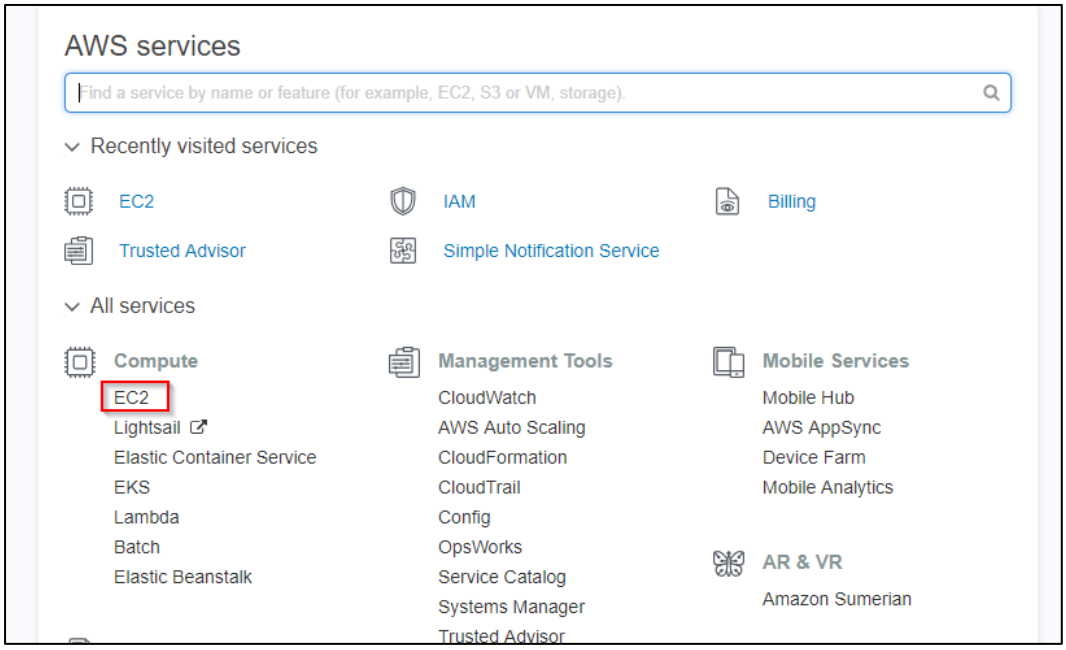
Module 7: High Availability, Fault Tolerance And Disaster Recovery

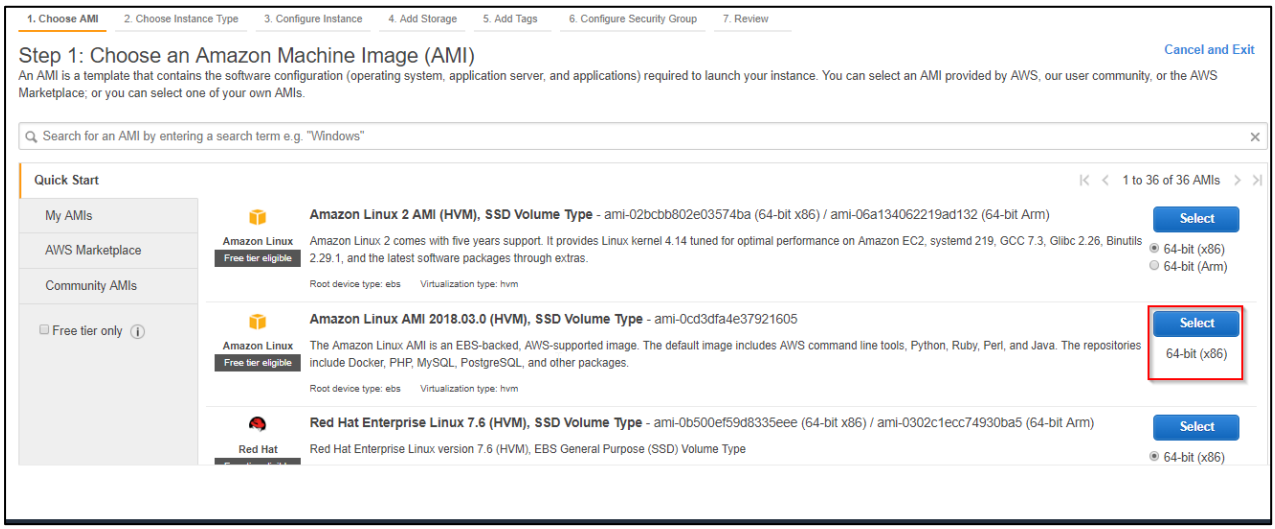
Demo Document 1

Cretaing An Custom AMI

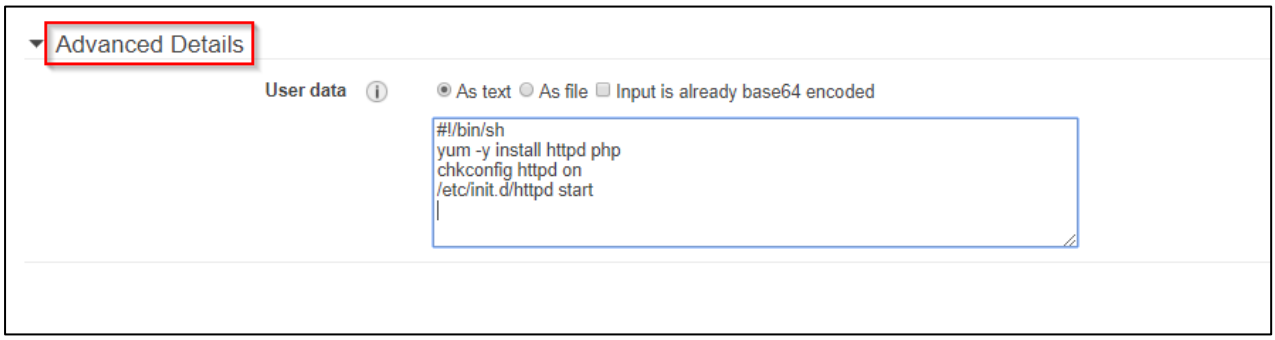
Step 1: Go to AWS Management Console, select ***EC2*** instance



Step 2: Select ***Amazon Linux AMI*** and ***t2. Micro instance type***

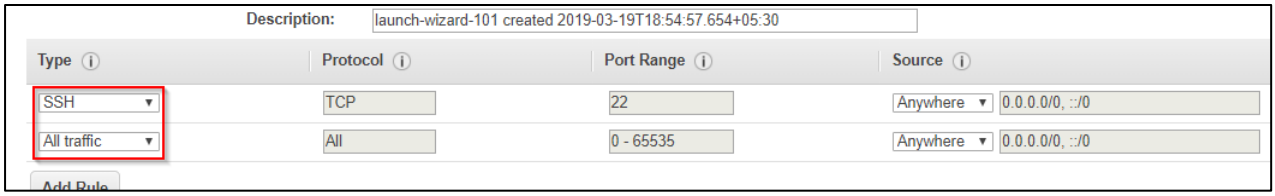


Step 3: Click on ***Advanced Details*** and and enter the below commands to install httpd php website on the instance

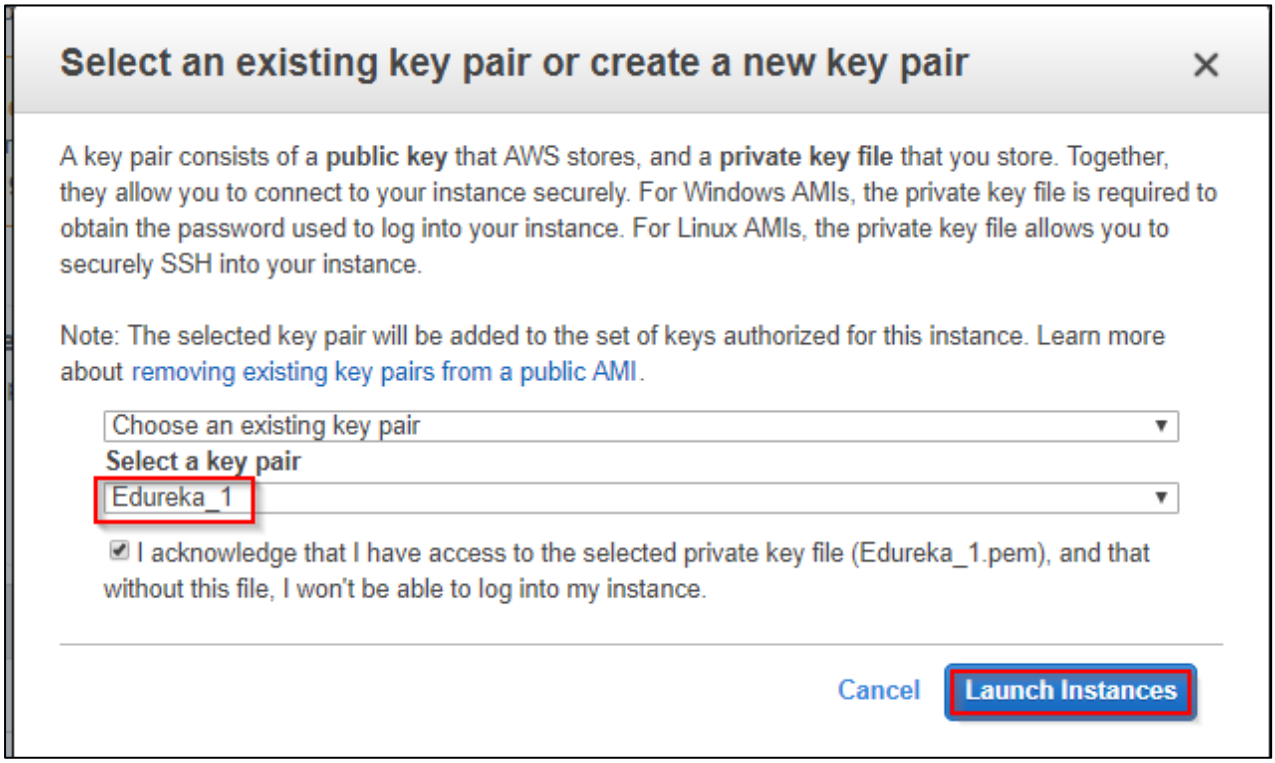



```
#!/bin/sh yum -y install httpd php
chkconfig httpd on
/etc/init.d/httpd start
```

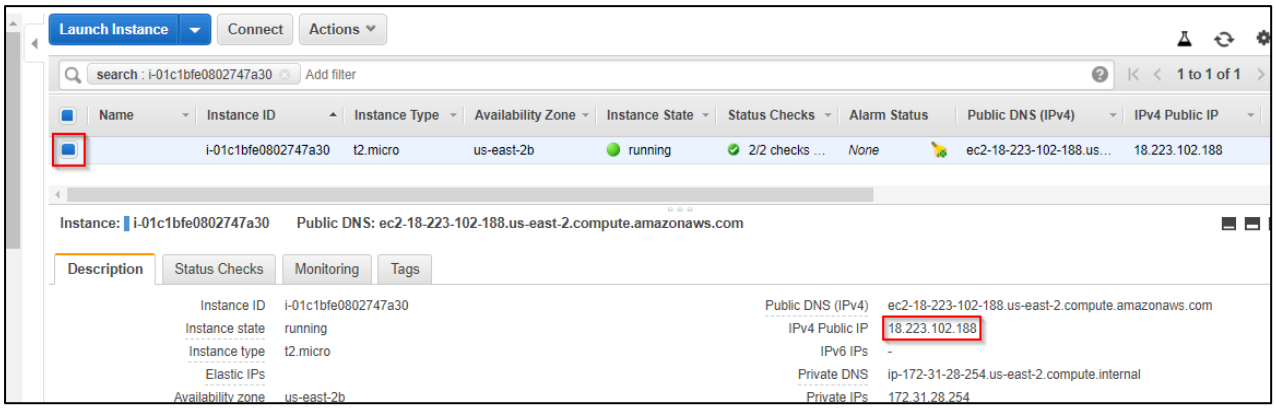
Step 4: Select the ***security type*** and change source to ***Anywhere***



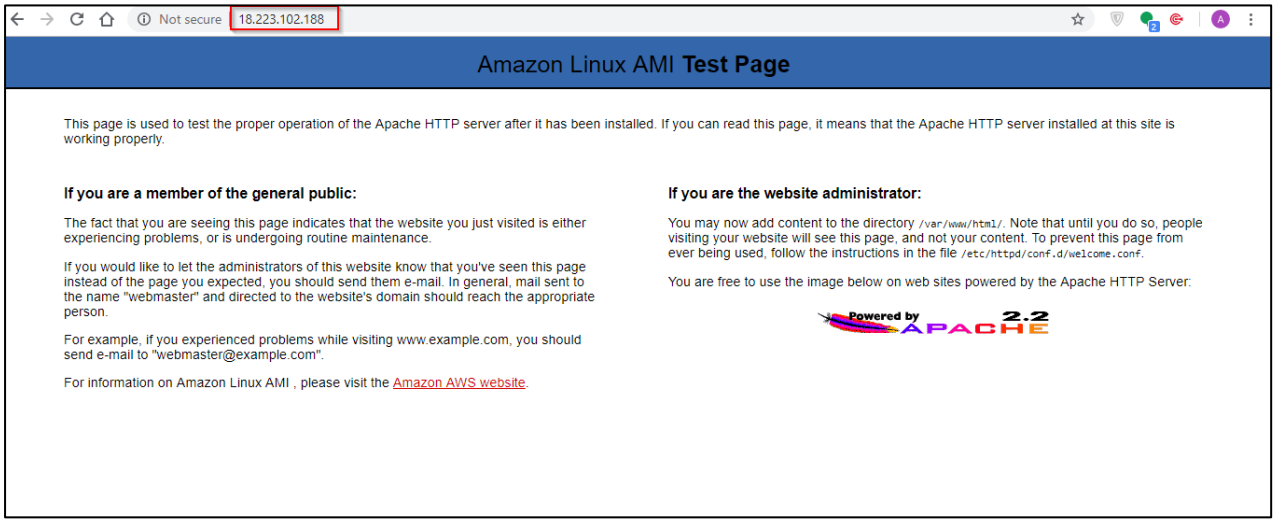
Step 5: Configure your existing ***key-pair*** or create a new one (on creating new key-pair do download it)



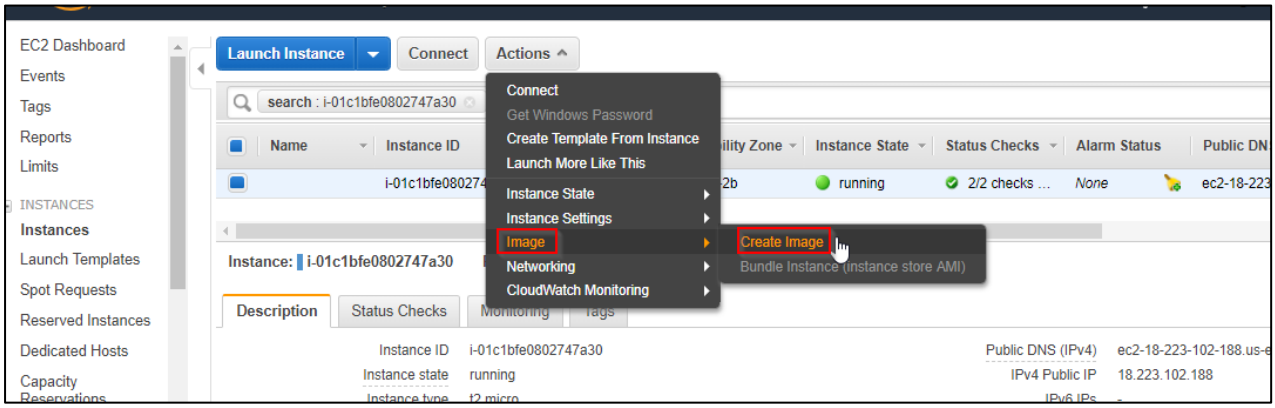
Step 6: Check the ***status*** of instance and the moment it turn to green ***copy*** the IP address



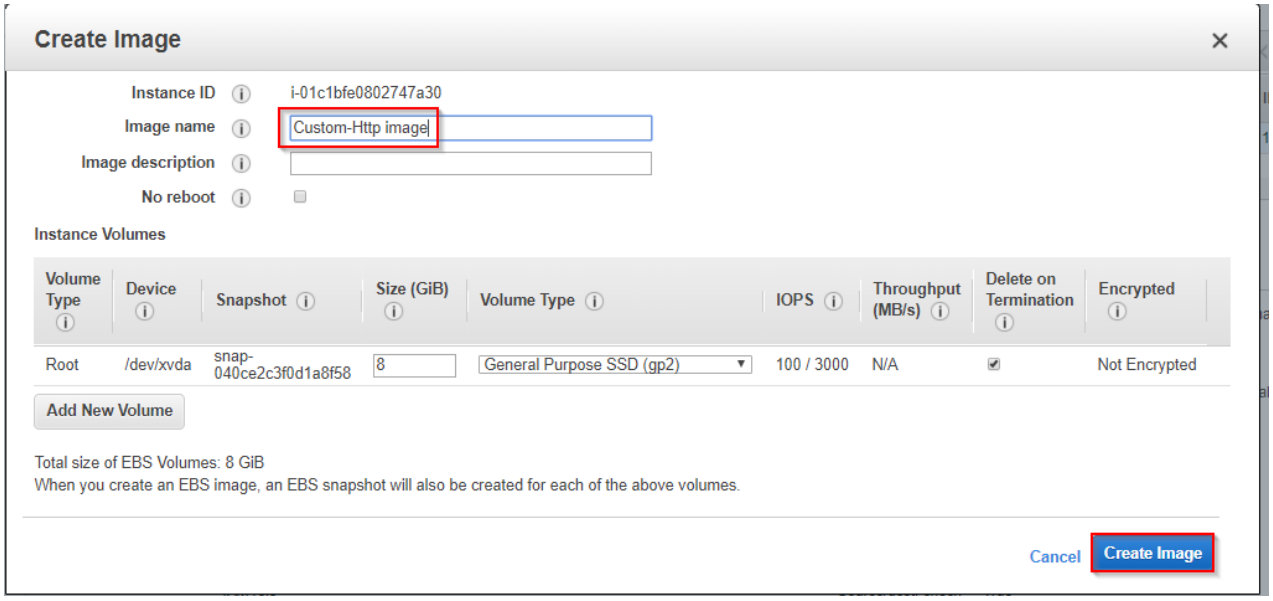
Step 7: ***Browse the IP address*** to verify the installation of website



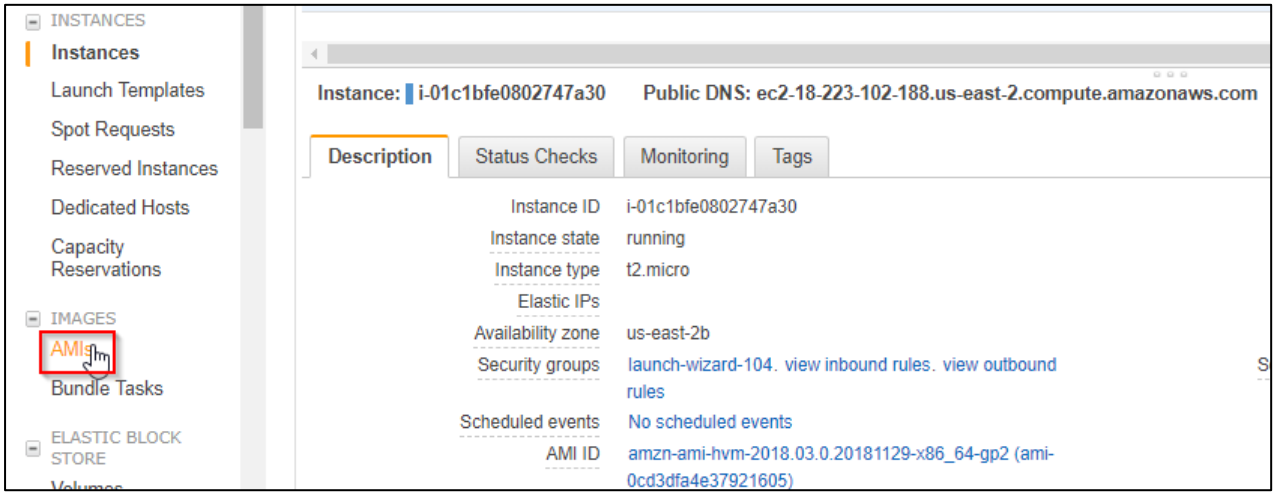
Step 8: To create an custom AMI of running application or website click on ***Action>Image>Create Image***



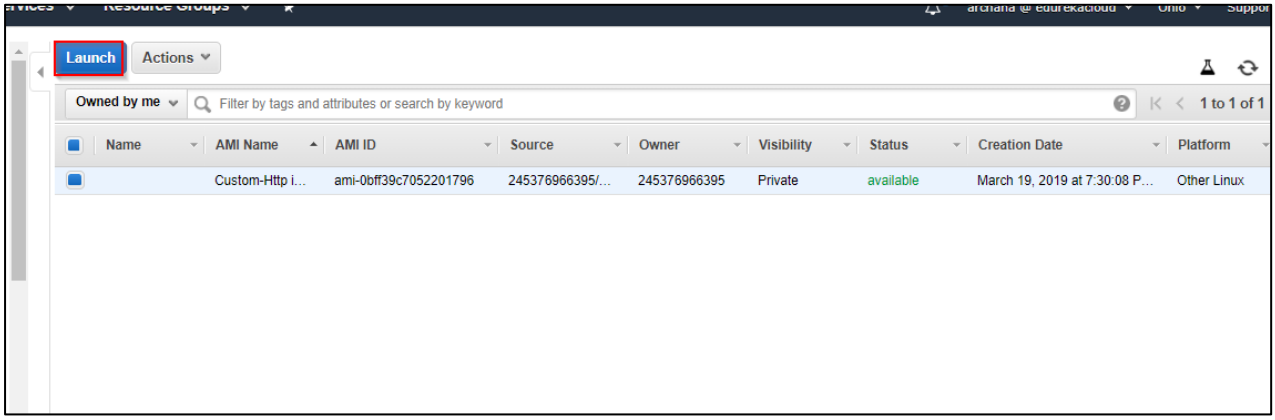
Step 9: Enter an ***Image name*** and click on "create image"



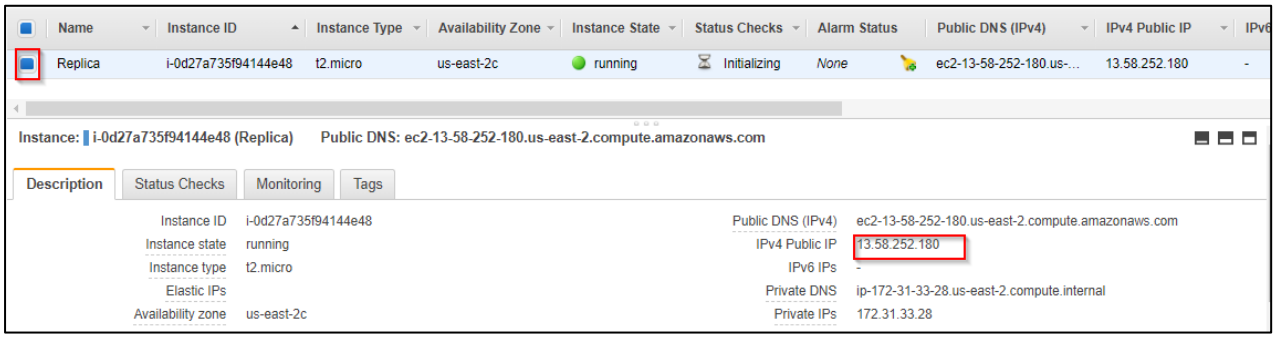
Step 10: In the left navigation panel select "AMI's"



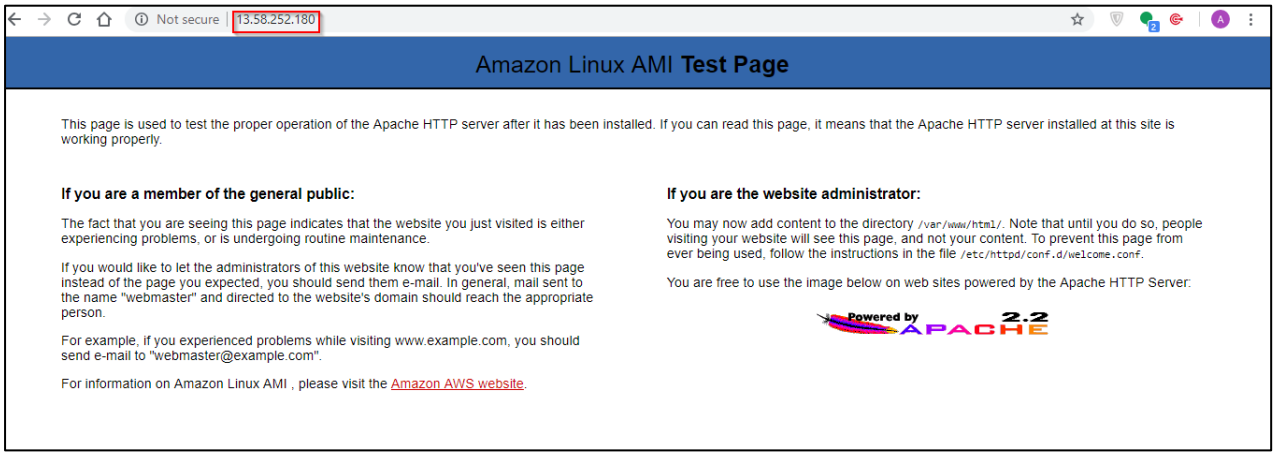
Step 11: configure the instance and finally click on “Launch”



Step 12: ***Copy*** the ***IP address*** of new instance (custom AMI)



Step 13: ***Browse the IP address*** to verify the replication of the instance



Conclusion:

We have successfully created Custom Amazon Machine Image