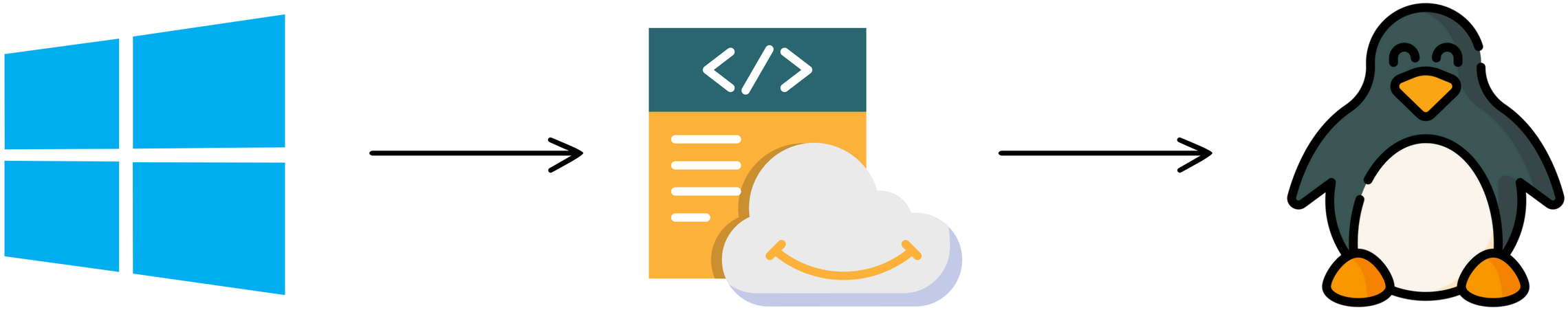
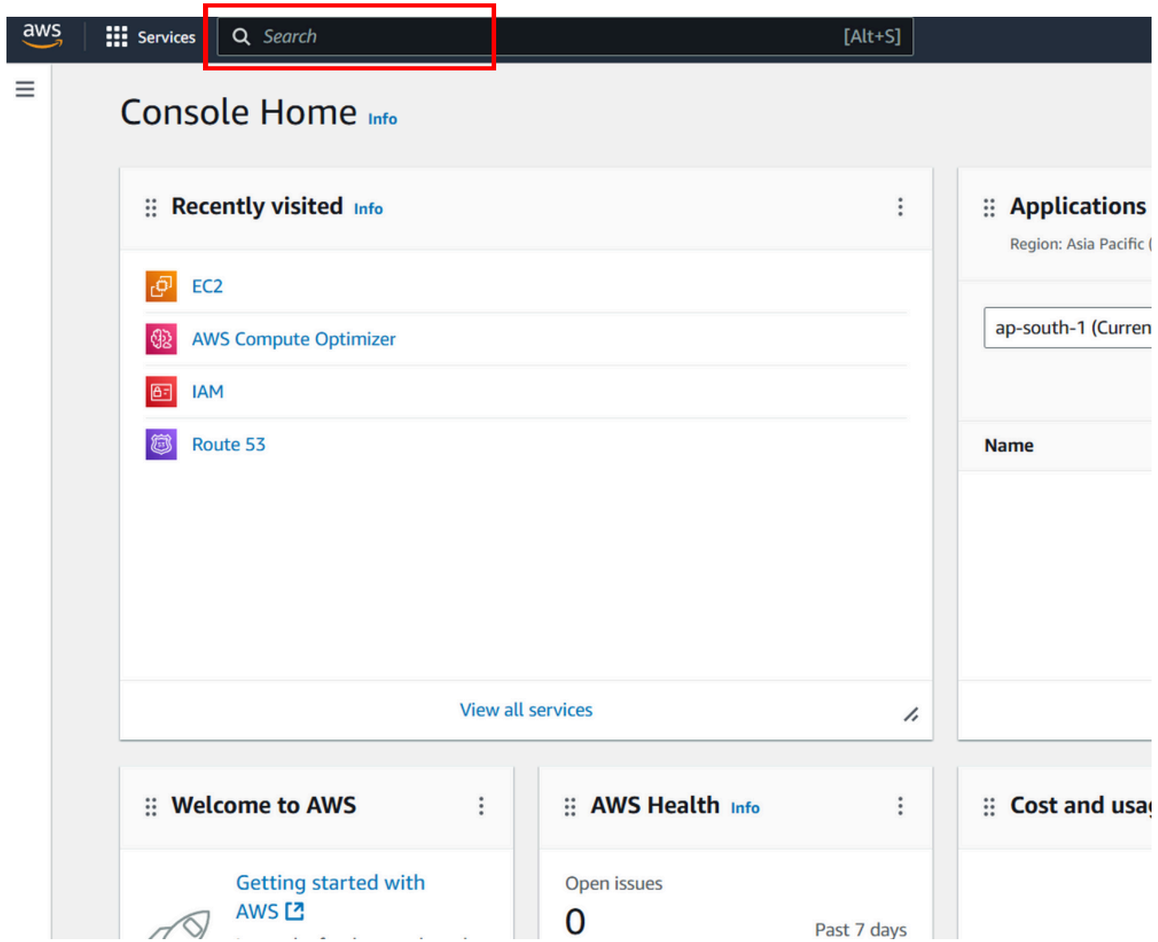
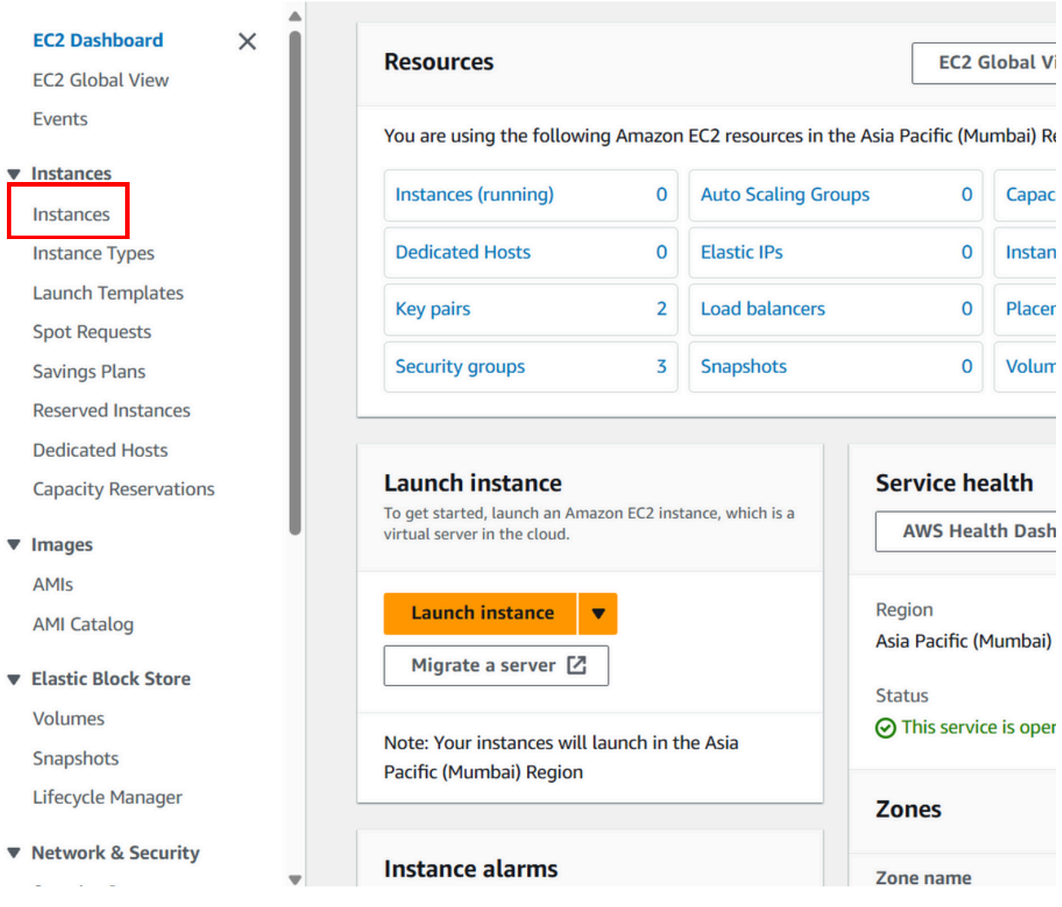


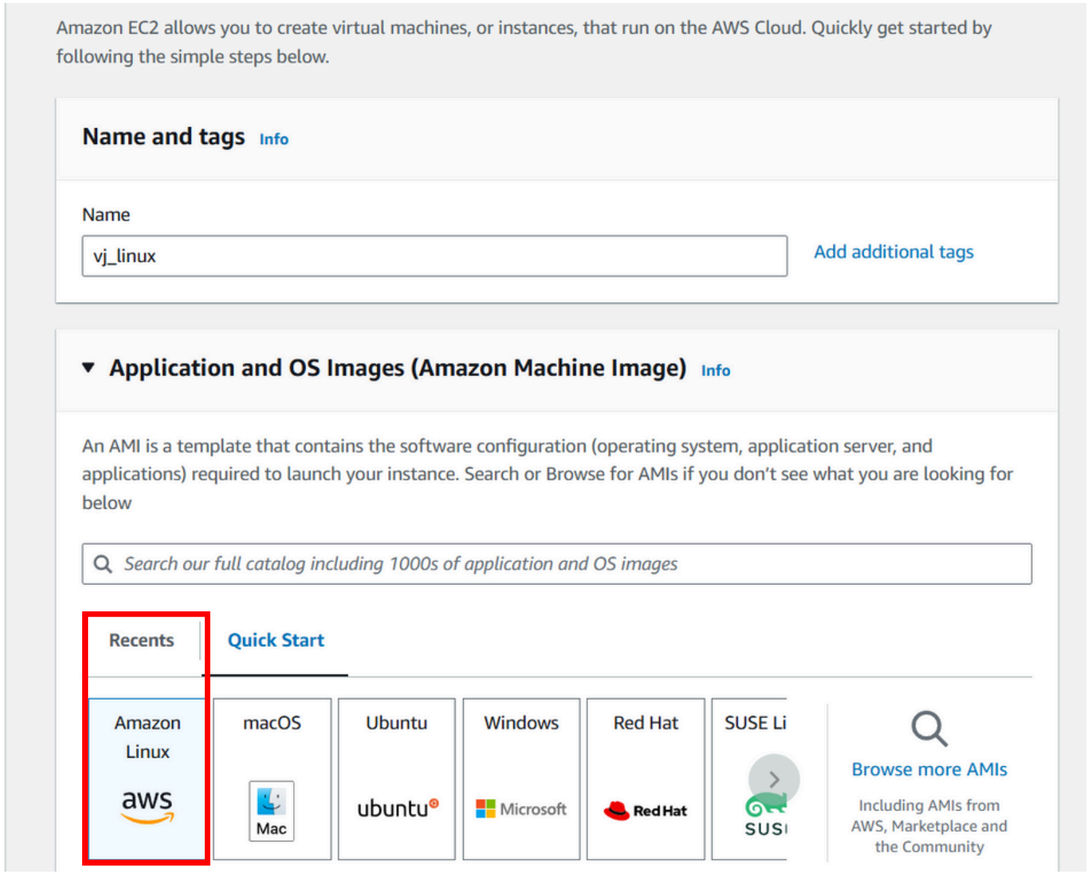
Let’s create an EC2 instance in windows and connect with Linux Virtual Machine...

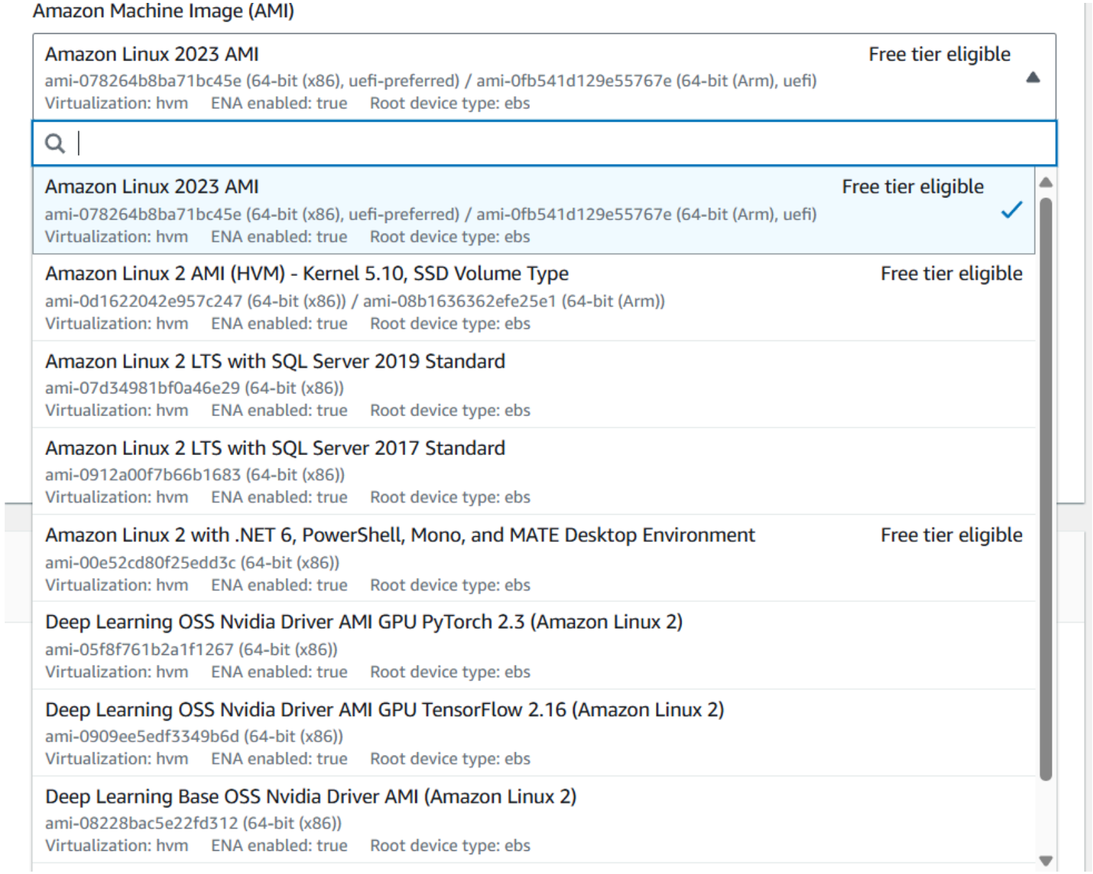


Search for **EC2** in search bar



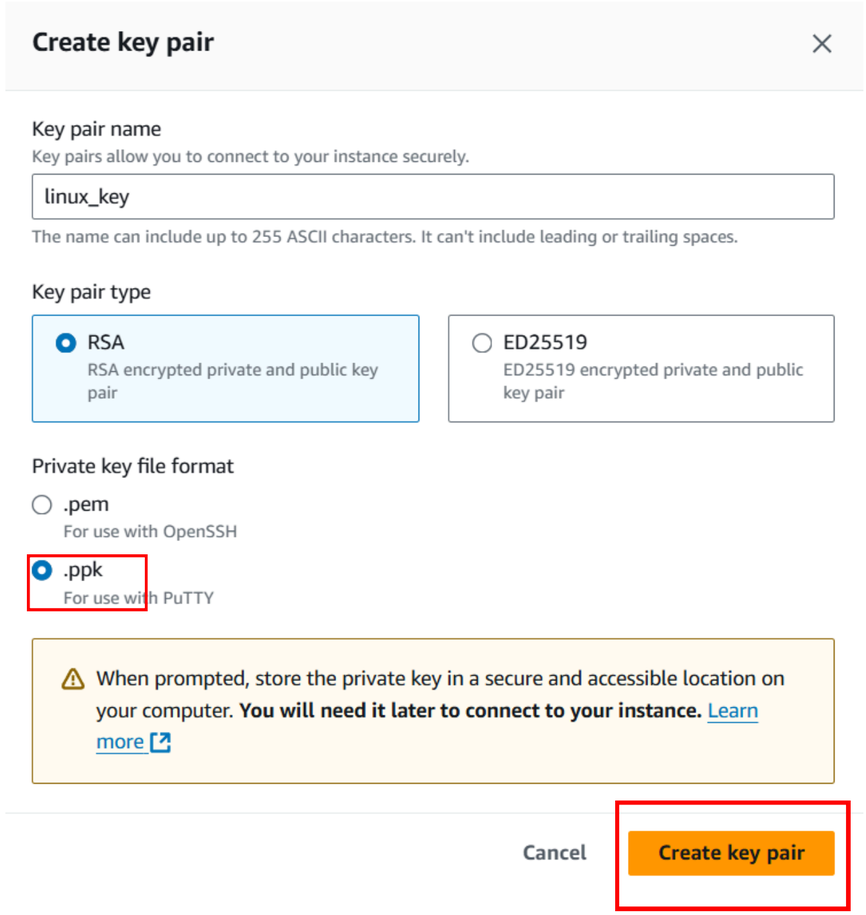
Select **instances**





Name the instance and select **Amazon Linux**

You can view all the available free AMI's. Select **Free tier eligible AMI.**

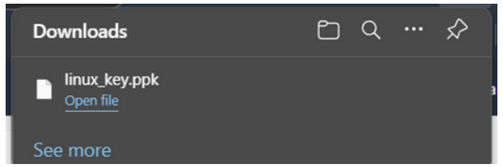


Select **create new key pair**. I chose "linux_key" as key pair name.

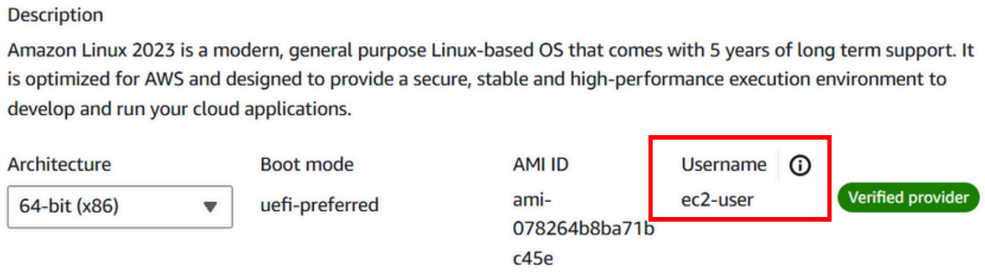
While creating new key pair:

- Select **.ppk** file format which can be uploaded in **putty** emulator to launch Linux VM.
- key pair name must be new from existing key pair.

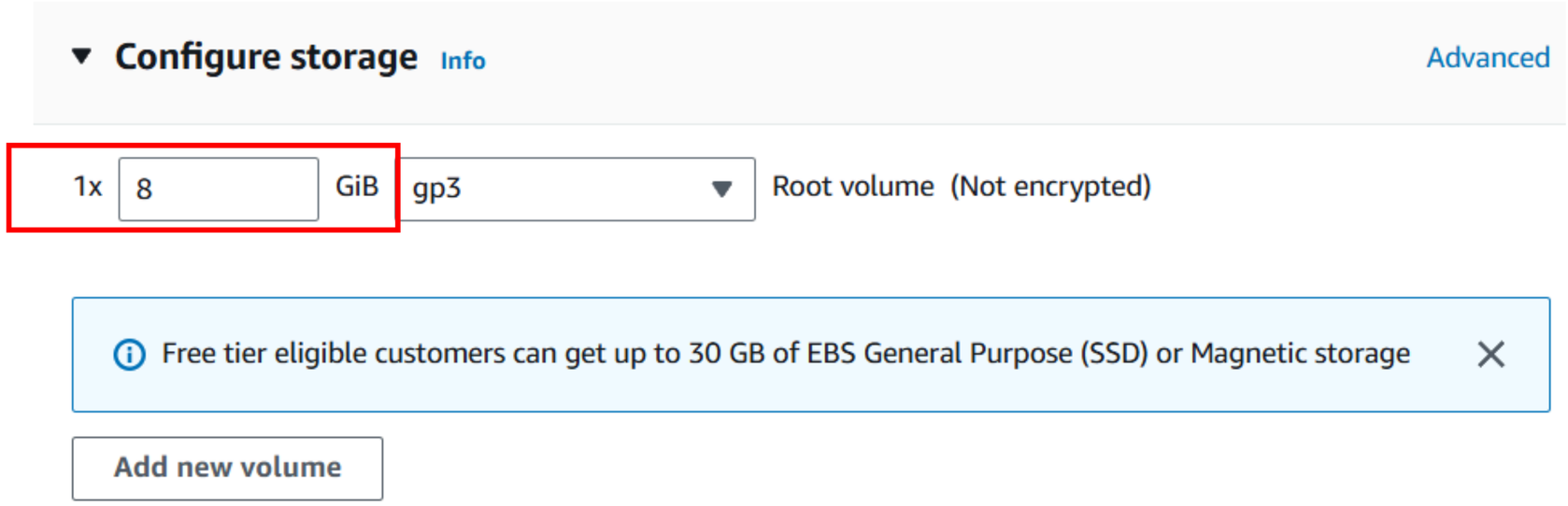
After all selection click on **Create key pair.**



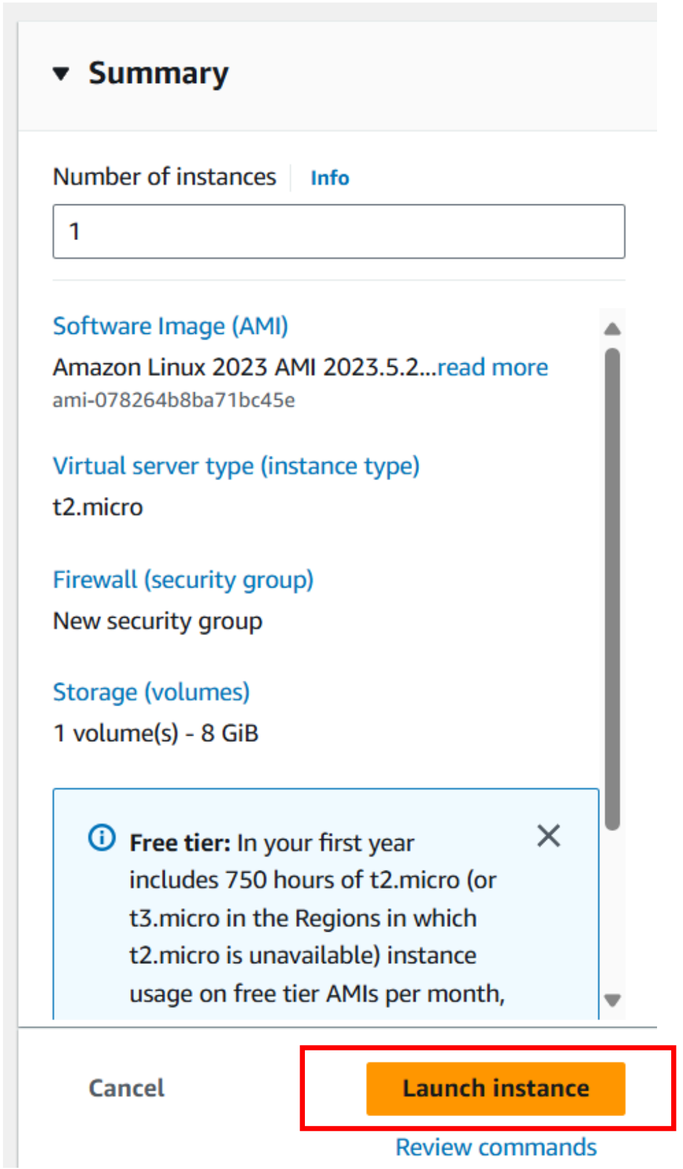
A **.ppk** file format will be downloaded.



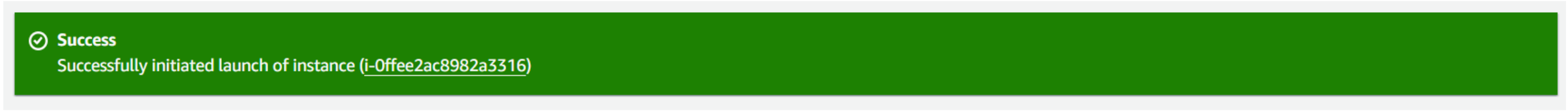
You can see the username as **ec2-user.** A default username for Linux.



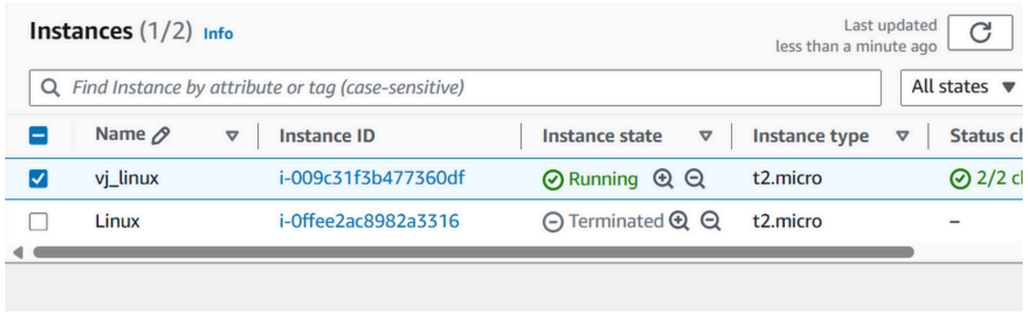
- **8 gb** Root volume will be configure in case of Linux
- **30 gb** Root volume will be configure in case of Windows



You can now see the Summary of instance and can **Launch the Instance**.

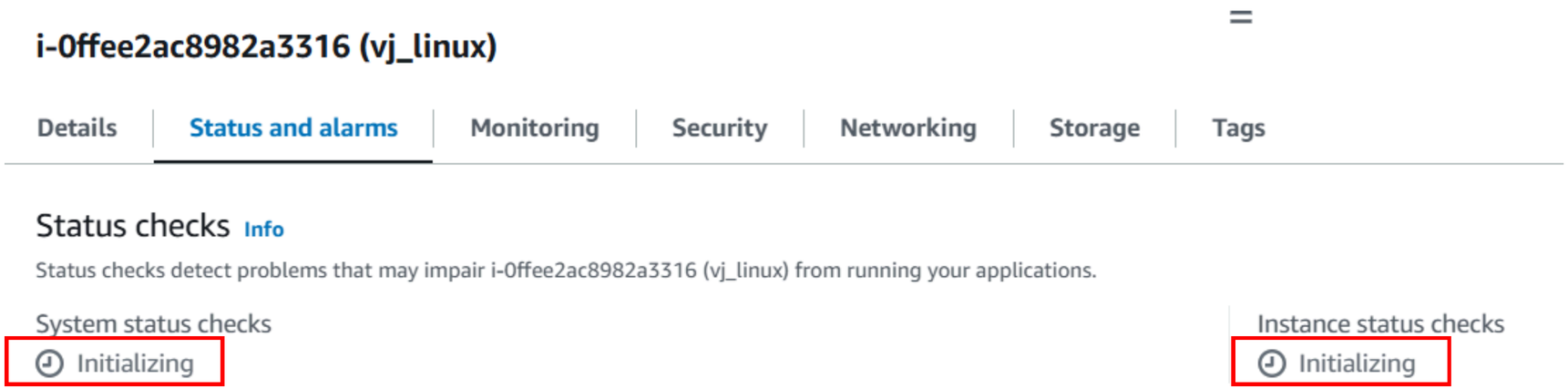


You will be able to see popup saying **Successfully initiated.**

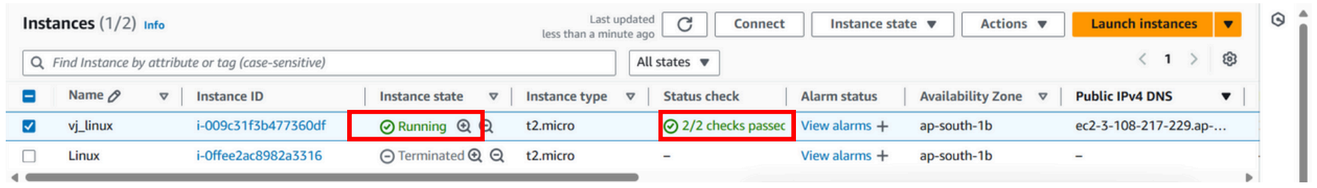


Once created select the instance (my case **vj_linux**)

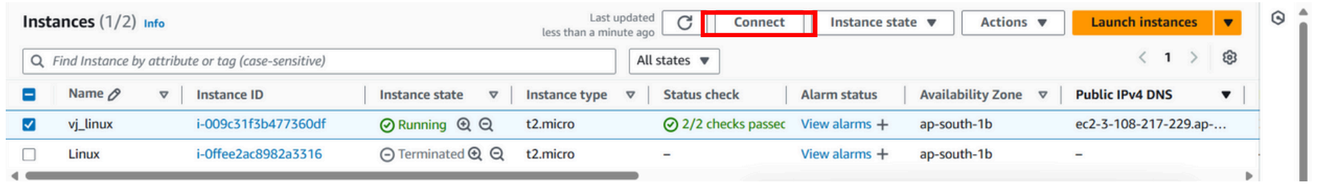
=



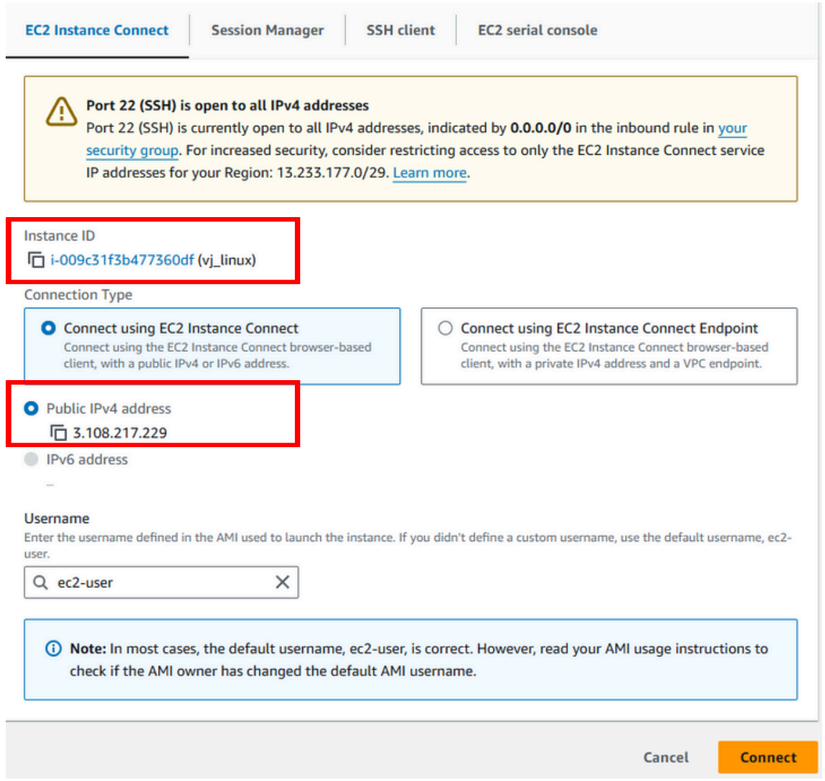
You will be able to see the **Status** of the instance.



Once instance get activated you can view the status **Running** and **2/2 ckecks passed**



Click on **connect** button to connect instance with the **Linux VM**



You can be able to view:

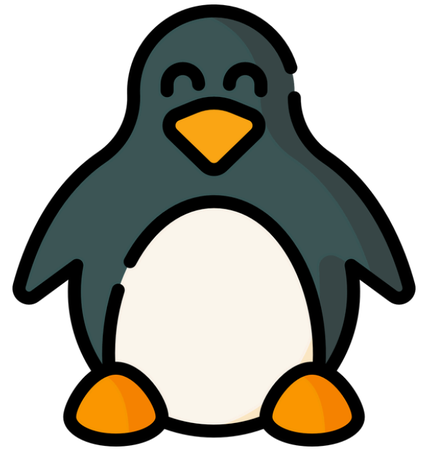
- Instance ID and
- public ID
- Username

After all these steps you are good to go...Click on **Connect** button to launch Linux VM.

```
   ,     #_
   ~\_  ####_        Amazon Linux 2023
  ~~  \_#####\
  ~~     \###|
  ~~       \#/ ___   https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
      ~~._.   _/
         _/ _/
       _/m/'
Last login: Tue Oct  8 09:06:34 2024 from 13.233.177.3
[ec2-user@ip-172-31-6-117 ~]$
```

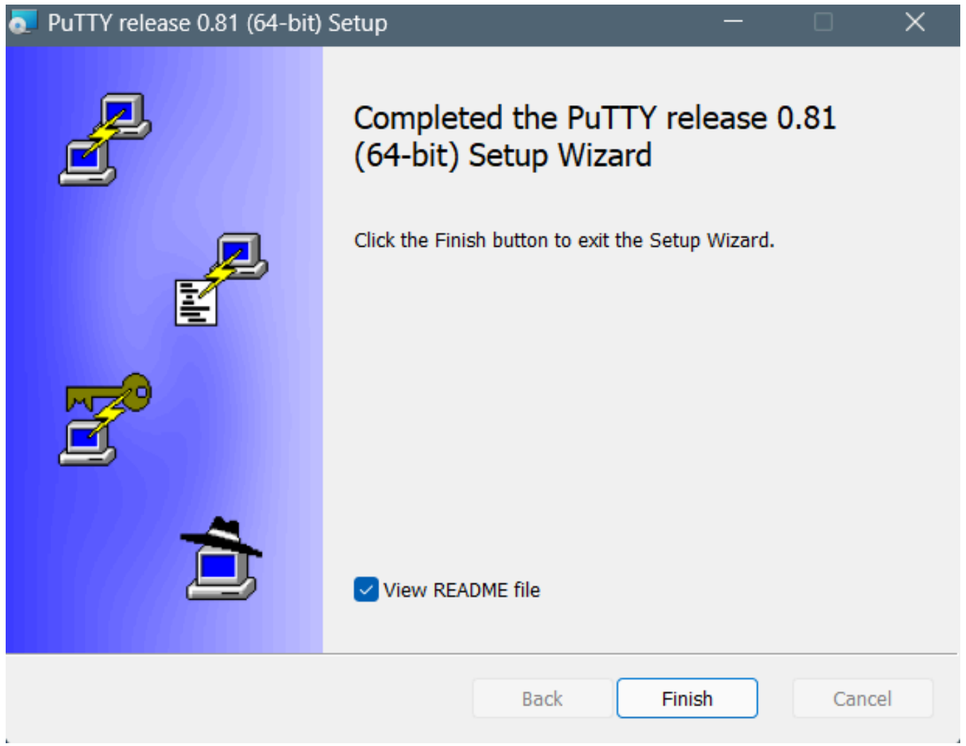
i-009c31f3b477360df (vj_linux)

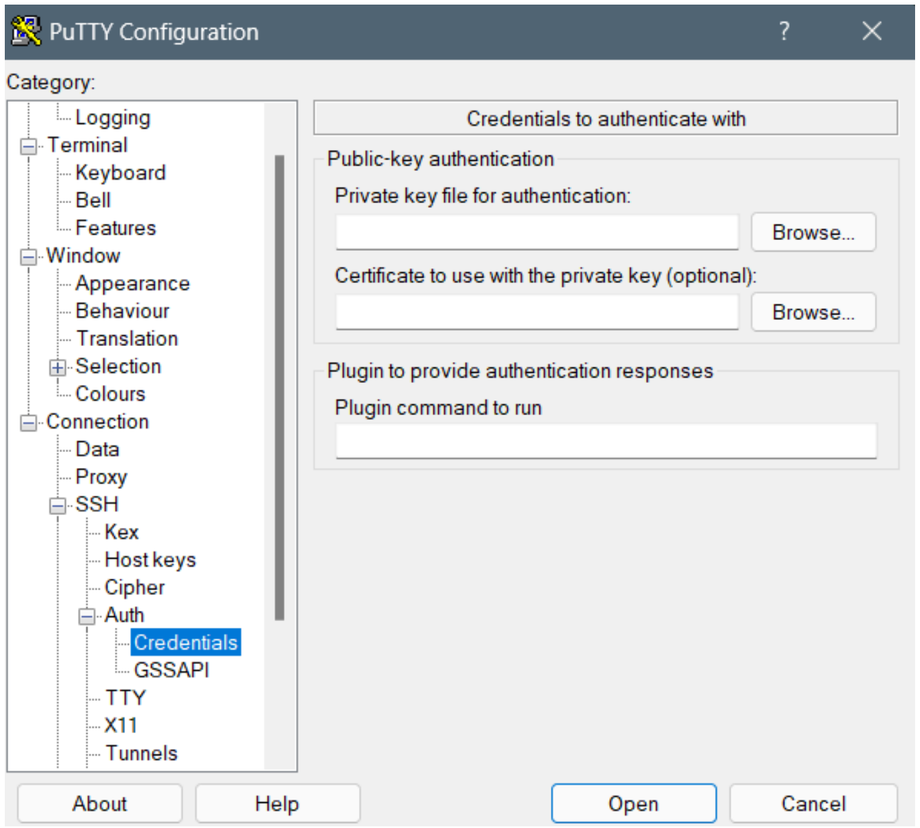
PublicIPs: 3.108.217.229 PrivateIPs: 172.31.6.117



Linux Virtual Machine

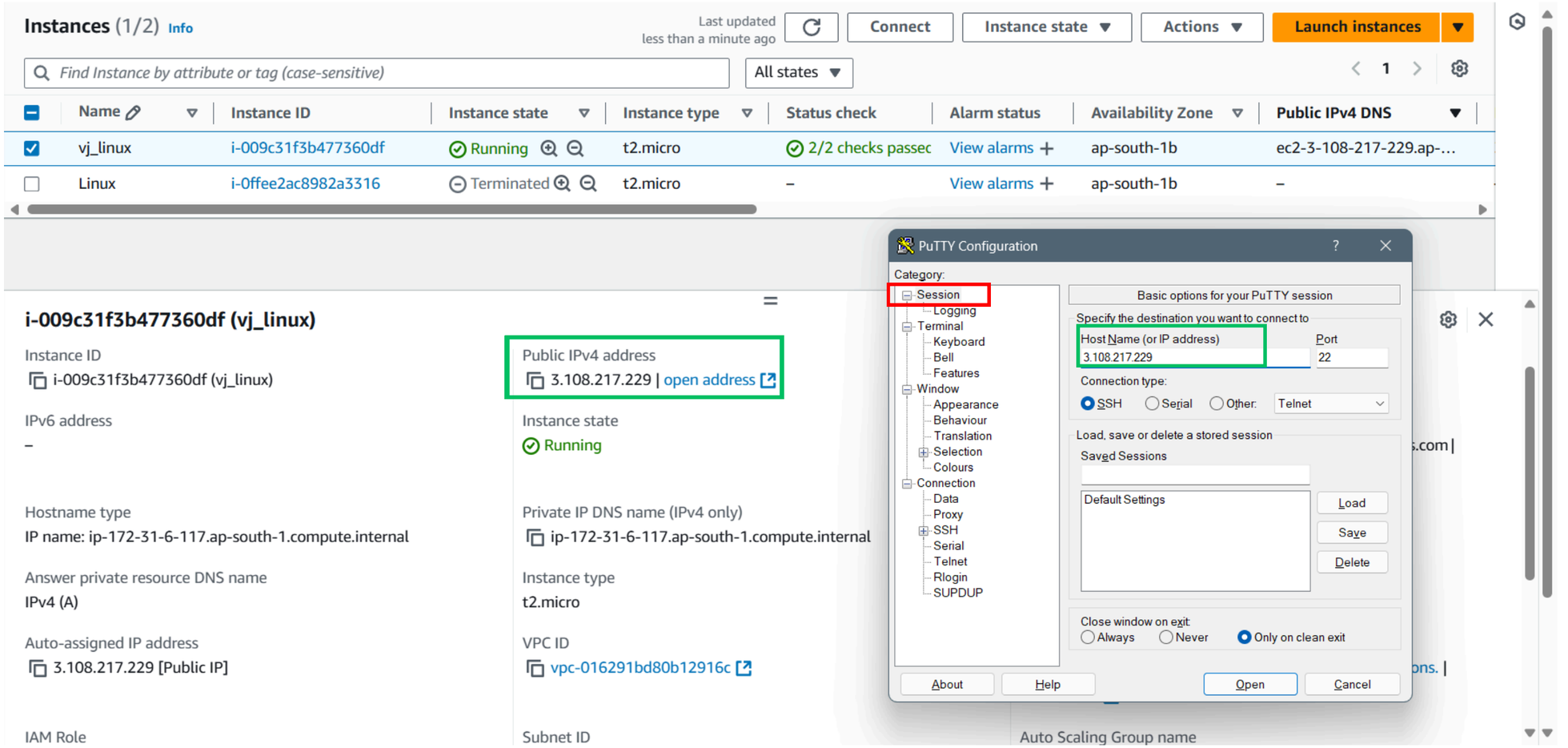
Let’s now connect from windows to Linux VM via **Putty emulator**



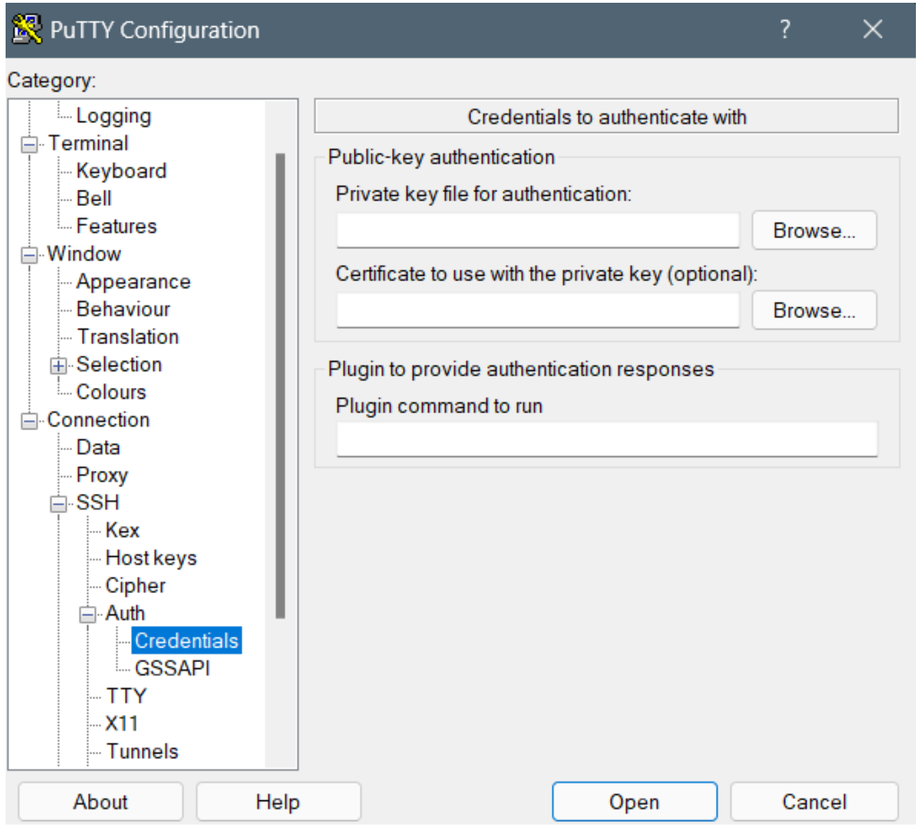


Once you install putty, open putty a window appears..

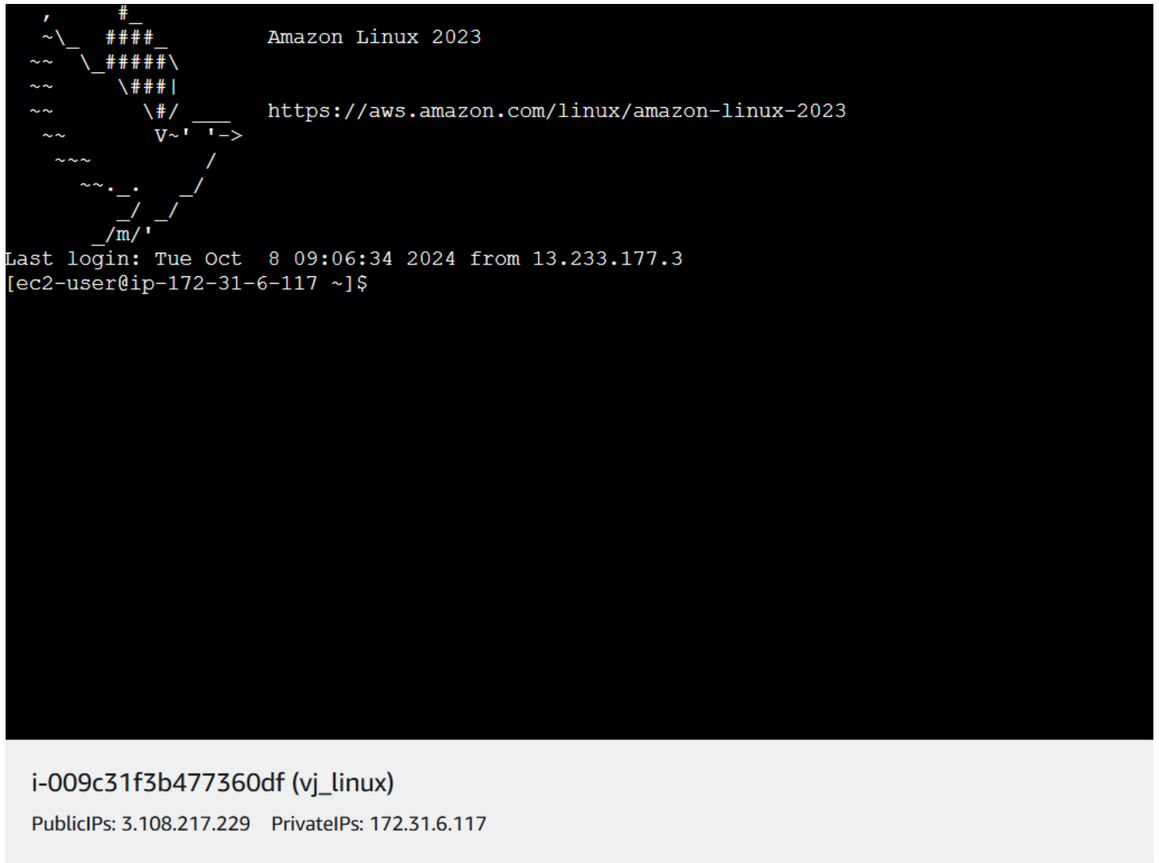
Putty emulator



- Initially under session, you should type the **Host name** or **IP address**.
- Ip address should be similar to Public IPv4 address as shown above.



- double click on **SSH.**
- double click on **Auth** and select **credentials**...
- Click on **Browse** button and select your key file



Finally, you can click on **open** to launch Linux VM.