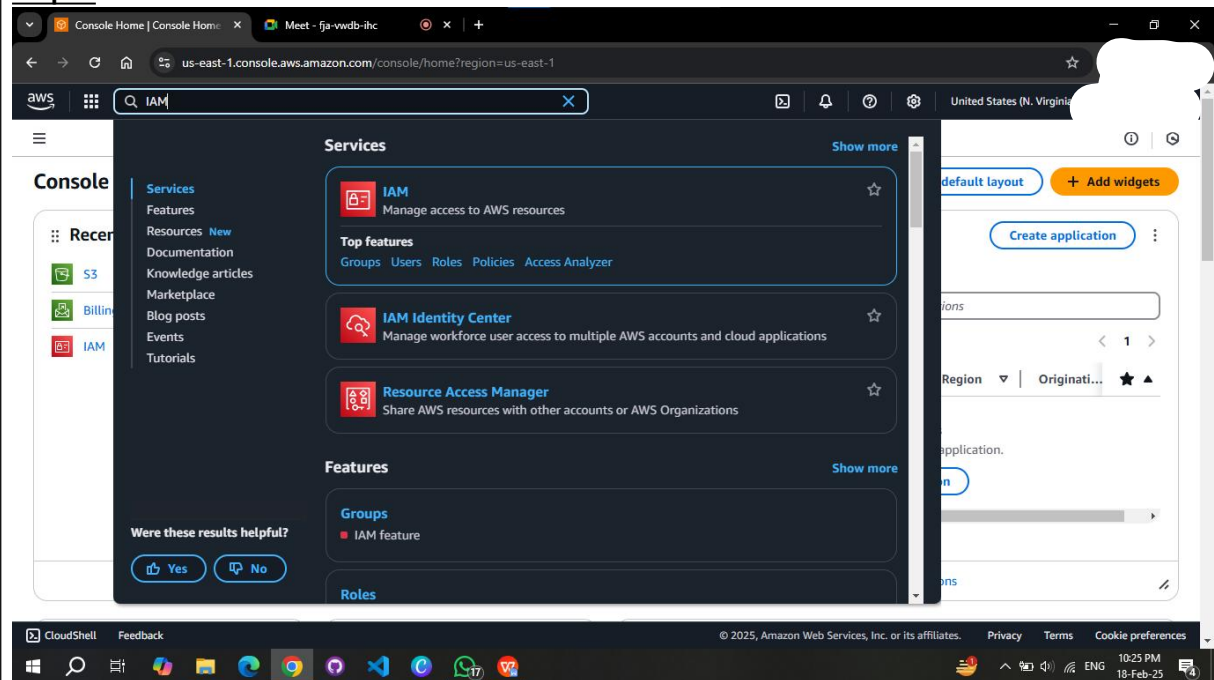


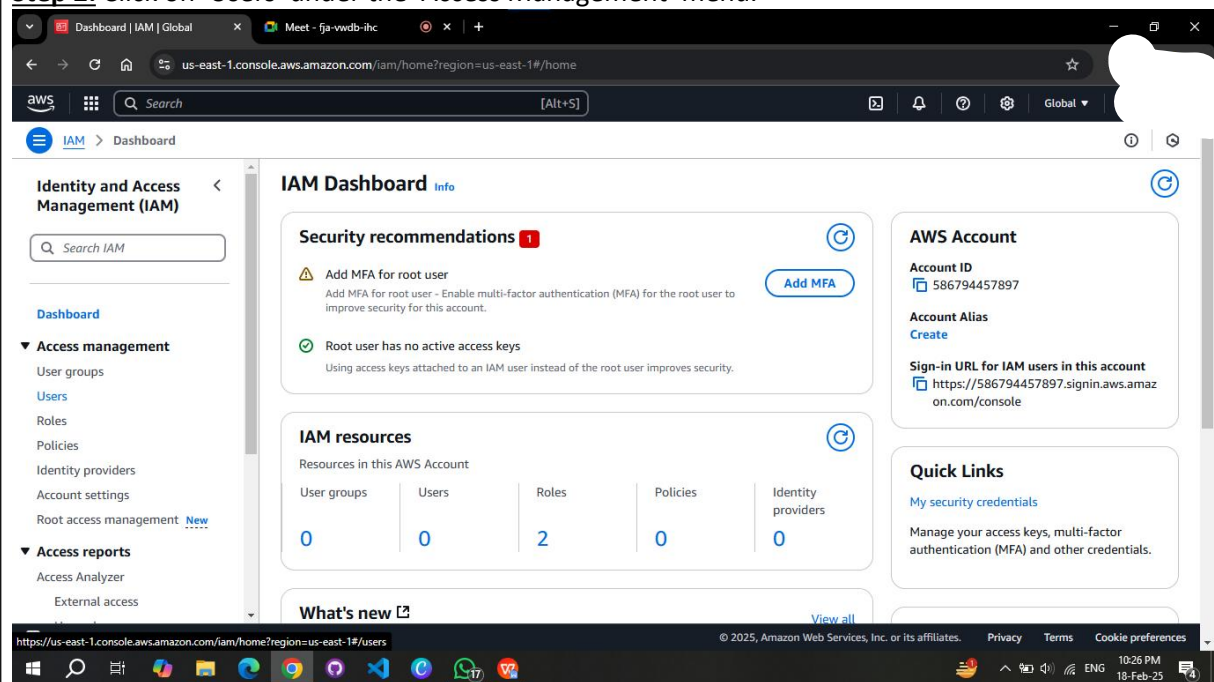
Assignment : 3

Create IAM user and give full access to S3.

Step 1: Search IAM in the search bar and click on 'IAM'.



Step 2: Click on 'Users' under the 'Access Management' menu.



Step 3: Click on 'Create User' Option.

The screenshot shows the AWS IAM console 'Users' page. The left sidebar contains the 'Identity and Access Management (IAM)' menu with options like Dashboard, Access management, and Access reports. The main content area shows 'Users (0)' with a 'Create user' button. A table header is visible with columns: User name, Path, Group, Last activity, MFA, Password age, and Console. The table is currently empty, displaying 'No resources to display'.

Step 4: Enter a user-name for the IAM user and select the 'I want to create an IAM user'.

The screenshot shows the 'Create user' wizard in the AWS IAM console. The left sidebar shows the progress: 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 'Specify user details' and contains a 'User details' section. The 'User name' field is filled with 'myuser1'. Below it, there is a checkbox 'Provide user access to the AWS Management Console - optional' which is checked. A blue box highlights the 'User type' section with two options: 'Specify a user in Identity Center - Recommended' and 'I want to create an IAM user', which is selected.

Step 5: Enter a strong password and click on Next.

The screenshot shows the 'Create user' page in the AWS IAM console. The 'Console password' section is active, with the 'Custom password' option selected. A password field contains eight asterisks. Below the field, there are two bullet points: 'Must be at least 8 characters long' and 'Must include at least three of the following mix of character types: uppercase letters (A-Z), lowercase letters (a-z), numbers (0-9), and symbols ! @ # \$ % ^ & * () _ + - (hyphen) = [] { } ' '. There is also a 'Show password' checkbox which is unchecked. A checkbox labeled 'Users must create a new password at next sign-in - Recommended' is checked. A blue information box at the bottom states: 'If you are creating programmatic access through access keys or service-specific credentials for AWS CodeCommit or Amazon Keyspaces, you can generate them after you create this IAM user. [Learn more](#)'. At the bottom right, there are 'Cancel' and 'Next' buttons.

Step 6: Click on 'Attach policies directly' under Permissions options then Search "S3" in the search bar in 'Permission policies' and select it, afterwards click on Next.

The screenshot shows the 'Set permissions' page in the AWS IAM console. The 'Attach policies directly' option is selected under 'Permissions options'. Below this, the 'Permissions policies (1328)' section is visible. It includes a search bar, a 'Filter by Type' dropdown set to 'All types', and a table of policies. The table has columns for 'Policy name', 'Type', and 'Attached entities'. The first policy listed is 'AccessAnalyzerServiceRolePolicy' with a type of 'AWS managed' and 0 attached entities. At the bottom right, there are 'Create policy' and 'Next' buttons.

Create user | IAM | Global x Meet - fja-vwdb-ihc x +

us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/users/create

Permissions policies (1/1328)

Choose one or more policies to attach to your new user.

Filter by Type

s3 All types 16 matches

	Policy name	Type	Attached entities
<input type="checkbox"/>	AmazonDMSRedshiftS3Role	AWS managed	0
<input checked="" type="checkbox"/>	AmazonS3FullAccess	AWS managed	0
<input type="checkbox"/>	AmazonS3ObjectLambdaExecu...	AWS managed	0
<input type="checkbox"/>	AmazonS3OutpostsFullAccess	AWS managed	0
<input type="checkbox"/>	AmazonS3OutpostsReadOnlyA...	AWS managed	0
<input type="checkbox"/>	AmazonS3ReadOnlyAccess	AWS managed	0
<input type="checkbox"/>	AmazonS3TablesFullAccess	AWS managed	0
<input type="checkbox"/>	AmazonS3TablesReadOnlyAccess	AWS managed	0
<input type="checkbox"/>	AWSBackupServiceRolePolicyF...	AWS managed	0

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Step 7: Review the details for the IAM user and click on 'Create User'.

Create user | IAM | Global x Meet - fja-vwdb-ihc x +

us-east-1.console.aws.amazon.com/iam/home?region=us-east-1#/users/create

Step 1 Specify user details

Step 2 Set permissions

Step 3 Review and create

Step 4 Retrieve password

Review and create

Review your choices. After you create the user, you can view and download the autogenerated password, if enabled.

User details

User name myuser1	Console password type Custom password	Require password reset Yes
----------------------	--	-------------------------------

Permissions summary

Name	Type	Used as
AmazonS3FullAccess	AWS managed	Permissions policy
IAMUserChangePassword	AWS managed	Permissions policy

Tags - optional

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.

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10:43 PM 18-Feb-25

Step 8: IAM user has been successfully created! Download the .csv file and click on 'Return to user's List'.

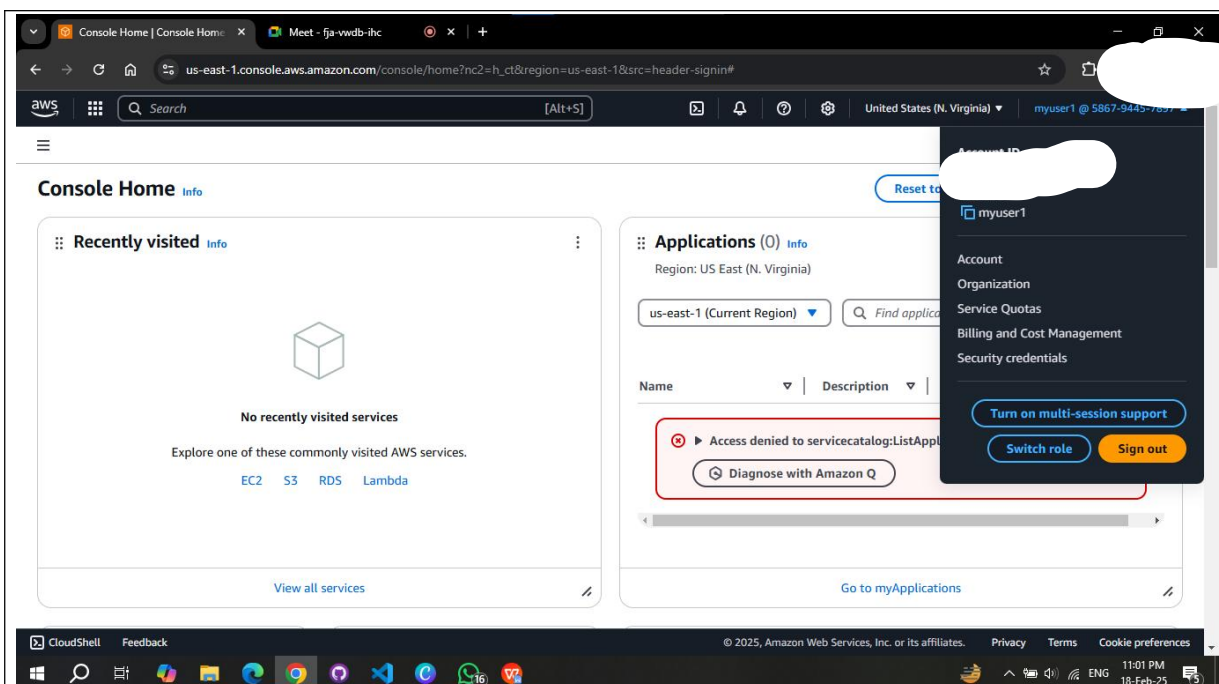
The screenshot shows the AWS IAM console 'Create user' page. A green banner at the top states 'User created successfully' with a 'View user' button. Below this, a sidebar lists steps: Step 1 (Specify user details), Step 2 (Set permissions), Step 3 (Review and create), and Step 4 (Retrieve password, which is the current step). The main content area is titled 'Retrieve password' and includes a 'Console sign-in details' box. This box contains the 'Console sign-in URL' (https://586794457897.signin.aws.amazon.com/console), 'User name' (myuser1), and 'Console password' (masked with dots and a 'Show' button). At the bottom right, there are three buttons: 'Cancel', 'Download .csv file', and 'Return to users list'.

Step 9: Sign out from the root user account and sign in as the IAM user account to check for the S3 access.

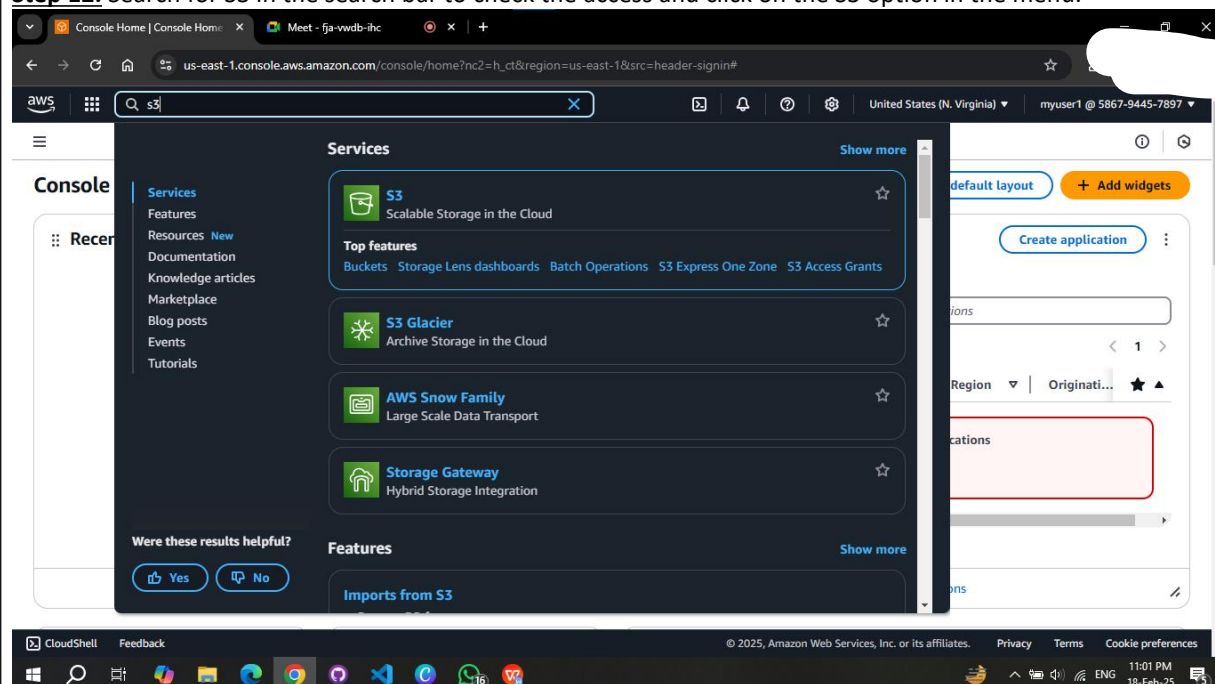
Step 10: Make a new password as an IAM user and confirm Password Change.

The screenshot shows the AWS IAM user sign-in page. On the left, there is a sign-in form titled 'IAM user sign in'. It includes fields for 'Account ID (12 digits) or account alias' (586794457897), 'IAM username' (myuser1), and 'Password' (masked with dots). There is a 'Show Password' checkbox and a 'Having trouble?' link. Below the form are two buttons: 'Sign in' and 'Sign in using root user email'. At the bottom, there is a link to 'Create a new AWS account'. On the right, there is a large banner for 'Amazon Lightsail' with the text 'Lightsail is the easiest way to get started on AWS' and a 'Learn more »' button. The banner also features a cartoon robot character.

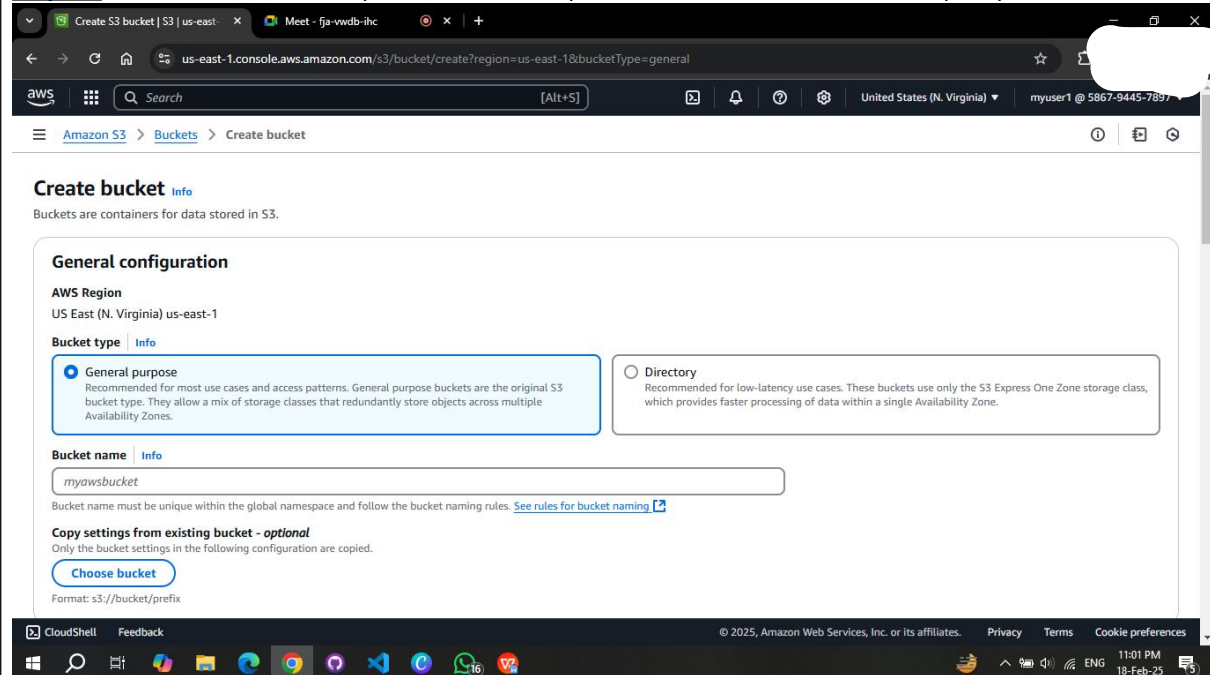
Step 11: Sign in successful!



Step 12: Search for S3 in the search bar to check the access and click on the S3 option in the menu.



Step 13: In the 'Create Bucket' option we can clearly see we have full access to the S3 policy.



Step 14: Search any random policy to check it's accessibility. Where we can see that access to other policies than S3 is denied! So, we have successfully created an IAM user with full access to S3 only.

