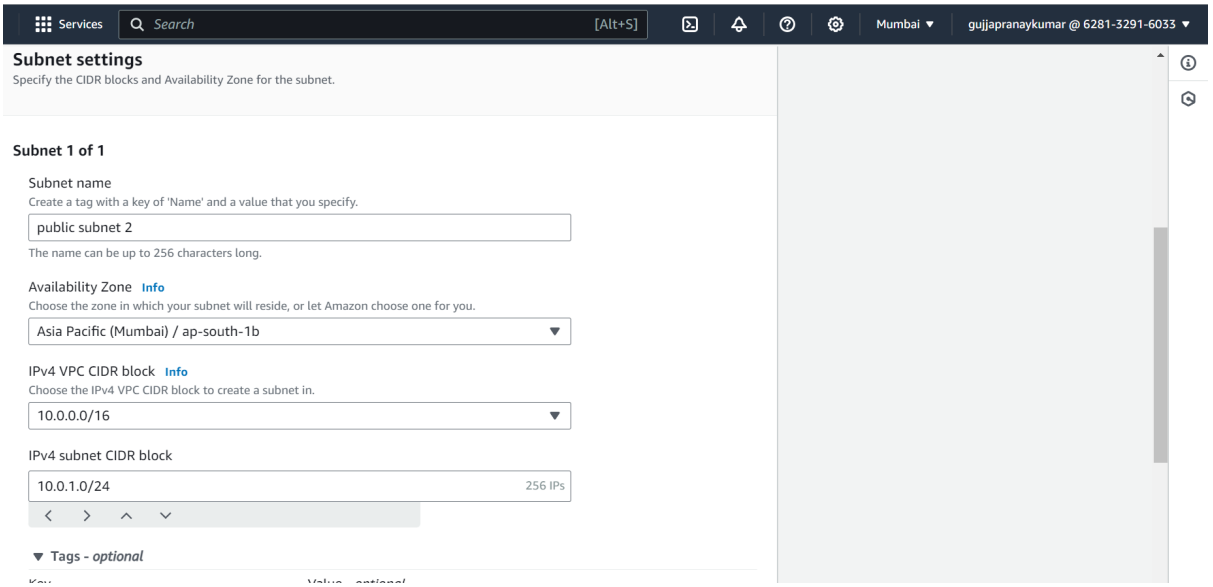
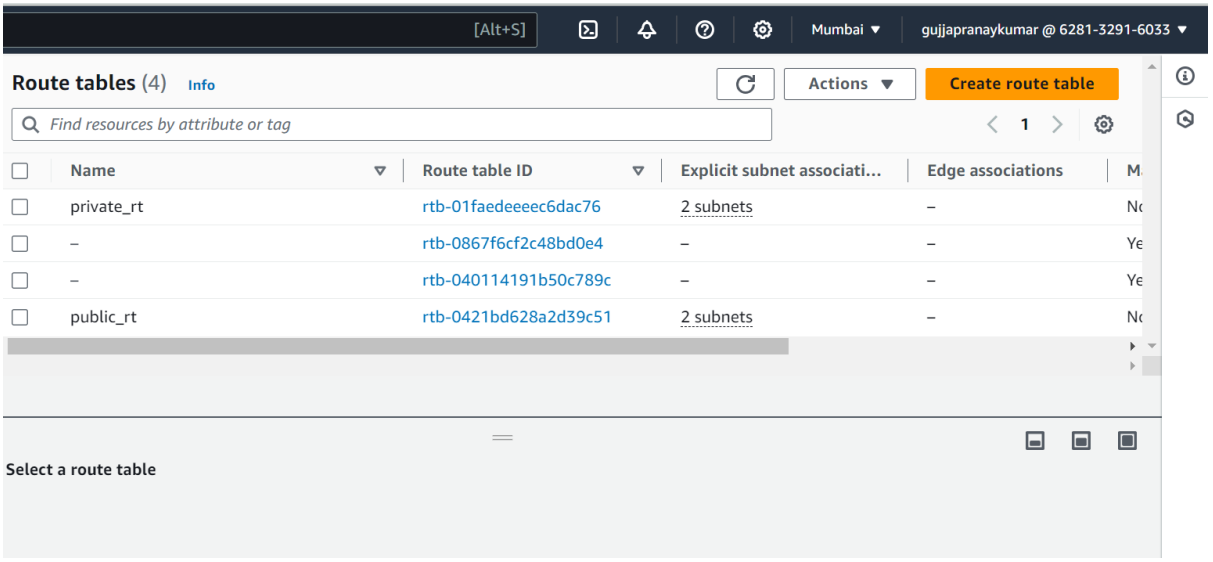
**Overview :**

**1. You have an Nginx server running in one public instance and a mattermost server running in one of the private instances.**
**2. You are now going to create similar instances using custom images**
**3. You need to configure 2 subnets for the two instances in a different availability**
**zone**
**4.You will have db server as common for 1 & 2 server setup**

1.Create a new subnet for the public instance that we are going to launch from the image
(Note : Select a different availability zone example the subnet you have created for 1st public instance has 1a, this subnet should be 1b)
A:



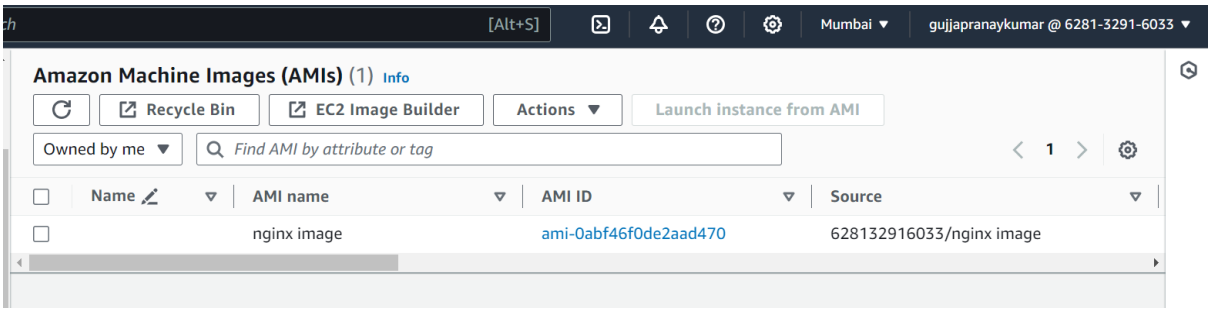

2.Associate this subnet to the existing Route table that you have created for public instance
A:



3.Navigate to the ec2 instance page, select the public instance that you have created previously, navigate to actions -> click on images and templates ->click on create image

4.Provide the image name , image description and add tag Name and Value eave all other options default and then click on create image

5.Navigate to images->AMI's you will have your ami that is created
A:

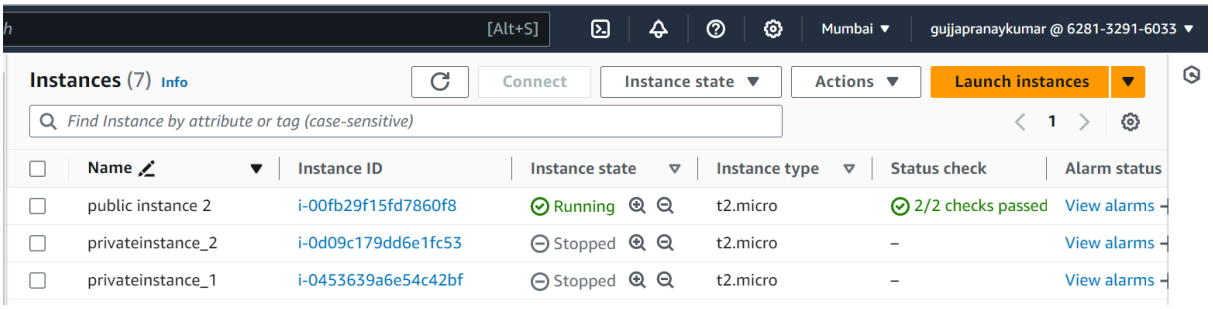



6.Now create a new instance from this image, navigate to instance -> Launch instance

7.Now click on My AMI's and select the AMI which you have created

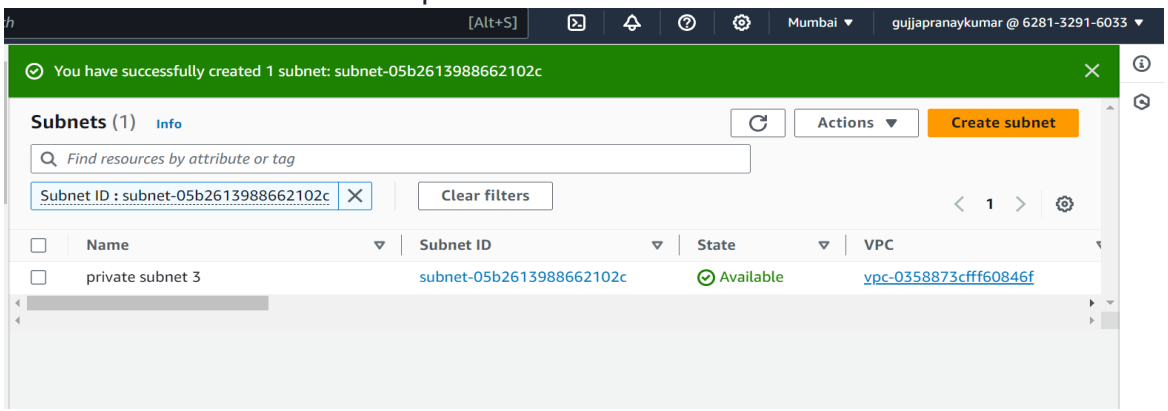
8.Follow the steps as you did for creating a public instance but make sure you have selected the new subnet that you have created for this instance . Make sure you have configured inbound rules correctly in the security group

9.Your new public instance get created
A:

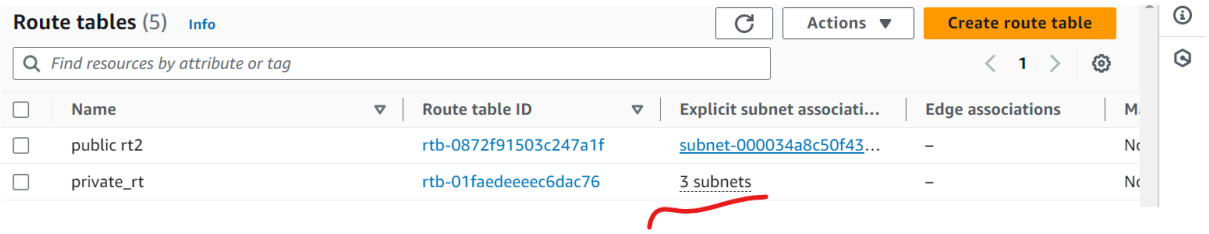



10. Create a subnet for the new private instance

A:

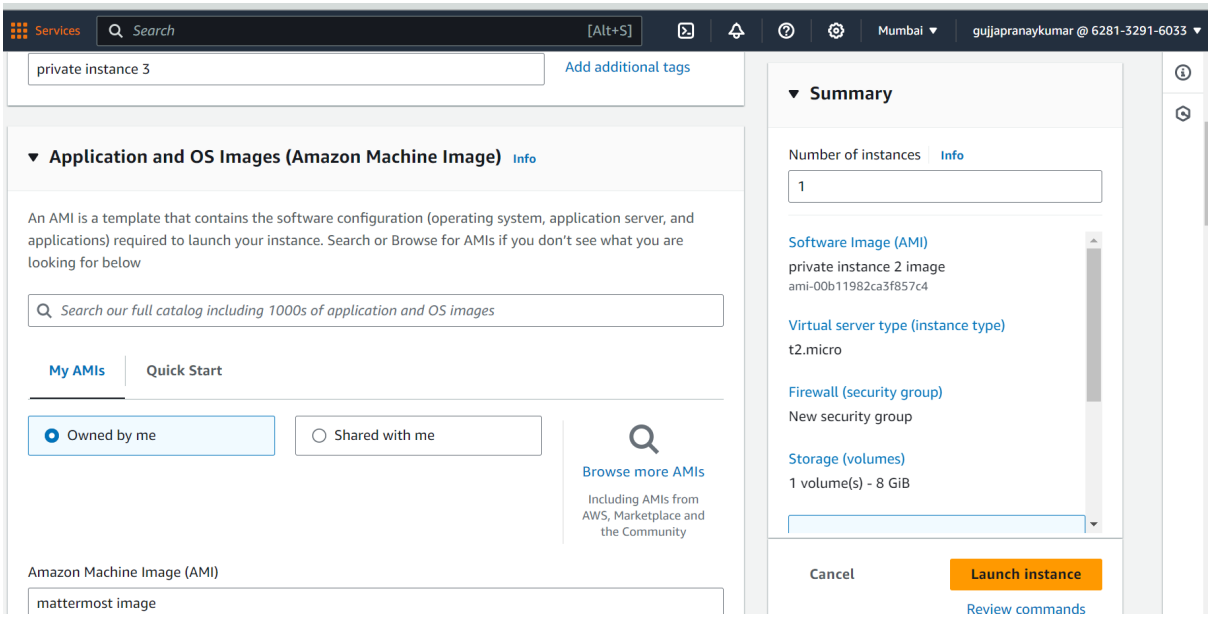


11. Associate the subnet to the routetable that you have created which does not have Internet Gateway
A:




12. Similarly create a new image from your private instance where your mattermost is running .Select the subnet that you have created. Make sure you have configured inbound rules correctly in the security group

13. Launch a new instance from the AMI that you have created
A:




14. In the configurations make sure you have chosen the right subnet, Auto assign public ip should be disabled, choose the same availability zone that you have chosen for the above public instance. Security group to be configured as below

15. Instance should be launched successfully
A: