Assignment 3

DevOps

Team 10

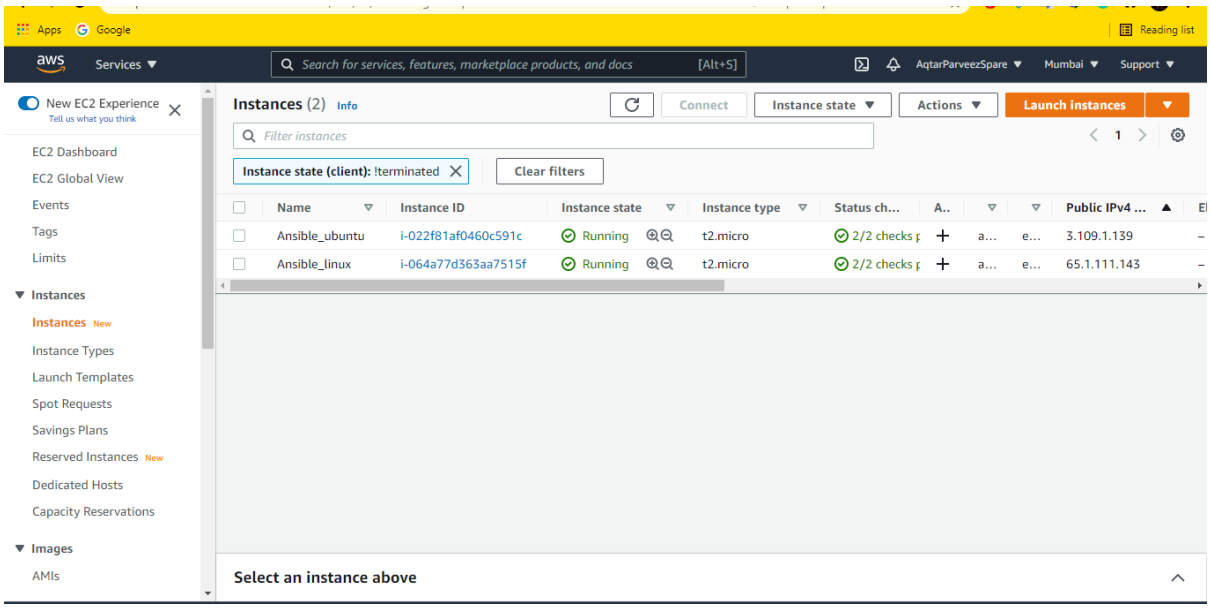
Team Members:

1. G K Bharath Bhushan (18bcs026)
2. K V S Chaitanya (18bcs045)
3. Neha T (18bcs060)
4. Rahul S (18bcs075)
5. Varun Awati (18bcs108)
6. Sushanth B Patil (18bcs102)
7. Aqtar Parveez (18bcs010)
8. Trishuk K S (18bcs104)

Step – 1:

Start an amazon EC2 instances and note down their IPv4 addresses (Public) Respectively.

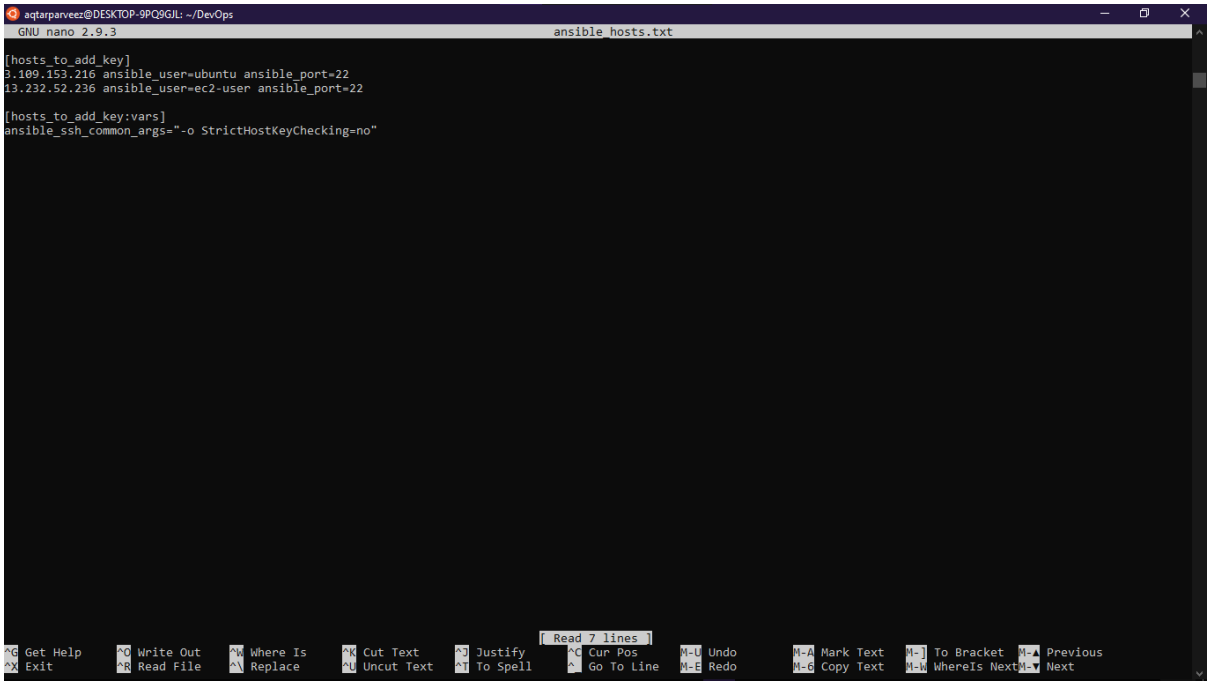
In the below case the keypair (.pem) is the same for both instances.



Step -2:

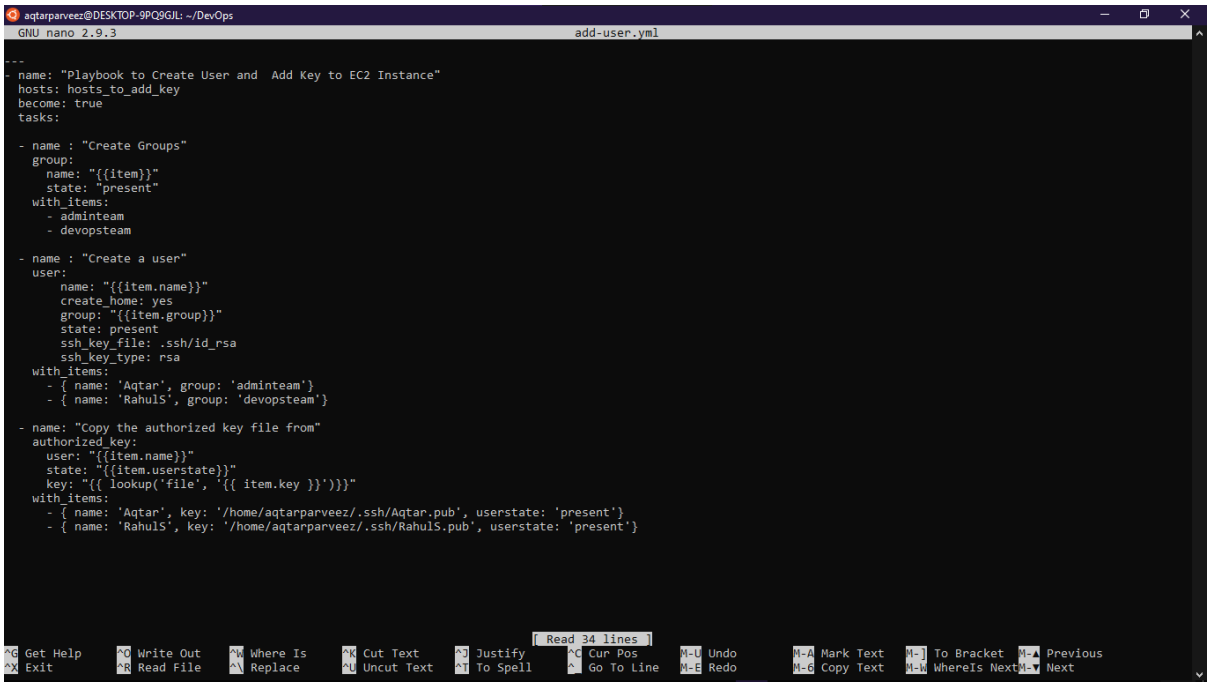
Write down the IP addresses in the below format and save it.

Saved as [`ansible_hosts.txt`]



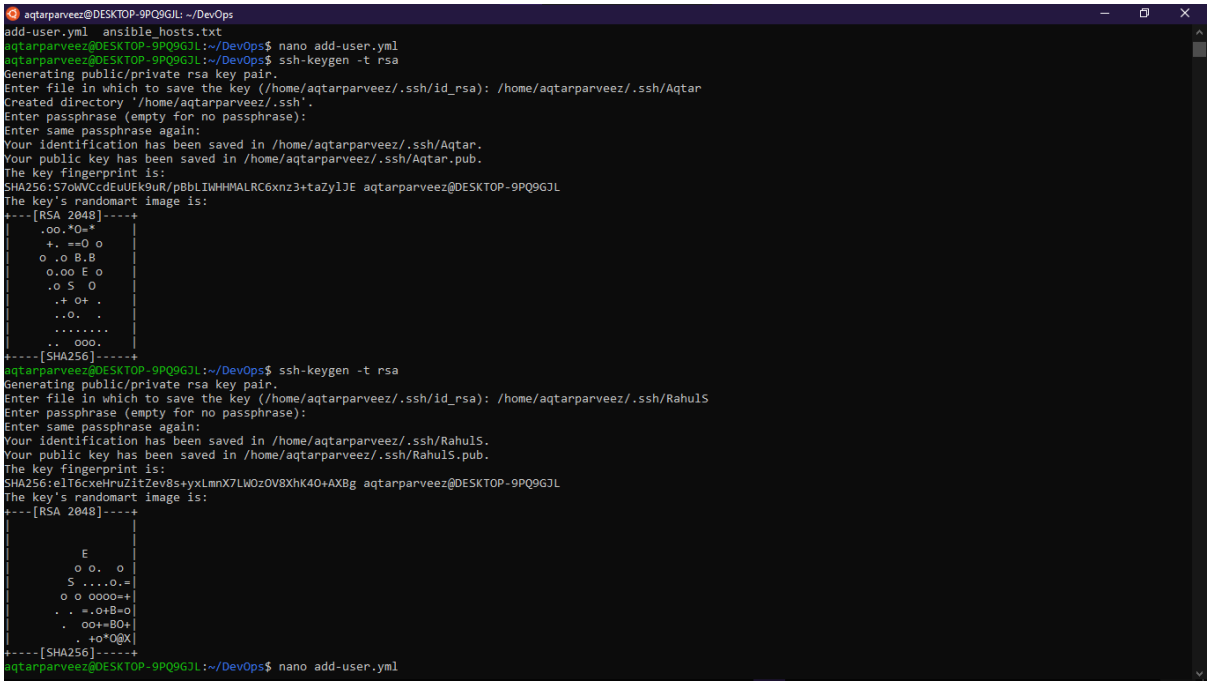
Step -3:

Create the Ansible playbook [`add-user.yml`] with User details which we will execute to add the users to the EC2 instances mentioned in the [`ansible_hosts.txt`] file above. The contents of our playbook are shown in the screenshots below.



Step – 4:

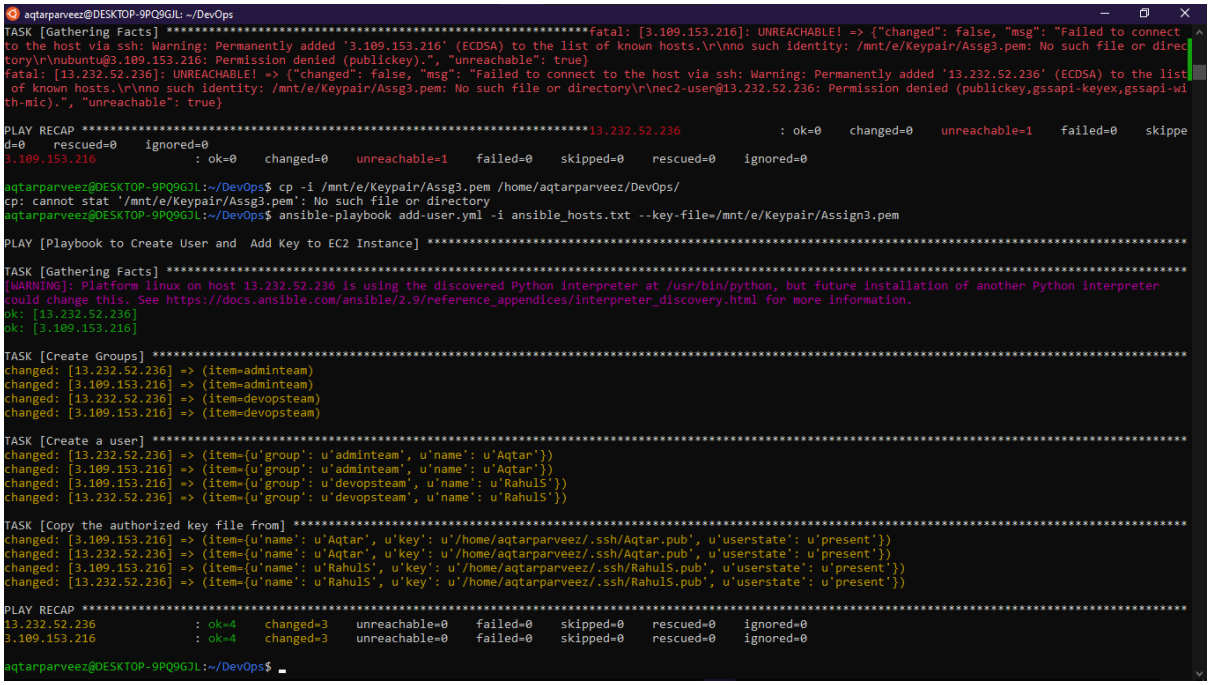
Now generate the ssh-key key pair for all the users to be added to the EC2 instances using the command mentioned in the screenshots below. Make sure to name the ssh-key same as mentioned in the playbook.



Step- 5:

Run the Ansible Playbook Using the following command.

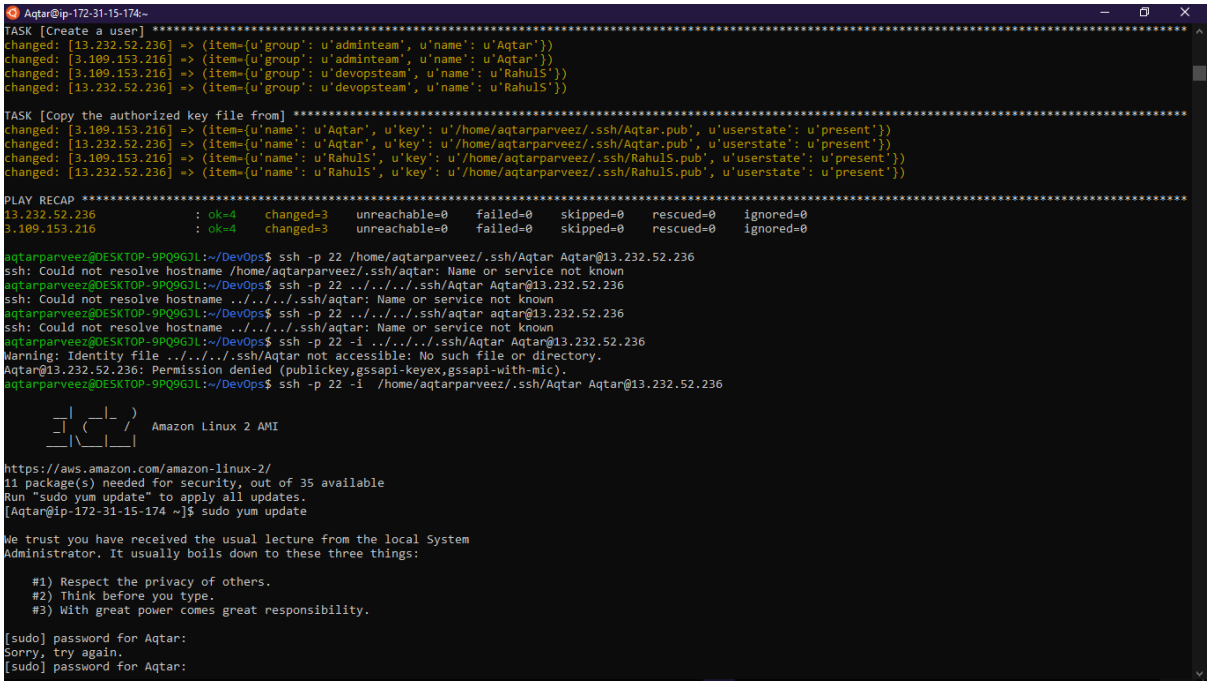
Make sure the (.pem) keypair file is proper and original as obtained from AWS while launching the instances.



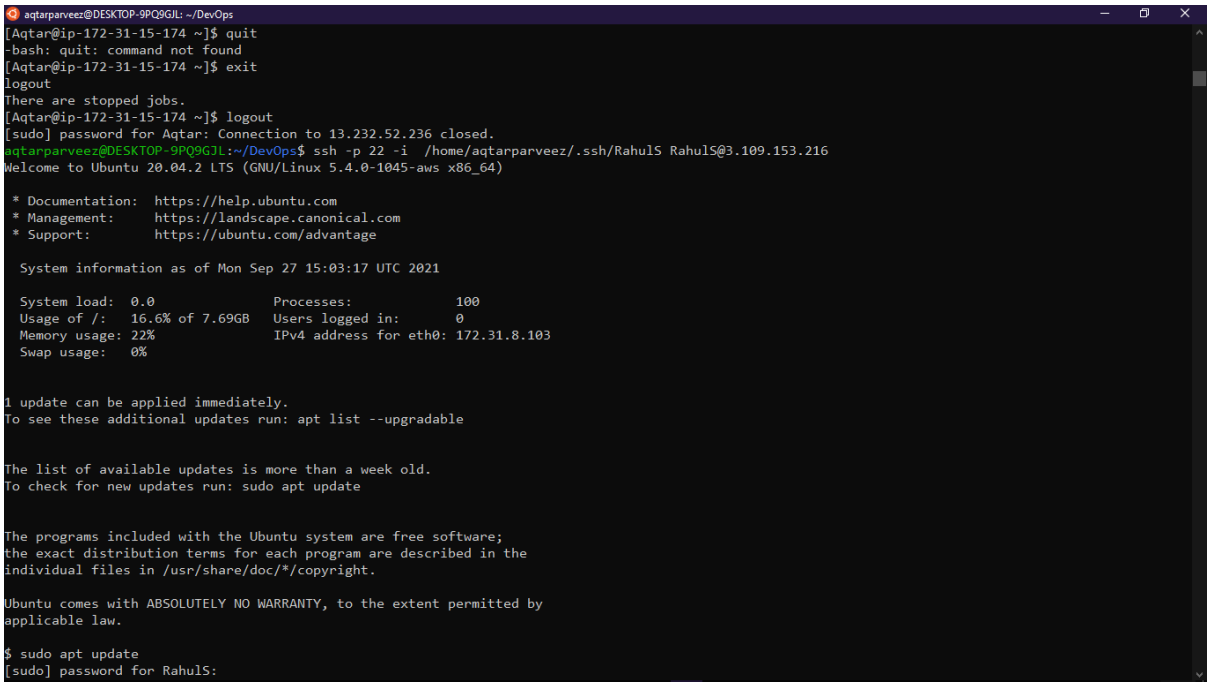
Outcome:

Now Connect to the instance using the following command:

```
ssh -p <port number> -i <location of the .pub keys> <user name>@<IP>
```



Able to use Linux connecting to the Linux instance using our own pair of ssh keys.



Able to use Ubuntu connecting to the ubuntu instance using our own pair of ssh keys.