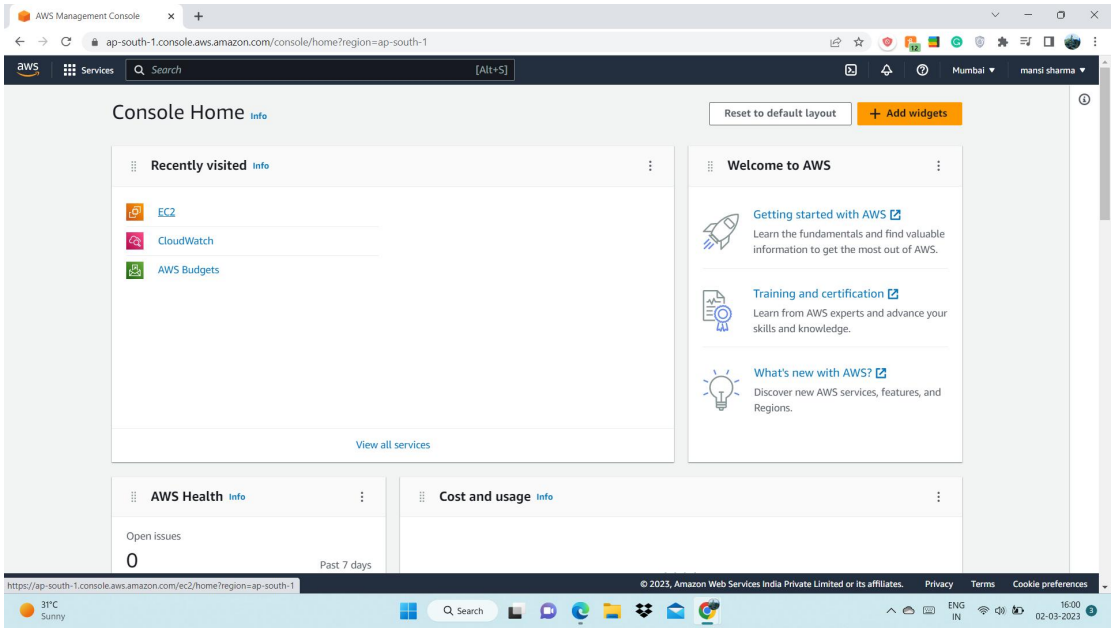
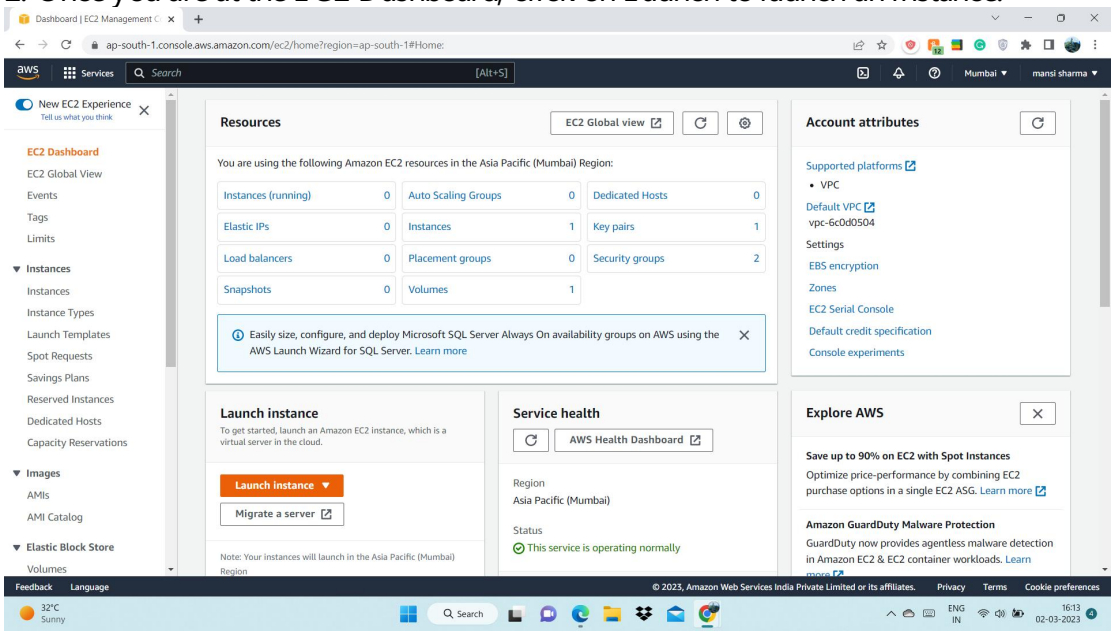
LAUNCHING A LINUX INSTANCE USING EC2

We will create EC2 instance.

1. Log in to your AWS console.
   Search for EC2 in the search bar and click on it.

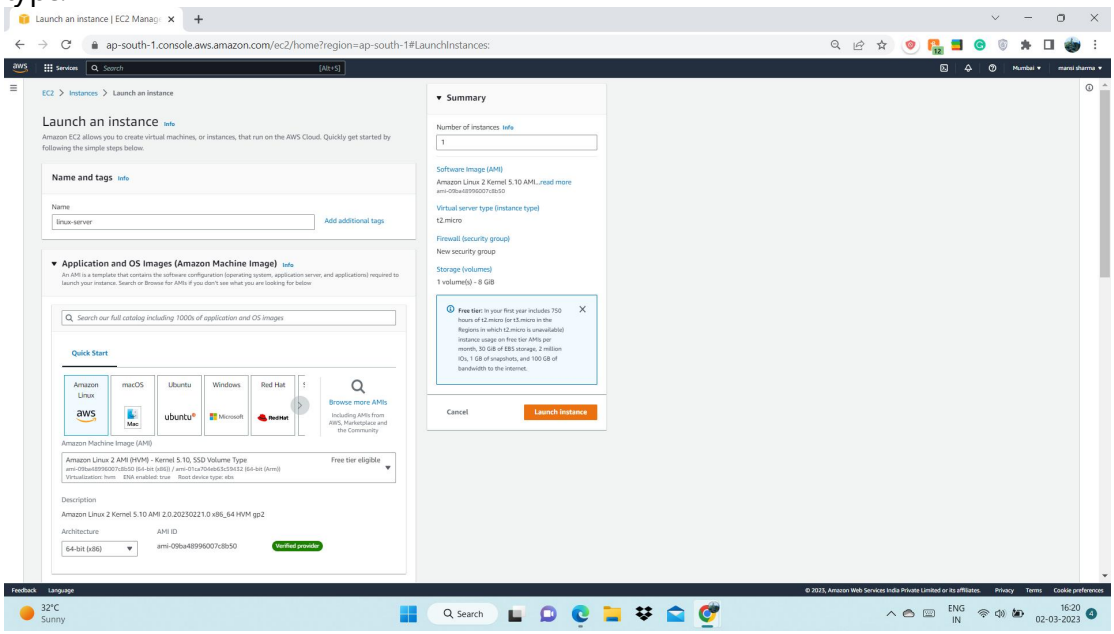


2. Once you are at the EC2 Dashboard, click on Launch to launch an instance.

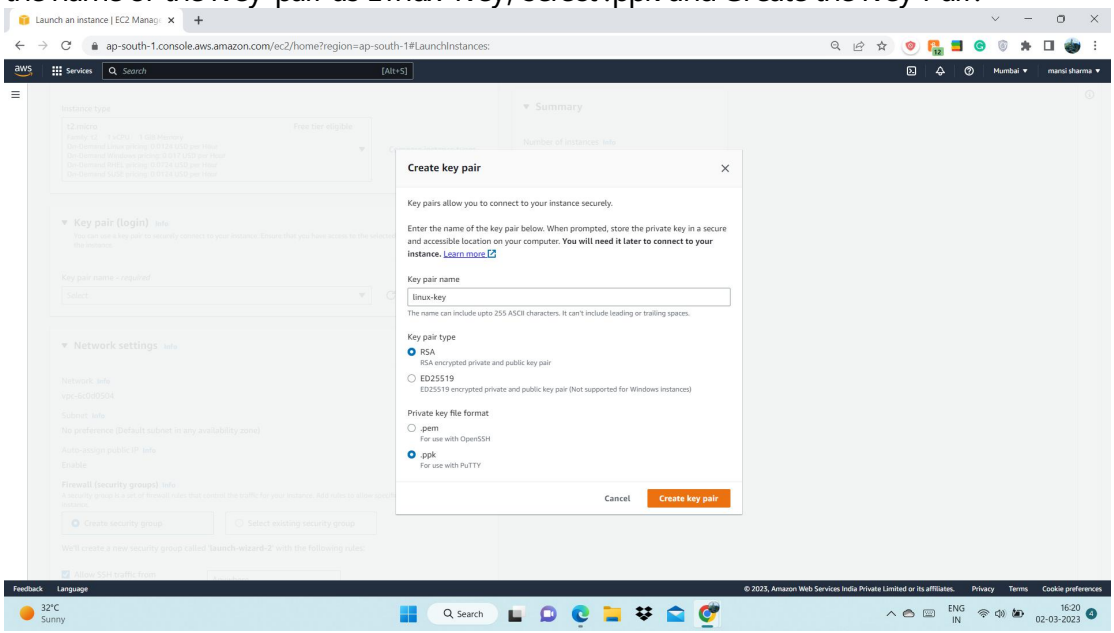


3. In the Name and Tags step you can add tags to an instance, here tags help you to enable categorize AWS resources in different ways, for example, by owner, environment, or purpose.
4. Choose Amazon Linux, select Amazon Linux 2 AMI (HVM) architecture and Click on Select.

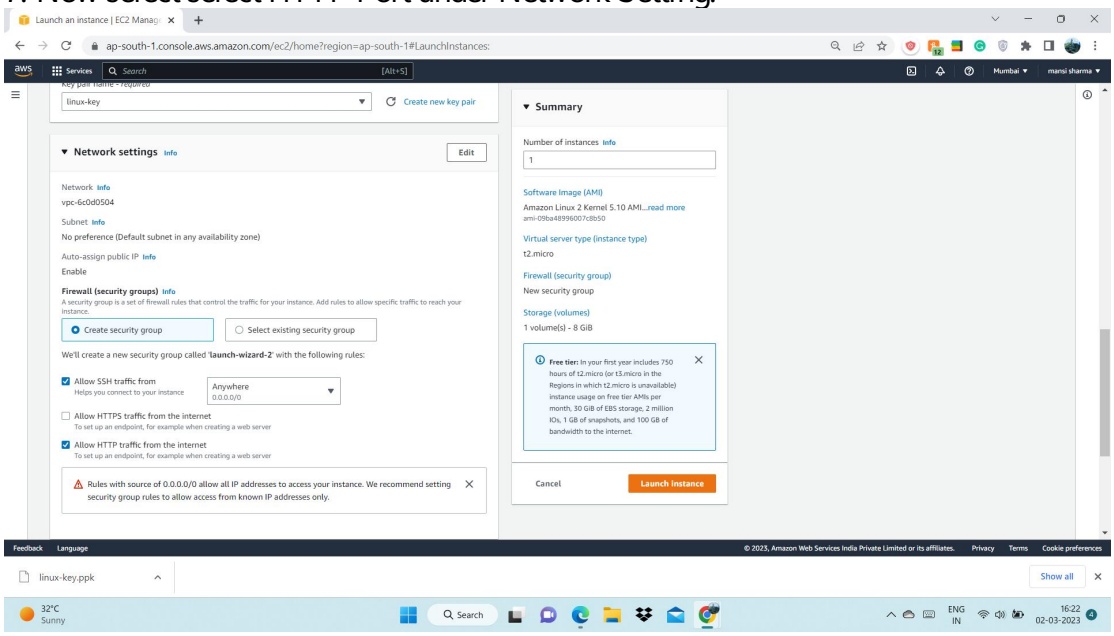
5. For Select the t2.micro instance type.



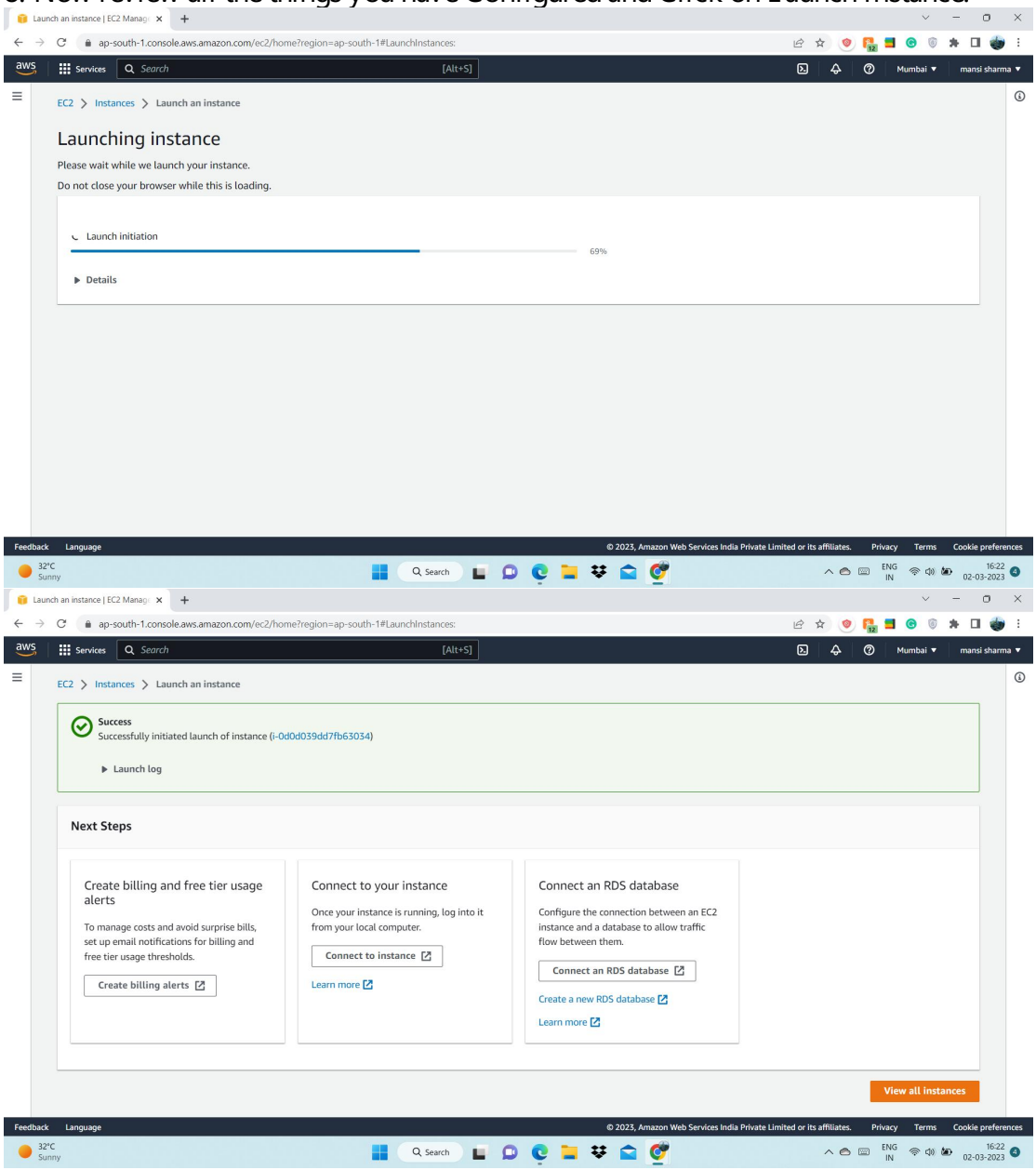
6. Select an existing key pair or create a new one, we will Create a new one, enter the name of the Key-pair as Linux-Key, select .ppk and Create the Key Pair.



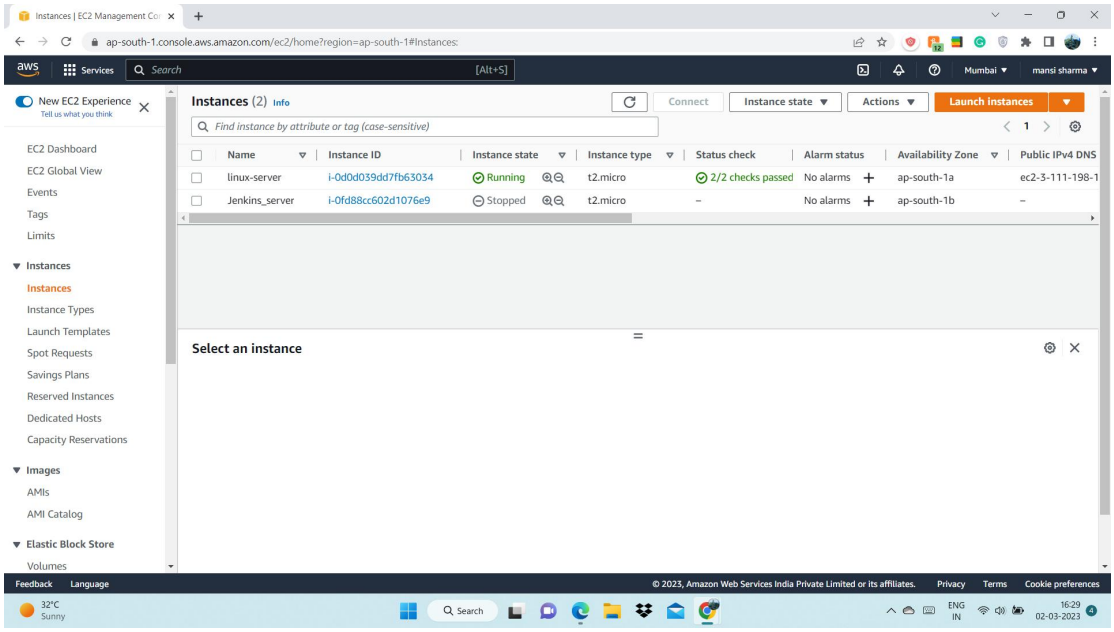
7. Now select select HTTP Port under Network Setting.



8. Now review all the things you have Configured and Click on Launch Instance.



10.Now Click on View all Instances.

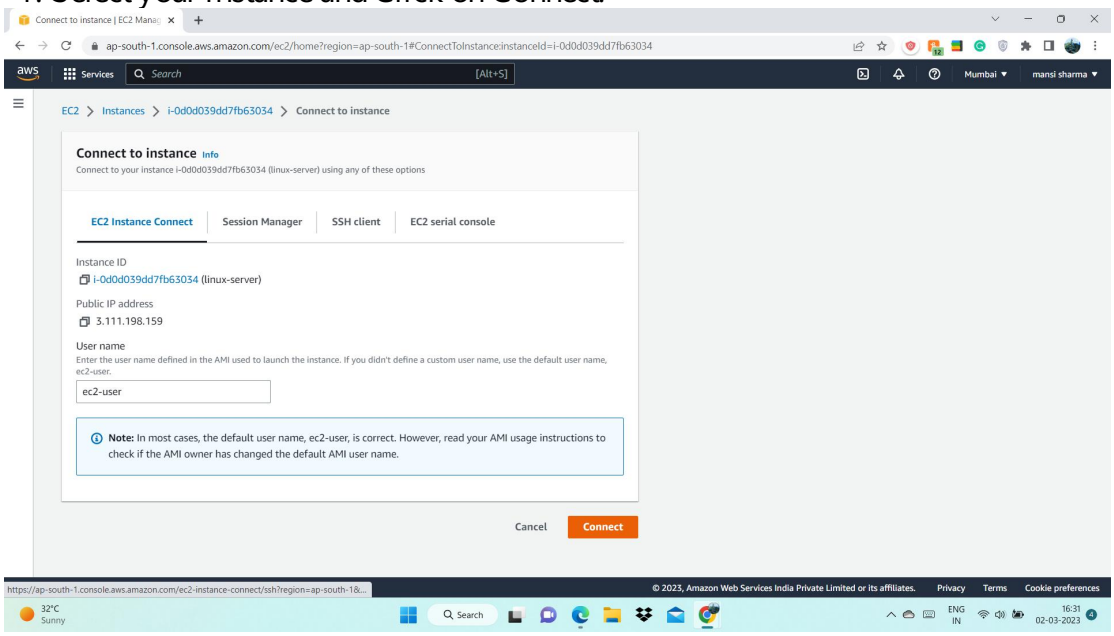


11.Here, you shall see your instance is launching and the Status check is Initializing, wait for some time.

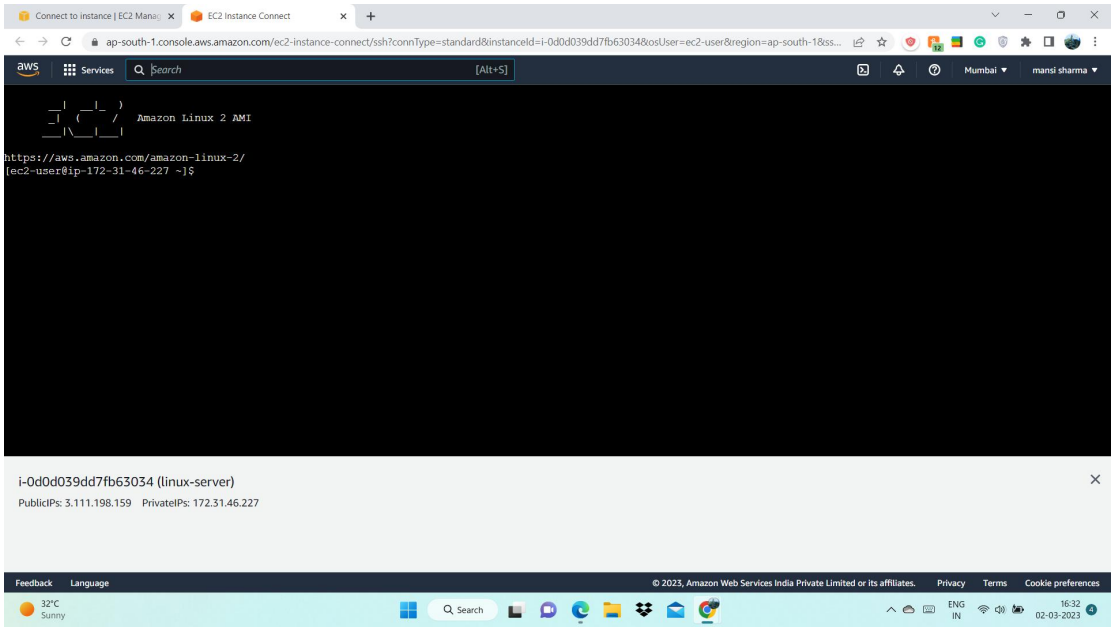
Accessing EC2 Instance Using Browser SSH Connection

Till now, we have launched an instance successfully, but we need to access it to run commands so for accessing our instance the easy way is you can access the CLI directly from the browser using EC2 instance connect that we shall see in further steps.

1. Select your Instance and Click on Connect.



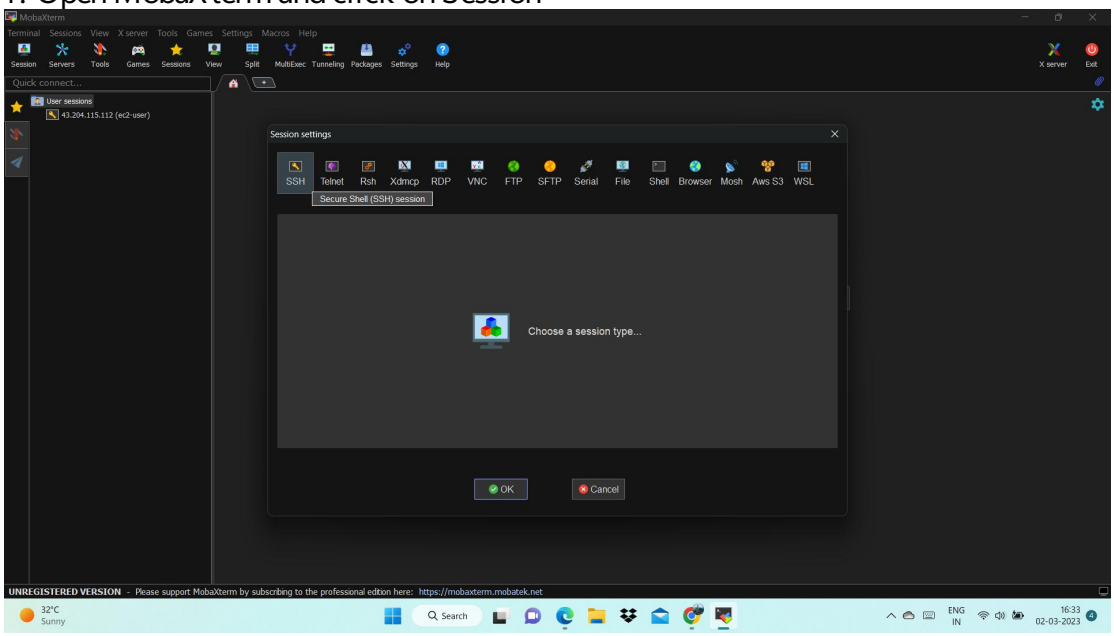
2. Under EC2 Instance Connect, let everything default and Click on Connect.



Now you shall be redirected to new window and you shall see the Linux CLI.

Accessing EC2 Instance Using MobaXterm

1. Open MobaXterm and click on Session

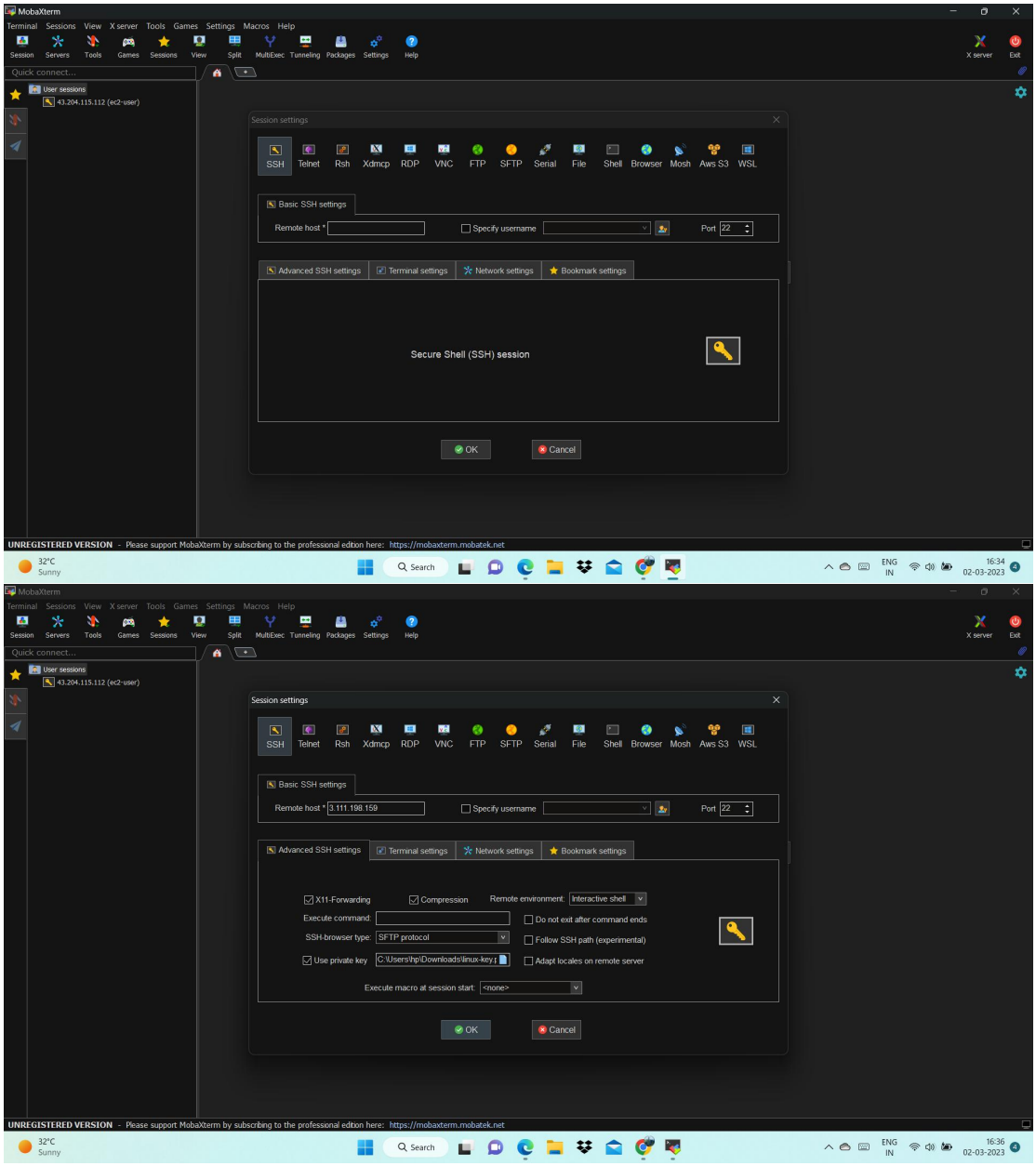


2. A dialog box will open and click on SSH at the top right corner. 3. Now configure basic SSH Settings

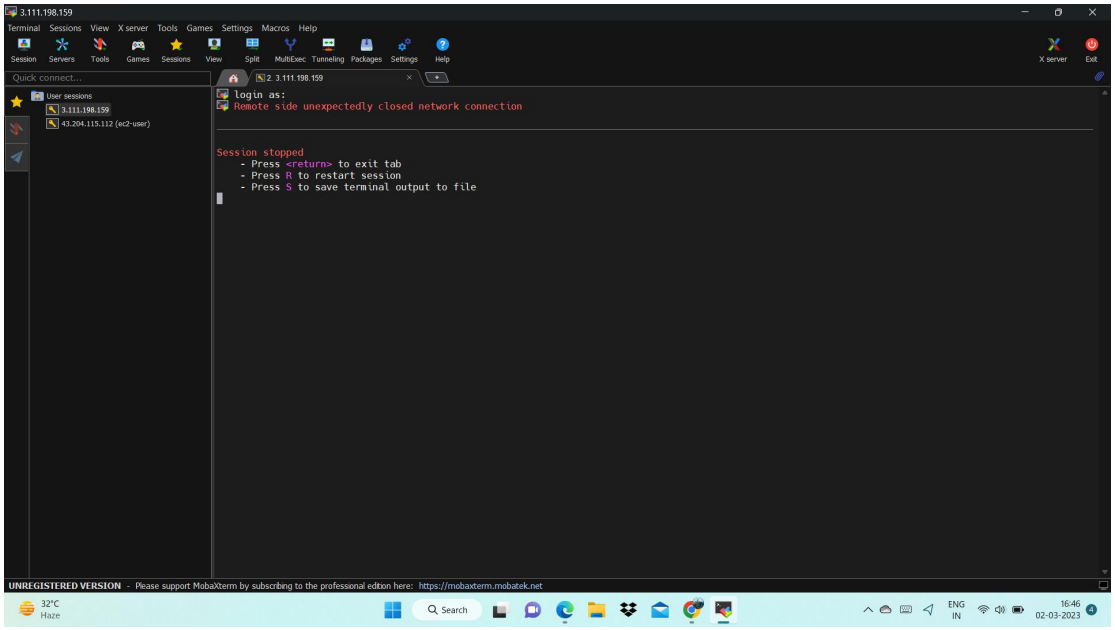
• In the Remote host : Type or Paste the Public IP of Linux Instance • Click on Advanced SSH settings

• Click on Use private key checkbox and provide your private (ppk)

• Finally click on OK



3. You will be logged in to the Linux Instance as shown below. Thus we have successfully logged in to the Linux Instance using MobaXterm.


3.111.198.159
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
X server Exit
Quick connect...
User sessions
3.111.198.159
43.204.115.112 (ec2-user)
2. 3.111.198.159
login as:
Remote side unexpectedly closed network connection
Session stopped
- Press <return> to exit tab
- Press R to restart session
- Press S to save terminal output to file
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