

For Linux/Mac OS users to connect to the EC2 Instance

Prerequisite:

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

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

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 user read permission and removes all other permissions.

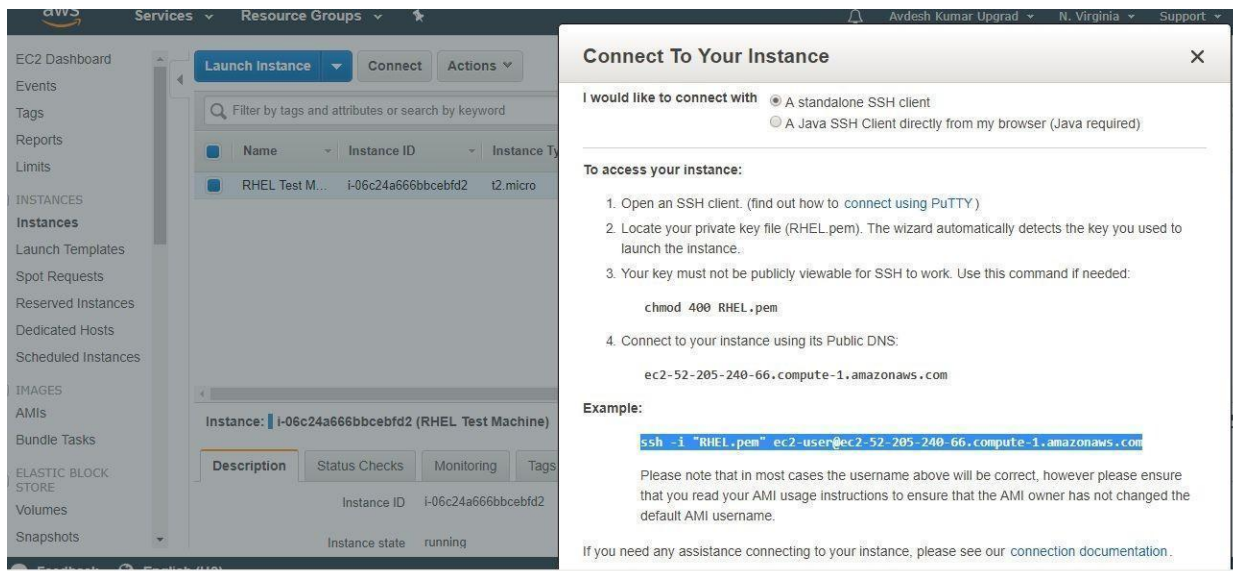
The command is shown below. (RHEL.pem is the filename in our case)

```
chmod 400 RHEL.pem
```

```
(base) abhinavrawat@son-of-anton:test_pem$ ls
RHEL.pem
(base) abhinavrawat@son-of-anton:test_pem$ chmod 400 RHEL.pem
(base) abhinavrawat@son-of-anton: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 RHEL.pem ec2-user@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. The command is — `pwd`

6. Then, run the following command to establish the connection:

```
ssh -i RHEL.pem ec2-user@ec2-34-227-151-238.compute-1.amazonaws.com
```

then, enter on 'yes', when asked by the terminal.

```
(base) abhinavrawat@son-of-anton:test_pem$ ssh -i RHEL.pem ec2-user@54.226.150.11
The authenticity of host '54.226.150.11 (54.226.150.11)' can't be established.
ECDSA key fingerprint is SHA256:I8sYw7S466PHNaUJBBxPNvnDLIo4HNE+uPFqbv8h0Bs.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '54.226.150.11' (ECDSA) to the list of known hosts.
Last login: Fri Feb 14 10:10:40 2020 from 114.143.174.206
[ec2-user@ip-10-0-0-32 ~]$
```