

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](#)

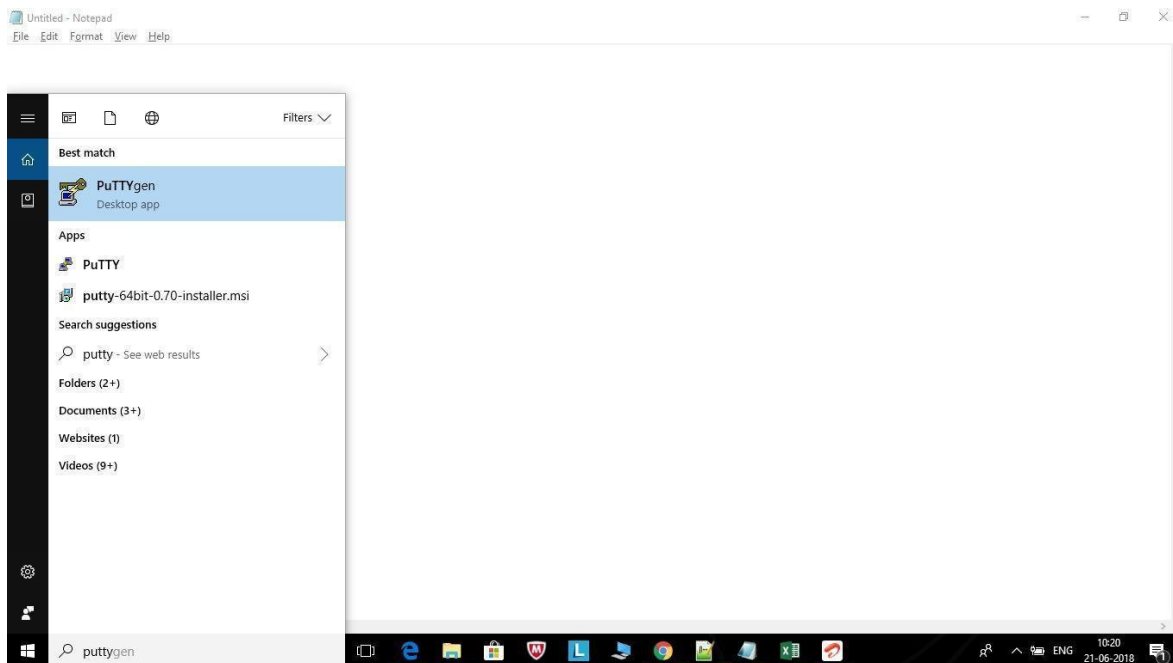
DOWNLOAD PUTTY INSTALLATION PACKAGE FOR WINDOWS

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.

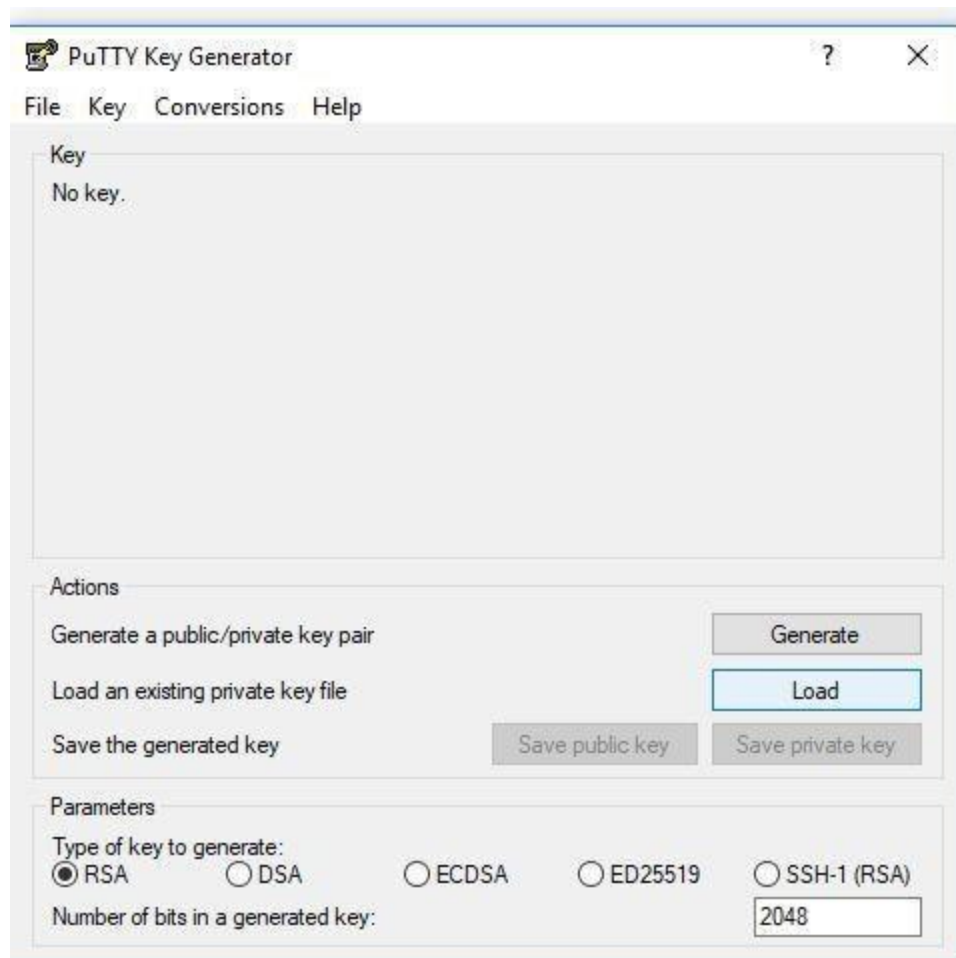
Note: We have successfully installed both PuTTY and PuTTYgen

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

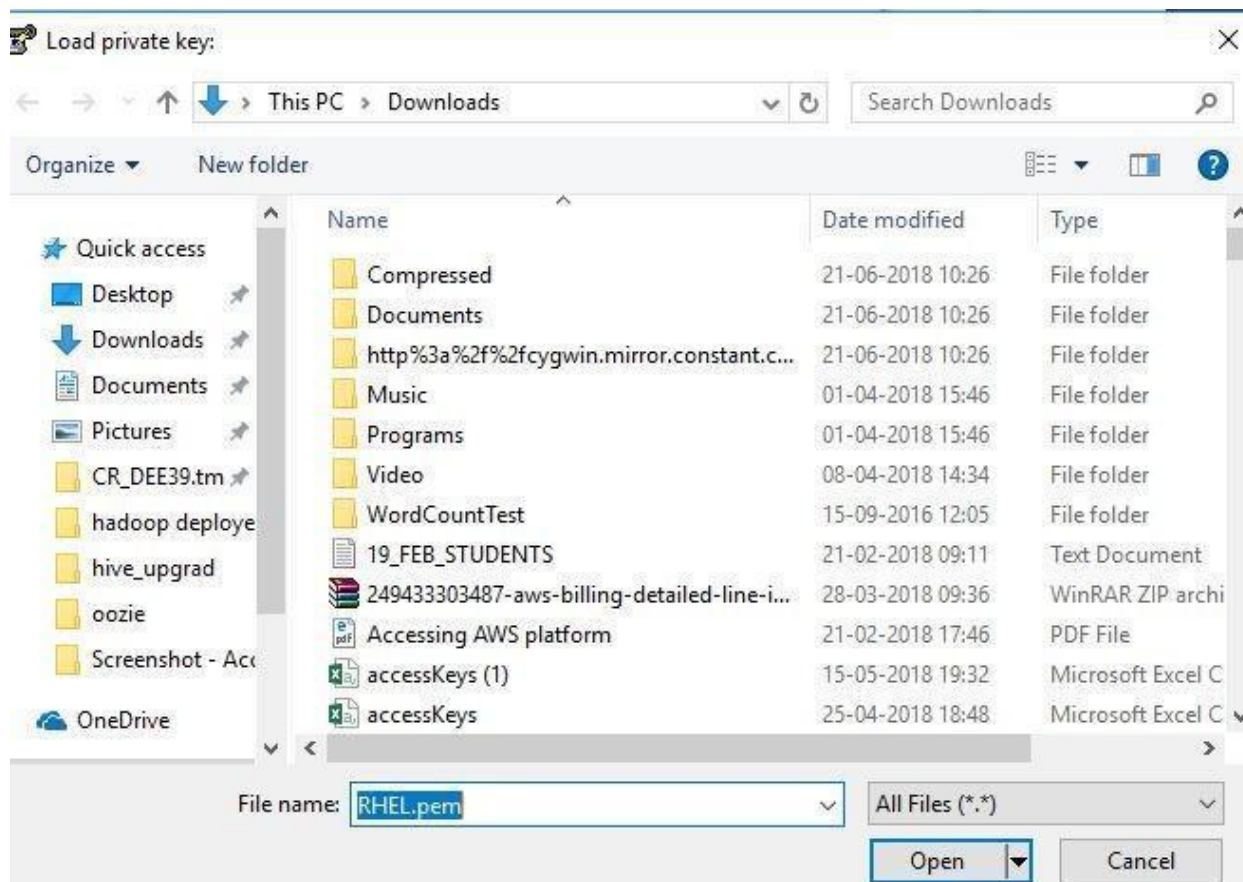


Accessing EC2 instance using PuTTY:

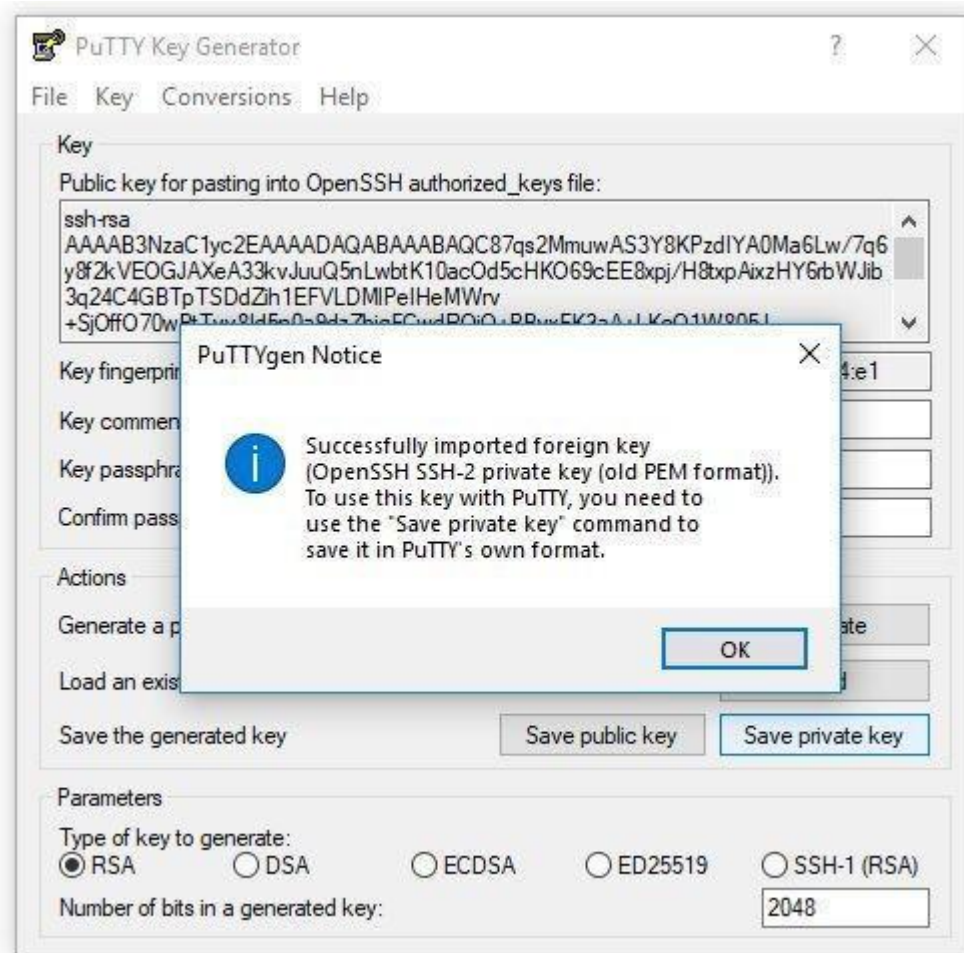
1. For Windows systems, you need to first convert your .pem file to a .ppk file using PuTTYgen. To do this, **open PuTTYgen** and click on '**Load**'.



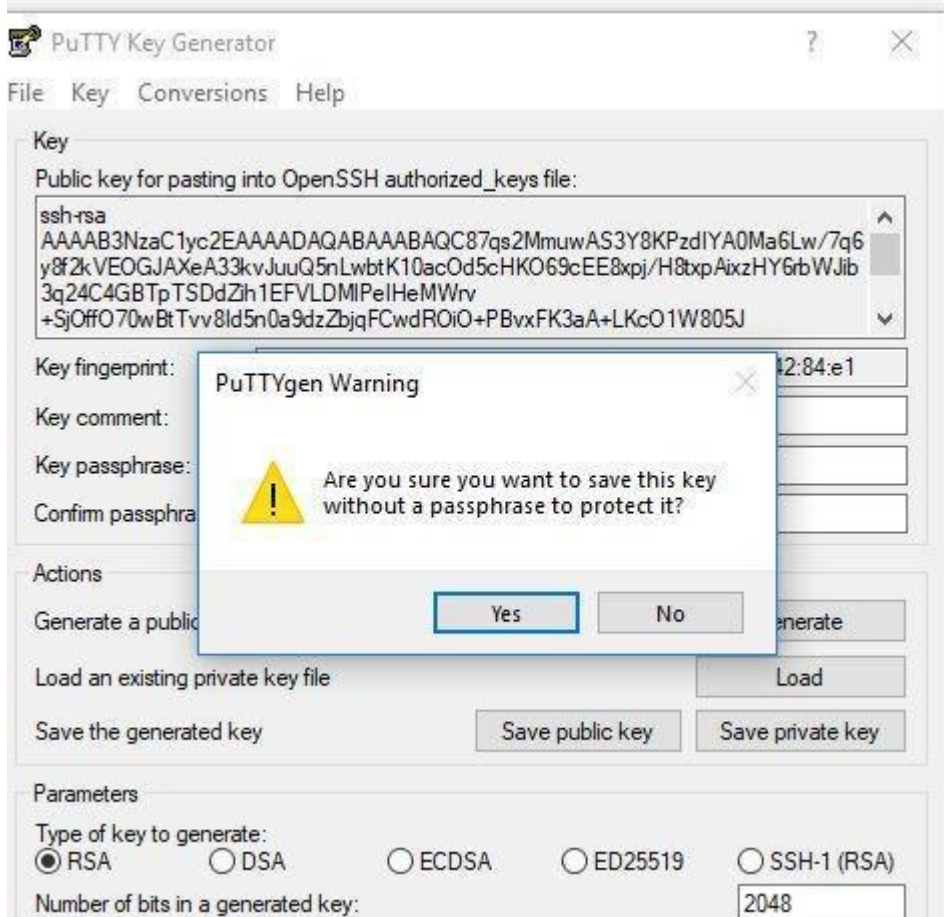
2. Locate the .pem file that you downloaded on your computer and select it. Do not forget to change the file type from .ppk to '**All files**' to locate your .pem file.



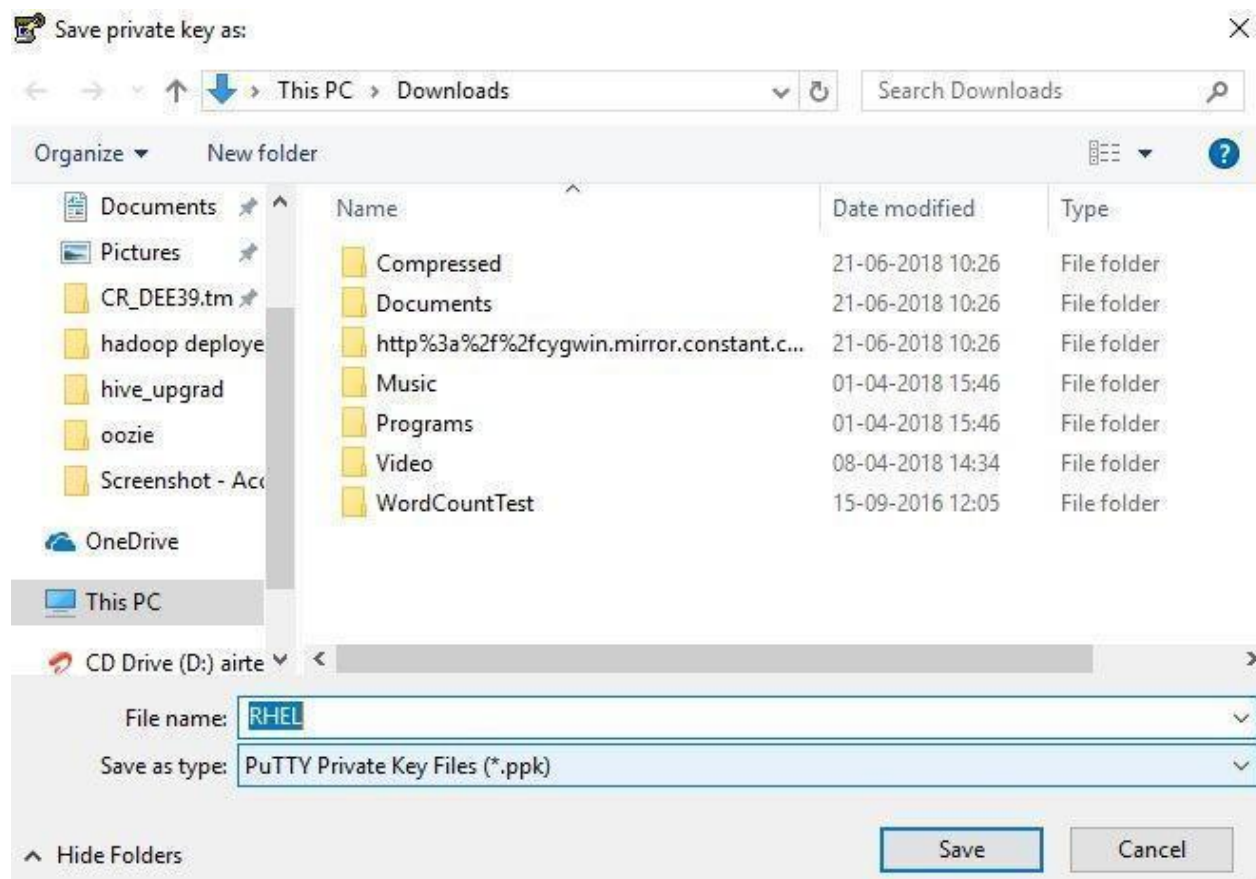
- Click on **'Open'** and then click on **'Ok'** on the pop up that appears on the screen.



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)

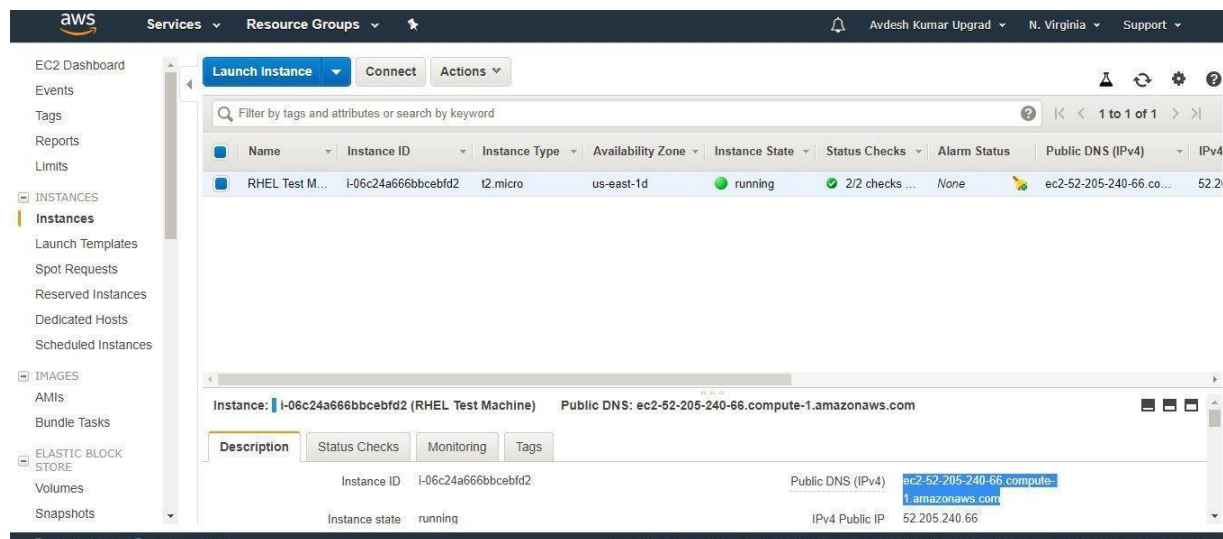


Then, click on close(X).

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.



The screenshot displays the AWS Management Console interface. On the left, the navigation menu shows 'Instances' selected. The main content area shows a table of EC2 instances. One instance, 'RHEL Test M...', is highlighted. Below the table, the 'Description' tab is active, showing details for the instance 'i-06c24a666bbcebfd2'. The 'Public DNS (IPv4)' field is highlighted, showing the value 'ec2-52-205-240-66.compute-1.amazonaws.com'.

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4
RHEL Test M...	i-06c24a666bbcebfd2	t2.micro	us-east-1d	running	2/2 checks ...	None	ec2-52-205-240-66.co...	52.2

Instance: **i-06c24a666bbcebfd2 (RHEL Test Machine)** Public DNS: **ec2-52-205-240-66.compute-1.amazonaws.com**

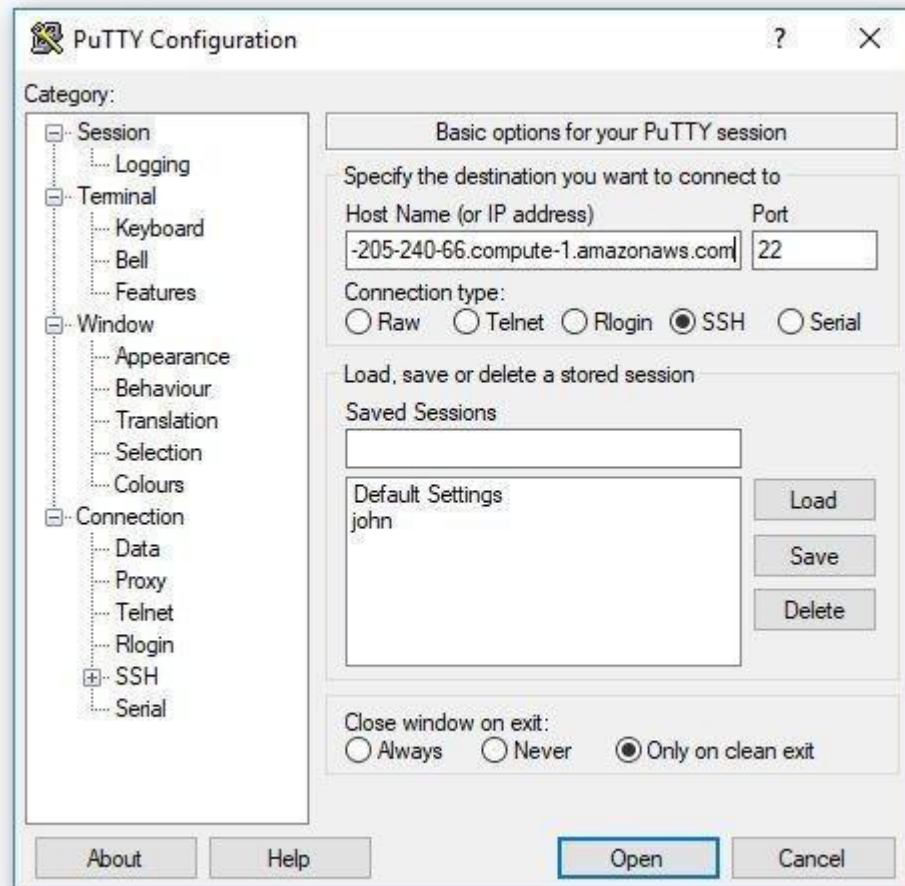
Description Status Checks Monitoring Tags

Instance ID: i-06c24a666bbcebfd2 Public DNS (IPv4): **ec2-52-205-240-66.compute-1.amazonaws.com**

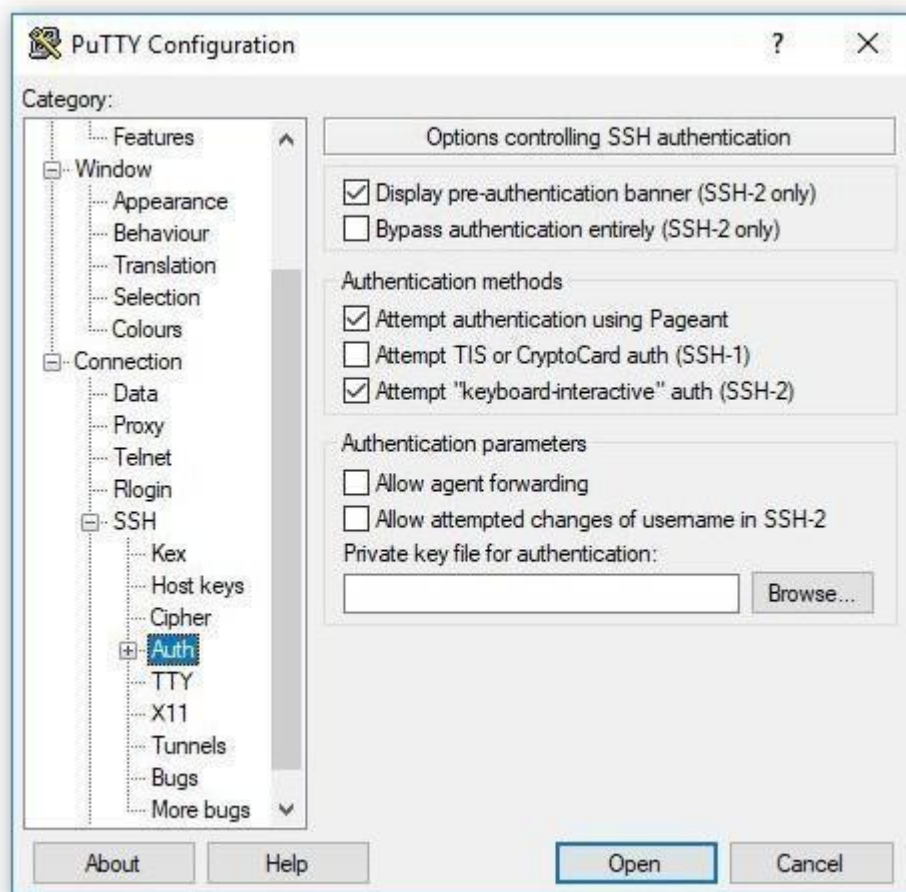
Instance state: running IPv4 Public IP: 52.205.240.66

7. Open PuTTY:

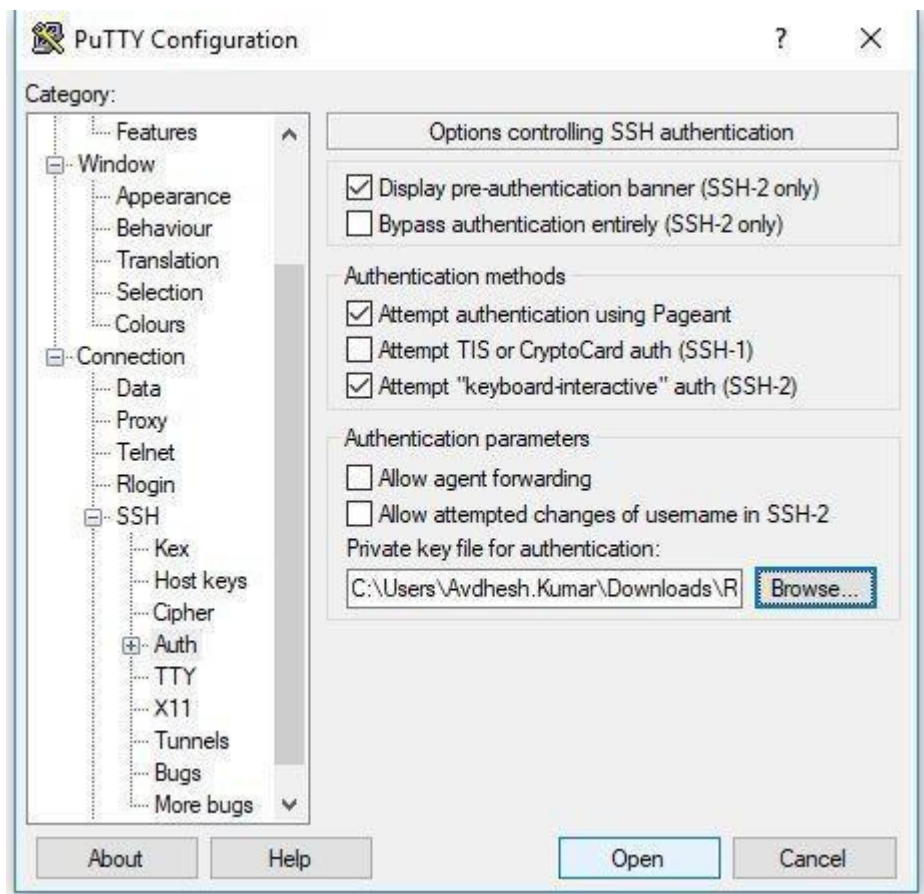
Under the '**Host Name**' section, paste the public DNS information of your instance that you just copied.



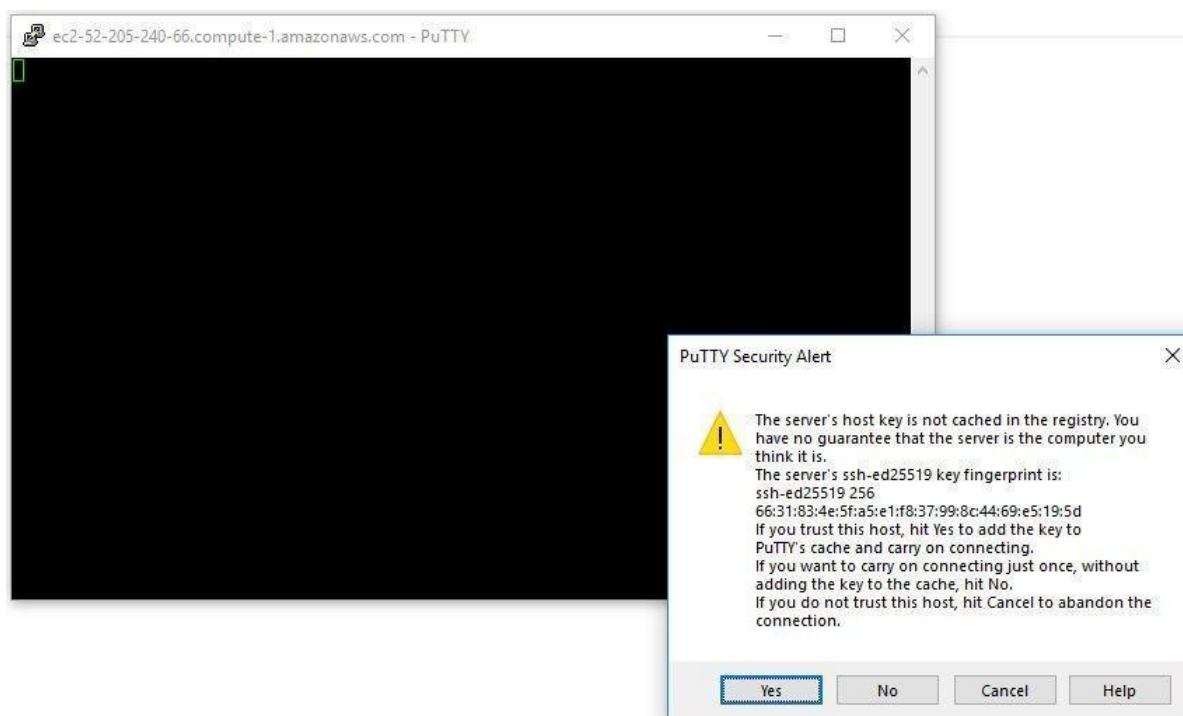
8. On the left-hand side panel, click on '**Connection**'. Then click on '**SSH**' followed by '**Auth**'. In the private key field, click on '**Browse**'.



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.