Connect to the EC2 Instance from your local machine

(Window Machine)

PuTTY Installation:

- For Windows users the required software are:
  - PuTTY
  - PuTTYgen

1. Download and install PuTTY and PuTTYgen from the link below.
   https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html
   or
   Click on the first link:
   PuTTY - Secure Download | SSH.COM - SSH Communications Security

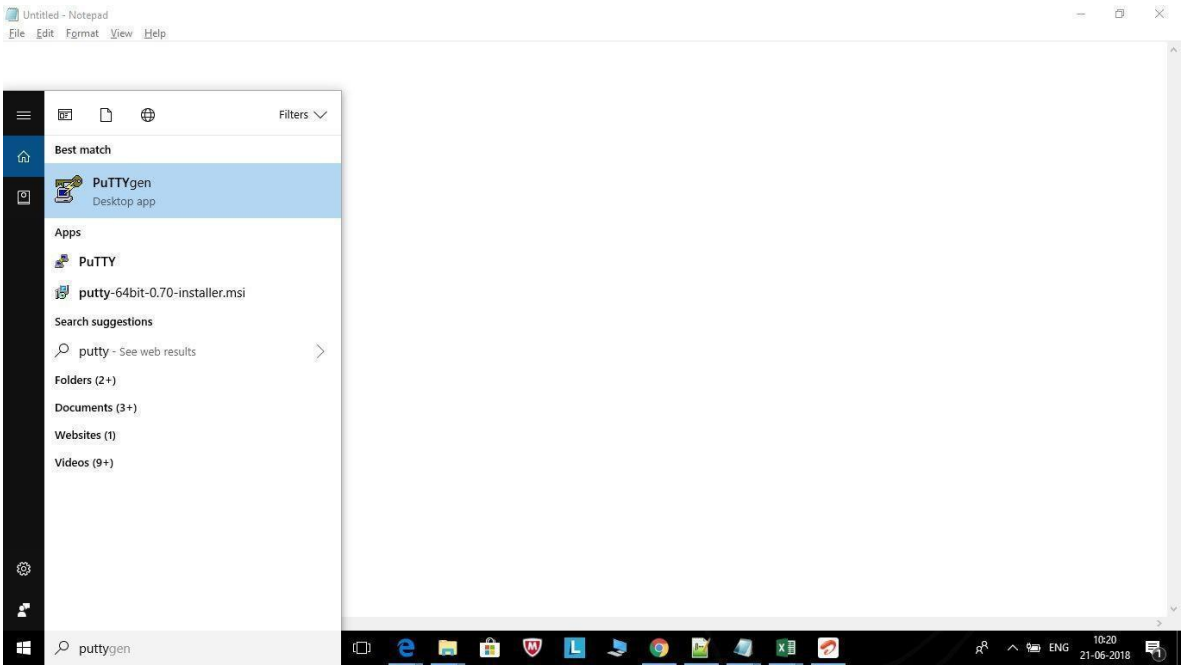
DOWNLOAD PUTTY INSTALLATION PACKAGE FOR WINDOWS

Binary	Platform	Signature	Date
putty-0.70-installer.msi	Windows (any)	GPG signature	2017-07-08
putty-64bit-0.70-installer	Windows (64-bit)	GPG signature	2017-07-08

- If you have a 32-bit OS, then you need to install putty-0.70-installer.msi.
- If you have a 64-bit OS, then choose the latest 64-bit installer file.
- Select the link and it will download PuTTY automatically in your machine and run the software.

  Note: We have successfully installed both PuTTY and PuTTYgen

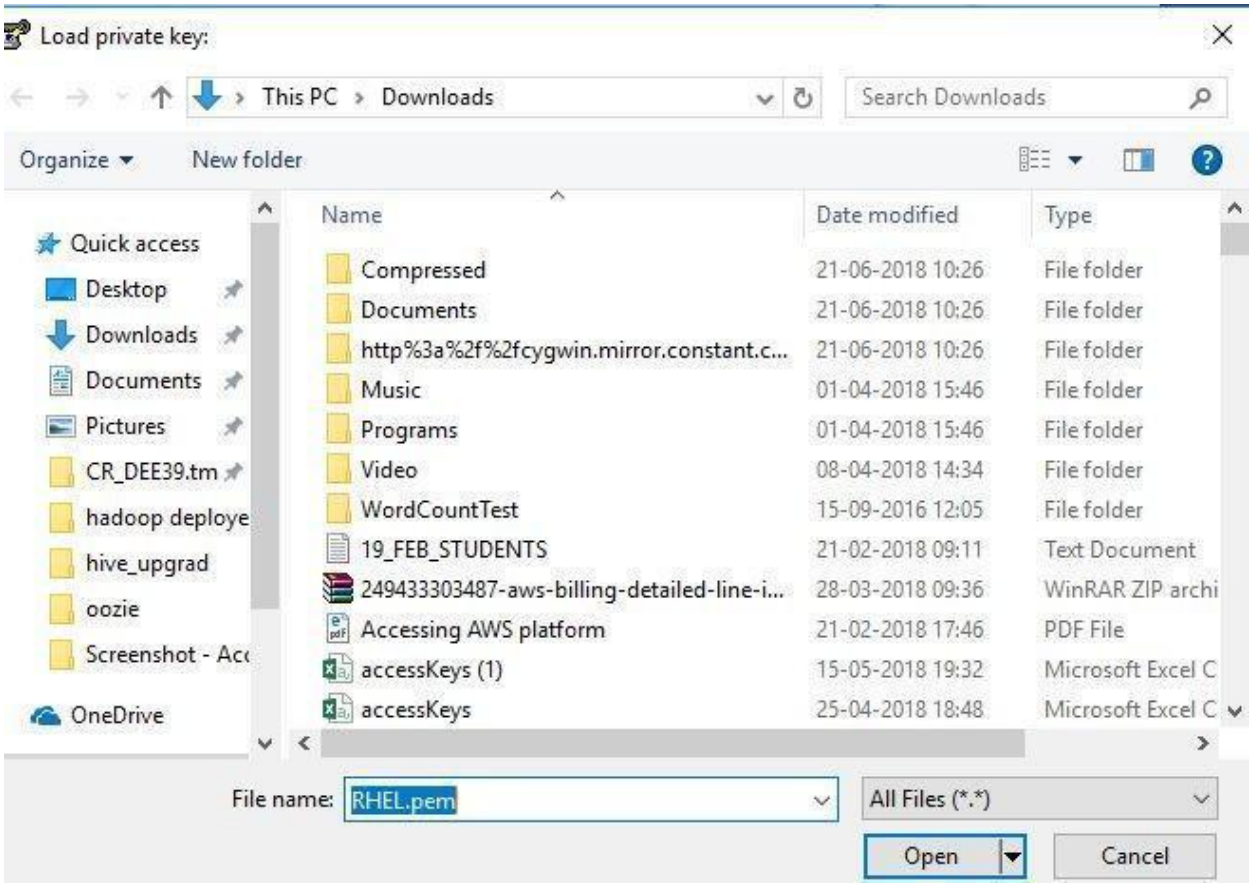
2. Now, go to the ‘Search’ tab on your OS and type ‘putty’; the results will show both PuTTY and PuTTYgen.



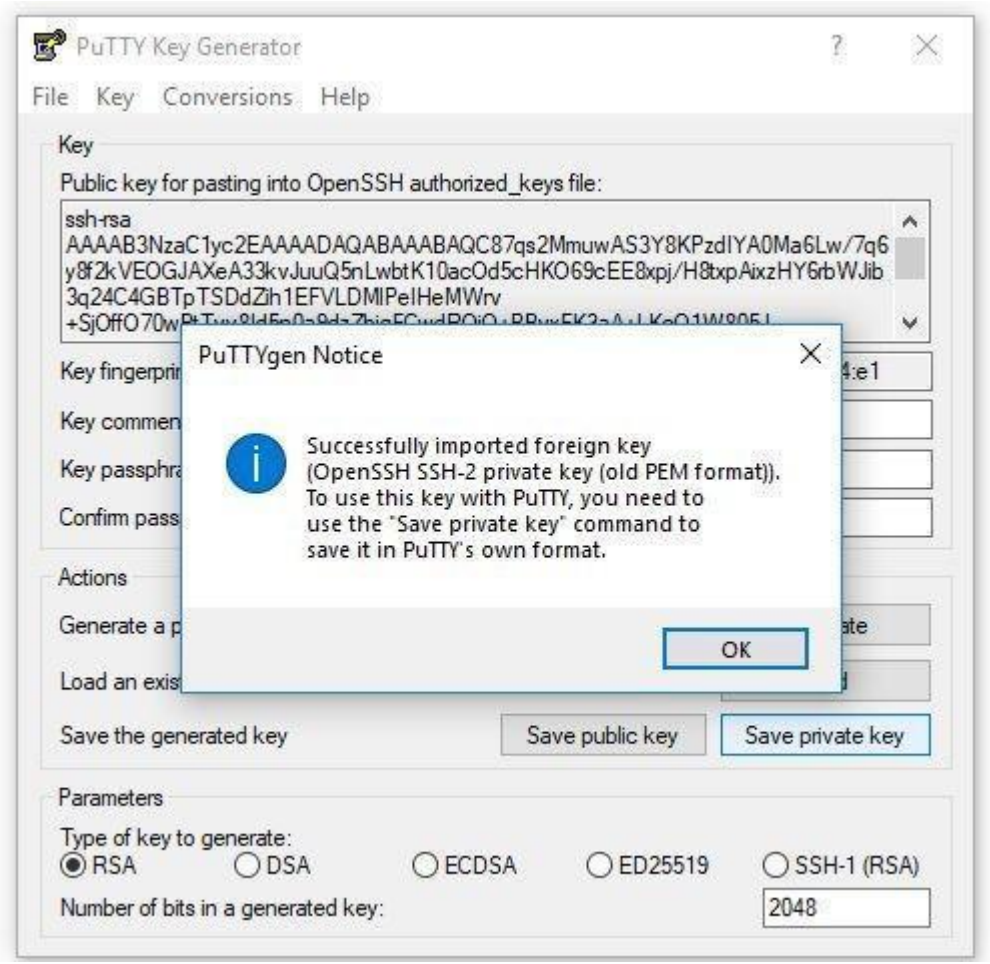
Accessing EC2 instance using PuTTY:

1. For Windows systems, you need to first convert your .pem file to a .ppk file using PuTTYgen. To do this, **open PuTTYgen** and click on **'Load'**.

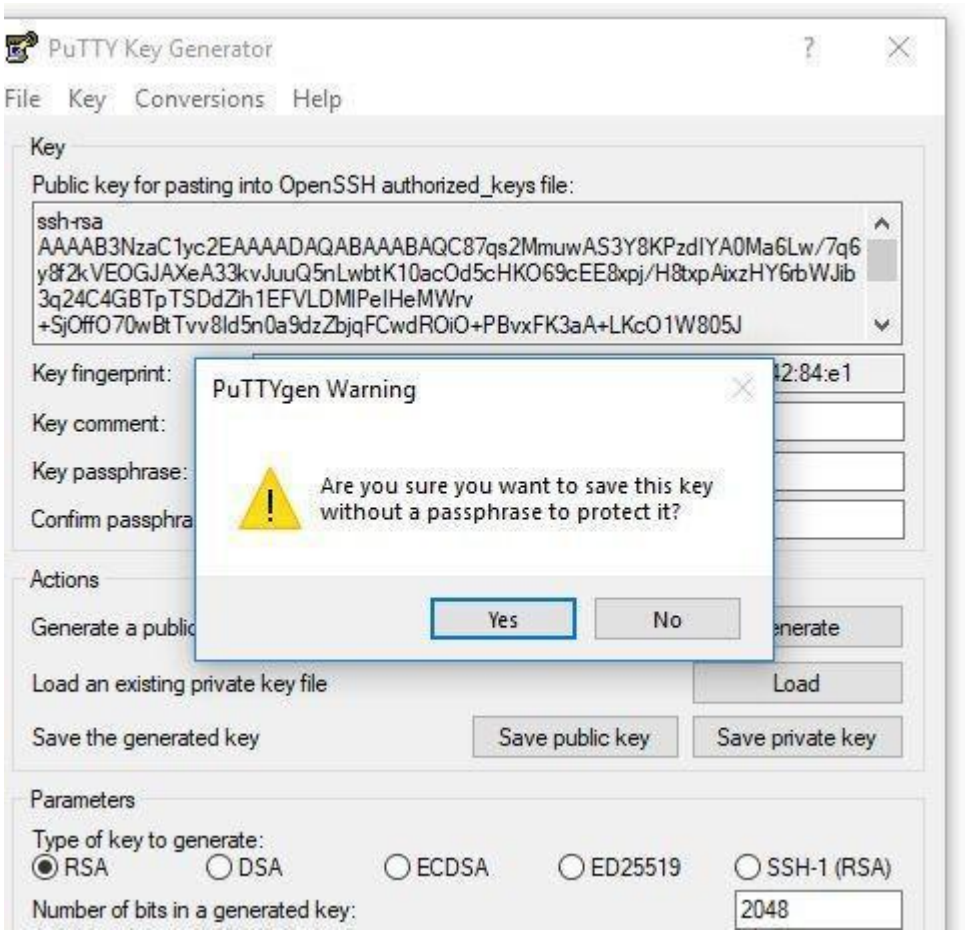
2. Locate the .pem file that you downloaded on your computer and select it. Do not forget to change the file type from .ppk to '**All files**' to locate your **.pem** file.



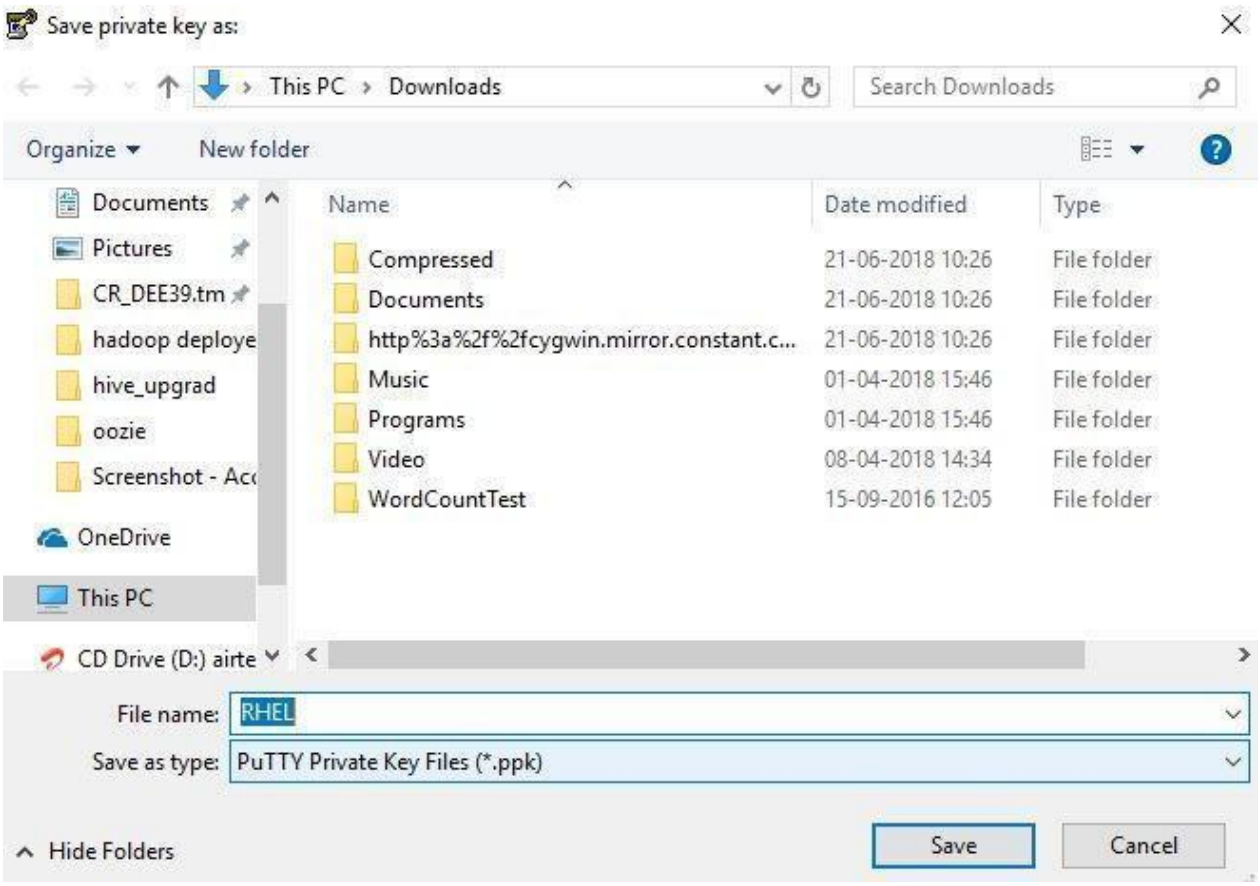
3. Click on **'Open**' and then click on **'Ok'** on the pop up that appears on the screen.



4. The **'Key Passphrase**' is entirely optional. If you want to set a Key Passphrase, then remember to store it in a safe place. This Key Passphrase will be required to connect the local machine to the EC2 instance. Click on '**Save private key'** and then click on **'Yes'**.



5. Save your .ppk file (**RHEL** in our case)

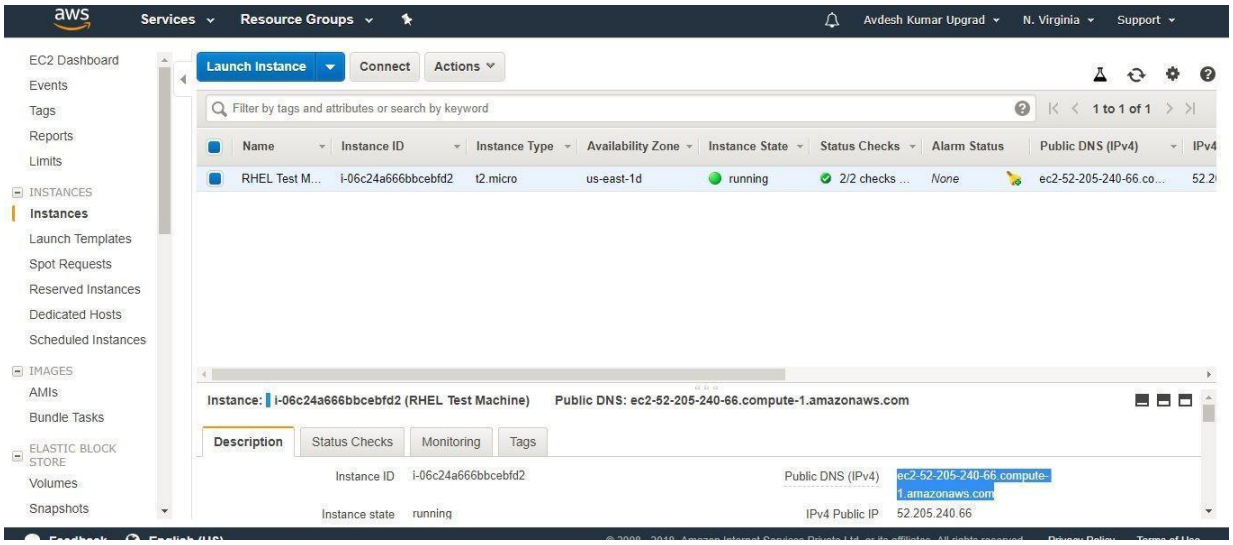


Then, click on close(X).

NOTE:

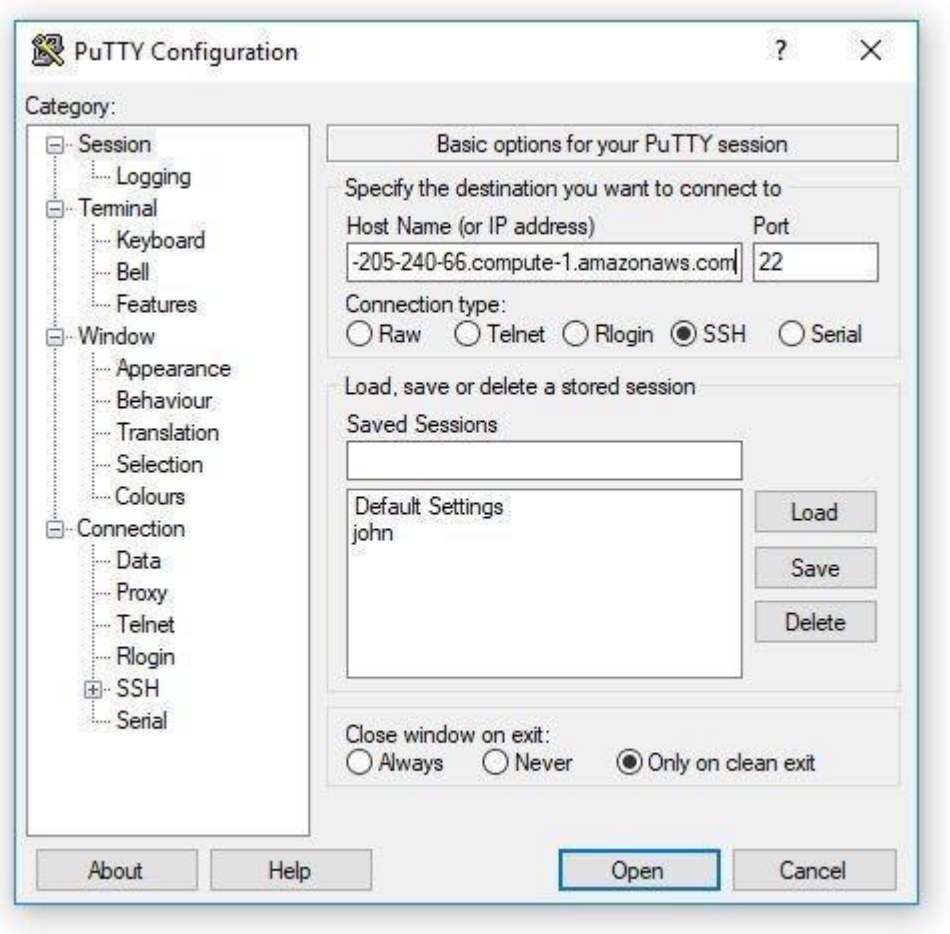
- Make sure you have setup MyIP in your instance's inbound security group.

6. Now, open your EC2 dashboard and select your instance. Copy your **'Public DNS (IPv4)'** information as shown in the screenshot.

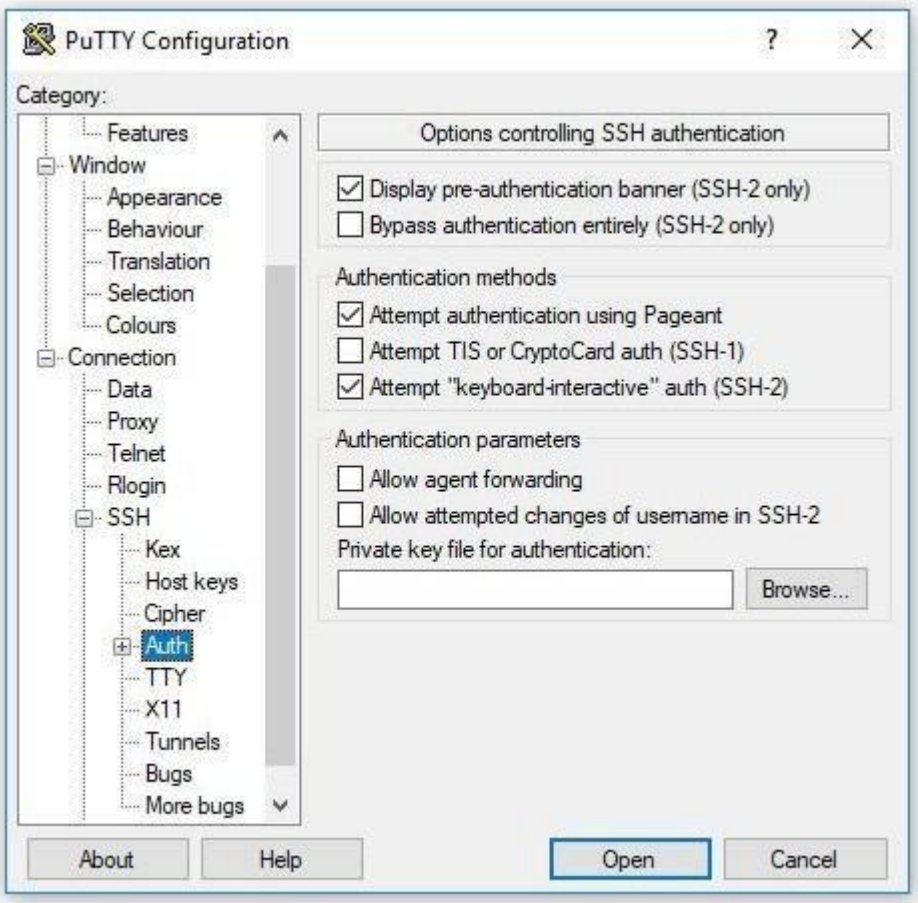


7. Open PuTTY:

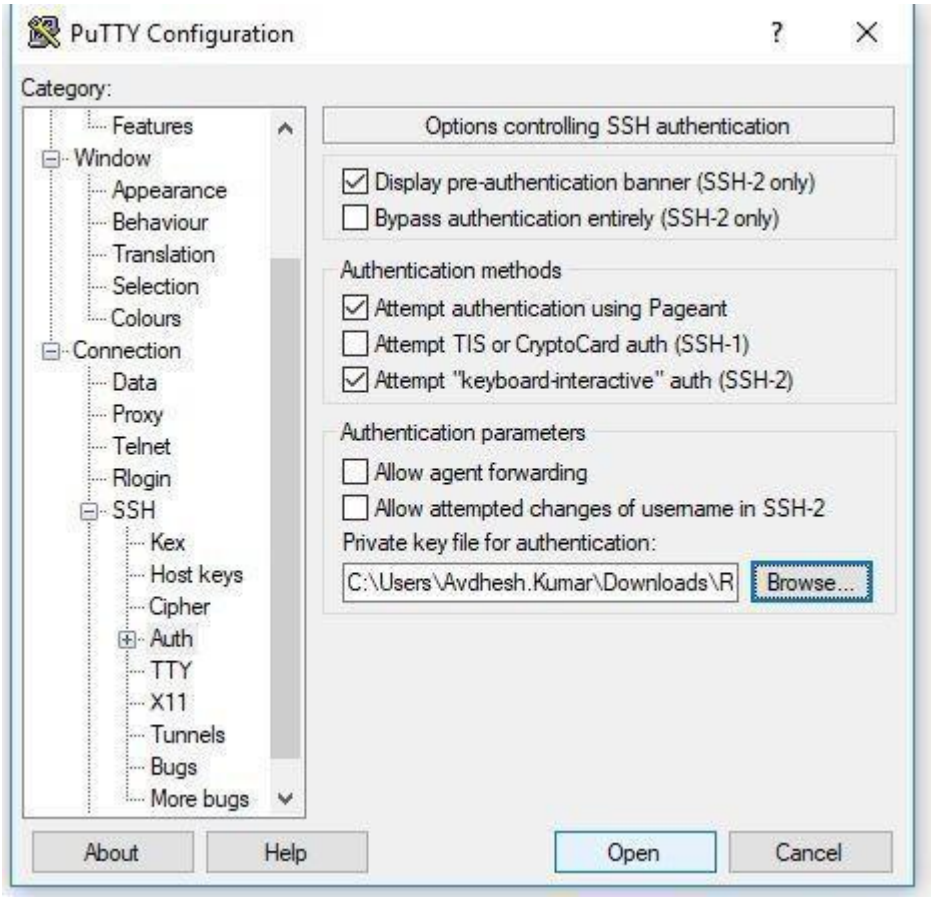
   Under the **‘Host Name’** section, paste the public DNS information of your instance that you just copied.



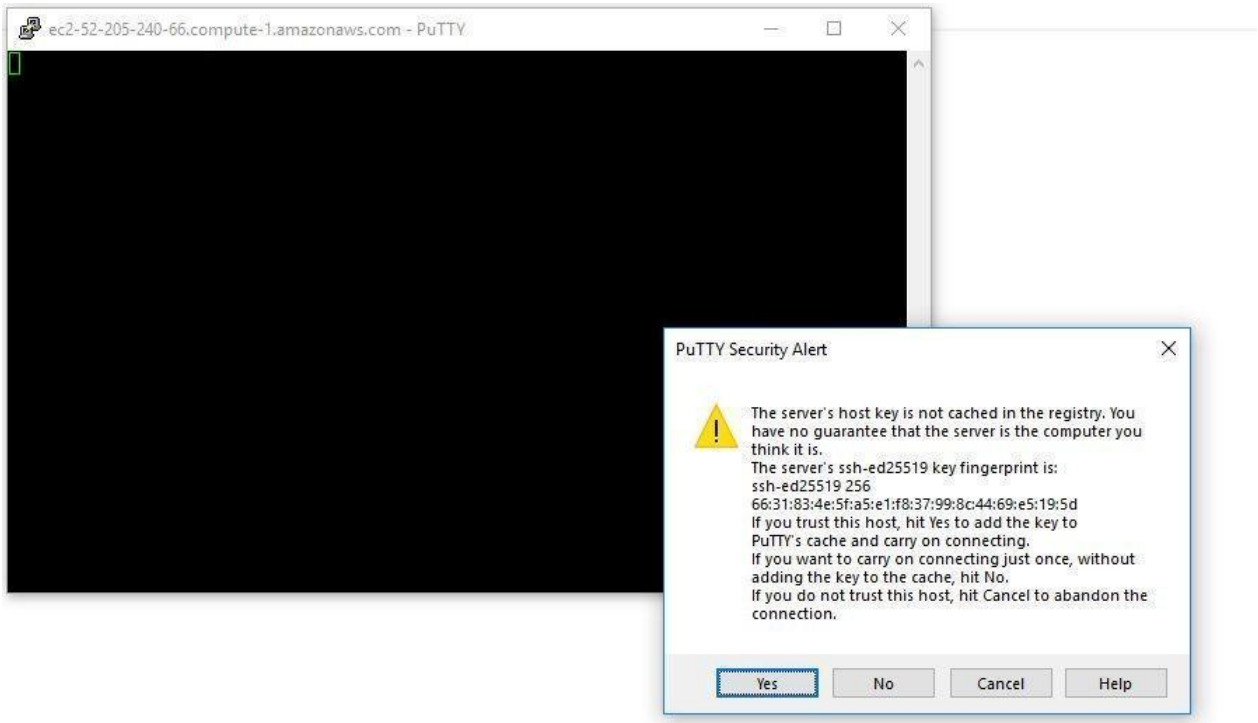
8. On the left-hand side panel, click on **‘Connection’**. Then click on **‘SSH’** followed by **‘Auth’**. In the private key field, click on **‘Browse’**.



9. Select the .ppk file(**RHEL.ppk**) you generated using PuTTYgen and click on **'Open'**.



10. Click on **'Yes'**. and login with **ec2-user**.



Login as **ec2-user**

11. Now, your local machine has successfully established a connection with the EC2 Instance.