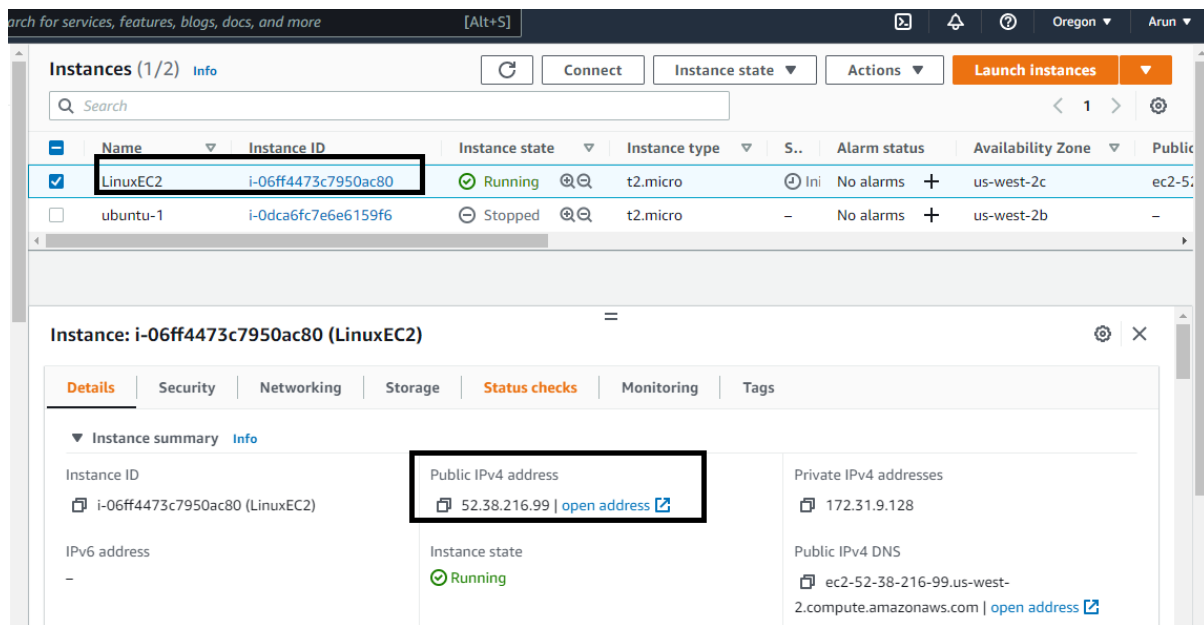# Creation of AMI

From the **Amazon EC2 Instances** view, you can create Amazon Machine Images (AMIs) from either running or stopped instances.

Step 1: Launch Linux Ec2 Instance.

Step 2: In that instance install http server create 1 html file called test.html.

sudo su -

yum update -y

yum install -y httpd

systemctl start httpd

systemctl enable httpd

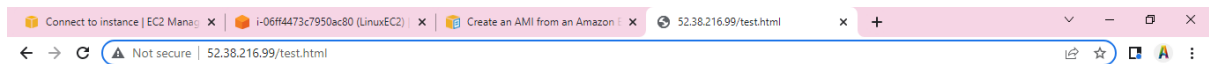systemctl status httpd

cd /var/www/html

touch test.html

Step 3 : goto publicIP/test.html, In this case http://52.38.216.99/test.html

This Webpage is created in Linux EC2 For creating of AMI

Step 4 : Now Goto Instances >> click on the instance to take image >> click on Actions >> click on Images and templates >> click on create image.
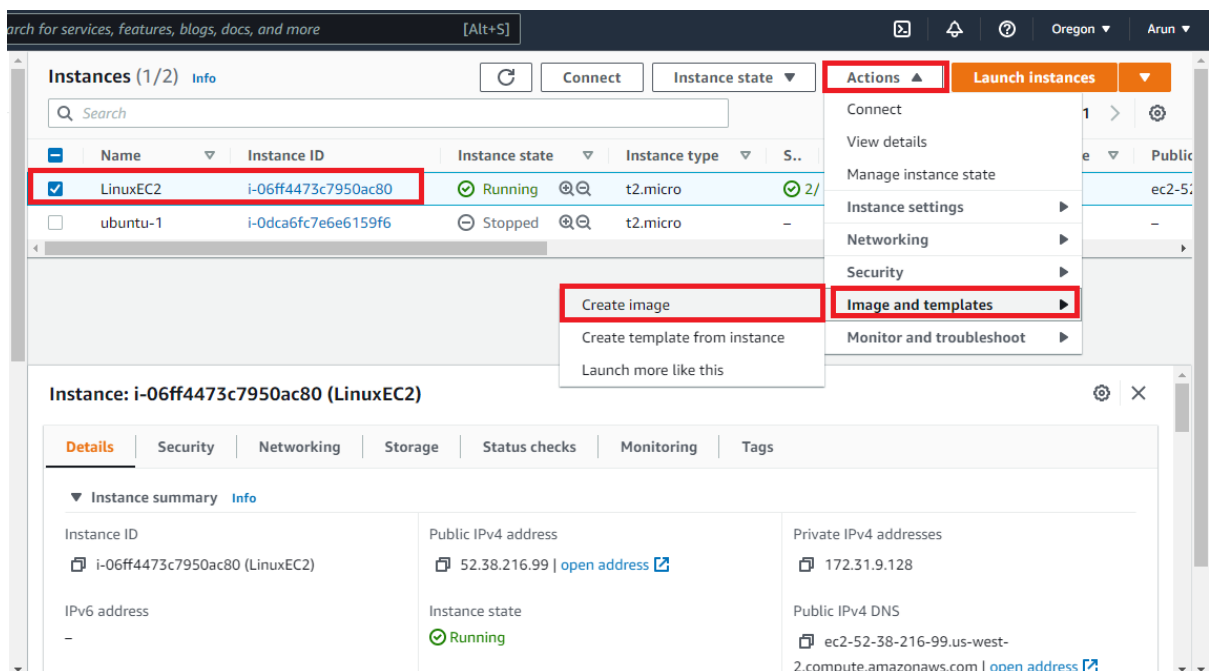
Step 5 : Give suitable name for Image and click Create Image

Step 6 : Now Goto AMI tab, check New AMI created

Step 7 : Goto Permissions tab >> click Edit AMI permissions >> Click Public >> Save changes
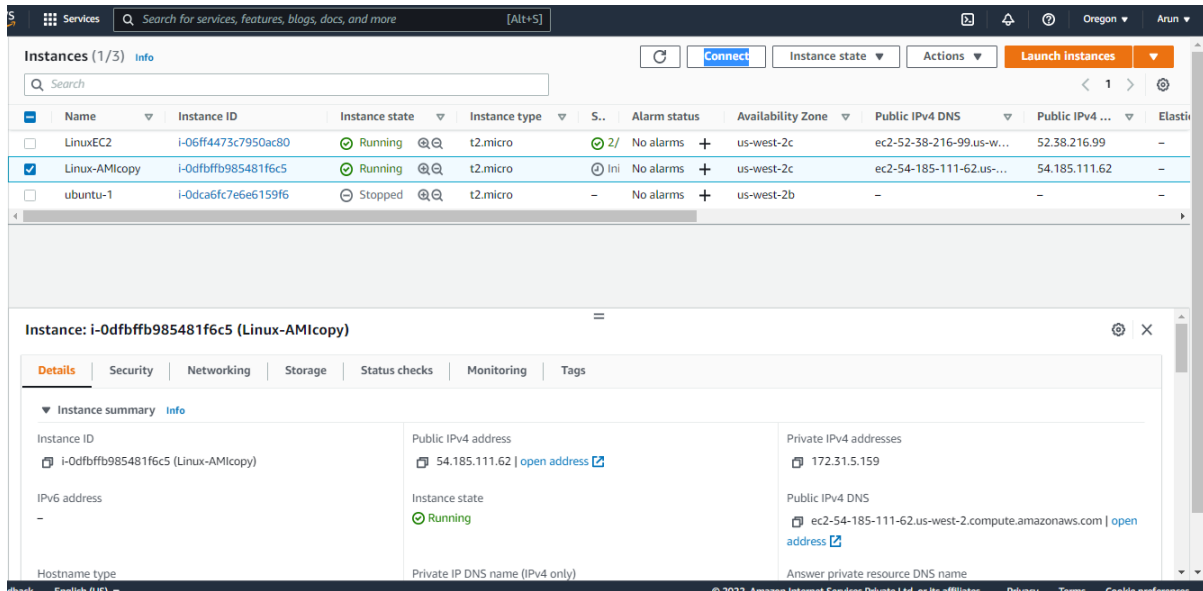
Copy the AMI ID - ami-0e0d6bf52d934e213
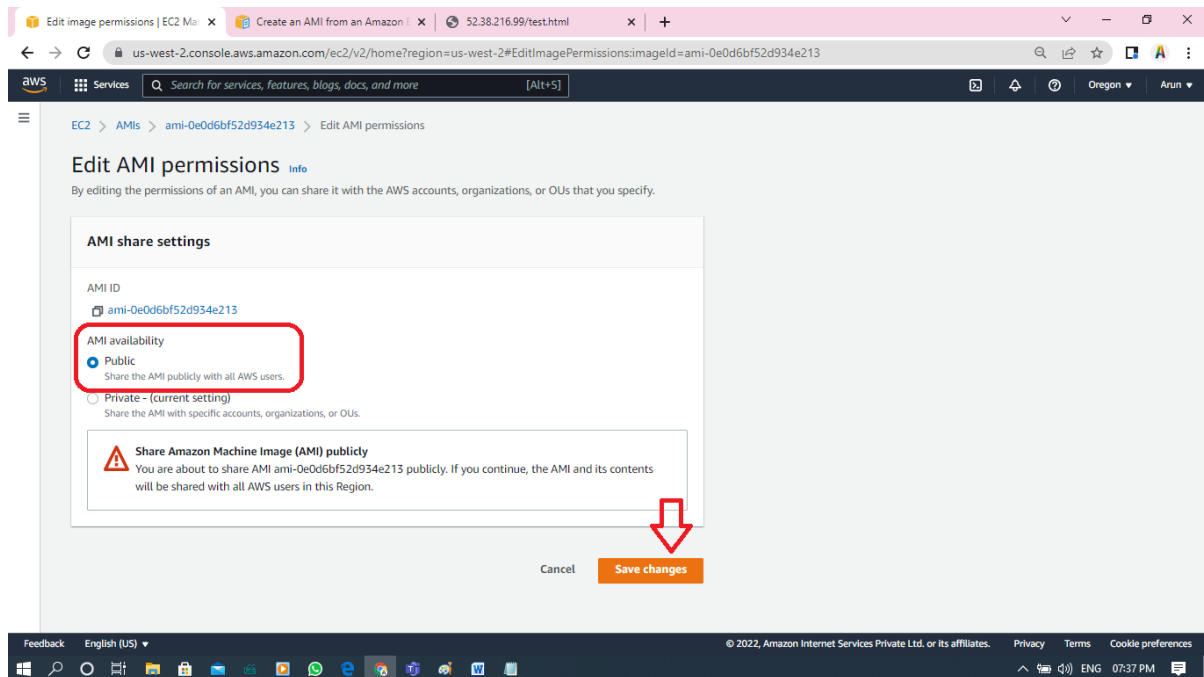
Step 8 : Now create New Linux instance using this AMI ID .
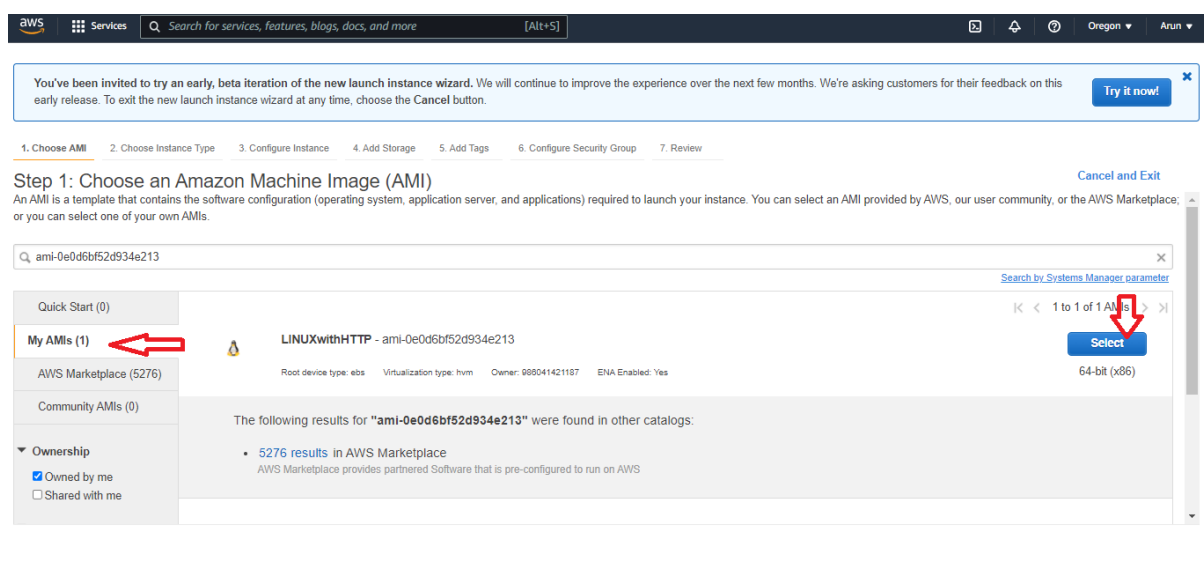
Step 9: Launch the Instance

Step 10 : goto PublicIP of Newly created Instance, in this case https://54.185.111.62/test.html


Successfully created.

Now Some Important points,

1. **Public AMI**

   After you make an AMI public, it is available in **Community AMIs** when you launch an instance in the same Region using the console. Note that it can take a short while for an AMI to appear in **Community AMIs** after you make it public. It can also take a short while for an AMI to be removed from **Community AMIs** after you make it private again.
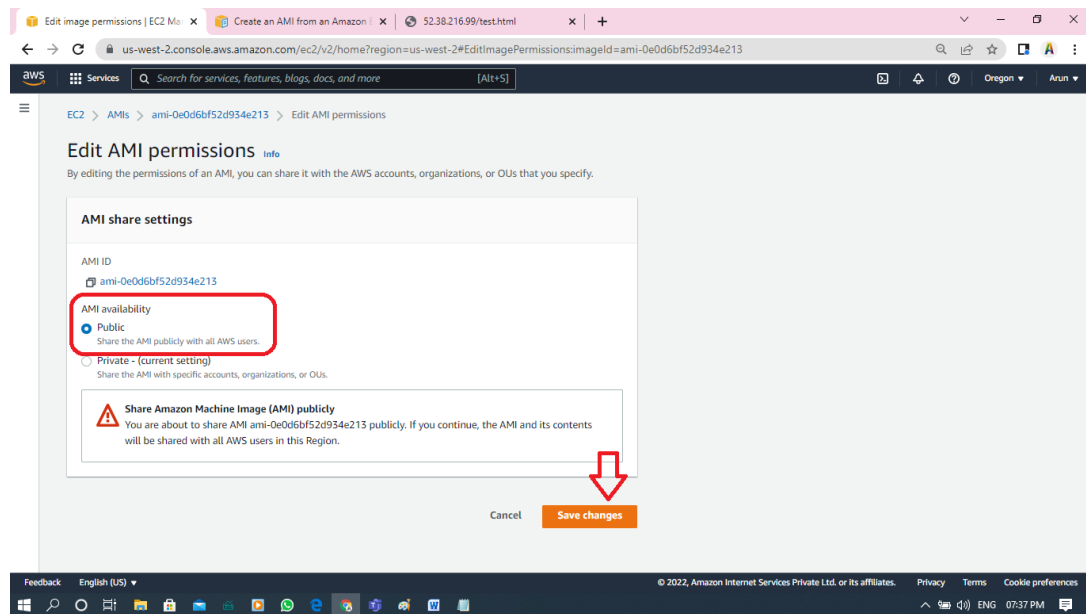
2. **Private AMI**

   You can use private image builds to let buyers purchase your installable software products through AWS Marketplace, and then install those products on a gold image or Amazon Machine Image (AMI) they choose from the images available to their AWS account.
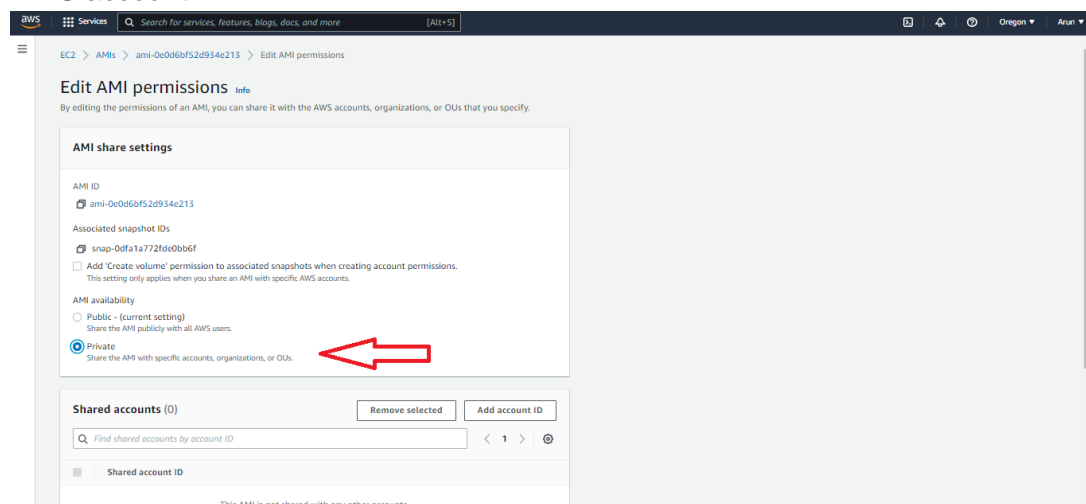
In Private AMI there is two options,

1. You may give permissions to selected Account IDs

2. Deny Permissions to selected Account IDs

Also, There is another point to remember is If you do any changes in parent image it won't changes in child images irrespective of public and Private.