

Assignment No.: 03

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' page in the AWS IAM console. The page is divided into several sections:

- User details:** A text field for 'User name' containing 'Additi_28'. Below it, a note states: 'The user name can have up to 64 characters. Valid characters: A-Z, a-z, 0-9, and +, -, @, _ (hyphen)'.
- Provide user access to the AWS Management Console - optional:** A checkbox is checked, with a note: '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?:** A section with two radio buttons: 'Specify a user in Identity Center - Recommended' (unselected) and 'I want to create an IAM user' (selected). A note below 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:** Two radio buttons: 'Autogenerated password' (unselected) and 'Custom password' (selected). Below the selected option, there is a text field for the password and a list of requirements: 'Must be at least 12 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 (!@#\$%^&*()_+~`-[]{}|)'. There is also a 'Show password' checkbox.
- Users must create a new password at next sign-in - Recommended:** An unchecked checkbox with a note: 'Users automatically get the IAMUserChangePassword policy to allow them to change their own password.'

The bottom of the page shows the AWS logo, 'CloudShell', 'Feedback', and copyright information: '© 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences'.

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

The screenshot shows the 'Create user group' dialog box in the AWS IAM console. The dialog box has the following sections:

- User group name:** A text field containing 'user1'. A note below it states: 'Maximum 128 characters. Use alphanumeric and +, -, @, _ characters.'
- Permissions policies (1/1023):** A table with columns: Policy name, Type, Use..., and Description. The table lists various AWS managed policies. The 'AmazonS3FullAccess' policy is selected with a blue checkmark.
- Buttons:** 'Cancel' and 'Create user group' (highlighted in orange).

The background shows the 'Set permissions' page of the 'Create user' process, with a 'Create group' button visible.

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

The screenshot shows the AWS IAM 'Create user' page at Step 3, 'Review and create'. A green success banner at the top states 'user1 user group created.' Below it, a progress bar shows four steps: Step 2 (Set permissions), Step 3 (Review and create), and Step 4 (Retrieve password). The main content area is divided into three sections: 'User details', 'Permissions summary', and 'Tags - optional'. The 'User details' section shows 'User name' as 'Aditi_28', 'Console password type' as 'Custom password', and 'Require password reset' as 'No'. The 'Permissions summary' section shows a table with one entry: 'user1' (Group) used as a 'Permissions group'. The 'Tags - optional' section states 'No tags associated with the resource.' and includes an 'Add new tag' button. At the bottom right, there are three buttons: 'Cancel', 'Previous', and 'Create user'.

user1 user group created.

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

User details

User name	Console password type	Require password reset
Aditi_28	Custom password	No

Permissions summary

Name	Type	Used as
user1	Group	Permissions group

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 S3 full Access permission.

The screenshot shows the AWS IAM 'Create user' page at Step 4, 'Retrieve password'. A green success banner at the top states 'User created successfully' with a 'View user' button. Below it, a 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-section 'Console sign-in details'. This section contains a 'Console sign-in URL' (https://911167883691.signin.aws.amazon.com/console), 'User name' (Aditi_28), and a 'Console password' (masked with dots and a 'Show' button). There is also an 'Email sign-in instructions' 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](#)

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://911167883691.signin.aws.amazon.com/console>

User name

Aditi_28

Console password

[Show](#)

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