Shell

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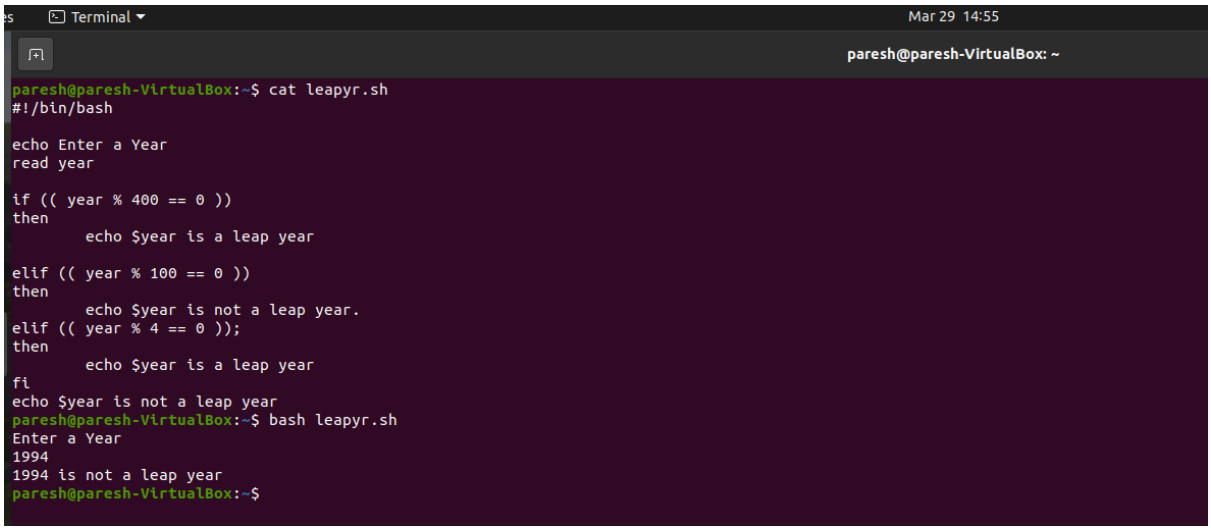
Q1.

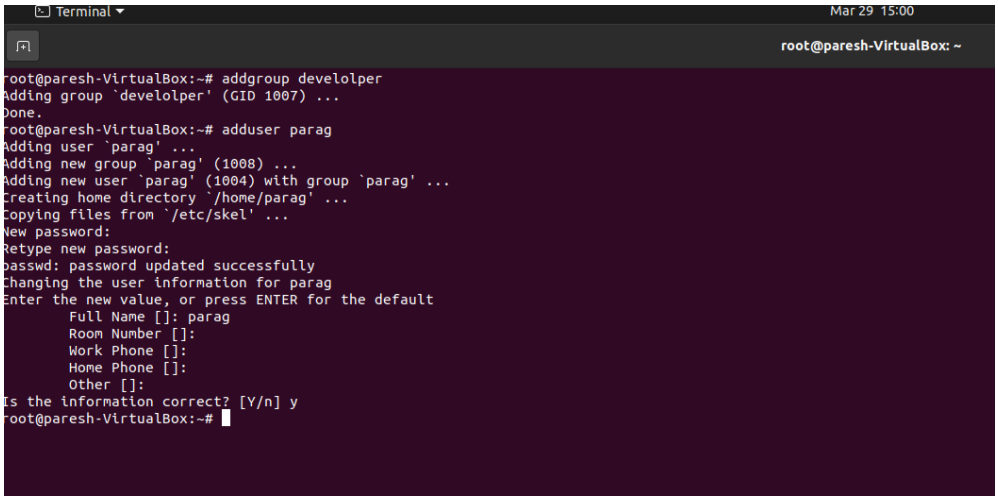
1. Created one .sh file named leapyr.sh using vim editor.
2. The code is written as below in screenshot.
3. The script is giving accurate output.

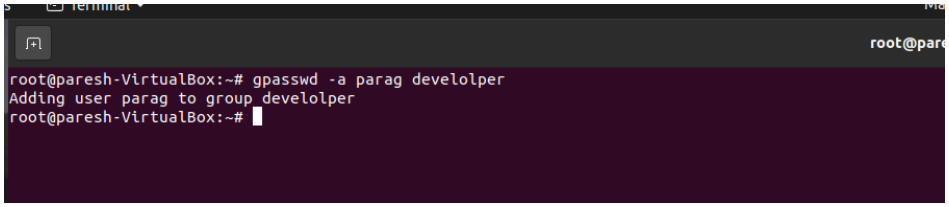


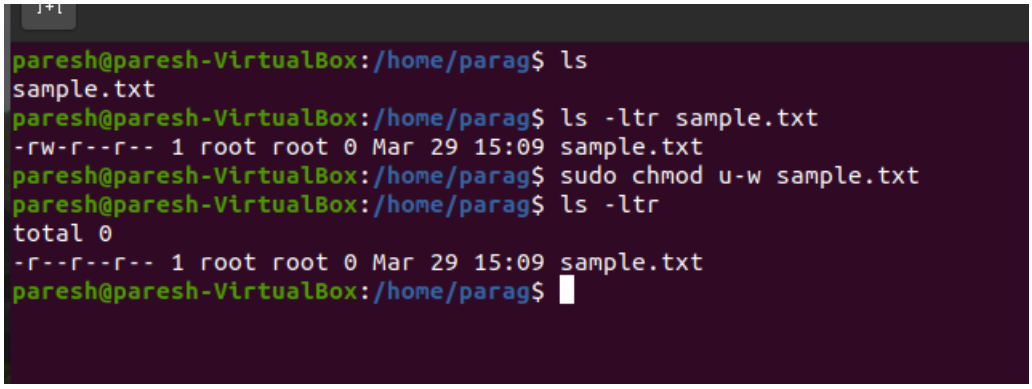
Q2. is on next page

Q2.

1. In root, using command addgroup and adduser, group developer and user parag have been created successfully (screenshot 1)
2. User parag has been added in group develolper (Screenshot 2)
3. using touch command, sample.txt file is created which has the permissions as seen below in screenshot(Screenshot 3)
4. Using command chmod permissions are edited as asked.



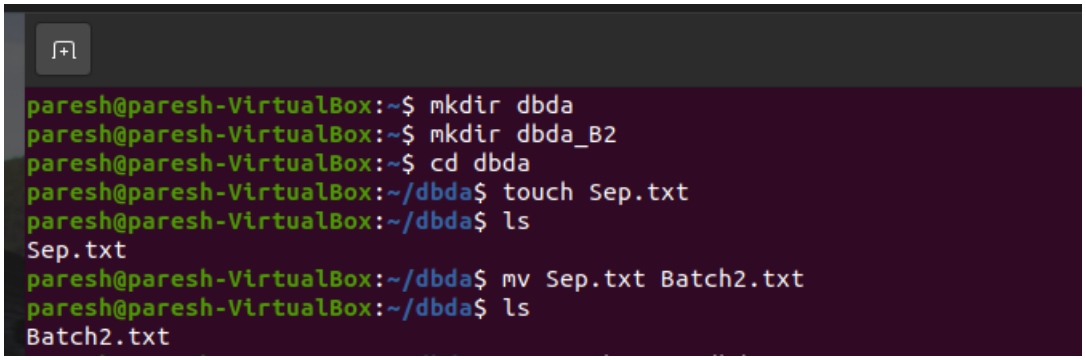


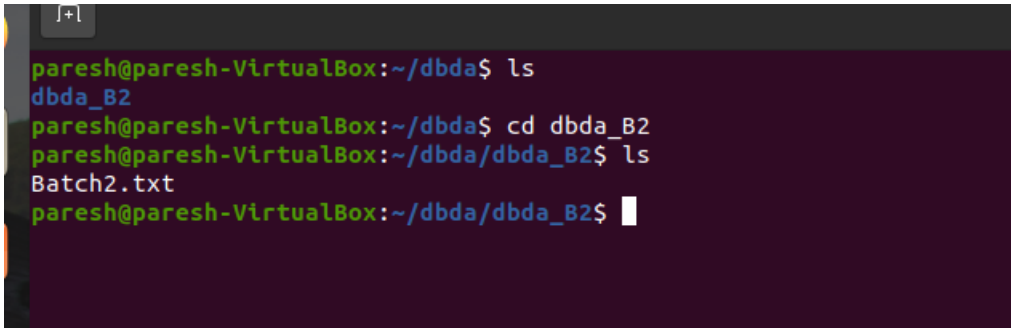


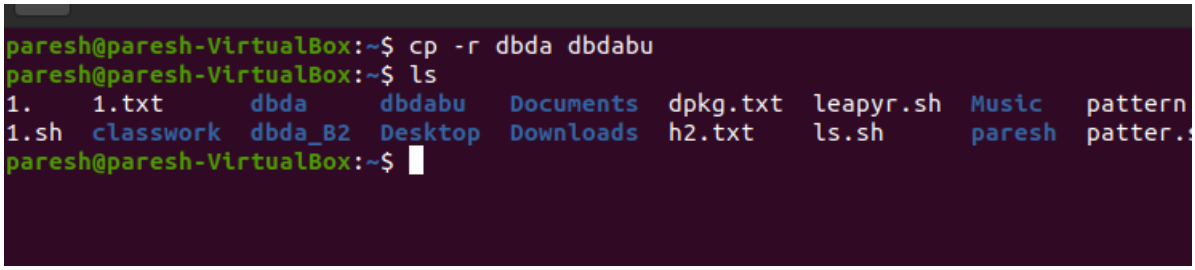
Q3. on next page

Q3.

1. Using mkdir command directory named dbda and dbda_B2 are created.
2. Using touch command text file is created.
3. Using mv command textfile is renamed.
4. Again using mv command it is moved to another directory.
5. Using cp -r command one copy of the same directory has been made recursively as a backup.



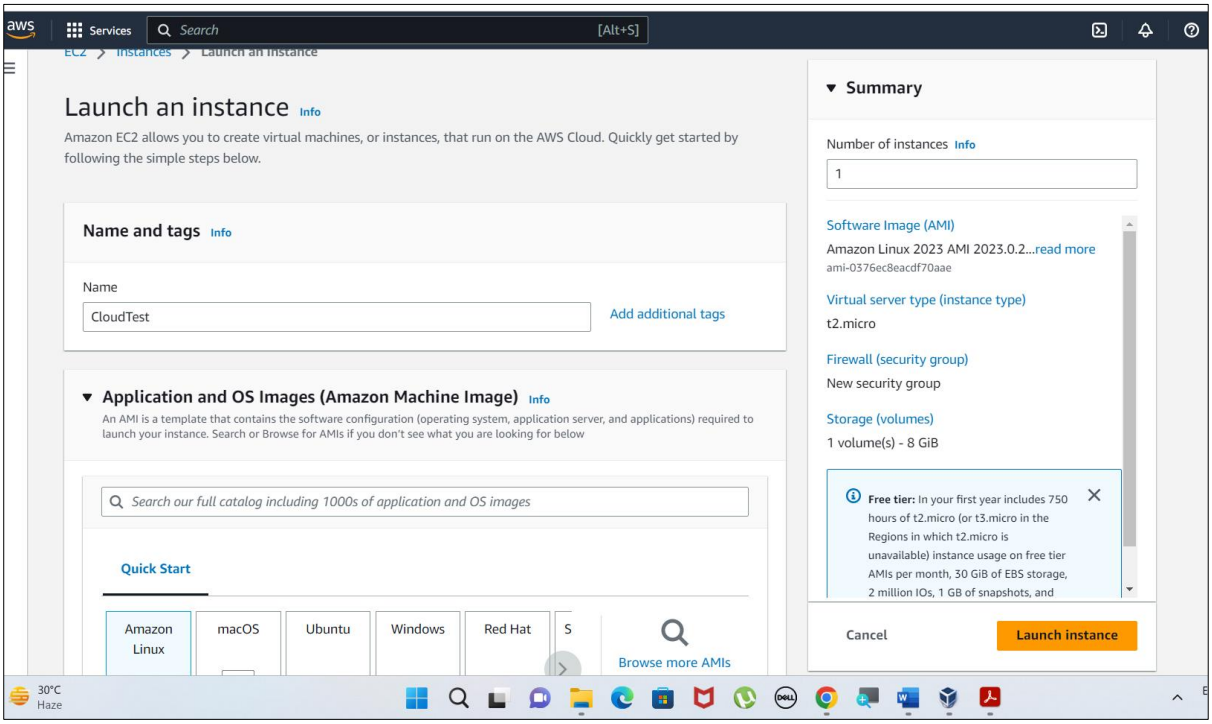




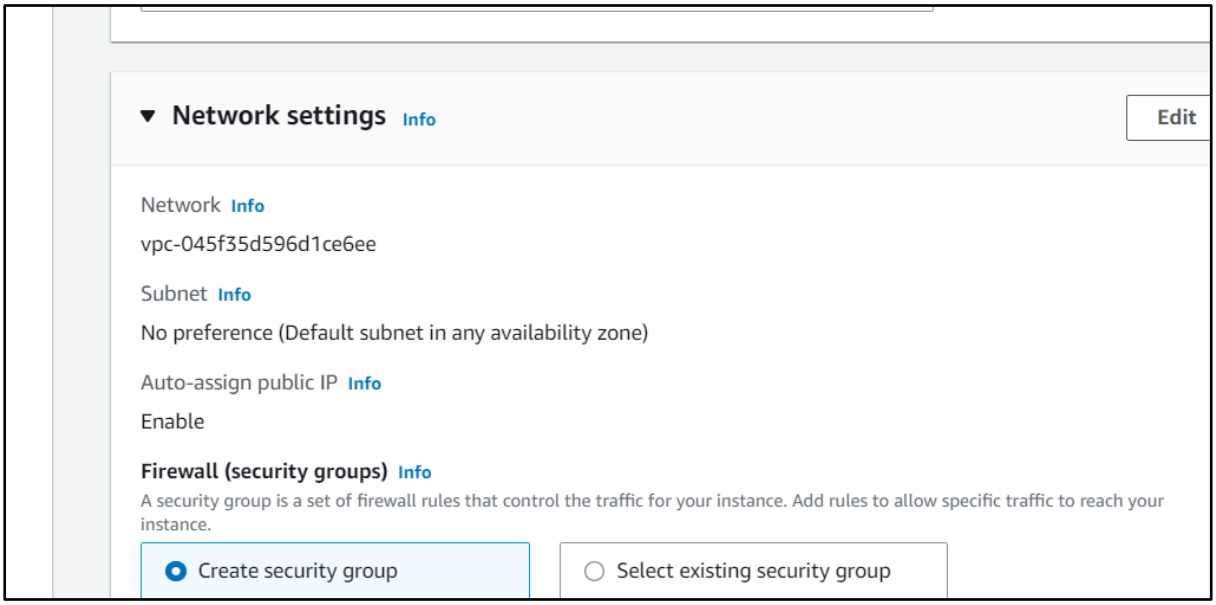
Cloud Questions on next page:

Q1.

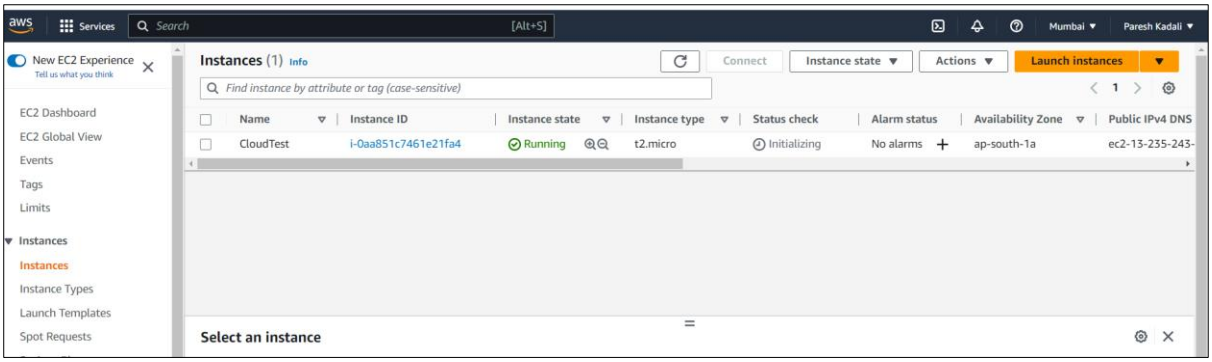
1. From AWS management console. after logging in to my account, one instance is created on EC2 platform as below screenshots.

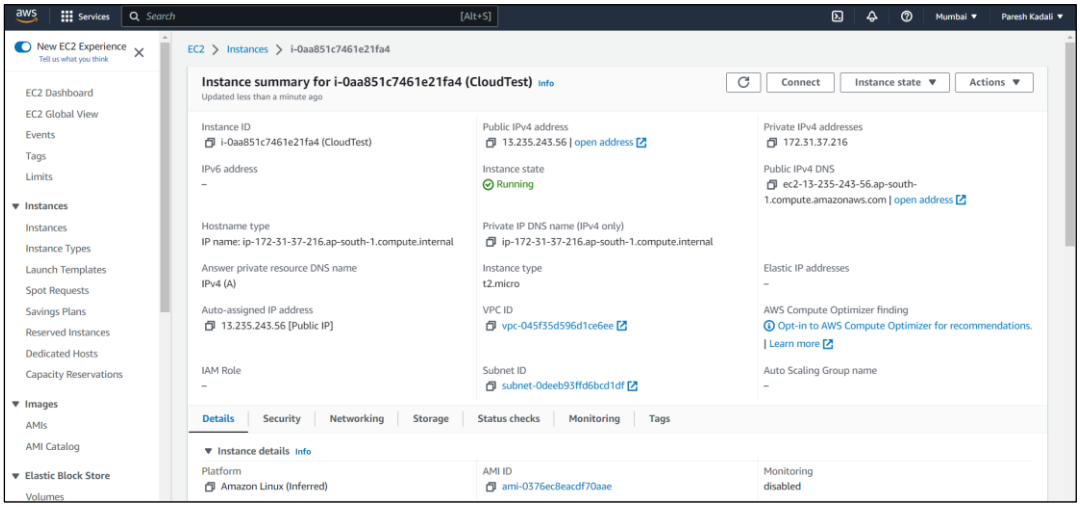


2. Key pair is required to launch/create an instance. As the key was created is earlier, we can use the available one without creating a new one.



3. As it is seen here, instance has been created successfully and it is running.





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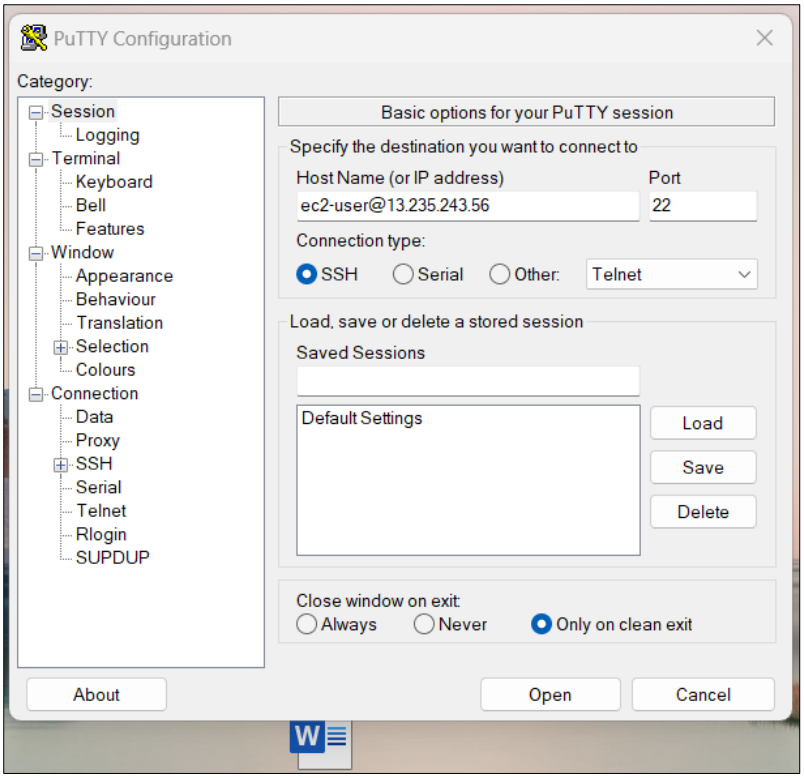
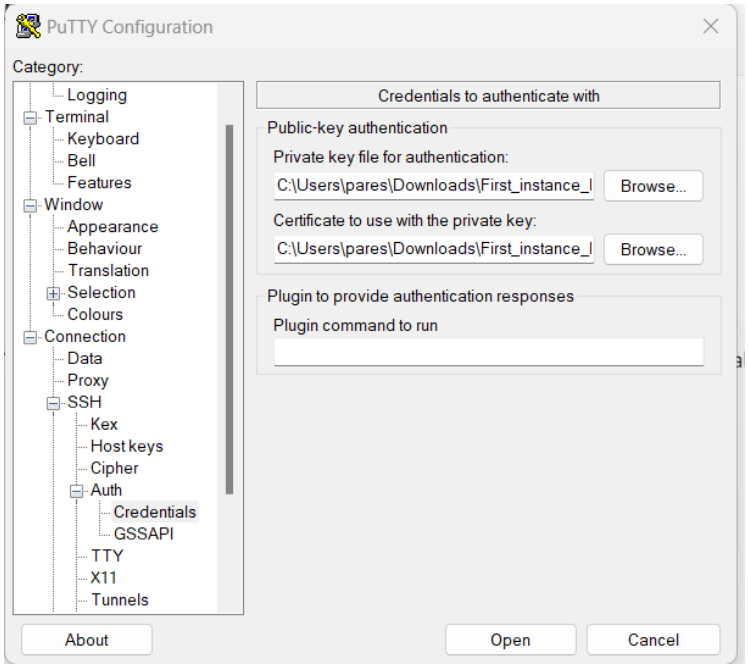
4. Putty application is started and the public IP address has been but as below:

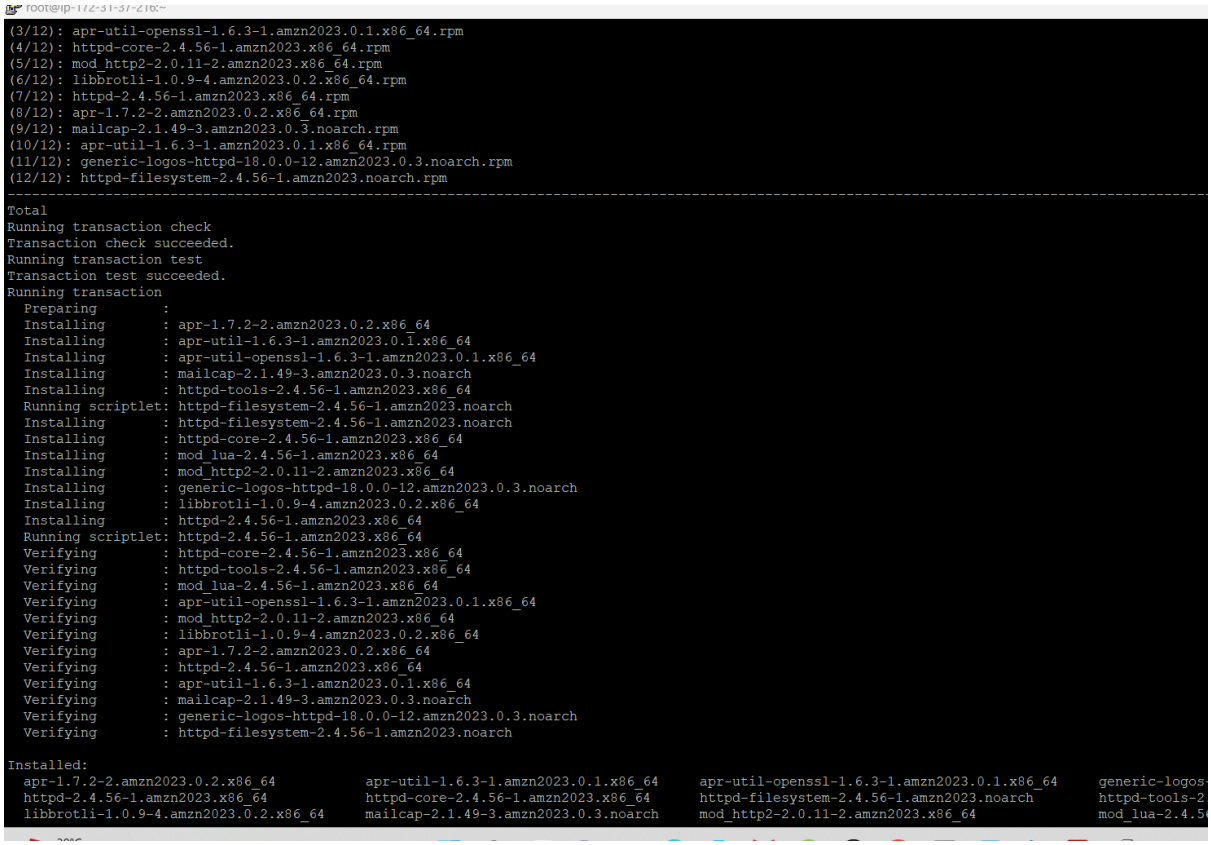


5. .ppk file is added in Auth section of Putty.

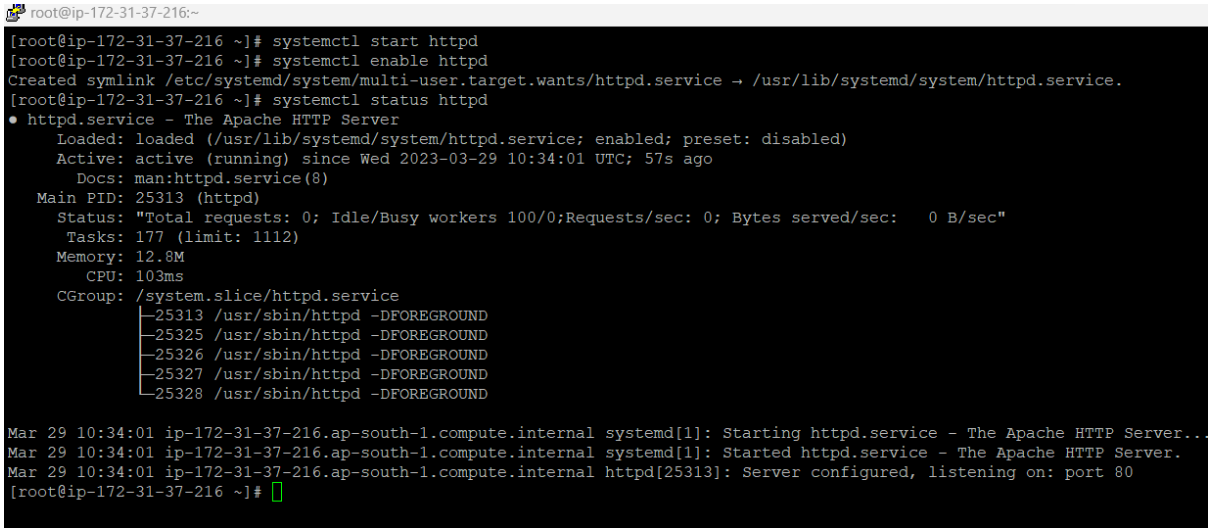


6. Terminal is working successfully for the instance.

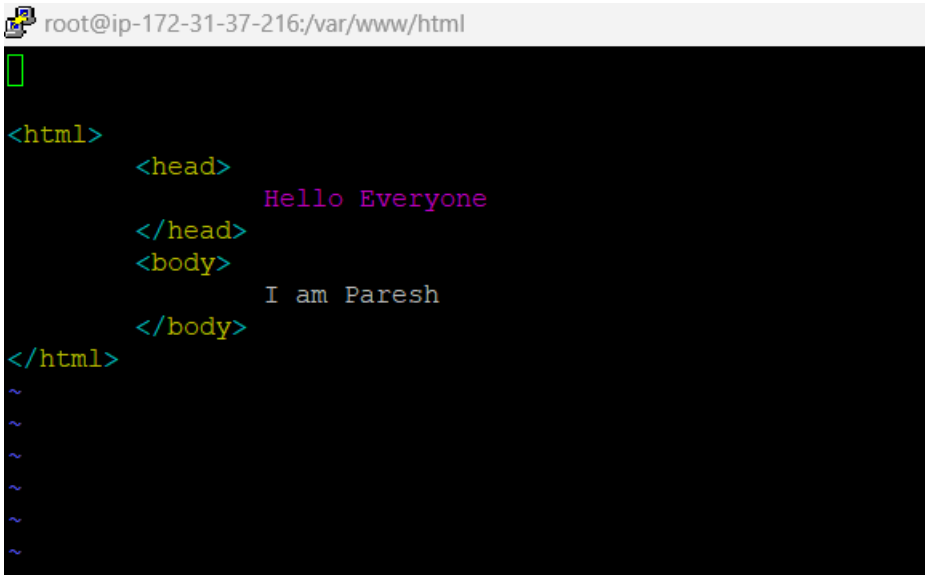
7. Necessary files are installed as below:
   Commands used: yum update httpd -y
   yum install httpd



8. In root documentary, necessary files are loaded and started using following commands:
   systemctl start httpd
   systemctl enable httpd
   command systemctl status httpd is used to check if the system is active or not.



9. Entering in root/var/www/html path, one html file name index.html is created using vi editor as below:



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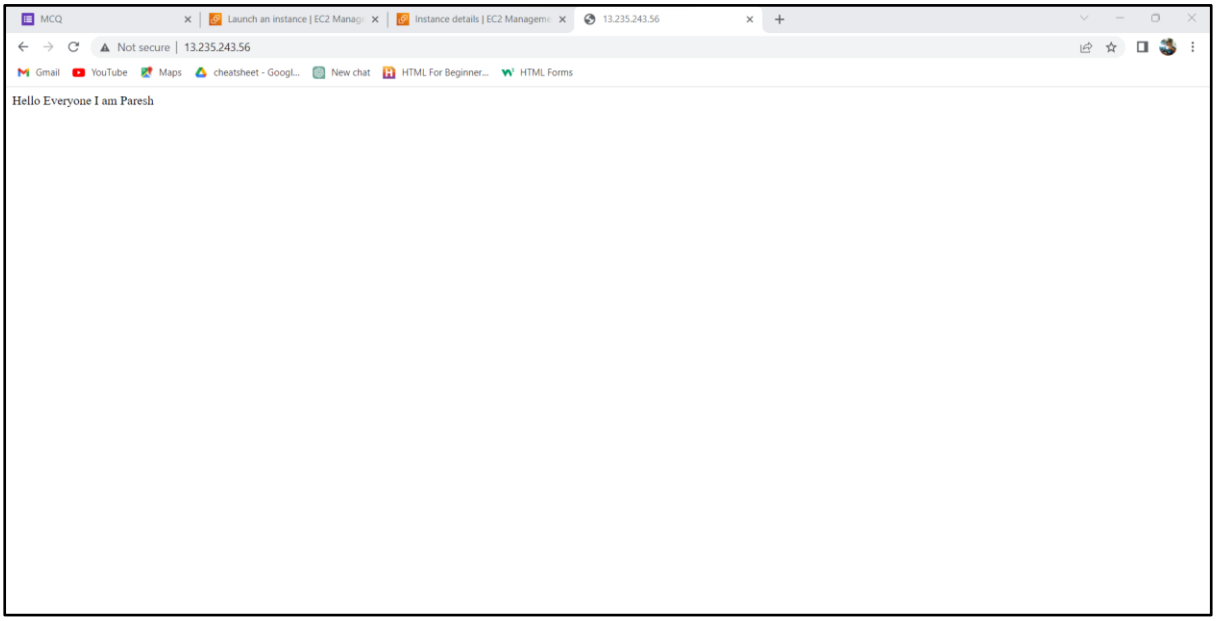
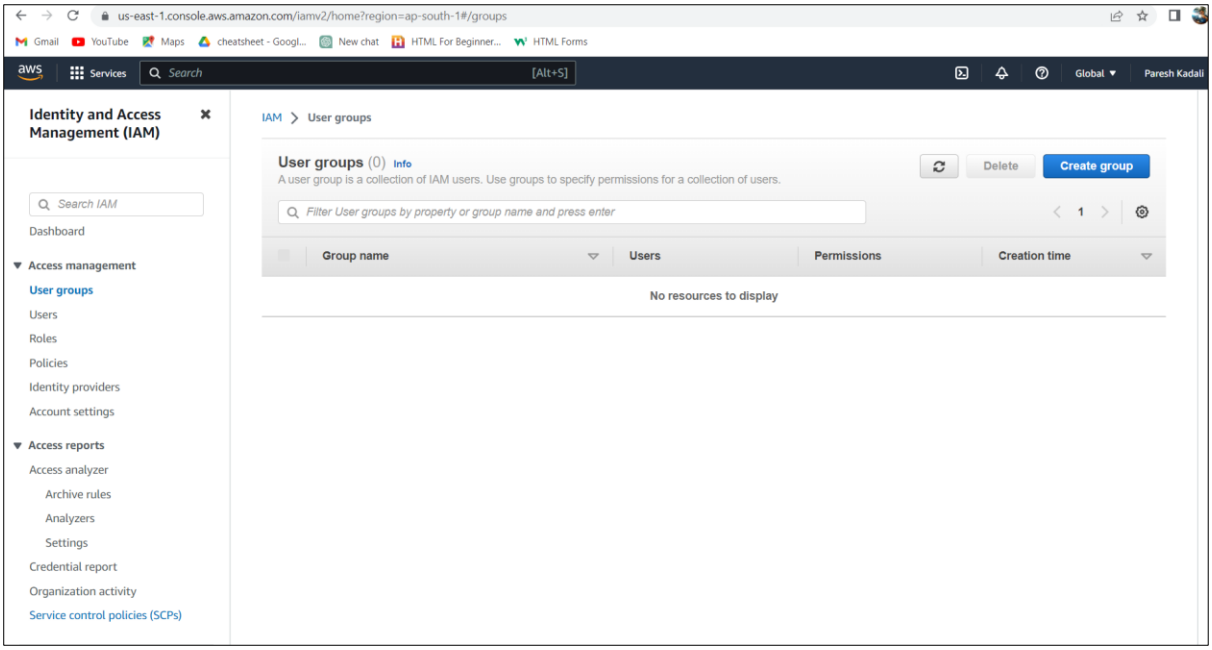
10. After successfully creating one html file we have been able to host/run the same file on our instance public IP as below:

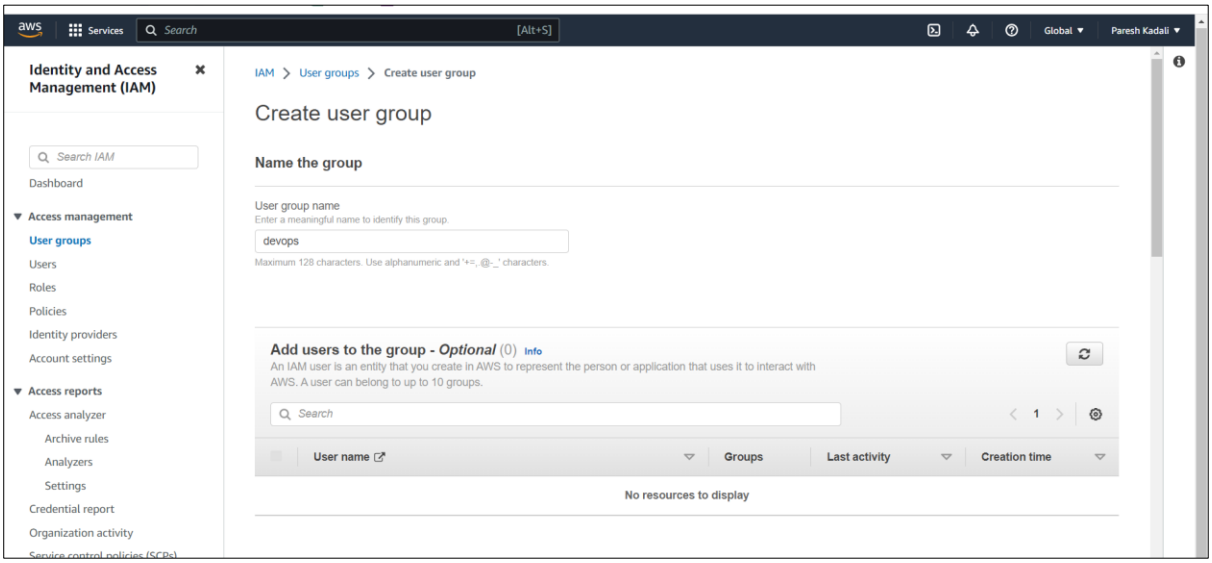


Q2 is on next page

Q2.

1. **After entering into IAM, user group named devops has been created as below:**





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2. **Group devops has been given the full access to use EC2 as below from system policies.**

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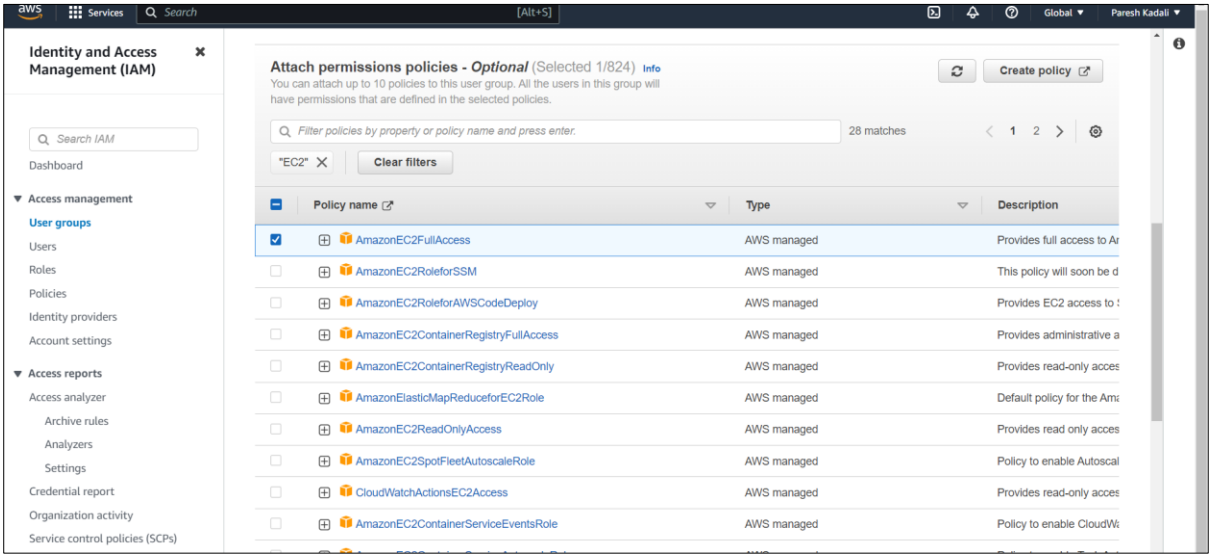
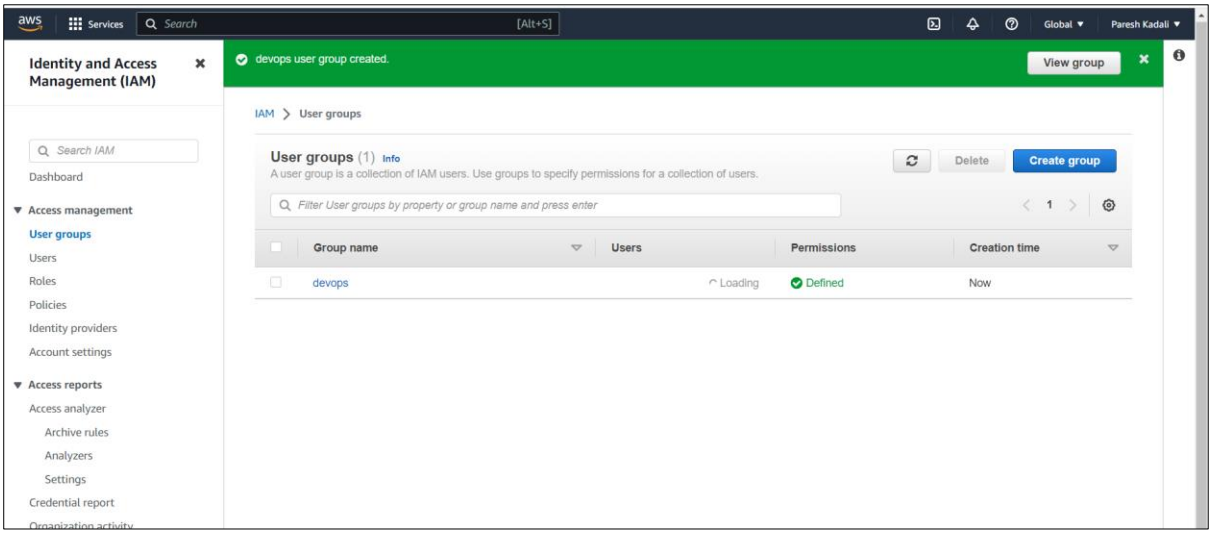


3. **devops user group is created successfully.**



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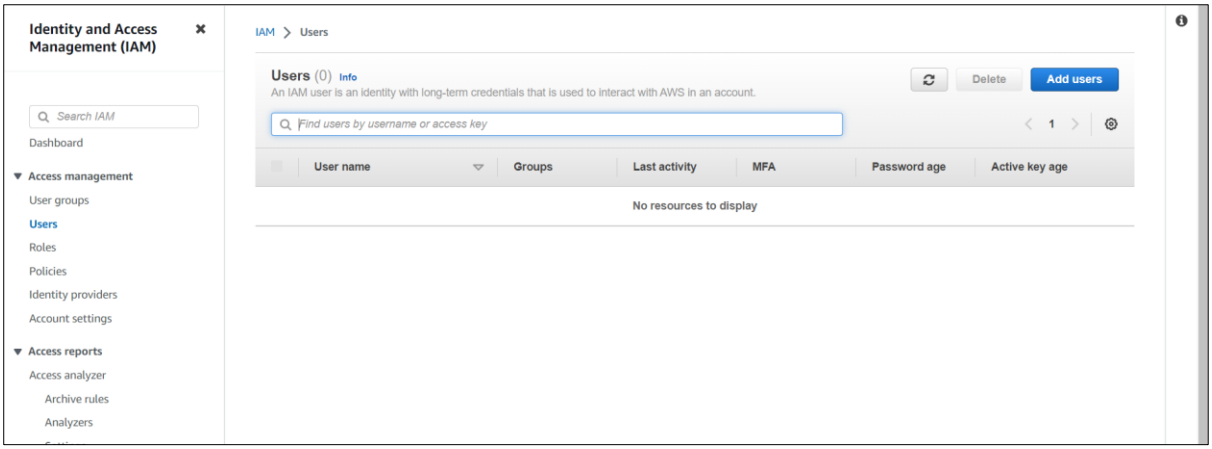
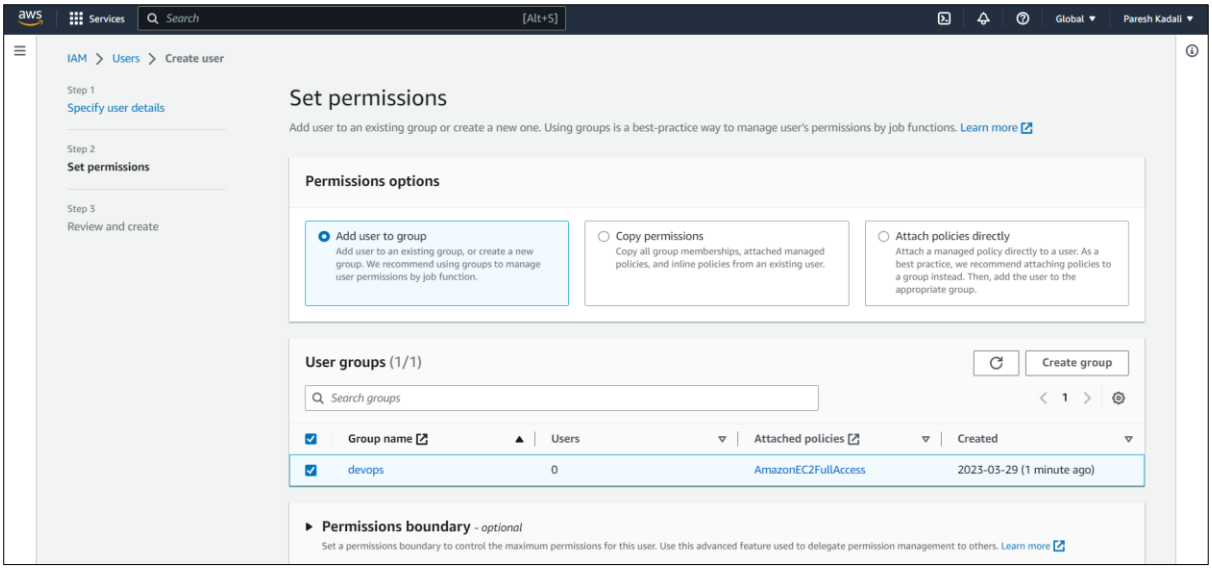
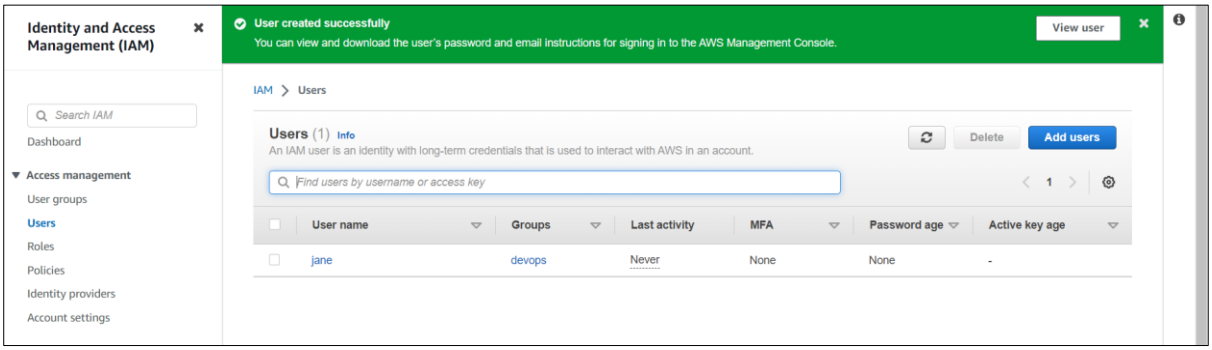
4. **Also one user of name jane is created as below:**



5. **While creating only, user jane is added in group devops with the same permissions as the group.**



6. **User jane has been created.**



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7. **We can verify the user's permission in IAM policy simulator provides by AWS as below:**
8. **Here we have given the user full access to use EC2 machine, it should show the same related permissions in the simulator.**

As seen below as we have not given any access for the API or backend linking to the user, it is showing denied. For EC2, it is showing every permission is allowed as expected.