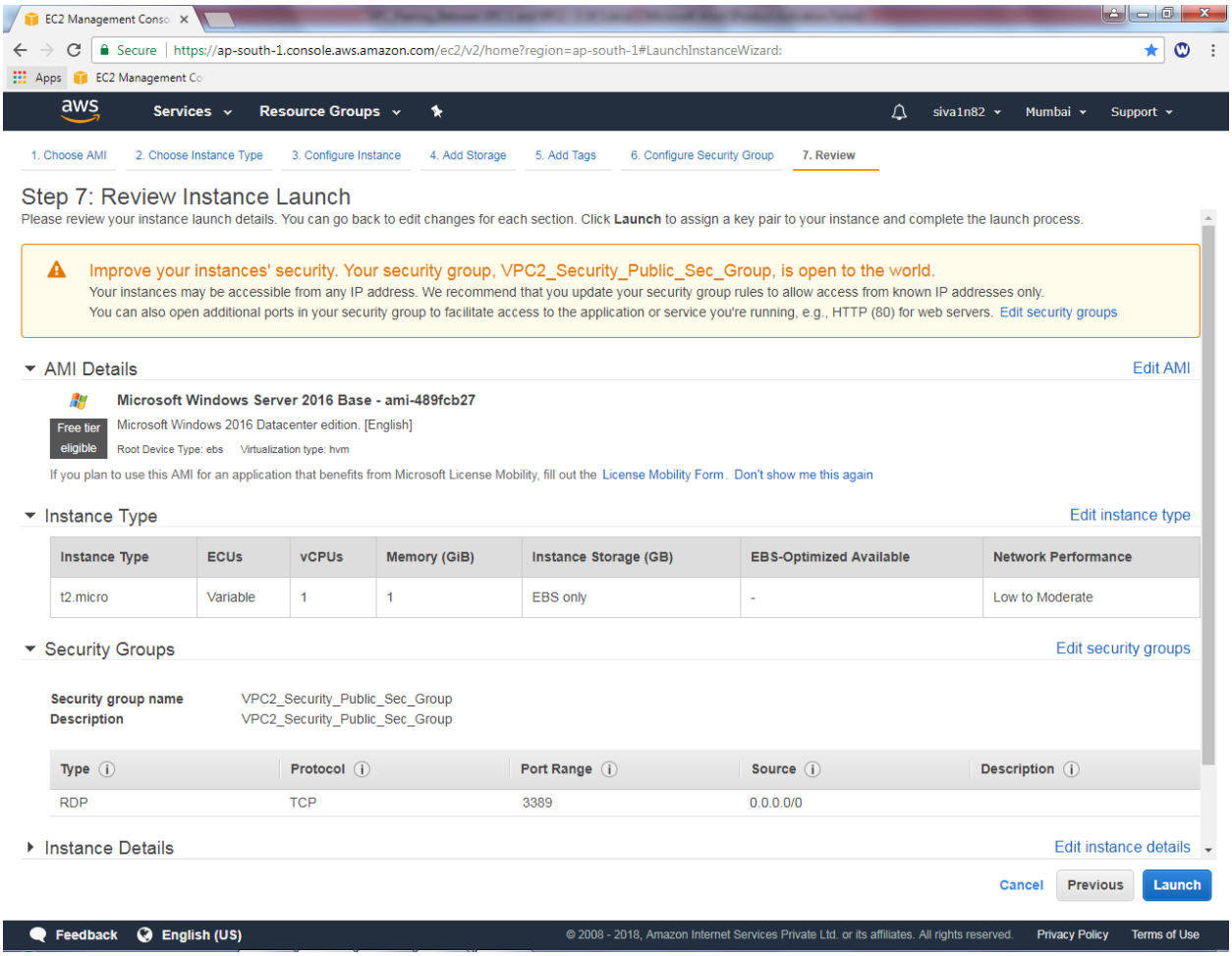
Click “Next”.

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



Click “Review and Launch”.

Click “Launch”.


EC2 Management Conso
Secure | https://ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
Apps
EC2 Management Co
aws
Services
Resource Groups
sivaln82
Mumbai
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 7: Review Instance Launch
Please review your instance launch details. You can go back to edit changes for each section. Click Launch to assign a key pair to your instance and complete the launch process.
Improve your instances' security. Your security group, VPC2_Security_Public_Sec_Group, is open to the world.
Your instances may be accessible from any IP address. We recommend that you update your security group rules to allow access from known IP addresses only.
You can also open additional ports in your security group to facilitate access to the application or service you're running, e.g., HTTP (80) for web servers. Edit security groups
AMI Details
Edit AMI
Microsoft Windows Server 2016 Base - ami-489fcb27
Free tier eligible
Microsoft Windows 2016 Datacenter edition. [English]
Root Device Type: ebs Virtualization type: hvm
If you plan to use this AMI for an application that benefits from Microsoft License Mobility, fill out the License Mobility Form. Don't show me this again
Instance Type
Edit instance type
Instance Type | ECUs | vCPUs | Memory (GiB) | Instance Storage (GB) | EBS-Optimized Available | Network Performance
t2.micro | Variable | 1 | 1 | EBS only | - | Low to Moderate
Security Groups
Edit security groups
Security group name VPC2_Security_Public_Sec_Group
Description VPC2_Security_Public_Sec_Group
Type | Protocol | Port Range | Source | Description
RDP | TCP | 3389 | 0.0.0.0/0
Instance Details
Edit instance details
Cancel
Previous
Launch
Feedback
English (US)
© 2008 - 2018, Amazon Internet Services Private Ltd. or its affiliates. All rights reserved.
Privacy Policy
Terms of Use