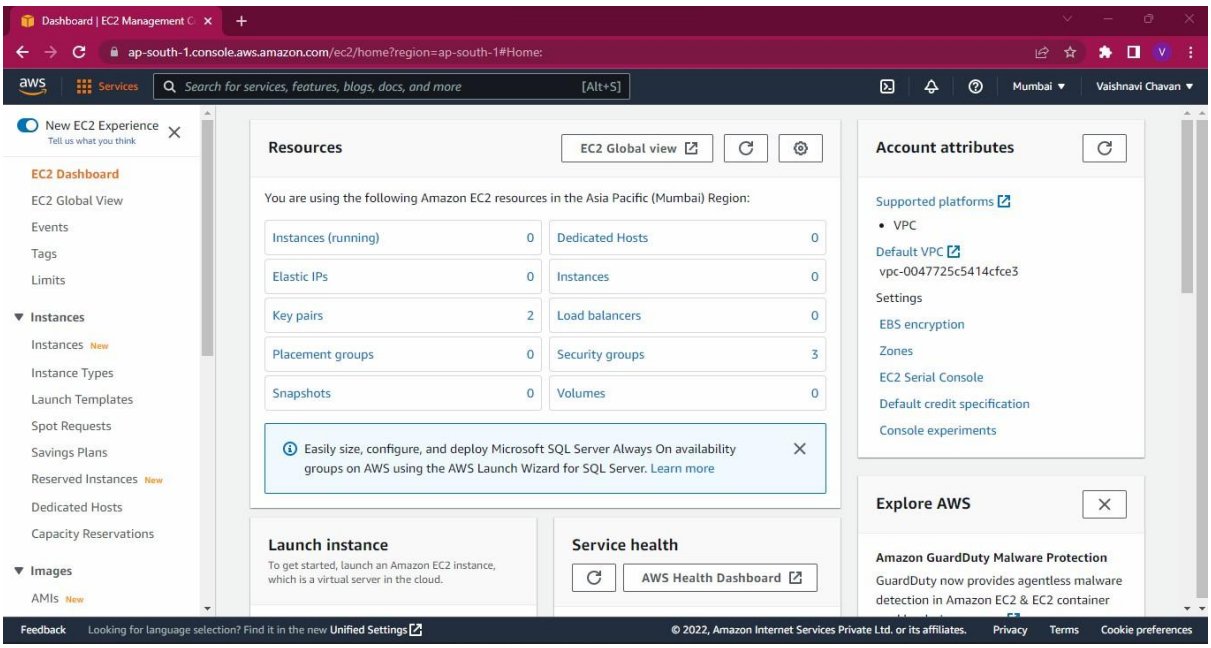
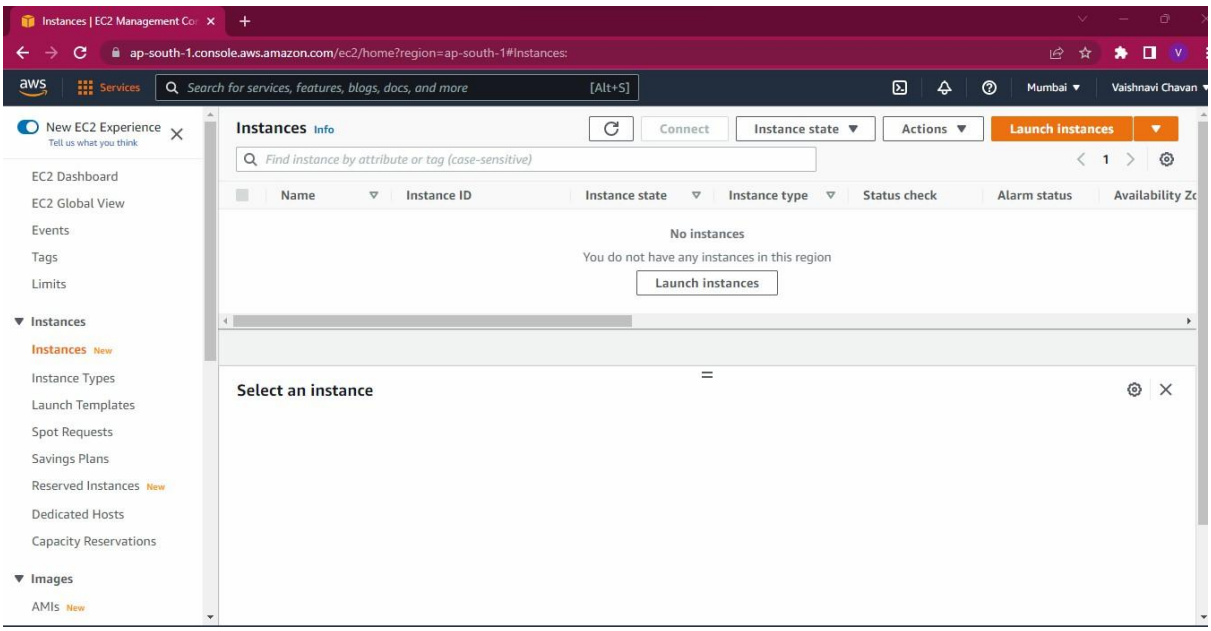
Aim: Create Amazon machine instance on EC2 using Amazon Linux image.

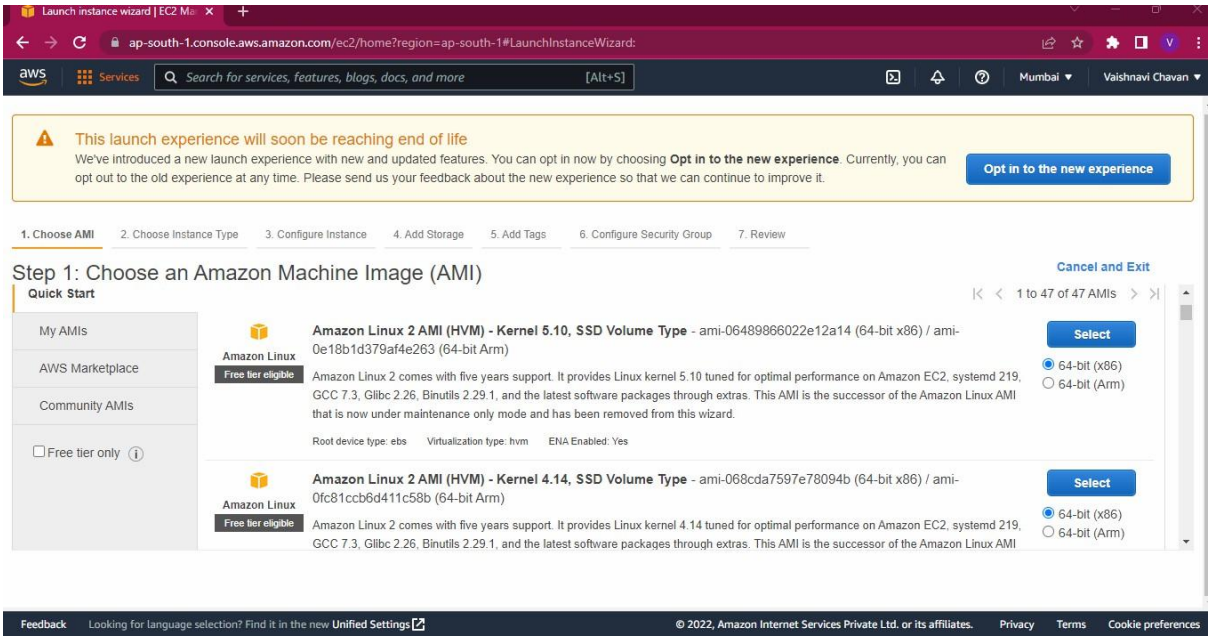
Step 1: To create instance on EC2, click on **EC2** then **Launch Instance**.



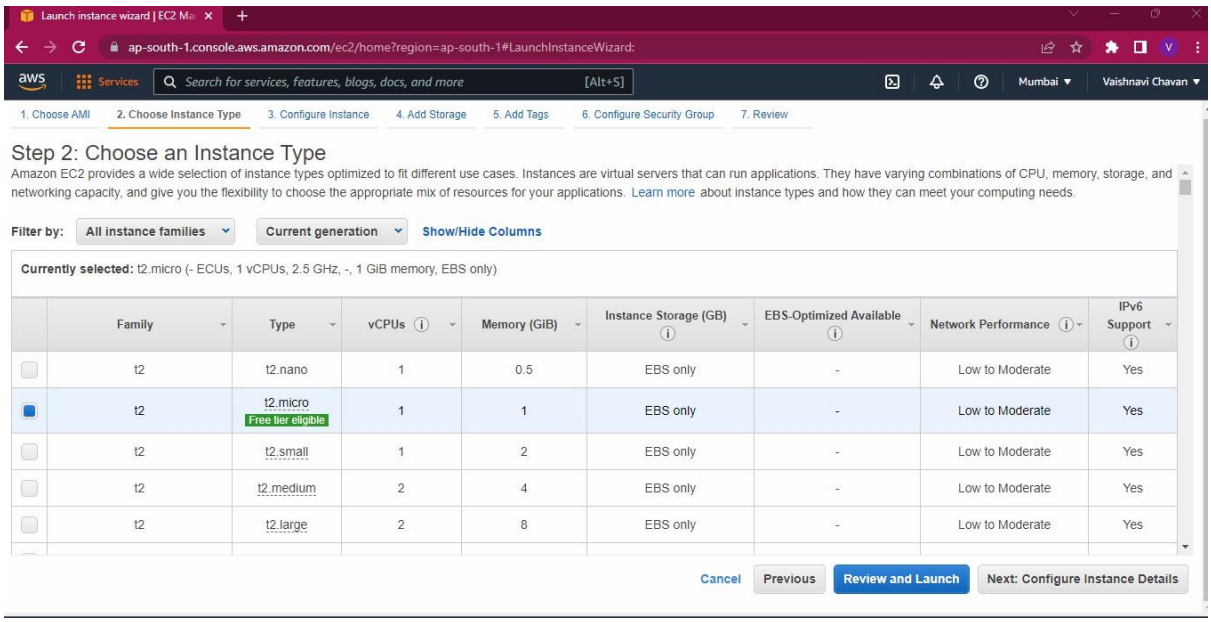
Step 2= In step 2 click on launch instances .



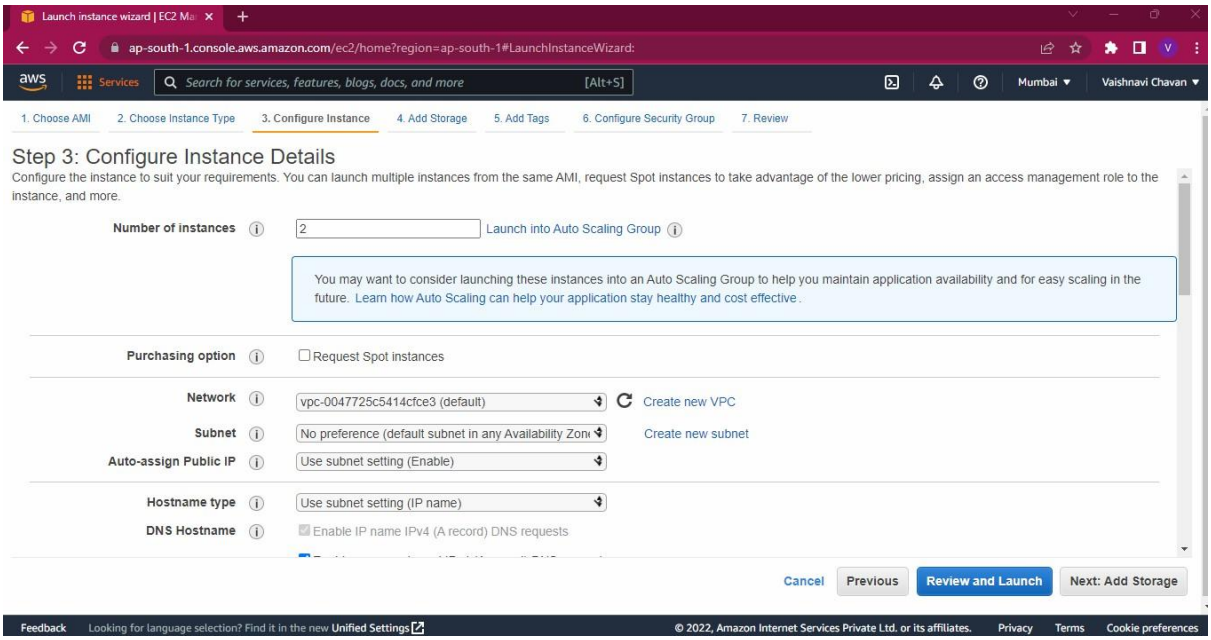
Step 3 = We have to opt in to the new experience and also choose an Amazon Machine Image (AMI). Choose free tier eligible Amazon Linux. Then click on select.



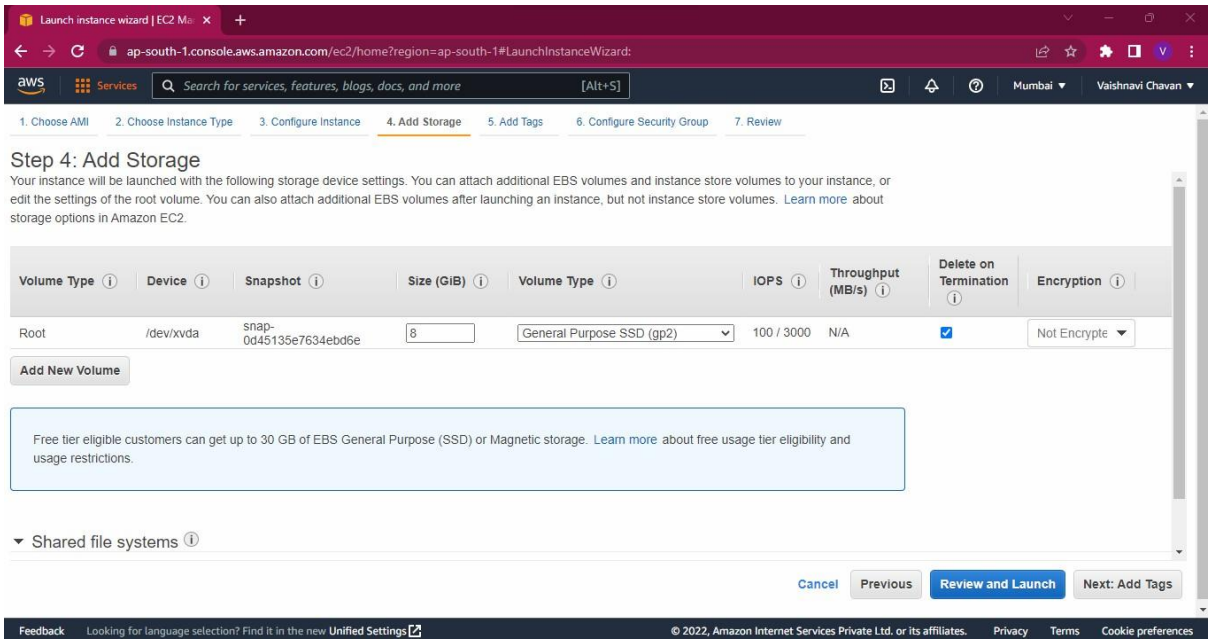
Step 4 = In step 4 Choose an Instance Type . Choose t2 micro free tier eligible then click on configure instance details.



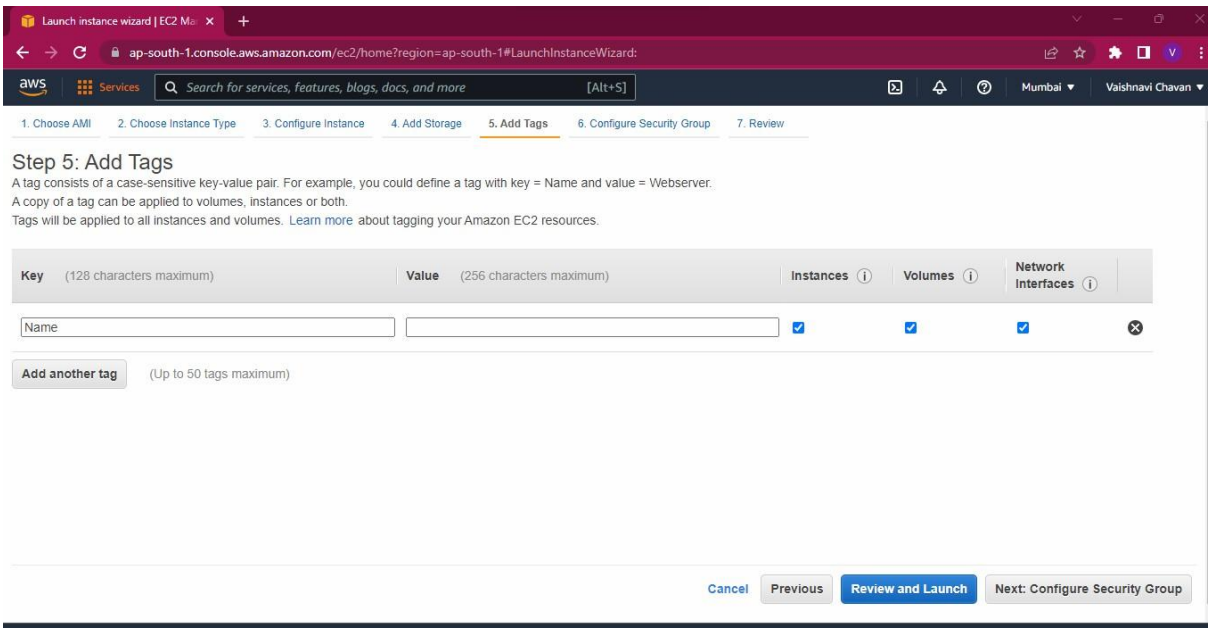
Step 5= In step 5 we have to configure instance details. We have to select no of instances 2 then network ,subset ,hostname type, DNS hostname keep as it is there will be no any changes .Then click on Add Storage.



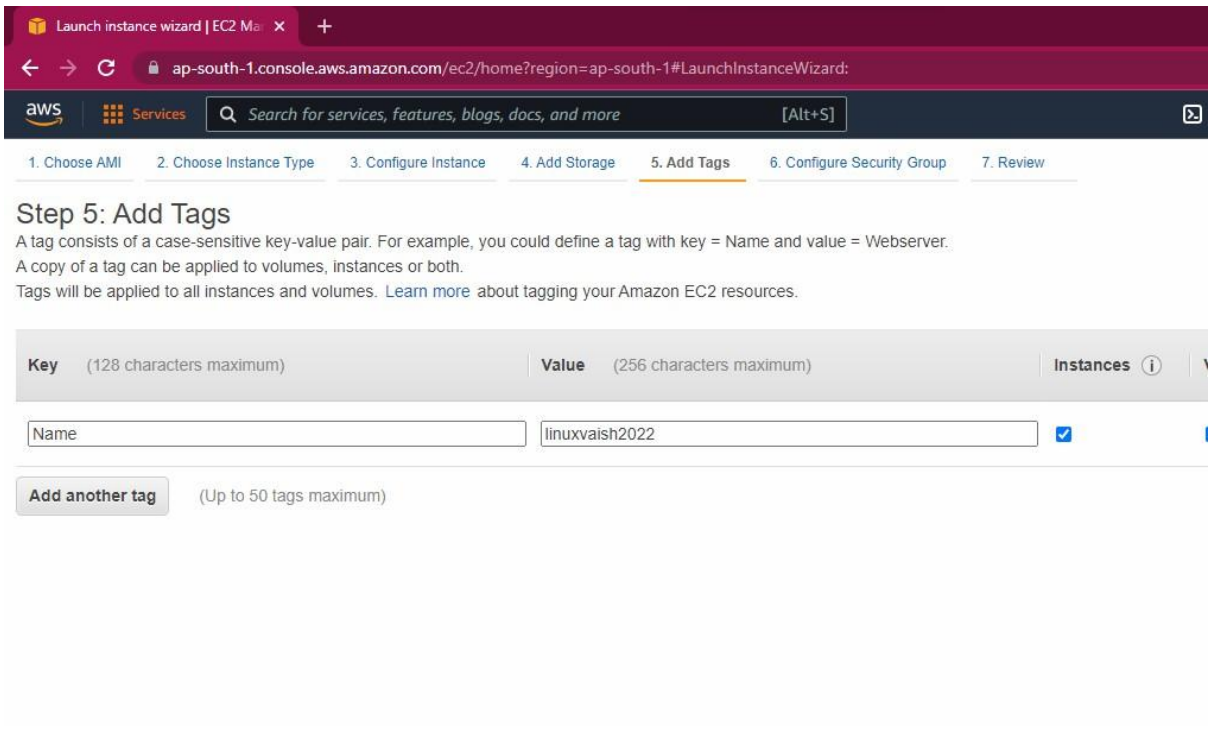
Step 6= In step 6 our instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance or edit the settings of the root volume .You can also attach additional EBS volumes after launching an Instance. There will be no any changes in this tab. Click on Add tags.



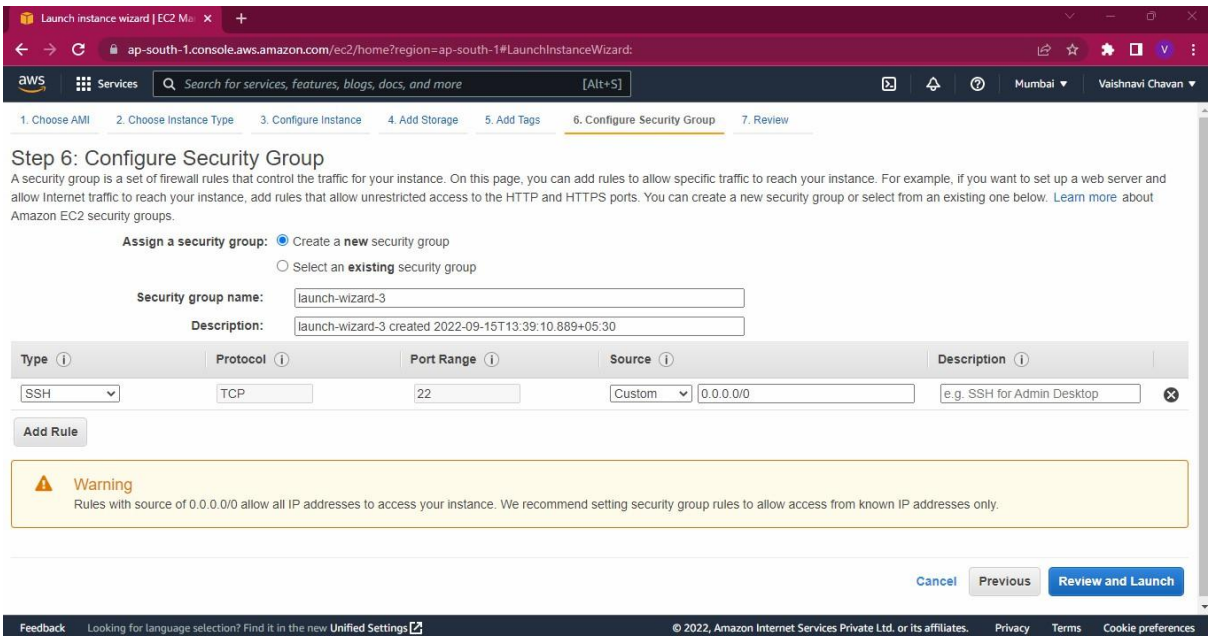
Step 7= Click On Name of tag. Which are in middle. Then below window will open. A tag consist of a case sensitive key value pair.



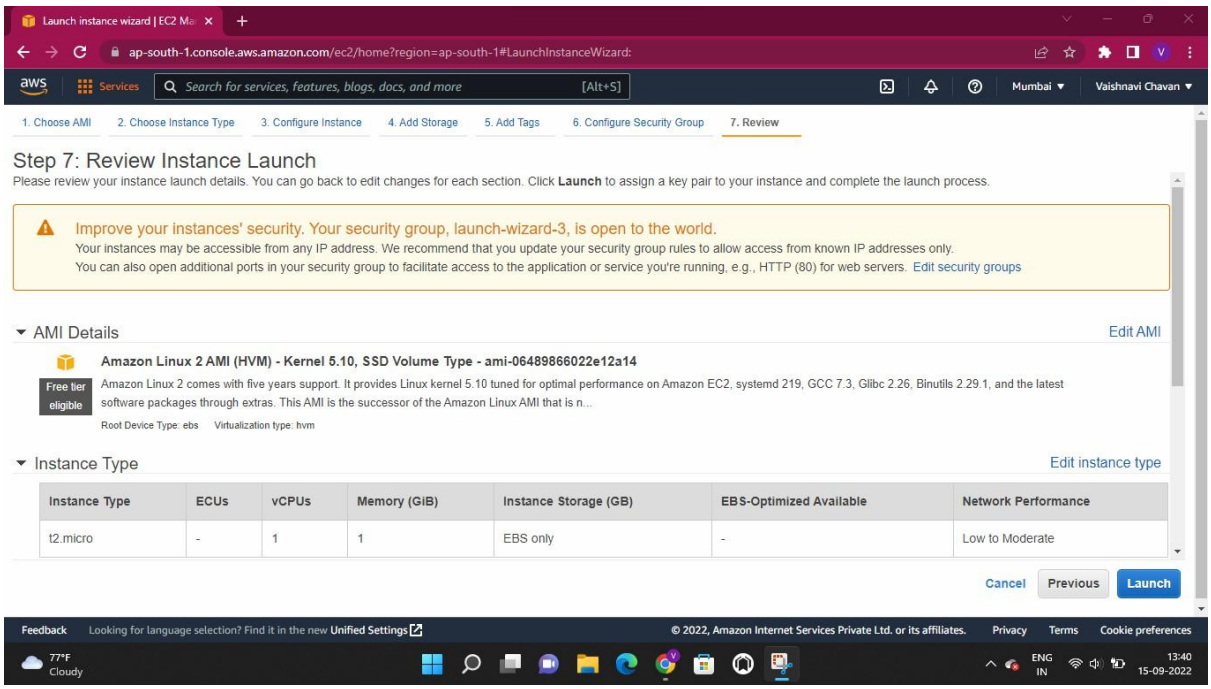
Step 8= In this step Add value e.g. linuxvaish2022. Then click on configure security group.



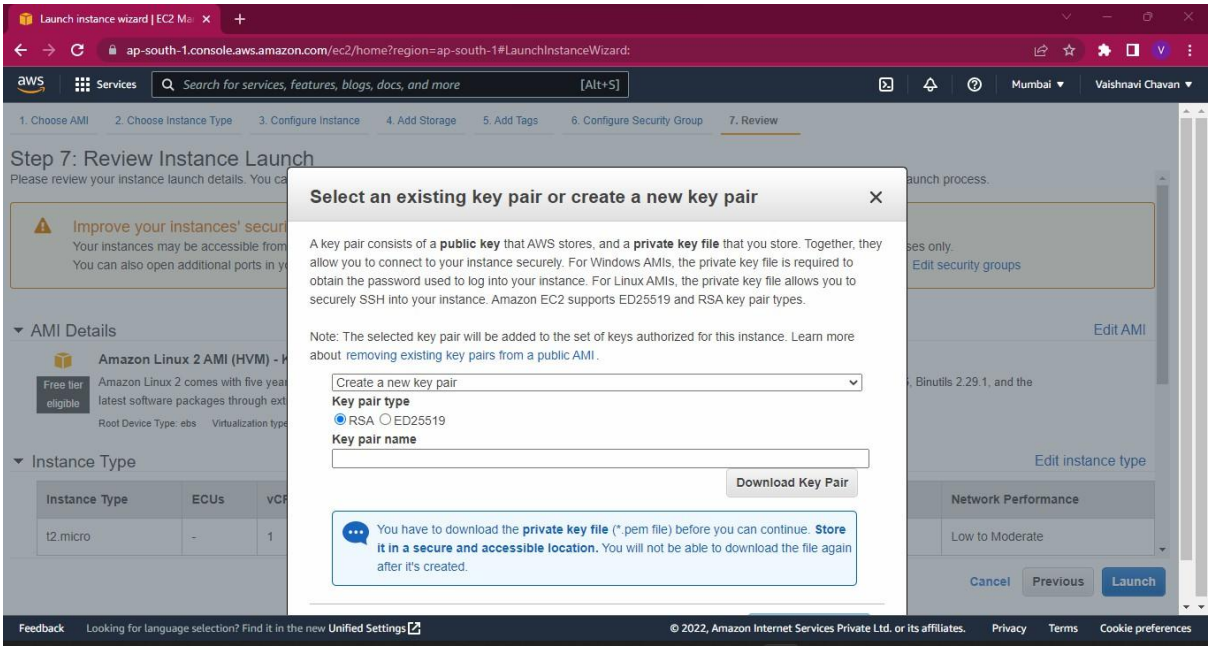
Step 9 =A security group is a firewall rules that control the traffic for your instance. On this page you can you can add rules to allow specific traffic to reach your instance. For Linux you have select type SSH and for windows we have select type RDP. Keep protocol , port range , source as it is click on review and launch.



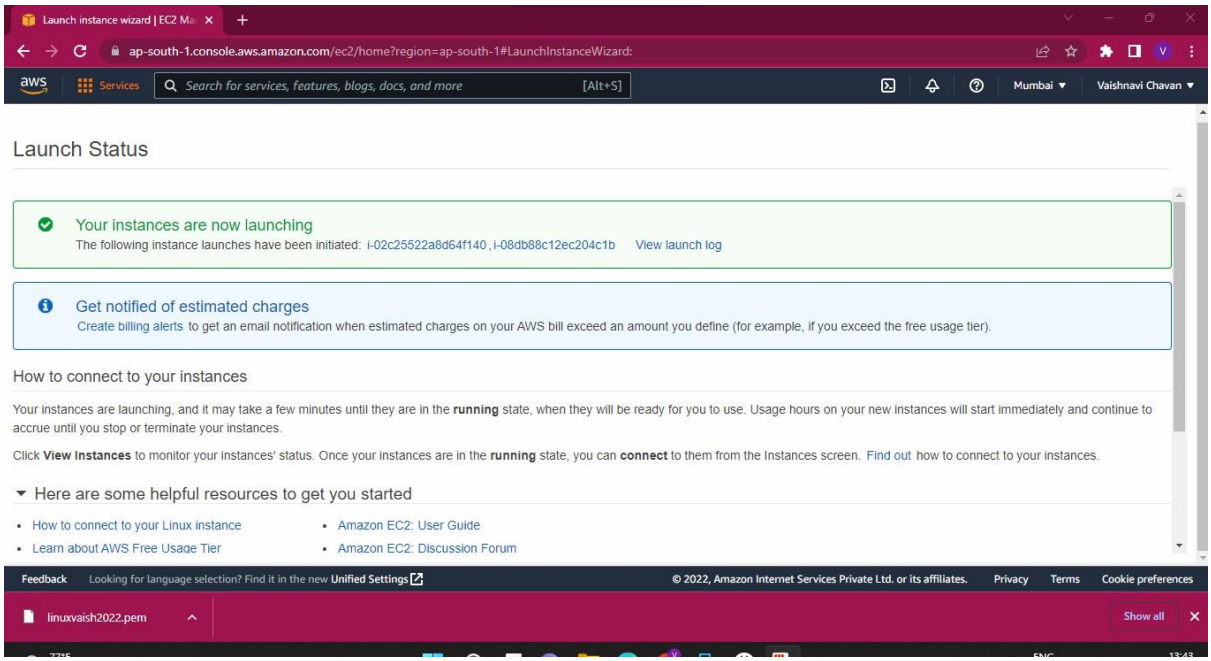
Step 10= In this step just click on launch to launch the instance.



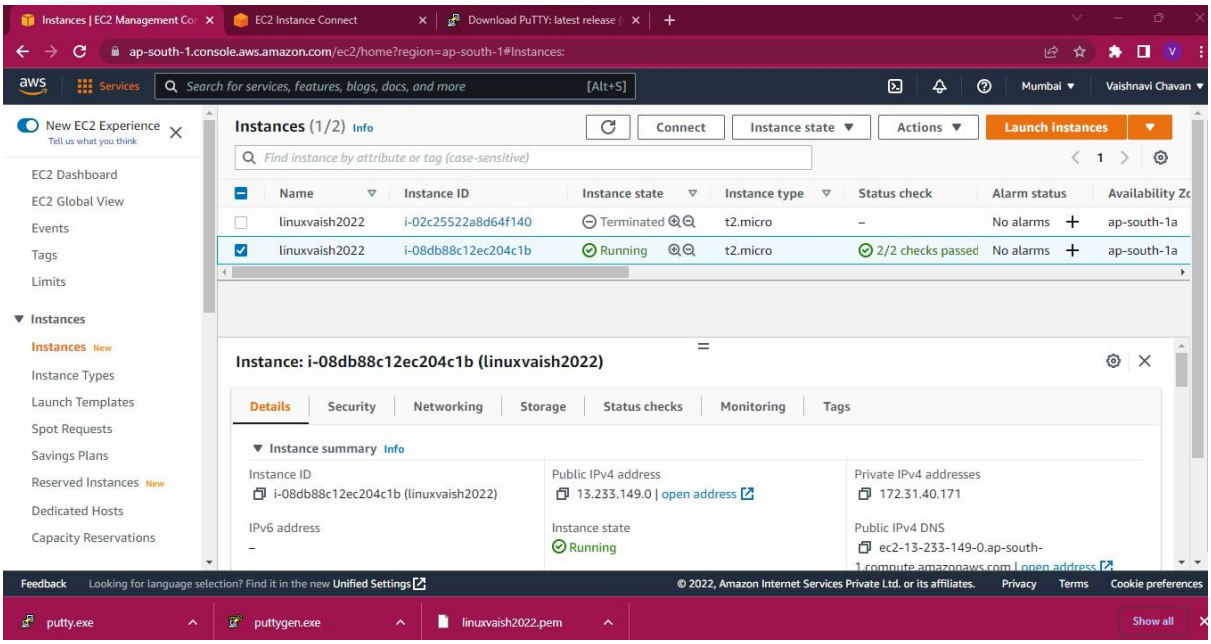
Step 11= In this step select an existing key pair on create a new key pair. Then type key pair name. Download key pair for e.g. linuxvaish2022.pem file we can download here. Then click on launch.



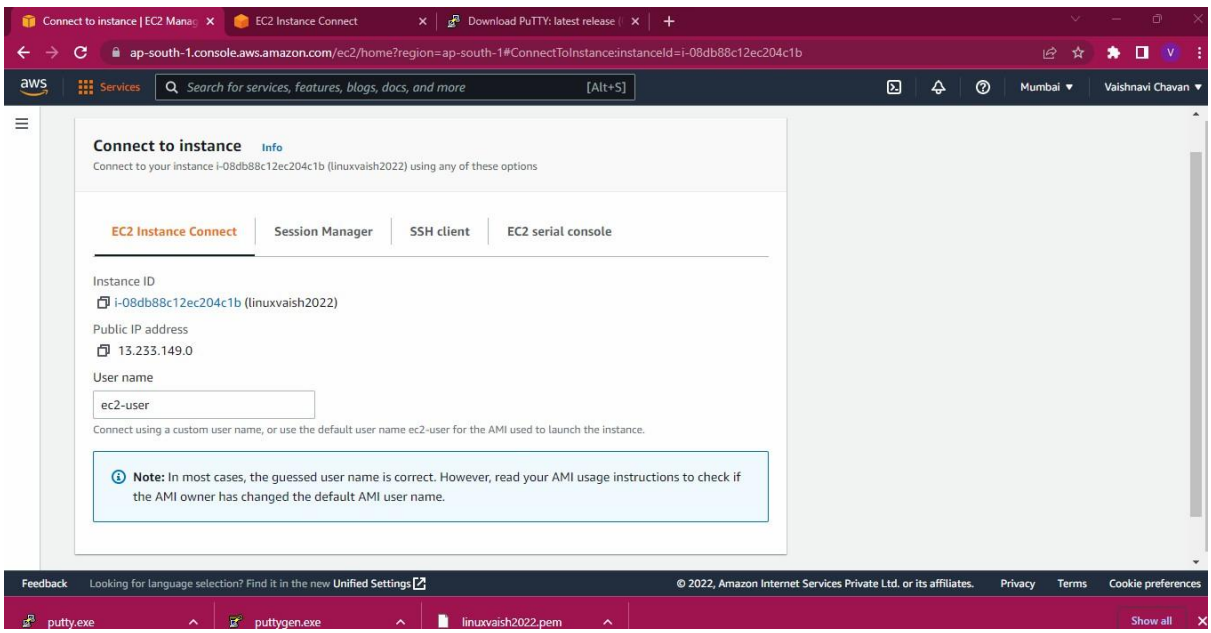
Step 12 = In this step your instances are now launching then go to the view instances. Then we are came to the home page were our instances are created.

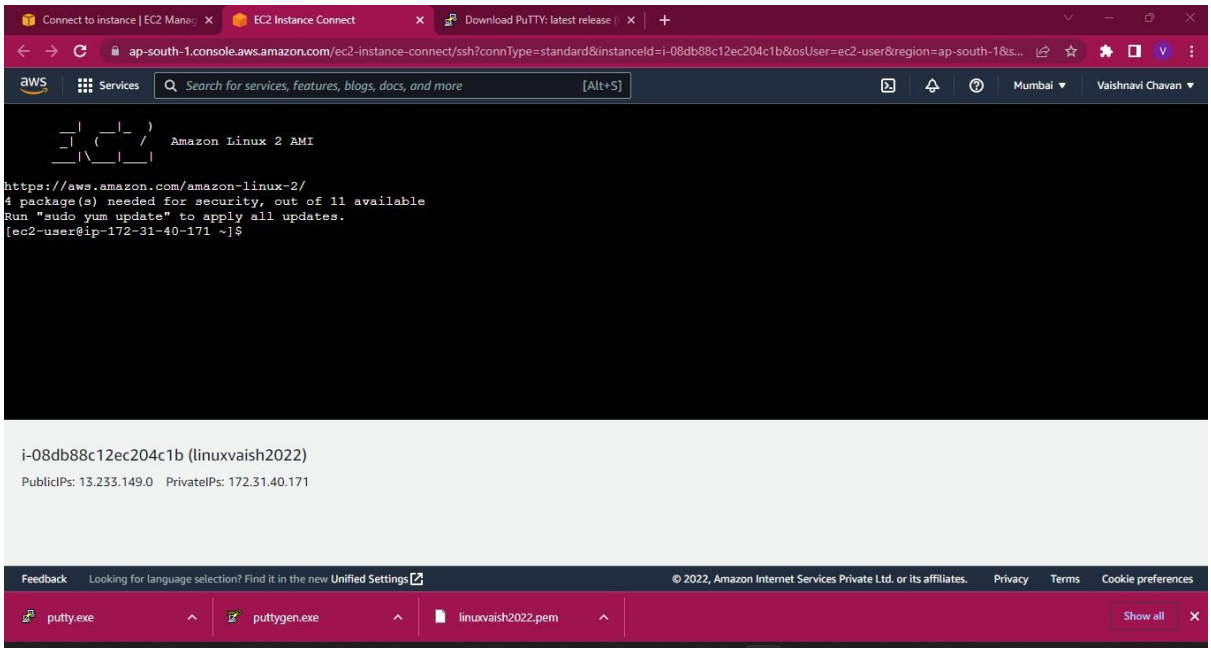


Step 13= Select instances on clicking checkbox. Then click on connect .



Step 14= We have to choose EC2 instance connect then connect. When we select SSH client then download Putty exe. Or Puttygen.exe then click on Putty exe. Then copy path and select type SSH inside it click Auth then browse and select save private key path and then open. Then open Puttygen exe file and load pem file here and save private save which will help in puttyexe file.

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EC2 Instance Connect
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ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?connType=standard&instanceId=i-08db88c12ec204c1b&osUser=ec2-user&region=ap-south-1&s...
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_| (/   Amazon Linux 2 AMI
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https://aws.amazon.com/amazon-linux-2/
4 package(s) needed for security, out of 11 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-40-171 ~]$
i-08db88c12ec204c1b (linuxvaish2022)
PublicIPs: 13.233.149.0 PrivateIPs: 172.31.40.171
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