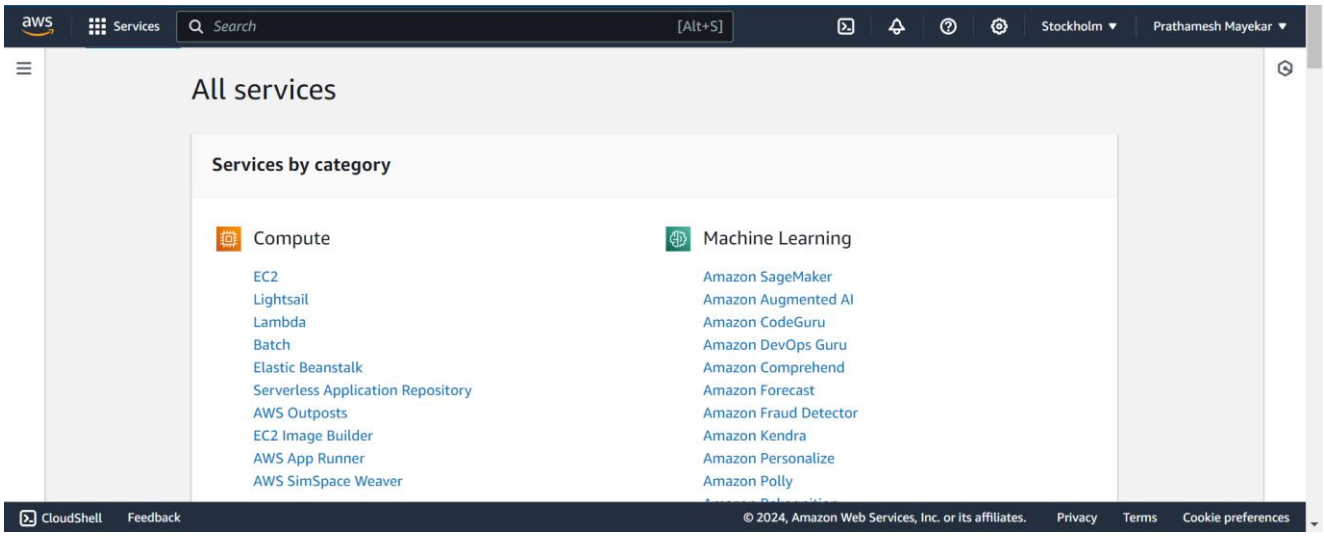
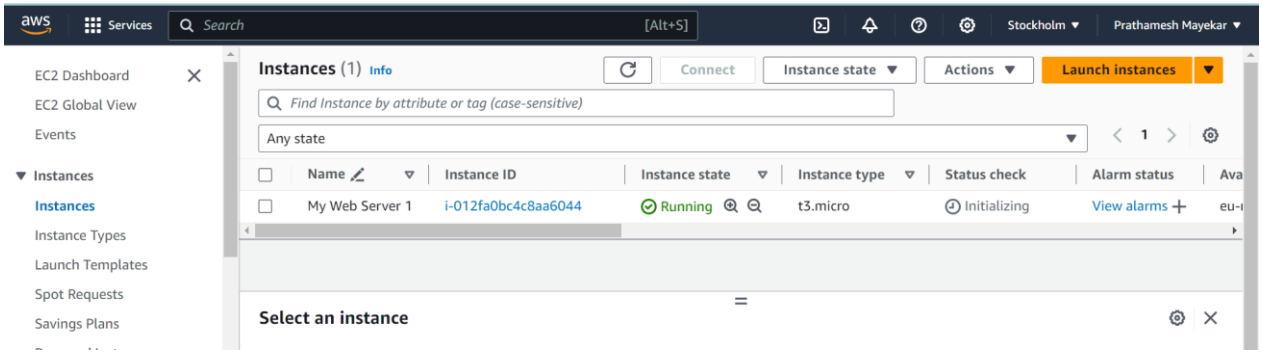
Practical 1: Infrastructure as a service

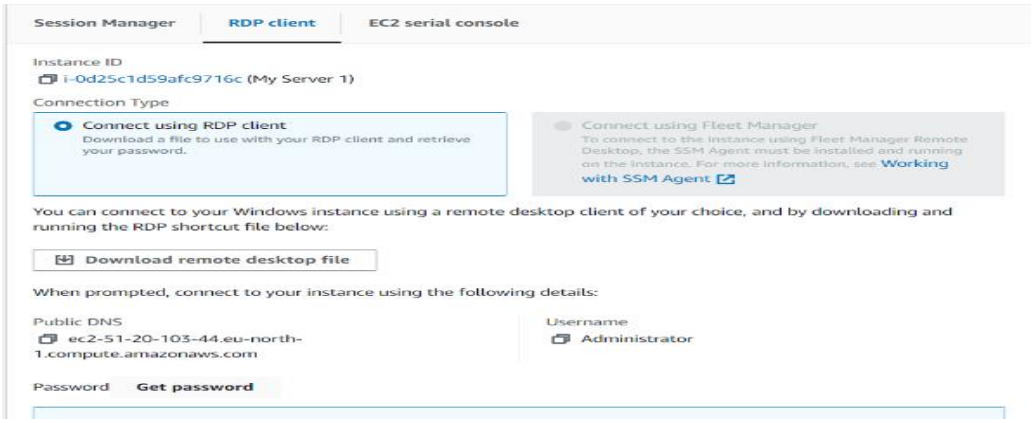
1. **Sign in to your aws acc**
2. **Select all services**
3. **Select EC2**



4. **Launch Instance**
5. **Put name, create key value pair pem and save**
6. **Select Windows**
7. **Launch the instance**
8. **Go to instances and refresh**

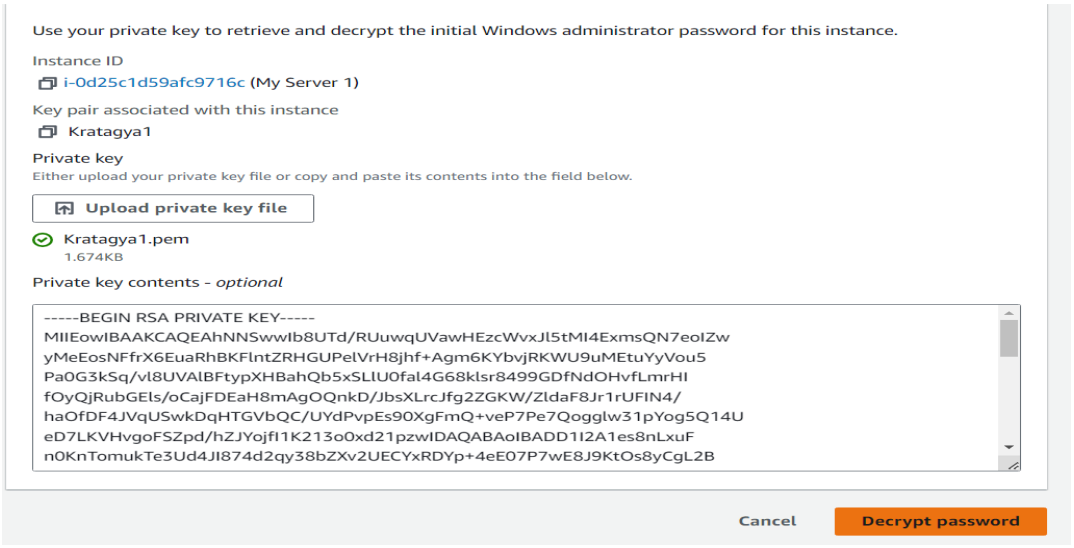


9. **It will initialize and then start running**
10. **Select the instance**
11. **Click on connect, for connecting to RDP client**



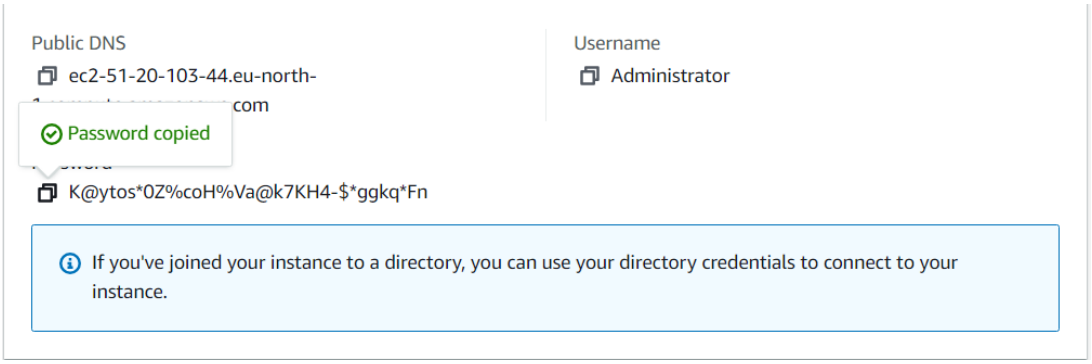
12. **Click on get password and save the pass**

13. **Upload key value file**

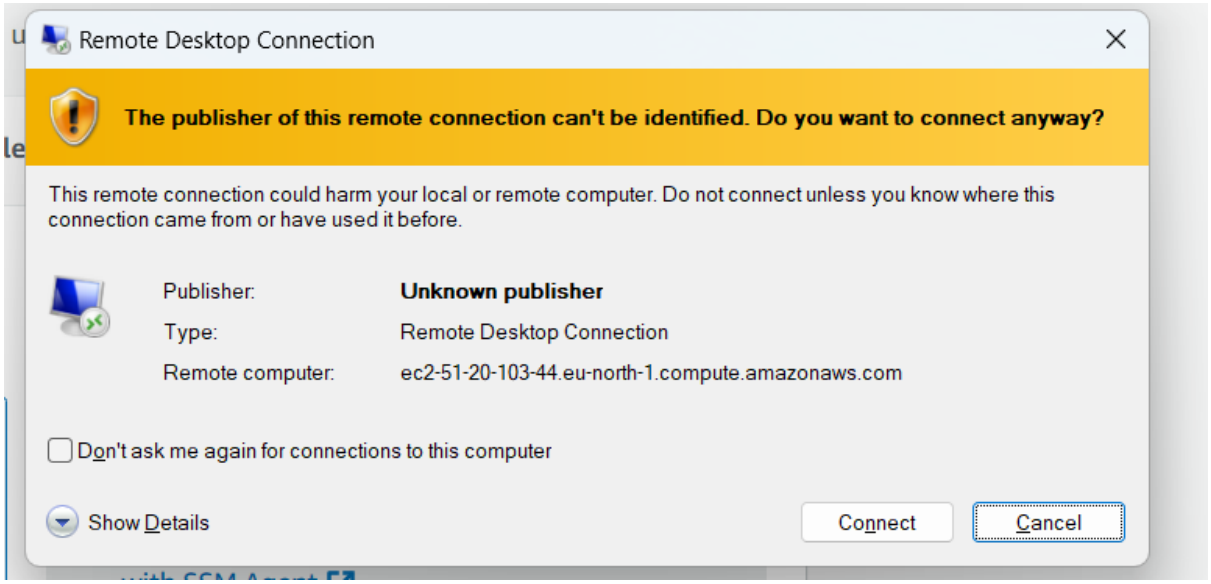


14. **Decrypt pass**

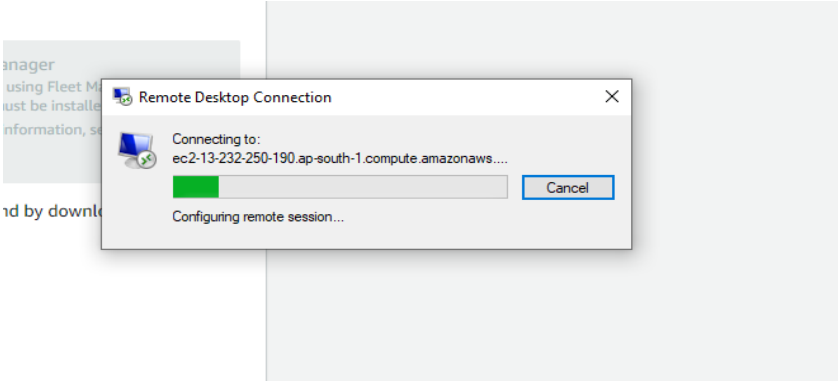
15. **Save the pass- K@ytos*0Z%coH%Va@k7KH4-$*ggkq*Fn**



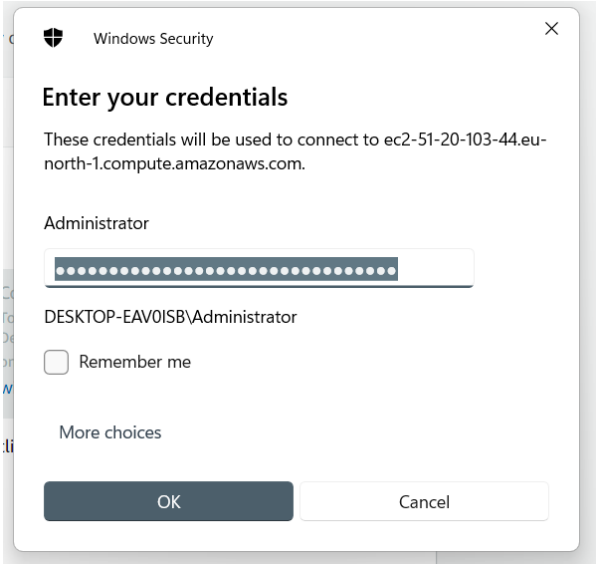
16. **Go back to Instance, connect then download RDP file**
17. **Open RDP**



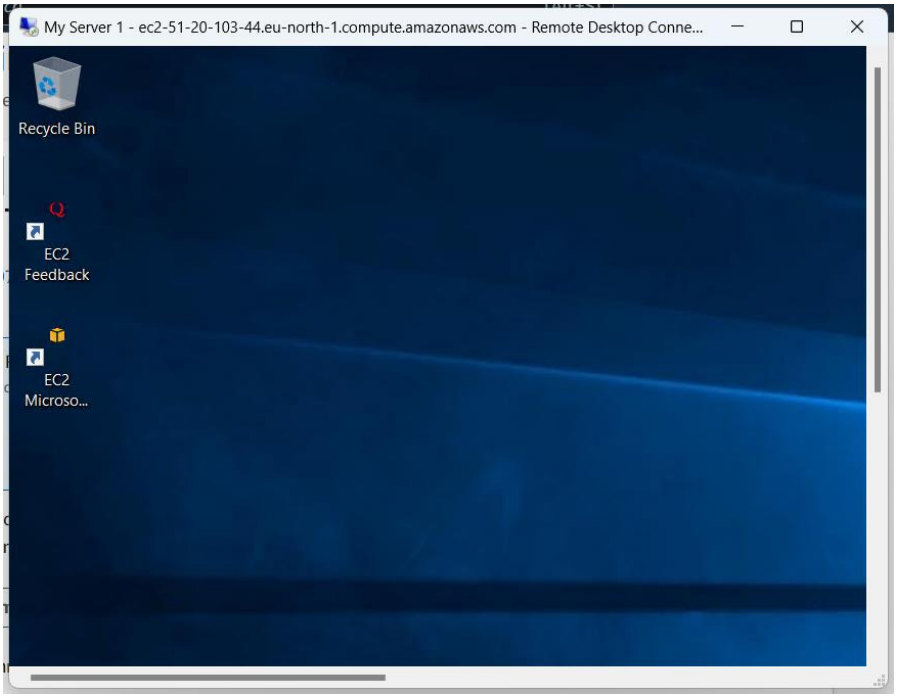
18. Connect RDP :



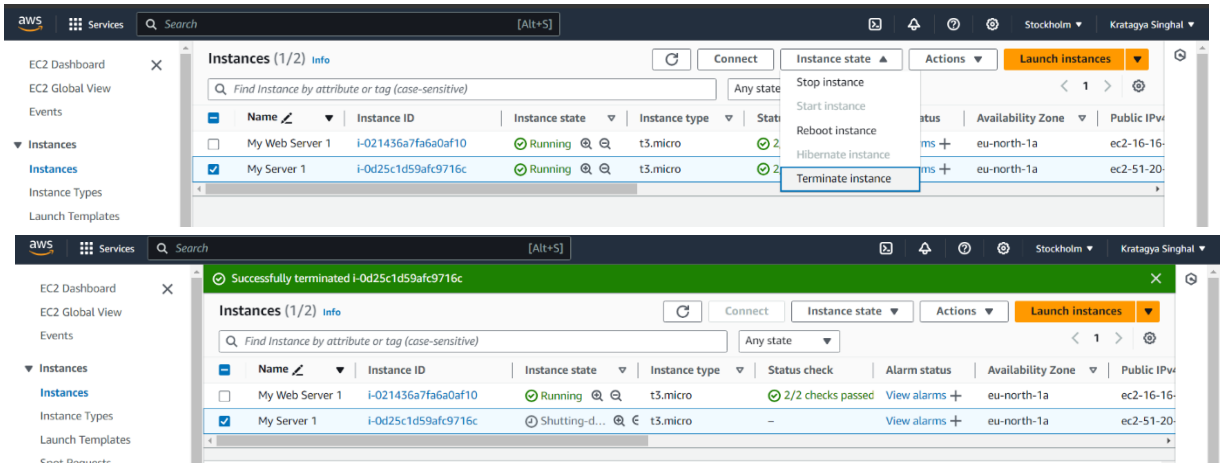
19. Enter creds



20.

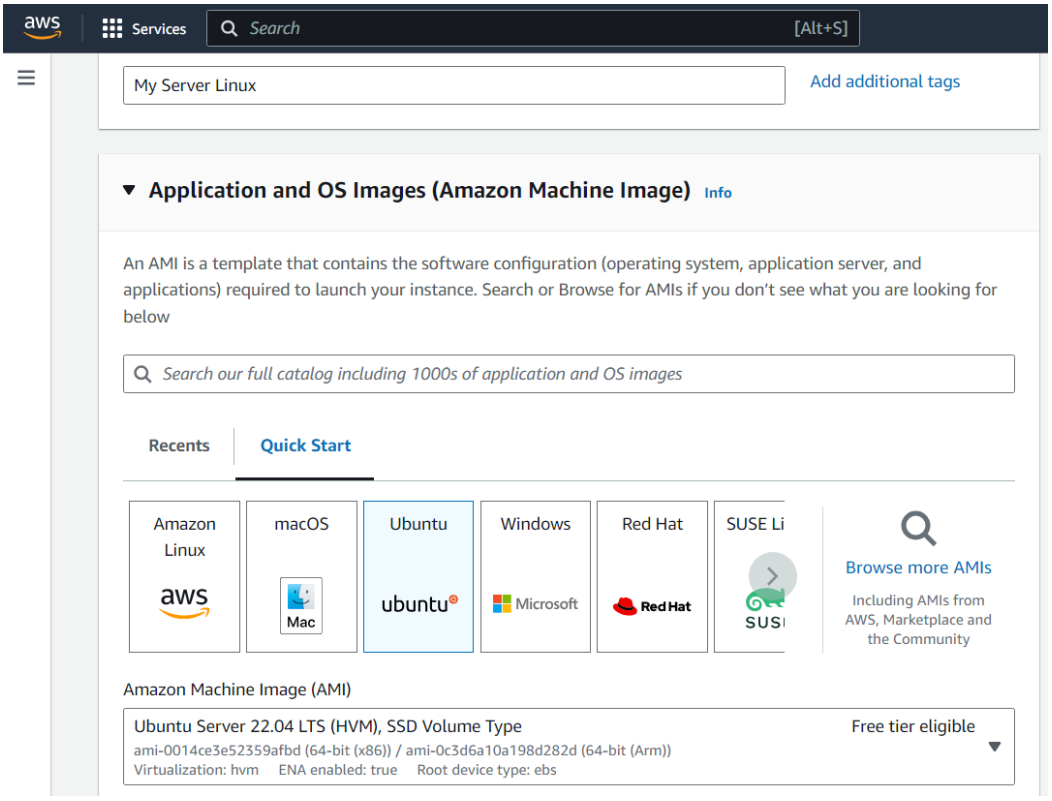


21. **Close RDP**
22. **Go back to instances**
23. **Terminate the instance**

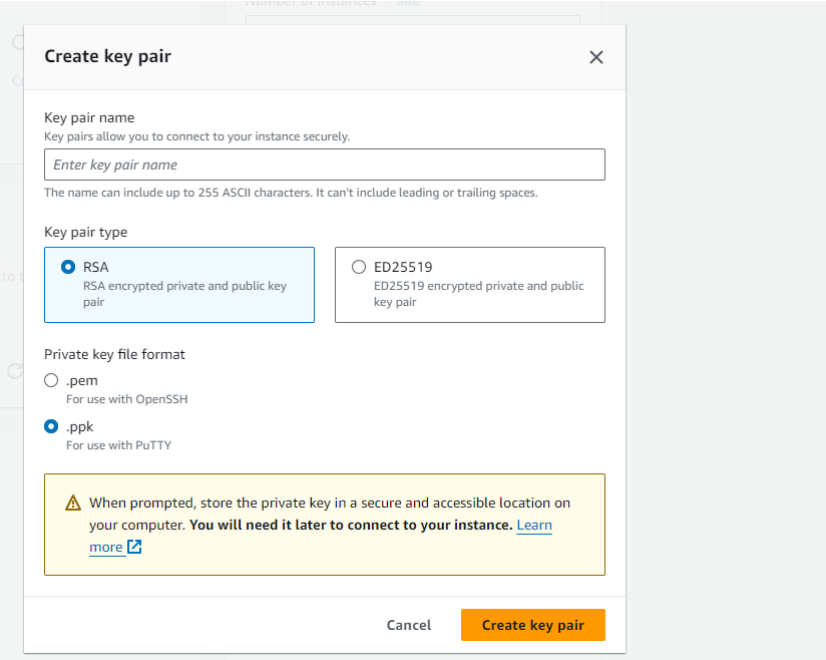


24. Launch a new instance for Linux:

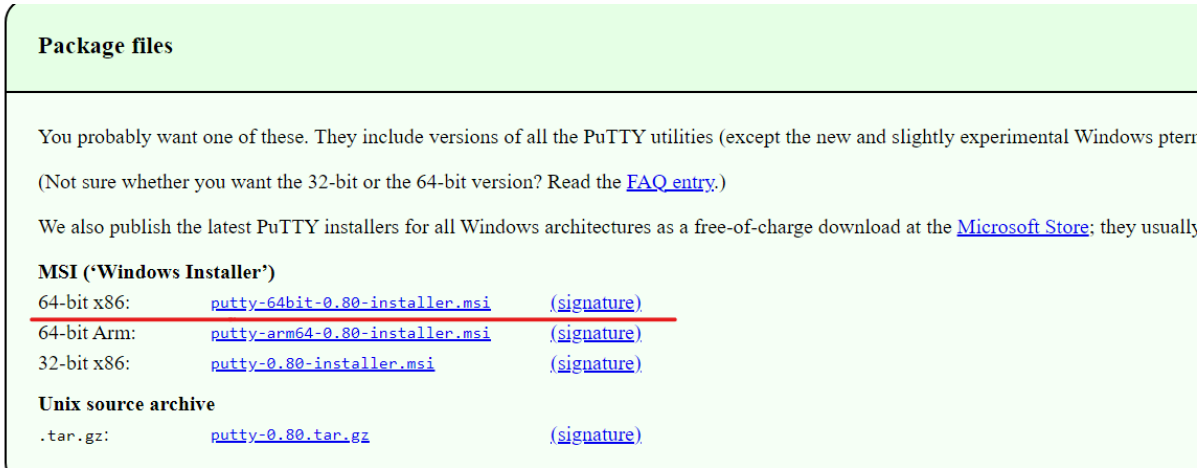
25. **Write a new web server name and Select Ubuntu server**



26. **Create a new key value pair and select ppk**

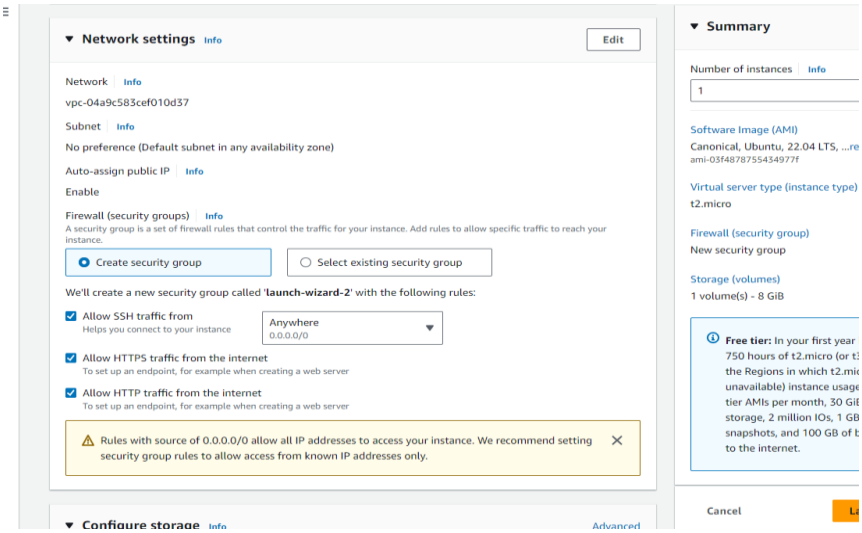


27. **Download putty.exe from google**
28. **Select and download exe file**



29. **Create ppk key value pair and save the file**

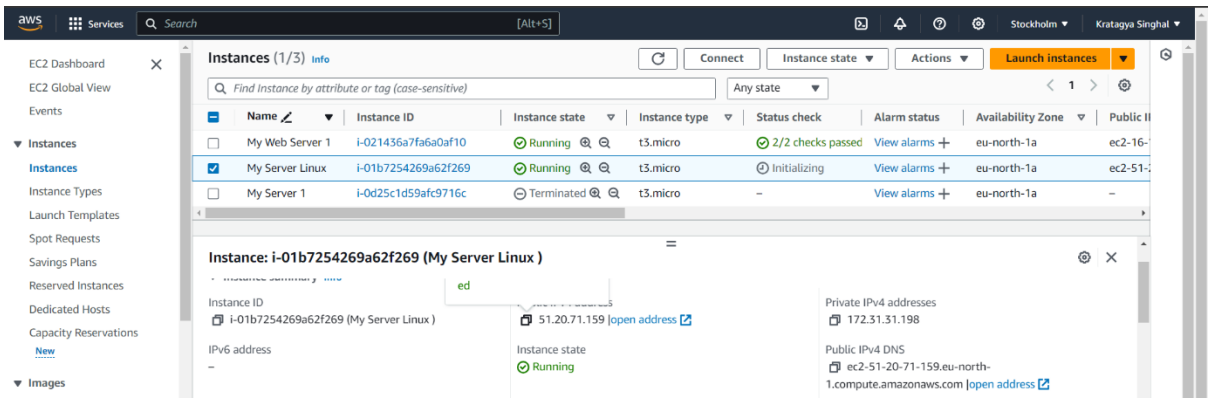
30. **Allow all traffic**



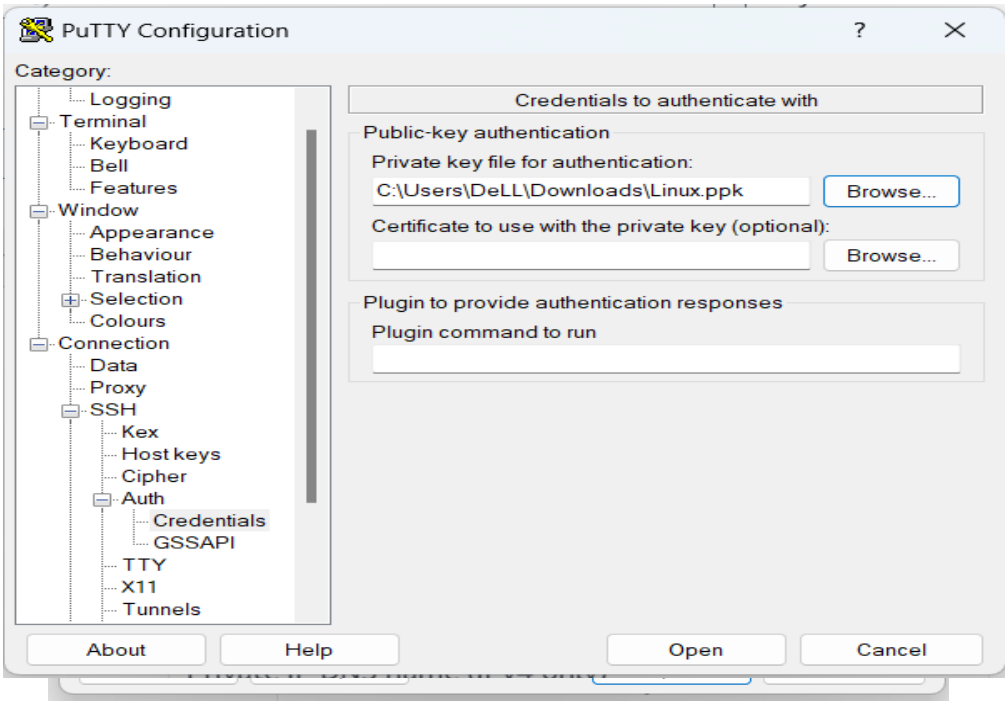
31. **Launch Instance**

32. **Go to Instances and refresh**

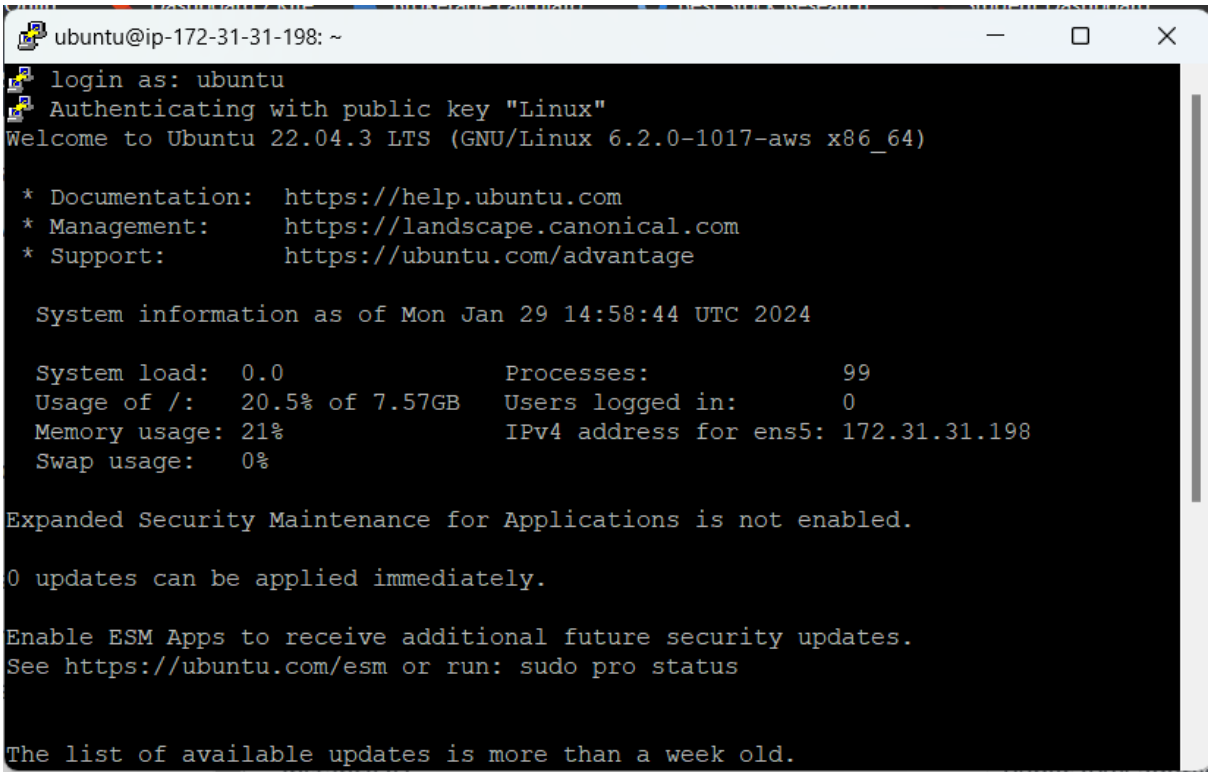
33. **Select and copy Public IPV4 address**



34. **Go to putty, paste IP address**



35. **Category -> SSH -> Auth -> Credentials -> Browse and select ppk file**



36. **Putty will launch**
37. **Login as Ubuntu**

38. **Type commands-**
    mkdir – Makes a directory
    ls- lists down the files and folders in the directory

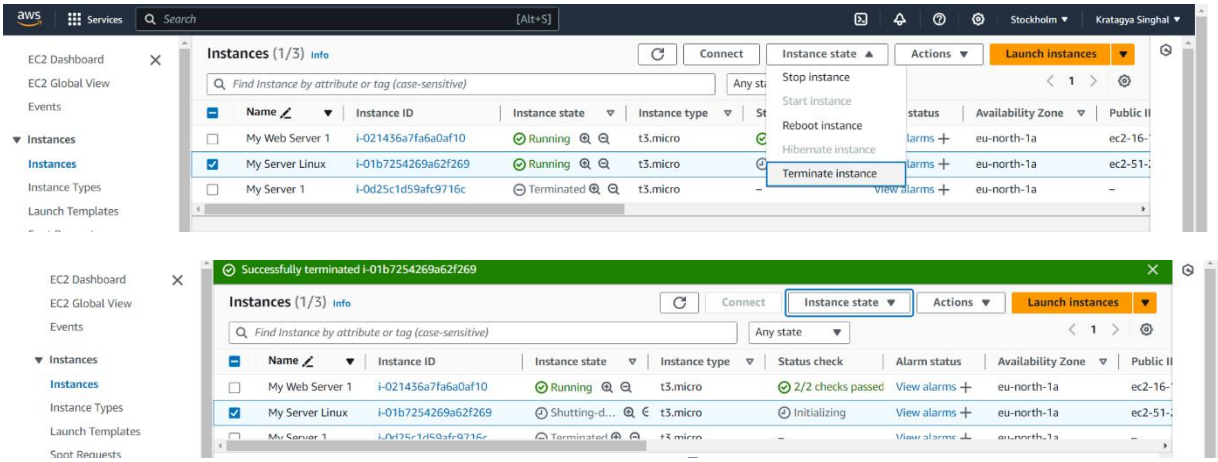
```
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.

ubuntu@ip-172-31-31-198:~$ mkdir My Server Linux
ubuntu@ip-172-31-31-198:~$ ls
Linux  My  Server
ubuntu@ip-172-31-31-198:~$ cd My Server Linux
```

Control + D - Used to exit the file when inside Cat

control + D

39. **Type exit command to exit putty**
40. **Go back to instances in AWS and select the current instance**



41. **TO TERMINATE THE CURRENT RUNNING INSTANCE:**

Instances ->Select Instance -> Instance state -> Terminate the Instance