Assignment 6

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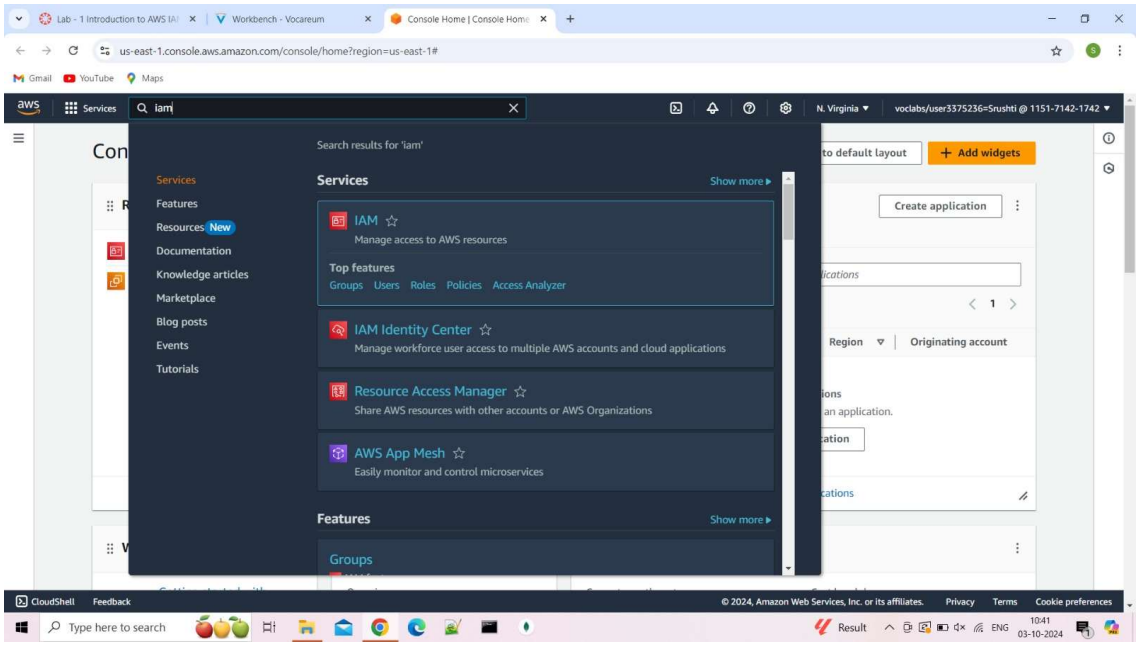
Class: Msc CS Part 2

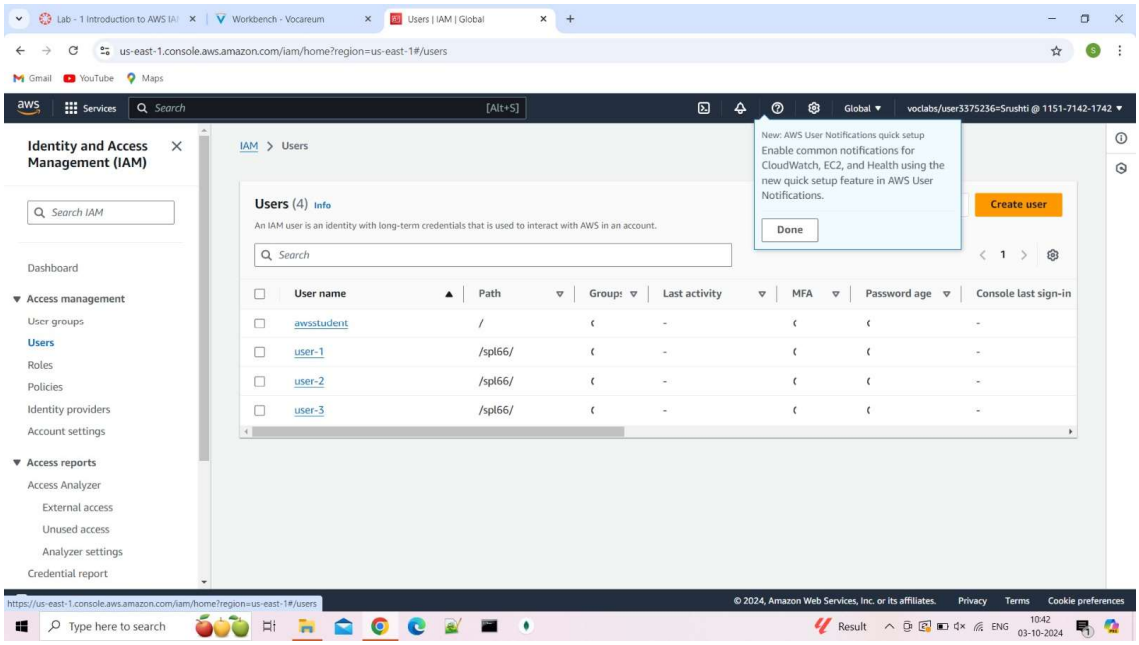
Q.)Working and Implementation of Identity and Access Management (Using AWS)

Step 1: In the search box to the right of Services, search for and choose IAM to open the IAM console.

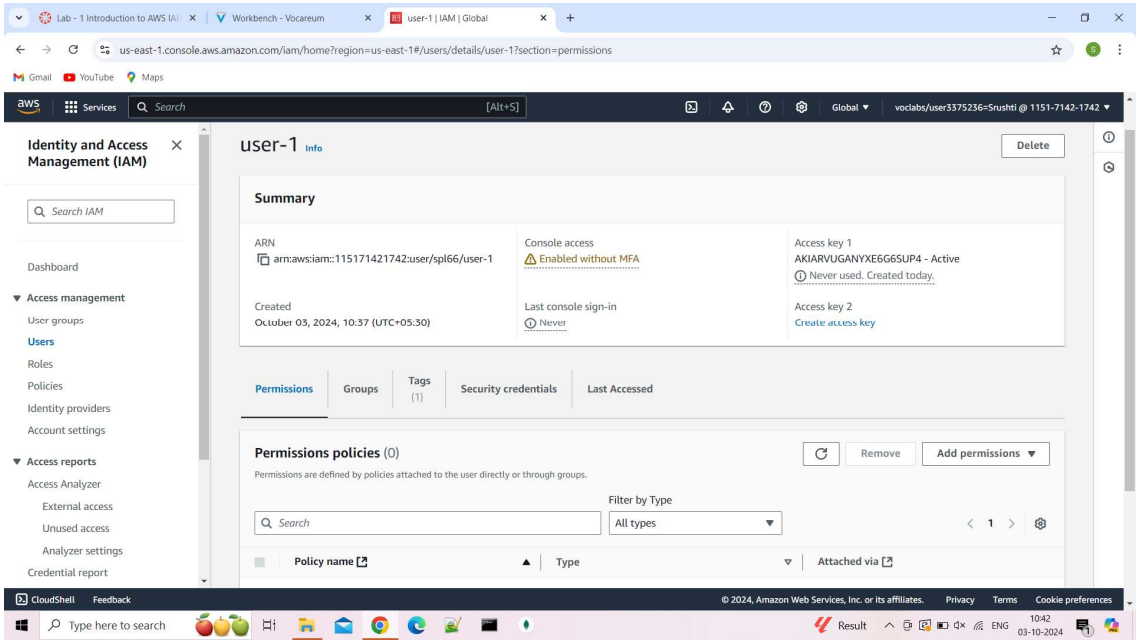


Step 2: In the navigation pane on the left, choose Users.The following IAM Users have been created already:

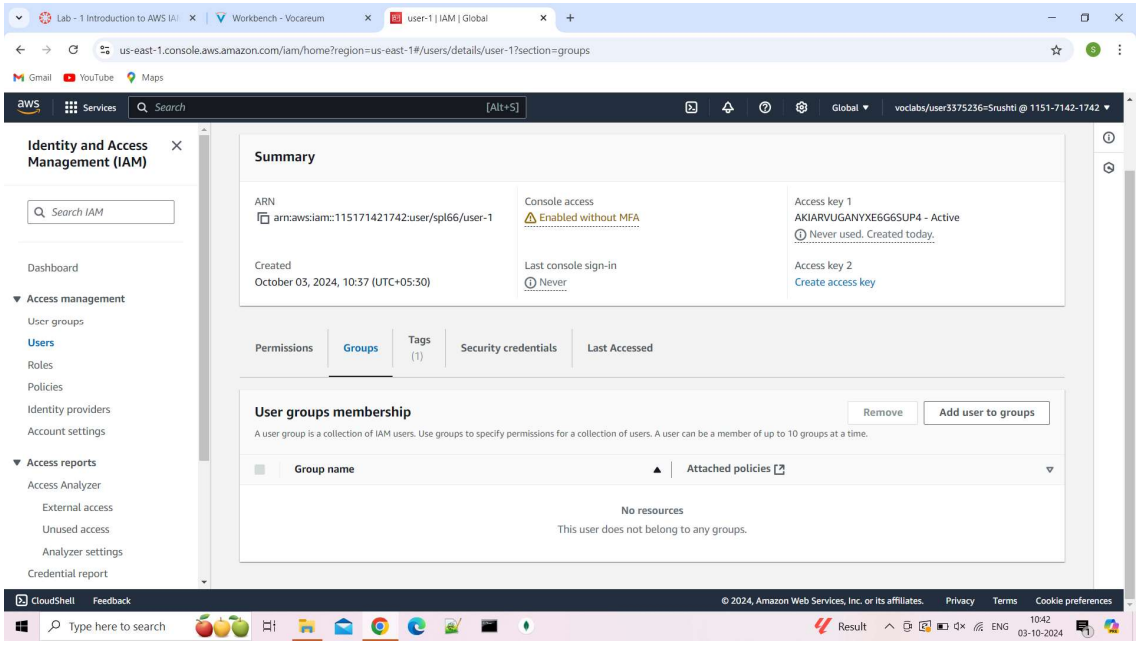
- user-1
- user-2
- user-3



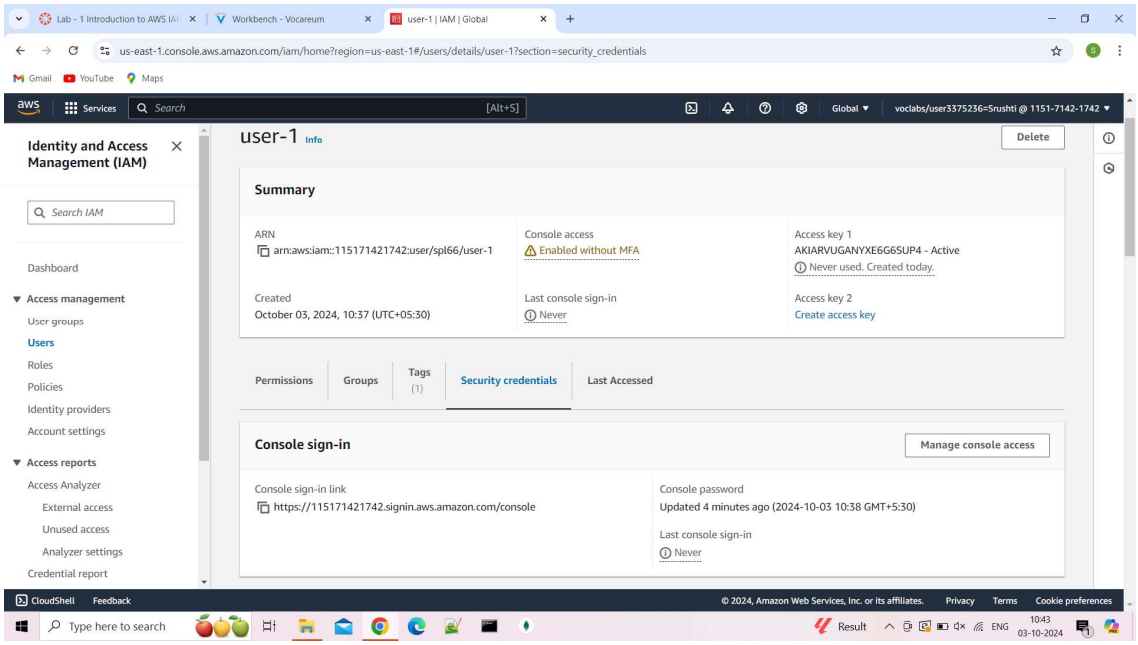
Step 3: Choose the user-1 link.This will bring to a summary page for user-1. The Permissions tab will be displayed.



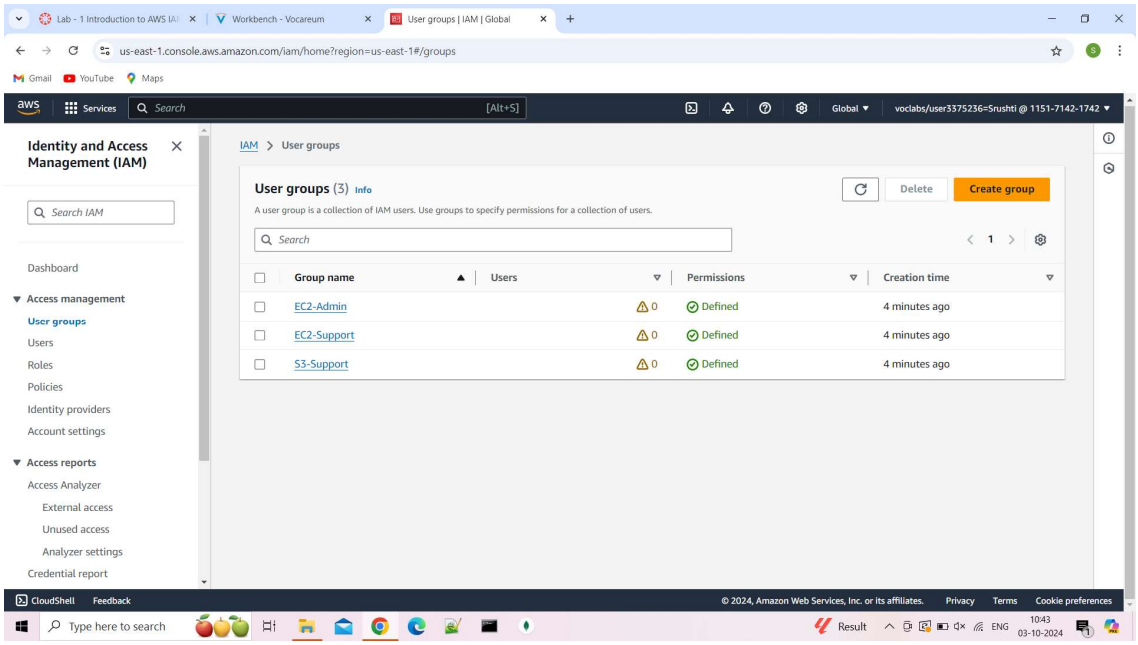
Step 4 :Choose the Groups tab.user-1 also is not a member of any groups.



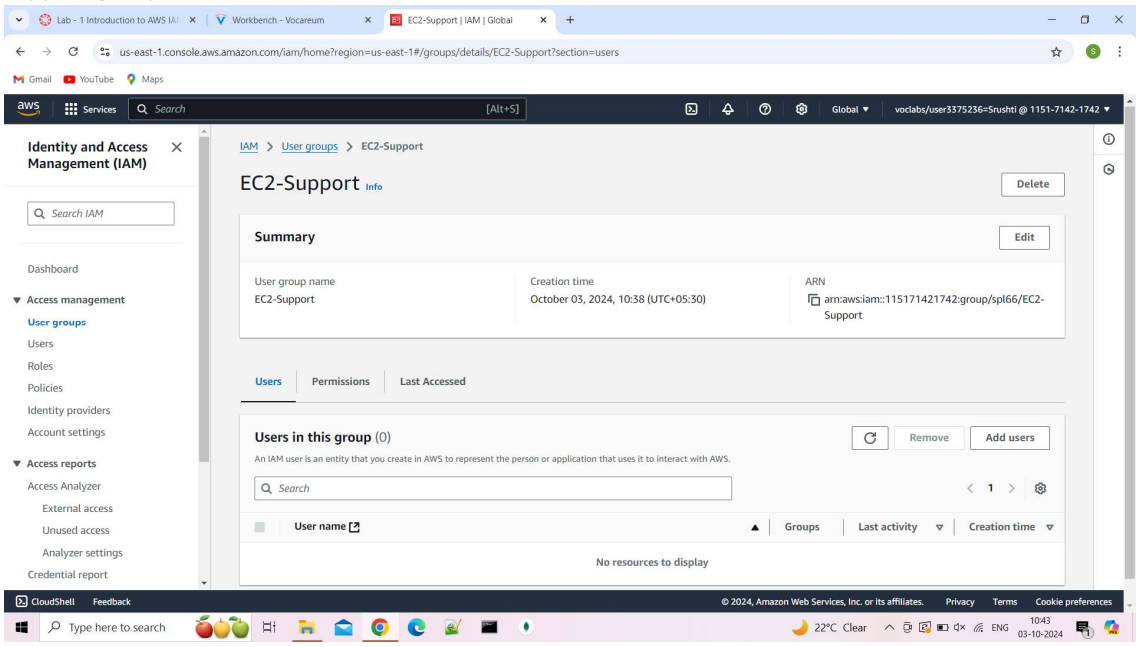
Step 5 :Choose the Security credentials tab.user-1 is assigned a Console password.

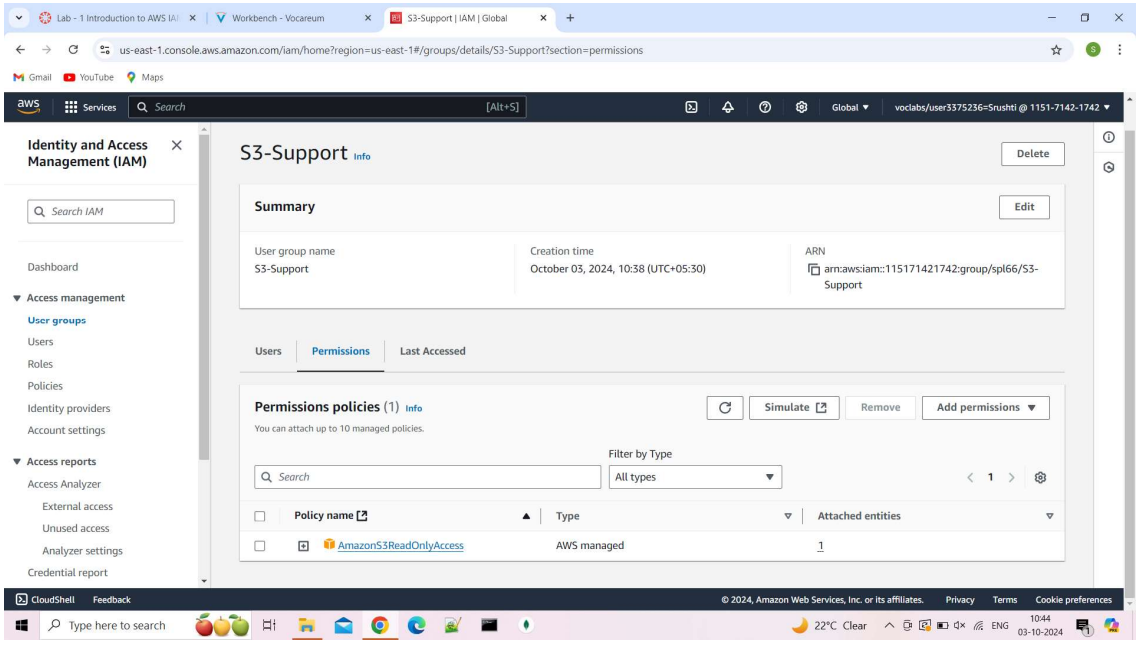


Step 6: In the navigation pane on the left, choose User groups.The following groups have already been created for you: • EC2-Admin,EC2-Support,S3-Support

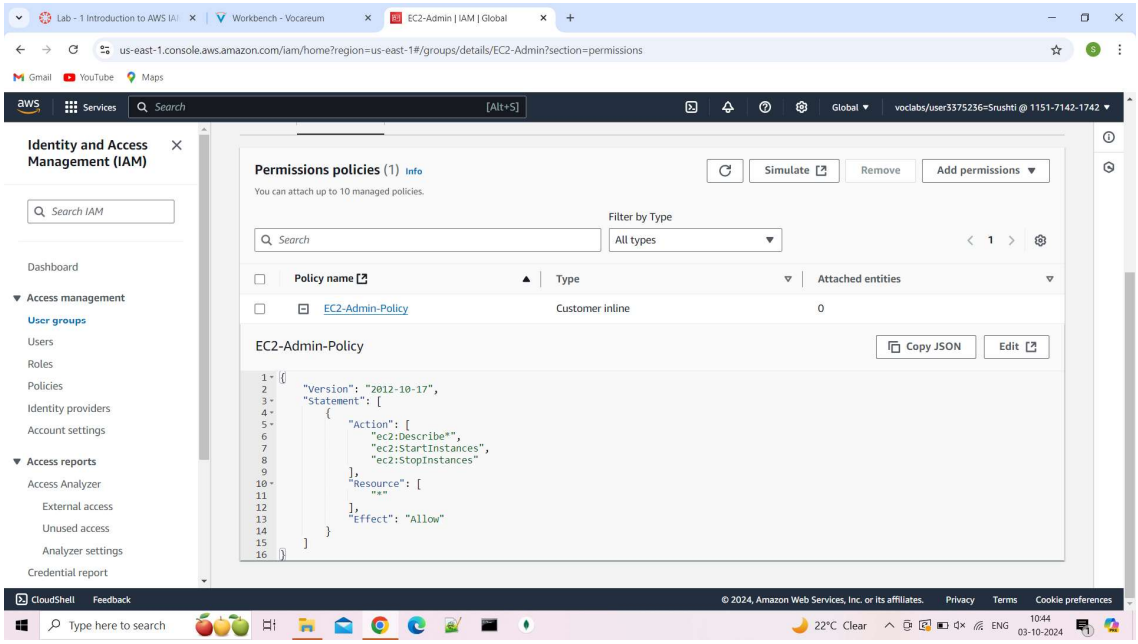


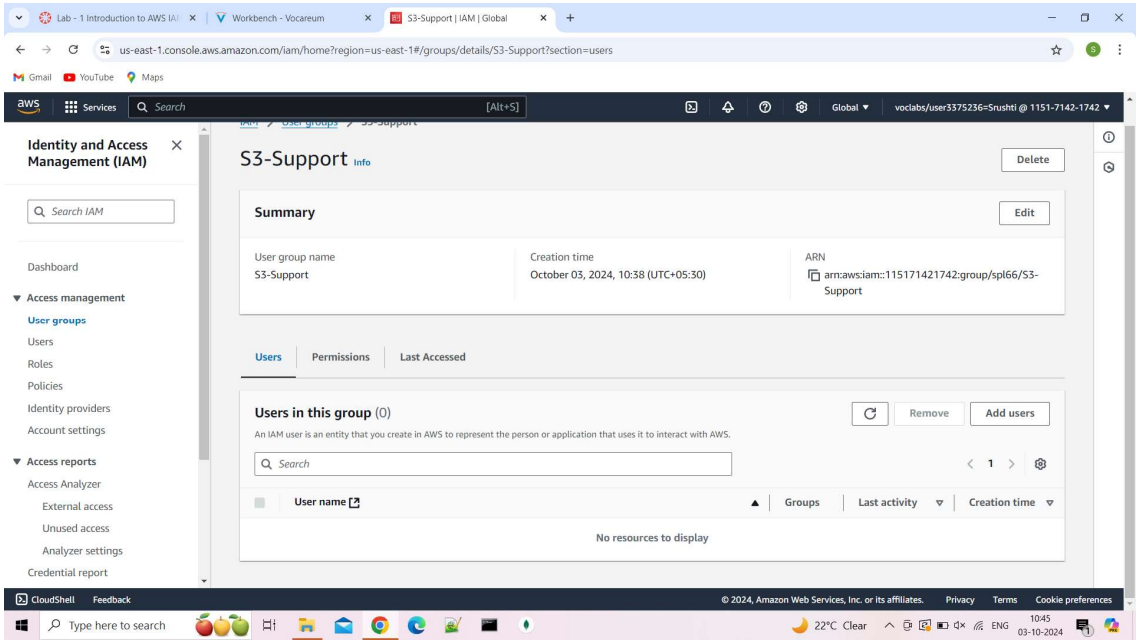
Step 7 : Choose the EC2-Support group link.This will bring you to the summary page for the EC2-Support group.



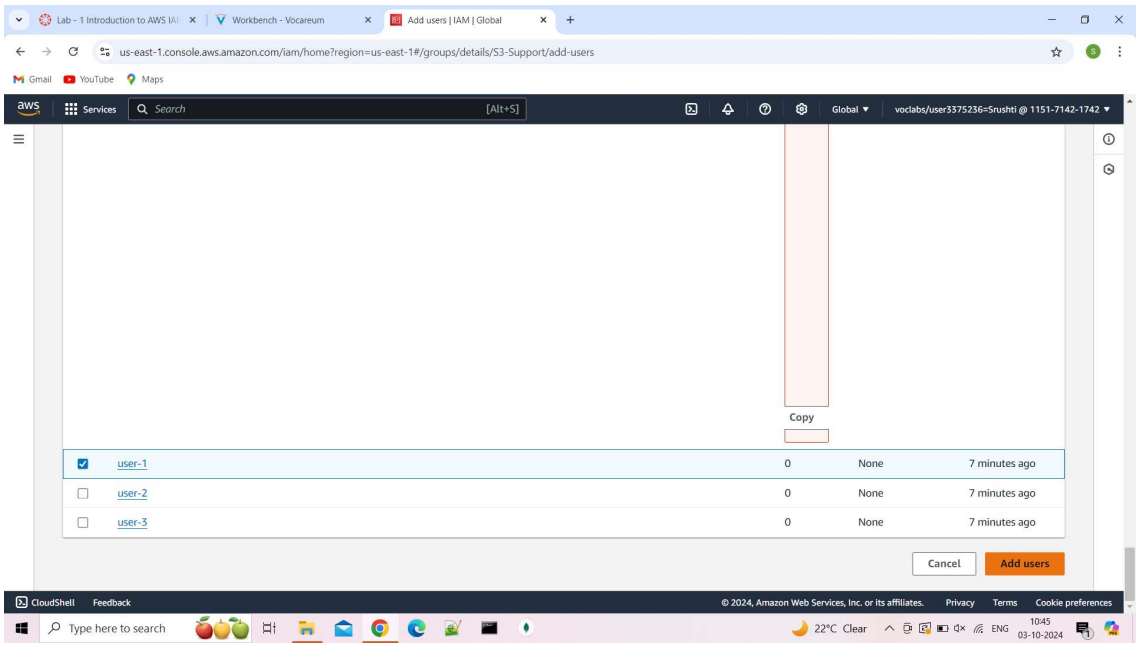


Step 8: Choose the Permissions tab

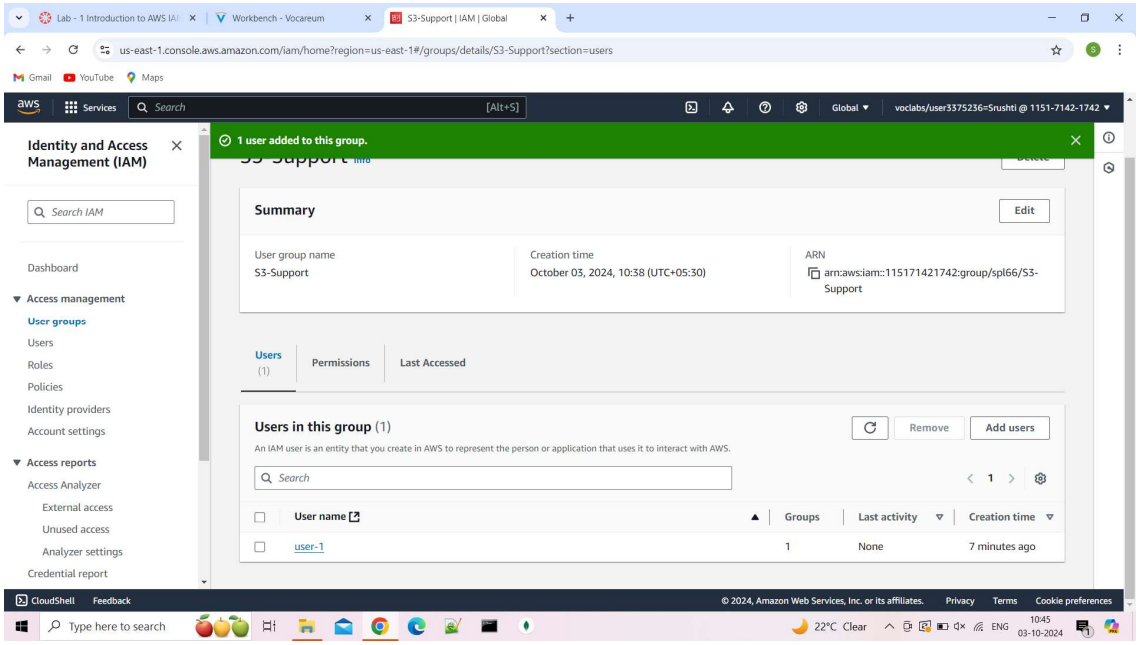




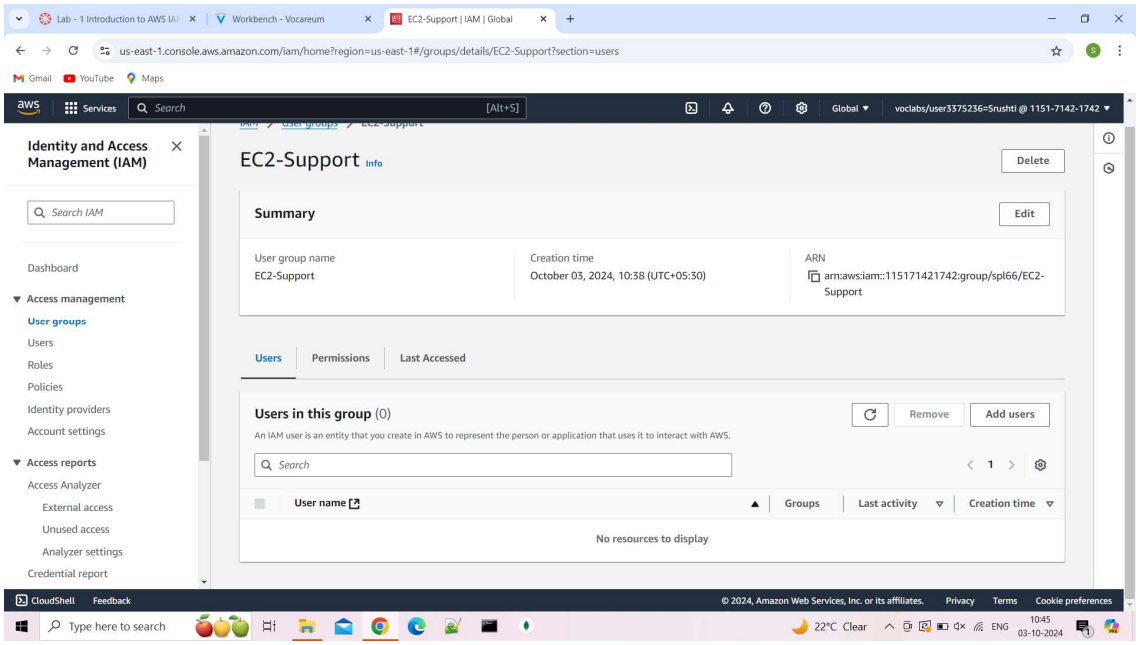
Step 9 :In the navigation pane on the left, choose User groups. Choose the S3- Support group link and then choose the Permissions tab.



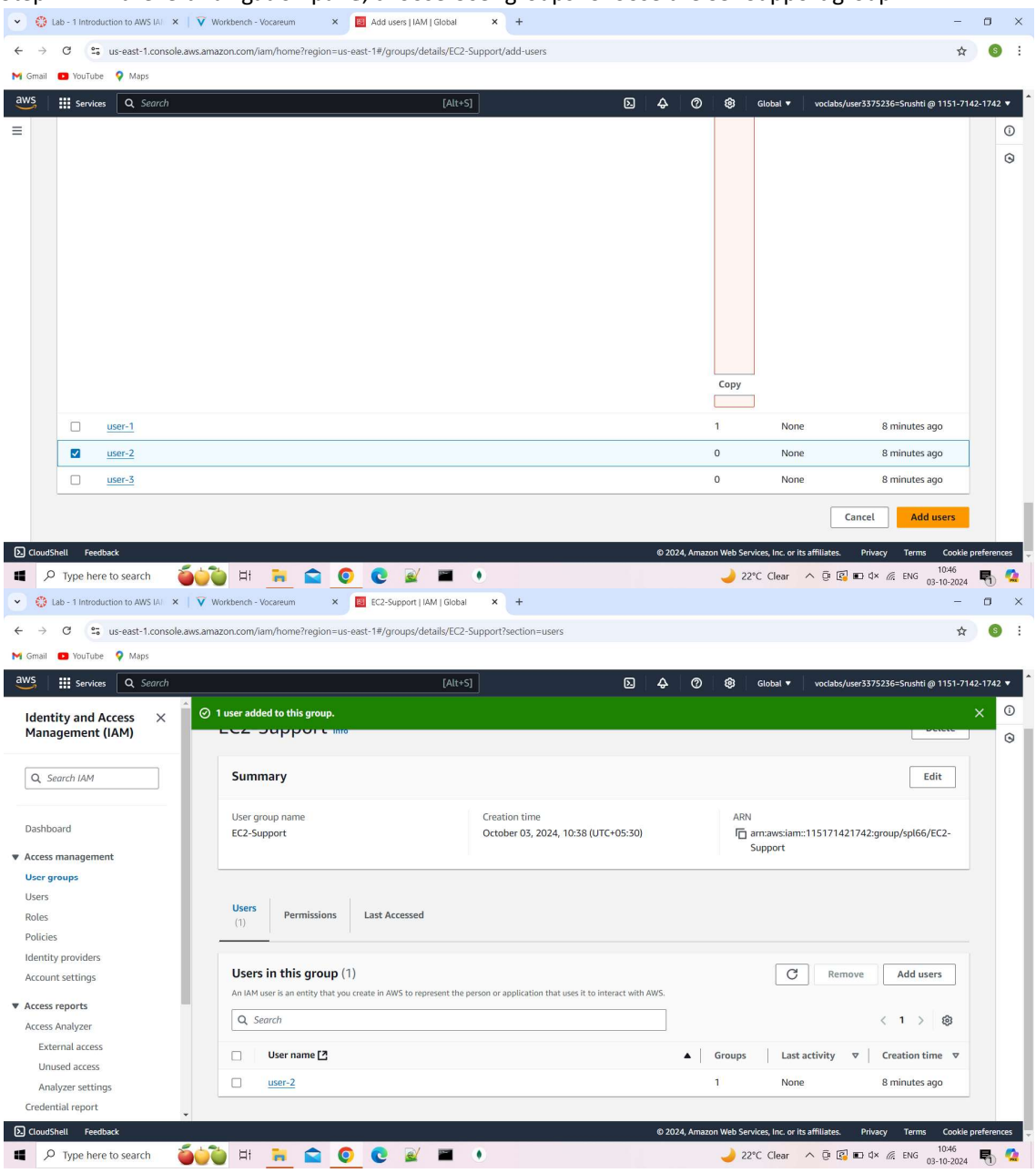
Step 11: Choose the EC2-Admin group link and then choose the Permissions tab.



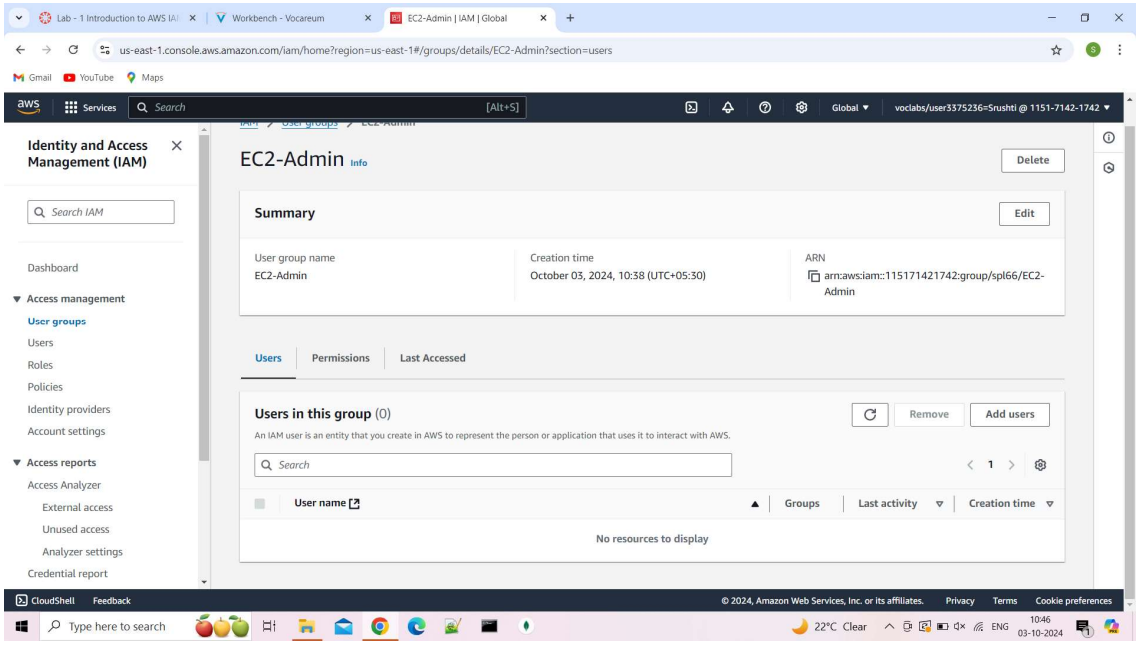
Choose the plus (+) icon to view the policy details.



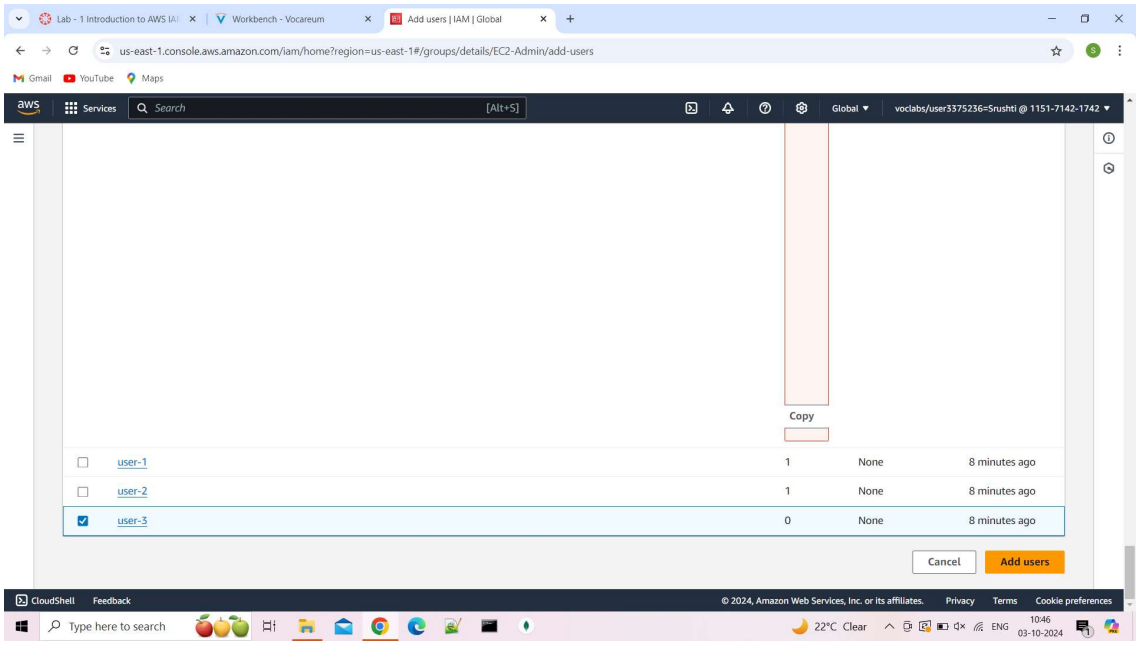
Step 12 : In the left navigation pane, choose User groups. Choose the S3- Support group link.



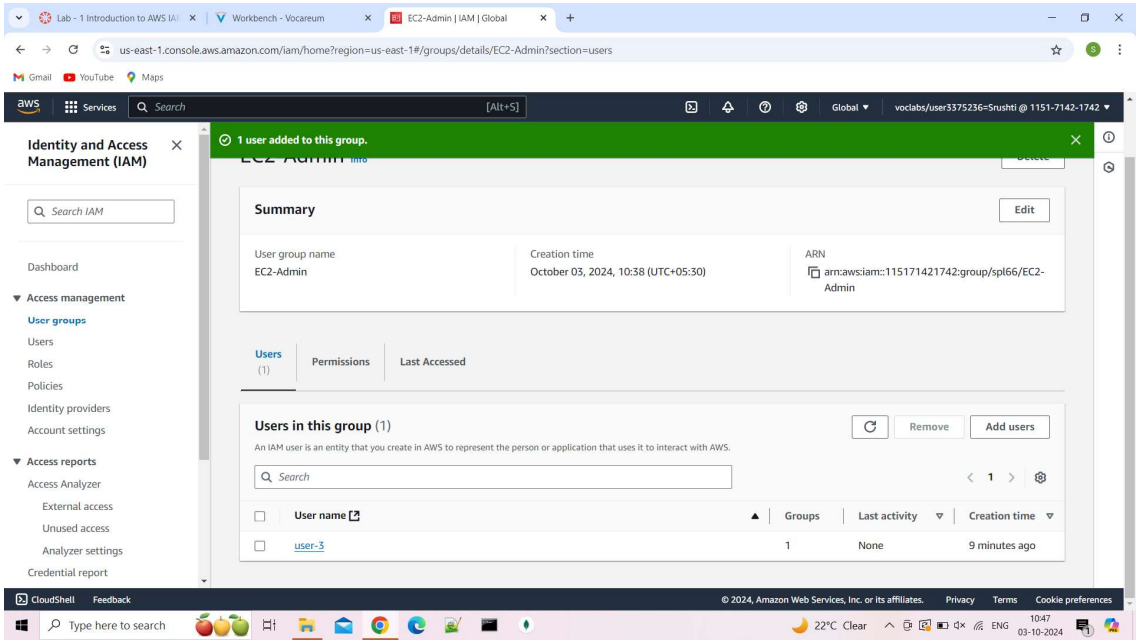
Step 13 : Choose the Users tab. In the Users tab, choose Add users.



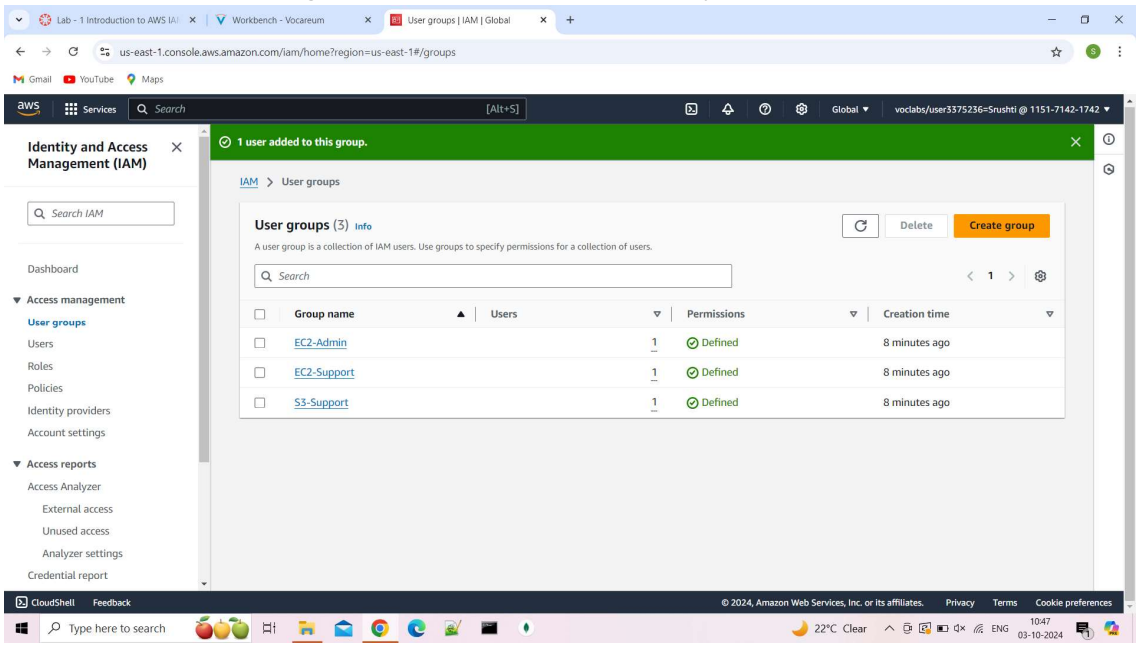
Step 14 : In the Add Users to S3-Support window, configure the following: ○ Select user-1. ○ At the bottom of the screen, choose Add users. In the Users tab you will see that user-1 has been added to the group.



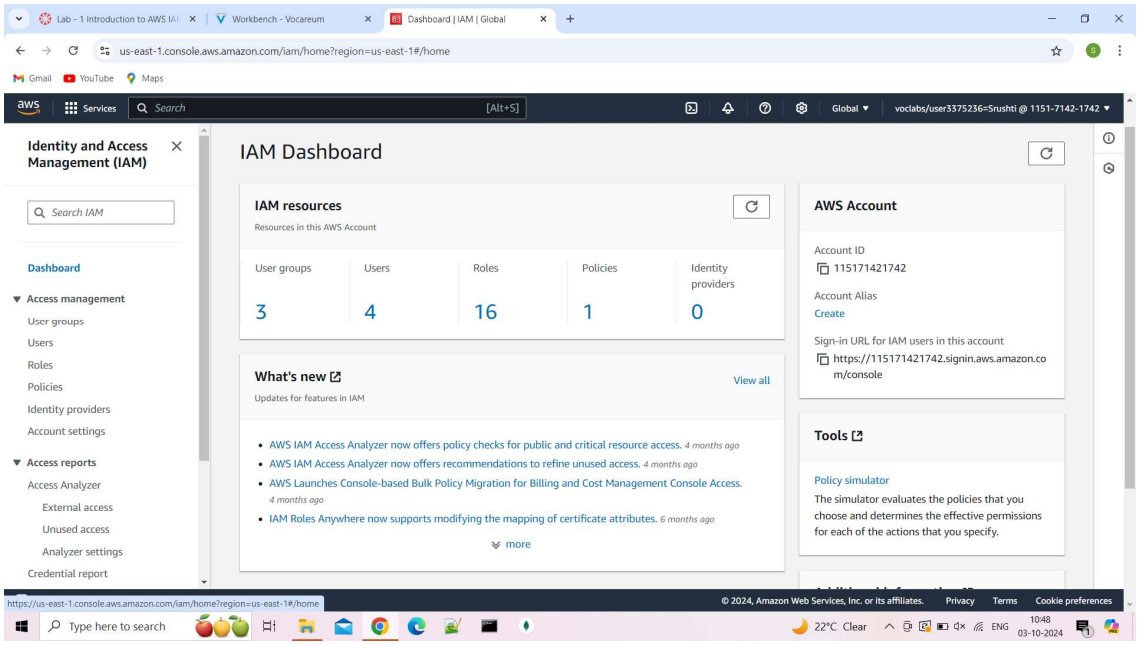
User-3 added successfully



Step 18 : In the navigation pane on the left, choose User groups.Each Group should now have a 1 in the Users column, indicating the number of Users in each Group.

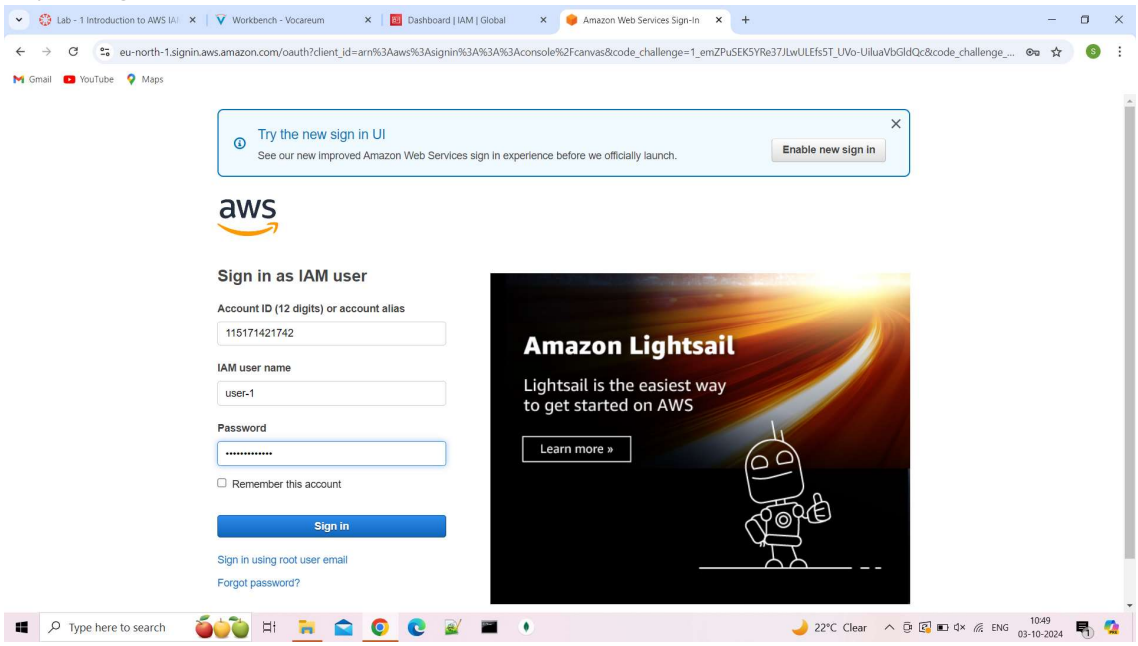


Step 19 :In the navigation pane on the left, choose Dashboard.A Sign-in URL for IAM users in this account link is displayed on the right.copy it

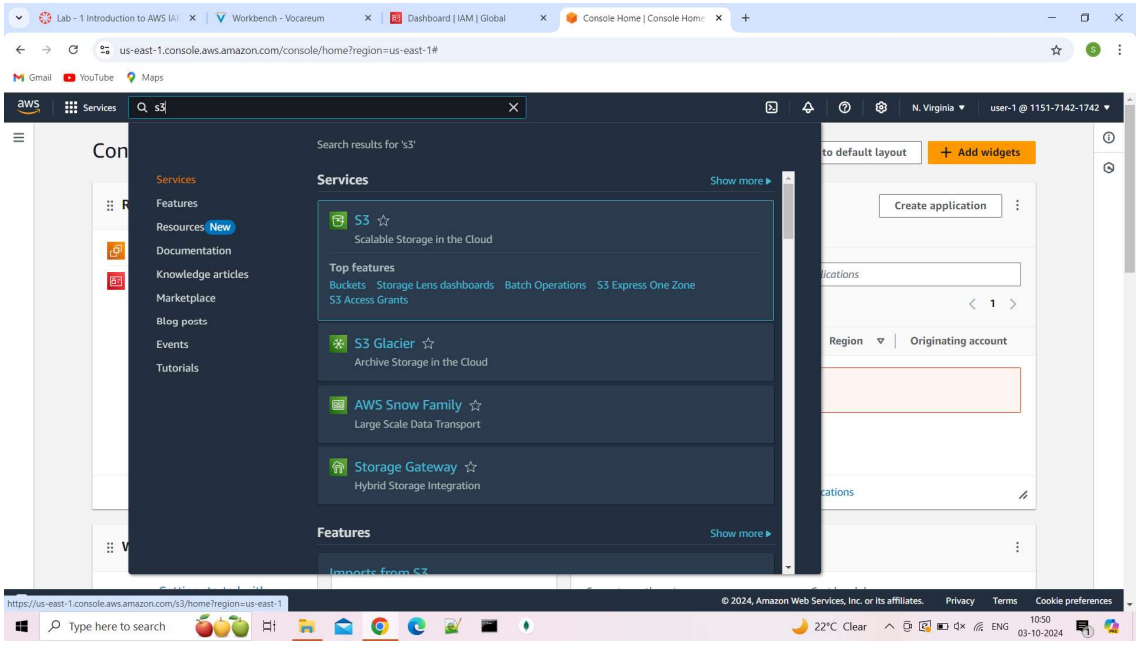


Step 20 :Open a private (Incognito) window.Paste the IAM users sign-in link into the address bar of your private browser session and press Enter.

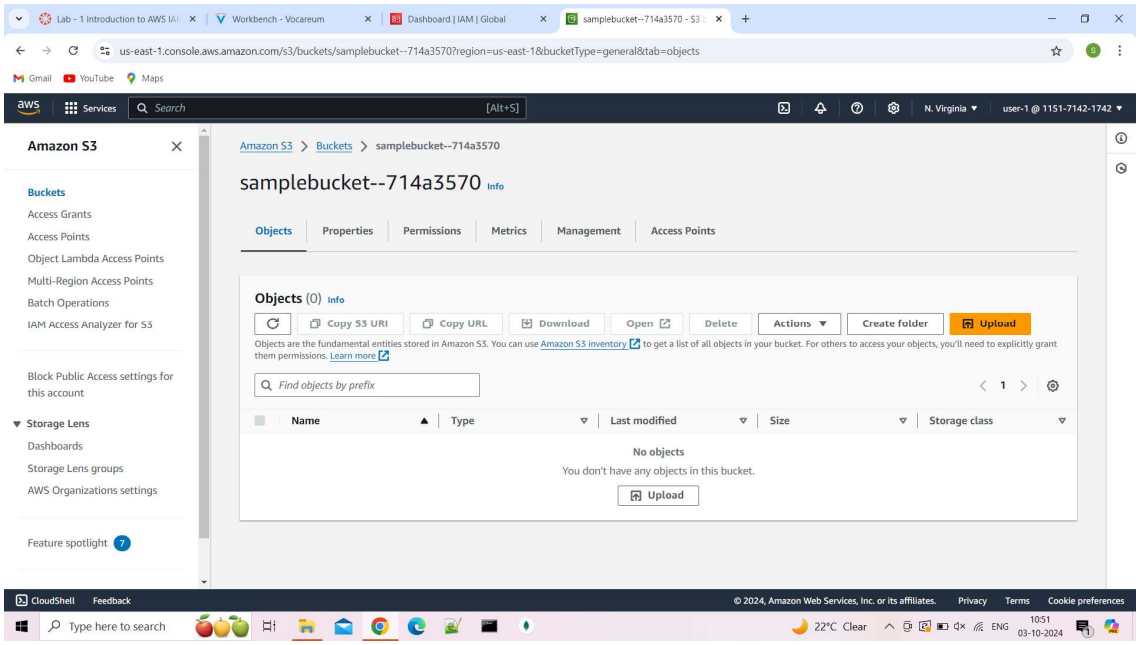
Step 21 :Sign-in with: ● IAM user name: user-1 Password: Lab-Password1



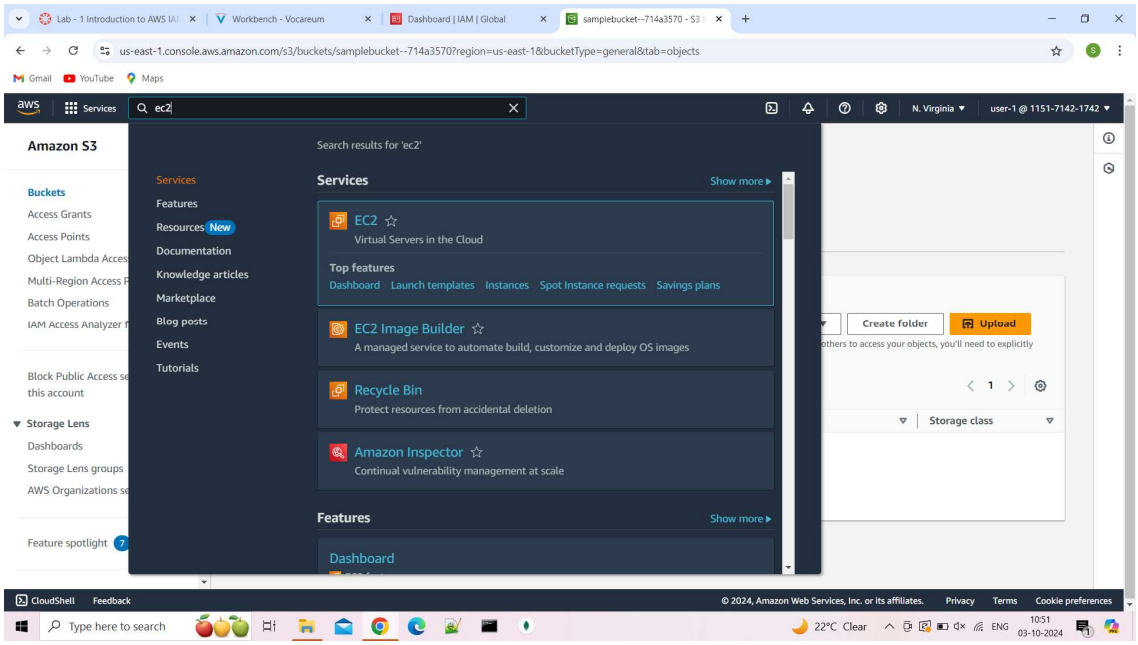
Step 22 :In the search box to the right of Services, search for and choose S3 to open



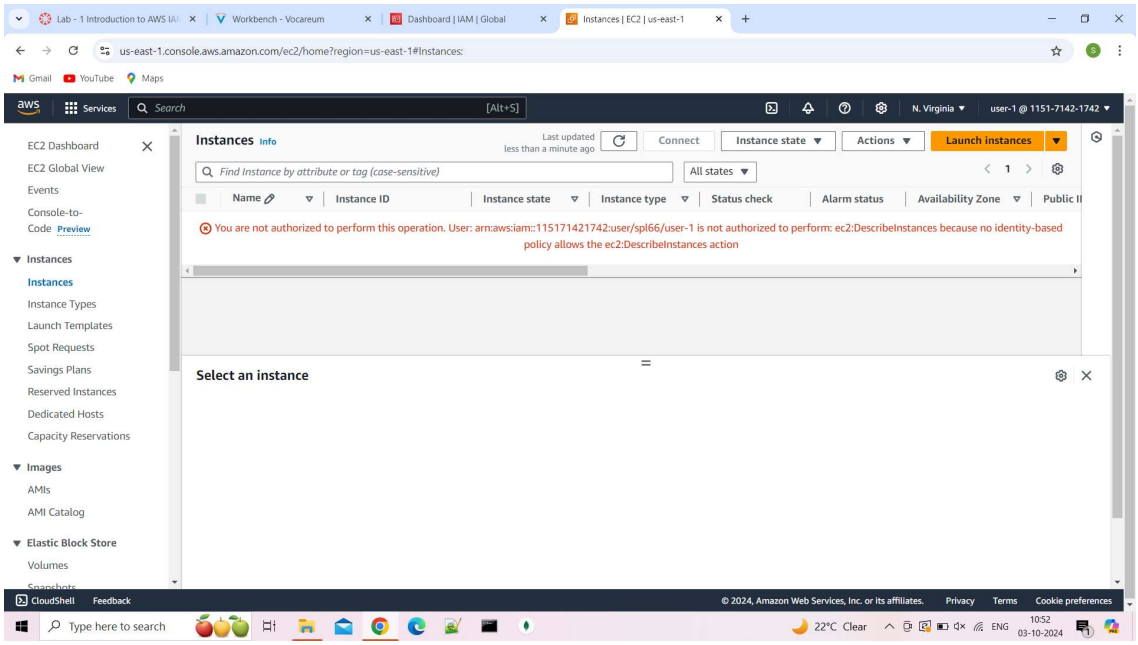
Step 23 :Choose the name of the bucket that exists in the account and browse the contents.The bucket does not contain any objects.



Step 24 :In the search box to the right of Services, search for and choose EC2 to open the EC2 console.

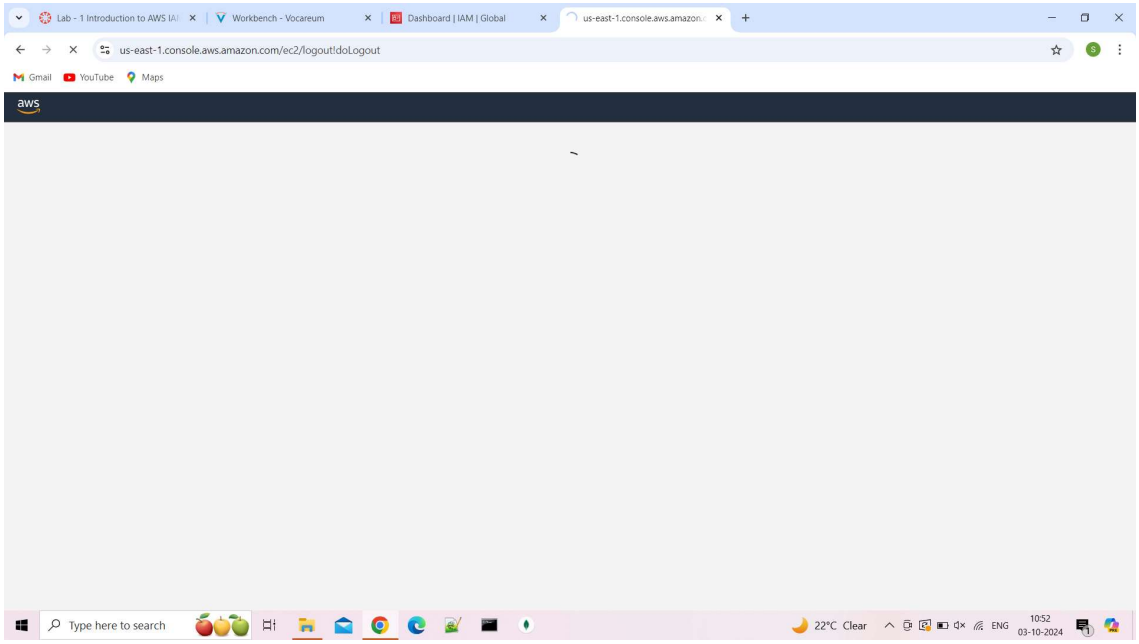


Step 25 :In the left navigation pane, choose Instances.You cannot see any instances.

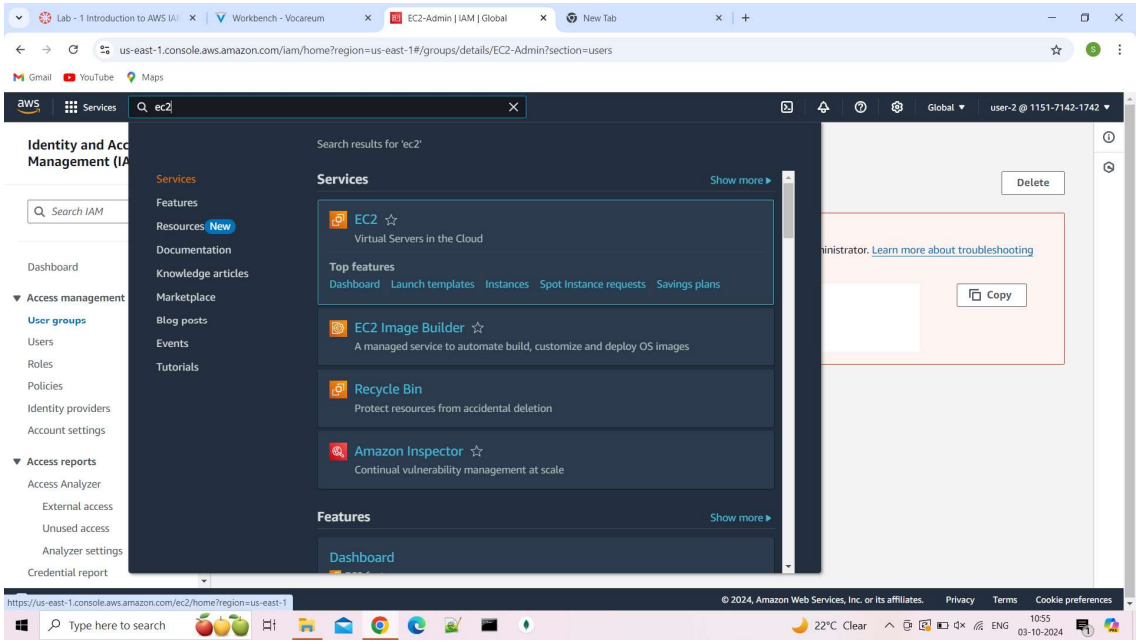


Step 26: Choose Sign Out Step

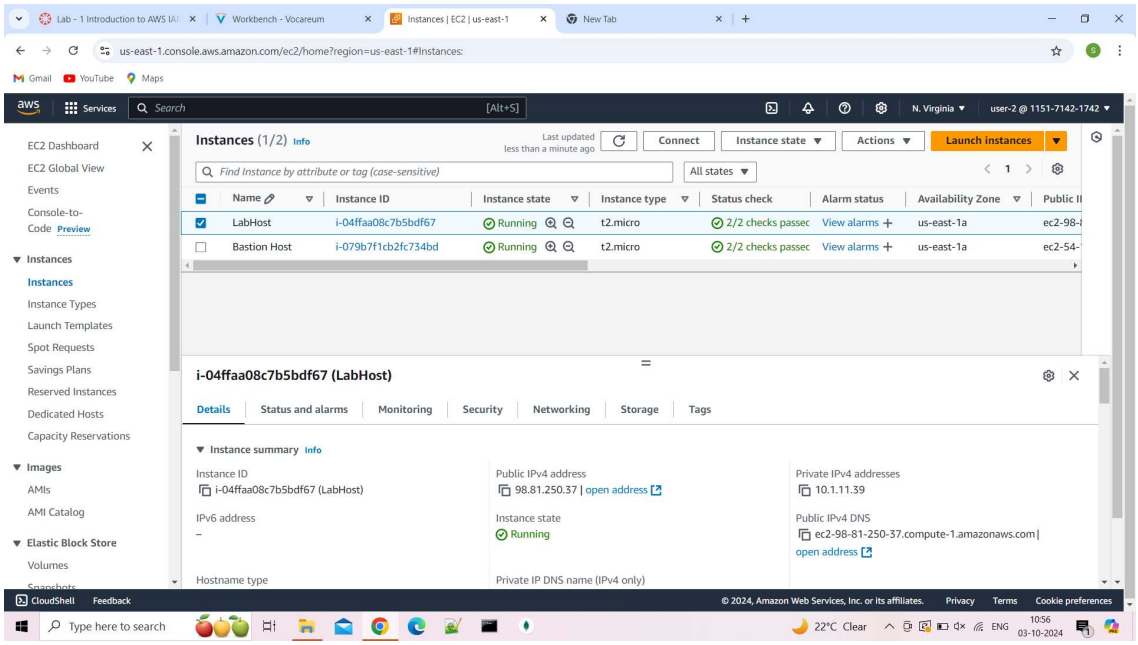
27: Paste the IAM users sign-in link into your private browser tab's address bar and press Enter. Sign-in with: IAM user name: user-2 Password: Lab-Password2



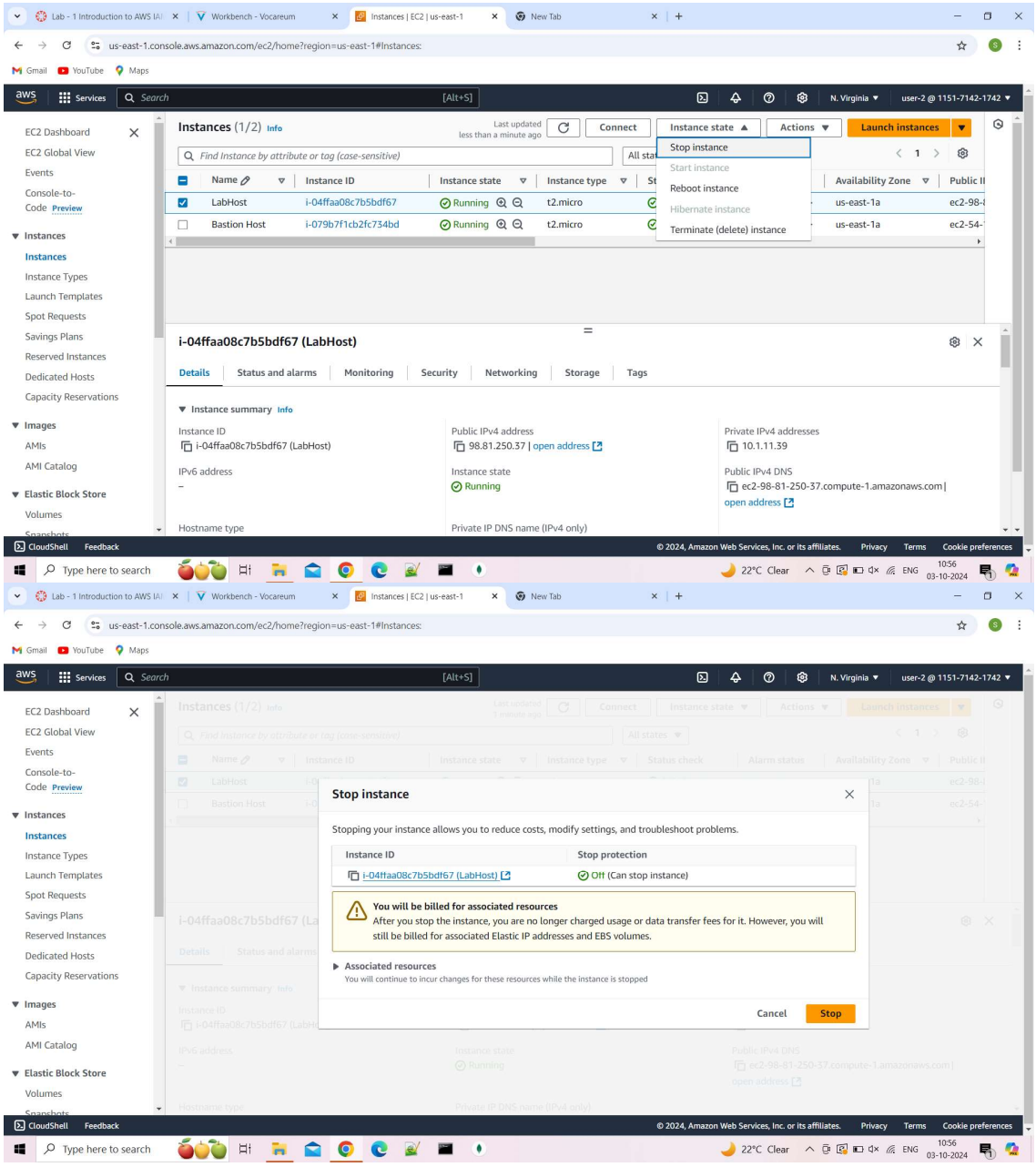
Step 28 :In the search box to the right of Services, search for and choose EC2 to open the EC2 console.



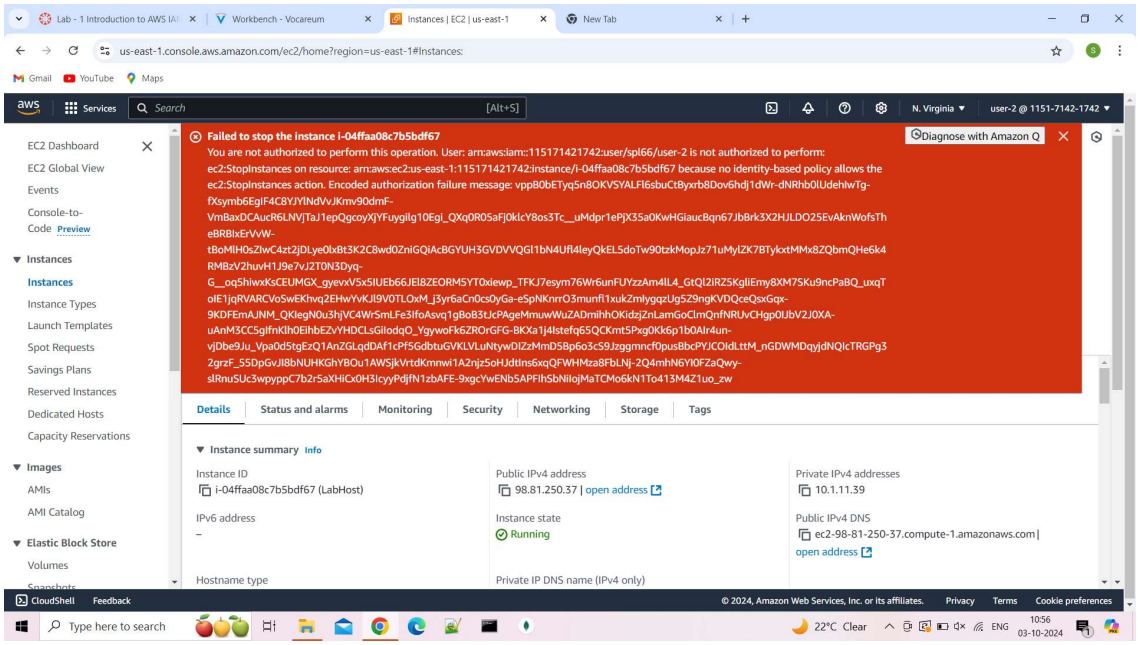
Step 29 :In the navigation pane on the left, choose Instances.



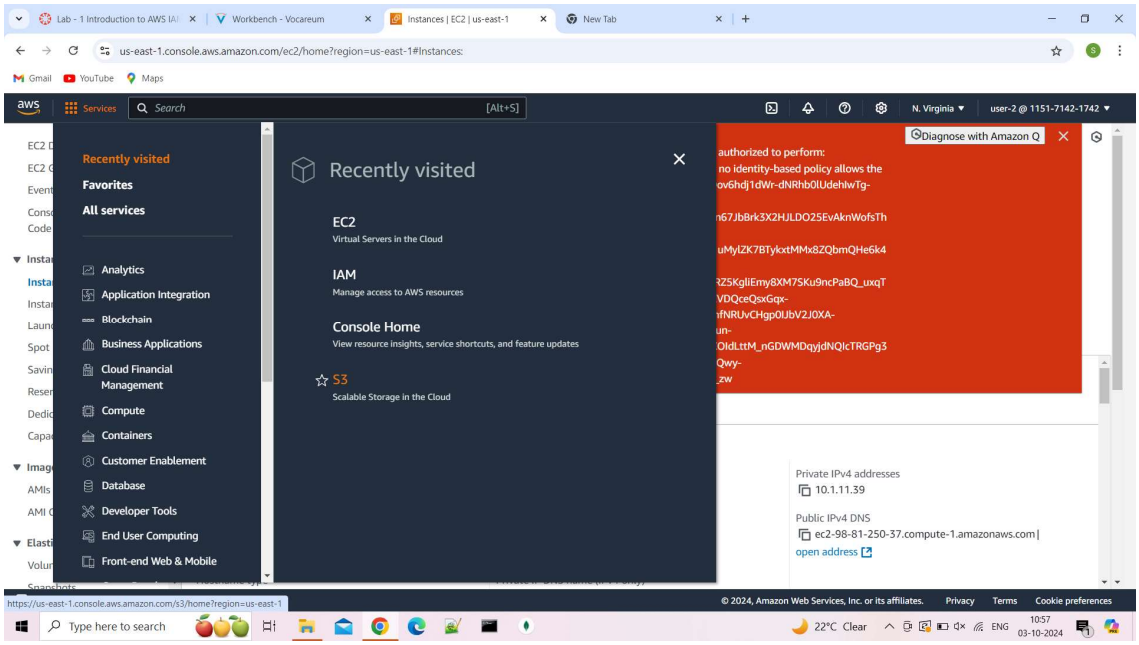
Step 30 : Select the instance named LabHost, In the Instance state menu above, select Stop instance.



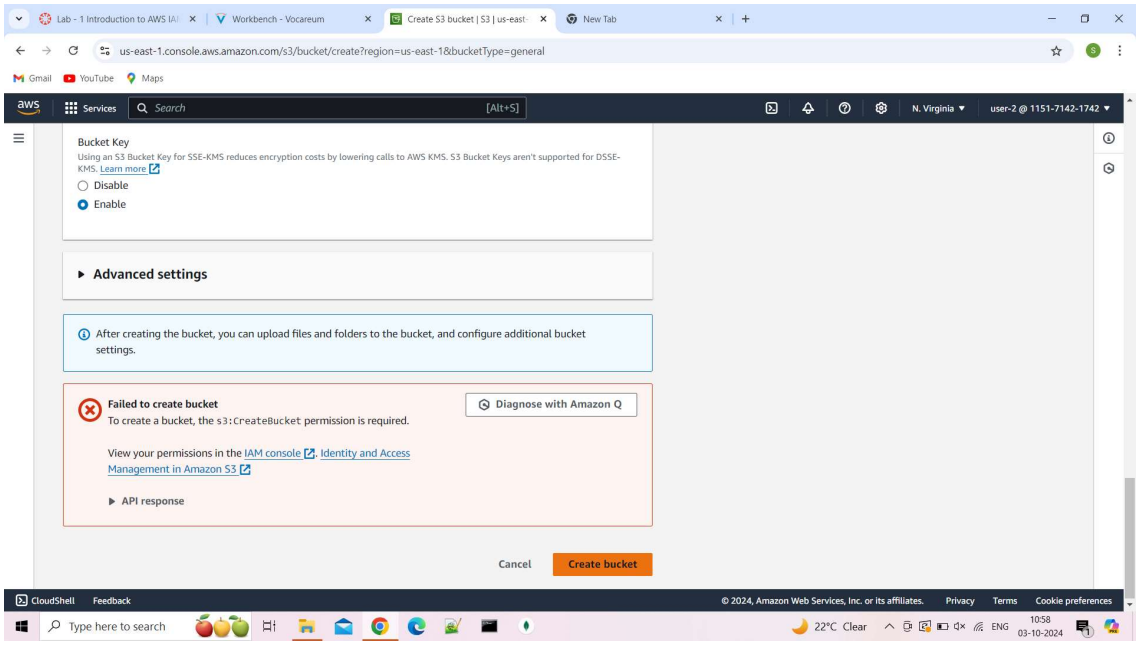
Step 31: You will receive an error stating You are not authorized to perform this operation. This demonstrates that the policy only allows you to view information, without making changes.



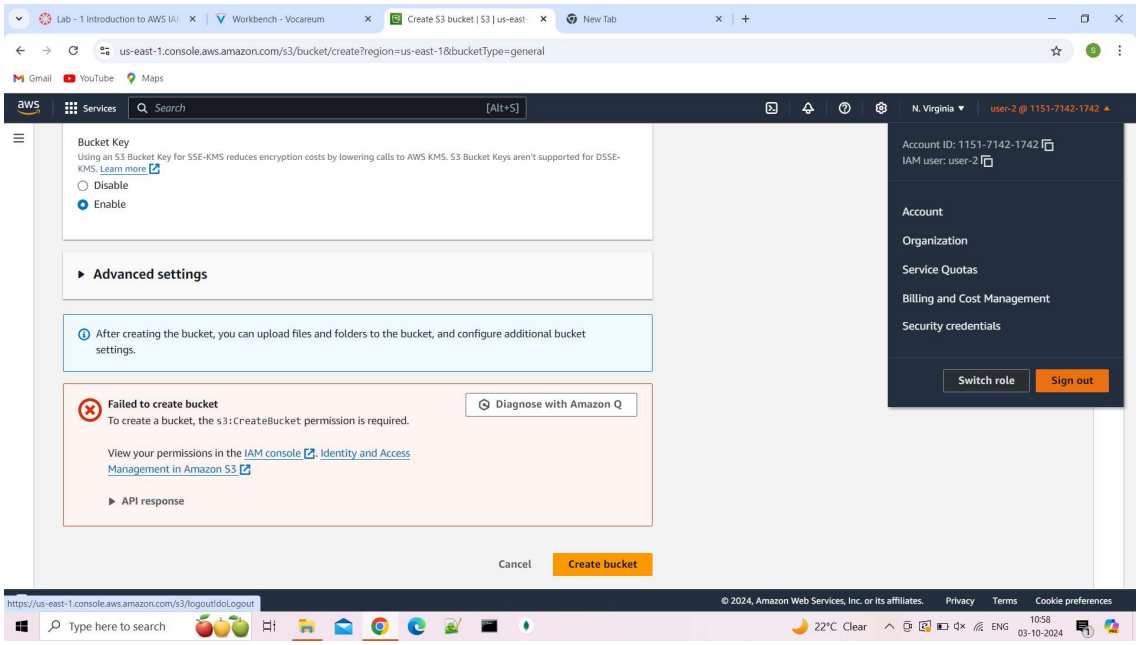
Step 32 : In the search box to the right of Services, search for and choose S3 to open the S3 console.



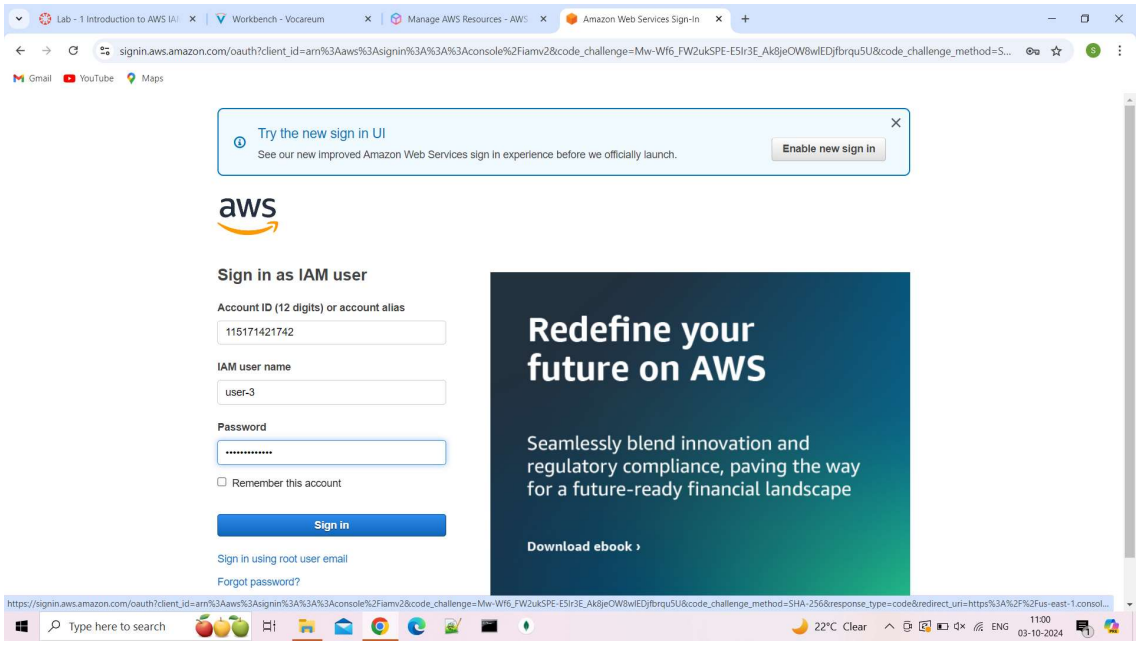
You will see the message You don't have permissions to list buckets because user-2 does not have permission to access Amazon S3.



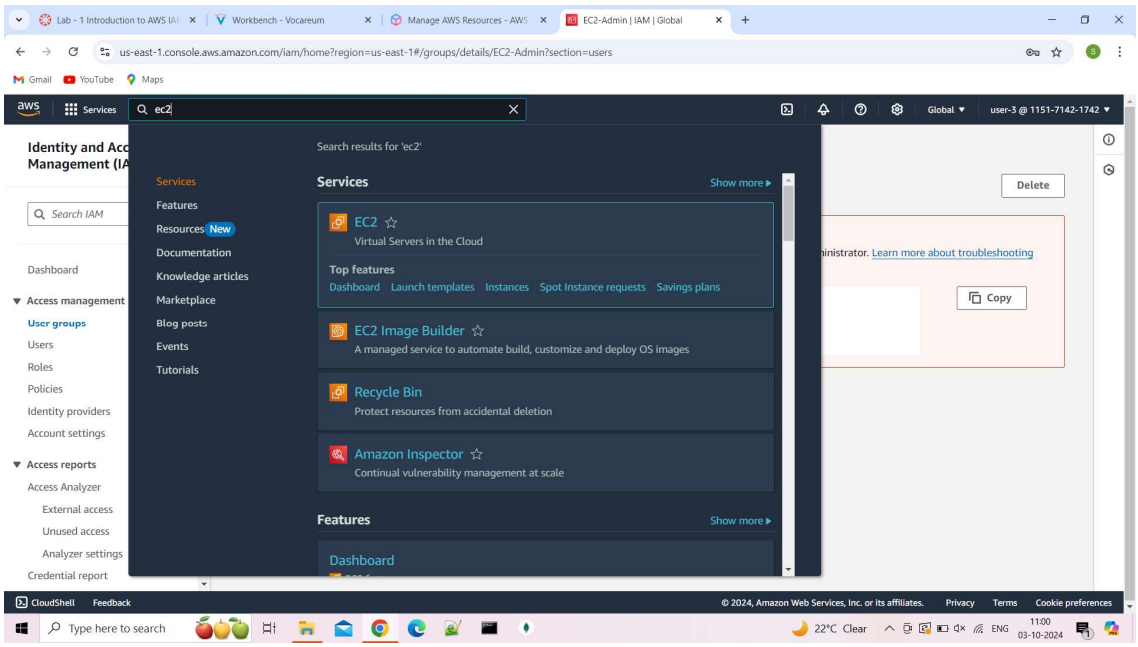
Step 33 : Choose Sign Out

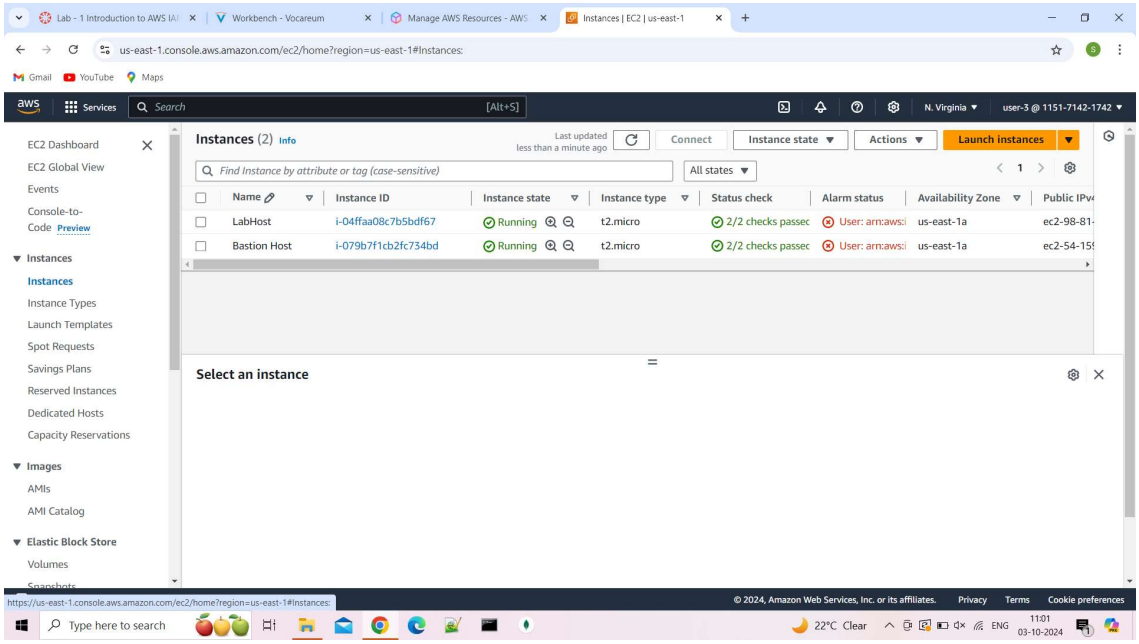


Step 34 :Paste the IAM users sign-in link into your private window and press Enter.Signin with:IAM user name: user-3 Password: Lab-Password3



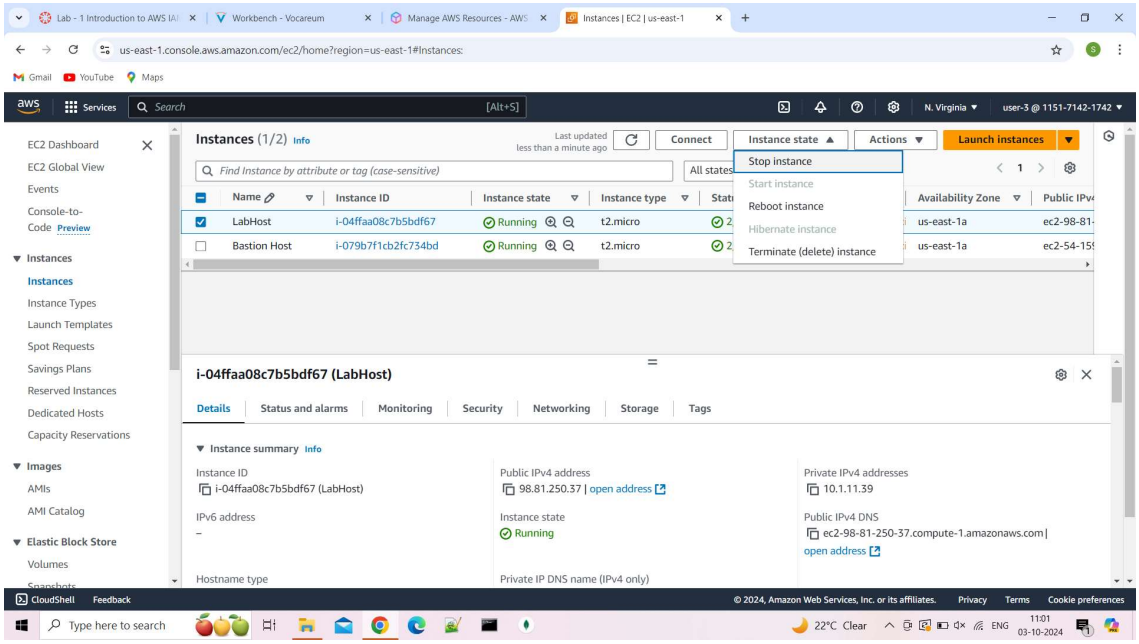
Step 35: In the search box to the right of Services, search for and choose EC2 to open the EC2 console.



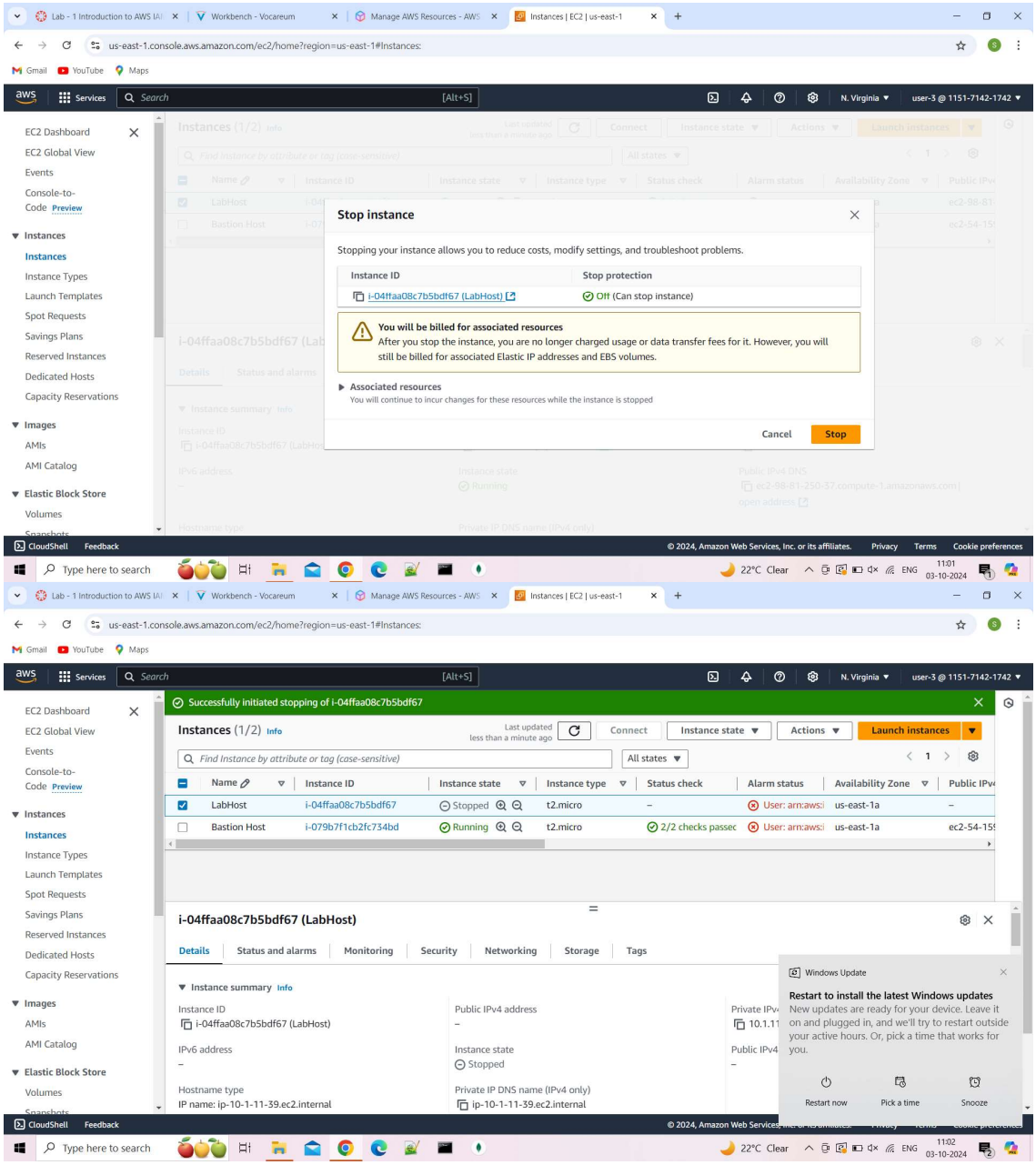


Step 36 :Select the instance named LabHost .

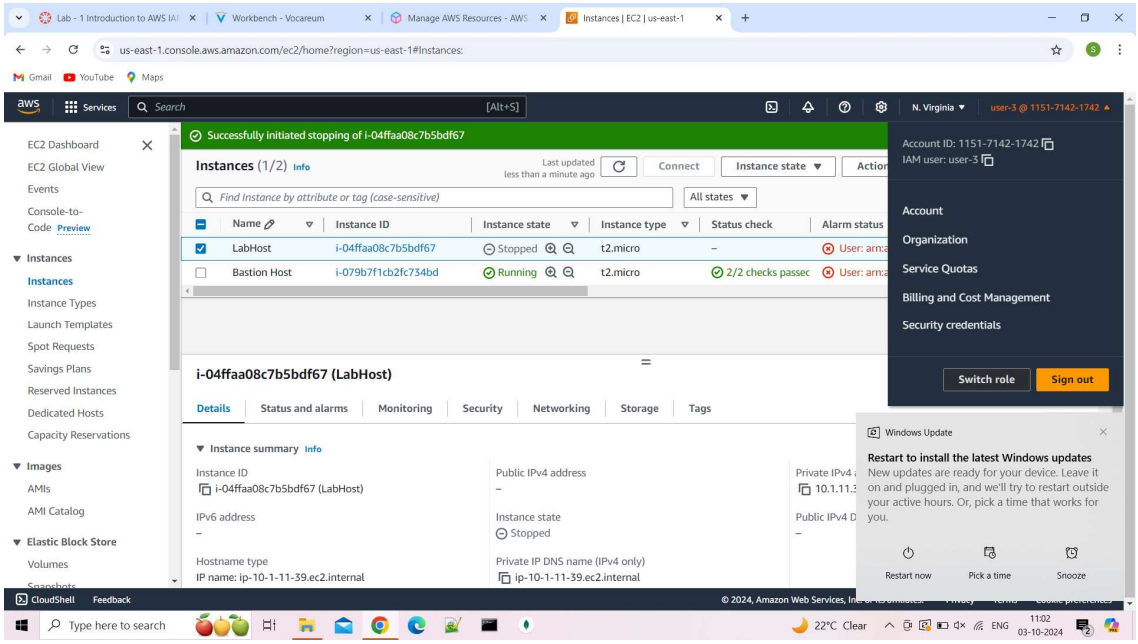
Step 37 : In the Instance state menu, choose Stop instance.



Step 38 : In the Stop instance window, choose Stop.



Step 39 : Click on Sign Out .



Step 40:Close your private window