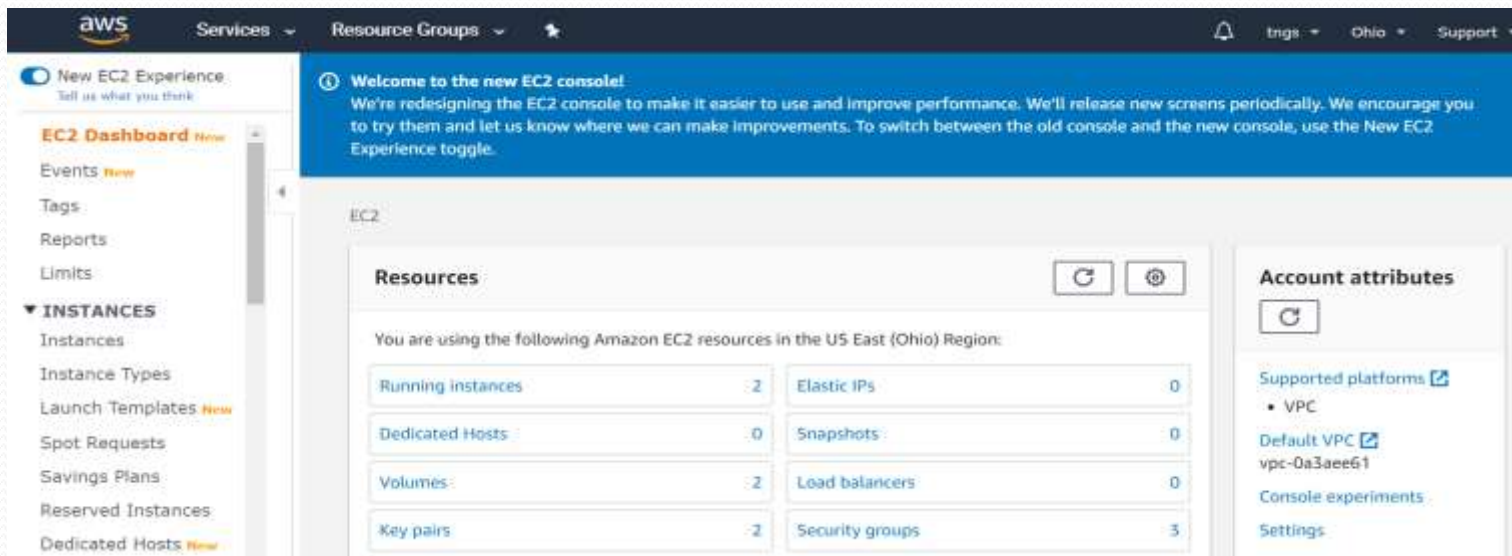


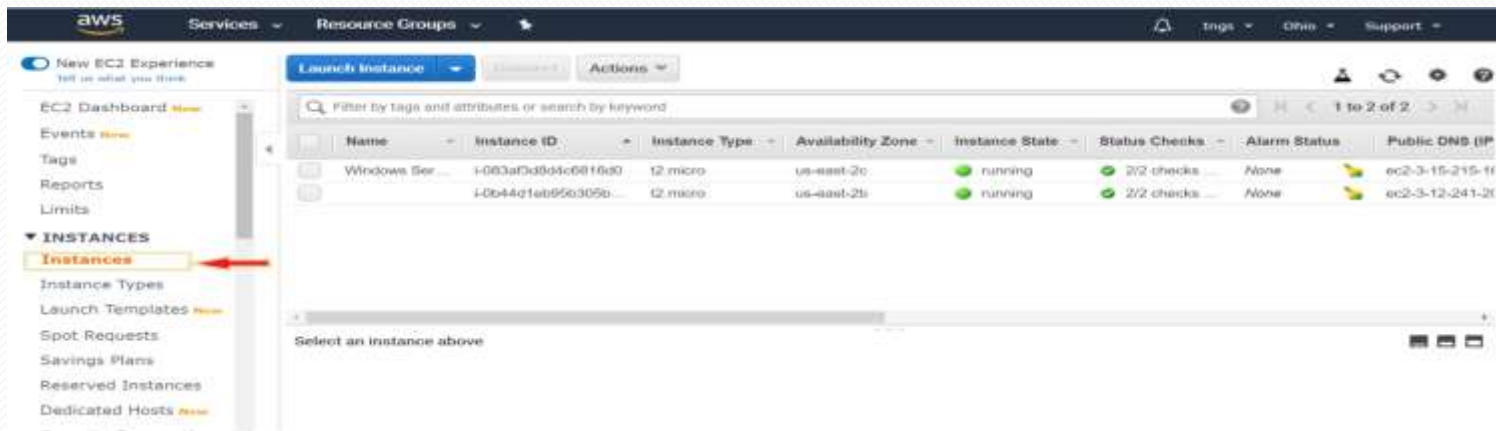
# 7-Connecting to Instances

## CONNECTING TO WINDOWS INSTANCE

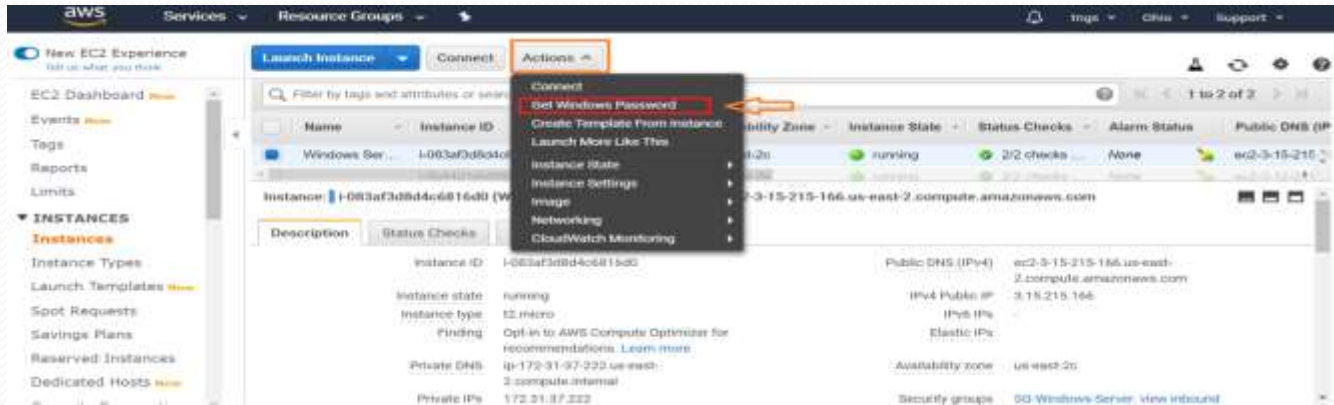
Under Services drop down list, choose EC2 from compute section, then make sure you are in the region where you created the instances.



Next, from the left pane select Instances under INSTANCES section to list the instances.



Next, select your windows instance from the instances list then select Get Windows Password from the Actions tab drop down list.



Retrieve windows password dialog box will open, choose Browse and select your PEM key pair.



Next, click on Decrypt Password to get the password.

Retrieve Default Windows Administrator Password

To access this instance remotely (e.g. Remote Desktop Connection), you will need your Windows Administrator password. A default password was created when the instance was launched and is available encrypted in the system log.

To decrypt your password, you will need your key pair for this instance. Browse to your key pair, or copy and paste the contents of your private key file into the text area below, then click Decrypt Password.

The following Key Pair was associated with this instance when it was created:

**Key Name** test

In order to retrieve your password you will need to specify the path of this Key Pair on your local machine:

**Key Pair Path**  test.pem

Or you can copy and paste the contents of the Key Pair below:

```
-----BEGIN RSA PRIVATE KEY-----
MIIEpAIBAAKCAQEAImTcplqrFuTErw/B15sidJERzfydI4Hcx1aHBDXWYjVG7FezZZZivb4ljFmJ
6XbreaUj5hSRVzKkqnZp1vtOoWfzpxyCMdom3ixapi43zY6uQ9e+L8r995meBzZ1U7+HJlePXP
ZDyD/ZPQ+G18IEUIUT7mFQCaxm6Uui7T5e9AxTYNW8eXMnDhO3xDUk1Ljv7sAhnbmLCMiDqV6EWa
e6nLMEEnIWjHipyVgN8zZFQDleCEn4Wv1JqJ3mRmlopxCw5+aBSyY2XPVPNHv0kv7kYJ05BBSnD
uRO11OeRE15mOxEyhGv0kI2WaUfTRNxdW45n9YRcmSC9kkkRf1(WRQIDAQABAsBAESmraqJSCU7X
-----
```

You will get the credential information to connect to the windows instance.

Retrieve Default Windows Administrator Password

✔ Password Decryption Successful

The password for instance i-083af3d8d4c6816d0 (Windows Server) was successfully decrypted.

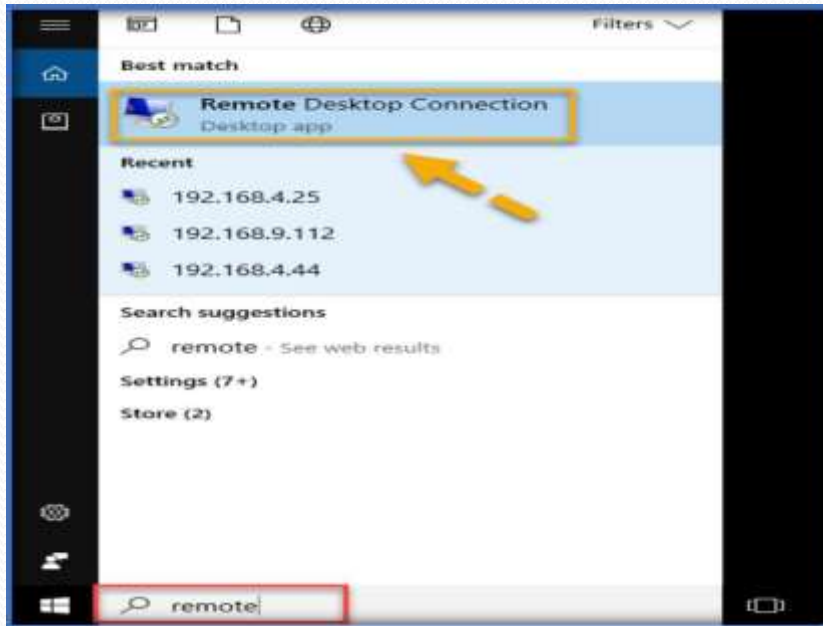
⚠ Password change recommended

We recommend that you change your default password. Note: If a default password is changed, it cannot be retrieved through this tool. It's important that you change your password to one that you will remember.

You can connect remotely using this information:

Public DNS	ec2-3-15-215-166.us-east-2.compute.amazonaws.com
User name	Administrator
Password	dNQ52Tg?jFu7Y&HrBBp&LTLe0TTeqLOZ

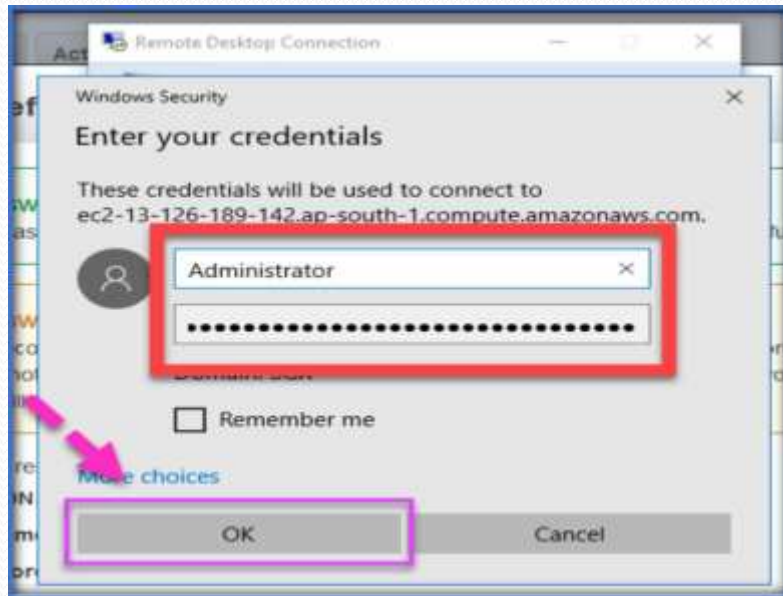
Now open remote desktop app in your desktop to connect to the windows instance on AWS. To open the remote desktop app, search for remote desktop in the windows search like below.



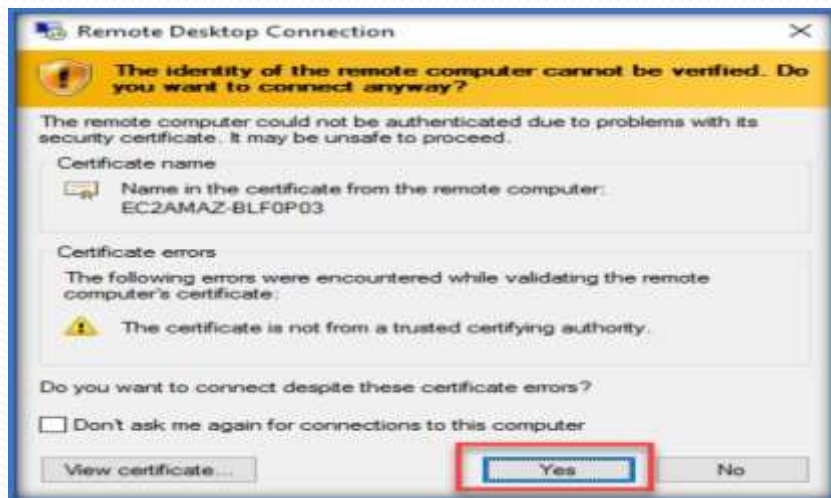
Once remote desktop app opened, copy and paste the public DNS in the computer text box and click on connect to



Specify the username and password in the respective fields and choose OK to connect.



Then choose yes to connect.





# CONNECTING TO LINUX INSTANCE

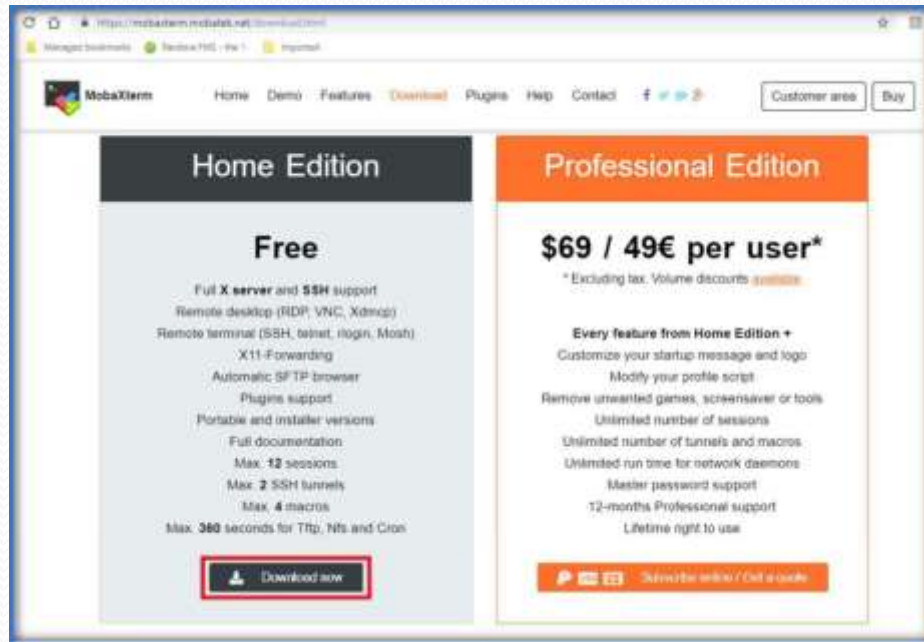
To connect to Linux instance, we need an app like remote desktop for windows. There are two applications called putty or mobaxterm, we can use any one to access the Linux instances.

## ACCESSING USING MOBAXTERM:

You can download the mobaxterm app from below link.

<https://mobaxterm.mobatek.net/download.html>

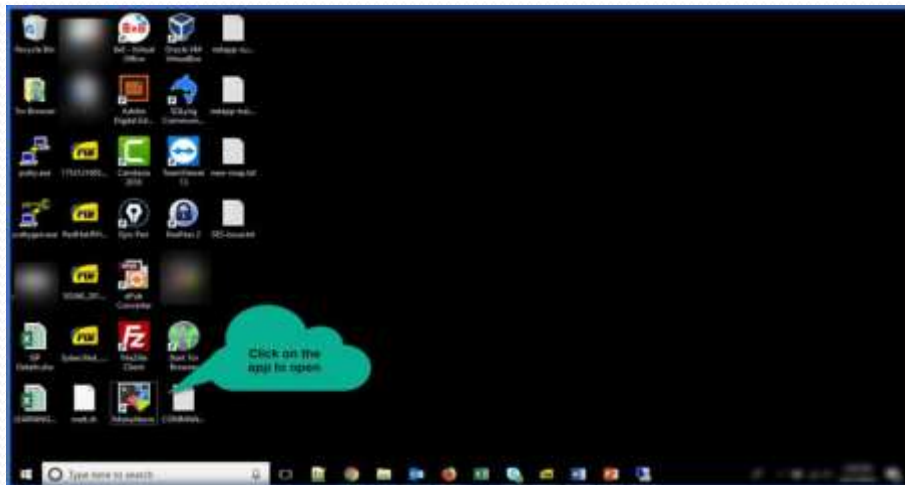
Once opened click on download on Home Edition to download which is free.



Click on the MobaXterm Installer edition to download, once downloaded extract the zip file.

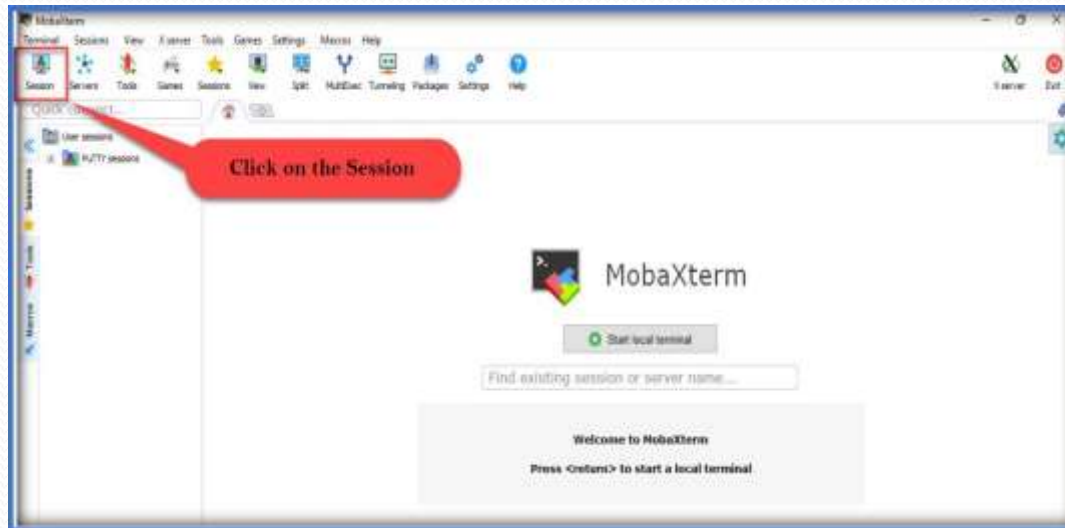


Install the app using the MobaXterm\_installer\_10.9.msi file. once installed open the app using the short cut on the desktop.





Once app opened, click on the Session on the left side top corner of app.



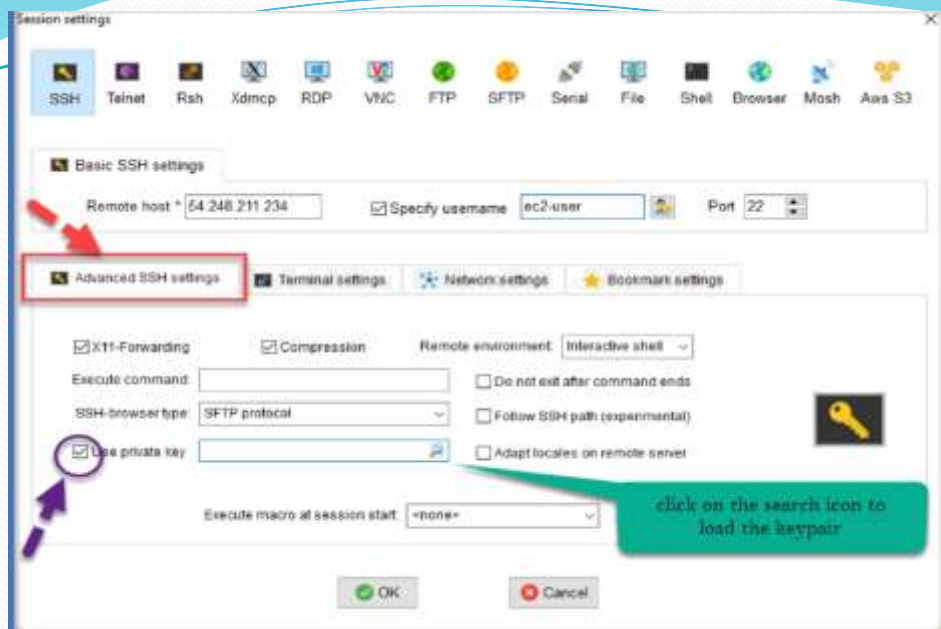
Choose SSH from the session settings wizard.



Specify the IP/Hostname at the Remote host text box, Select the Specify username option and fill the username.

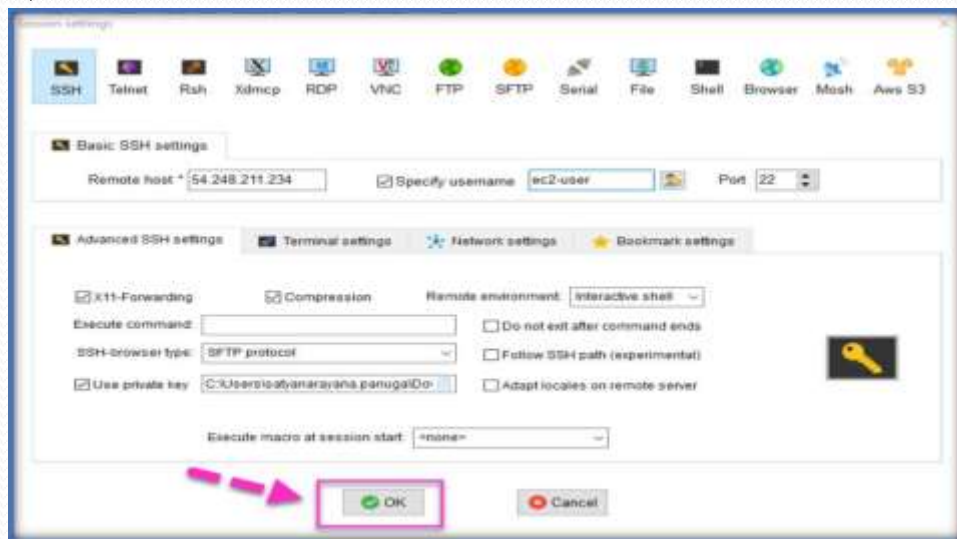


Select advanced SSH Settings bar, select use private key, then mouse over to the end of the text box, you will find a search icon click on it to load the key pair.

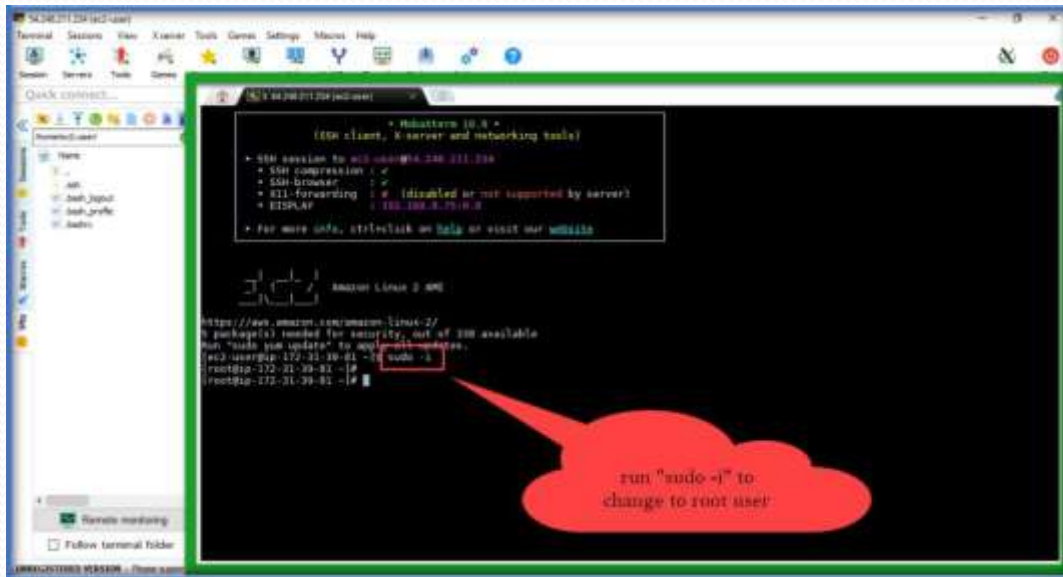


Choose the PEM file click on open

Next, click on OK to connect to the Linux server



Once clicked on OK, you will be connected to Linux server, then use “sudo -i” command to log in to root user.



## CONNECT USING PUTTY APPLICATION:

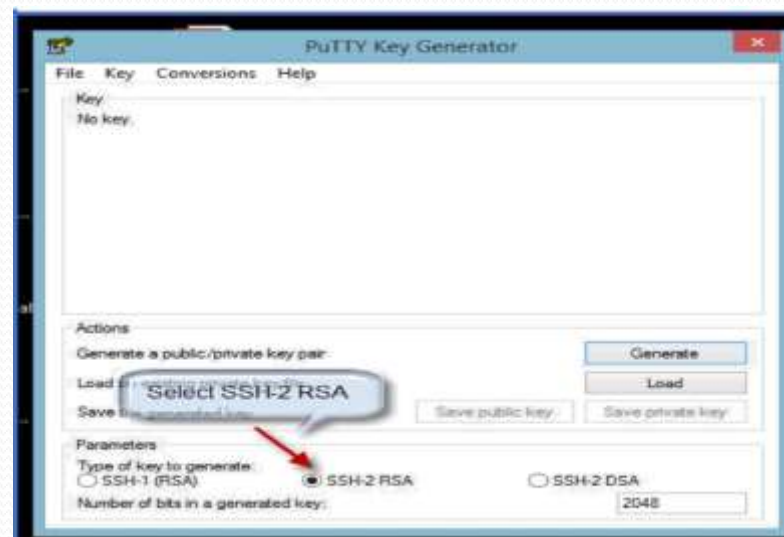
Download Putty.exe and Puttygen.exe from below URL and open it.

<http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>

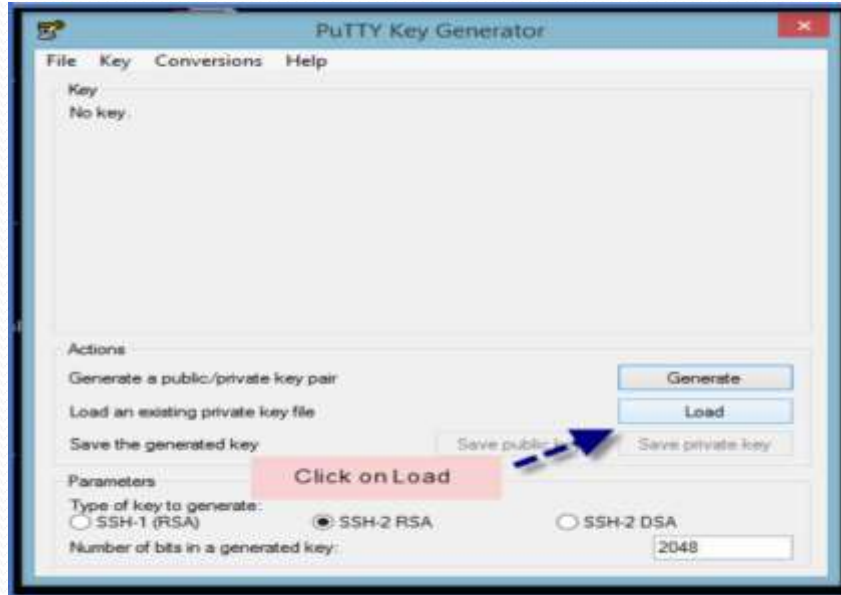


Then, putty does not support PEM file authentication, so we have to convert PEM to PPK by using a app called PuTTYgen, as we have already downloaded. Once downloaded double click on the app will open, no need to install.

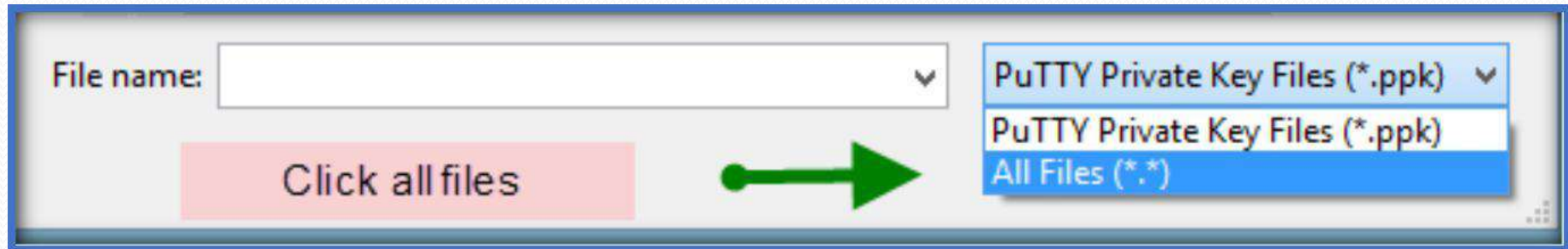
Open Puttygen.exe and select SSH-2 RSA in the below.



**Click on Load to load the PEM file.**



Once you click on Load, by default, Puttygen displays only files with extension. ppk. To locate your .pem file, select the option to display files of all types



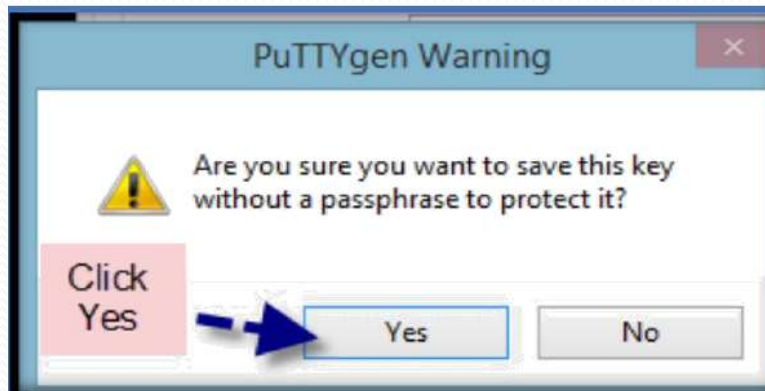
Select your .pem file for the key pair that you specified when you launch your instance, and then click Open. Click OK to dismiss the confirmation dialog box



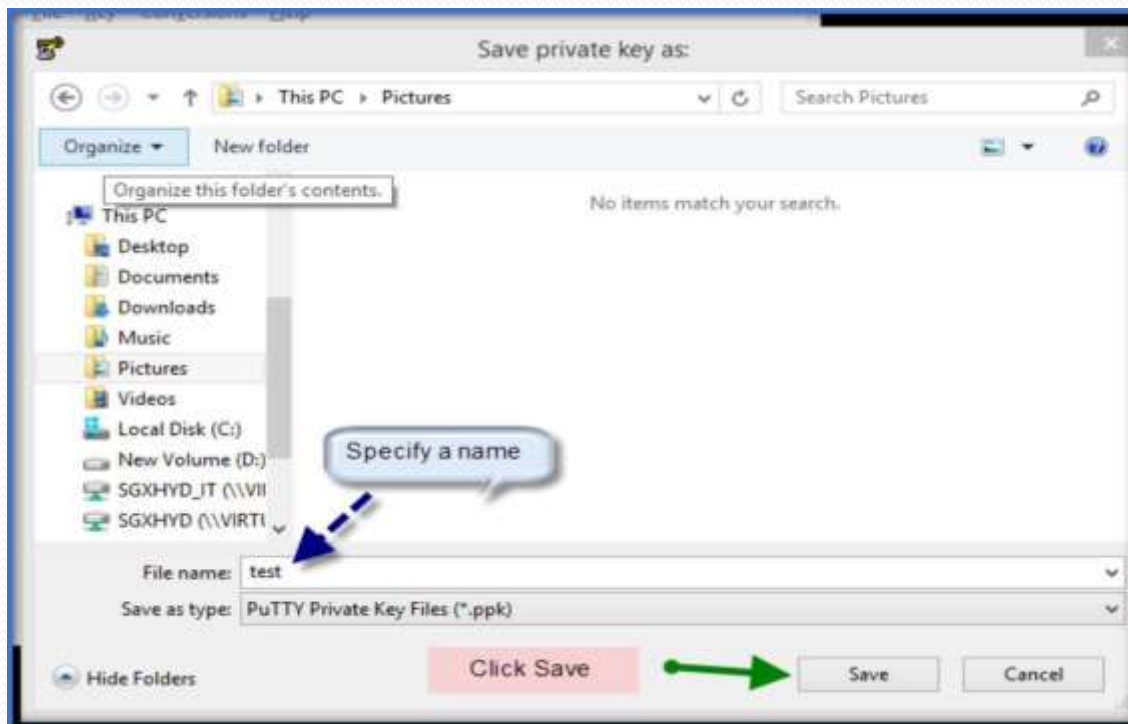


Click Save private key to save the key in the format that PuTTY can use. PuTTYgen displays a warning about saving the key without a passphrase. Click Yes

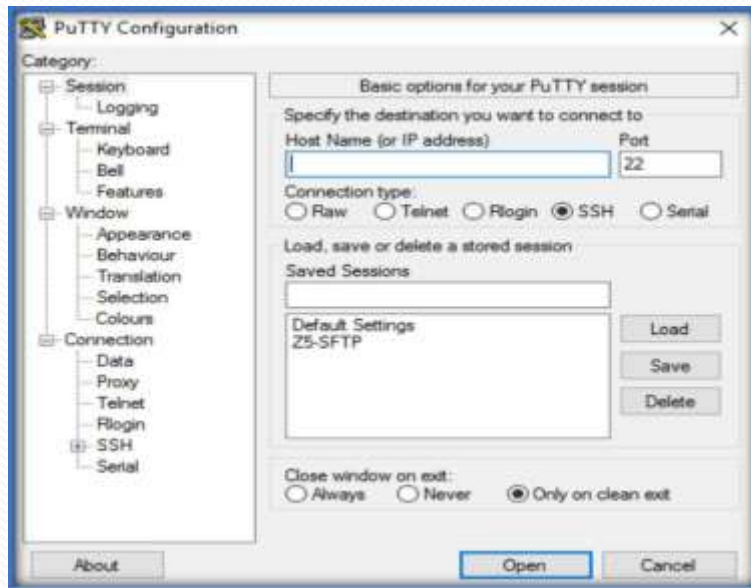




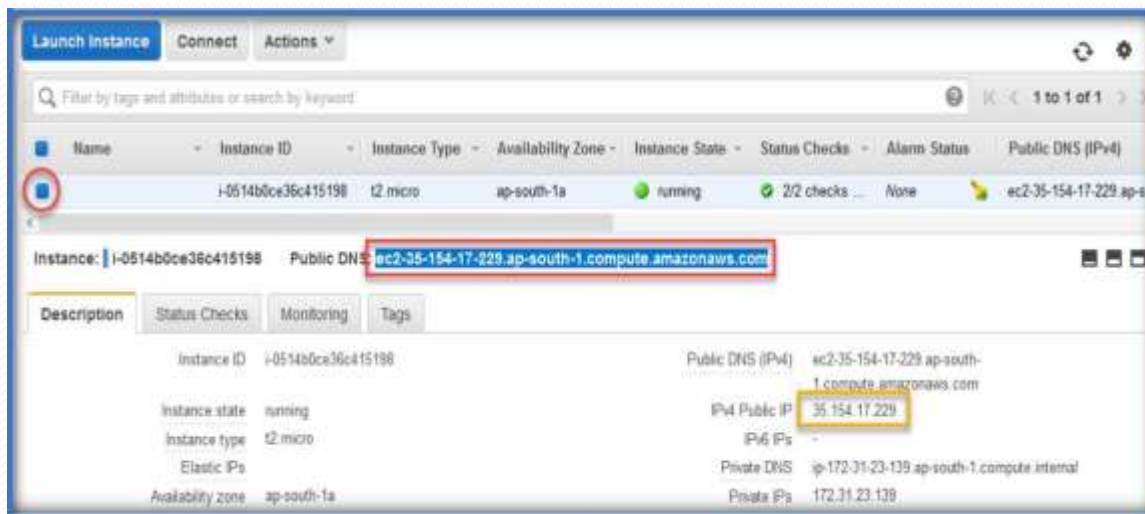
Then specify a name to the ppk file and click save.



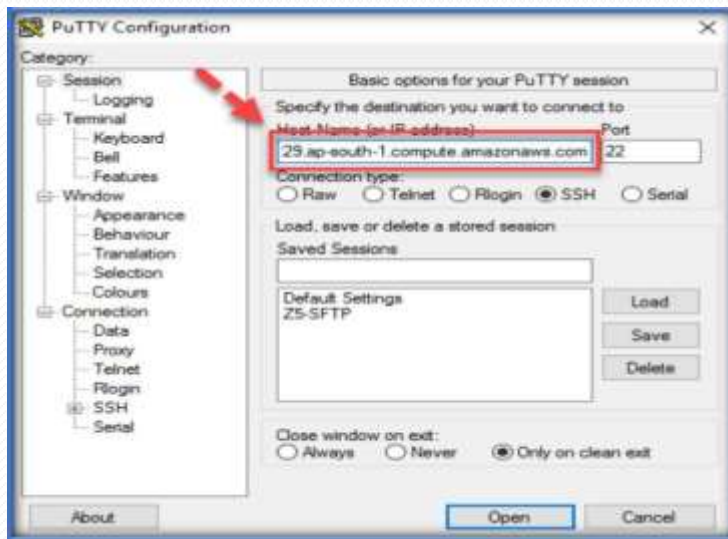
Now open the PuTTY app to start connecting to Linux instance, by double click on it.



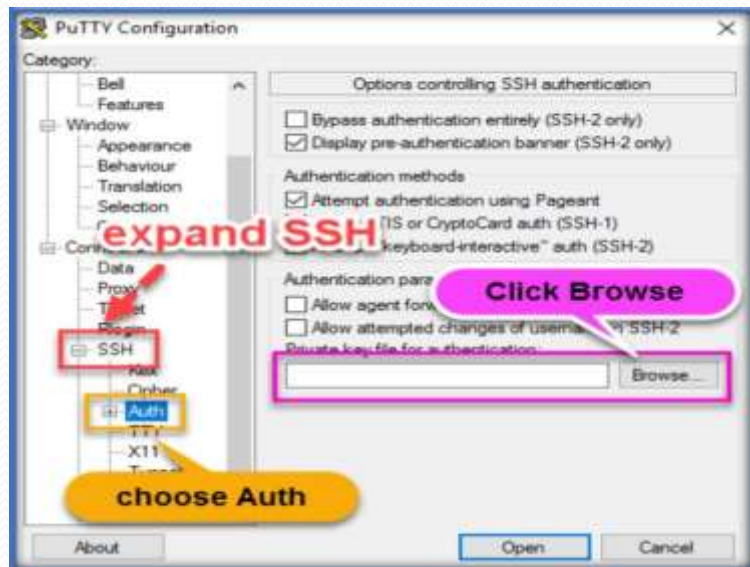
Then go to AWS management console, select the instance and copy either Public DNS or Public IP.



Then paste that in the Hostname or IP Address text box in the PuTTY app.

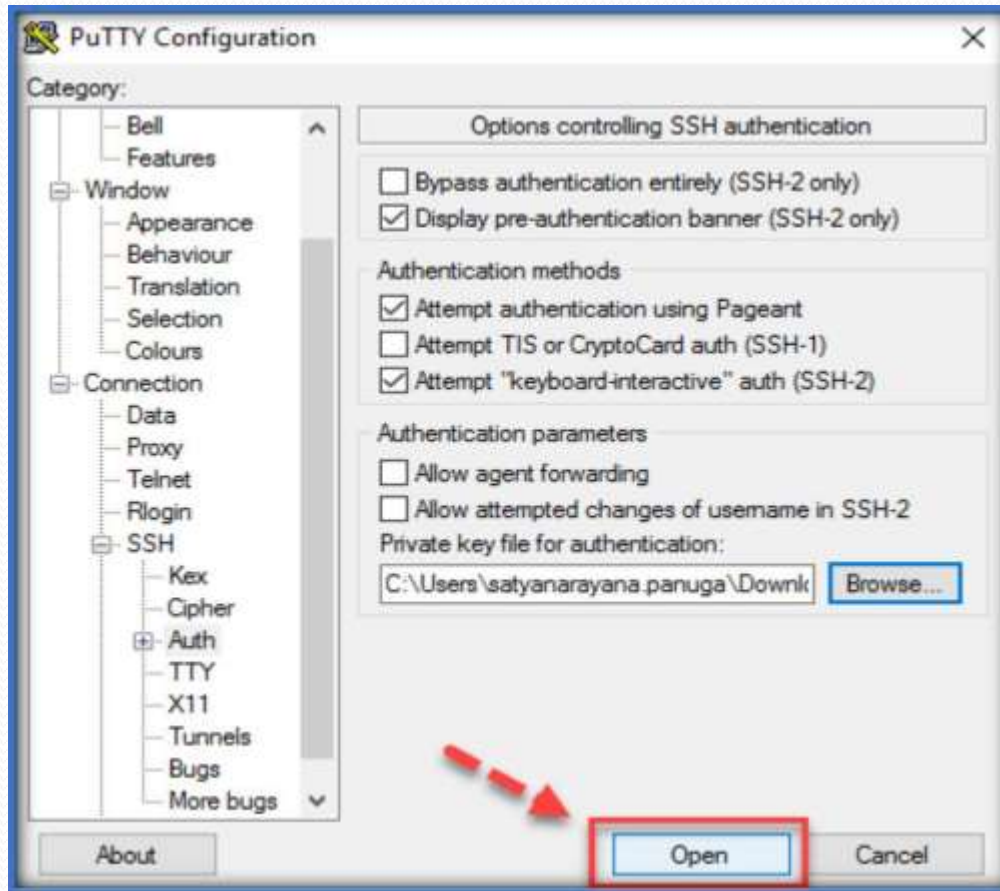


Then expand SSH under Connection, Choose Auth, then click on Browse from left



Choose the PPK file which we converted and click on open.

Next, choose Open on the PuTTY app, to connect to the Linux instance.



Next, choose yes.



Now enter the username based on the Linux distro and enter to connect.

```
ec2-user@ip-172-31-23-139:~  
login as: ec2-user  
Authenticating with public key "imported-openssh-key"  
[ec2-user@ip-172-31-23-139 ~]$
```



**Find the below default usernames for the different Linux distributions.**

LINUX DISTRO	DEFAULT USERNAME
AMAZON LINUX	ec2-user
REDHAT	ec2-user
CENTOS	root
UBUNTU	ubuntu
SUSE	ec2-user
DEBIAN	admin