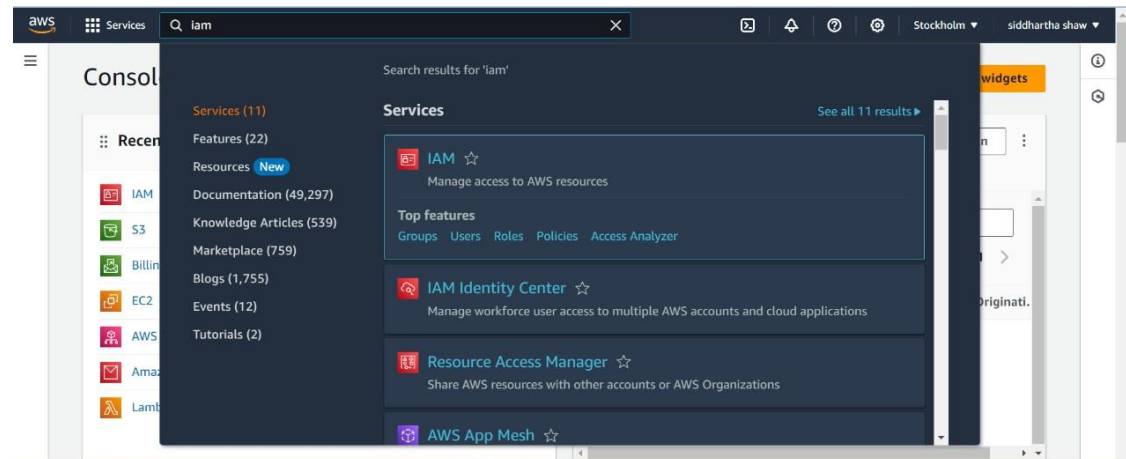


Assignment 3:

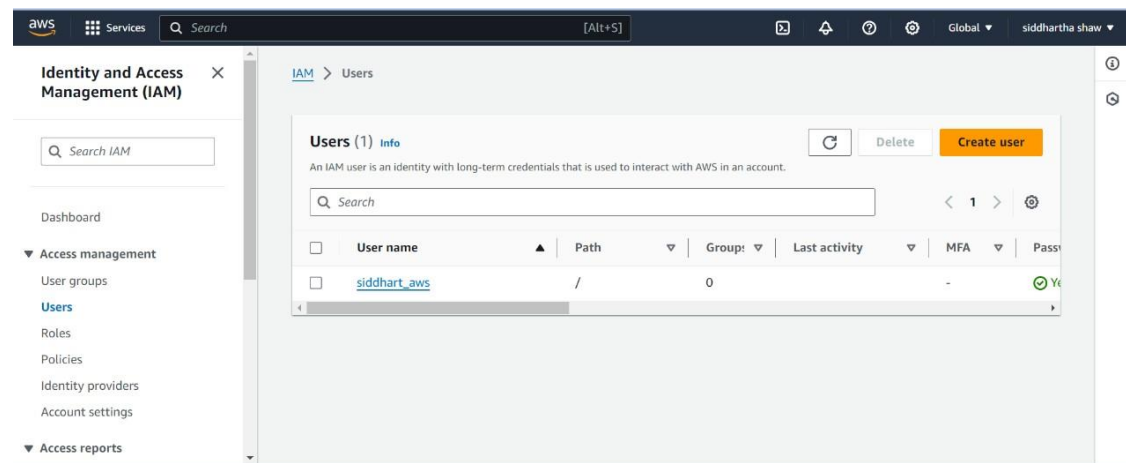
Create IAM user and give full access to S3.

The steps of creation are as follows:

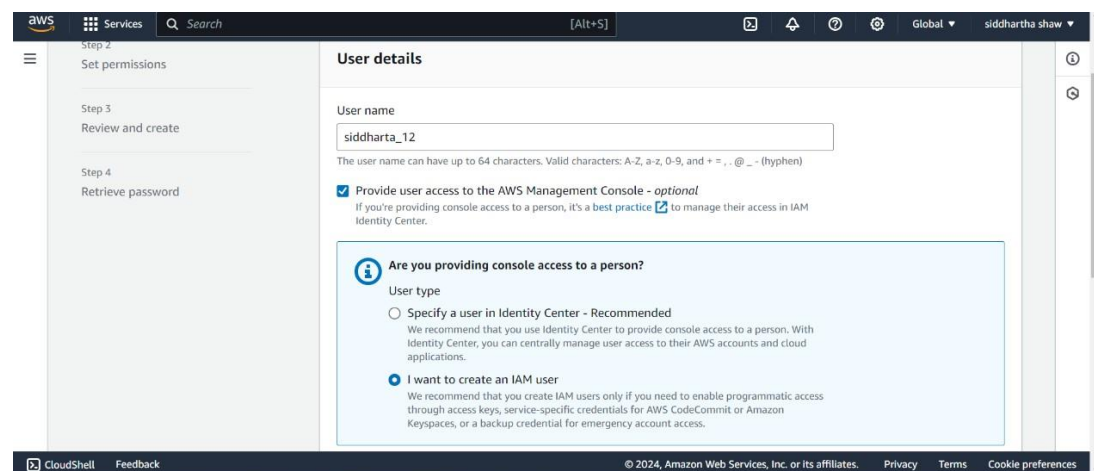
1. Search for **"IAM"** in the search bar and then click on **"IAM-Manage access to AWS resources"**



2. Navigate to the left side bar then click on **"Users"** under **"Access management"** section.



3. Then we have to click on **"Create user"** option.



4. Now we are in step 1(i.e. Specify user details) of creating an IAM user. We have to enter the username and then click on checkbox which will provide user access to the AWS Management Console. After that we select “I want to create an IAM user” option.

The screenshot shows the 'Specify user details' step in the AWS IAM console. The 'Console password' section has the 'Custom password' option selected. A password '1234@ghu!' has been entered. The 'Show password' checkbox is checked. The 'Users must create a new password at next sign-in - Recommended' checkbox is also checked. A sidebar on the left shows the navigation menu. The top navigation bar includes the AWS logo, 'Services', a search bar, and the user's name 'siddhartha shaw'.

We recommend that you create IAM users only if you need to enable programmatic access through access keys, service-specific credentials for AWS CodeCommit or Amazon Keyspaces, or a backup credential for emergency account access.

Console password

☐ Autogenerated password
You can view the password after you create the user.

☒ Custom password
Enter a custom password for the user.

1234@ghu!

- Must be at least 8 characters long
- 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) = [] { } | ' !

☒ Show password

☒ Users must create a new password at next sign-in - Recommended
Users automatically get the `IAMUserChangePassword` policy to allow them to change their own password.

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](#)

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5. Then we select the option of creating a **custom password** and enter password according to our choice. Then we deselect the checkbox stating “Users must create a new password at next sign-in”. Then we click on “Next”.

The screenshot shows the 'Permissions options' step in the AWS IAM console. The 'Add user to group' option is selected. Below this, there is a section for 'User groups (1)' with a search bar and a table listing the group 'g1'. The 'Set permissions boundary - optional' link is visible at the bottom.

Permissions options

☒ Add user to group
Add user to an existing group, or create a new group. We recommend using groups to manage user permissions by job function.

☐ Copy permissions
Copy all group memberships, attached managed policies, and inline policies from an existing user.

☐ Attach policies directly
Attach a managed policy directly to a user. As a best practice, we recommend attaching policies to a group instead. Then, add the user to the appropriate group.

User groups (1)

Search

<input type="checkbox"/>	Group name	Users	Attached policies	Created
<input type="checkbox"/>	g1	0	AmazonS3FullAccess	2024-03-01 (Y...

[Set permissions boundary - optional](#)

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6. Now we are in step 2(i.e. Set permissions). Here we select the option of “Add user to group” and then click on “Create group” option.

Create a user group and select policies to attach to the group. We recommend using groups to manage user permissions by job function, AWS service access, or custom permissions. [Learn more](#)

User group name
Enter a meaningful name to identify this group.

g4

Maximum 128 characters. Use alphanumeric and '+=, @-_' characters.

Permissions policies (1/913)

Filter by Type

Q s3 X All types 9 matches < 1 > ⚙

	Policy name	Type	Use...	Description
<input type="checkbox"/>	AmazonDMSRedsh...	AWS managed	None	Provides access to manage S3 setti
<input checked="" type="checkbox"/>	AmazonS3FullAccess	AWS managed	Permis...	Provides full access to all buckets v
<input type="checkbox"/>	AmazonS3ObjectL...	AWS managed	None	Provides AWS Lambda functions pe
<input type="checkbox"/>	AmazonS3Outpost...	AWS managed	None	Provides full access to Amazon S3 c

Cancel Create user group

7. Now we get a “Create user group” window prompt. We have to provide the name of the group, let’s say “g4”. We search for s3 in permission policy search bar and then select the checkbox (i.e. the permission policy option) which will give full access to g4 (here it is AmazonS3FullAccess). Then click on “Create user group” option

aws Services Search [Alt+S] Global sidhartha shaw

g4 user group created.

User groups (2)

Search < 1 > ⚙

	Group name	Users	Attached policies	Created
<input type="checkbox"/>	g1	0	AmazonS3FullAccess	2024-03-01 (Y...
<input type="checkbox"/>	g4	0	AmazonS3FullAccess	2024-03-02 (N...

► Set permissions boundary - optional

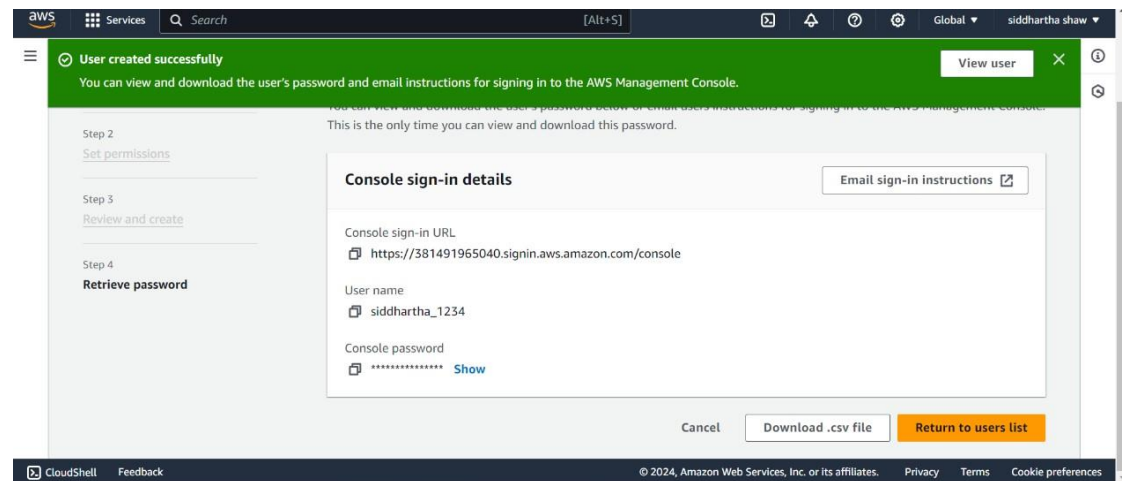
Cancel Previous Next

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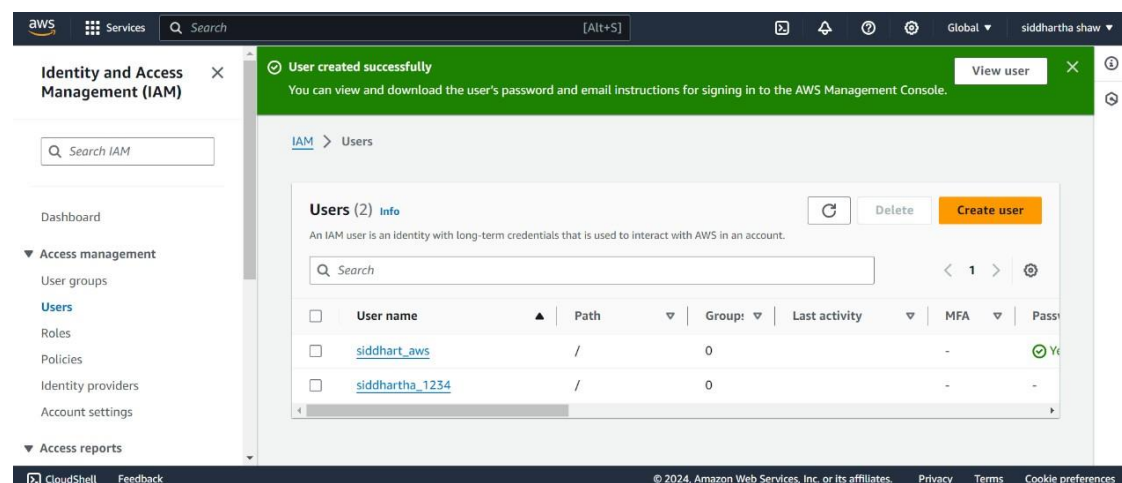
8. We will be able to see that user group of having full access to s3 has been created. Now we click on “Next”

9. Now we are in step 3(i.e. Review and create). We see that in Permissions summary section the IAM user created has been assigned to “g4” group. We click on “Create user” to proceed further.

10. Now we are in step 4 (i.e. Retrieve password) which will provide us with the sign in credentials of IAM user. We can download the .csv file containing sign in credentials or directly view it from here itself. Then click on “Return to users list”.



11. Now we will see in User's list that IAM user having full g4 has been successfully created.



12. Now we need to sign out and sign in using IAM user credentials.



Sign in

☒ Root user

Account owner that performs tasks requiring unrestricted access. [Learn more](#)

☐ IAM user

User within an account that performs daily tasks. [Learn more](#)

Root user email address

shaw33224@gmail.com

Next

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