

Assignment No: 3

Problem Statement: Create IAM user and give full access to S3.

Solution Process:

- 1.Go to the AWS console and search Identity and Access Management(IAM).
- 2.Then go to the users option and click the create user.
- 3.Fill the user details and create a Password.

The screenshot shows the 'Specify user details' step of the AWS IAM 'Create user' process. The left sidebar indicates 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 the following sections:

- User details:** The 'User name' field is populated with 'Archak@456'. A note states: 'The user name can have up to 64 characters. Valid characters: A-Z, a-z, 0-9, and +, -, @, _ (hyphen)'. The checkbox 'Provide user access to the AWS Management Console - optional' is checked. A note below it says: 'If you're providing console access to a person, it's a best practice to manage their access in IAM Identity Center.'
- Are you providing console access to a person?:** The 'User type' section has two options: 'Specify a user in Identity Center - Recommended' (unselected) and 'I want to create an IAM user' (selected). A note for the selected option states: '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:** The 'Autogenerated password' option is selected. A note says: 'You can view the password after you create the user.' The 'Custom password' option is unselected. Below it, a text input field is labeled 'Enter a custom password for the user:'. A note specifies: '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 (! @ # \$ % ^ & * ' () _ + = { } | ; , ' . ~ -)'. A checkbox 'Show password' is present. Below this, a note states: 'Users must create a new password at next sign-in - Recommended. Users automatically get the `AWSUserChangePassword` policy to allow them to change their own password.'
- Programmatic access:** A note 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.

- 4.Click next and set the S3 full access permission.

The screenshot shows the 'Set permissions' step of the AWS IAM 'Create user' process. The left sidebar indicates 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 'Set permissions' and contains the following sections:

- Permissions options:** There are three options: 'Add user to group' (unselected), 'Copy permissions' (unselected), and 'Attach policies directly' (selected). A note for the selected option states: '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.'
- Permissions policies (1/1319):** A section titled 'Choose one or more policies to attach to your new user.' It includes a search bar with 's3fu' entered, a 'Filter by Type' dropdown set to 'All types', and a '1 match' indicator. Below the search bar, a table lists the policies:

Policy name	Type	Attached entities
AWSAmazonS3FullAccess	AWS managed	1

Below the table, there is a section for 'Set permissions boundary - optional'.

At the bottom right, there are 'Cancel', 'Previous', and 'Next' buttons.

5.After that review the IAM user details and then click on the create user option.

The screenshot shows the 'Review and create' step in the AWS IAM console. On the left, a progress bar indicates four steps: 'Specify user details', 'Set permissions', 'Review and create' (the current step), and '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.' Below this, there are three sections: 'User details', 'Permissions summary', and 'Tags - optional'. The 'User details' section shows 'User name' as 'Archak@456', 'Console password type' as 'Custom password', and 'Require password reset' as 'Yes'. The 'Permissions summary' section shows a table with two rows: 'AmazonS3FullAccess' and 'IAMUserChangePassword', both of type 'AWS managed' and used as 'Permissions policy'. The 'Tags - optional' section has a note that tags are key-value pairs for identifying resources and a button to 'Add new tag'. At the bottom right, there are three buttons: 'Cancel', 'Previous', and 'Create user'.

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 Archak@456	Console password type Custom password	Require password reset Yes
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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.
No tags associated with the resource.
[Add new tag](#)
You can add up to 50 more tags.

[Cancel](#) [Previous](#) [Create user](#)

6.Finally IAM user is created with full S3 access permission.

The screenshot shows the 'Retrieve password' step in the AWS IAM console. A green success banner at the top states 'User created successfully' and 'You can view and download the user's password and email instructions for signing in to the AWS Management Console.' Below this, the progress bar shows four steps: 'Specify user details', 'Set permissions', 'Review and create', and 'Retrieve password' (the current step). 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.' Below this, there is a section 'Console sign-in details' with a button 'Email sign-in instructions'. It also shows the 'User name' as 'Archak@456' and the 'Console password' as a masked string with a 'Show' button. At the bottom right, there are three buttons: 'Cancel', 'Download .csv file', and 'Return to users list'.

User created successfully
You can view and download the user's password and email instructions for signing in to the AWS Management Console. [View user](#)

Step 1
Specify user details

Step 2
Set permissions

Step 3
Review and create

Step 4
Retrieve password

Retrieve password

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.

Console sign-in details [Email sign-in instructions](#)

Console sign-in URL
<https://528757799754.signin.aws.amazon.com/console>

User name
Archak@456

Console password
XXXXXXXXXXXX [Show](#)

[Cancel](#) [Download .csv file](#) [Return to users list](#)