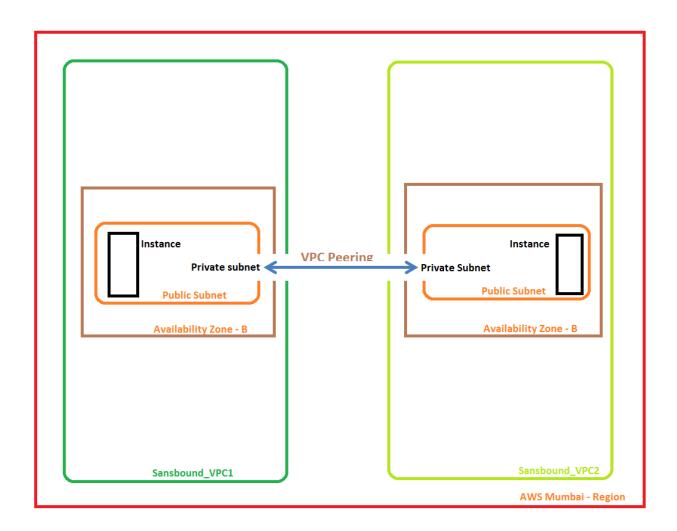
Lab 13

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

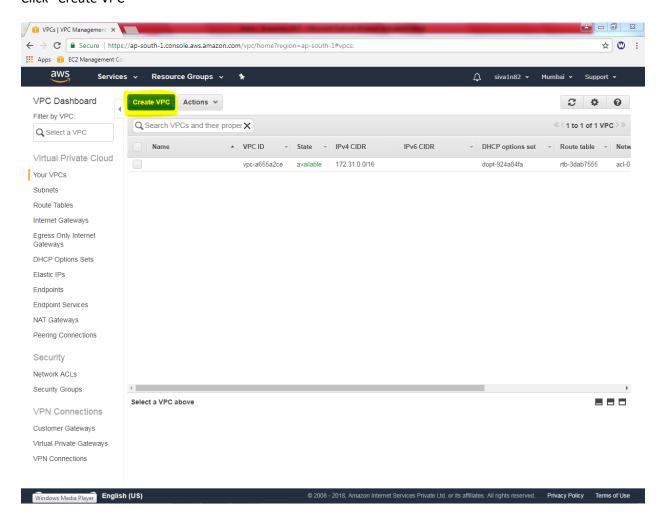
## Scenario:



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

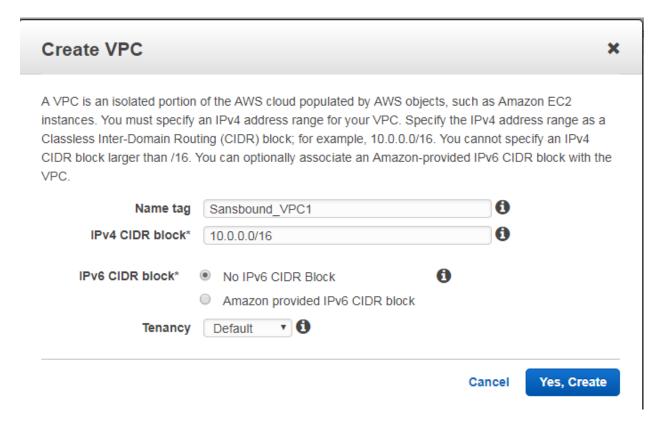
## Got to VPC Dashboard,

## 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".

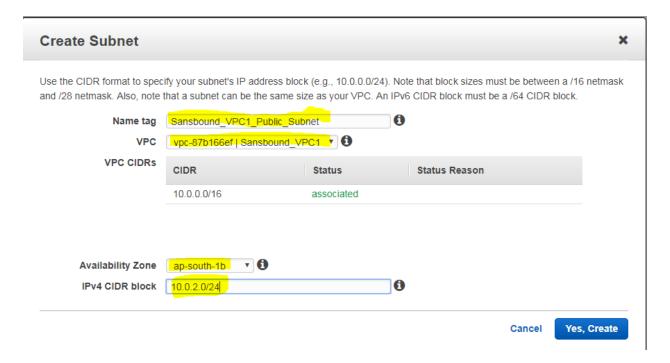
While creating subnet,

Name tag as "Sansbound\_VPC1\_Public\_Subnet".

VPC as Sansbound\_VPC1.

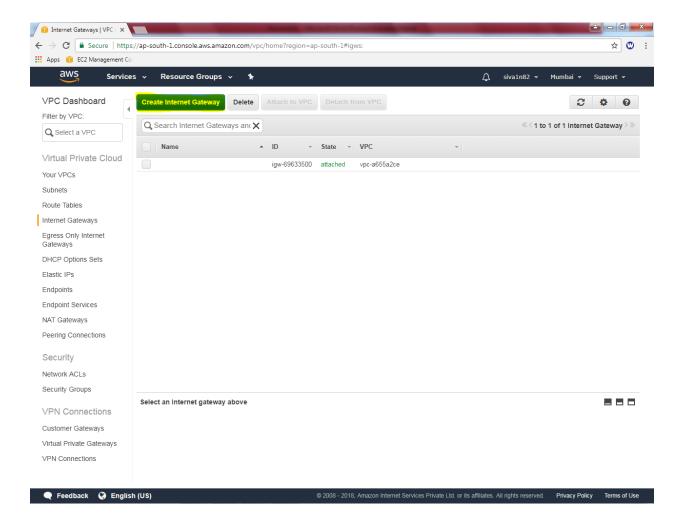
Availability Zone - 1B (Optional)

IPv4 CIDR Block – 10.0.2.0/24 subnet.

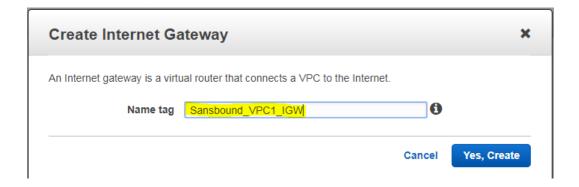


Then Click "Yes, create".

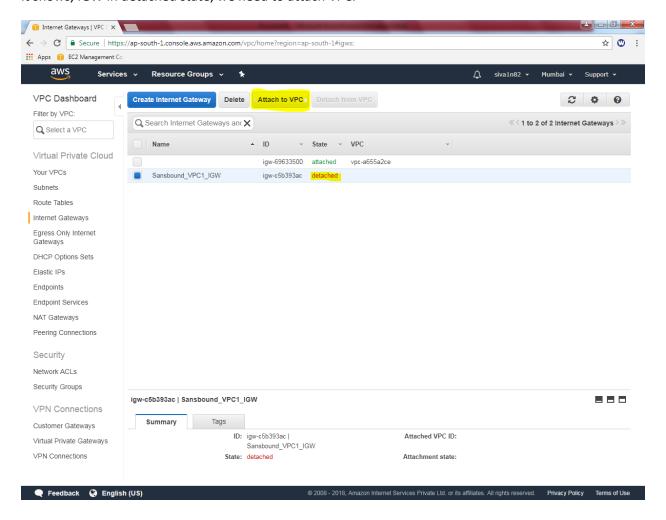
Then we need to create an internet gateway, click "create Internet Gateway".



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



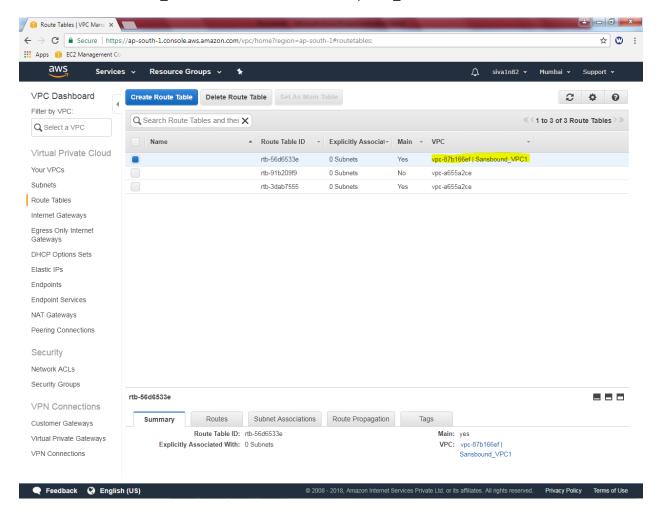
It shows, IGW in detached state, we need to attach VPC.



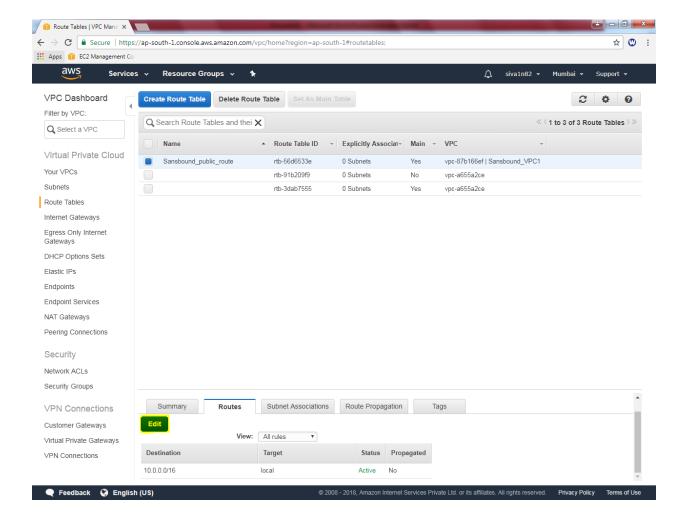


Click "Yes, Attach".

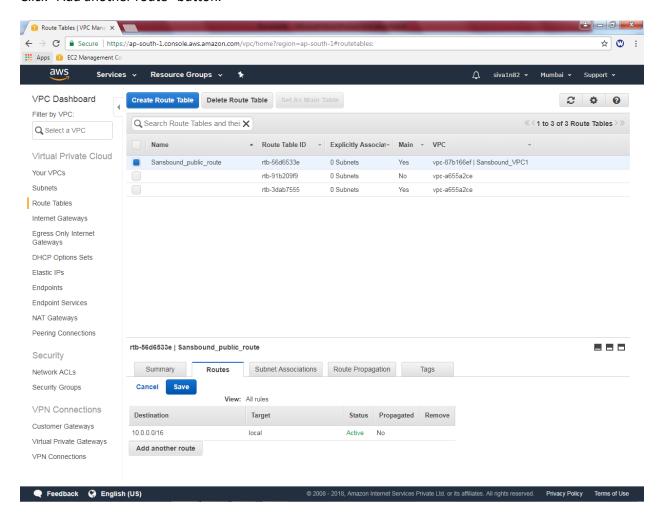
Rename the Sansbound\_VPC1 route table as sansbound-public\_route.



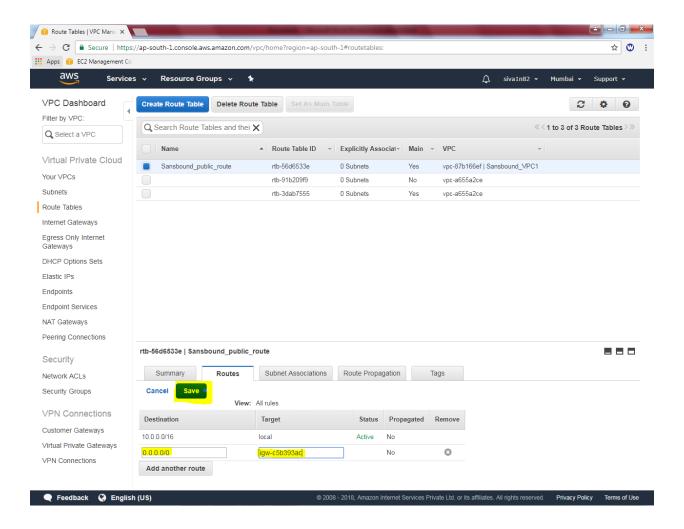
In Sanbound\_Public\_route table, select route tab then click "Edit" option.



Click "Add another route" button.

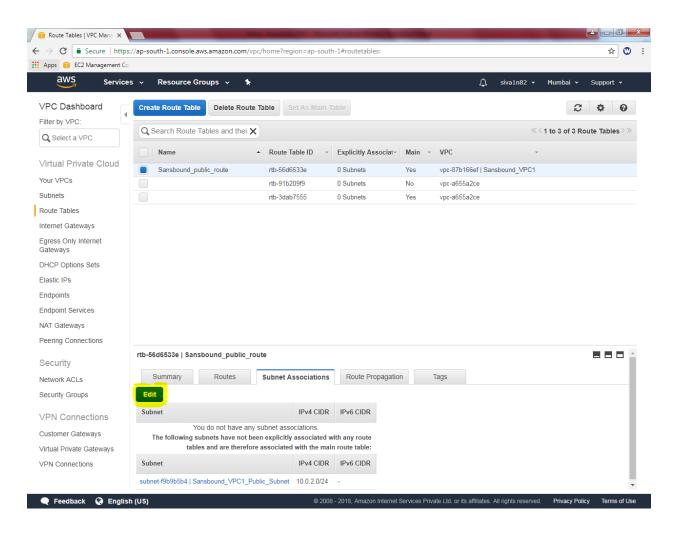


Add default route 0.0.0.0/0 and select "igw-\*" as target.

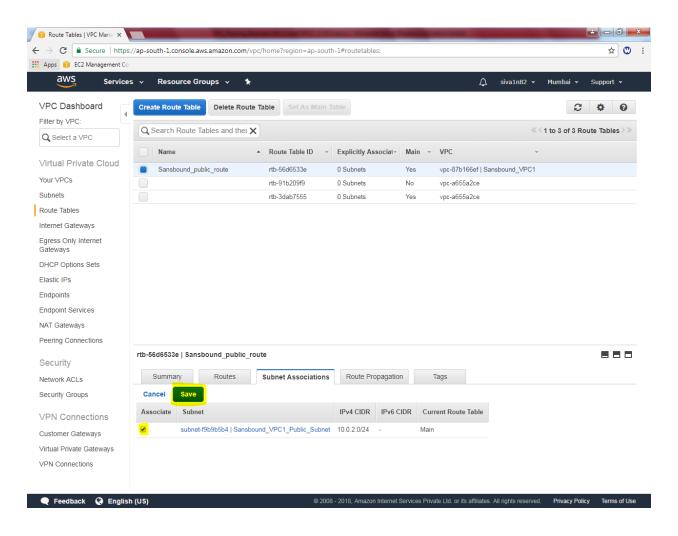


Then click "save".

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

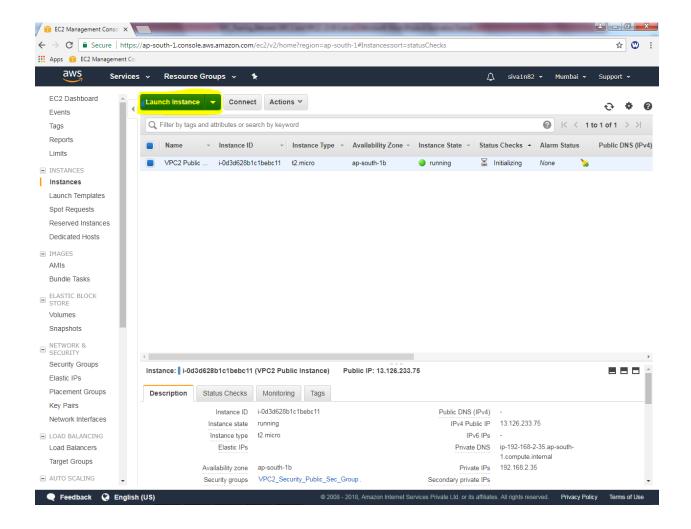


Select option check box option to select "sansbound\_VPC1\_Public\_subnet".

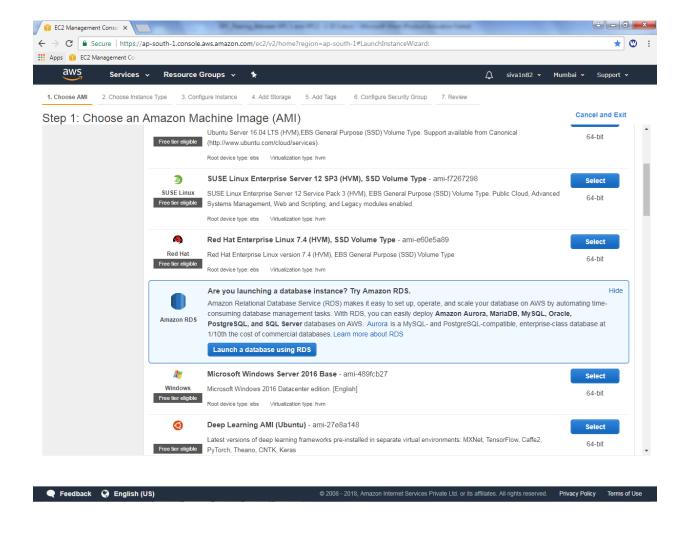


Then click "Save".

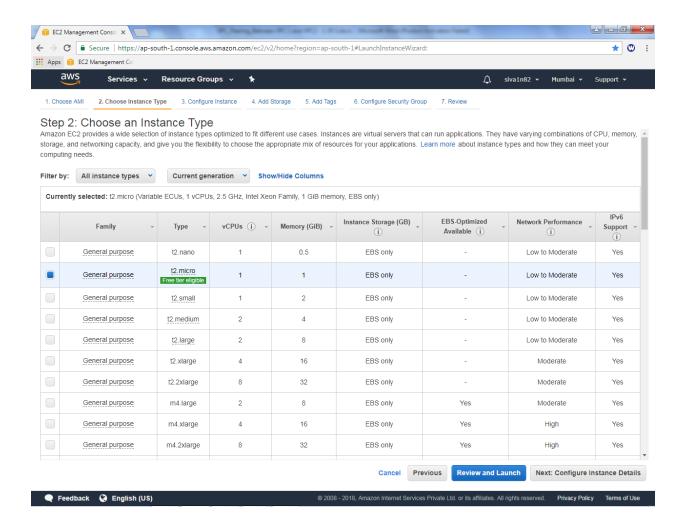
Then we need to create an instance for VPC1. Click "Launch Instance".



Select "Microsoft Windows server 2016 Base" option.



Select "t2 micro"

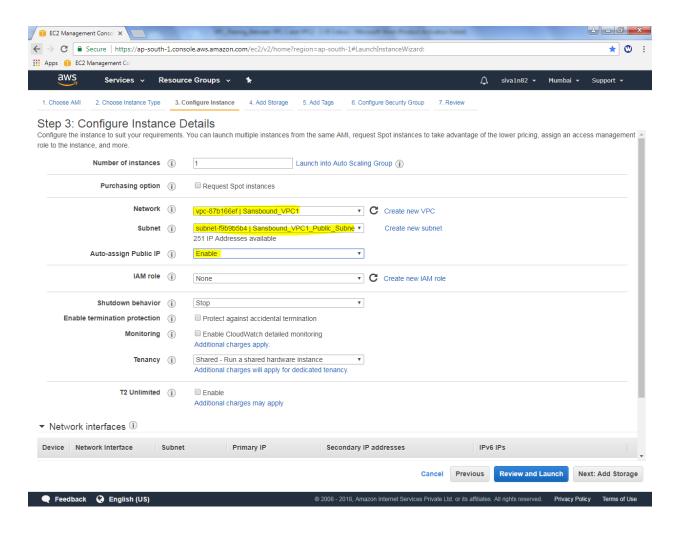


Click "Next".

Select Network as Sansbound VPC1

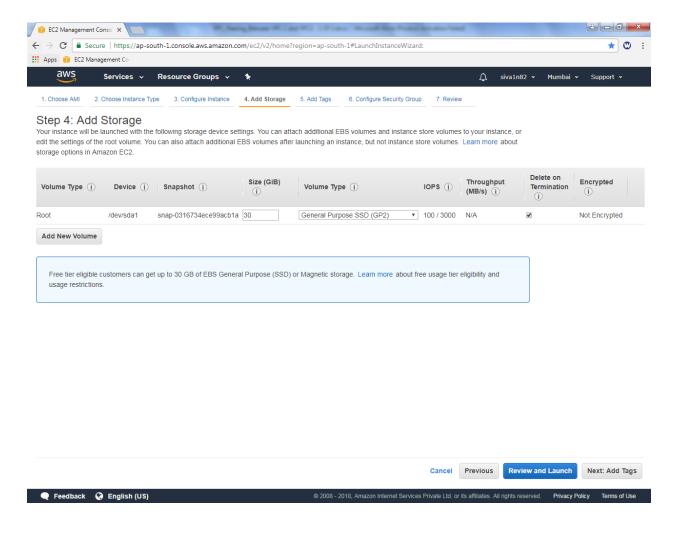
Subnet: Sansbound\_VPC1\_public\_Subnet

Auto Assign Public IP: Enable.

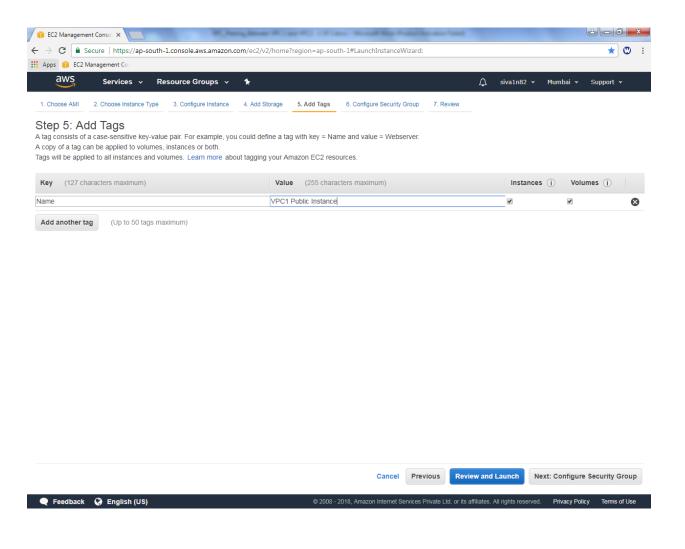


Click "Next".

Leave default and click "Next".

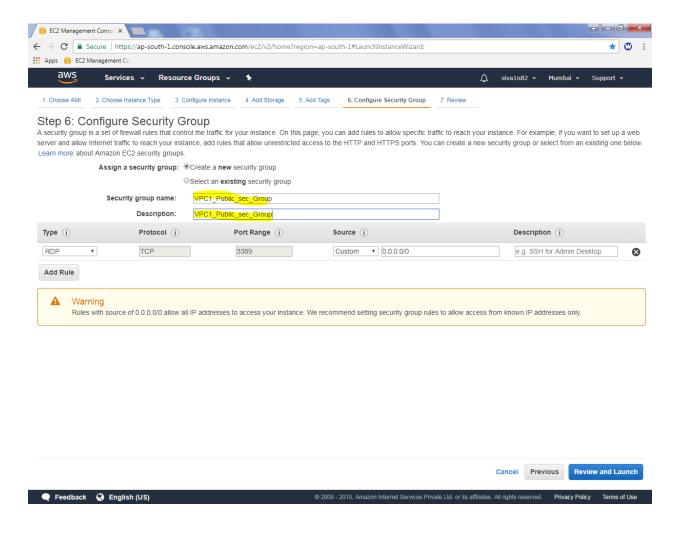


Name: VPC1 Public Instance



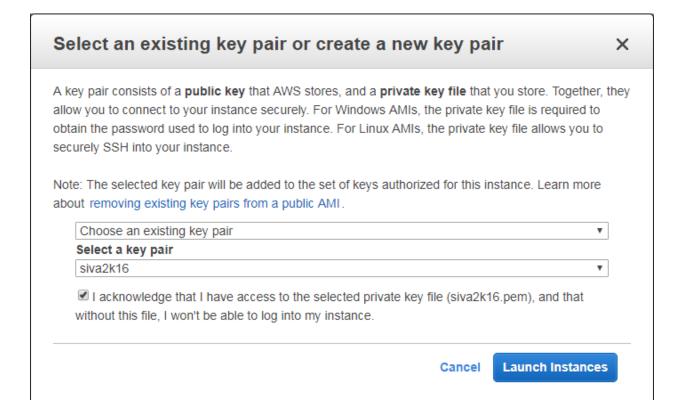
Click "Next".

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.