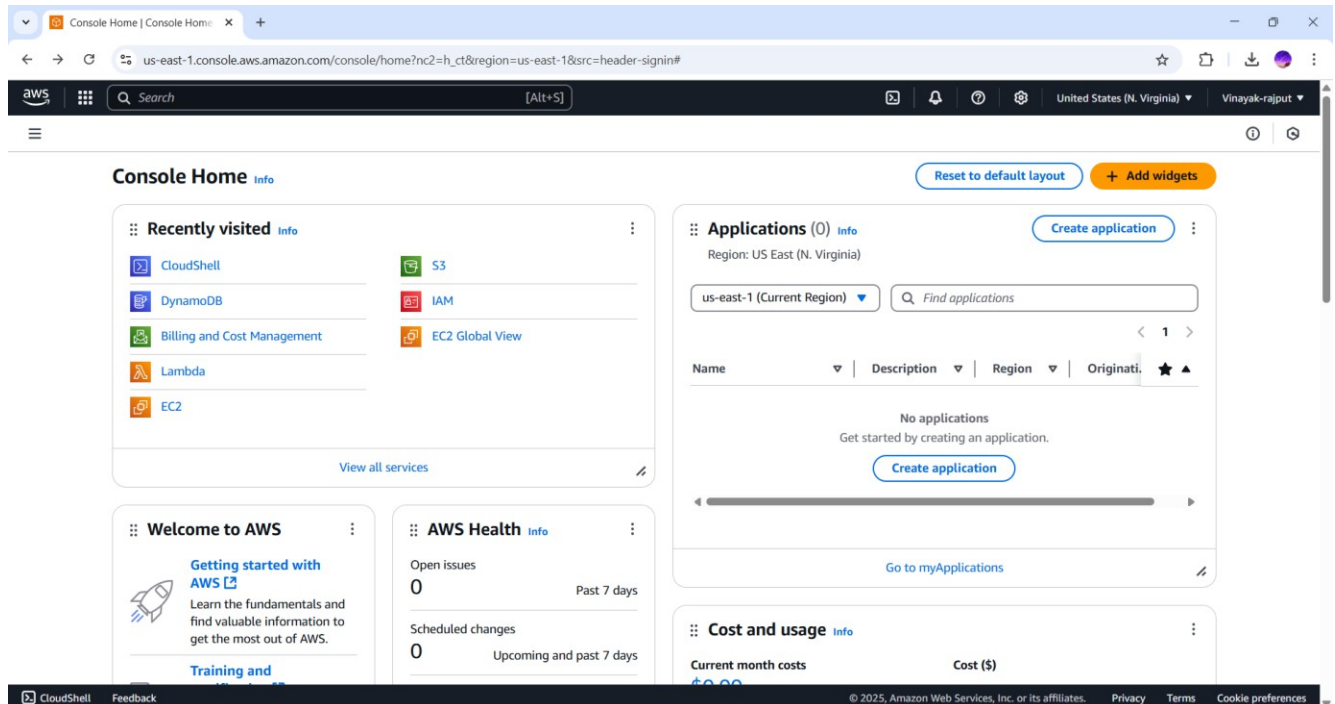


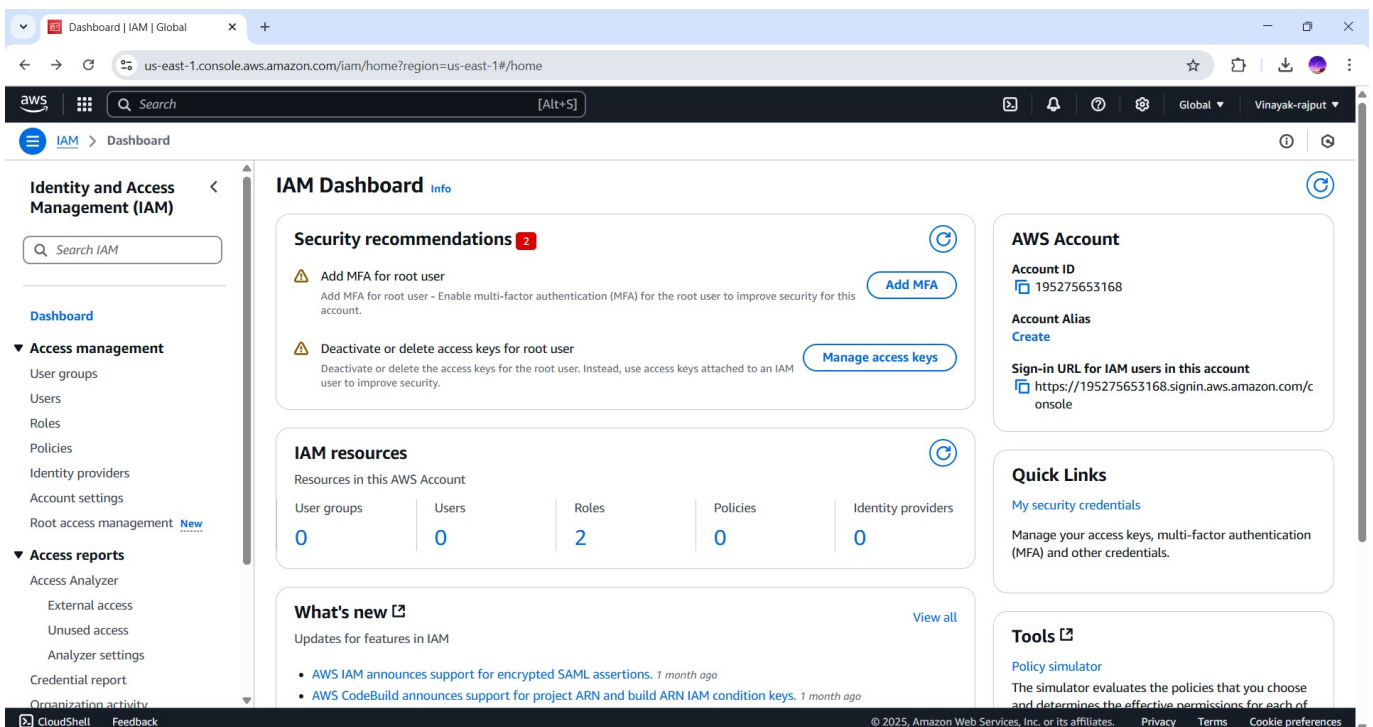
EXPERIMENT 10: Creating an IAM User in AWS

Steps for creating an IAM User

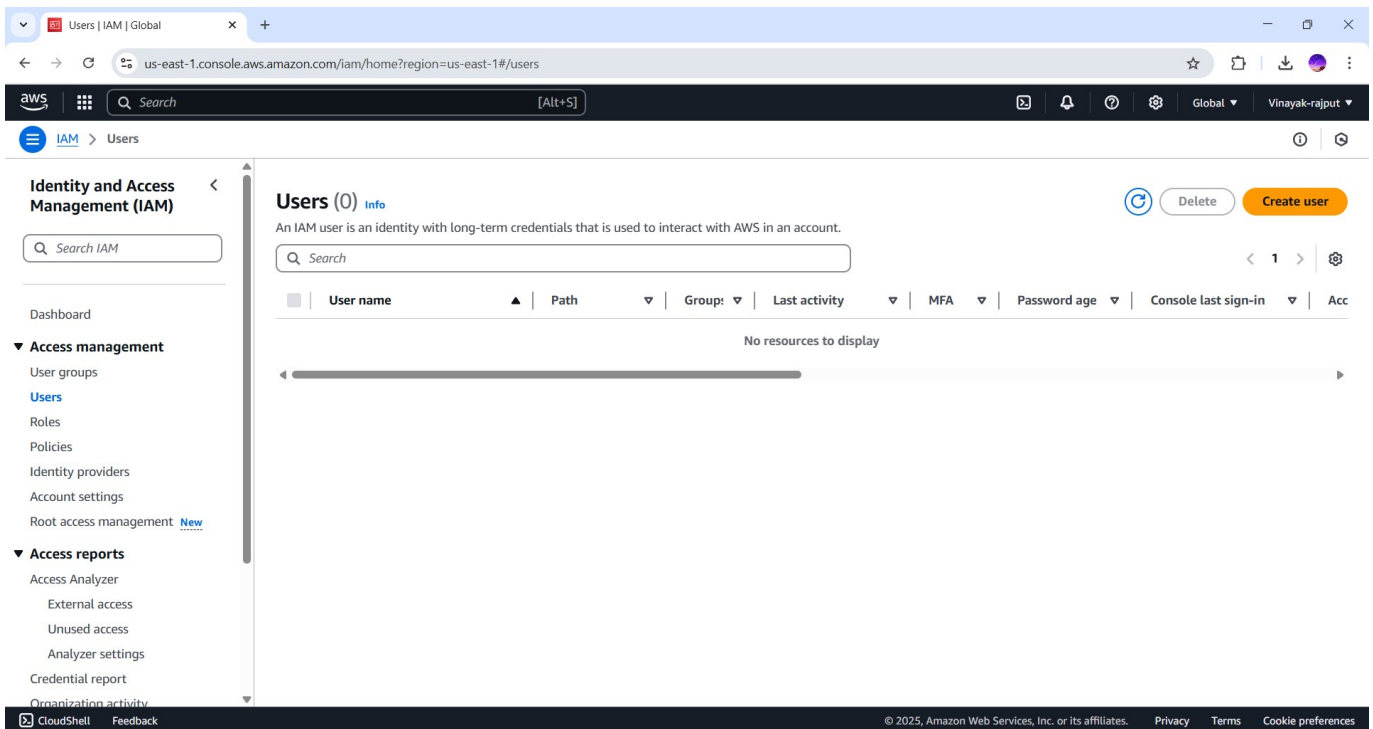
Step 1: Login to AWS Account



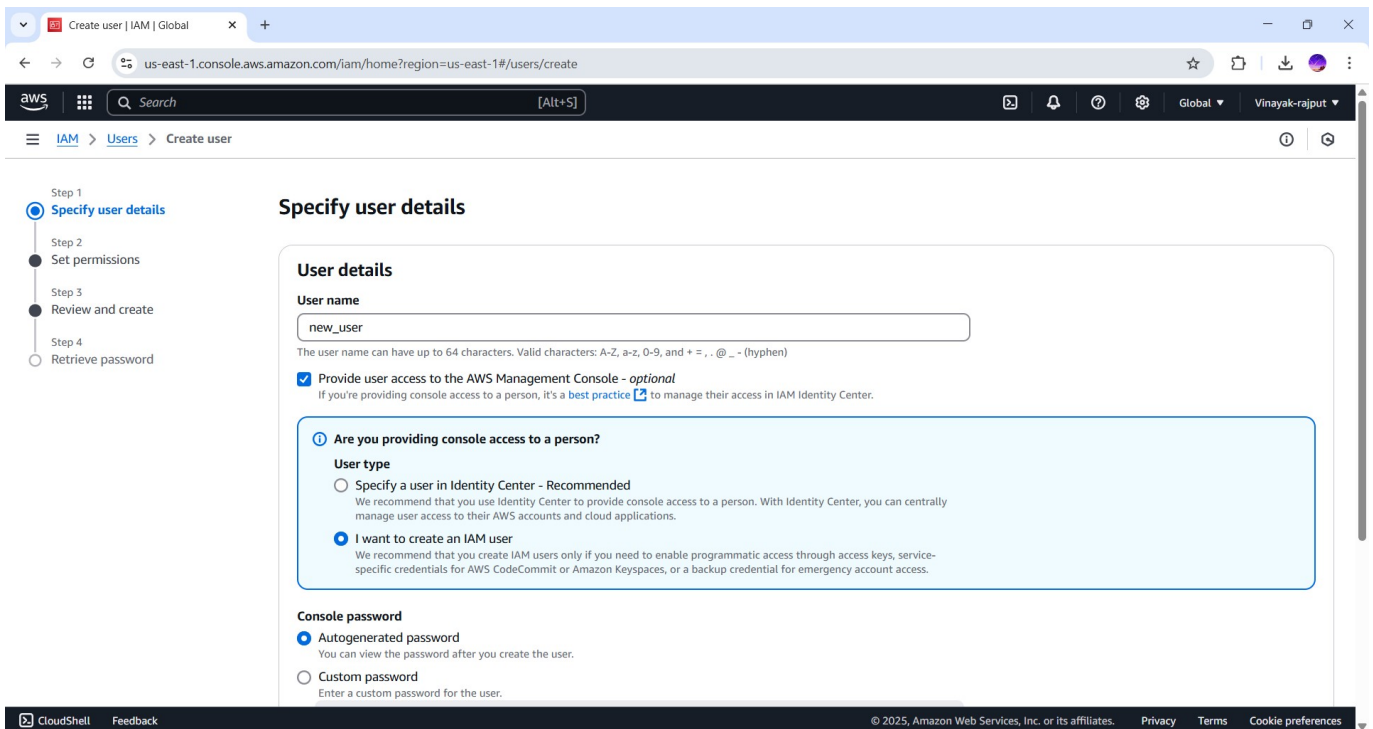
Step 2: Open Amazon IAM User dashboard



Step 3: Go to Users and click on Create user



Step 4: Specify User details like User name, select User type as IAM user and scroll down



Step 5: Select Custom password and them click on Next

The screenshot shows the AWS IAM 'Create user' console. The breadcrumb navigation is 'IAM > Users > Create user'. The main content area is titled 'Are you providing console access to a person?'. Under 'User type', the 'I want to create an IAM user' option is selected. Under 'Console password', the 'Custom password' option is selected, and a password field is visible. The 'Show password' checkbox is unchecked. A note indicates that users must create a new password at next sign-in. At the bottom right, there are 'Cancel' and 'Next' buttons.

Step 6: Leave Permissions as default then click on Next

The screenshot shows the AWS IAM 'Create user' console at Step 6: Set permissions. The breadcrumb navigation is 'IAM > Users > Create user'. A progress bar on the left shows four steps: 'Specify user details', 'Set permissions' (current), 'Review and create', and 'Retrieve password'. The main content area is titled 'Set permissions' and includes a sub-header 'Permissions options'. Three options are available: 'Add user to group' (selected), 'Copy permissions', and 'Attach policies directly'. A 'Create group' button is next to the 'Add user to group' option. Below this, a note states 'Get started with groups' and recommends using groups to manage user permissions. At the bottom right, there are 'Cancel', 'Previous', and 'Next' buttons.

Step 7: Review the User details then click on Create User

The screenshot shows the AWS IAM console 'Create user' wizard at the 'Review and create' step. On the left, a progress bar indicates four steps: Step 1 (Specify user details), Step 2 (Set permissions), Step 3 (Review and create), and Step 4 (Retrieve password). The main content area is titled 'Review and create' and includes a sub-header 'Review your choices. After you create the user, you can view and download the autogenerated password, if enabled.'

The 'User details' section shows the 'User name' as 'new_user', 'Console password type' as 'Custom password', and 'Require password reset' as 'Yes'.

The 'Permissions summary' section displays a table with one entry:

Name	Type	Used as
IAMUserChangePassword	AWS managed	Permissions policy

The 'Tags - optional' section states: 'Tags are key-value pairs you can add to AWS resources to help identify, organize, or search for resources. Choose any tags you want to associate with this user. No tags associated with the resource.' There is an 'Add new tag' button and a note: 'You can add up to 50 more tags.'

At the bottom right, there are three buttons: 'Cancel', 'Previous', and 'Create user'.

The footer of the console shows 'CloudShell', 'Feedback', and copyright information for Amazon Web Services, Inc. or its affiliates, along with links for 'Privacy', 'Terms', and 'Cookie preferences'.

Step 8: User created successfully notification is displayed, click on Return to users list

The screenshot shows the AWS IAM console after the user has been created. A green notification banner at the top states: 'User created successfully. You can view and download the user's password and email instructions for signing in to the AWS Management Console.' There is a 'View user' button and a close icon on the right of the banner.

Below the notification, the progress bar shows four steps: Step 1 (Specify user details), Step 2 (Set permissions), Step 3 (Review and create), and Step 4 (Retrieve password). The main content area is titled 'Retrieve password' and includes a sub-header: 'You can view and download the user's password below or email users instructions for signing in to the AWS Management Console. This is the only time you can view and download this password.'

The 'Console sign-in details' section shows the 'Console sign-in URL' as 'https://195275653168.signin.aws.amazon.com/console'. The 'User name' is 'new_user'. The 'Console password' is masked with asterisks and has a 'Show' button next to it. There is an 'Email sign-in instructions' button in the top right of this section.

At the bottom right, there are three buttons: 'Cancel', 'Download .csv file', and 'Return to users list'.

The footer of the console shows 'CloudShell', 'Feedback', and copyright information for Amazon Web Services, Inc. or its affiliates, along with links for 'Privacy', 'Terms', and 'Cookie preferences'.

Step 9: View the new IAM User details in Users list

The screenshot shows the AWS IAM console interface. At the top, a green banner indicates 'User created successfully'. The left sidebar shows the 'Identity and Access Management (IAM)' menu with options like 'Dashboard', 'Access management', and 'Access reports'. The main content area displays the 'Users (1)' list. A table lists the user 'new_user' with columns for User name, Path, Group, Last activity, MFA, Password age, and Console last sign-in. The user 'new_user' is listed with a path of '/' and a group of '0'. A 'View user' button is visible in the top right corner of the main content area.

User name	Path	Group	Last activity	MFA	Password age	Console last sign-in
new_user	/	0	-	-	-	-

Step 10: Sign Out from AWS account

The screenshot shows the AWS IAM console interface, similar to the previous one, but with an additional 'Sign out' button in the top right corner. The 'Sign out' button is located in the top right corner of the main content area, next to the 'Turn on multi-session support' button. The 'Users (1)' list is still visible, showing the user 'new_user'.

User name	Path	Group	Last activity	MFA	Password age	Console last sign-in
new_user	/	0	-	-	-	-

Step 11: Go to IAM user sign in Window and enter IAM User Sign in credentials and click on Sign in

Amazon Web Services Sign-In

eu-north-1.signin.aws.amazon.com/oauth?client_id=arn%3Aaws%3Asignin%3A%3A%3Aconsole%2Fcanvas&code_challenge=GjFAVw6LycCUQeLao9aQS_XdmGQfre2_IspmAnmxZaA...

aws

IAM user sign in

Account ID or alias (Don't have?)
195275653168

☐ Remember this account

IAM username
new_user

Password

☐ Show Password [Having trouble?](#)

Sign in

Sign in using root user email

[Create a new AWS account](#)

By continuing, you agree to [AWS Customer Agreement](#) or other agreement for AWS services, and the [Privacy Notice](#).

Amazon Lightsail

Lightsail is the easiest way to get started on AWS

[Learn more »](#)

Step 12: Reset the Password and click on Confirm Password Change

Amazon Web Services Sign-In

eu-north-1.signin.aws.amazon.com/clm?action=changepassword&userType=iam&redirect_uri=https%3A%2F%2Fconsole.aws.amazon.com%2Fconsole%2Fhome%3FhashArgs%3D%...

aws

Password reset

Your account (195275653168) password has expired or requires a reset.

To continue, please verify your old and set a new password for new_user (not you?).

Old Password

☐ Show Password

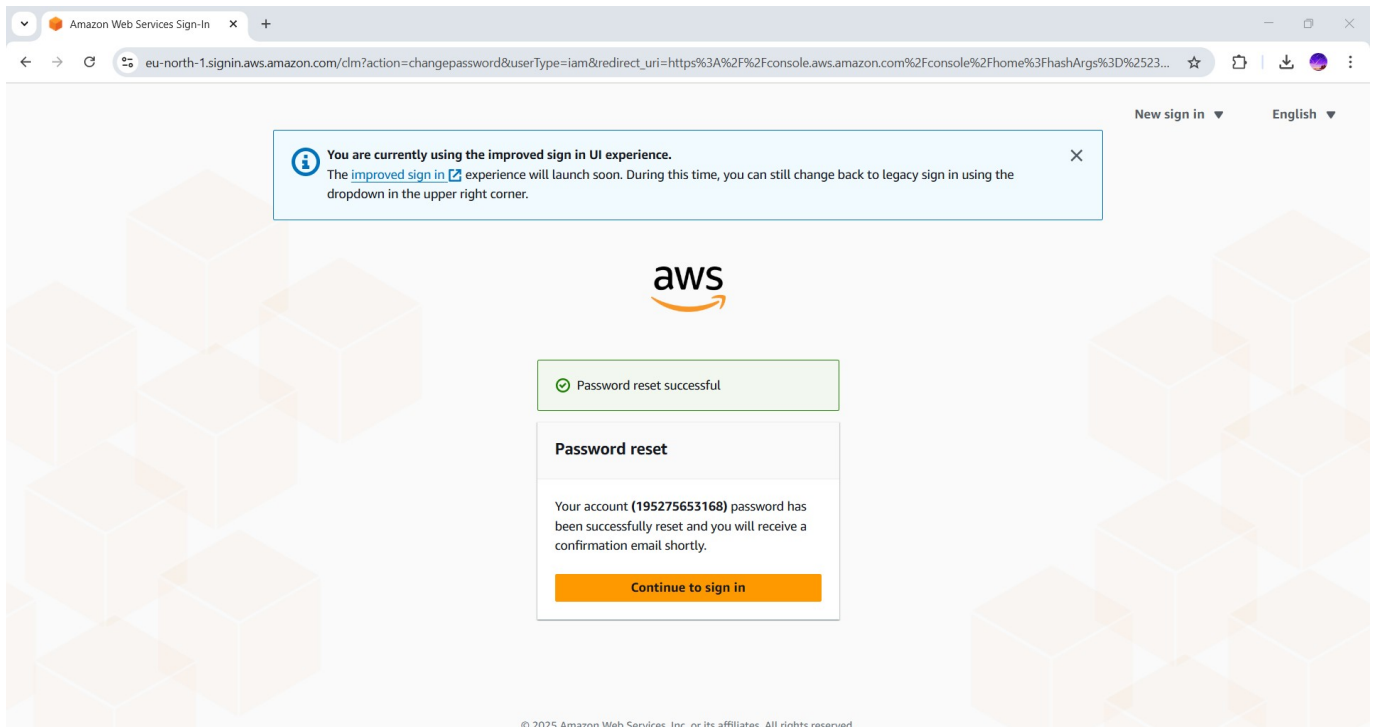
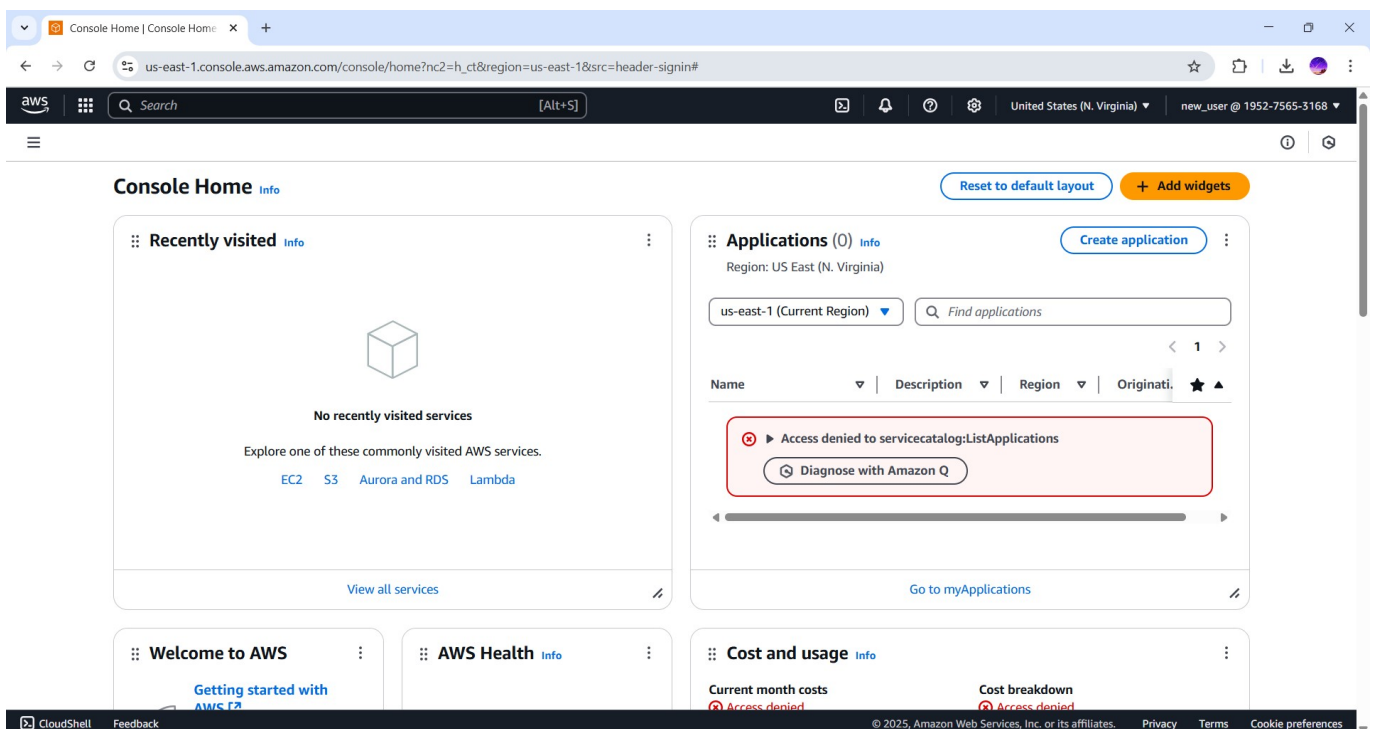
New Password

Confirm New Password

☐ Show Password **Matches**

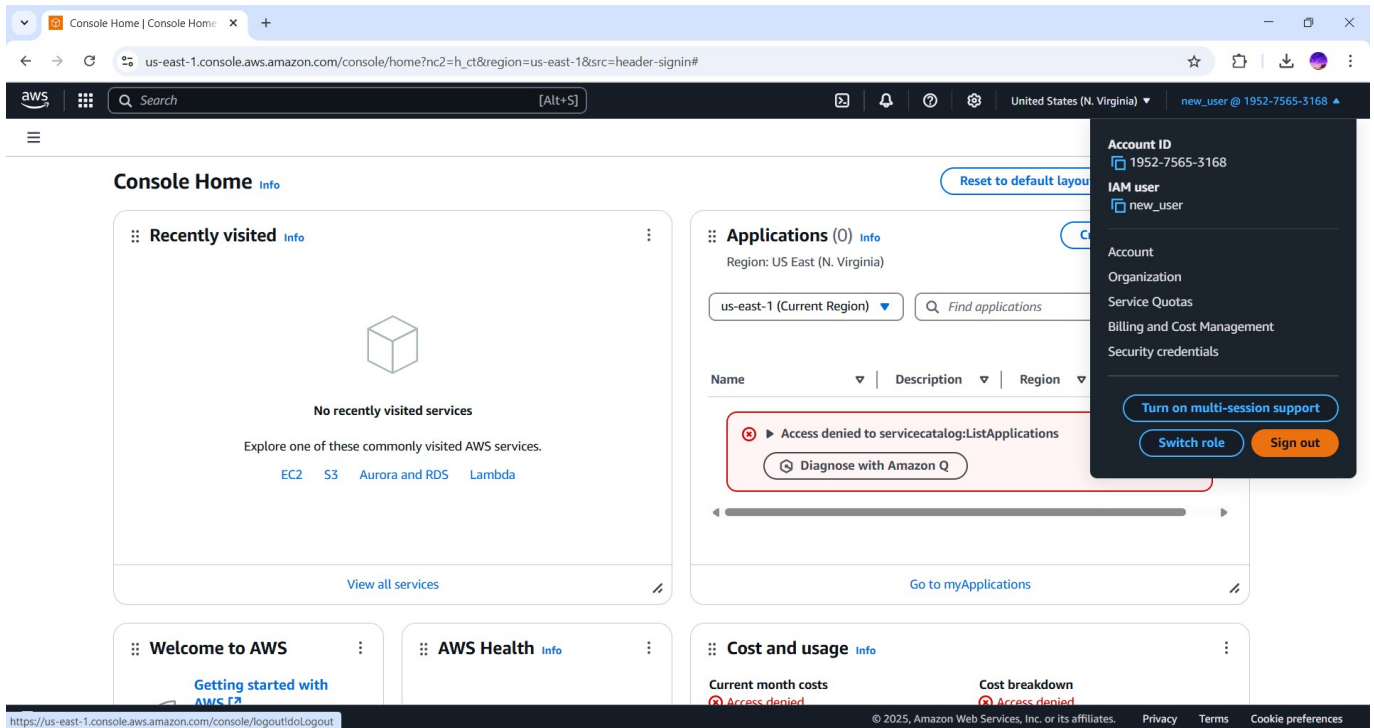
Confirm Password Change

[Sign in to a different account](#)

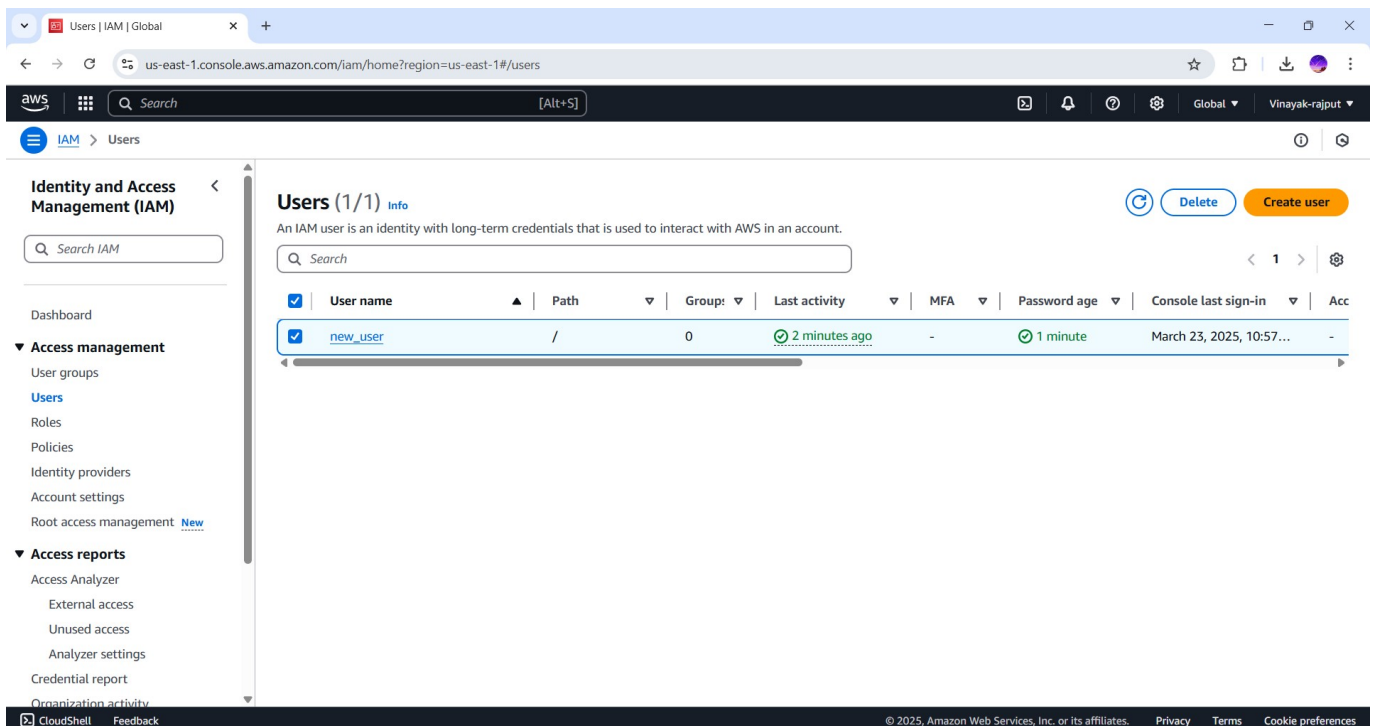
Step 13: Password reset successful window appears click on Continue to sign in**Step 14:** IAM User Console Window Appears, explore the features available

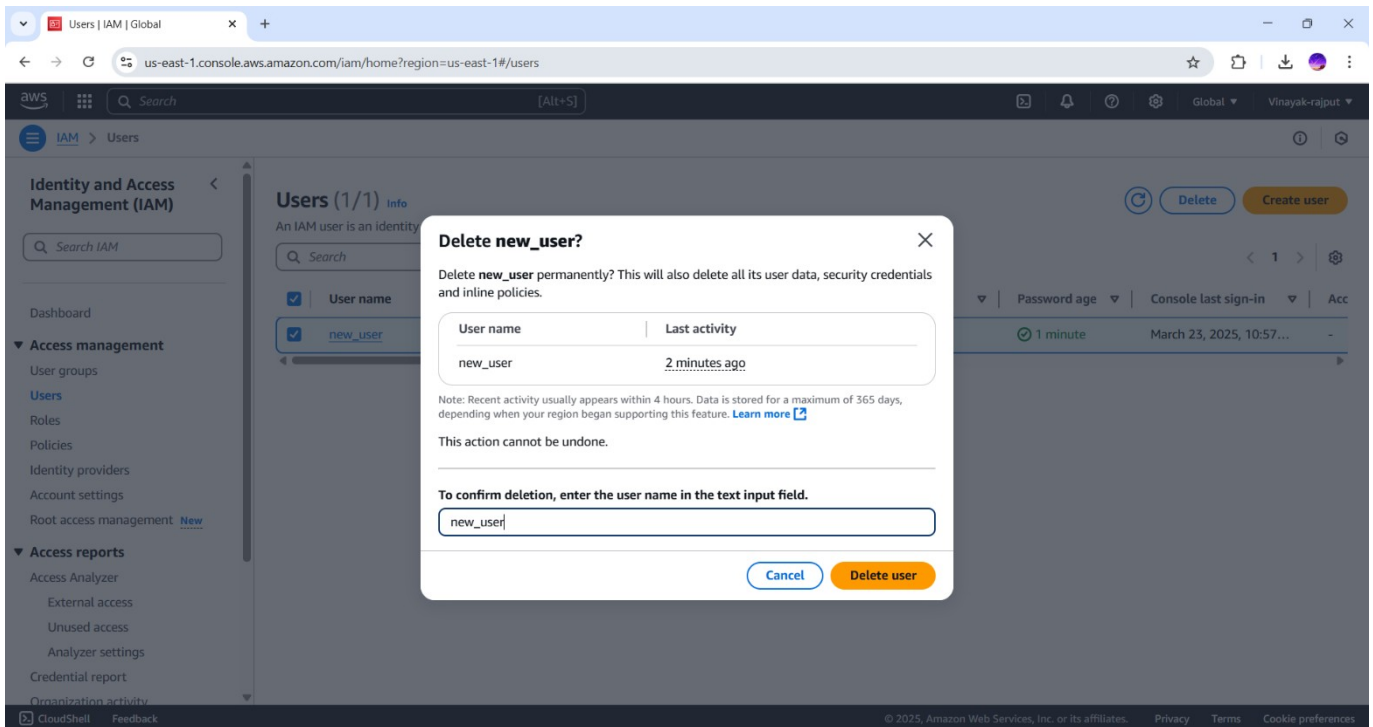
Steps to delete the IAM User created

Step 1: Sign out from IAM User Console and Log in using Root User ID



Step 2: Go to IAM Dashboard > Users then select the User and click on Delete



Step 3: Type the user name and Click on Delete user**Step 4: User deleted notification is displayed confirming successful deletion**

We can log out from AWS Console

