Assignment No: 3

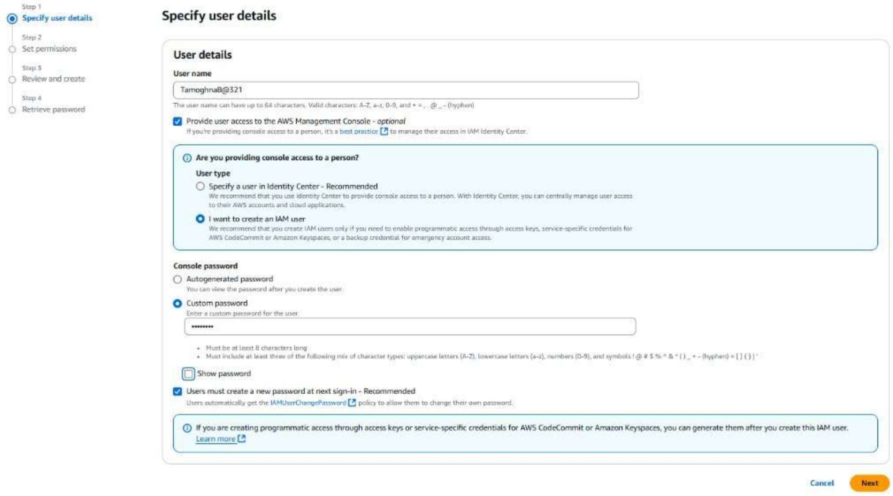
Problem Statement: Create IAM user and give full access to S3.

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.



Specify user details

User details

User name: TamoghnaB@321

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*
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?**

User type

○ Specify a user in Identity Center - Recommended
We recommend that you use Identity Center to provide console access to a person. With Identity Center, you can centrally manage user access to their AWS accounts and cloud applications.

● I want to create an IAM user
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.
••••••••

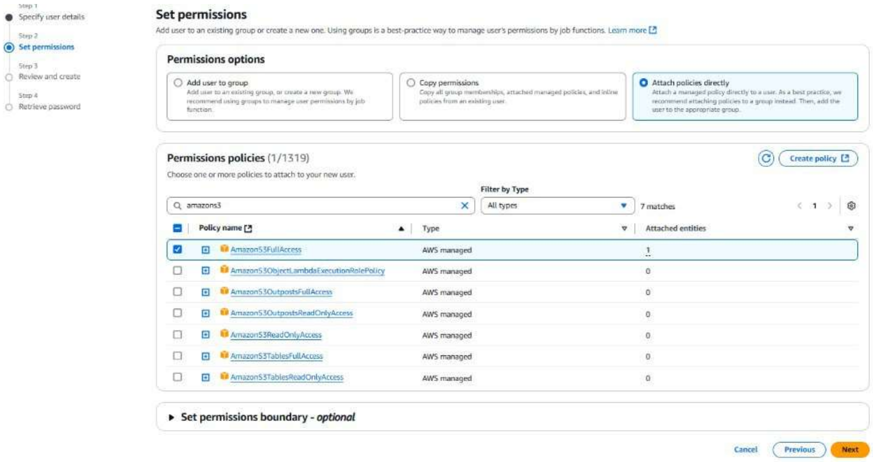
- Must be at least 8 characters long
- Must include at least three of the following mix of character types: uppercase letters (A-Z), lowercase letters (a-z), numbers (0-9), and symbols ! @ # $ % ^ & * ( ) _ + - (hyphen) = [ ] { } | '

□ 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

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



Set permissions

Add user to an existing group or create a new one. Using groups is a best-practice way to manage user's permissions by job functions. Learn more

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.

Permissions policies (1/1319)

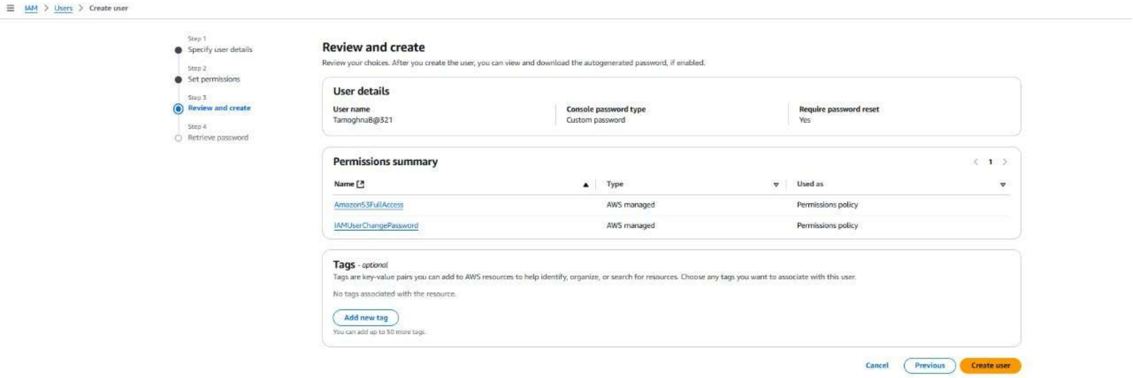
Choose one or more policies to attach to your new user.

Search: amazons3 — Filter by Type: All types — 7 matches

	Policy name	Type	Attached entities
☑	AmazonS3FullAccess	AWS managed	1
□	AmazonS3ObjectLambdaExecutionRolePolicy	AWS managed	0
□	AmazonS3OutpostsFullAccess	AWS managed	0
□	AmazonS3OutpostsReadOnlyAccess	AWS managed	0
□	AmazonS3ReadOnlyAccess	AWS managed	0
□	AmazonS3TablesFullAccess	AWS managed	0
□	AmazonS3TablesReadOnlyAccess	AWS managed	0

▸ Set permissions boundary - *optional*

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



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	Console password type	Require password reset
TamoghnaB@321	Custom password	Yes

Permissions summary

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

Tags - *optional*

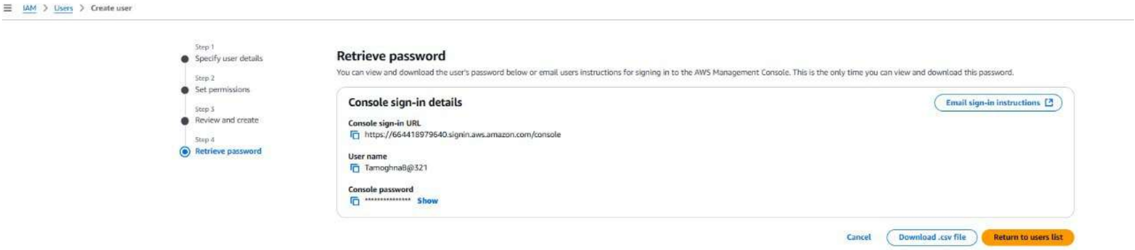
Tags are key-value pairs you can add to AWS resources to help identify, organize, or search for resources. Choose any tags you want to associate with this user.

No tags associated with the resource.

Add new tag

You can add up to 50 more tags.

6.Finally IAM user is created with s3 full access permission.



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

Console sign-in URL
https://664418979640.signin.aws.amazon.com/console

User name
TamoghnaB@321

Console password
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