SOLUTIONS ARCHITECTING ON CLOUD (20CS3235AA)

Labs-1

Name: K. VENKATA SREE SAI

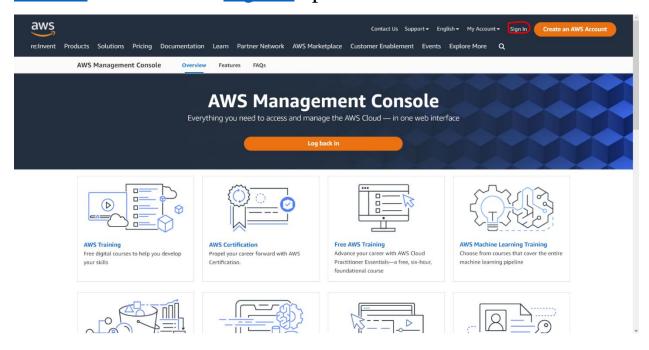
ID:2000030439

Launch Linux instances connect with ssh, use scp to copy files from local system to cloud vice versa.

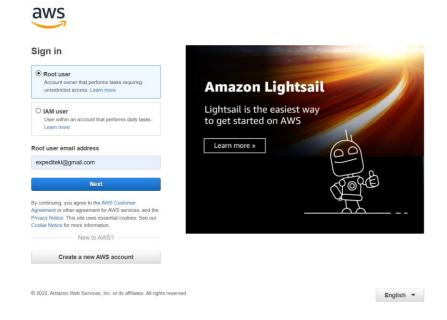
Step-1: Go to Google Browser and type <u>AWS (Amazon Web Services) Management Console</u>.



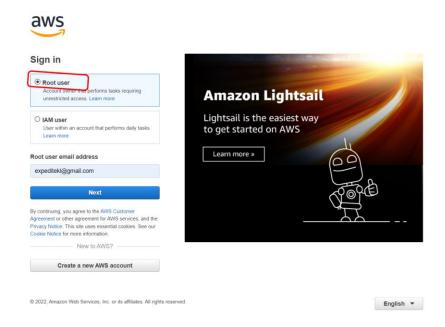
Step-2: After That If you having an account in <u>Aws management</u> console then click on <u>Sign-in</u> option.



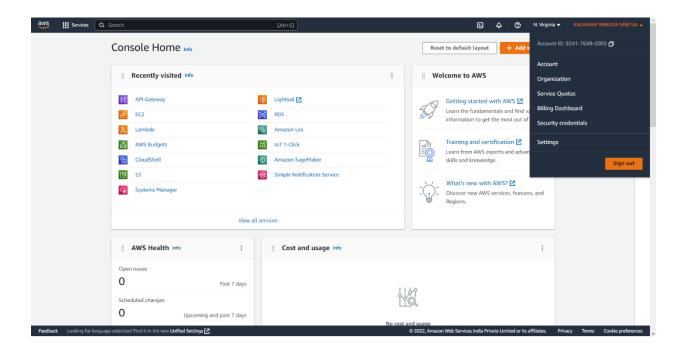
Step-3: After it will redirect to <u>aws sign-in</u> portal.



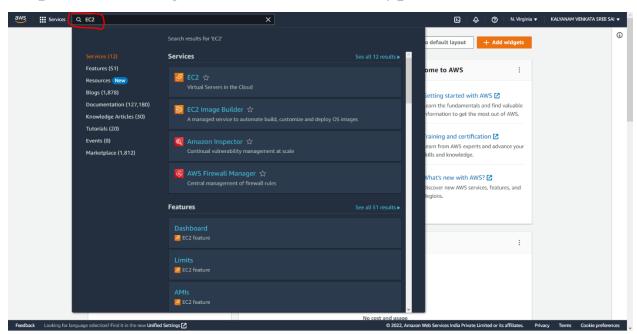
Step-4: Sign-in with your root account only



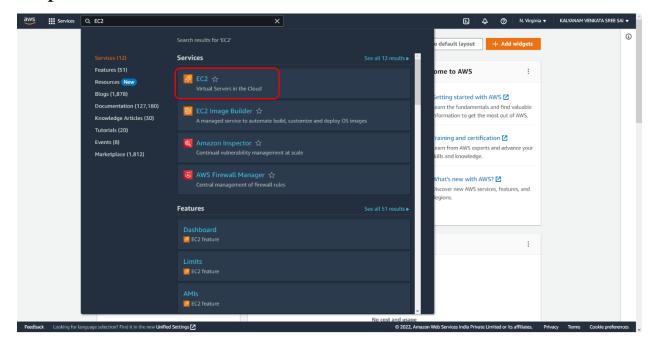
Step-5: After Sign-in the aws management console look like the below image.



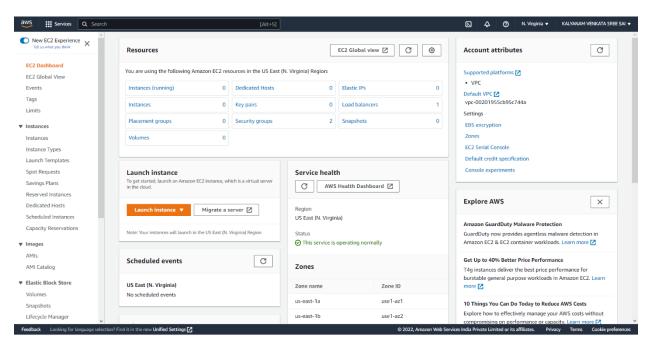
Step-6: Go through the search bar and type "EC2".



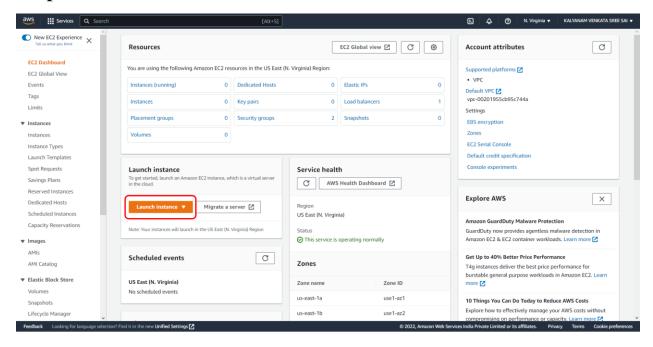
Step-7: Select the First service from the listed below.



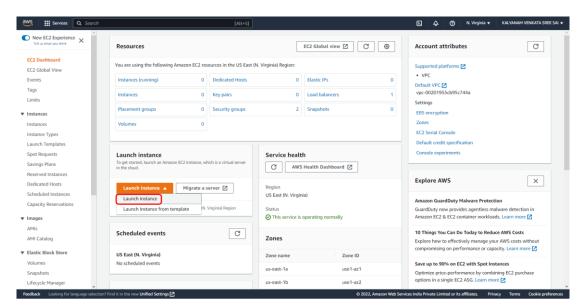
Step-8: After clicking the First Service The console will look like.



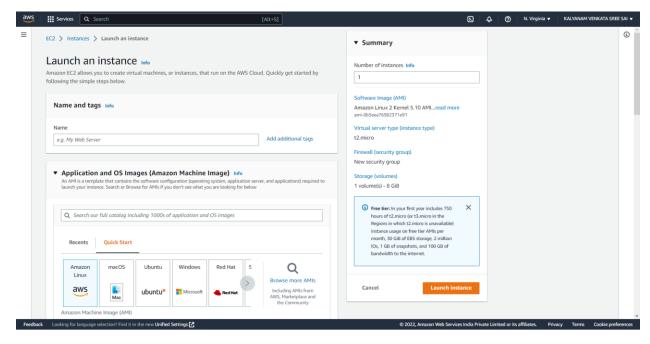
Step-9: Click on the "Launch Instance" in the EC2 console.



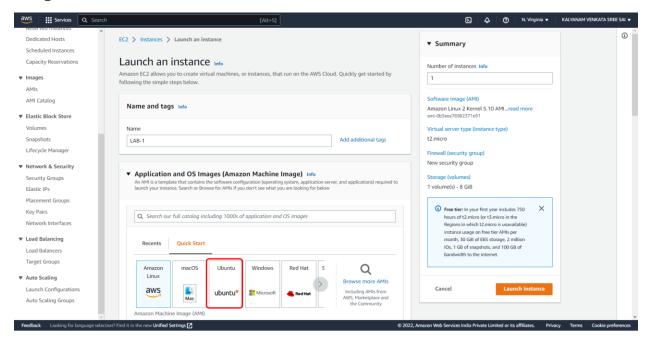
Step-10: Click on the "Launch Instance" from the drop-down menu.



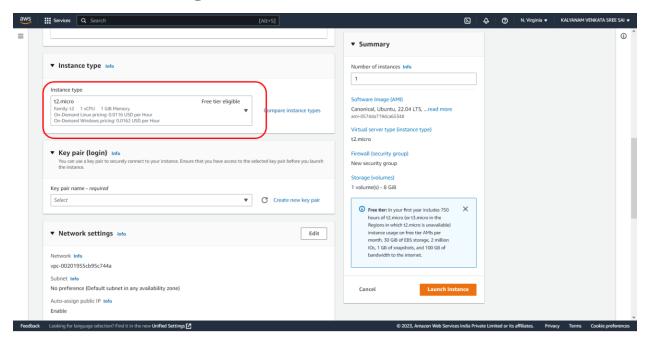
Step-11: After Clicking on the Launch Instance, it will look like.



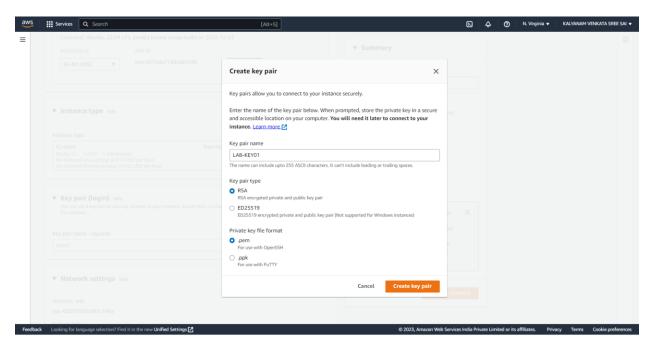
Step-12: In the AMI Section Select the "Ubuntu".



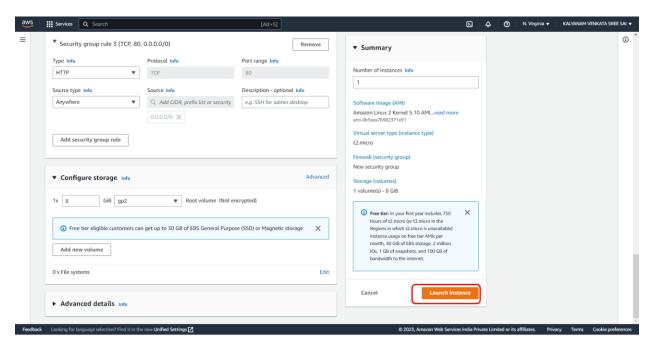
Step-13: After select, The Instance Type "t2. micro" which is under free tier eligible.



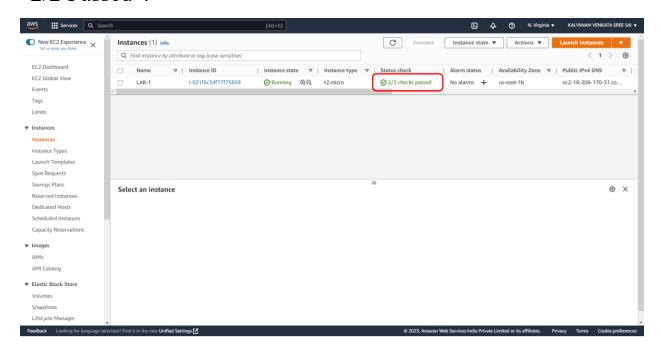
Step-14: Now "Create the new key pair" with extension .pem which will be useful for connecting The EC2 Instance through "SSH".



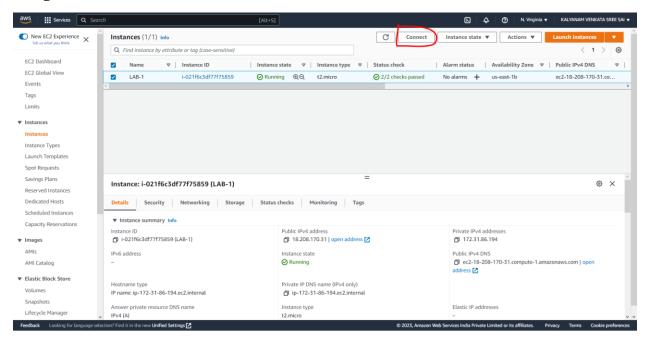
Step-15: After Create the key pair Launch Then launch the instance.



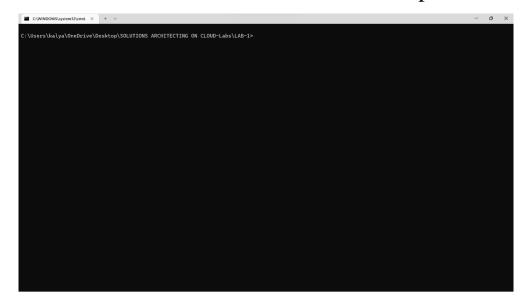
Step-16: Before Launch, the "SSH" Check the Instance Status IS "2/2 Passed".



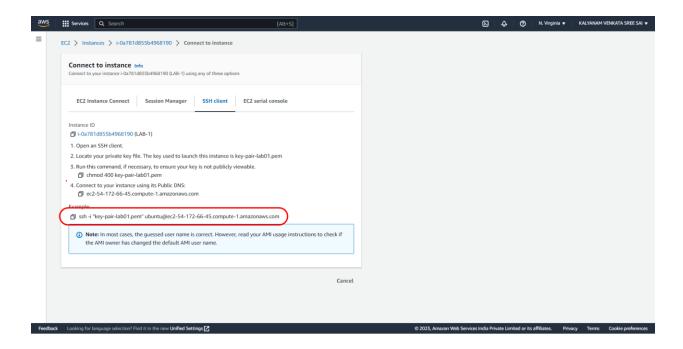
Step-17: After That Connect the Instance



Step-18: Before You Connect the instance and open the terminal



Step-19: Go back to Step-17 and copy the highlighted one.



Step-20: Go the directory where the key-file is located and check with the command "DIR" in windows and "ls" in ubuntu.

```
C:\Users\kalya\OneDrive\Desktop\SOLUTIONS ARCHITECTING ON CLOUD-Labs\LAB-1>DIR

Volume in drive C has no label.

Volume Sind drive C has no label.

Volume Sind drive C has no label.

Directory of C:\Users\kalya\OneDrive\Desktop\SOLUTIONS ARCHITECTING ON CLOUD-Labs\LAB-1

Directory of C:\Users\kalya\OneDrive\Desktop\SOLUTIONS ARCHITECTING ON CLOUD-Labs\LAB-1

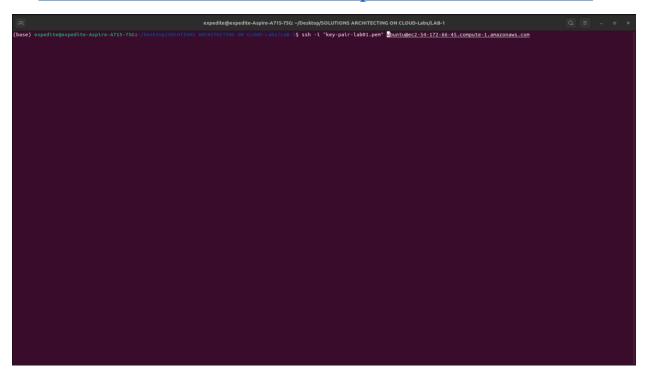
Directory of C:\Users\kalya\OneDrive\Desktop\SoLUTIONS ARCHITECTING ON CLOUD_Lab-1.docx

Directory of C:\Users\kalya\OneDrive\Desktop\SoLUTIONS ARCHITECTING ON CLOUD_Lab-1.docx

Directory of C:\Users\kalya\OneDrive\Desktop\SoLUTIONS ARCHITECTING ON CLOUD_Lab-1.docx

Directory of C:\Users\kalya\OneDrive\Desktop\SoLUTIONS ARCHITECTING ON CLOUD-Labs\LAB-1>
```

Step-21: Paste it in that directory "ssh -i "key-pair-lab01.pem" ubuntu @ ec2-54-172-66-45.compute-1. amazonaws.com."



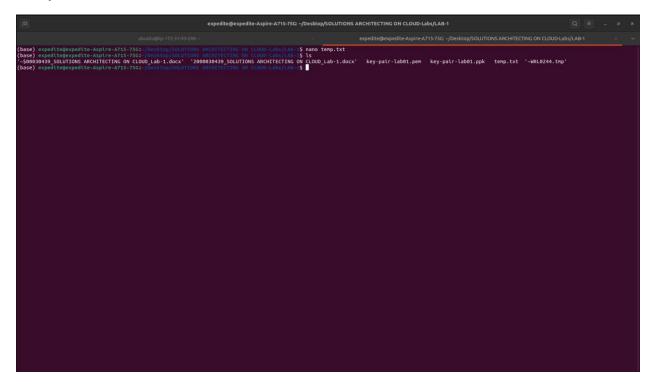
Step-22: After that type "yes" then press "Enter" Then we connected the "EC2" Instance Successfully.

```
Ubeatuppi-772-73-79-26%-

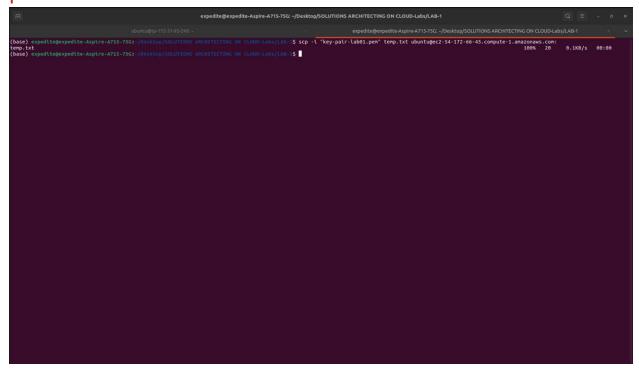
(Date proceditedeascondite-Assatra-Alli-7725-1-Deast-assatration according to the suthericity of host "ed-2-54-172-66-45, compute-1-amazonames.com (56-172-66-45)" can't be established.

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```

Step-23: After That Create a file in the other terminal.



Step-24: Now By using "scp" which stands for secure copy protocol we can transfer file to ec2 instance.



Step-25: Finally, we successfully copied the file from lunix system through **ec2** lunix system.