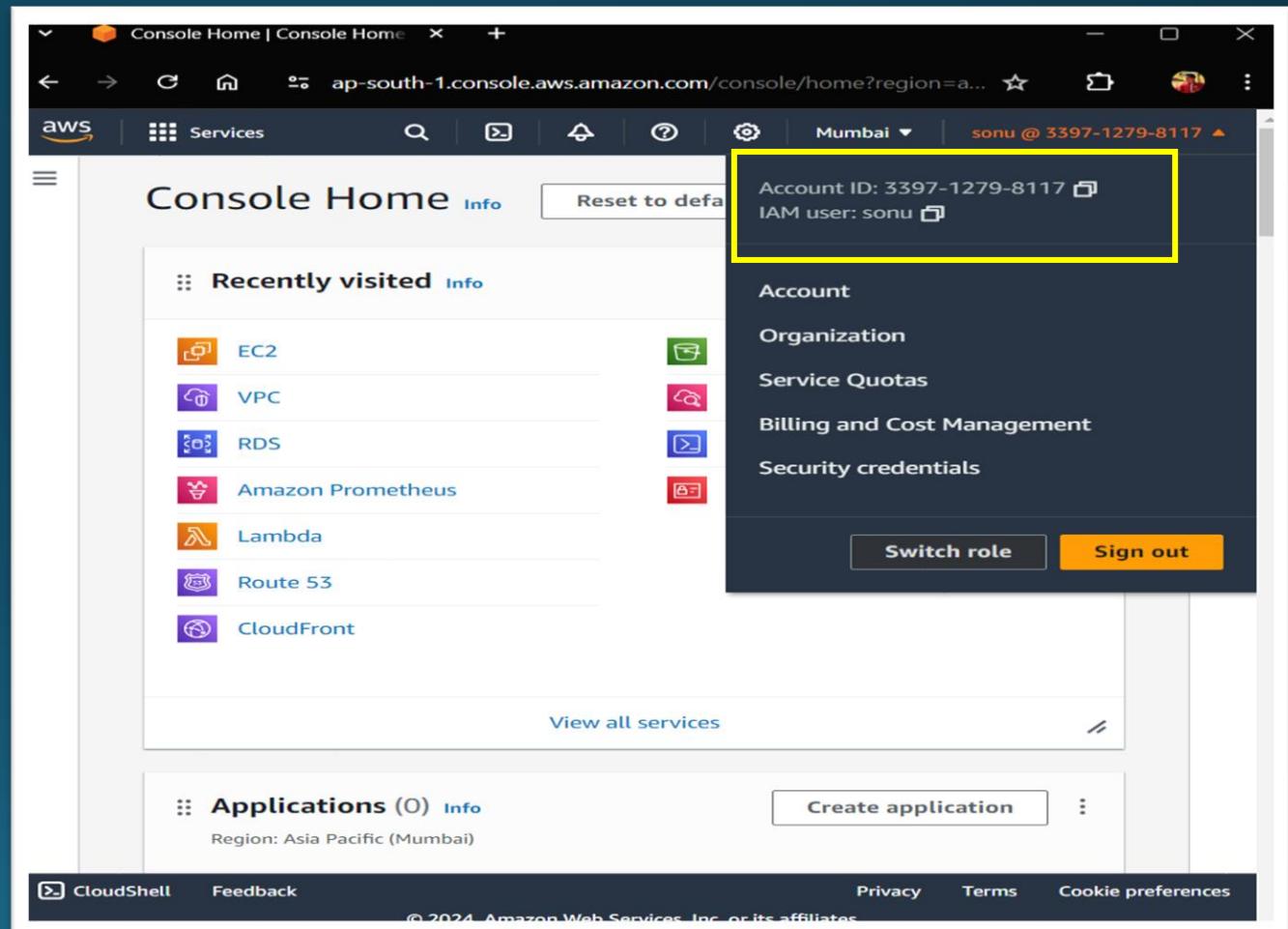
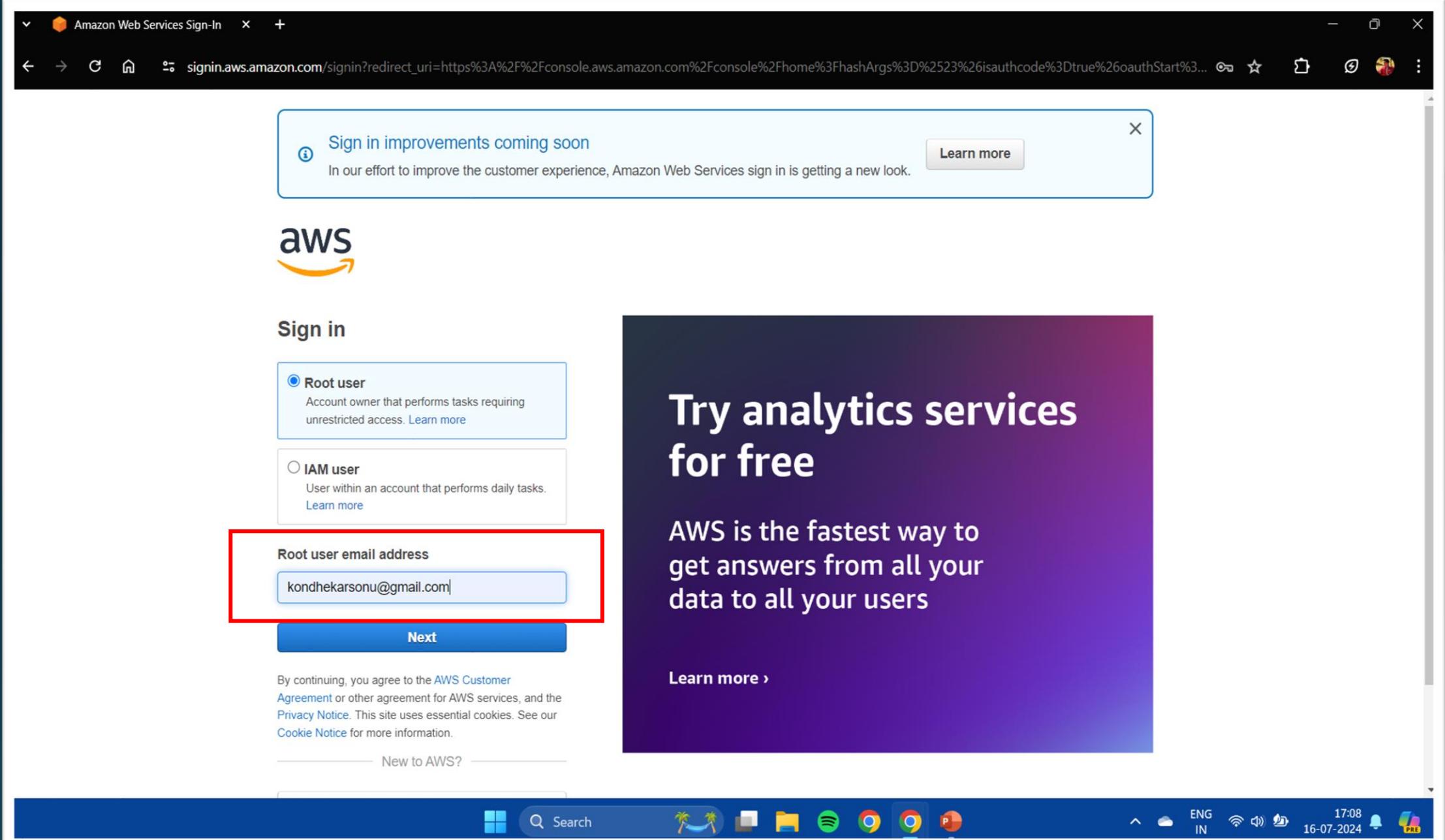


# Task 1: Set Up a Basic AWS Environment

I am thrilled to be diving deeper into the world of AWS with my existing free tier account, which I set up two months ago. Despite the limited financial credit, I'm determined to make the most out of this opportunity. Instead of creating a new account, I plan to strategically create another IAM user, granting them specific permissions to carry out my tasks efficiently. This approach allows me to continue honing my skills in AWS without incurring extra costs. Every challenge is an opportunity to learn and grow, and I'm passionate about exploring all the functionalities AWS has to offer. My enthusiasm for DevOps and cloud computing drives me to find innovative solutions, ensuring that I make significant progress in my journey. I am committed to leveraging every resource available to achieve my goals and exceed expectations.





Amazon Web Services Sign-In

signin.aws.amazon.com/signin?redirect\_uri=https%3A%2F%2Fconsole.aws.amazon.com%2Fconsole%2Fhome%3FhashArgs%3D%2523%26isauthcode%3Dtrue%26oauthStart%3Dtrue&state=...&code=...

Sign in improvements coming soon

In our effort to improve the customer experience, Amazon Web Services sign in is getting a new look.

Learn more

aws

Root user sign in

Email: kondhekarsonu@gmail.com

Password [Forgot password?](#)

.....

Sign in

[Sign in to a different account](#)

[Create a new AWS account](#)

Try analytics services for free

AWS is the fastest way to get answers from all your data to all your users

Learn more >

17:08 16-07-2024 ENG IN

Console Home | Console Home x +

ap-south-1.console.aws.amazon.com/console/home?region=ap-south-1#

aws Services Search [Alt+S] Mumbai sonu

## Console Home Info

Reset to default layout + Add widgets

### Recently visited Info

- EC2
- IAM**
- CloudShell
- CloudWatch
- S3
- CloudFront
- Route 53

View all services

### Applications (0) Info

Region: Asia Pacific (Mumbai)

Create application

ap-south-1 (Current Region) Find applications < 1 >

Name	Description	Region	Originating account
No applications			

Get started by creating an application.

Create application

Go to myApplications

### Welcome to AWS

Getting started with AWS

### AWS Health Info

Open issues

### Cost and usage Info

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ENG IN 17:09 16-07-2024 PRE

Dashboard | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/home

Services Search [Alt+S]

Global sonu

## Identity and Access Management (IAM)

Search IAM

### IAM Dashboard

#### Security recommendations

- ⚠ Add MFA for root user  
Add MFA for root user - Enable multi-factor authentication (MFA) for the root user to improve security for this account. [Add MFA](#)
- ✔ Root user has no active access keys  
Using access keys attached to an IAM user instead of the root user improves security.

#### IAM resources

User groups	Users	Roles	Policies	Identity providers
0	1	2	0	0

What's new [View all](#)

AWS Account

Account ID: 339712798117

Account Alias: Create

Sign-in URL for IAM users in this account: <https://339712798117.signin.aws.amazon.com/console>

#### Quick Links

[My security credentials](#)  
Manage your access keys, multi-factor authentication (MFA) and other credentials.

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ENG IN 17:09 16-07-2024 PRE

Users | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/users

Services Search [Alt+S]

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups

**Users**

Roles

Policies

Identity providers

Account settings

Access reports

Access Analyzer

External access

Unused access

Analyzer settings

Credential report

Organization activity

IAM > Users

Users (1) Info

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

Search

C Delete Create user

User name Path Groups Last activity MFA Password age Console last sign-in

User name	Path	Groups	Last activity	MFA	Password age	Console last sign-in
sonu	/	0	27 minutes ago	-	21 days	July 16, 2024, 16:42 (

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Search

ENG IN 17:09 16-07-2024

User name	Path	Groups	Last activity	MFA	Password age	Console last sign-in
sonu	/	0	27 minutes ago	-	21 days	July 16, 2024, 16:42 (

Create user | IAM | Global    x +

us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/users/create

aws Services Search [Alt+S]

IAM > Users > Create user

Step 1 Specify user details

Step 2 Set permissions

Step 3 Review and create

## 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.](#)

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](#)

Cancel Next

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Search

ENG IN 17:10 16-07-2024 PRE

Set Up a Basic AWS Environment

Create user | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/users/create

aws Services Search [Alt+S]

IAM > Users > Create user

Step 1 Specify user details

Step 2 Set permissions

Step 3 Review and create

Step 4 Retrieve password

## Specify user details

User details

User name

rushi

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 Keypairs, 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.

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ENG IN 17:10 16-07-2024 PRE

Create user | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/users/create

Services Search [Alt+S]

Retrieve password

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](#).

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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 Keypairs, you can generate them after you create this IAM user. [Learn more](#)**

Cancel Next

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Search

ENG IN 17:11 16-07-2024 PRE

Create user | IAM | Global    X +

us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/users/create

aws Services Search [Alt+S]

IAM > Users > Create user

Step 1 Specify user details

Step 2 Set permissions

Step 3 Review and create

Step 4 Retrieve password

## 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.

**i Get started with groups**  
Create a 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](#)

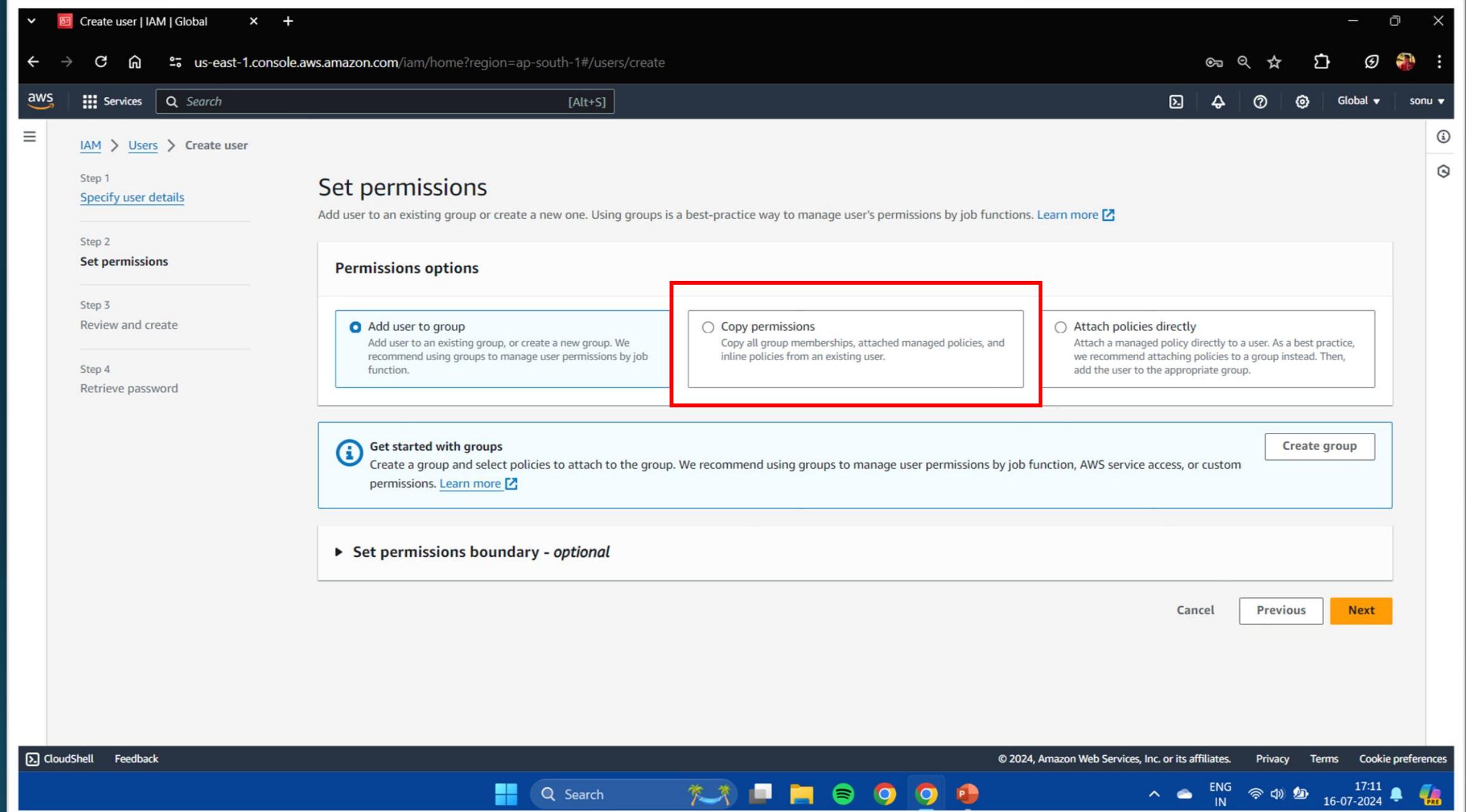
[Create group](#)

▶ Set permissions boundary - optional

Cancel Previous Next

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ENG IN 17:11 16-07-2024 PRE



Create user | IAM | Global    X +

us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/users/create

aws Services Search [Alt+S]

IAM > Users > Create user

Step 1 Specify user details

Step 2 Set permissions

Step 3 Review and create

Step 4 Retrieve password

## 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](#)

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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.

#### Users (1/1)

Search

User name	Groups	Attached policies
sonu	-	AdministratorAccess

▶ Set permissions boundary - optional

Cancel Previous Next

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ENG IN 17:13 16-07-2024 PRE

AdministratorAccess

Create user | IAM | Global    X +

us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/users/create

aws Services Search [Alt+S]

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	Console password type	Require password reset
rushi	Custom password	Yes

### Permissions summary

Name	Type	Used as
<a href="#">AdministratorAccess</a>	AWS managed - job function	Permissions policy
<a href="#">IAMUserChangePassword</a>	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.

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ENG IN 17:13 16-07-2024 PRE

Create user | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/users/create

aws Services Search [Alt+S]

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

Step 2 Set permissions

Step 3 Review and create

Step 4 Retrieve password

User details

User name rushi	Console password type Custom password	Require password reset Yes
--------------------	--	-------------------------------

Permissions summary

Name	Type	Used as
<a href="#">AdministratorAccess</a>	AWS managed - job function	Permissions policy
<a href="#">IAMUserChangePassword</a>	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.

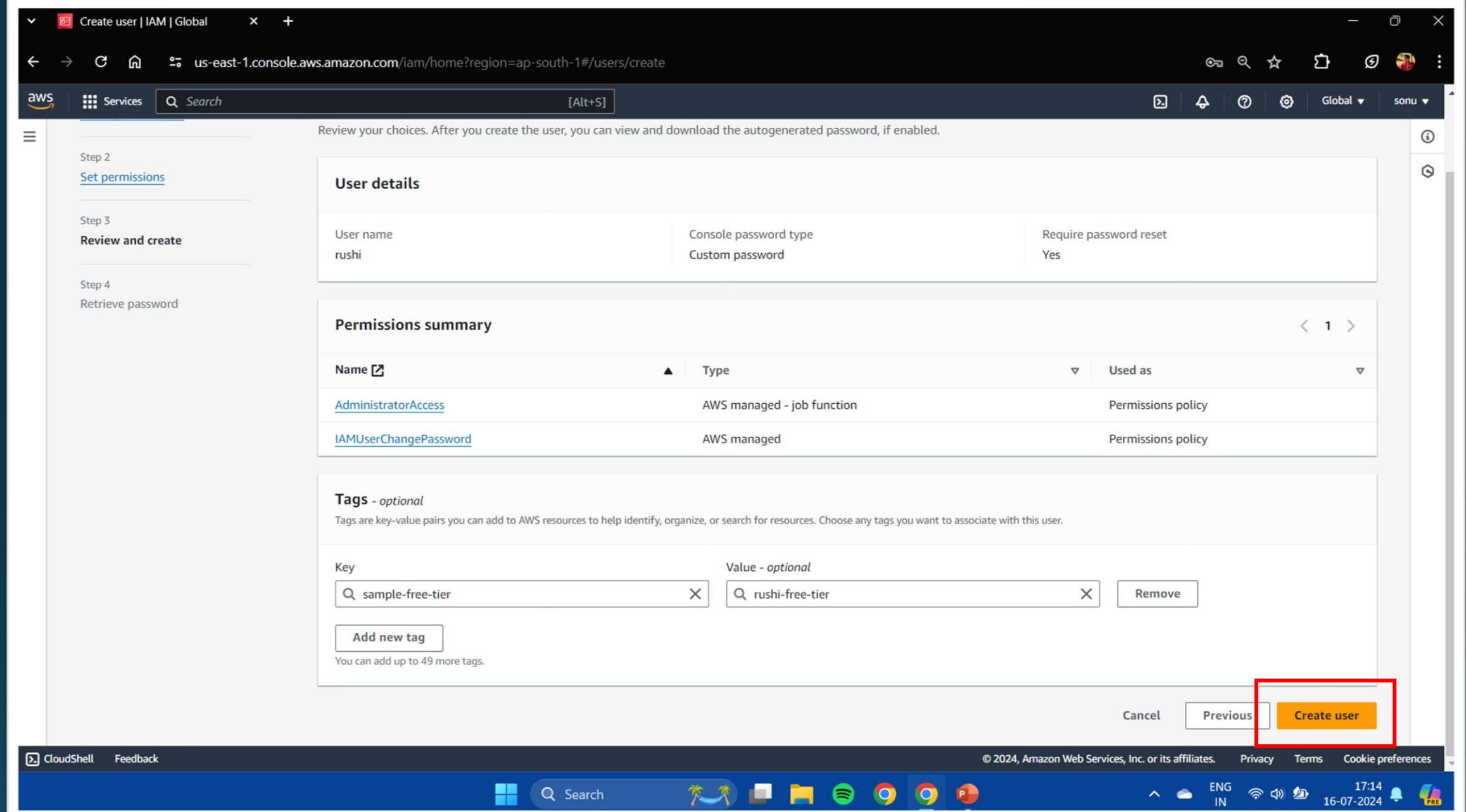
Key	Value - optional
<input type="text" value="sample-free-tier"/>	<input type="text" value="rushi-free-tier"/> <span>X</span> <span>Remove</span>
<span>Add new tag</span>	

You can add up to 49 more tags.

Cancel Previous Create user

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ENG IN 17:14 16-07-2024 PRE



Create user | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/users/create

aws Services Search [Alt+S]

User created successfully

You can view and download the user's password and email instructions for signing in to the AWS Management Console.

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://339712798117.signin.aws.amazon.com/console>

User name  
rushi

Console password  
\*\*\*\*\* Show

Email sign-in instructions

Cancel Download .csv file Return to users list

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ENG IN 17:14 16-07-2024 PRE

Dashboard | IAM | Global    X +

us-east-1.console.aws.amazon.com/iam/home?region=eu-north-1#/home

aws Services Search [Alt+S]

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

- User groups
- Users
- Roles
- Policies
- Identity providers
- Account settings

Access reports

- Access Analyzer
- External access
- Unused access
- Analyzer settings

Credential report

Organization activity

Service control policies

Related consoles

- IAM Identity Center
- AWS Organizations

Security recommendations 1

- ⚠ Add MFA for root user
- 🕒 Root user has no active access keys

Add MFA

AWS Account

- Account ID: 339712798117
- Account Alias: Create
- Sign-in URL: https://339712798117.signin.aws.amazon.com/console

IAM resources

User groups	Users	Roles	Policies	Identity providers
0	2	2	0	0

What's new

- AWS IAM Access Analyzer now offers policy checks for public and critical resource access. 1 month ago
- AWS IAM Access Analyzer now offers recommendations to refine unused access. 1 month ago
- AWS Launches Console-based Bulk Policy Migration for Billing and Cost Management Console Access. 1 month ago
- IAM Roles Anywhere now supports modifying the mapping of certificate attributes. 3 months ago

View all

CloudShell Feedback

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The screenshot shows the AWS IAM Dashboard. A red box highlights the 'Users' and 'Roles' sections in the 'IAM resources' summary table, which both show a count of 2. The left sidebar contains navigation links for various IAM features like User groups, Roles, Policies, and Access Analyzer. The right sidebar includes sections for AWS Account details, Quick Links (My security credentials), and Tools (Policy simulator). The bottom navigation bar includes CloudShell, Feedback, and various system status icons.

Users | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=eu-north-1#users

aws Services Search [Alt+S]

Identity and Access Management (IAM)

IAM > Users

Users (2) Info

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

Search

User name Path Group Last activity MFA Password age Console last sign-in Access key ID

User name	Path	Group	Last activity	MFA	Password age	Console last sign-in	Access key ID
rushi	/	0	3 minutes ago	-	4 minutes	July 16, 2024, 17:27 (...)	-
sonu	/	0	48 minutes ago	-	21 days	July 16, 2024, 16:42 (...)	-

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ENG IN 17:31 16-07-2024 PRE

Create user | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/users/create

aws Services Search [Alt+S]

User created successfully

You can view and download the user's password and email instructions for signing in to the AWS Management Console.

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 or download the password.

Console sign-in details

Console sign-in URL <https://339712798117.signin.aws.amazon.com/console>

User name [rushi](#)

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

Cancel Download .csv file Return to users list

Account ID: 3397-1279-8117

Account Organization Service Quotas Billing and Cost Management Security credentials Sign out

https://us-east-1.console.aws.amazon.com/iam/logout!doLogout

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ENG IN 17:14 16-07-2024 PRE

Manage AWS Resources - AWS X +

aws.amazon.com/console/

About AWS Contact Us Support English My Account Sign In to the Console

Products Solutions Pricing Documentation Learn Partner Network AWS Marketplace Customer Enablement Events Explore More Q

AWS Management Console Overview Features Mobile Application FAQs

Products > Management and Governance > Management Console

# AWS Management Console

Everything you need to access and manage the AWS Cloud — in one web interface

**Sign in**

**AWS Certification**  
Propel your career forward with AWS

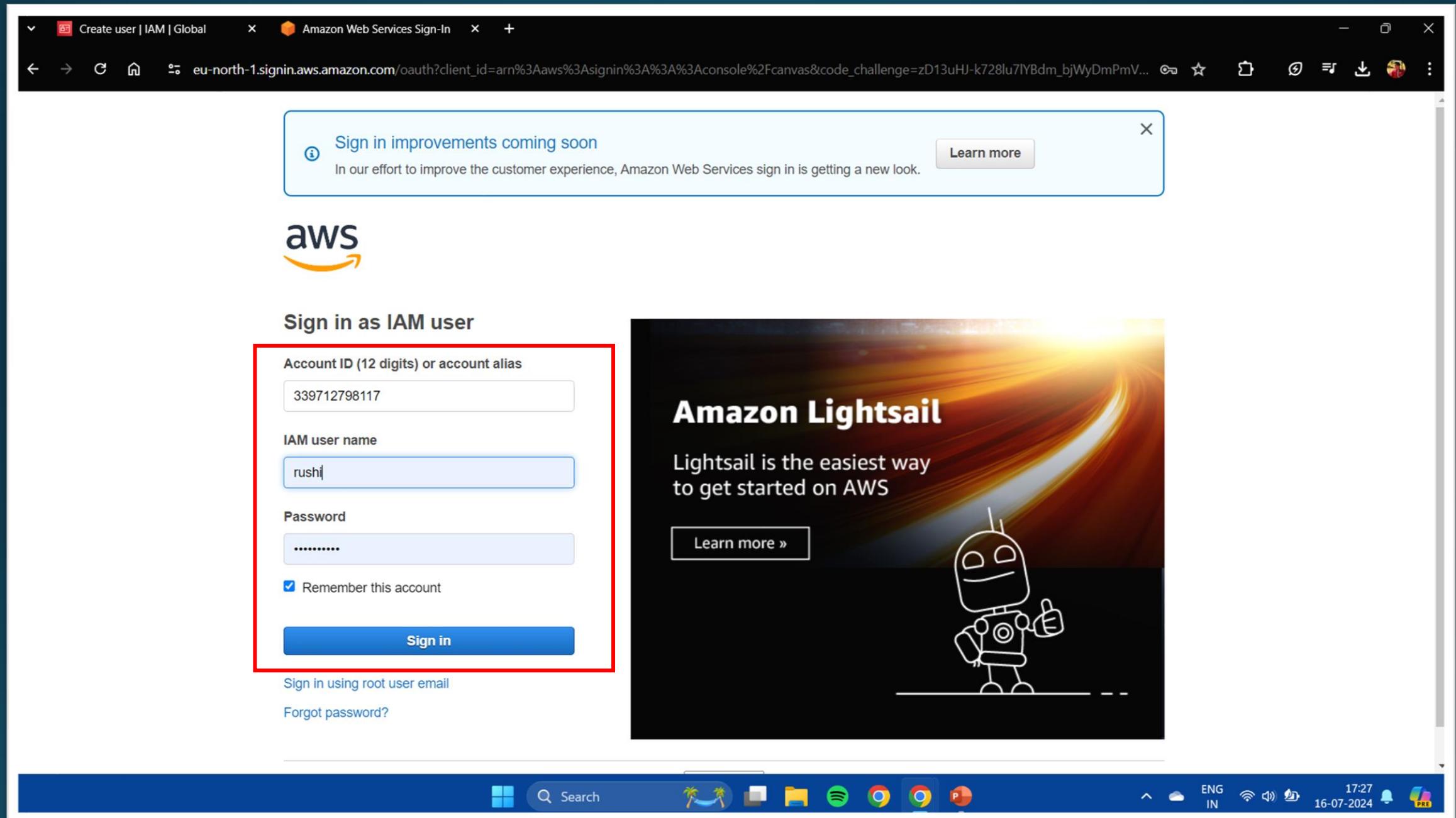
**Free AWS Training**  
Advance your career with AWS Cloud

**7 Reasons to get AWS Certified**  
Discover the top 7 reasons to get AWS

**AWS Training**  
Free digital courses to help you develop

Hi, I can connect you with an AWS representative or answer questions you have on AWS.

17:15 16-07-2024 ENG IN PRE



The screenshot shows the AWS Console Home page. At the top, there are two tabs: "Console Home | Console Home" and "Console Home | Console Home". The main header includes the AWS logo, a search bar with placeholder text "[Alt+S]", and a user dropdown menu for "Stockholm" and "rushi @ 3397-1279-8117". A red box highlights the user dropdown menu.

The left sidebar contains a "Recently visited" section with links to VPC, CloudWatch, RDS, CloudShell, Amazon Prometheus, EC2, Lambda, Route 53, CloudFront, and S3. Below this is a "View all services" link.

The right sidebar features sections for "Applications (0)", "Region: Europe (Stockholm)", and "eu-north-1 (Current Region)". It also includes a "Find applications" search bar and a "Create application" button. Other sidebar sections include "Account", "Organization", "Service Quotas", "Billing and Cost Management", and "Security credentials".

At the bottom, there are links for "CloudShell", "Feedback", "Welcome to AWS", "AWS Health", "Cost and usage", and "Cookie preferences". The footer includes copyright information for 2024, links for "Privacy", "Terms", and "Cookie preferences", and a system status bar with icons for ENG IN, 17:30, 16-07-2024, and PRE.

aws cli - Google Search

google.com/search?q=aws+cli&oq=aws+cli&gs\_lcrp=EgZjaHJvbWUyFAgAEEUYORhDGIMBGLEDGIAEGloFMgwIARAjGCcYgAQYigUyDAgCECMYJxiABBiKBTIGCAMQRg8...

Google aws cli

All Images Videos Shopping News Maps Books More Tools

Install Download Login Latest version Windows Update Commands GitHub S3

This search may be relevant to recent activity: aws cli iam

Your Search activity | Feedback

**Amazon Web Services**  
https://aws.amazon.com › cli

**Command Line Interface - AWS CLI**

The **AWS Command Line Interface (CLI)** provides a unified tool to manage your AWS services directly from the command line.

**Install or update to the latest ...**  
Instructions to install or update the AWS CLI on your system.

**Get started**  
Set up the AWS CLI - Prerequisites - Install a past release - ...

**What is the AWS Command ...**  
The AWS CLI version 2 is the most recent major version of the AWS ...

**CLI Command Reference**  
AWS CLI Command Reference| The AWS Command Line ...

**Install, update, and uninstall ...**  
Get started - Windows - Linux - macOS - ...

Set Up a Basic AWS Environment

17:46 16-07-2024 ENG IN

Install or update to the latest version

docs.aws.amazon.com/cli/latest/userguide/getting-started-install.html

Contact Us English Return to the Console

AWS Documentation AWS Command Line Interface User Guide for Version 2 Feedback Preferences

## AWS CLI install and update instructions

For installation instructions, expand the section for your operating system.

- ▶ Linux
- ▶ macOS
- ▶ Windows

The Windows section is highlighted with a red rectangle.

## Troubleshooting AWS CLI install and uninstall errors

If you come across issues after installing or uninstalling the AWS CLI, see [Troubleshoot AWS CLI errors](#) for troubleshooting steps. For the most relevant troubleshooting steps, see [Command not found errors](#), [The "aws --version" command returns a different version than you installed](#), and [The "aws --version" command returns a version after uninstalling the AWS CLI](#).

Next steps

Up Next

Feedback

Report a problem

Help

Set Up a Basic AWS Environment

ENG IN 17:47 16-07-2024 PRE

Install or update to the latest version

docs.aws.amazon.com/cli/latest/userguide/getting-started-install.html

Contact Us English Return to the Console

AWS Documentation AWS Command Line Interface User Guide for Version 2 Feedback Preferences

## AWS Command Line Interface

User Guide for Version 2

- About the AWS CLI
- Get started
  - Prerequisites
  - Install/Update
    - Past releases
    - Build and install from source
    - Amazon ECR Public/Docker
    - Setup
  - Configure the AWS CLI
  - Authentication and access credentials
  - Use the AWS CLI
  - Code examples
  - Security
  - Troubleshoot errors
  - Migration guide
  - Uninstall

## Install and update requirements

- We support the AWS CLI on Microsoft-supported versions of 64-bit Windows.
- Admin rights to install software

## Install or update the AWS CLI

To update your current installation of AWS CLI on Windows, download a new installer each time you update to overwrite previous versions. AWS CLI is updated regularly. To see when the latest version was released, see the [AWS CLI version 2 Changelog](#) on GitHub

- Download and run the AWS CLI MSI installer for Windows (64-bit):  
<https://awscli.amazonaws.com/AWSCLIV2.msi>  
Alternatively, you can run the `msiexec` command to run the MSI installer.  

```
C:\> msiexec.exe /i https://awscli.amazonaws.com/AWSCLIV2.msi
```

For various parameters that can be used with `msiexec`, see [msiexec](#) on the Microsoft Docs website. For example, you can use the `/qn` flag for a silent installation.  

```
C:\> msiexec.exe /i https://awscli.amazonaws.com/AWSCLIV2.msi /qn
```
- To confirm the installation, open the Start menu, search for `cmd` to open a command prompt window, and at the command prompt use the `aws --version` command.

On this page

AWS CLI install and update instructions  
Troubleshooting AWS CLI install and uninstall errors  
Next steps

Like Dislike Share

ENG IN 17:47 16-07-2024 PRE

Install or update to the latest version

docs.aws.amazon.com/cli/latest/userguide/getting-started-install.html

## AWS Command Line Interface

### Install and update requirements

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For various parameters that can be used with `msiexec`, see [msiexec](#) on the Microsoft Docs website. For example, you can use the `/qn` flag for a silent installation.  
`C:\> msiexec.exe /i https://awscli.amazonaws.com/AWSCLIV2.msi /qn`

- To confirm the installation, open the **Start** menu, search for `cmd` to open a command prompt window, and at the command prompt use the `aws --version` command.

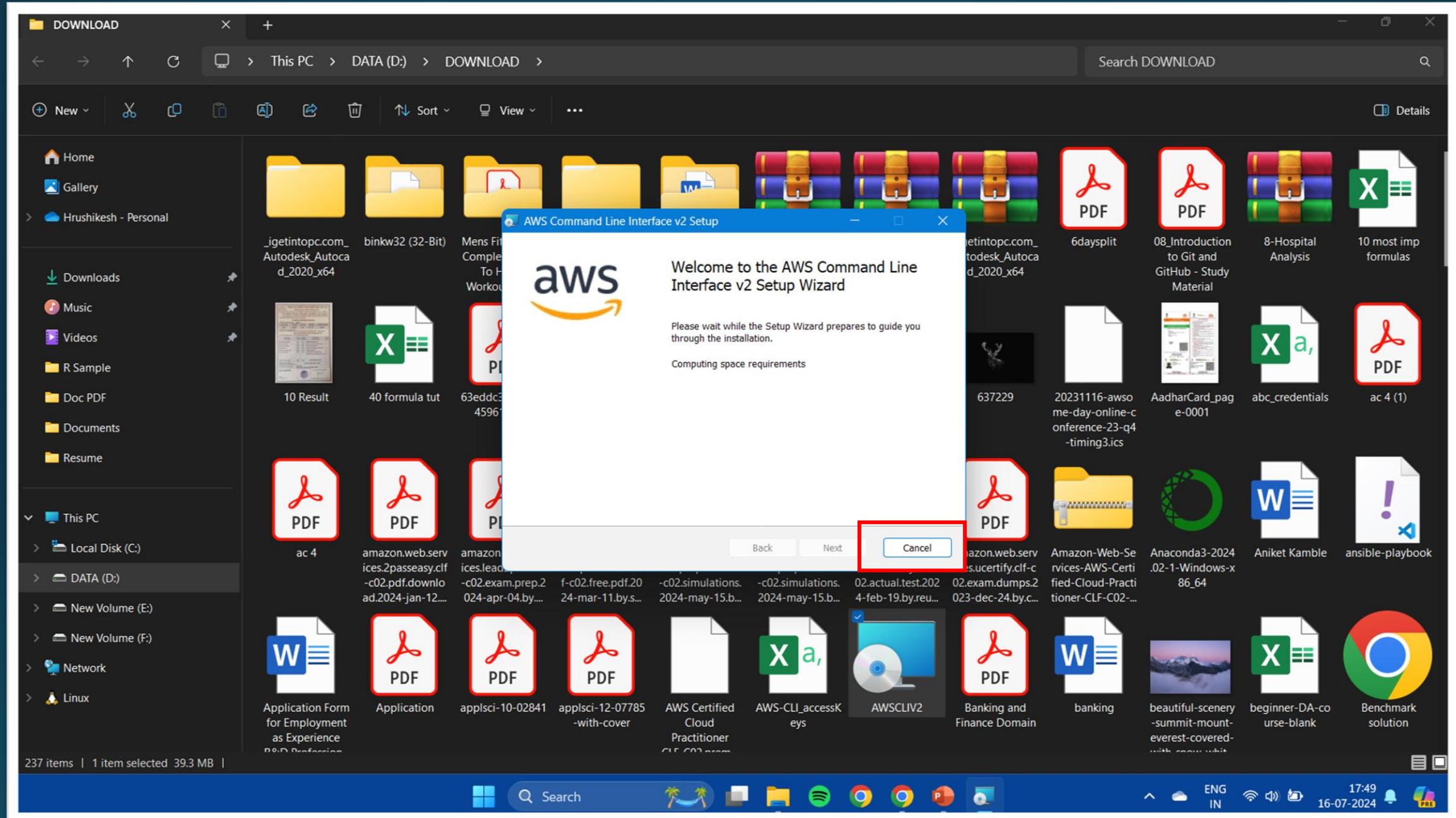
Recent download history  
AWSCLIV2 (1).msi  
39.3 MB • Done

Full download history

AWS CLI install and update instructions  
Troubleshooting AWS CLI install and uninstall errors  
Next steps

Uninstall

ENG IN 16-07-2024 17:48 PRE



Install or update to the latest version

docs.aws.amazon.com/cli/latest/userguide/getting-started-install.html

Contact Us English Return to the Console

AWS Documentation AWS Command Line Interface User Guide for Version 2 Feedback Preferences

**AWS Command Line Interface**

User Guide for Version 2

About the AWS CLI

Get started

Prerequisites

**Install/Update**

Past releases

Build and install from source

Amazon ECR Public/Docker

Setup

Configure the AWS CLI

Authentication and access credentials

Use the AWS CLI

Code examples

Security

Troubleshoot errors

Migration guide

Uninstall

**Install and update requirements**

We support the following operating systems:

- Windows 10 or later
- macOS 10.14 or later
- Ubuntu 18.04 or later
- CentOS 7 or later
- RHEL 7 or later
- Debian 9 or later
- Fedora 28 or later
- Arch Linux
- AlmaLinux 8.0 or later
- SUSE Linux Enterprise Server 15 SP2 or later
- Rocky Linux 8.0 or later
- OpenSUSE Tumbleweed
- OpenSUSE Leap 15.5 or later
- OpenSUSE Leap 15.4 or later
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- OpenSUSE 0.03 or later
- OpenSUSE 0.02 or later
- OpenSUSE 0.01 or later
- OpenSUSE 0.00 or later

Welcome to the AWS Command Line Interface v2 Setup Wizard

The Setup Wizard will install AWS Command Line Interface v2 on your computer. Click Next to continue or Cancel to exit the Setup Wizard.

Each time you run the command, it will check for the latest version.

Install or update requirements

To update your current version of the AWS CLI, click **Next** to begin the update process. If you do not want to update, click **Cancel**.

1. Download and run the AWS CLI setup file from the Microsoft Store. You can also download it from the AWS CLI GitHub repository.

C:\> msieexec /i https://awscli.amazonaws.com/AWSCLIV2.msi /qn

Back Next Cancel

For various parameters that can be used with msieexec, see [msieexec](#) on the Microsoft Docs website. For example, you can use the /qn flag for a silent installation.

C:\> msieexec.exe /i https://awscli.amazonaws.com/AWSCLIV2.msi /qn

2. To confirm the installation, open the Start menu, search for cmd to open a command prompt window, and at the command prompt use the aws --version command.

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Install or update to the latest version

docs.aws.amazon.com/cli/latest/userguide/getting-started-install.html

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## AWS Command Line Interface

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### Install and update requirements

AWS Command Line Interface v2 Setup

End-User License Agreement

Please read the following license agreement carefully

AWS Command Line Interface

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<http://aws.amazon.com/apache2.0/>

I accept the terms in the License Agreement

C:\> msieexec

Print Back Next Cancel

For various parameters that can be used with `msiexec`, see [msiexec](#) on the Microsoft Docs website. For example, you can use the `/qn` flag for a silent installation.

C:\> `msiexec.exe /i https://awscli.amazonaws.com/AWSCLIV2.msi /qn`

2. To confirm the installation, open the Start menu, search for cmd to open a command prompt window, and at the command prompt use the `aws --version` command.

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Set Up a Basic AWS Environment

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Install or update to the latest version

docs.aws.amazon.com/cli/latest/userguide/getting-started-install.html

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### Install and update requirements

AWS Command Line Interface v2 Setup

Custom Setup

Select the way you want features to be installed.

Click the icons in the tree below to change the way features will be installed.

To update your current version of the AWS CLI, click the Update button. To update to overwriting the existing version, see the instructions below. If a new version was released, see the instructions below.

1. Download and run the AWS CLI setup file from the following URL:  
<https://awscli.amazonaws.com/AWSCLIV2.msi>

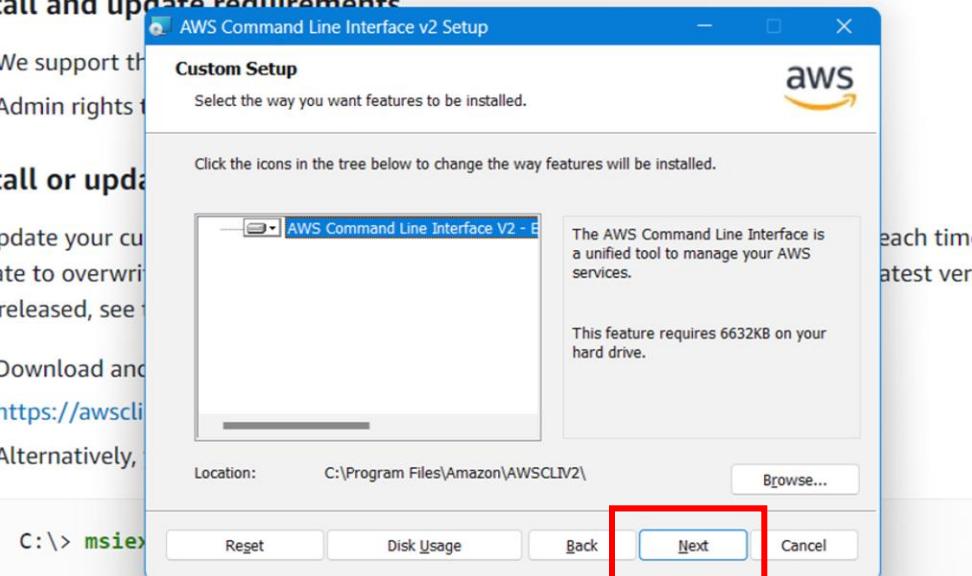
Alternatively, you can run the following command in a command prompt:

C:\> msieexec

For various parameters that can be used with msieexec, see [msieexec](#) on the Microsoft Docs website. For example, you can use the /qn flag for a silent installation.

C:\> msieexec.exe /i https://awscli.amazonaws.com/AWSCLIV2.msi /qn

2. To confirm the installation, open the Start menu, search for cmd to open a command prompt window, and at the command prompt use the aws --version command.



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- AWS CLI install and update instructions
- Troubleshooting AWS CLI install and uninstall errors
- Next steps

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Install or update to the latest version

docs.aws.amazon.com/cli/latest/userguide/getting-started-install.html

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### Install and update requirements

AWS Command Line Interface v2 Setup

Ready to install AWS Command Line Interface v2

Click Install to begin the installation. Click Back to review or change any of your installation settings. Click Cancel to exit the wizard.

each time you update to the latest version

1. Download and run msieexec.exe

`C:\> msieexec`

Back **Install** Cancel

For various parameters that can be used with `msiexec`, see [msiexec](#) on the Microsoft Docs website. For example, you can use the `/qn` flag for a silent installation.

`C:\> msieexec.exe /i https://awscli.amazonaws.com/AWSCLIV2.msi /qn`

2. To confirm the installation, open the Start menu, search for cmd to open a command prompt window, and at the command prompt use the `aws --version` command.

On this page

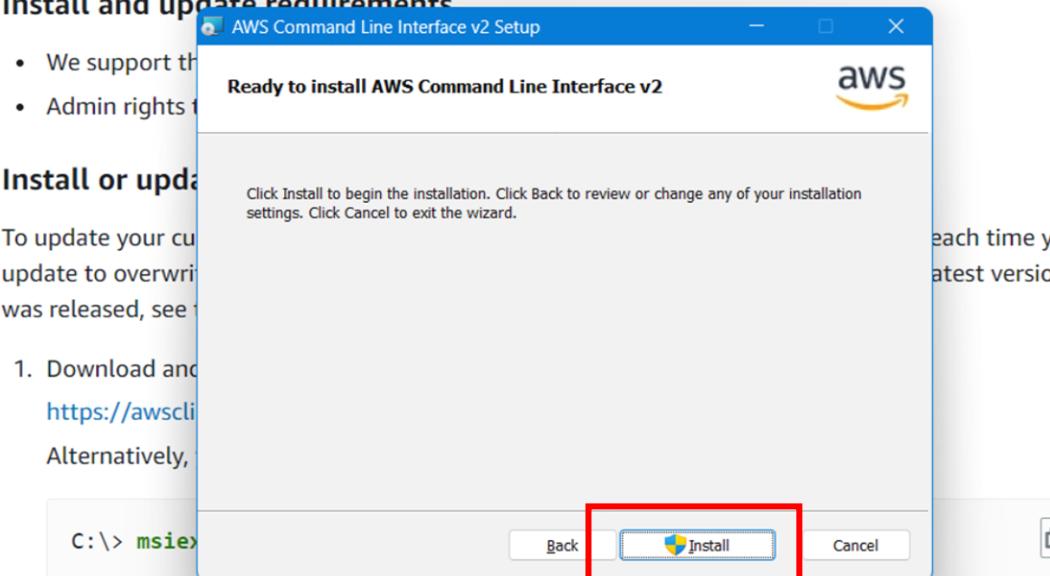
AWS CLI install and update instructions

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Install or update to the latest version

docs.aws.amazon.com/cli/latest/userguide/getting-started-install.html

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AWS Documentation AWS Command Line Interface User Guide for Version 2 Feedback Preferences

## AWS Command Line Interface

User Guide for Version 2

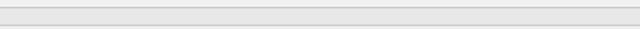
- About the AWS CLI
- Get started
  - Prerequisites
  - Install/Update
    - Past releases
    - Build and install from source
    - Amazon ECR Public/Docker
    - Setup
  - Configure the AWS CLI
  - Authentication and access credentials
  - Use the AWS CLI
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  - Migration guide
  - Uninstall

### Install and update requirements

We support the latest version of the AWS CLI. Admin rights are required to install the AWS CLI.

### Install or update

Please wait while the Setup Wizard installs AWS Command Line Interface v2.

Status: 

Each time you update to the latest version, the Setup Wizard will run automatically.

1. Download and run the AWS CLI setup file from <https://awscli.amazonaws.com/AWSCLIV2.msi>. Alternatively, you can use the msieexec command:

```
C:\> msieexec
```

Cancel

For various parameters that can be used with msieexec, see [msieexec](#) on the Microsoft Docs website. For example, you can use the /qn flag for a silent installation.

```
C:\> msieexec.exe /i https://awscli.amazonaws.com/AWSCLIV2.msi /qn
```

2. To confirm the installation, open the Start menu, search for cmd to open a command prompt window, and at the command prompt use the aws --version command.

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Set Up a Basic AWS Environment

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Install or update to the latest version

docs.aws.amazon.com/cli/latest/userguide/getting-started-install.html

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**AWS Command Line Interface**

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**Install and update requirements**

AWS Command Line Interface v2 Setup

Completed the AWS Command Line Interface v2 Setup Wizard

Click the Finish button to exit the Setup Wizard.

To update your current version of the AWS CLI, click the Update button. To update to overwriting the existing version, click the Overwrite button. If a new version was released, see the [AWS CLI release notes](#).

1. Download and run the AWS CLI setup file from the following URL:  
<https://awscli.amazonaws.com/AWSCLIV2.msi>  
Alternatively, you can use the msieexec command to run the setup file:

C:\> msieexec /i https://awscli.amazonaws.com/AWSCLIV2.msi /qn

Each time you run the msieexec command, it will check for updates to the AWS CLI. You can also run the command to check for updates at any time.

For various parameters that can be used with msieexec, see [msieexec](#) on the Microsoft Docs website. For example, you can use the /qn flag for a silent installation.

C:\> msieexec.exe /i https://awscli.amazonaws.com/AWSCLIV2.msi /qn

2. To confirm the installation, open the Start menu, search for cmd to open a command prompt window, and at the command prompt use the aws --version command.

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AWS CLI install and update instructions

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Like

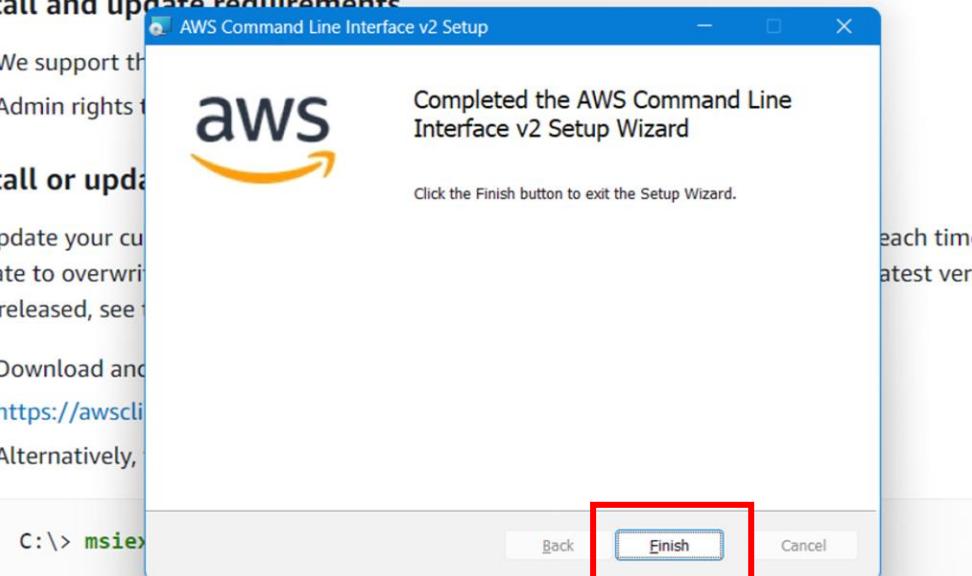
Dislike

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Feedback

Report a problem

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Security credentials | IAM | Global X +

us-east-1.console.aws.amazon.com/iam/home#/security\_credentials?section=IAM\_credentials

AWS Services Search [Alt+S]

AWS IAM credentials AWS CodeCommit credentials Amazon Keypaces credentials

Identity and Access Management (IAM) X

Search IAM

Console sign-in

Update console password

Console sign-in link: https://339712798117.signin.aws.amazon.com/console

Console password: Updated 1 hour ago (2024-07-16 17:26 GMT+5:30)

Last console sign-in: 58 minutes ago (2024-07-16 17:35 GMT+5:30)

Multi-factor authentication (MFA) (0)

Remove Resync Assign MFA device

Type Identifier Certifications Created on

No MFA devices. Assign an MFA device to improve the security of your AWS environment

Assign MFA device

Access keys (0)

Create access key

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The screenshot shows the AWS IAM Security Credentials page. The left sidebar includes sections for Identity and Access Management (IAM), Access management, Access reports, and Organization activity. The main content area displays the 'AWS IAM credentials' tab, showing 'Console sign-in' details like a sign-in link and password history. It also shows 'Multi-factor authentication (MFA)' status and 'Access keys (0)' status. A red box highlights the 'Create access key' button under the 'Access keys' section.

Create access key | IAM | Global X +

us-east-1.console.aws.amazon.com/iam/home#/security\_credentials/access-key-wizard

aws Services Search [Alt+S]

IAM > Security credentials > Create access key

Step 1  
Access key best practices & alternatives

Step 2 - optional  
Set description tag

Step 3  
Retrieve access keys

## Access key best practices & alternatives Info

Avoid using long-term credentials like access keys to improve your security. Consider the following use cases and alternatives.

**Use case**

Command Line Interface (CLI)  
You plan to use this access key to enable the AWS CLI to access your AWS account.

Local code  
You plan to use this access key to enable application code in a local development environment to access your AWS account.

Application running on an AWS compute service  
You plan to use this access key to enable application code running on an AWS compute service like Amazon EC2, Amazon ECS, or AWS Lambda to access your AWS account.

Third-party service  
You plan to use this access key to enable access for a third-party application or service that monitors or manages your AWS resources.

Application running outside AWS  
You plan to use this access key to authenticate workloads running in your data center or other infrastructure outside of AWS that needs to access your AWS resources.

Other  
Your use case is not listed here.

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Create access key | IAM | Global X +

us-east-1.console.aws.amazon.com/iam/home#/security\_credentials/access-key-wizard

aws Services Search [Alt+S]

IAM > Security credentials > Create access key

Step 1  
Access key best practices & alternatives

Step 2 - optional  
Set description tag

Step 3  
Retrieve access keys

### Set description tag - optional Info

The description for this access key will be attached to this user as a tag and shown alongside the access key.

Description tag value  
Describe the purpose of this access key and where it will be used. A good description will help you rotate this access key confidently later.

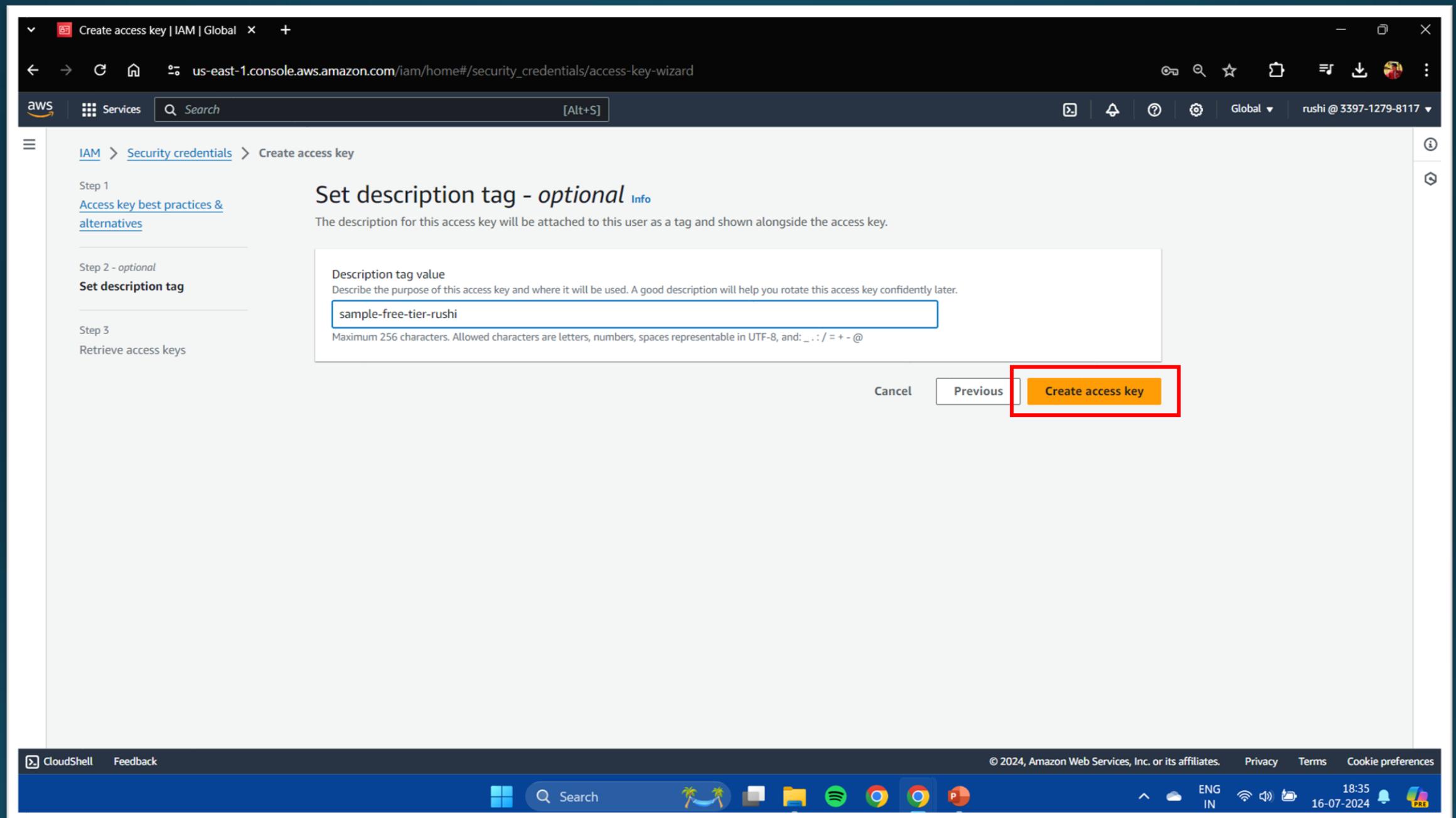
sample-free-tier-rushi

Maximum 256 characters. Allowed characters are letters, numbers, spaces representable in UTF-8, and: \_ . : / = + - @

Cancel Previous **Create access key**

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Create access key | IAM | Global X +

us-east-1.console.aws.amazon.com/iam/home#/security\_credentials/access-key-wizard

aws Services Search [Alt+S]

Access key created  
This is the only time that the secret access key can be viewed or downloaded. You cannot recover it later. However, you can create a new access key any time.

IAM > Security credentials > Create access key

Step 1  
Access key best practices & alternatives

Step 2 - optional  
Set description tag

Step 3  
Retrieve access keys

## Retrieve access keys Info

**Access key**  
If you lose or forget your secret access key, you cannot retrieve it. Instead, create a new access key and make the old key inactive.

Access key	Secret access key
AKIAU6GDV5WS7KGMWHXI	***** Show

**Access key best practices**

- Never store your access key in plain text, in a code repository, or in code.
- Disable or delete access key when no longer needed.
- Enable least-privilege permissions.
- Rotate access keys regularly.

For more details about managing access keys, see the [best practices for managing AWS access keys](#).

Download .csv file Done

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```
MINGW64:/c/Users/kondh/.aws
```

```
kondh@HRISHIKESH MINGW64 ~/aws
$ aws configure
AWS Access Key ID [*****WHXI]:
AWS Secret Access Key [*****XG+M]:
Default region name [ap-south-1]:
Default output format [json]:
```

```
kondh@HRISHIKESH MINGW64 ~/aws
$ cd .aws
bash: cd: .aws: No such file or directory
```

```
kondh@HRISHIKESH MINGW64 ~/aws
$ ls
config  credentials
```

```
kondh@HRISHIKESH MINGW64 ~/aws
$
```



ENG  
IN 20:15  
16-07-2024 PRE