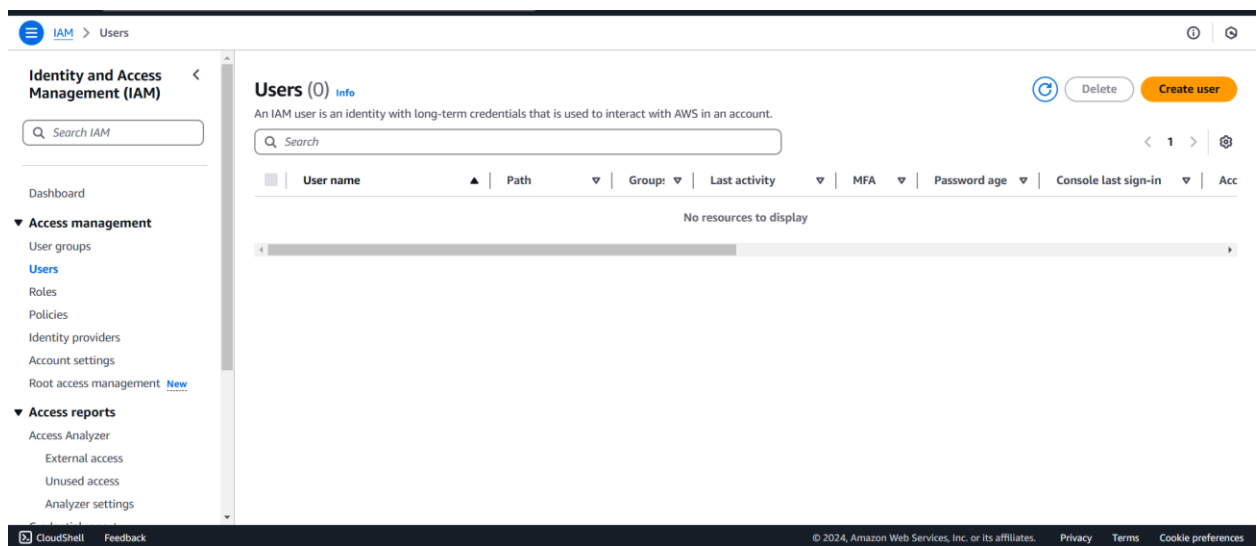


IAM(Identity and Access Management)

Q. > How to create GUI user in Amazon IAM?

- When you create user go to the AWS console.
- Then Search in the IAM and click on.
- Enter the Identity and Access Management **Dashboard**.



Step 1:-

- Click on the **Users**.
- After then click on **create user**.
- Enter the user details. User name **“aws_user”**

IAM > Users > Create user

Step 1: Specify user details (selected)
 Step 2: Set permissions
 Step 3: Review and create
 Step 4: Retrieve password

Specify user details

User details

User name

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.

- After then click on the **I want to create an IAM user.**
- Then choose the **custom password.**
- Enter the password. "Temp12345" like that.

IAM > Users > Create user

Step 1: Specify user details
 Step 2: Set permissions (selected)
 Step 3: Review and create
 Step 4: Retrieve password

User details

User name

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**
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☒ **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.

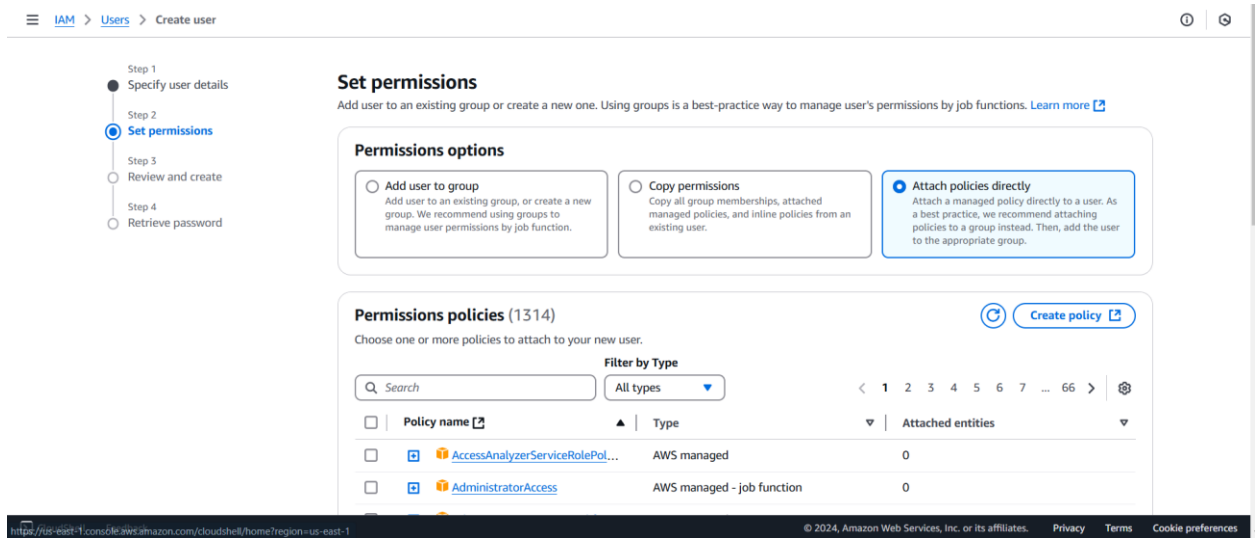
CloudShell Feedback

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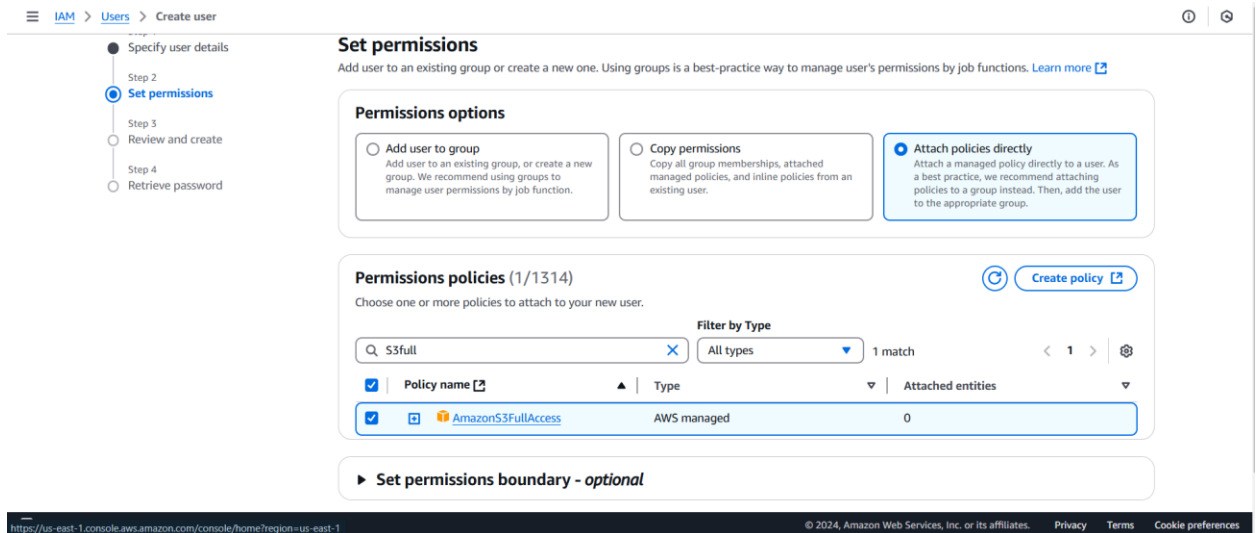
- Then click on **Next.**

Step 2:-

- Set permissions
- Click on **Attach policies directly.**



- Go to the **Permissions policies search box** and search your permissions policies.
- Search like that “**S3fullaccess**”, “**Ec2fullaccess**” like that.



- Select the policies and click on **next**.

Step 3:-

- Review and create.
- In this step to check our policies and user details.
- Then click on the **create user**.

aws

Search

[Alt+S]

Global

Neeraj2001

IAM > Users > 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
aws_user

Console password type
Custom password

Require password reset
Yes

Permissions summary

Name	Type	Used as
AmazonEC2FullAccess	AWS managed	Permissions policy
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.

CloudShell

Feedback

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IAM > Users > Create user

Step 4
Retrieve password

aws_user

Custom password

Yes

Permissions summary

Name	Type	Used as
AmazonEC2FullAccess	AWS managed	Permissions policy
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

CloudShell

Feedback

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Step 4:-

- Retrieve password.
- Console sign-in details
- **Console sign-in URL** Copy link and paste another browser.
- **User name and Console password** used to login the user.
-

IAM > Users > Create 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

Console sign-in URL
<https://147997146235.signin.aws.amazon.com/console>

User name
aws_user

Console password
***** [Show](#)

[Email sign-in instructions](#)

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

IAM user sign in

Account ID (12 digits) or account alias
147997146235

IAM username
aws_user

Password
Temp12345

☒ Show Password [Having trouble?](#)

[Sign in](#)

[Sign in using root user email](#)

[Create a new AWS account](#)


☐ Remember this account

By continuing, you agree to [AWS Customer Agreement](#) or other agreement for AWS services, and the [Privacy Notice](#). This site uses essential cookies. See our [Cookie Notice](#) for more information.

Amazon Lightsail

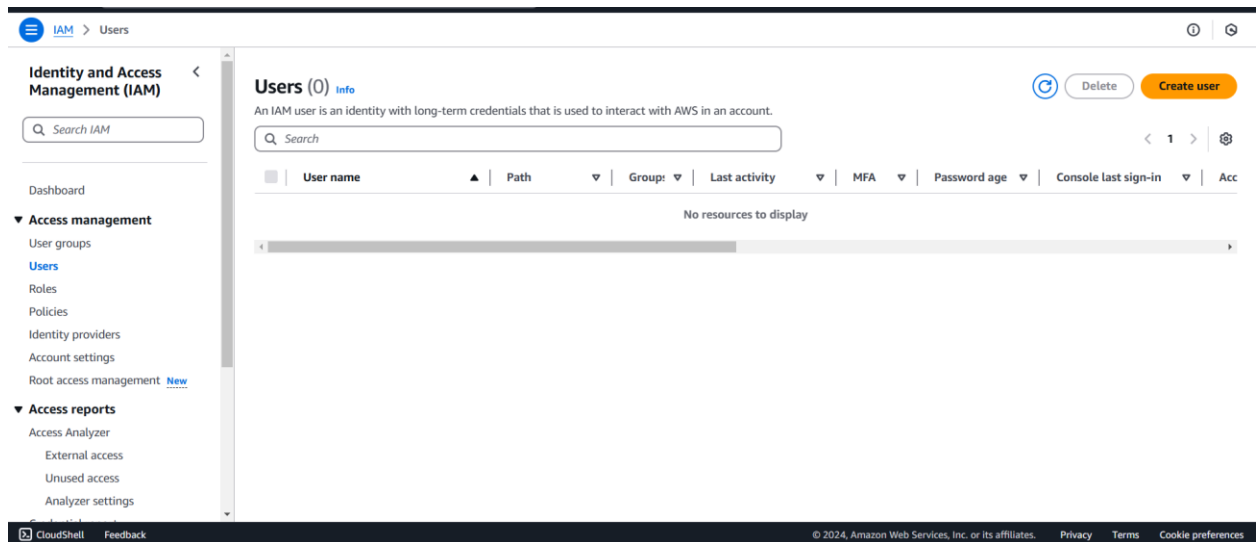
Lightsail is the easiest way to get started on AWS

[Learn more »](#)



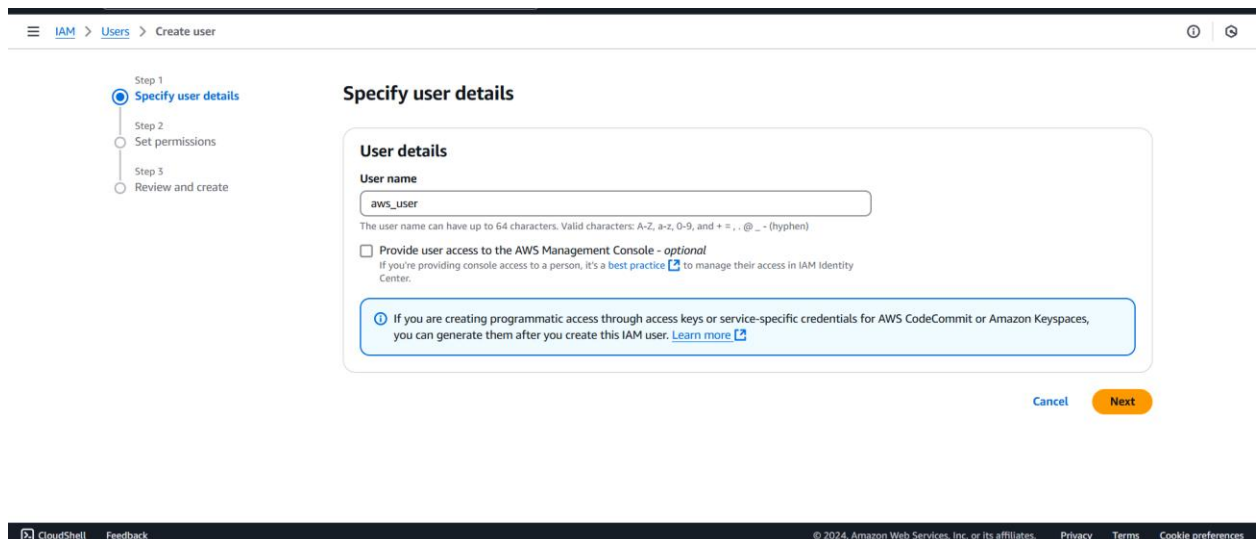
Q.> How to create Programmatic User in Amazon IAM?

- When you create user go to the AWS console.
- Then Search in the IAM and click on.
- Enter the Identity and Access Management **Dashboard**.



Step 1:-

- Click on the **Users**.
- After then click on **create user**.
- Enter the user details. User name “**aws_user**”



- Then click on the **next**.

Step 2:-

- **Set permissions.**
- **Permissions options.**
 - Add user to group
 - Copy permissions
 - **Attach policies directly.**

The screenshot shows the AWS IAM 'Create user' console. The breadcrumb trail is 'IAM > Users > Create user'. On the left, a progress indicator shows 'Step 3: Review and create'. The main content area is titled 'Permissions options' and contains three radio button options: 'Add user to group', 'Copy permissions', and 'Attach policies directly'. The 'Attach policies directly' option is selected. Below this, the 'Permissions policies (1/1314)' section is visible, showing a search for 's3full' with 1 match. A table lists the policy 'AmazonS3FullAccess' as an 'AWS managed' policy with 0 attached entities. At the bottom, there is a section for 'Set permissions boundary - optional' and navigation buttons: 'Cancel', 'Previous', and 'Next'.

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 (1/1314) [Create policy](#)

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

Filter by Type: All types 1 match

<input checked="" type="checkbox"/>	Policy name	Type	Attached entities
<input checked="" type="checkbox"/>	AmazonS3FullAccess	AWS managed	0

► Set permissions boundary - optional

[Cancel](#) [Previous](#) [Next](#)

- Click on the **next**.

Step 3:-

- Review and create.

IAM

Users

Create user

Step 2

Set permissions

Step 3

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

aws_user

Console password type

None

Require password reset

No

Permissions summary

Name

AmazonS3FullAccess

Type

AWS managed

Used as

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

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➤ After that **create user**.

IAM

Users

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

Access reports

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

Users (1)

Info

Delete

Create user

An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Search

< 1 >

User name

aws_user

Path

/

Group

0

Last activity

-

MFA

-

Password age

-

Console last sign-in

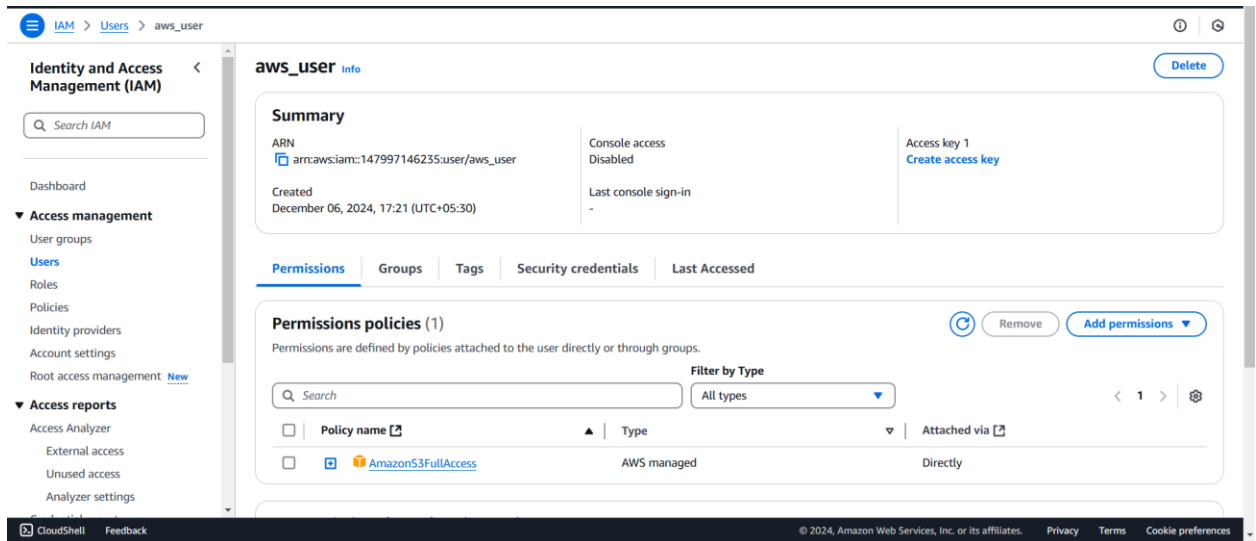
-

Acc

-

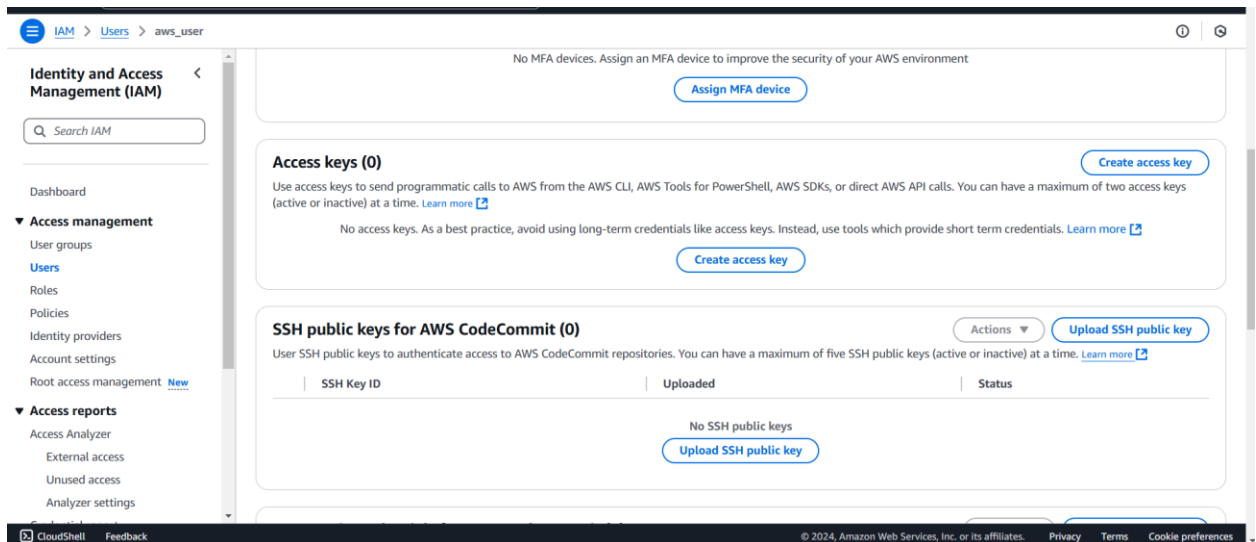
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- Click on the “aws_user”.

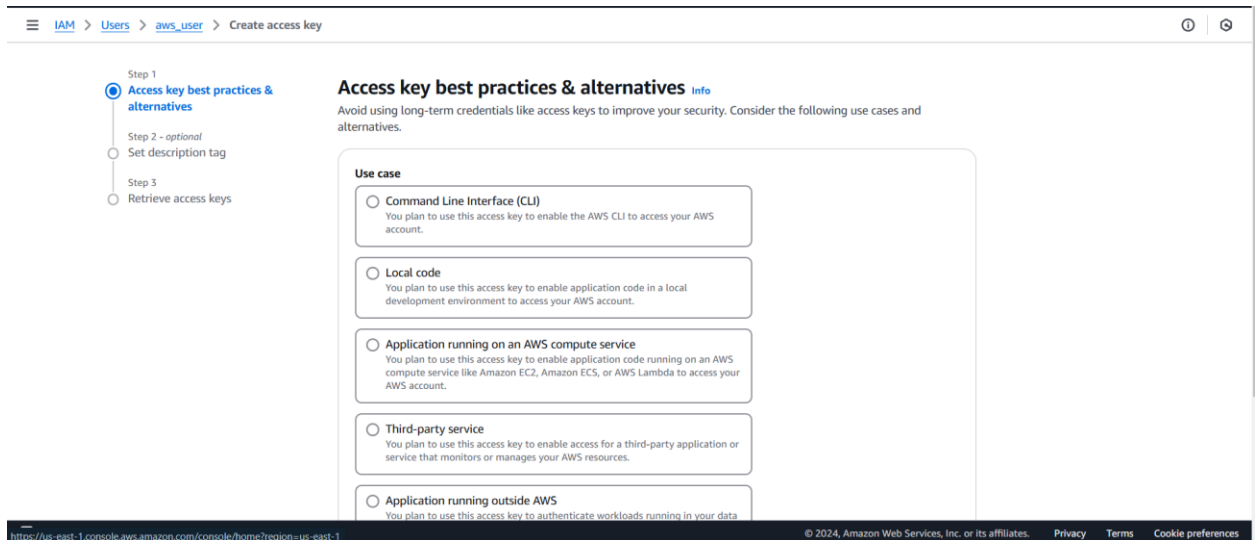


- After then click on the Security credentials.

- And scroll go to the Access Keys.

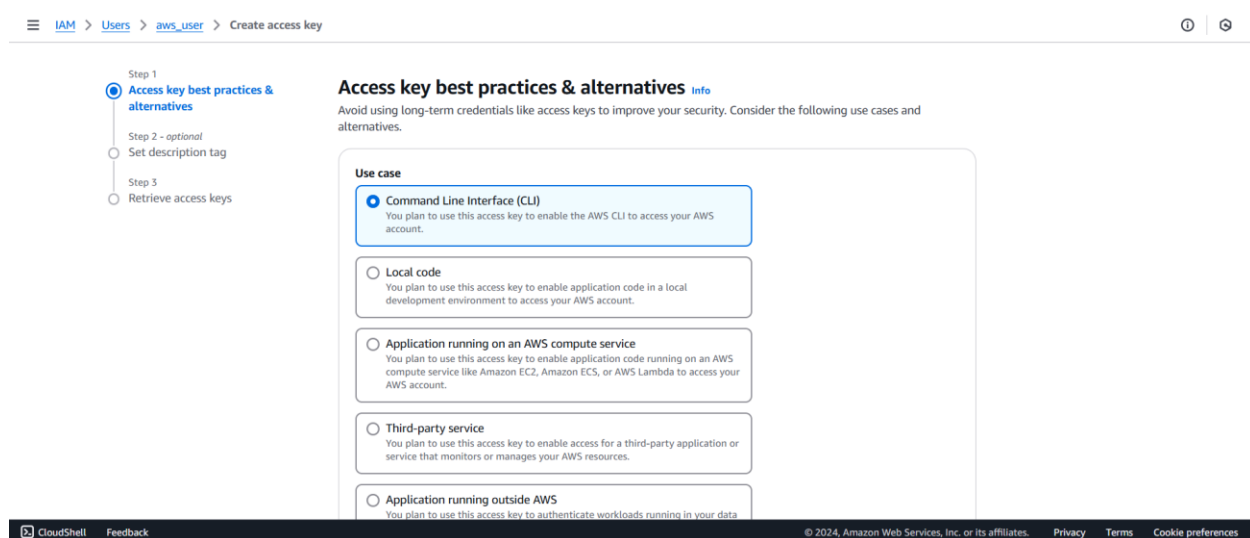



- And click on create access key .
- Go to create access key the dashboard.



Step 1:-

- Access key best practices & alternatives.
- Use case.
 - ✓ Command Line Interface (CLI).



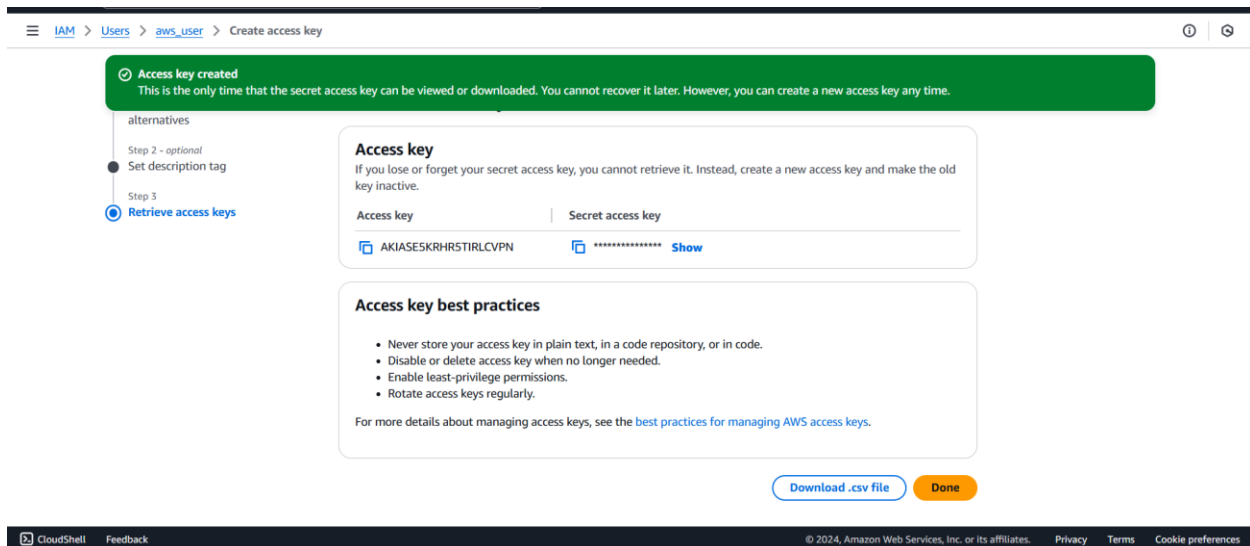
- Scroll and check in the  confirmation.

Step 2:-

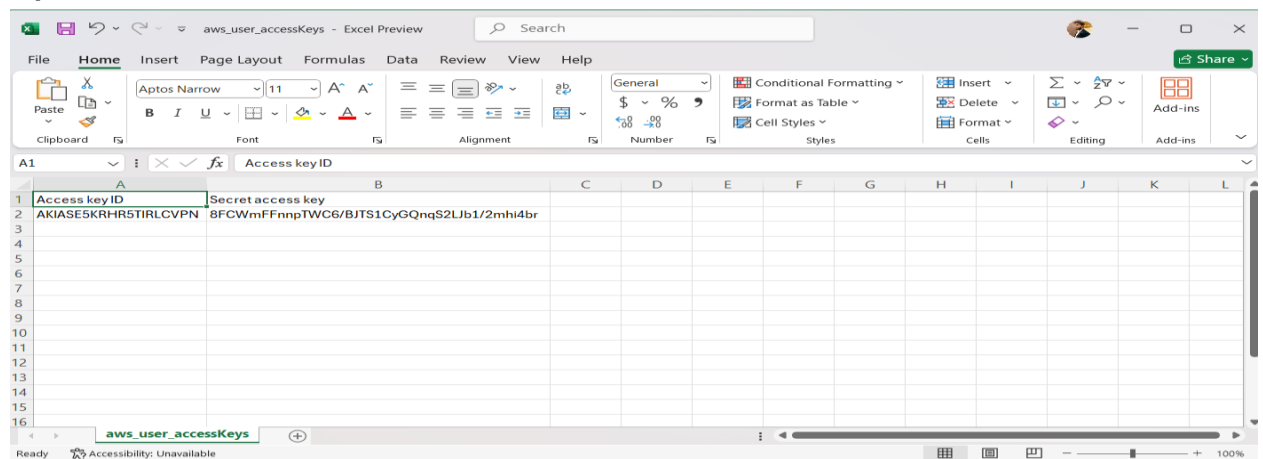
- Set description tag – *optional*

Step 3:-

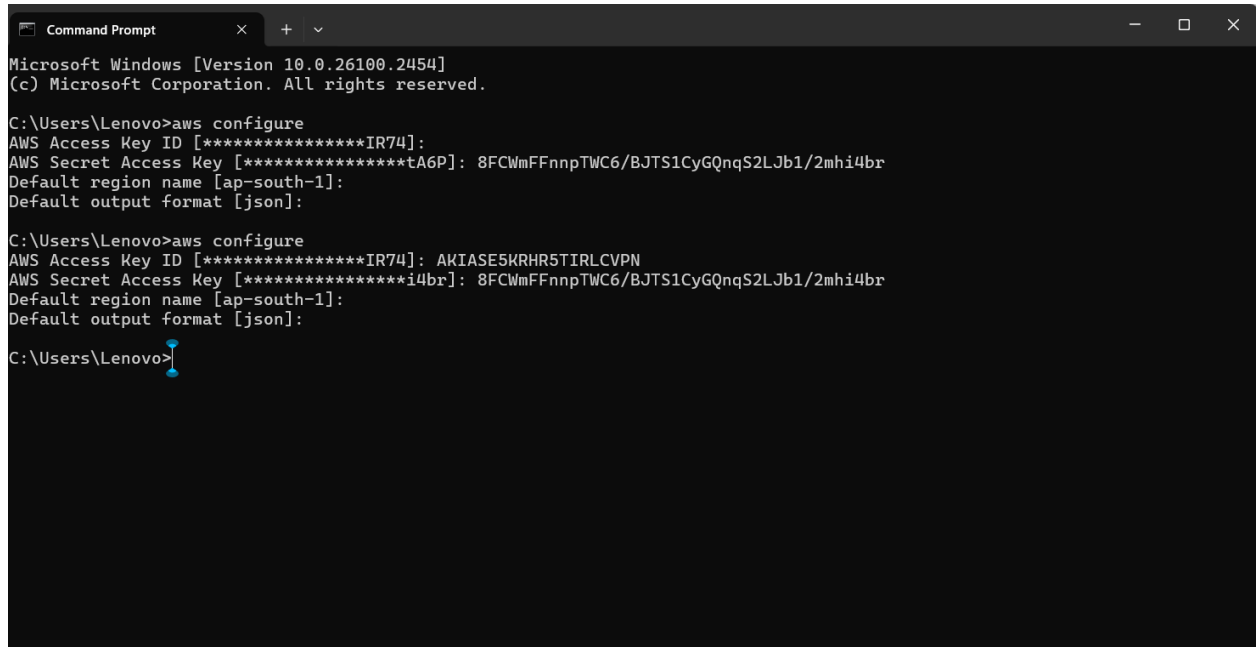
- Retrieve access keys.
- Download .csv file



- Open it excel file.



- Connect to the **command prompt** .
- Download AWS CLI V2 and install.
- Then connect cmd “aws configure”.
- Then used access key ID



```
Command Prompt
Microsoft Windows [Version 10.0.26100.2454]
(c) Microsoft Corporation. All rights reserved.

C:\Users\Lenovo>aws configure
AWS Access Key ID [*****IR74]:
AWS Secret Access Key [*****A6P]: 8FCWmFFnnpTWC6/BJTS1CyGQnqS2LJb1/2mhi4br
Default region name [ap-south-1]:
Default output format [json]:

C:\Users\Lenovo>aws configure
AWS Access Key ID [*****IR74]: AKIASE5KRHR5TIRLCVPN
AWS Secret Access Key [*****i4br]: 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
Default region name [ap-south-1]:
Default output format [json]:

C:\Users\Lenovo>
```

-
- Now connected aws user.