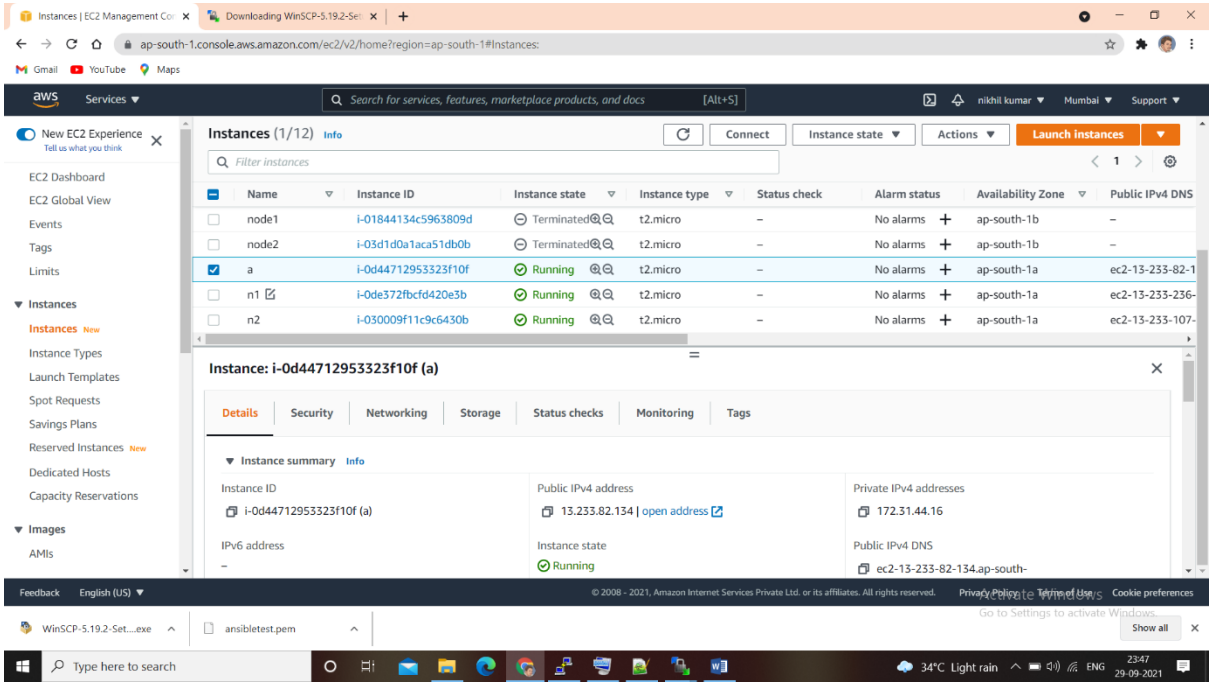
Devops Task-5

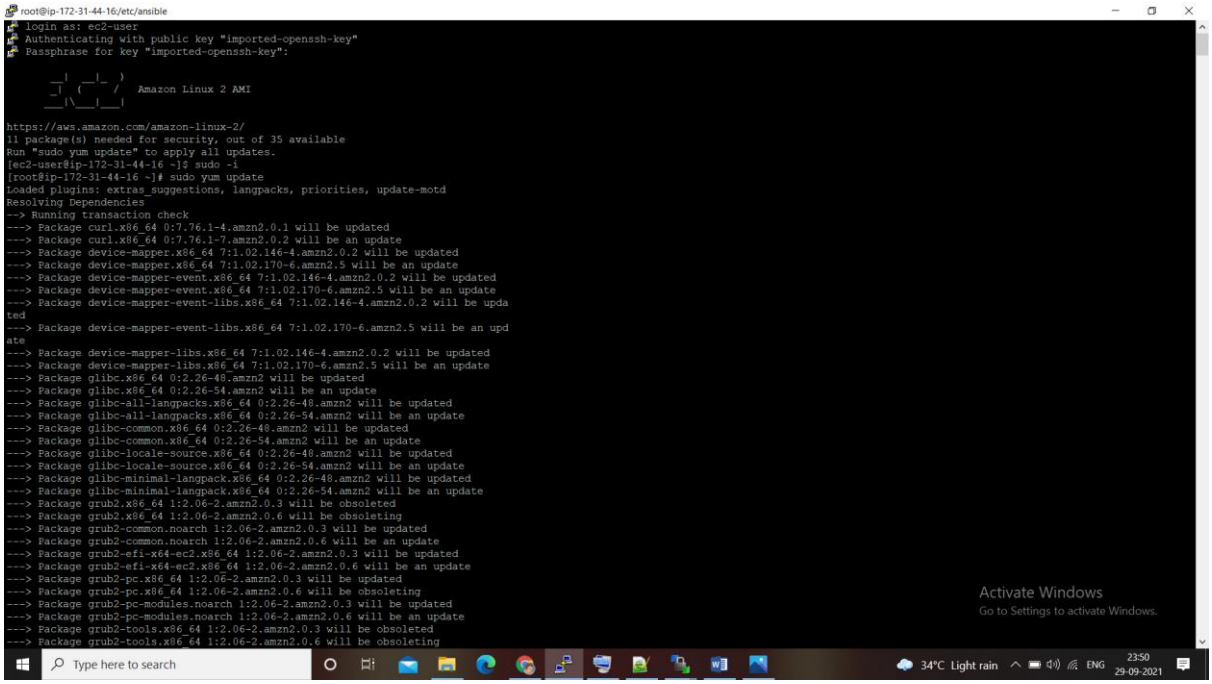
------ Team 9 ------

Add users to ec2 instances with Ssh access –Ansible

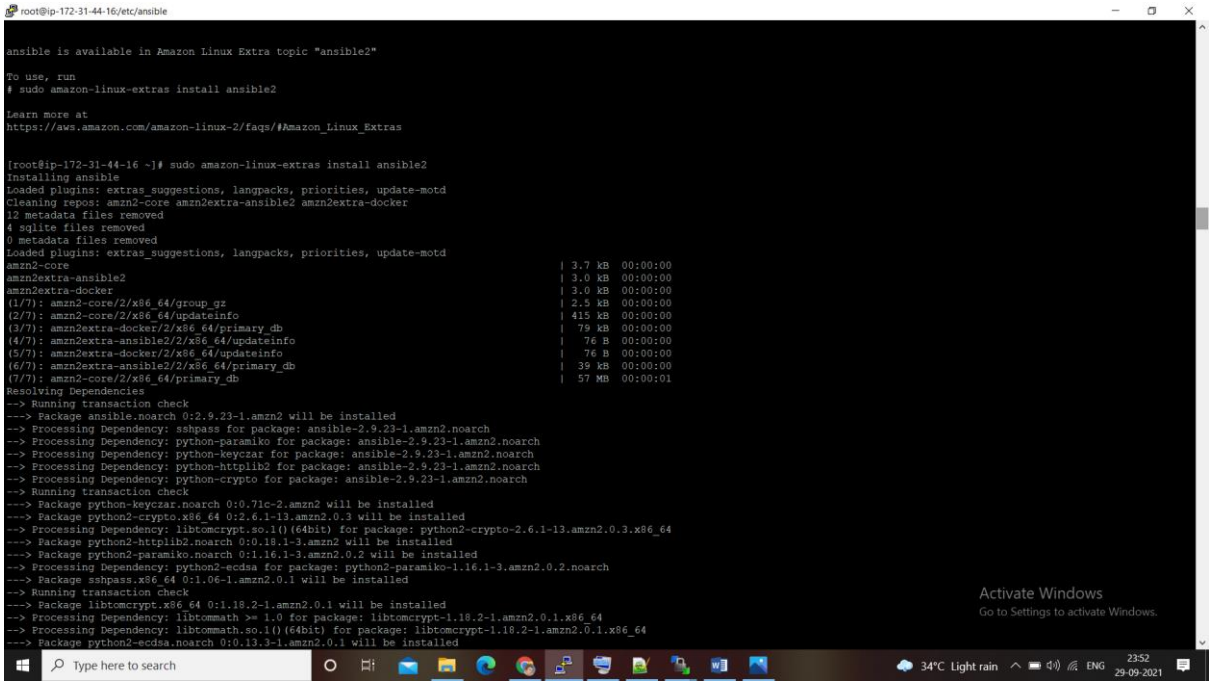
1. Create 3 AWS ec2 instances….. Let one be host and other 2 be nodes.



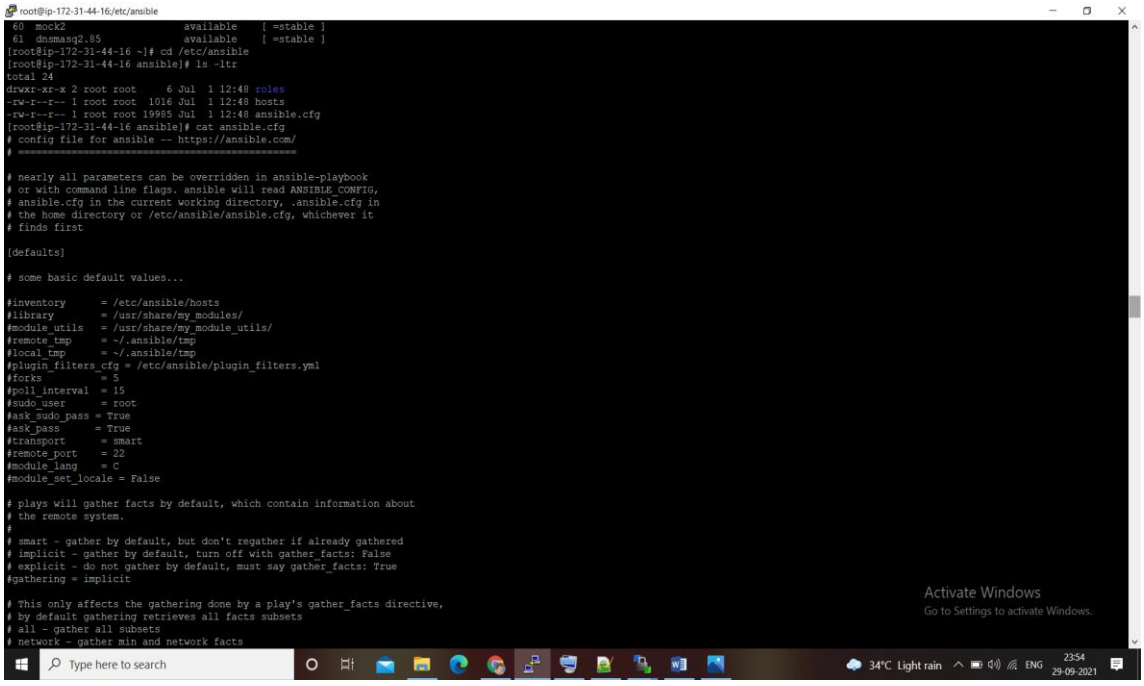
2. Using putty make a ssh connection..

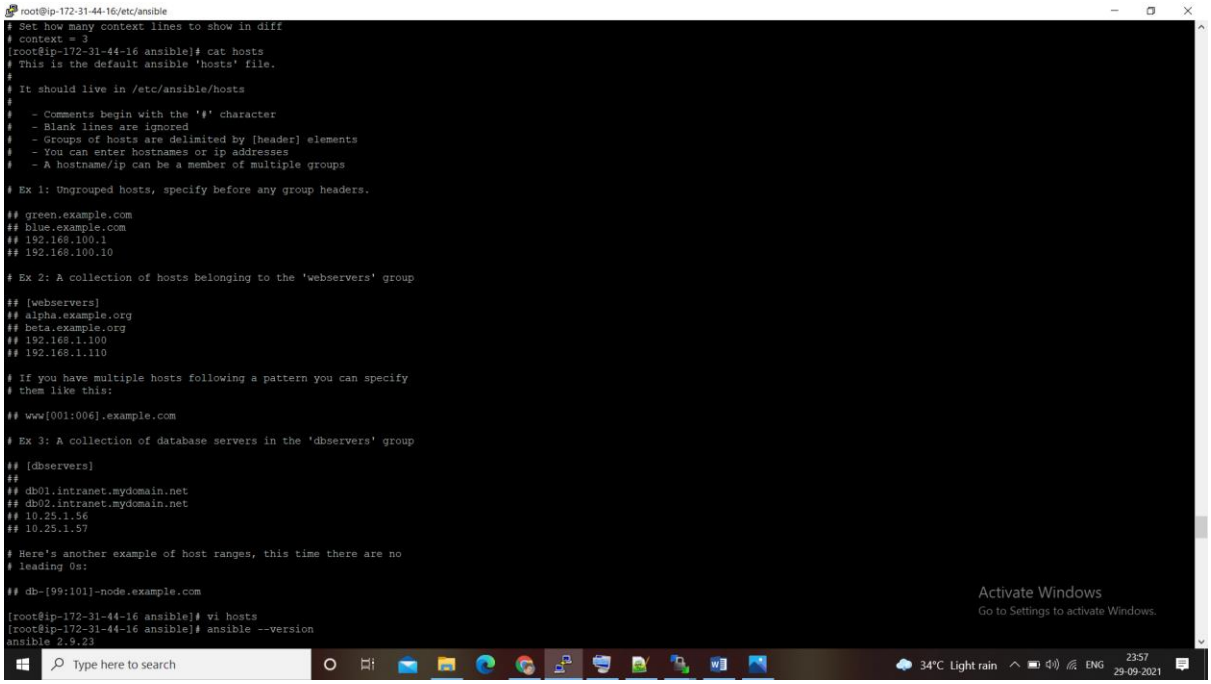


3. Install Ansible and check for its version

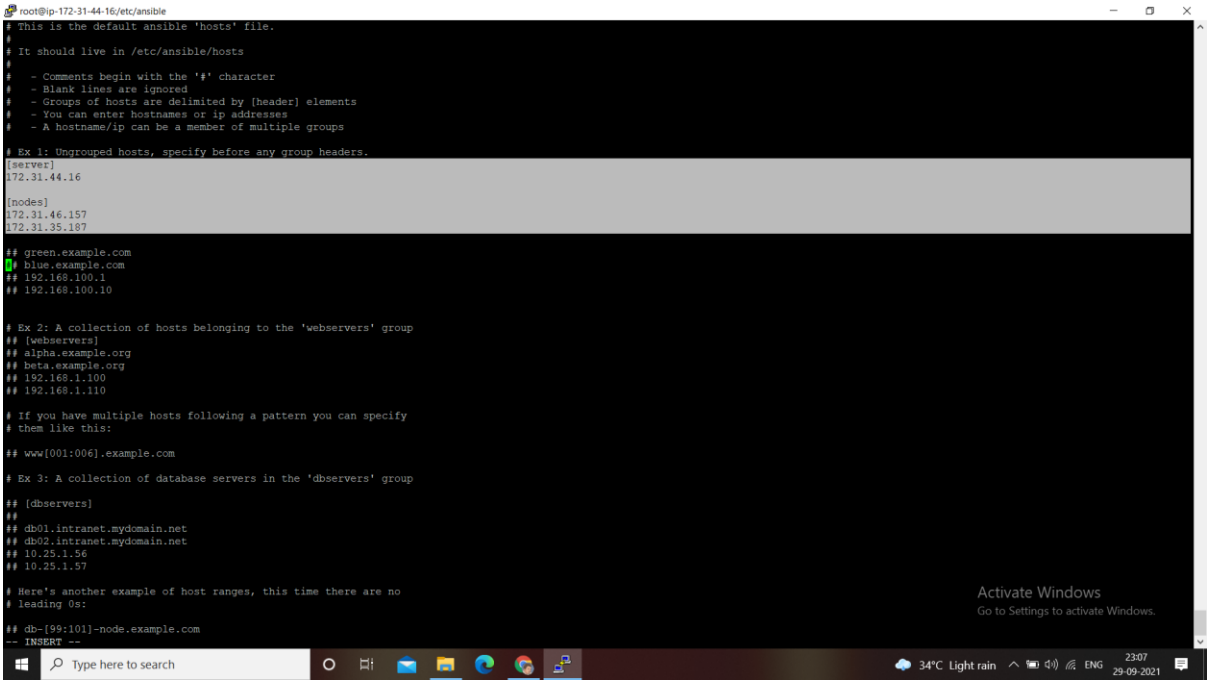


4. Exploring etc folder for hosts, ansible.cfg etc files

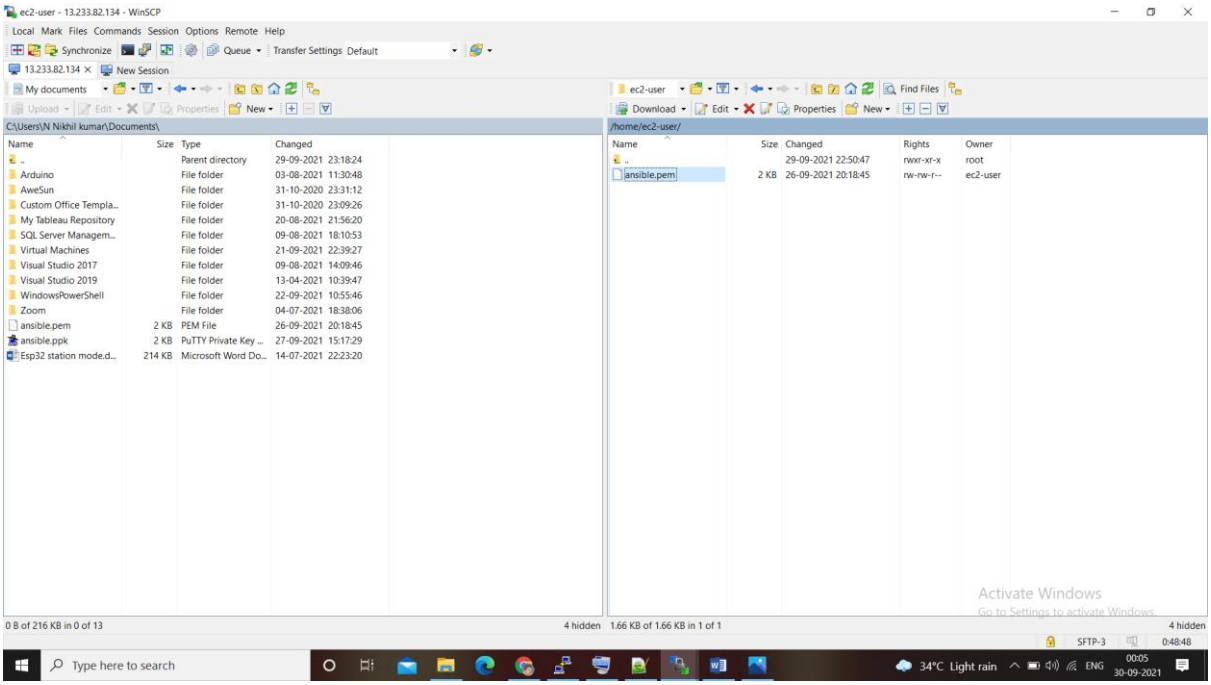




5. Add the ip addresses of the server and remote nodes..



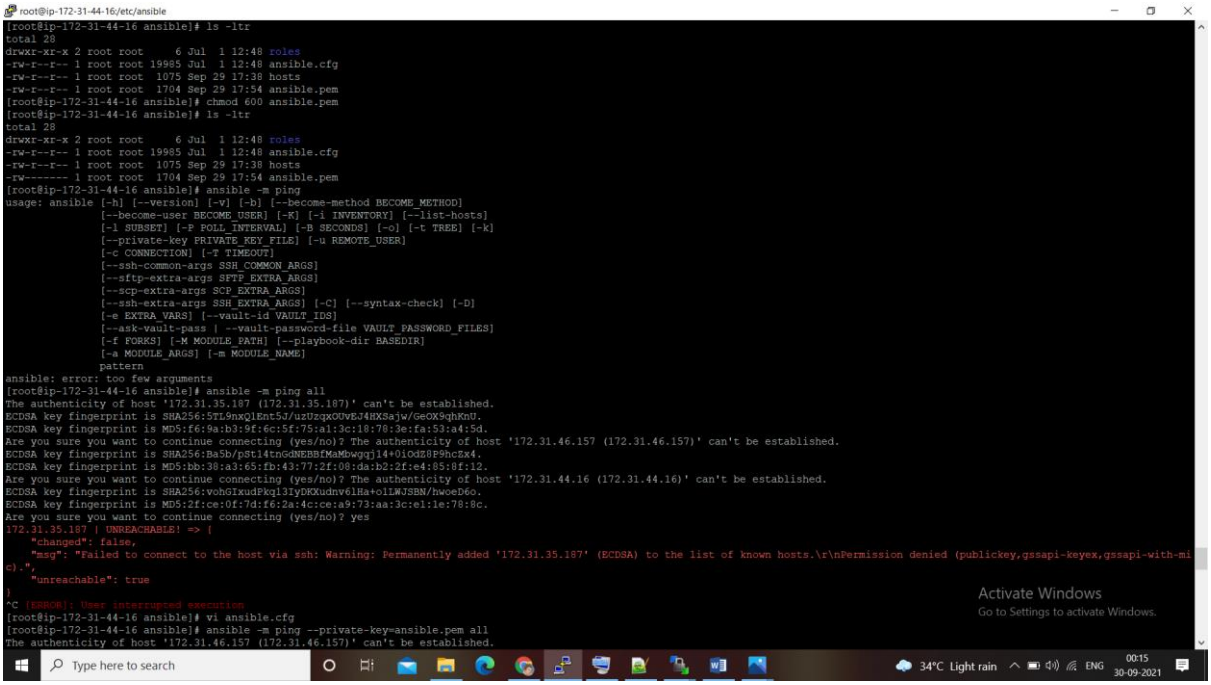
6. We are using WinSCP tool to transfer .pem file to server



7. Copy the transferred .pem file to /etc/ansible folder in the server and we need to give permission for read and write using chmod

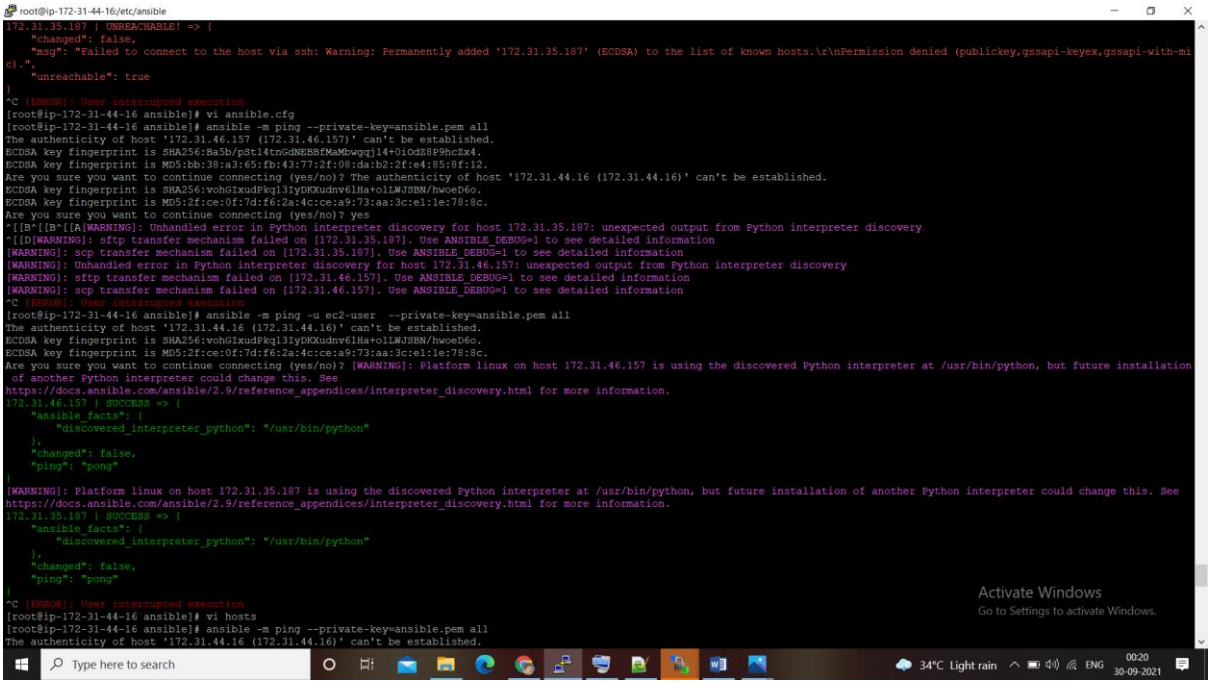
```
root@ip-172-31-44-16 ansible]# ls
nsible.cfg  hosts  roles
root@ip-172-31-44-16 ansible]# cp /home/ec2-user/ansible.pem /etc/ansible/ansible.pem
root@ip-172-31-44-16 ansible]# ls -ltr
otal 28
rwxr-xr-x 2 root root     6 Jul  1 12:48 roles
rw-r--r-- 1 root root 19985 Jul  1 12:48 ansible.cfg
rw-r--r-- 1 root root  1075 Sep 29 17:38 hosts
rw-r--r-- 1 root root  1704 Sep 29 17:54 ansible.pem
root@ip-172-31-44-16 ansible]# chmod 600 ansible.pem
root@ip-172-31-44-16 ansible]# ls -ltr
otal 28
rwxr-xr-x 2 root root     6 Jul  1 12:48 roles
rw-r--r-- 1 root root 19985 Jul  1 12:48 ansible.cfg
rw-r--r-- 1 root root  1075 Sep 29 17:38 hosts
rw------- 1 root root  1704 Sep 29 17:54 ansible.pem
```

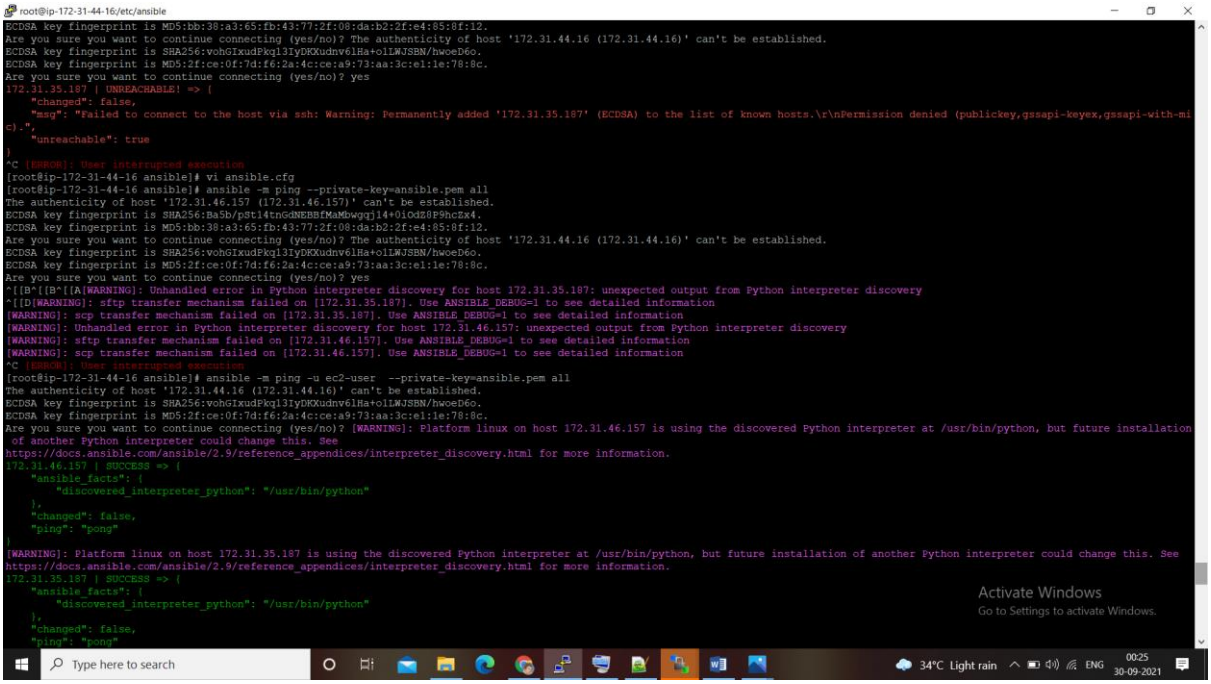
8. To check the connection we will use the ping module….



It shows failed unable to connect to the host… so we need make sudo user in the ansible.cfg file as root user i.e.; just uncomment the sudo user line…

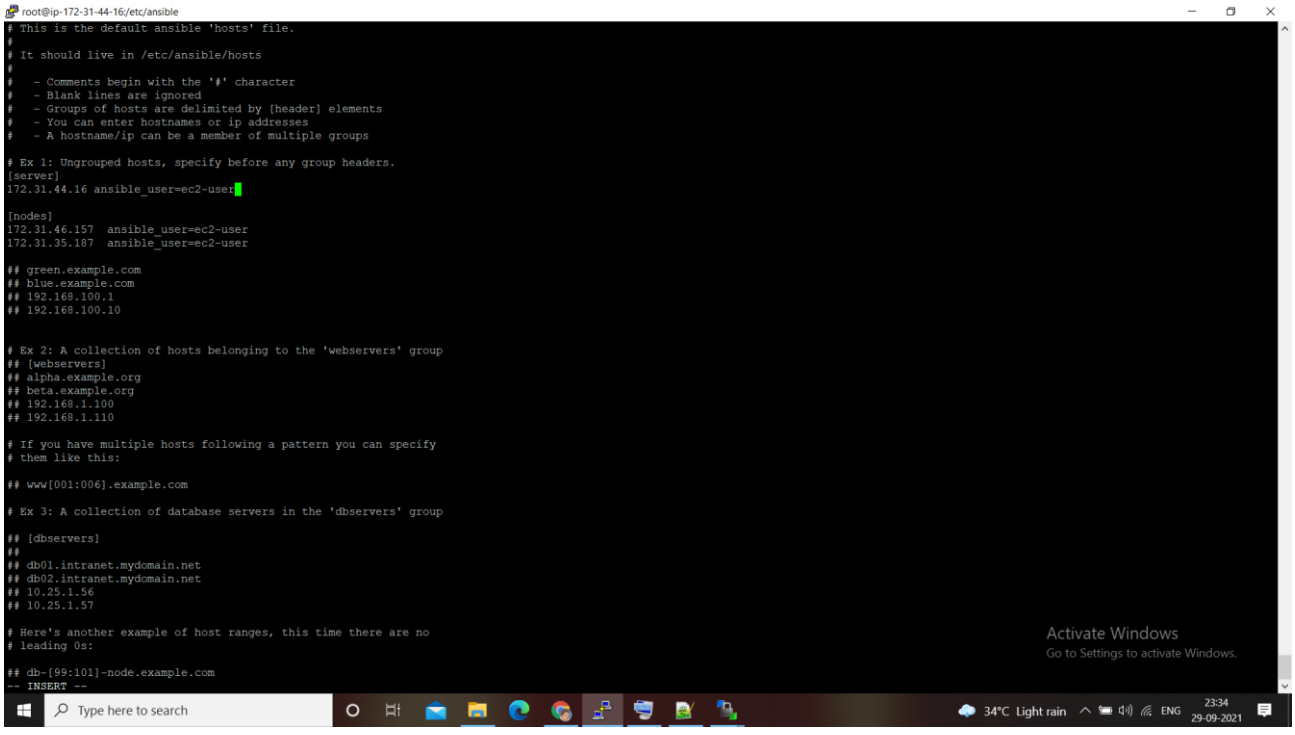
9. Though we have modified ansible.cfg, it shows error, because we need to config which user needs to run this with –u<username> in ping command



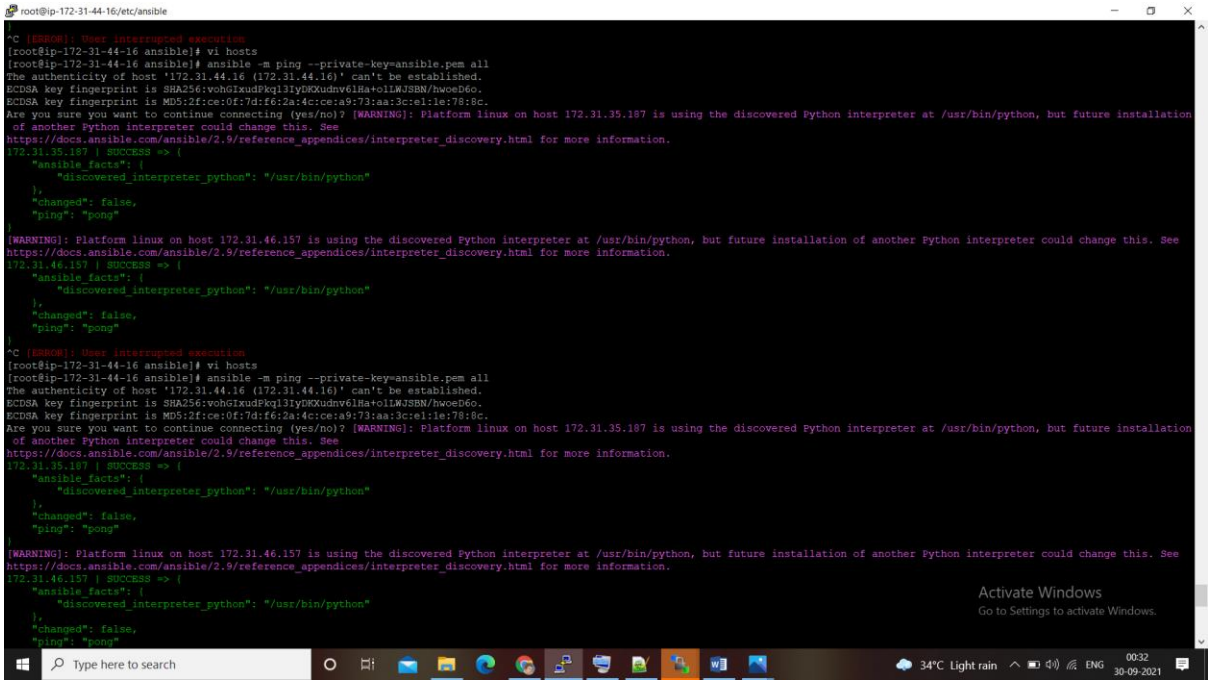


We can observe that the connection has been established.

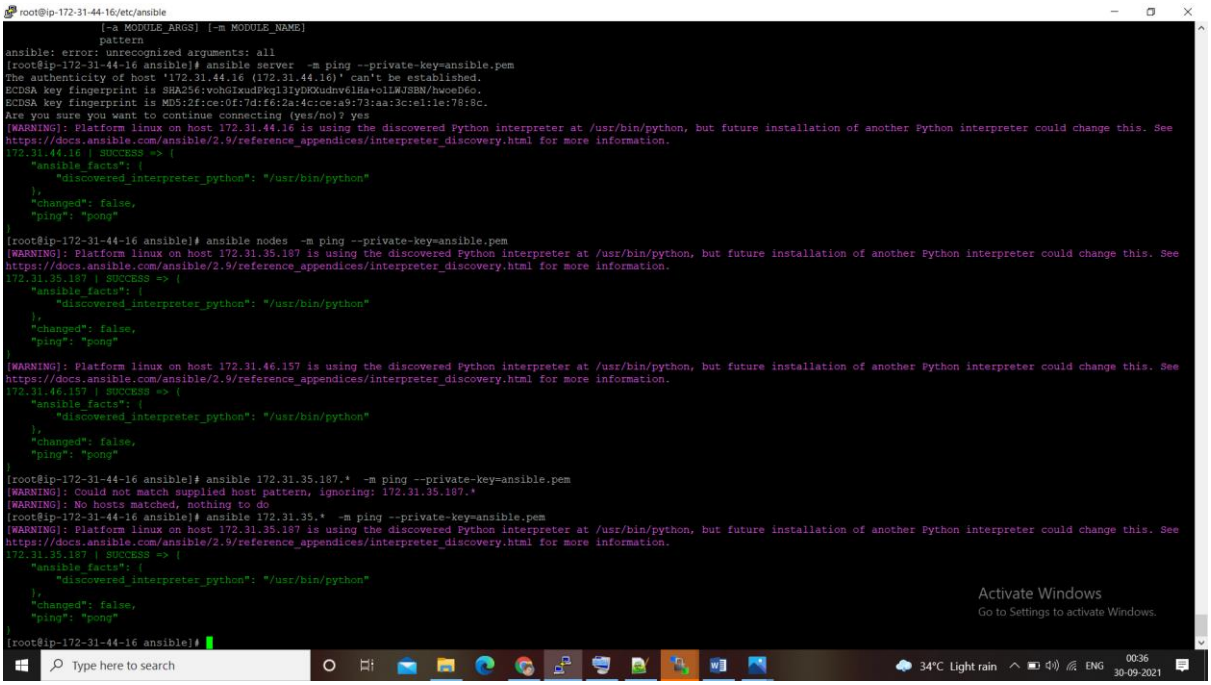
10. If we want to login with different users, we can declare these users in hosts file and add usernames alongside of the ip addresses declared...



11. After adding the user access in hosts file, though if we try to check ping command without username in it it works fine.



12. We can check the connection with group names, like server and node



So the we have added users to ec2 instances with ssh access – ansible

Team 9