Connecting to an EC2 instance (Linux/Mac)

For Linux/Mac systems, **you don't need to convert your .pem file to a .ppk file** (like Windows users).

1. Open **'Terminal'** on your system and go to the location where you downloaded the **.pem file**.

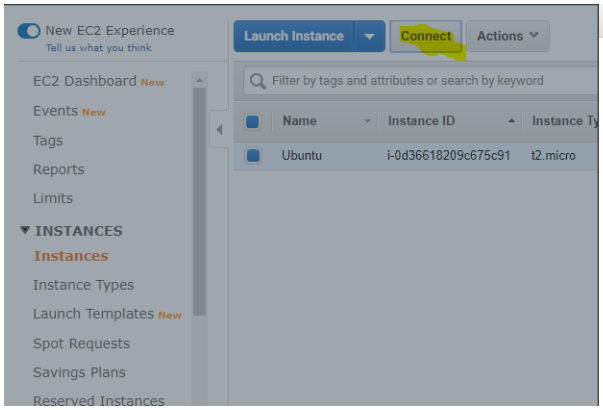
   Let's say that your .pem file was downloaded in the 'Downloads' folder. You need to first change your current working directory to the 'Downloads' directory. To do that, use the following '**cd**' command: **cd ./Downloads/**

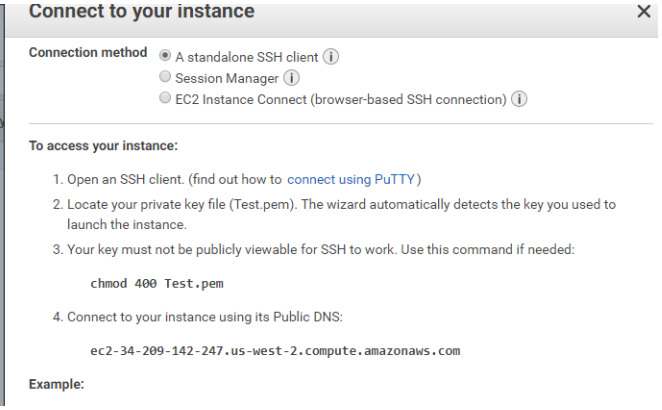
2. Next, run the ' **ls** ' command, which lists all the files in a given Linux directory. Verify that your .pem file exists in the given directory.

3. Change the permissions of the .pem file to 400, which gives the read permission and removes all other permissions from the user. The command is shown below. (Test.pem is the filename in our case.)

   chmod 400 Test.pem

4. Now, go back to your EC2 instance page and click on the 'Connect' button to get the command for the connection. After clicking, you will see the following screen appear.





5. Use the command shown under ‘Example’ on your screen to connect to the instance. The command is

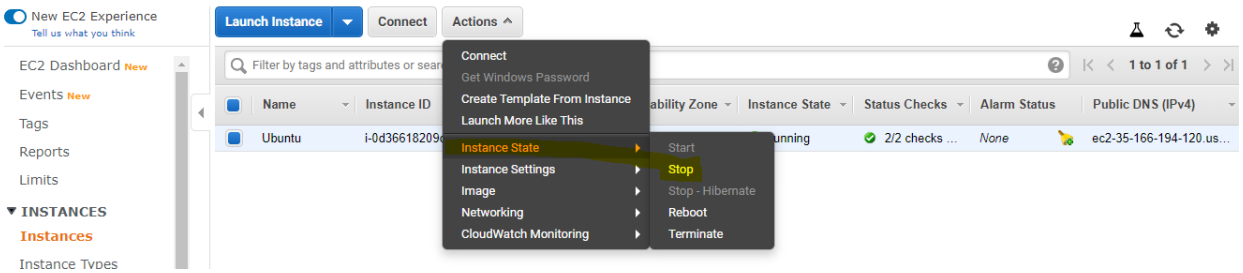
   ssh -i Test.pem ubuntu@public_dns_name

   Replace the public_dns_name with your own public DNS name. Also, before running this command, ensure that you are present in the directory in which your .pem file is present. This can be checked using the ‘ **pwd** ’ command, which writes the full path of the current working directory.

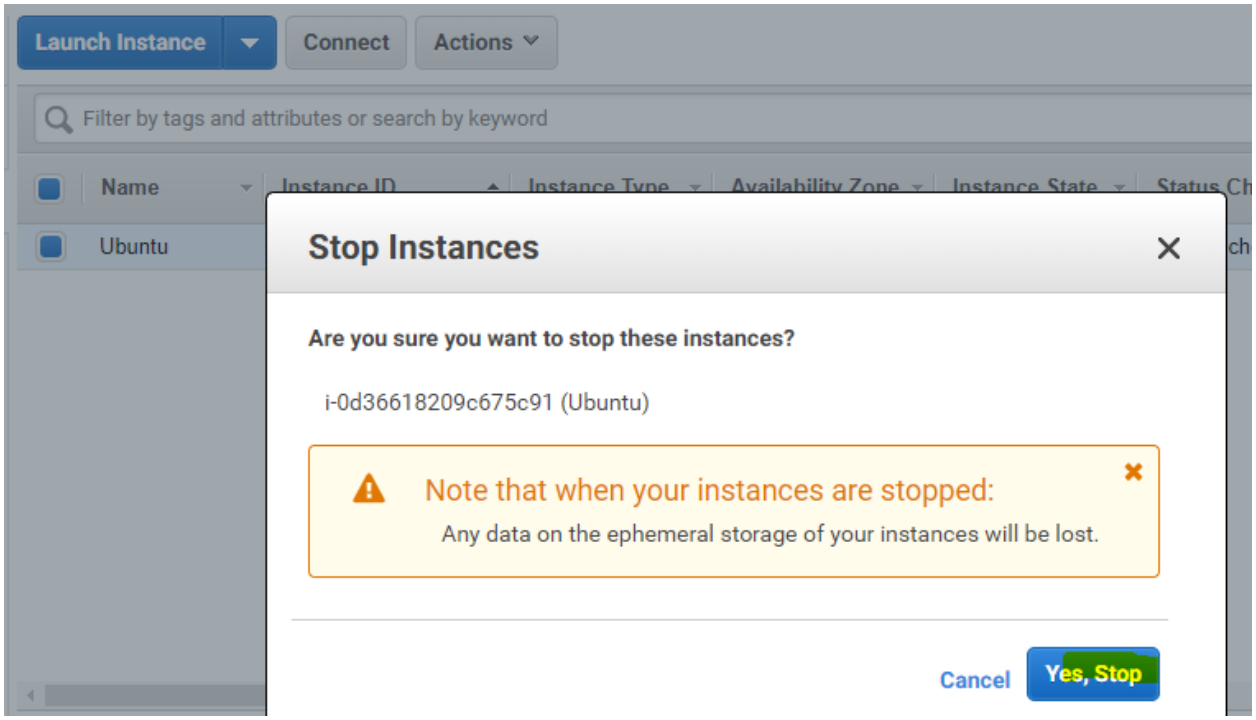
6. If you have provided correct IP under the Security Groups, you will receive a window prompt. Type **‘Yes’**. inside the terminal and press Enter. Instance will be launched.

NOTE-: After you have created the instance, please stop the t2.micro instance when your work is over. Otherwise, your credits will get deducted. The steps to stop the instance are given below:

1. Go to your EC2 dashboard and select your ec2 instance then click to “Action” > Instance State > Stop



2. Click on **Yes.Stop.**



3. Verify with Instance state.it should be stopped state and colour state is Red.