



ruddo

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UNDER THE GUIDENCE OF

SHWETHA MAM

RUDDO INTERNSHIP

SUBMITTING BY

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3. How do you add an IAM user to a group? Detail the steps to add a user to an IAM group.

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1.CREATING AN IAM USER

Creating IAM users (console)

You can use the AWS Management Console to create IAM users.

To create an IAM user (console)

1. Follow the sign-in procedure appropriate to your user type as described in the topic [How to sign in to AWS](#) in the *AWS Sign-In User Guide*.
2. On the **Console Home** page, select the IAM service.
3. In the navigation pane, select **Users** and then select **Add users**.
4. On the **Specify user details** page, under **User details**, in **User name**, enter the name for the new user. This is their sign-in name for AWS.

Note

Note

The number and size of IAM resources in an AWS account are limited. For more information, see [IAM and AWS STS quotas](#). User names can be a combination of up to 64 letters, digits, and these characters: plus (+), equal (=), comma (,), period (.), at sign (@), underscore (_), and hyphen (-). Names must be unique within an account. They are not distinguished by case. For example, you cannot create two users named *TESTUSER*. When a user name is used in a policy or as part of an ARN, the name is case sensitive. When a user name appears to customers in the console, such as during the sign-in process, the user name is case insensitive.

5. Select **Provide user access to the – AWS Management Console *optional*** This produces AWS Management Console sign-in credentials for the new user.

You are asked whether you are providing console access to a person. We recommend that you create users in IAM Identity centre rather than IAM.

- To switch to creating the user in IAM Identity centre, select **Specify a user in Identity centre**.

If you have not enabled IAM Identity centre, selecting this option takes you to the service page in the console so that you can enable the service. For details on this procedure, see centre in the *AWS IAM Identity centre User Guide*

If you have enabled IAM Identity centre, selecting this option takes you to the **Specify user details** page in IAM Identity centre. For details on this procedure, see [Add users](#) in the *AWS IAM Identity centre User Guide*

- If you cannot use IAM Identity centre, select **I want to create an IAM user** and continue following this procedure.
- a. For **Console password**, select one of the following:
 - **Autogenerated password** – The user gets a randomly generated password that meets the [account password policy](#). You can view or download the password when you get to the **Retrieve password** page.
 - **Custom password** – The user is assigned the password that you enter in the box.
- b. (Optional) **Users must create a new password at next sign-in (recommended)** is selected by default to ensure that the user is forced to change their password the first time they sign in.

Note

If an administrator has enabled the [Allow users to change their own password account password policy setting](#), then this check box does nothing. Otherwise, it automatically attaches an AWS managed policy named **I am user change password** to the new users. The policy grants them permission to change their own passwords.

6. Select **Next**.

7. On the **Set permissions** page, specify how you want to assign permissions for this user. Select one of the following three options:

- **Add user to group** – Select this option if you want to assign the user to one or more groups that already have permissions policies. IAM displays a list of the groups in your account, along with their attached policies. You can select one or more existing groups, or select **Create group** to create a new group. For more information, see [Changing permissions for an IAM user](#).
- **Copy permissions** – Select this option to copy all of the group memberships, attached managed policies, embedded inline policies, and any existing [permissions boundaries](#) from an existing user to the

new user. IAM displays a list of the users in your account. Select the one whose permissions most closely match the needs of your new user.

- **Attach policies directly** – Select this option to see a list of the AWS managed and customer managed policies in your account. Select the policies that you want to attach to the user or select **Create policy** to open a new browser tab and create a new policy. For more information, see step 4 in the procedure [Creating IAM policies](#). After you create the policy, close that tab and return to your original tab to add the policy to the user

8.(Optional) Set a [permissions boundary](#). This is an advanced feature.

Open the **Permissions boundary** section and select **Use a permissions boundary to control the maximum permissions**. IAM displays a list of the AWS managed and customer managed policies in your account. Select the policy to use for the permissions boundary or select **Create policy** to open a new browser tab and create a new policy. For more information, see step 4 in the procedure [Creating IAM policies](#). After you create the policy, close that tab and return to your original tab to select the policy to use for the permissions boundary.

9.Select **Next**.

10.(Optional) On the **Review and create** page, under **Tags**, select **Add new tag** to add metadata to the user by attaching tags as key-value pairs. For more information about using tags in IAM, see [Tagging IAM resources](#).

11.Review all of the choices you made up to this point. When you are ready to proceed, select **Create user**.

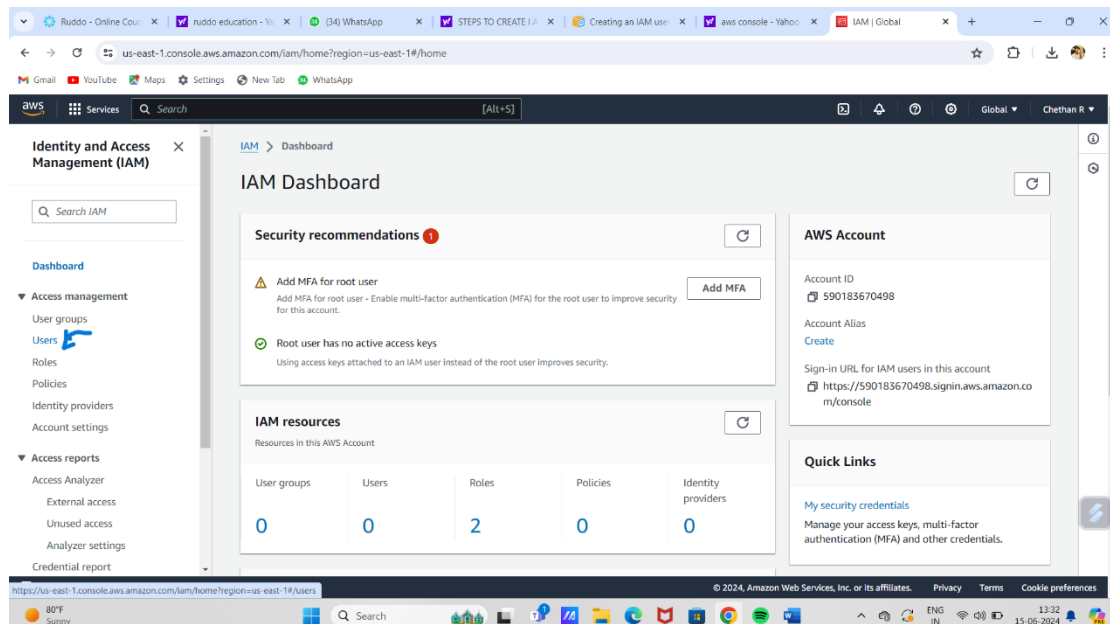
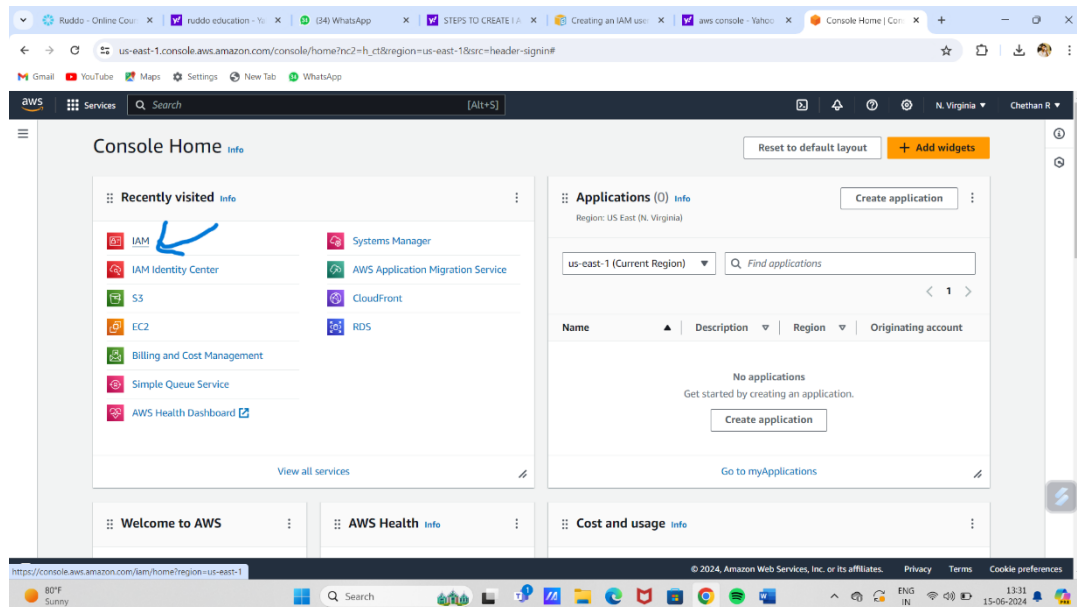
12.On the **Retrieve password** page, get the password assigned to the user:

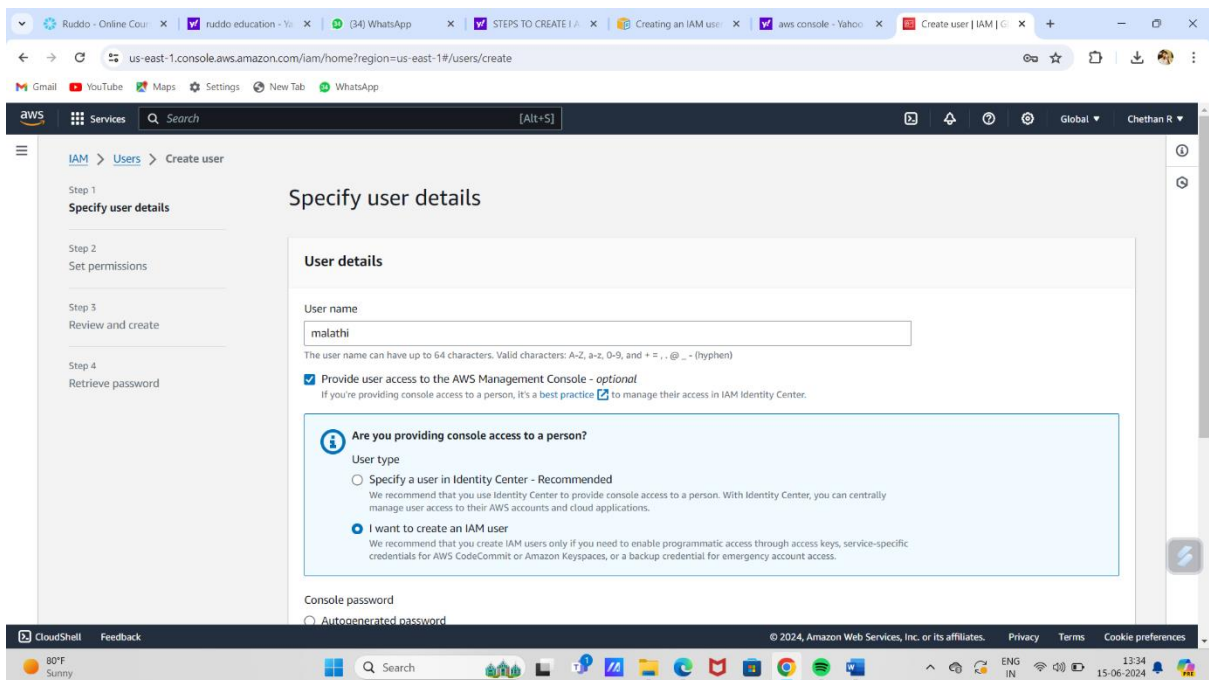
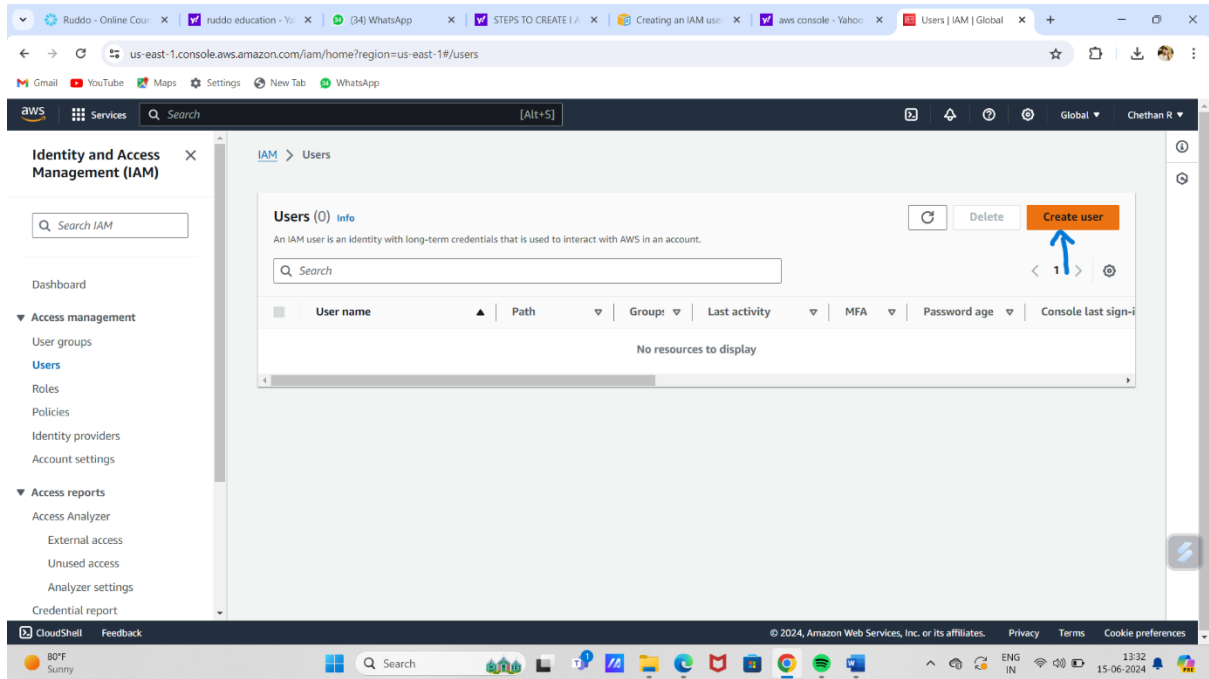
- Select **Show** next to the password to view the user's password so that you can record it manually.
- Select **Download .csv** to download the user's sign in credentials as a .csv file that you can save to a safe location.

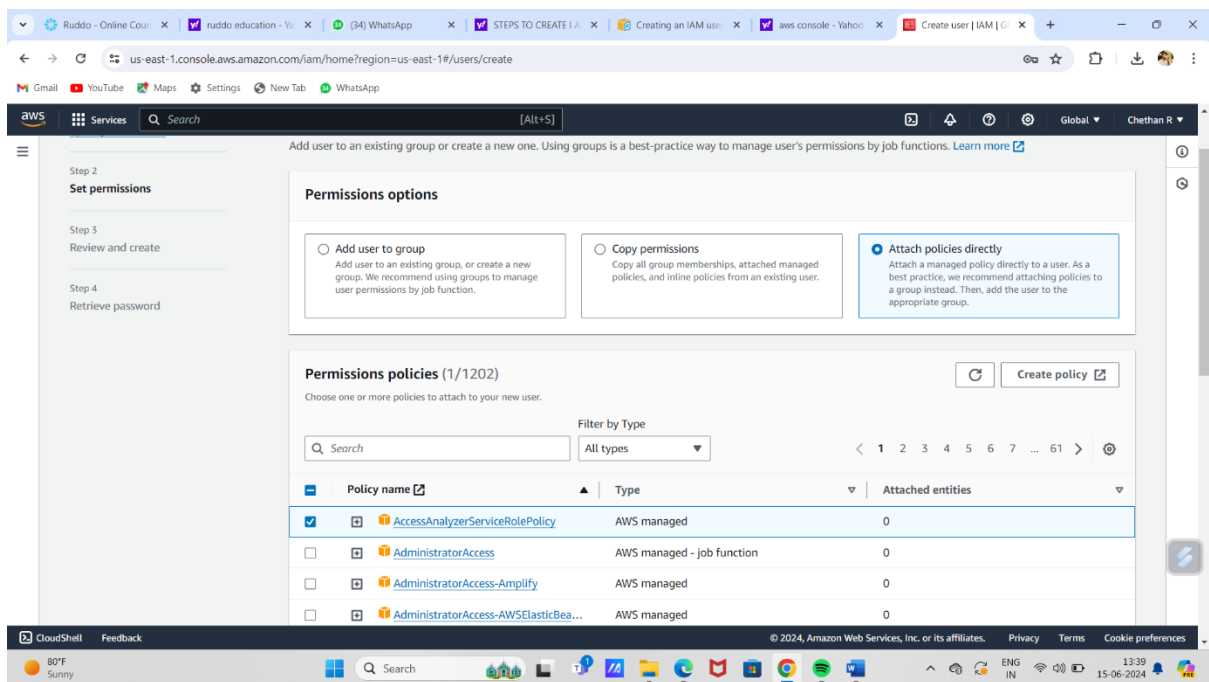
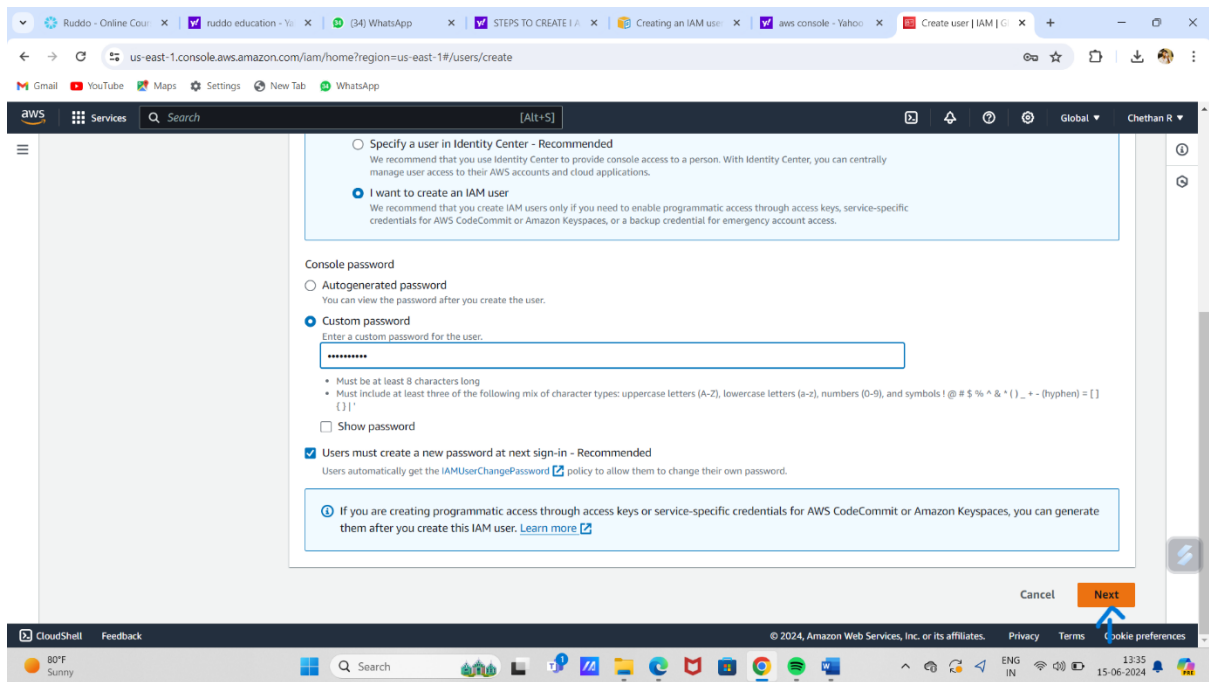
13.Select **Email sign-in instructions**. Your local mail client opens with a draft that you can customize and send to the user. The email template includes the following details to each user:

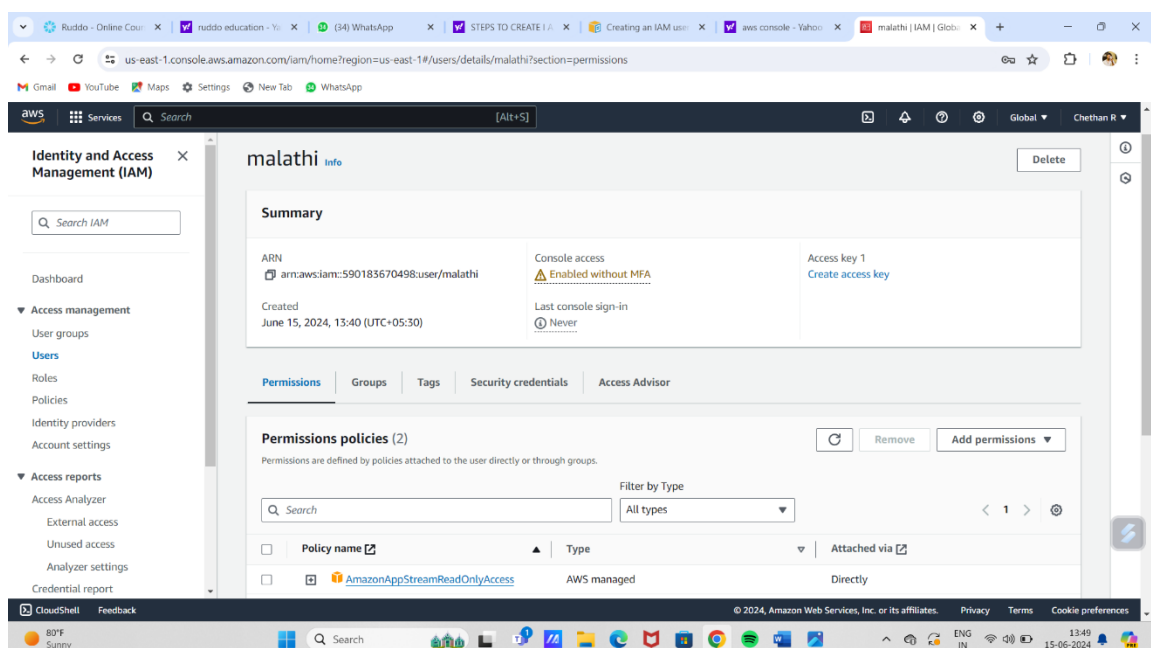
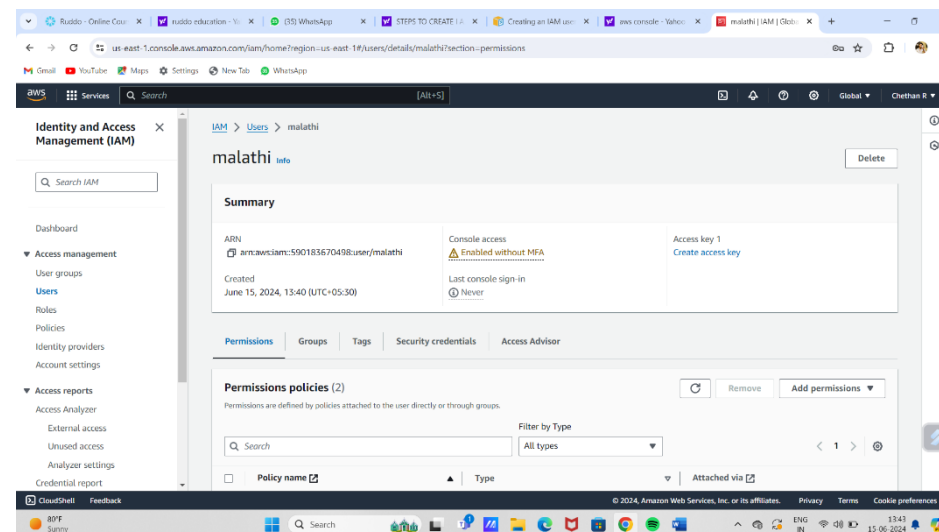
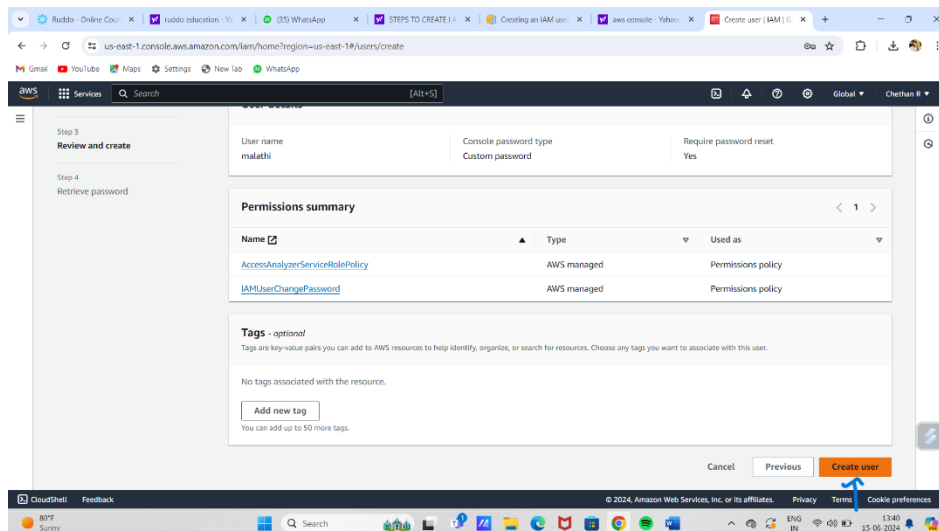
- User name
- URL to the account sign-in page. Use the following example, substituting the correct account ID number or account alias:

14.If the user also requires access keys for programmatic access, refer to [Managing access keys for IAM users](#).





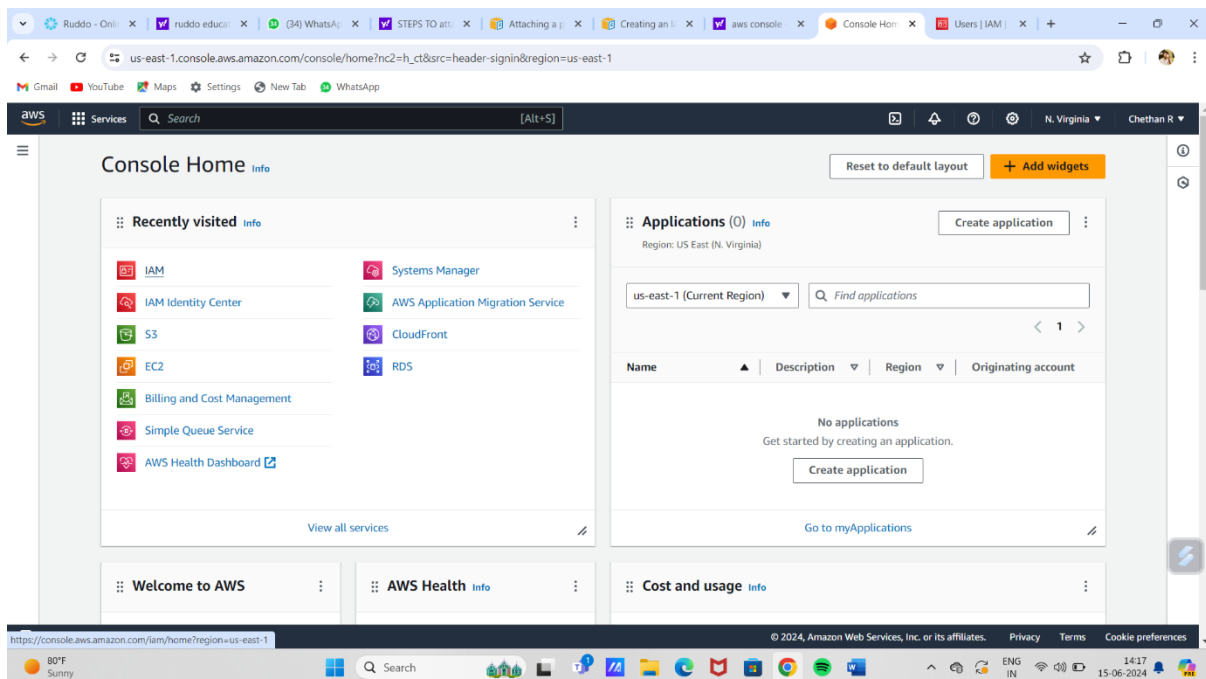


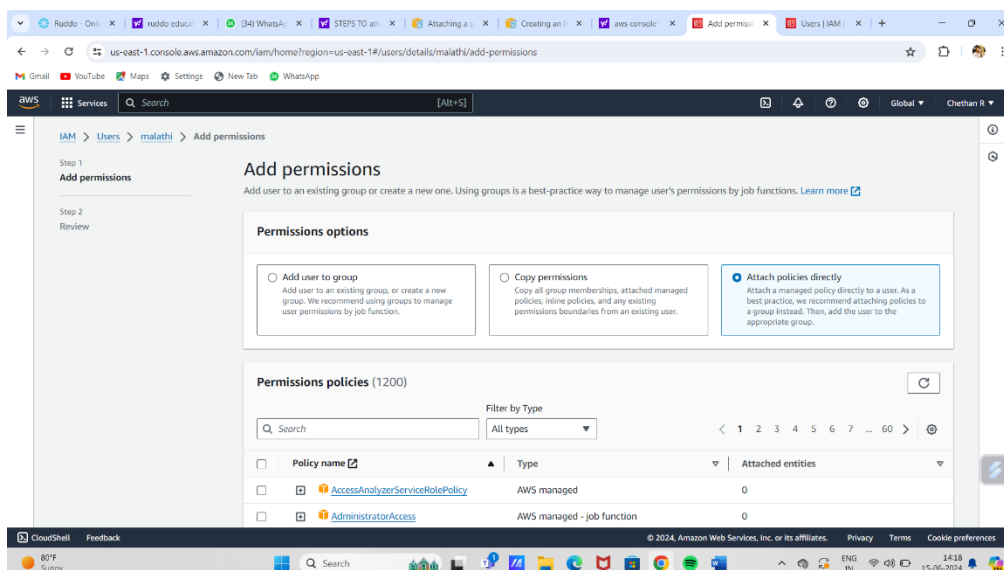
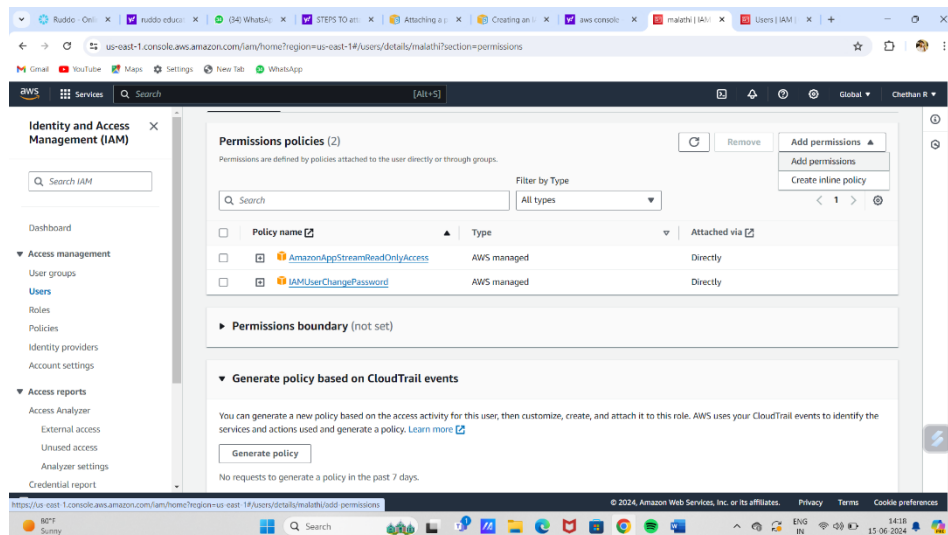
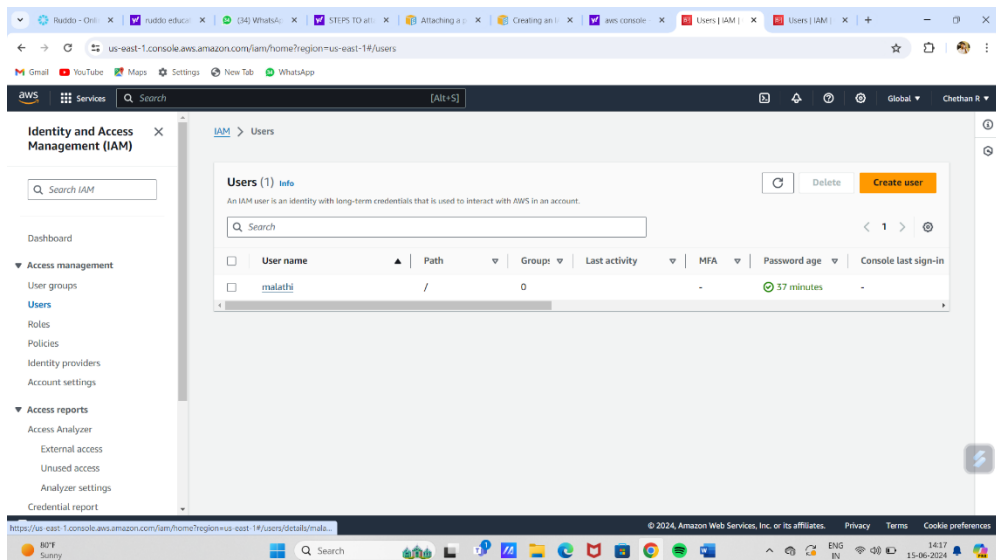


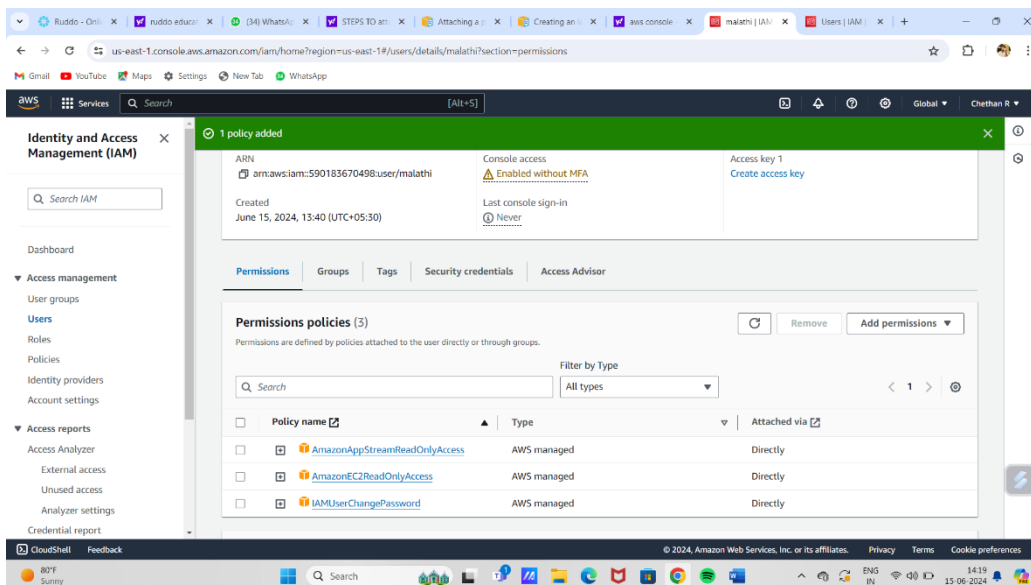
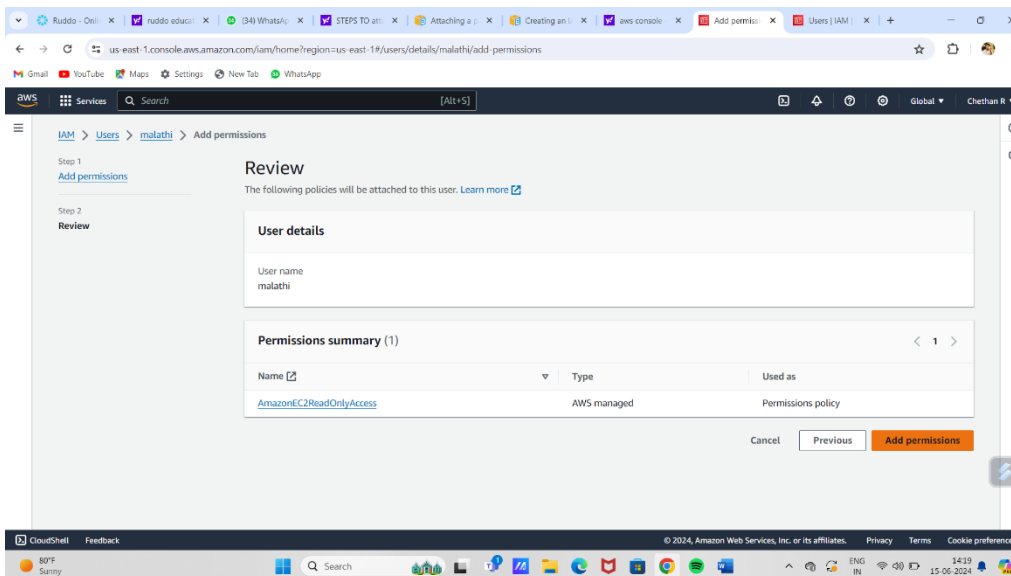
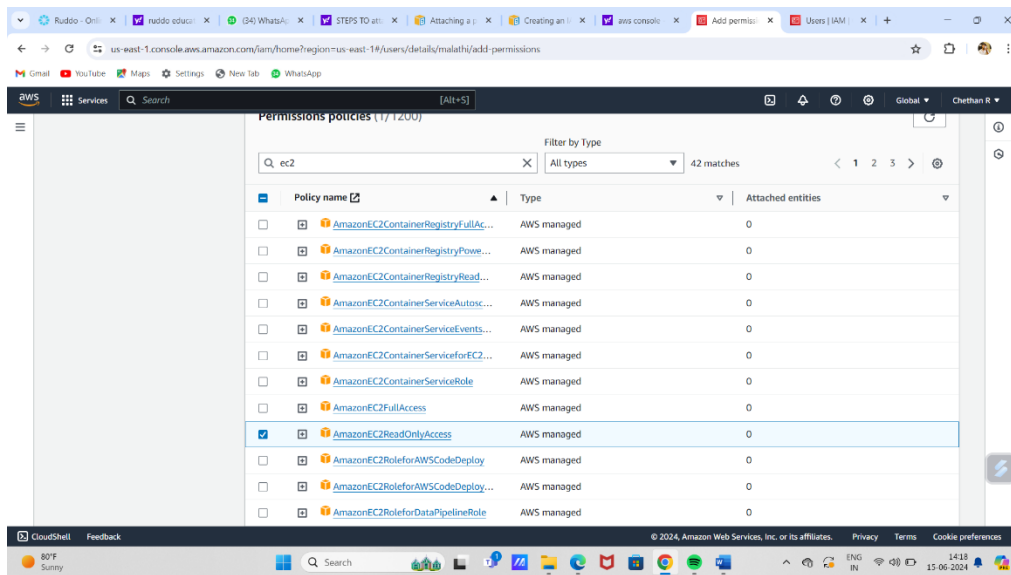
2. ATTACHING EXISTING POLICY TO IAM USER

To attach a policy to a user (console)

1. Sign in to the AWS Management Console and open the IAM console at <https://console.aws.amazon.com/iam/>.
2. In the navigation pane, choose **User** and then choose the name.
3. Choose the **Permissions** tab.
4. Choose **Add permissions** and then choose **Attach policies**.
5. The current policies attached to the user are displayed in the **Current permissions policies** list. In the list of **Other permissions policies**, select the check box next to the names of the policies to attach. You can use the search box to filter the list of policies by type and policy name.
6. Select the policy you want to attach to your IAM user and choose **Attach policies**.



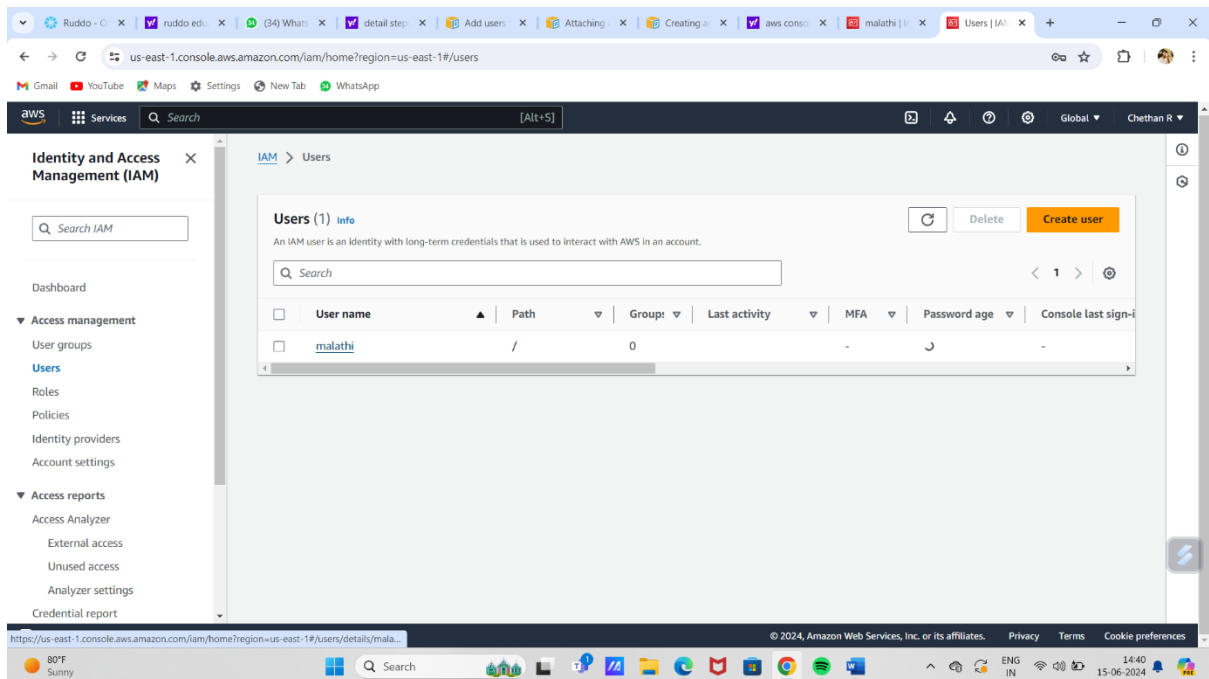


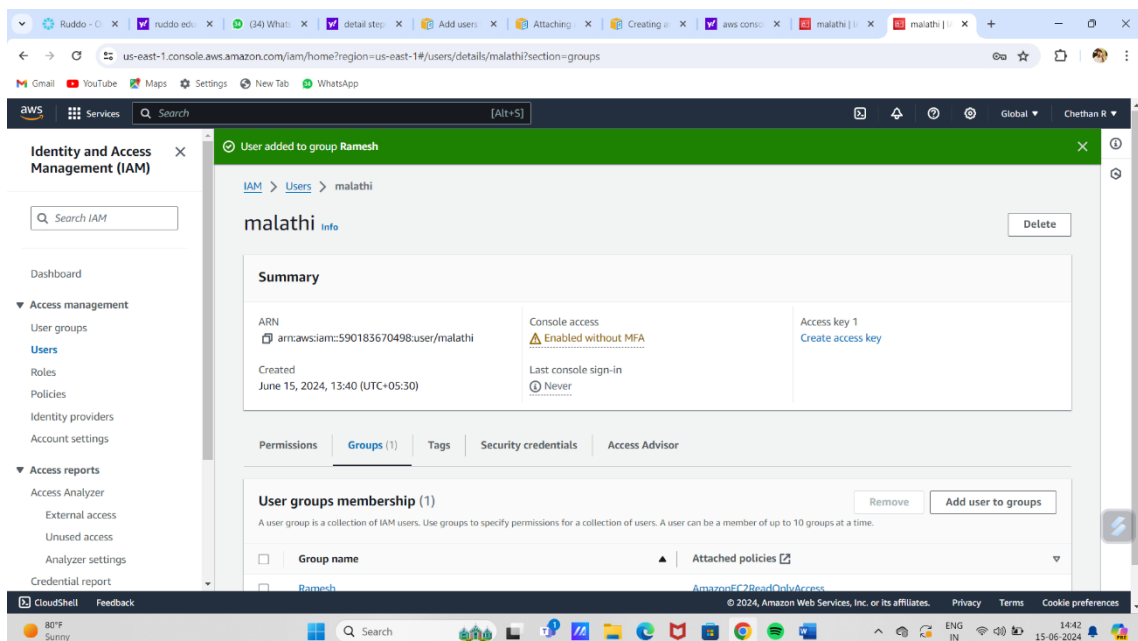
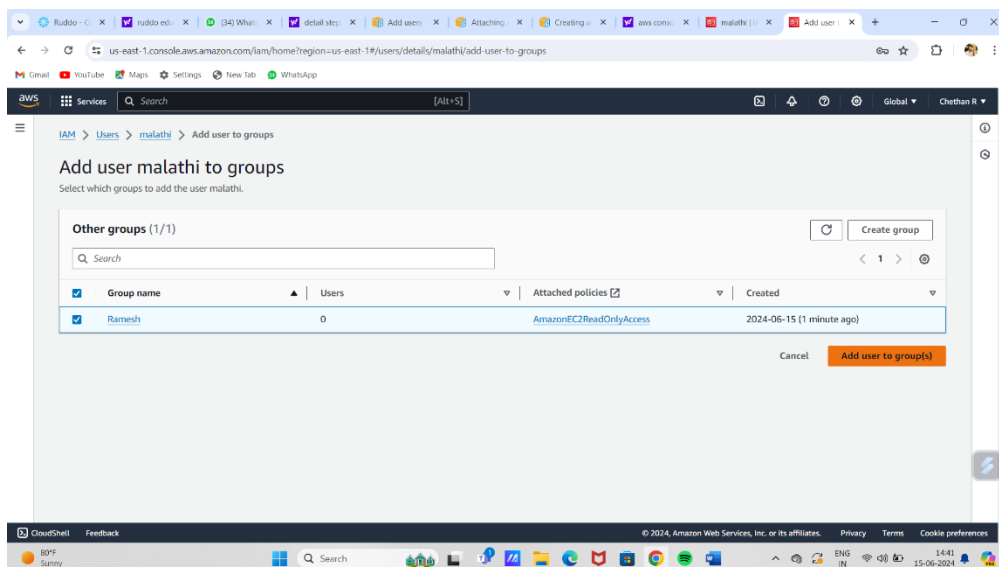
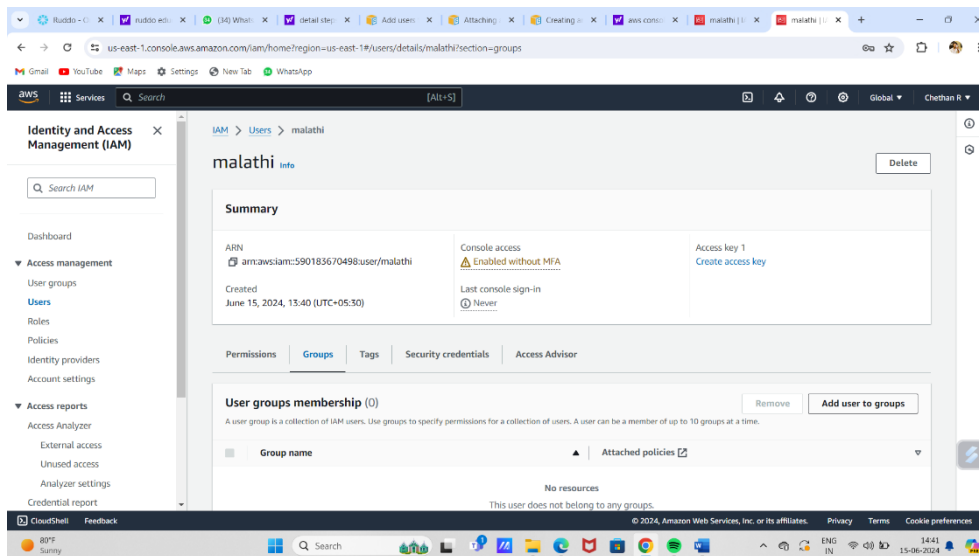


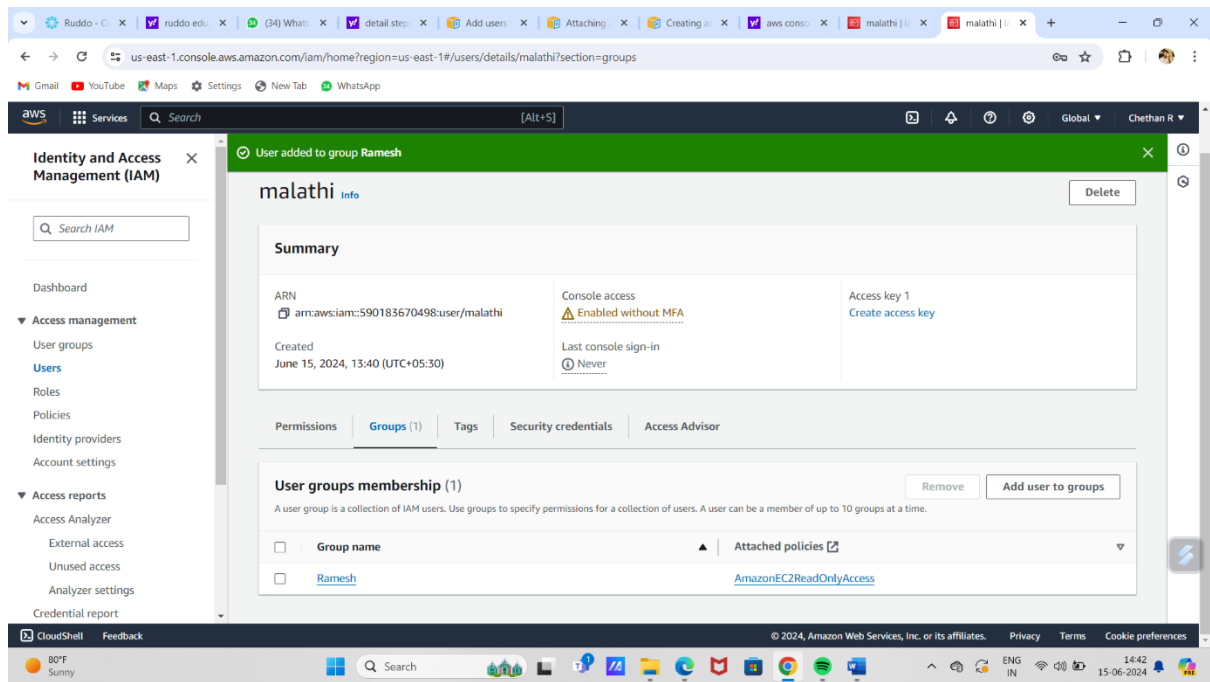
3.ADDING AN USER TO AN GROUP

To add a user as a member of a group

1. Open the [IAM Identity centre console](#).
2. Choose **user and select user name**.
3. Select group.
4. On the group details page, under **Users in this group**, choose **Add users to group**.
5. Select the group name which is already exist or you want to create a new group.
6. **Add users** to a group







THANK YOU

