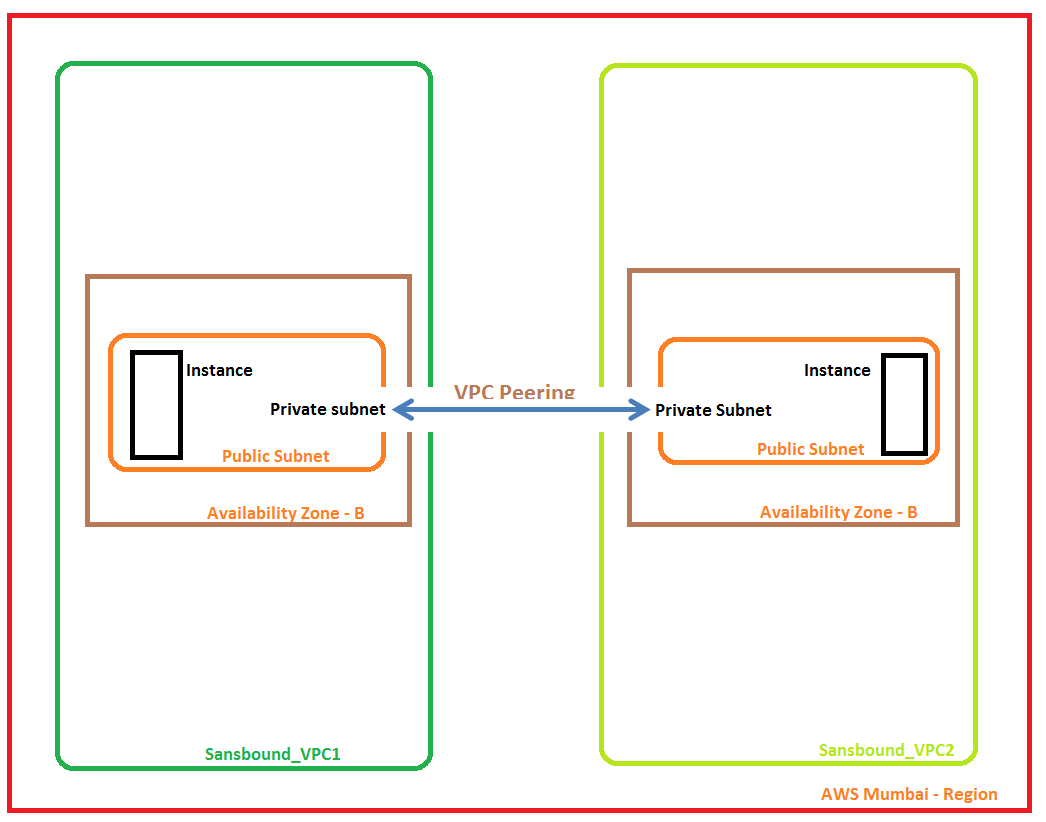
Lab 13

**Configure VPC Peering Between two VPC’s – 1 of 3**

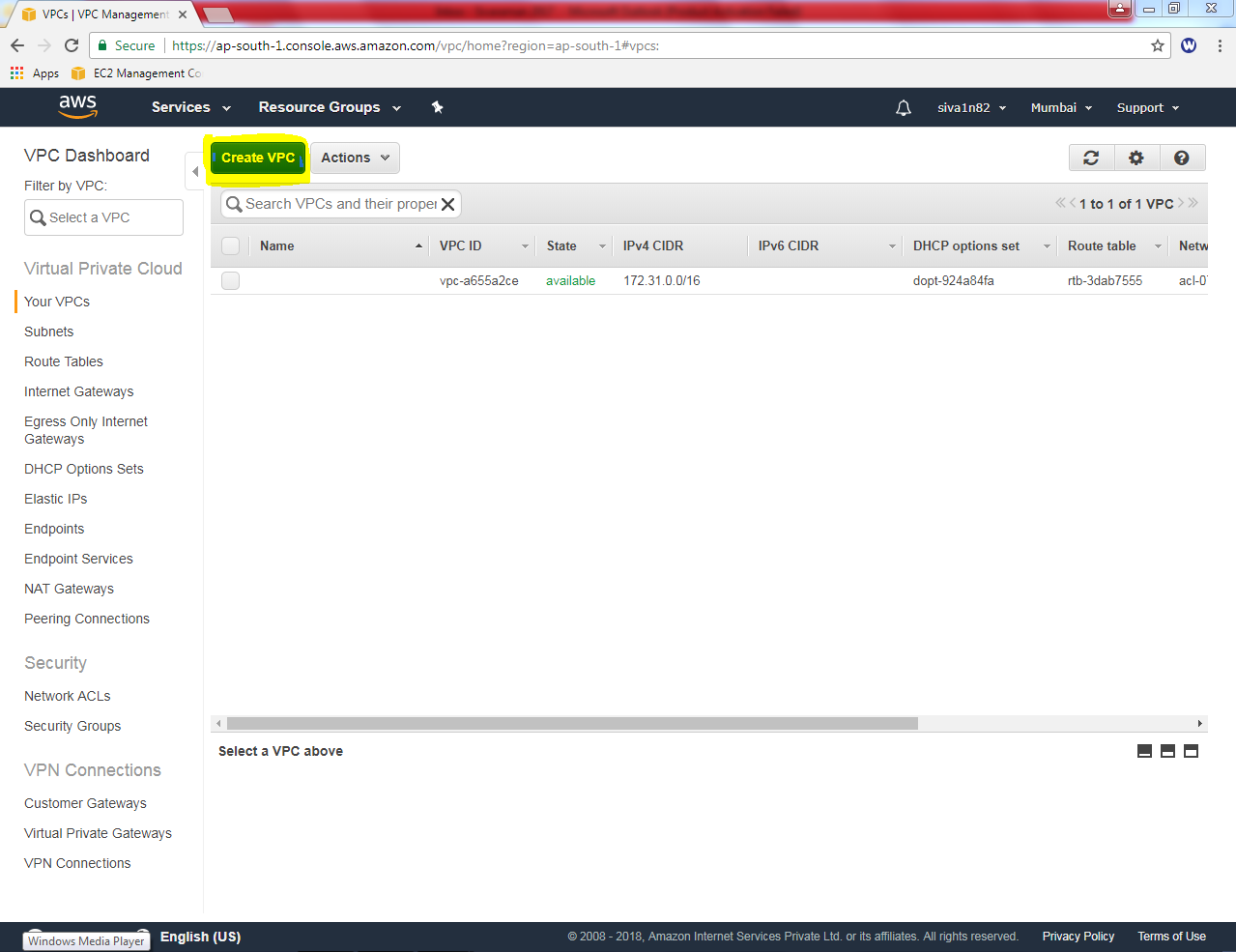
**Scenario:**



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

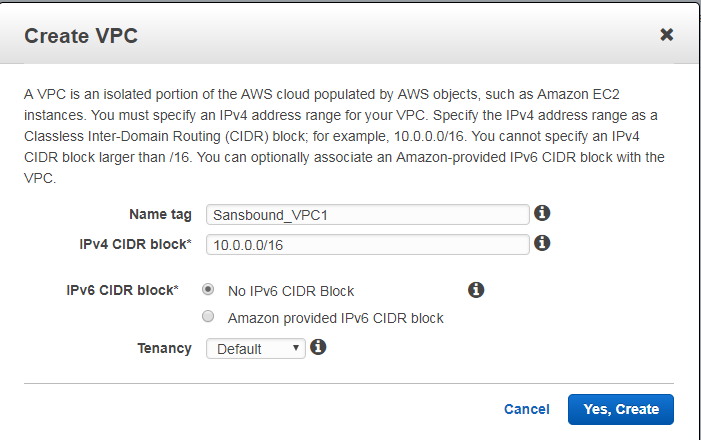
Got to VPC Dashboard,

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”.

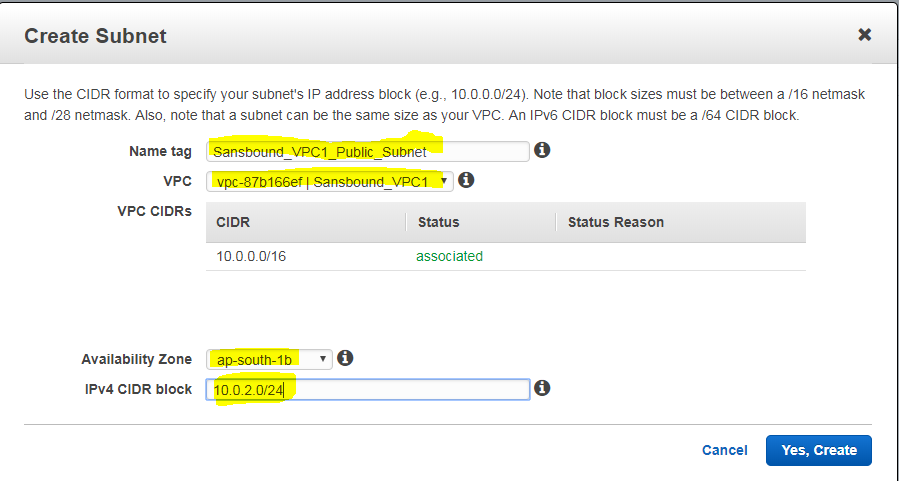
While creating subnet,

Name tag as “Sansbound\_VPC1\_Public\_Subnet”.

VPC as Sansbound\_VPC1.

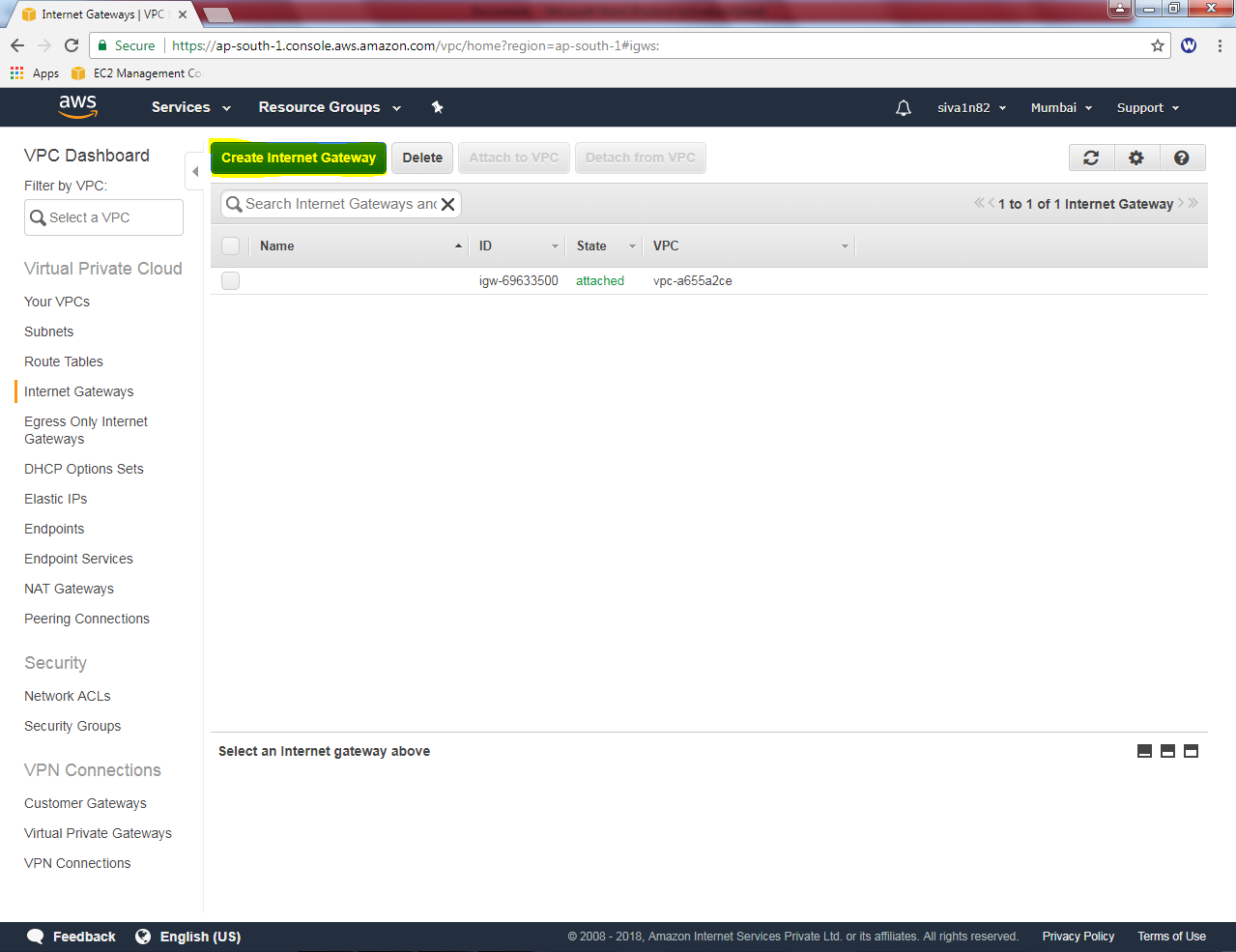
Availability Zone – 1B (Optional)

IPv4 CIDR Block – 10.0.2.0/24 subnet.

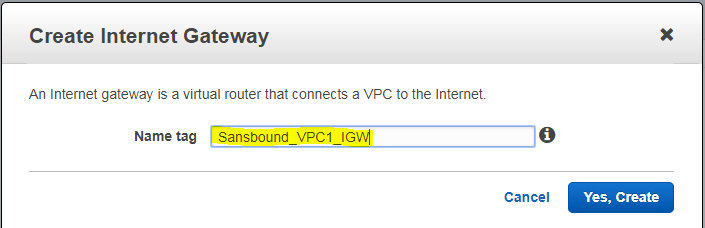


Then Click “Yes, create”.

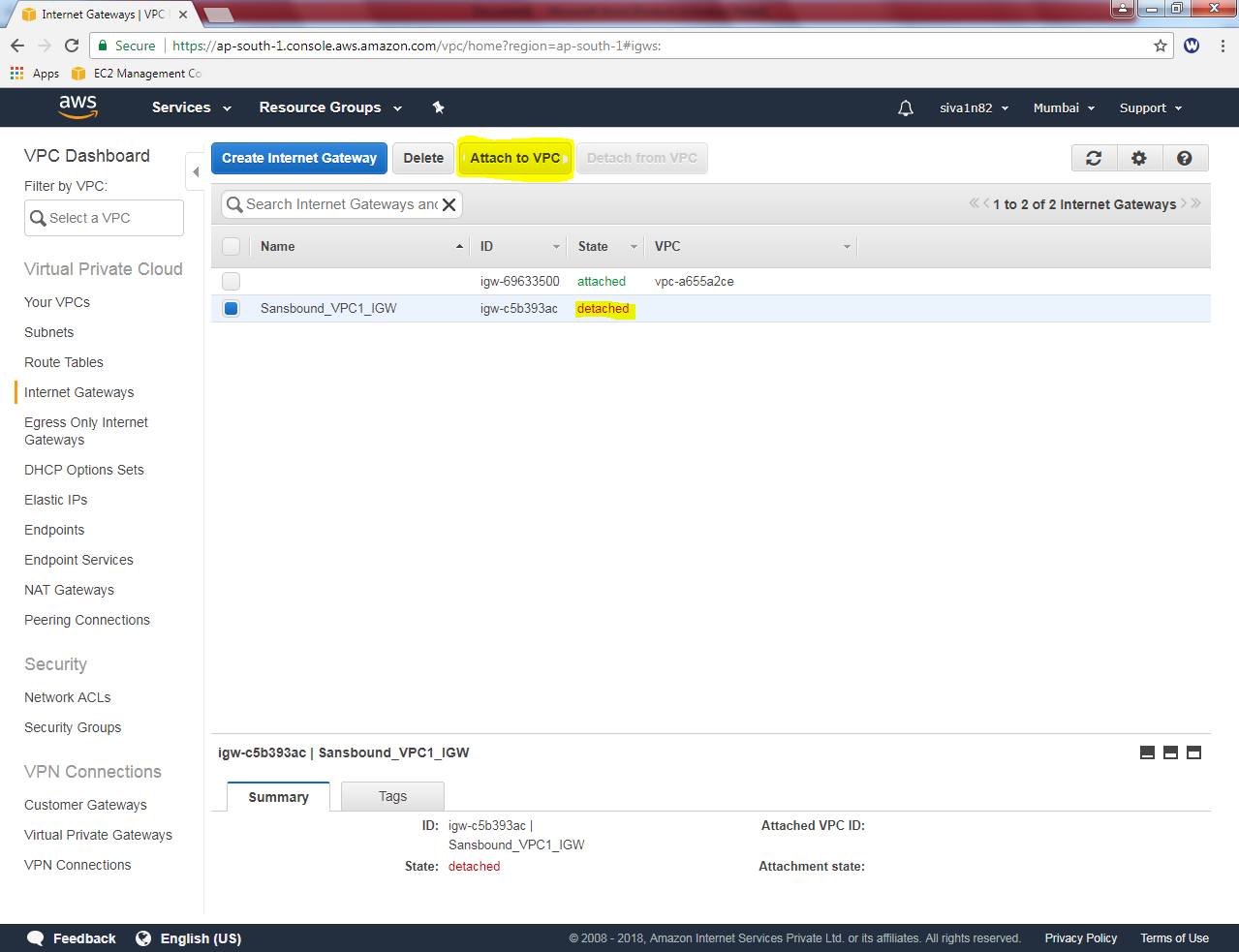
Then we need to create an internet gateway, click “create Internet Gateway”.

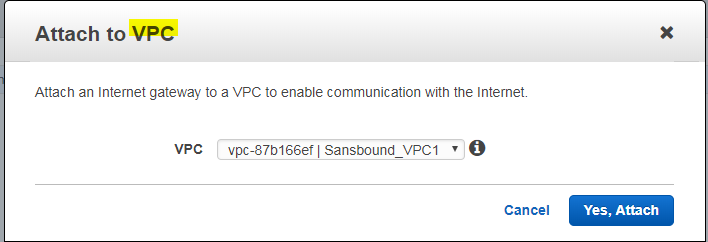


While creating internet gateway Name tag as “Sansbound\_VPC1\_IGW”.



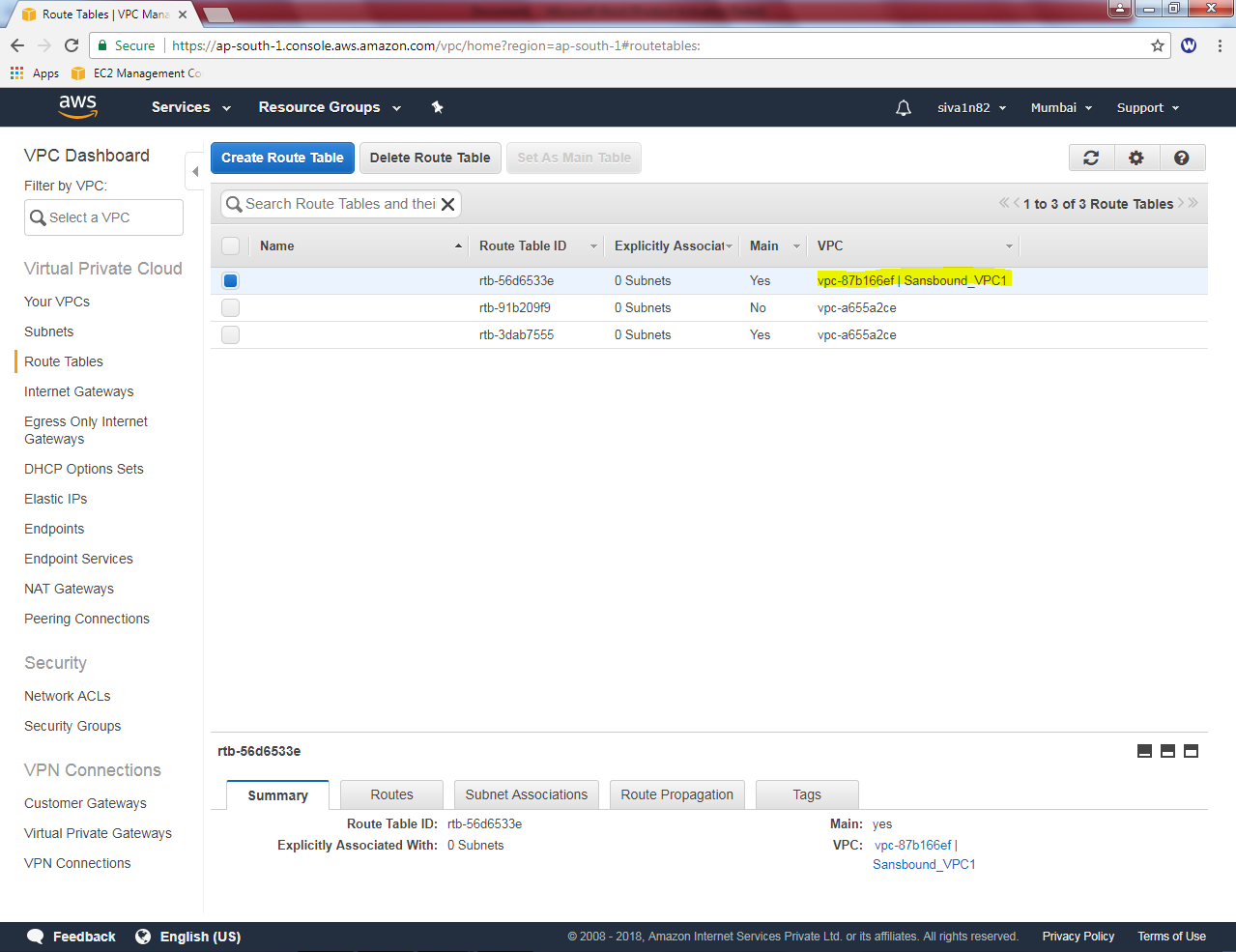
It shows, IGW in detached state, we need to attach VPC.



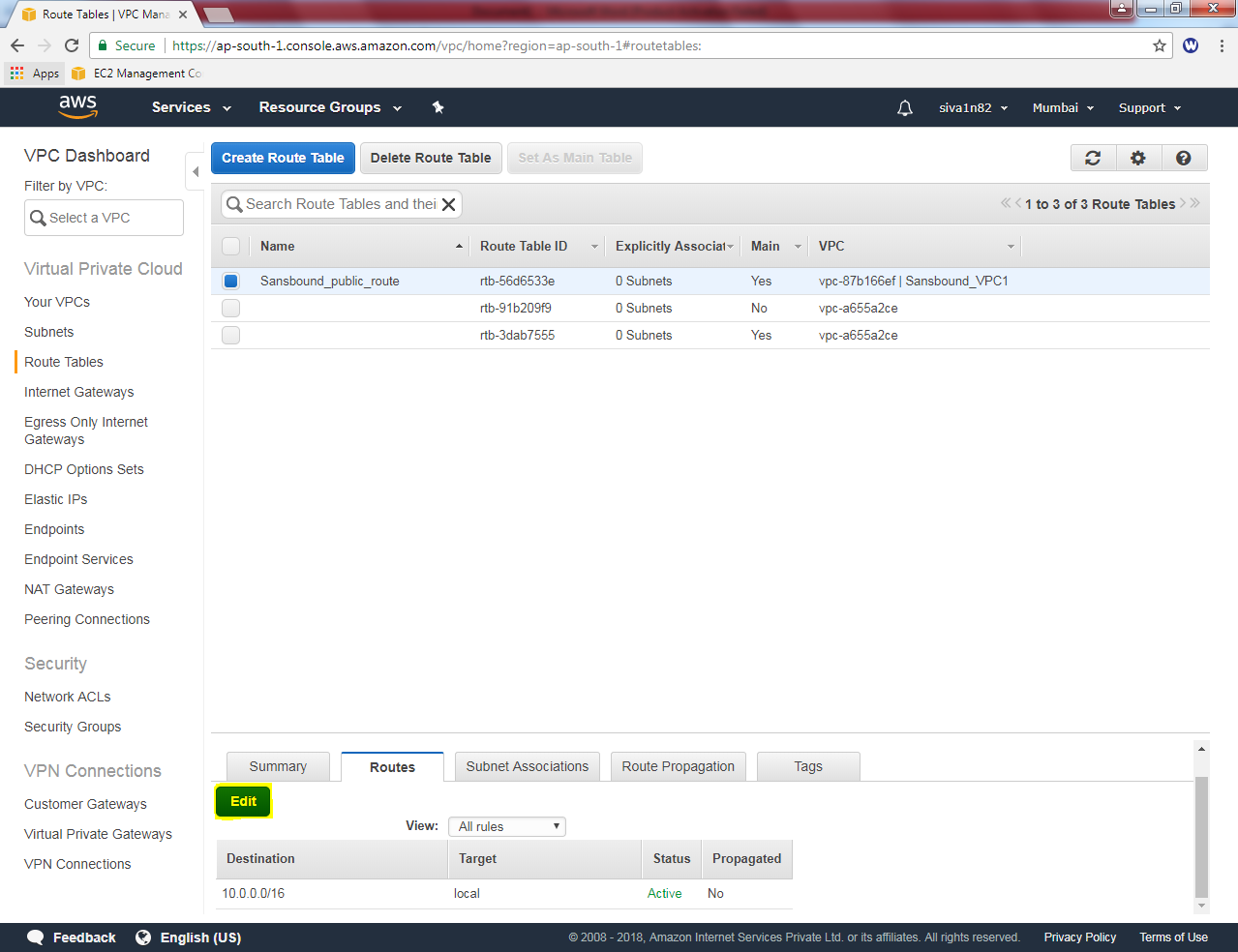


Click “Yes, Attach”.

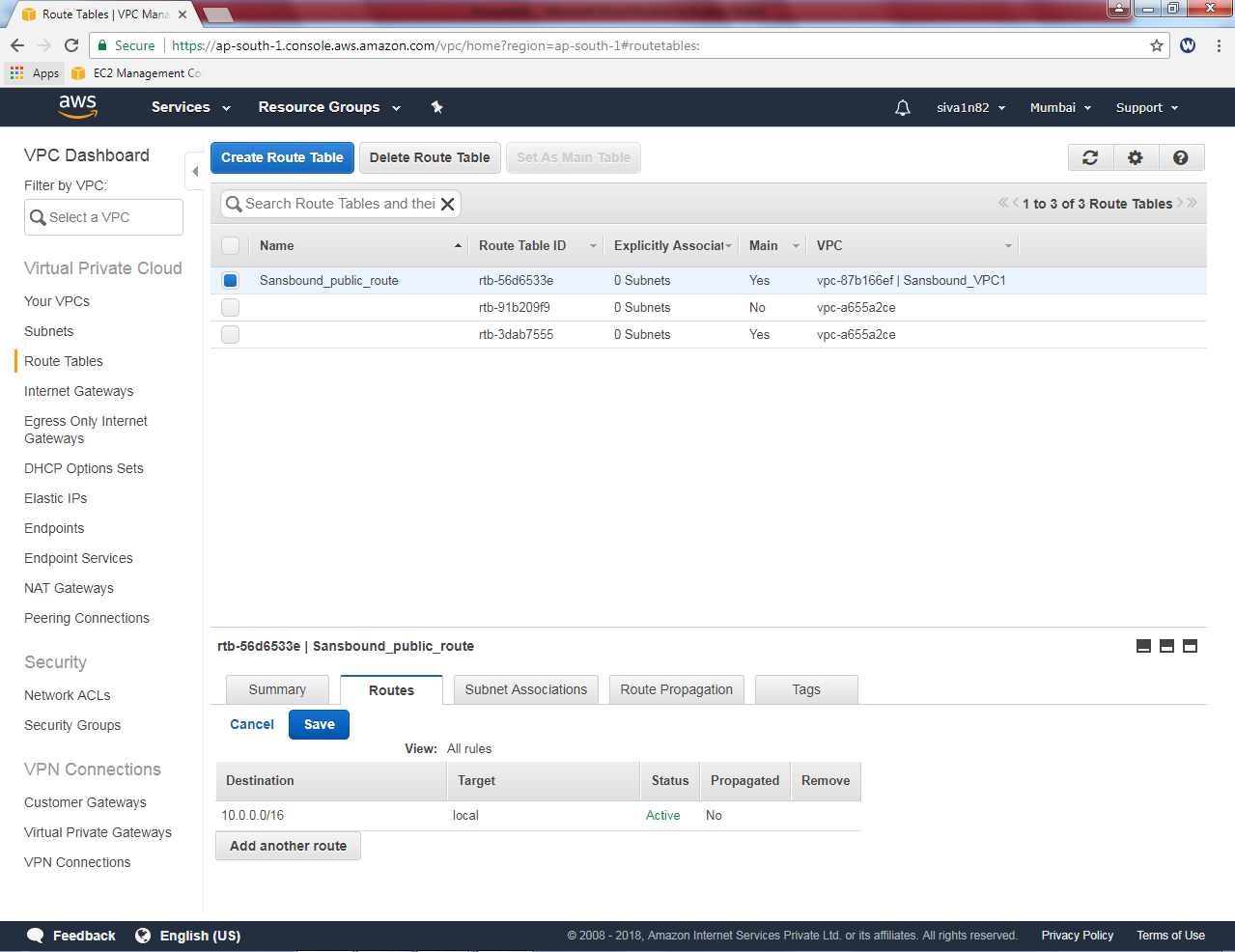
Rename the Sansbound\_VPC1 route table as sansbound-public\_route.



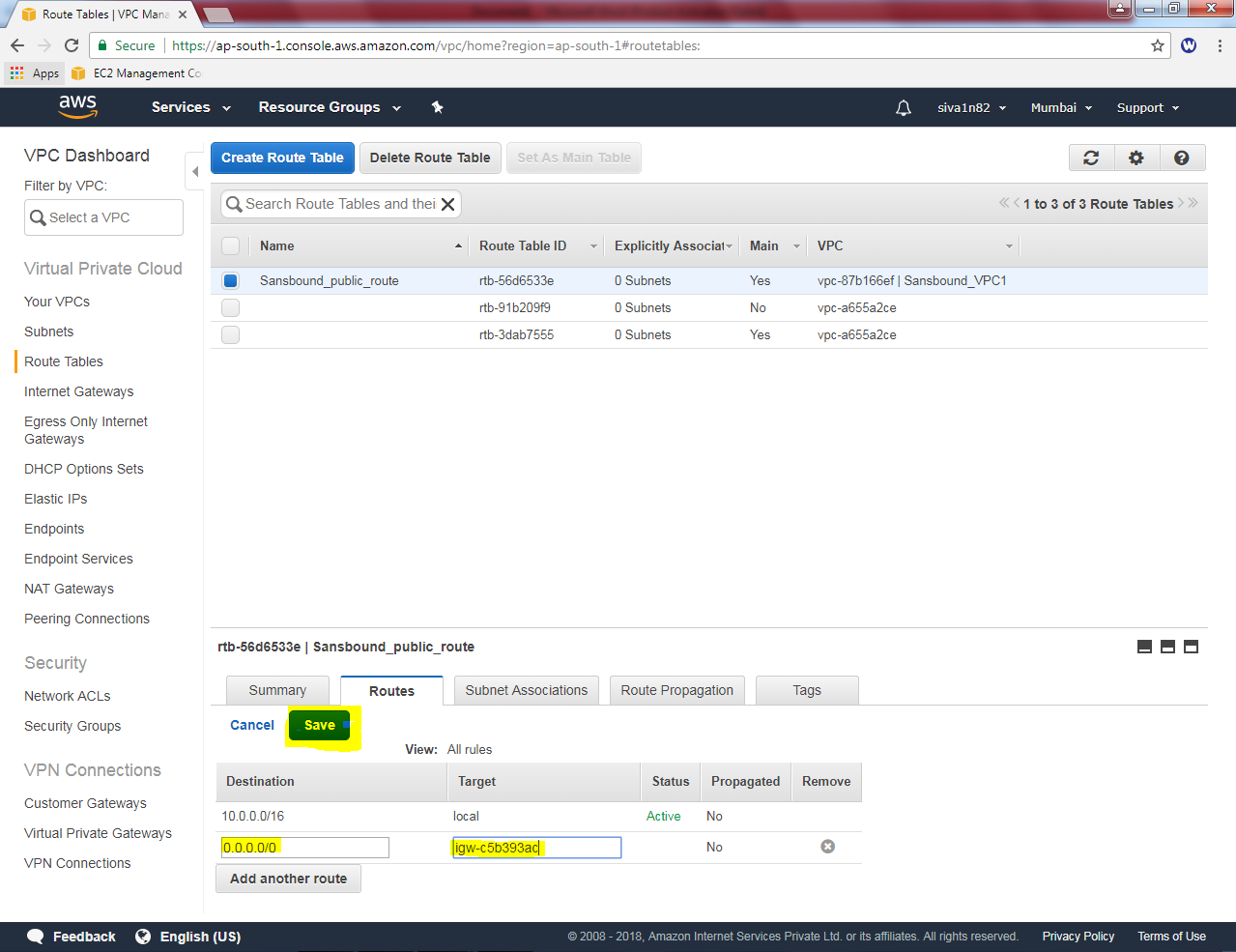
In Sanbound\_Public\_route table, select route tab then click “Edit” option.



Click “Add another route” button.

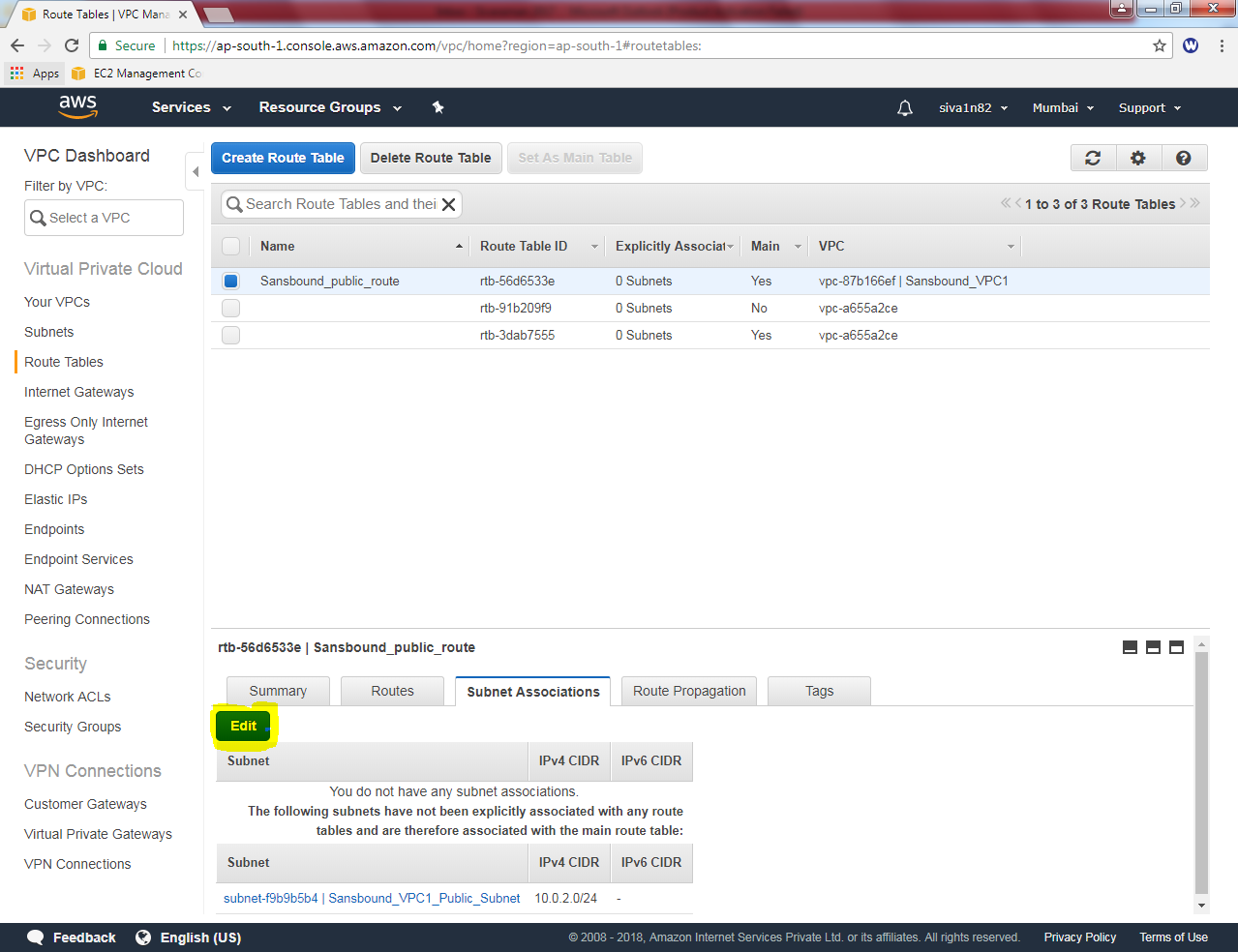


Add default route 0.0.0.0/0 and select **”igw-\*”** as target.

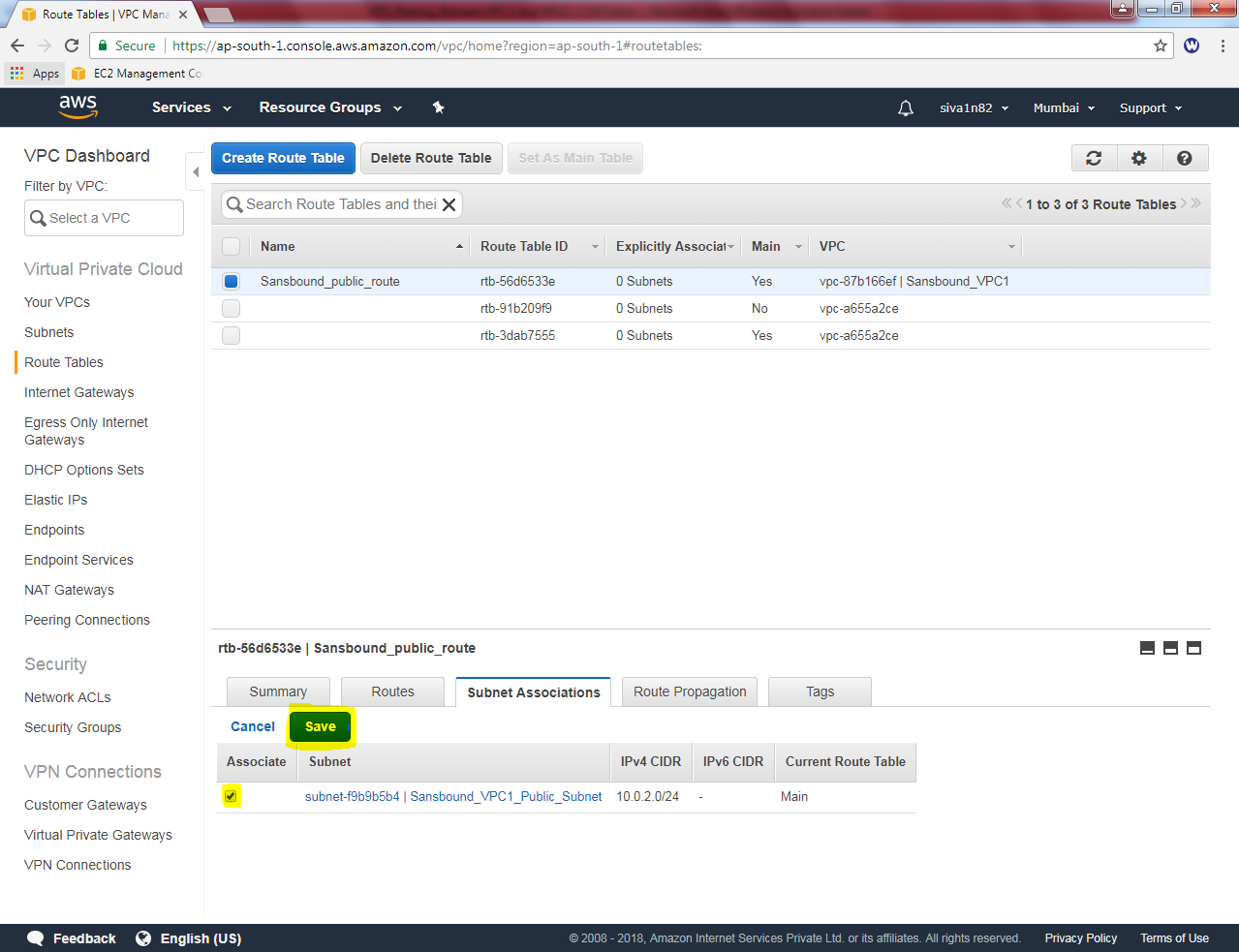


Then click “save”.

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

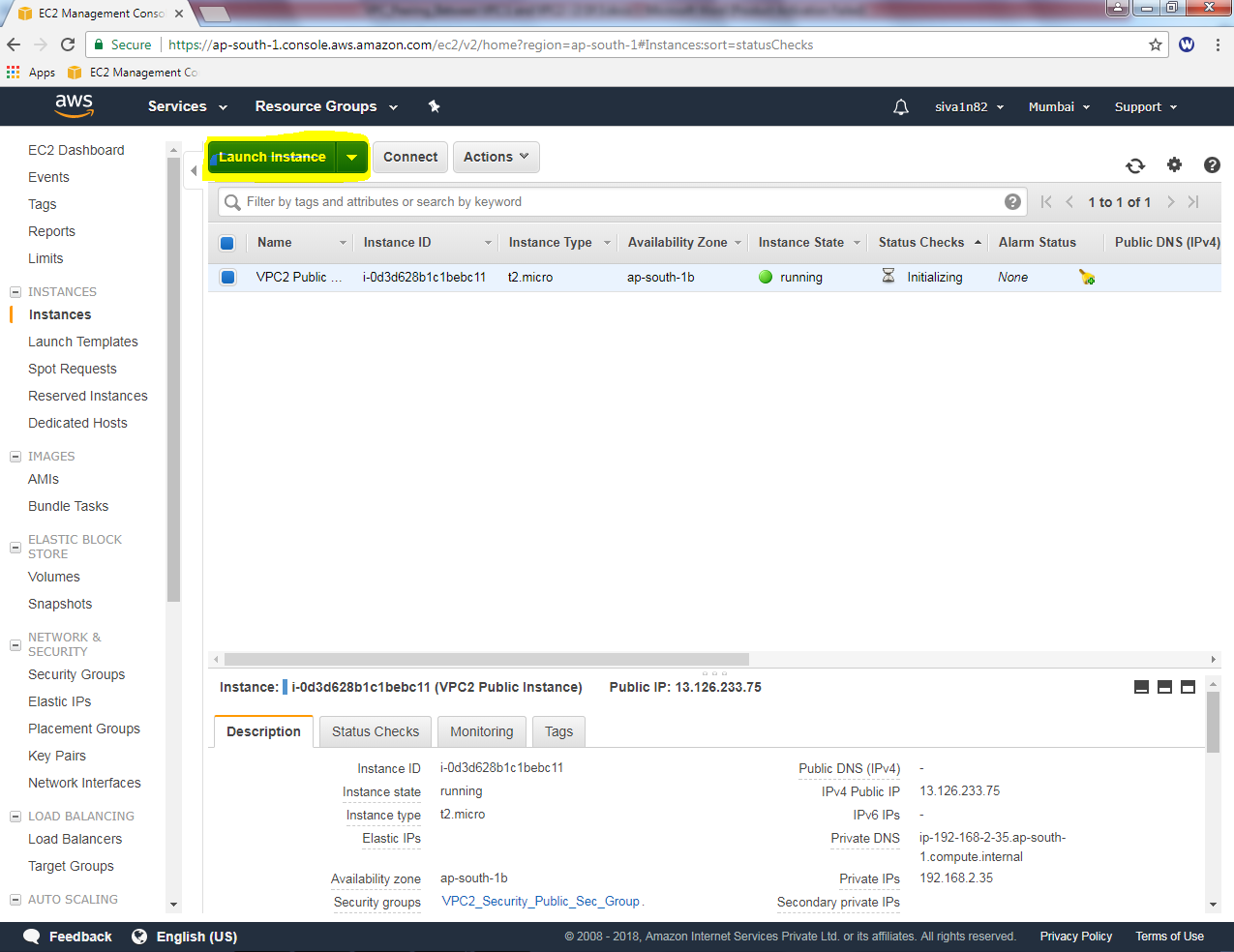


Select option check box option to select “sansbound\_VPC1\_Public\_subnet”.

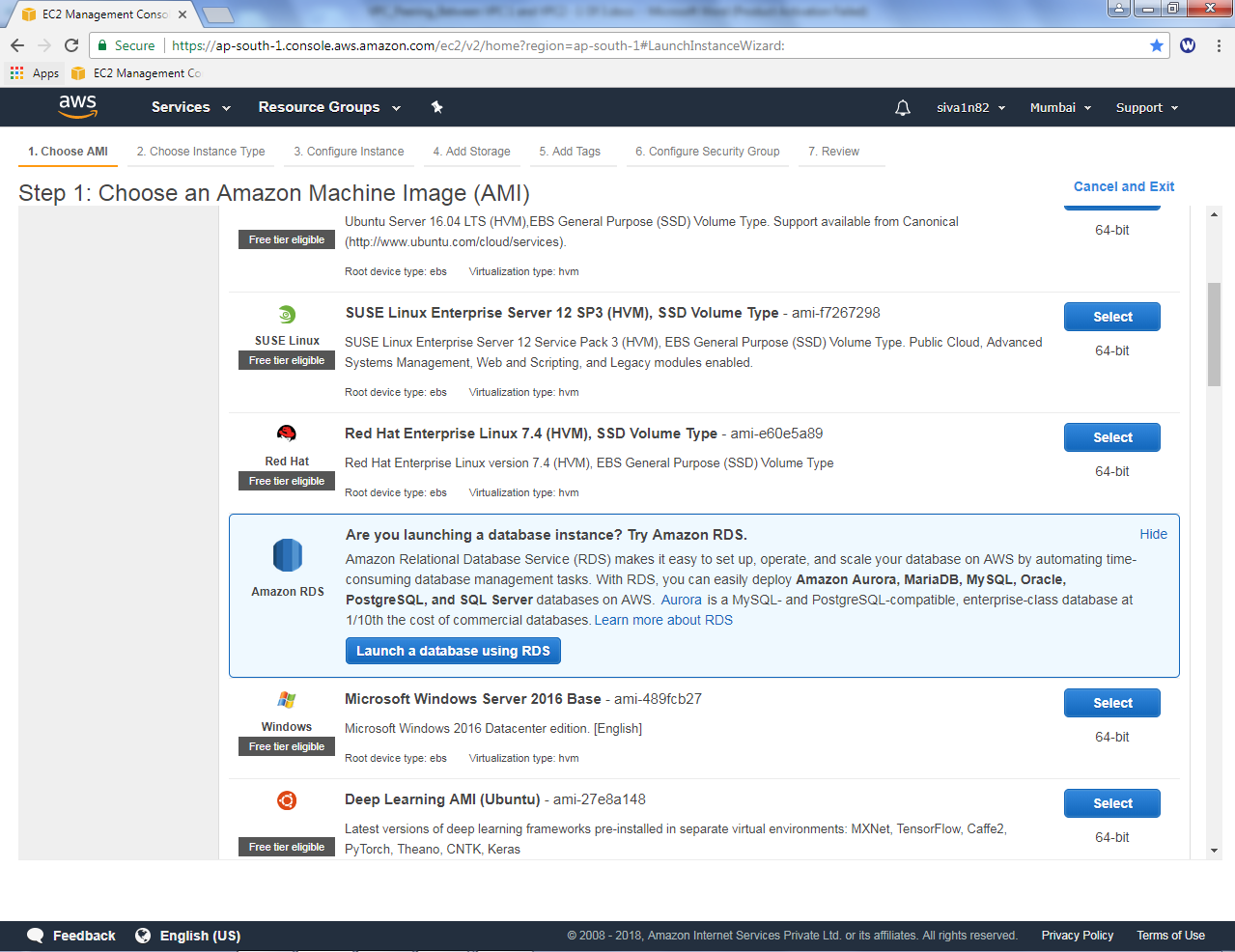


Then click “Save”.

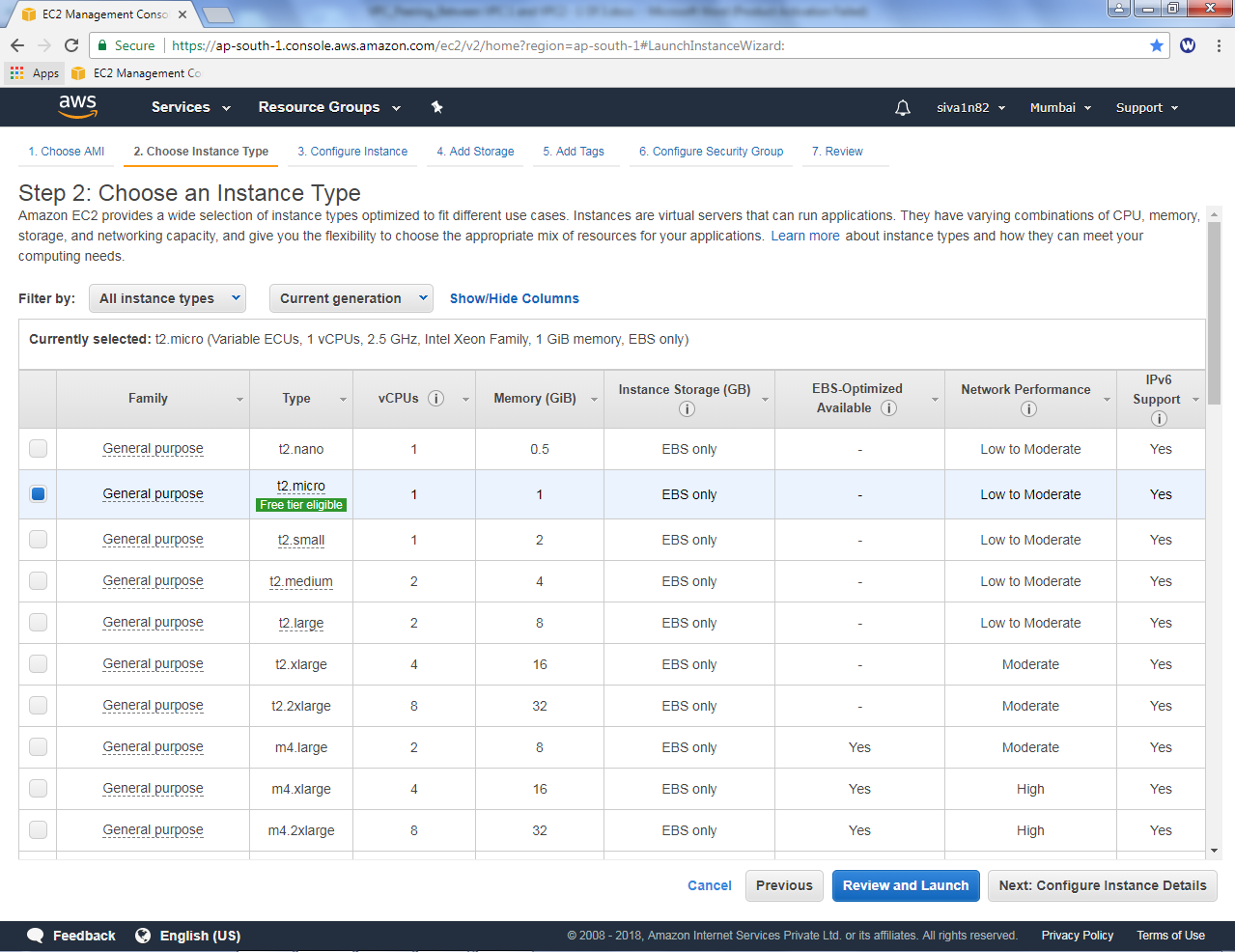
Then we need to create an instance for VPC1. Click “Launch Instance”.



Select “Microsoft Windows server 2016 Base”option.



Select “t2 micro”

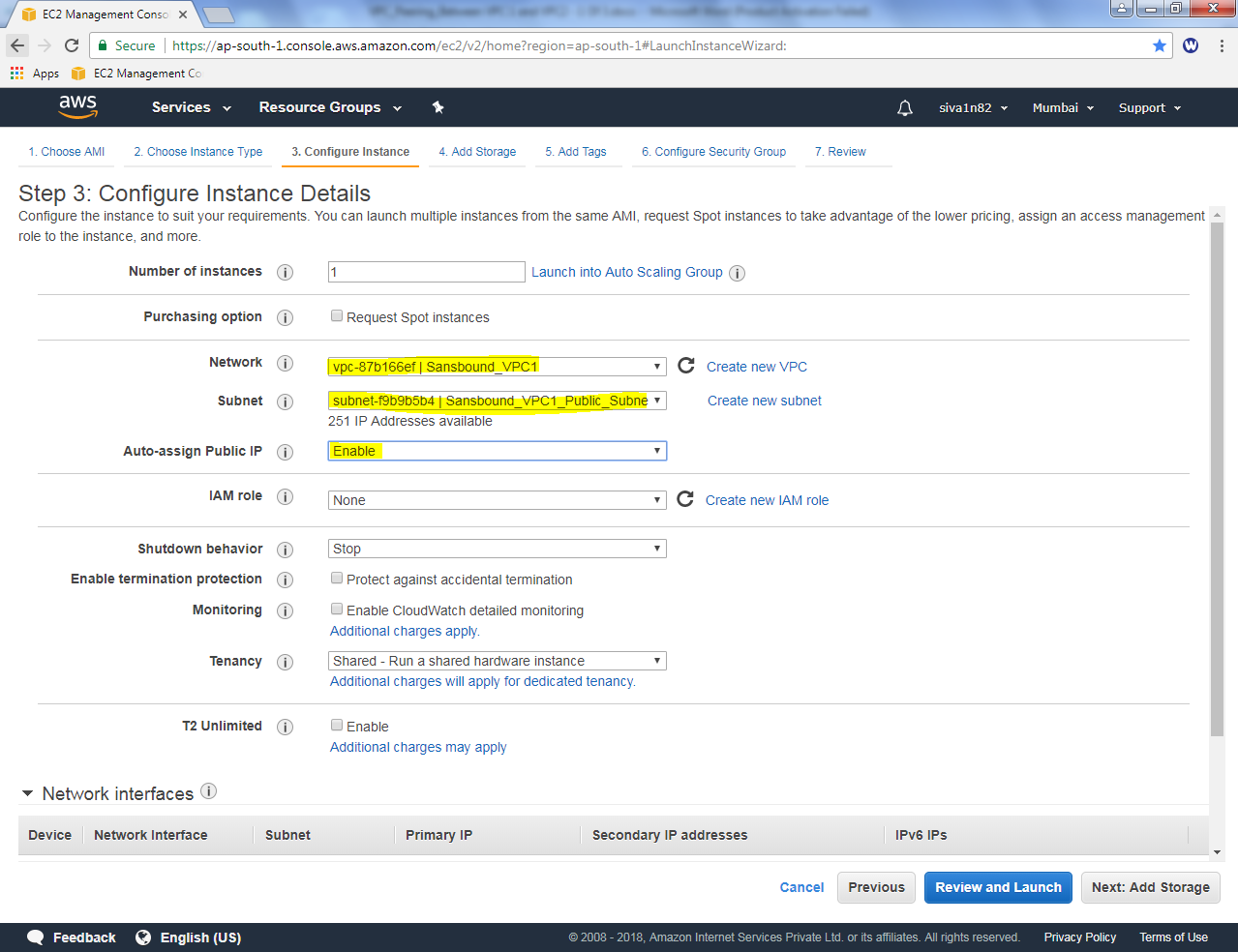


Click “Next”.

Select Network as Sansbound\_VPC1

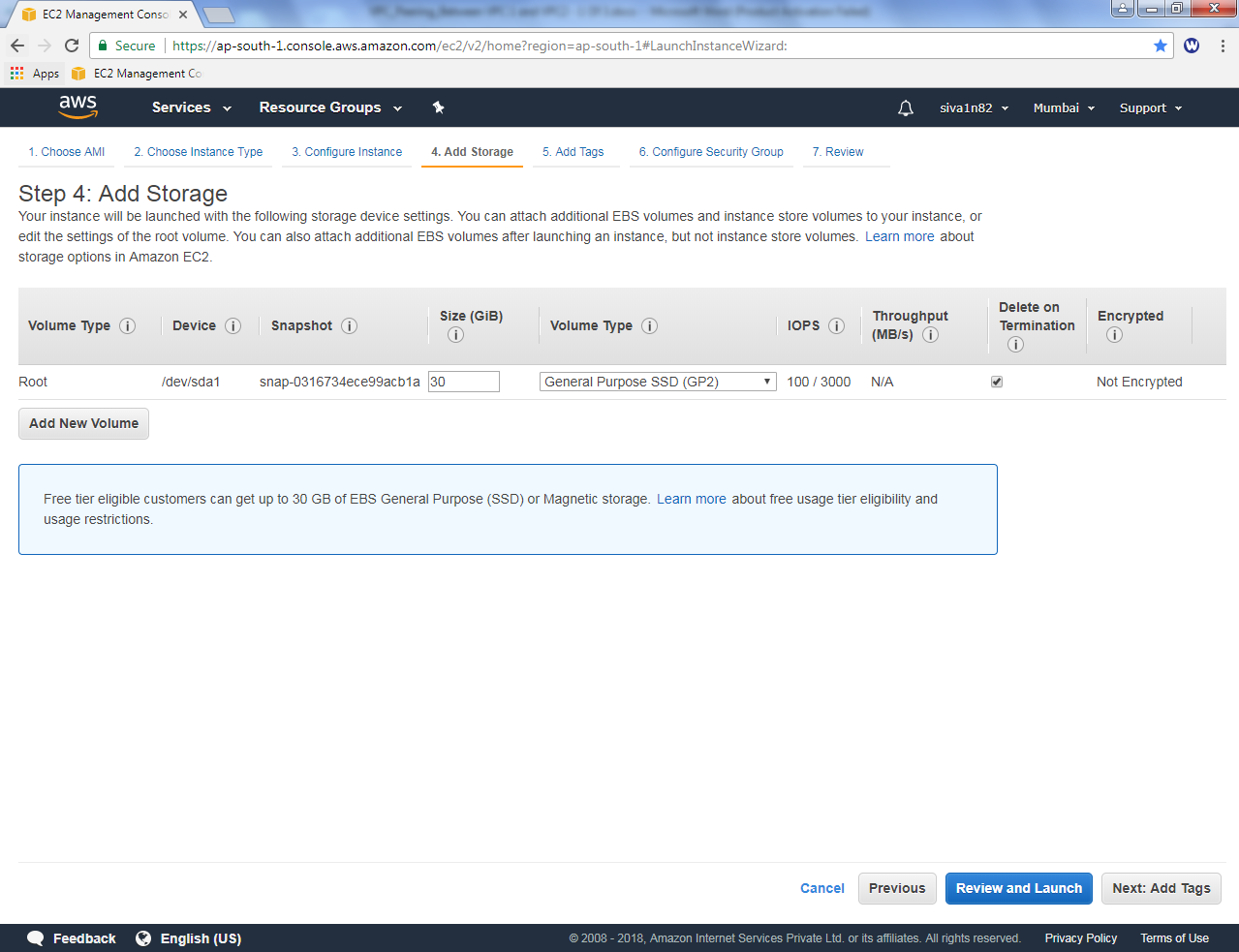
Subnet : Sansbound\_VPC1\_public\_Subnet

Auto Assign Public IP: Enable.

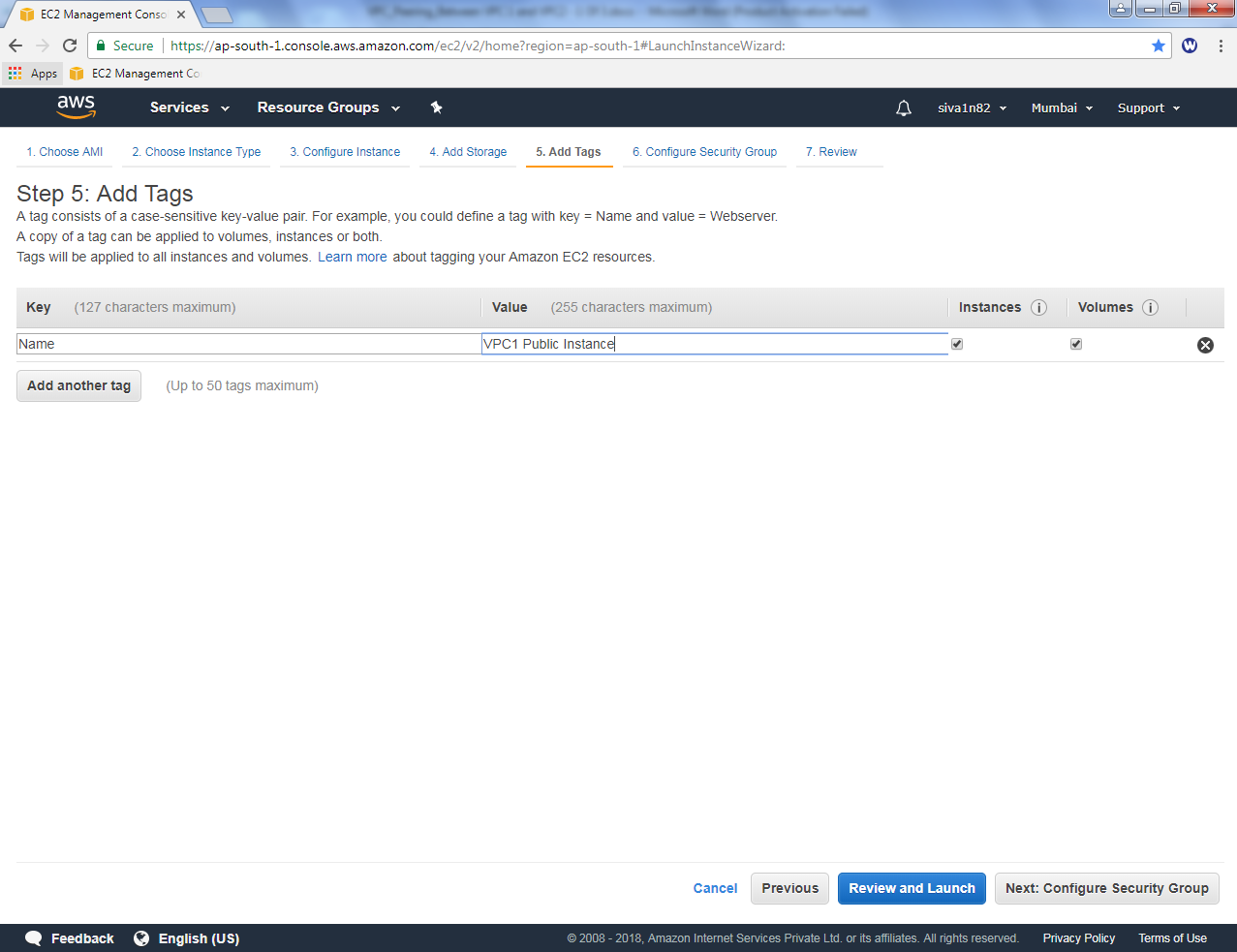


Click “Next”.

Leave default and click “Next”.

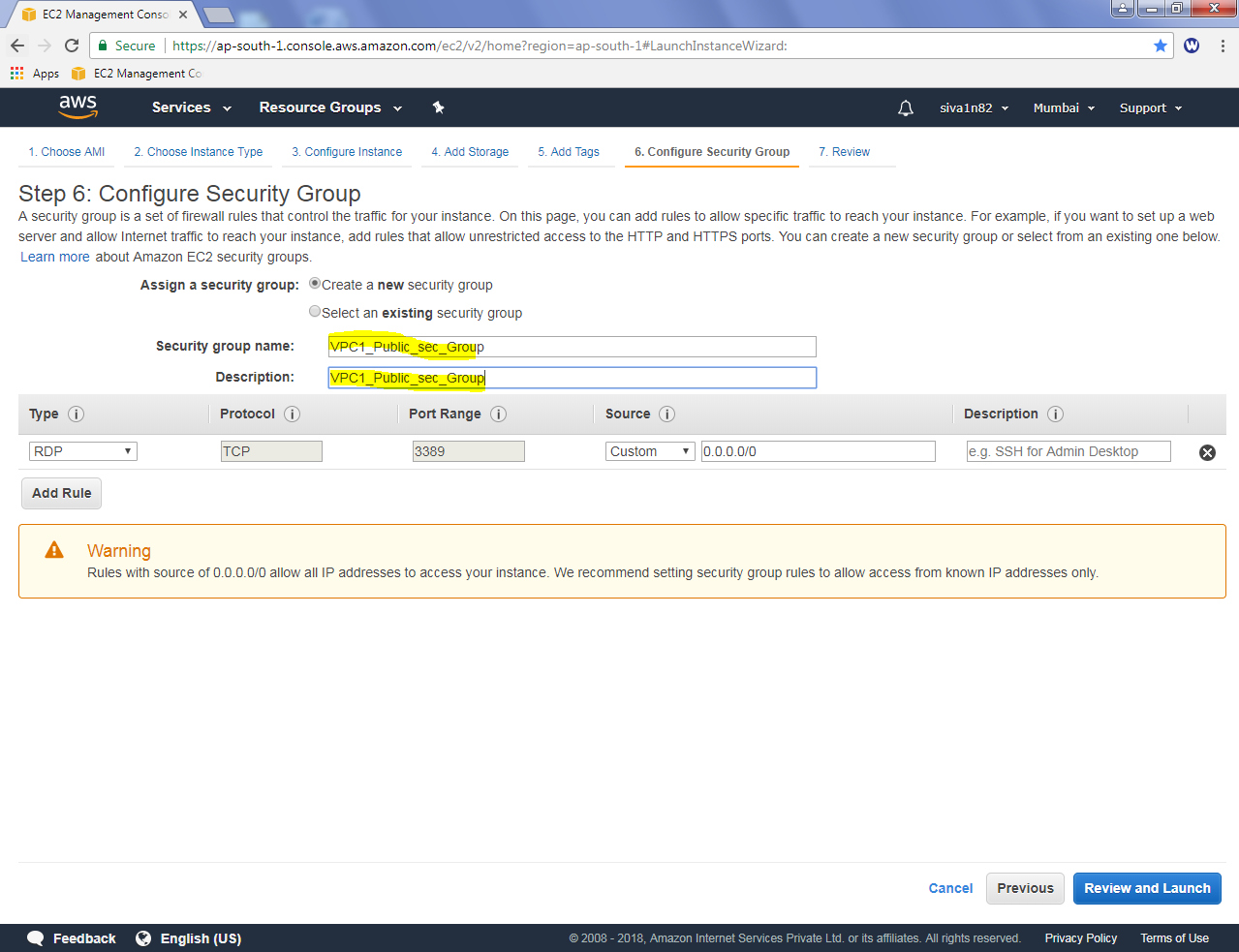


Name: VPC1 Public Instance



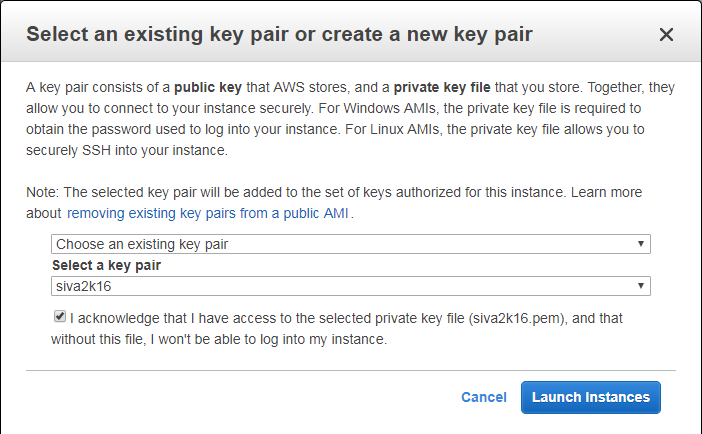
Click “Next”.

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.