

DevOps & its Applications (CS457)

Assignment 3

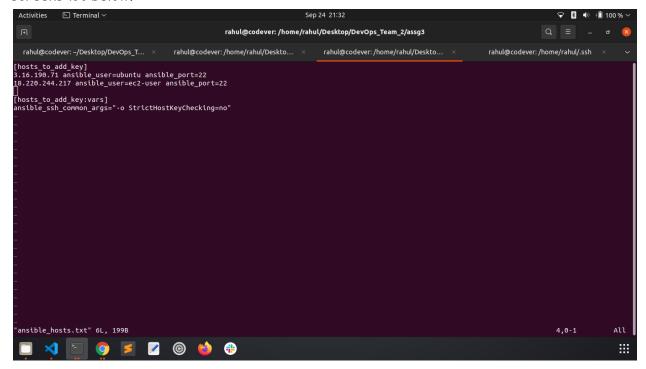
Under the Guidance of - Dr. Uma S

Submitted by -

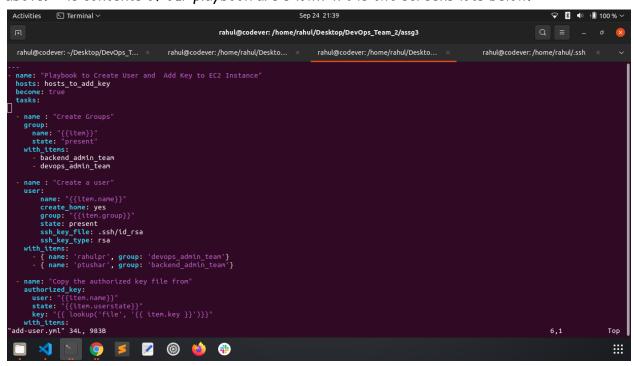
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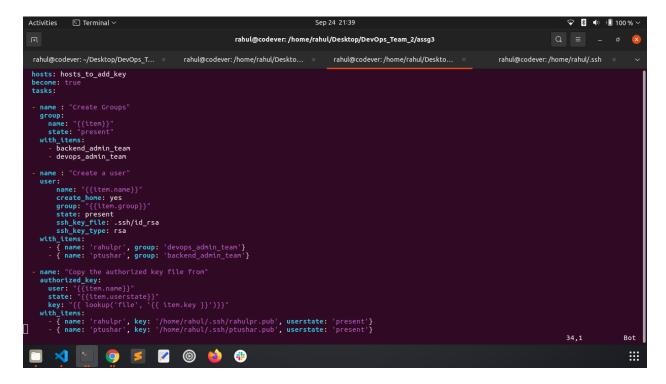
Add Users to AWS EC2 Instances with SSH access using Ansible

<u>Step 1:</u> Create a text file (ansible_hosts.txt here) that contains the details of the EC2 instances (or, hosts) where we want to add the users. The file contents are shown in the screenshot below.

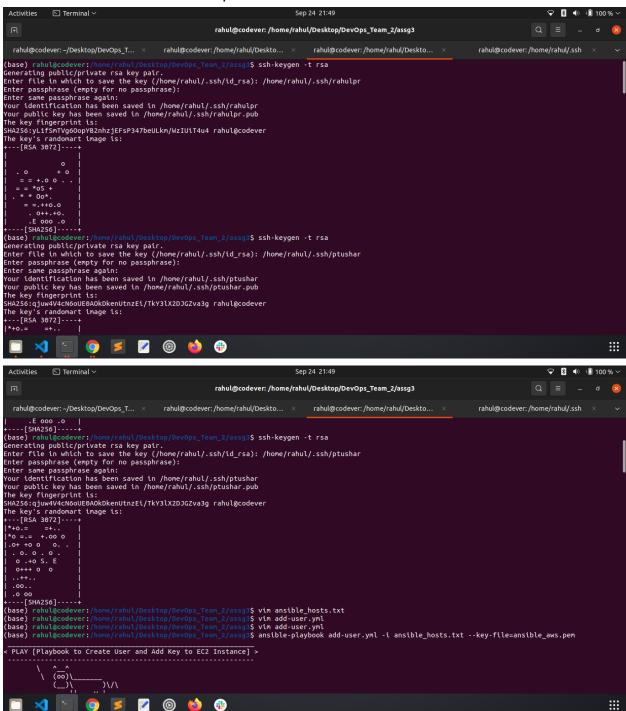


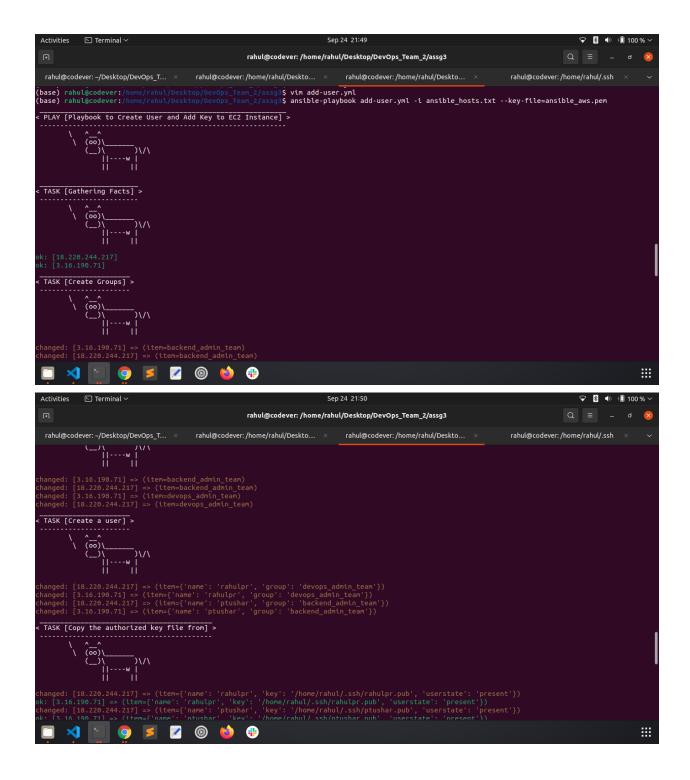
<u>Step 2:</u> Create the Ansible playbook (add-user.yml here) with User details which we will execute to add the users to the EC2 instances mentioned in the ansible_hosts.txt file above. The contents of our playbook are shown in the two screenshots below.

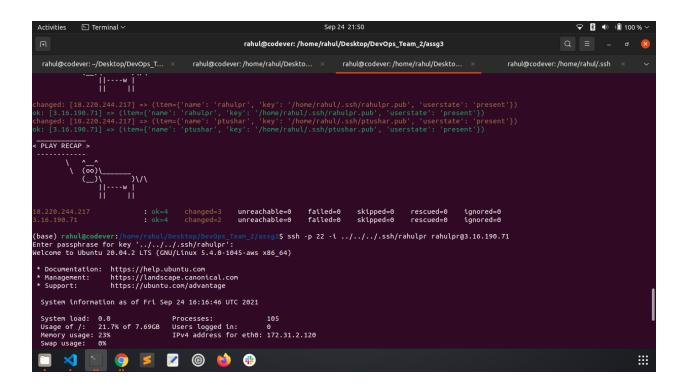




<u>Step 3:</u> Now generate the ssh-key key pair for all the users to be added to the EC2 instances using the command mentioned in the screenshots below. Make sure to name the ssh-key same as mentioned in the playbook. After that run the Ansible-Playbook. The screenshots below show the complete execution.







THE OUTCOME

After successful execution of the playbook, users have been added to the instances and can log in using their private ssh-key. The screenshot below shows the outcome.

