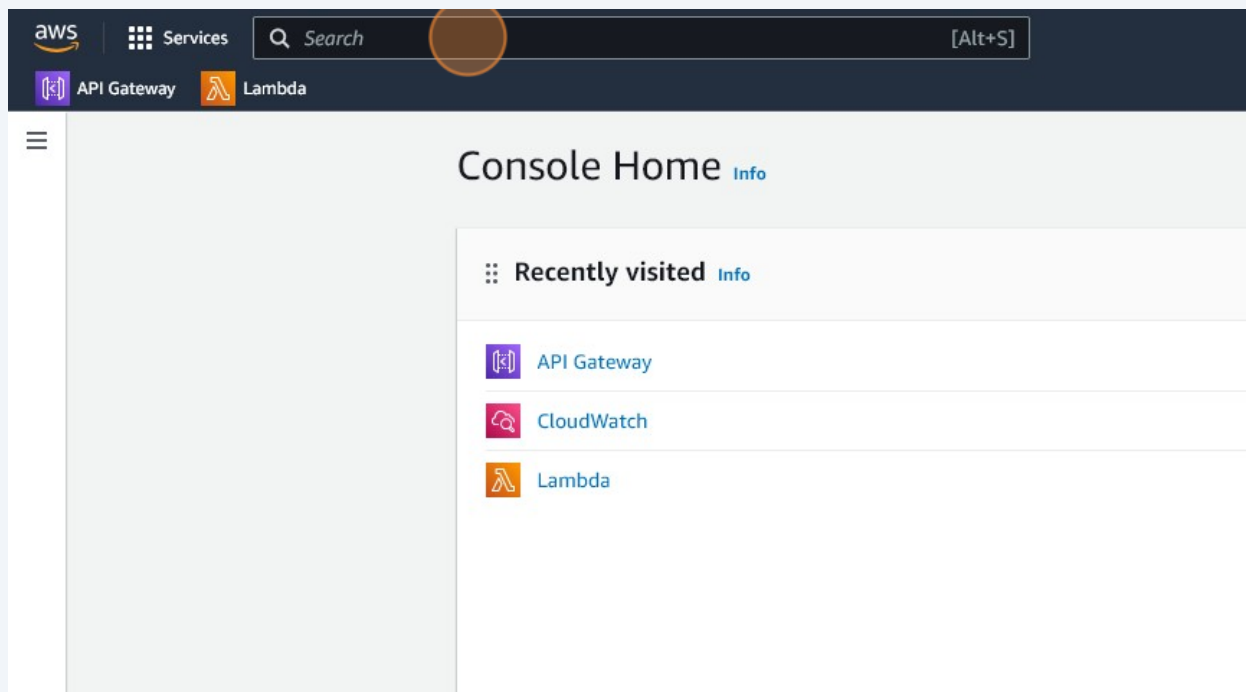# Create AWS IAM User and Access Key Tutorial

1 Navigate to **https://ap-southeast-2.console.aws.amazon.com/console/home?region=ap-southeast-2#**
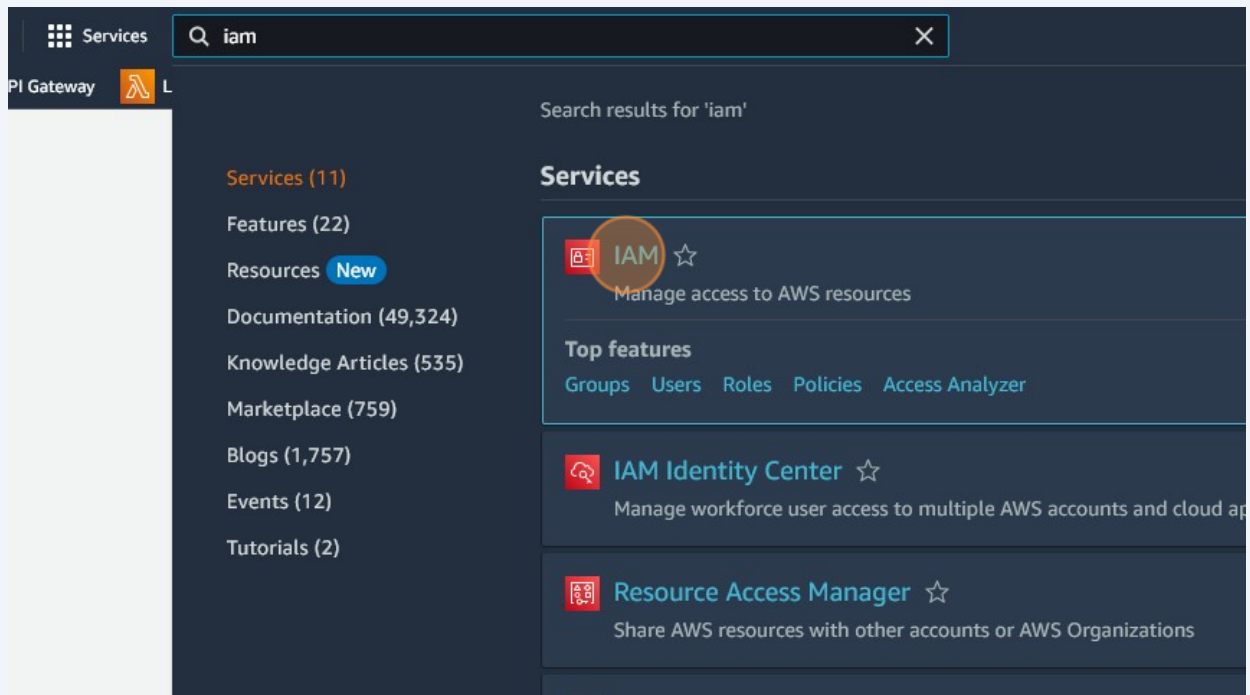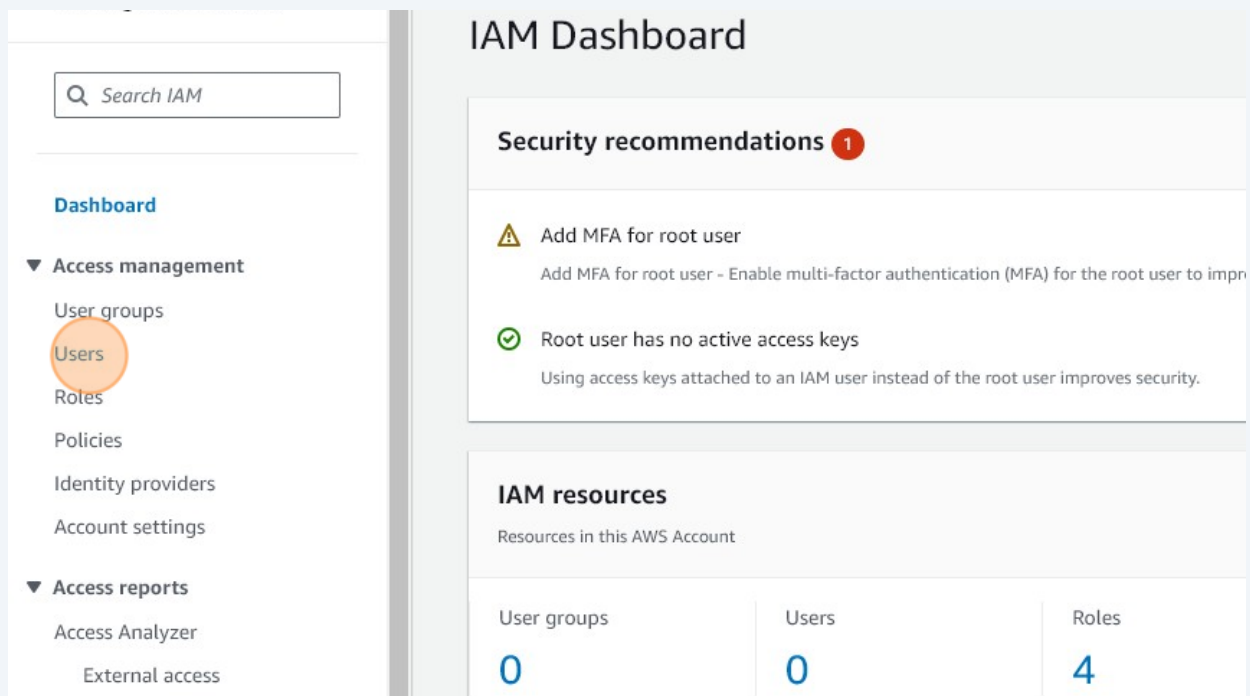
2 Click the "Search" field.
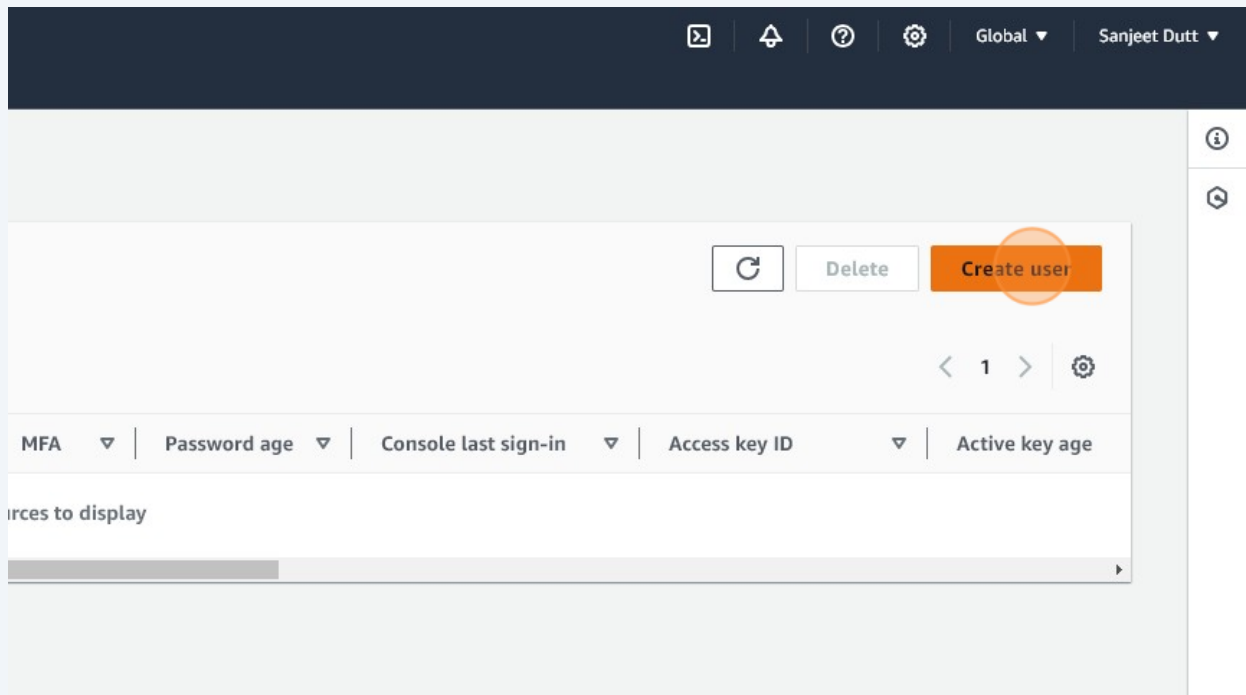

3 Type "iam"

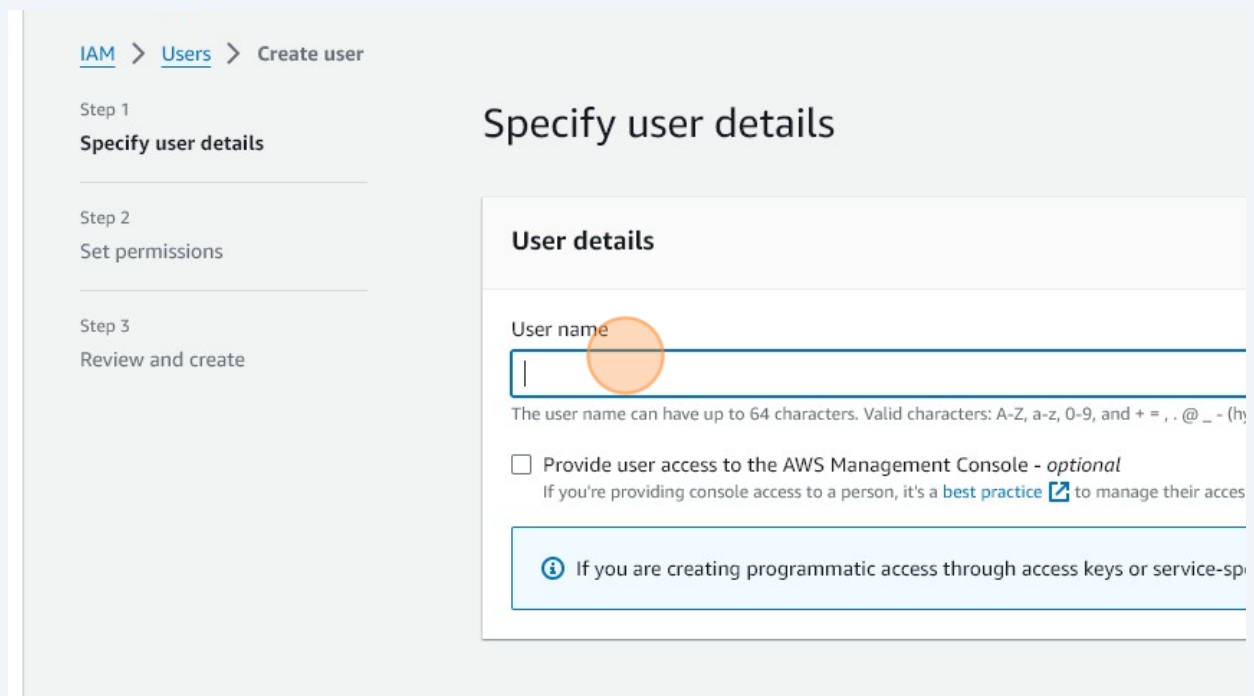**4** Click "IAM"

5 Click "Users"

6 Click "Create user"

7 Click the "User name" field.

8   Type "serverless-admin"

9   Click "Next"

CodeCommit or Amazon Keyspaces, you can generate them after you create this IAM user. Learn more ↗

Cancel   Next

10   Click this radio button.

nage user's permissions by job functions. Learn more ⬚

permissions   ○ Attach policies directly
ll group memberships, attached managed policies, and inline   Attach a managed policy directly to a user. As a best practice, we
from an existing user.   recommend attaching policies to a group instead. Then, add the user to the
                                      appropriate group.

oups to manage user permissions by job function, AWS service access, or custom permissions. Learn more ⬚

Create group

11   Click the "Search" field.

w and create   ○ Add user to group   ○ Copy permi
                                Add user to an existing group, or create a new group. We recommend   Copy all grou
                                using groups to manage user permissions by job function.   policies from

Permissions policies (1179)

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

Filter by

Q Search   All typ

☐   Policy name ⬚   ▲ │ Type

☐   ⊞ 🟧 AccessAnalyzerServiceRolePolicy   AWS mana

☐   ⊞ 🟧 AdministratorAccess   AWS mana

☐   ⊞ 🟧 AdministratorAccess-Amplify   AWS mana

☐   ⊞ 🟧 AdministratorAccess-AWSElasticBeanstalk   AWS mana
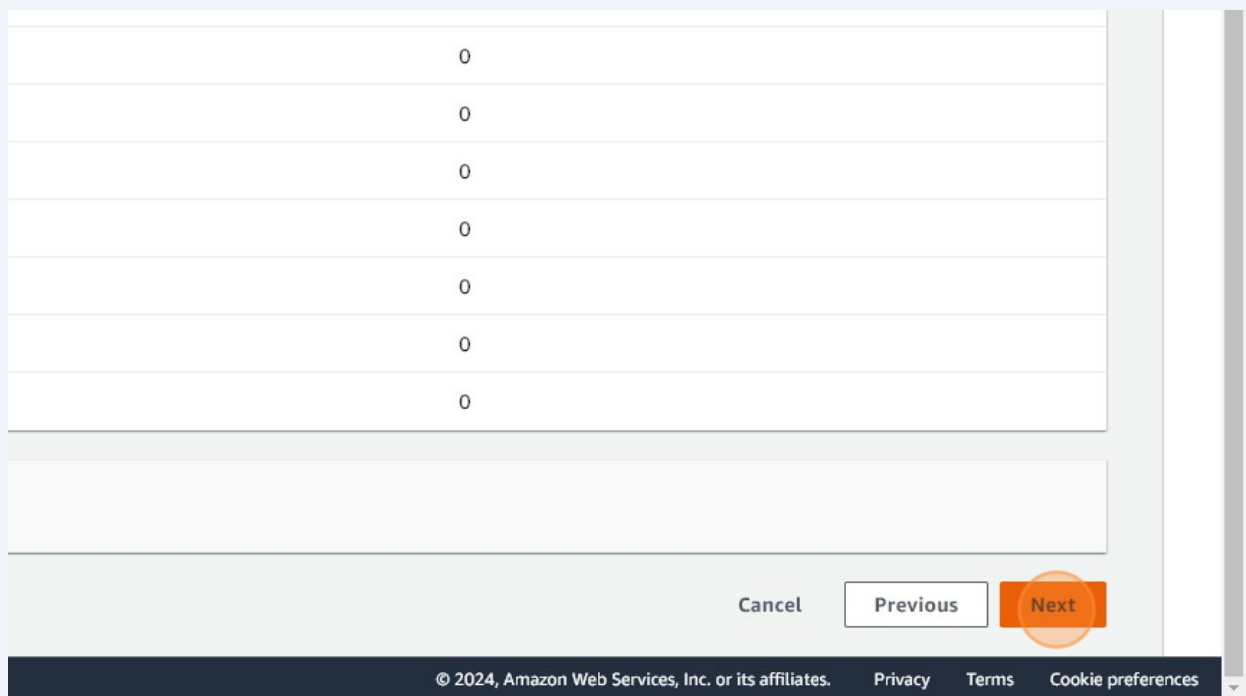
12 Click this checkbox.

Permissions policies (1179)

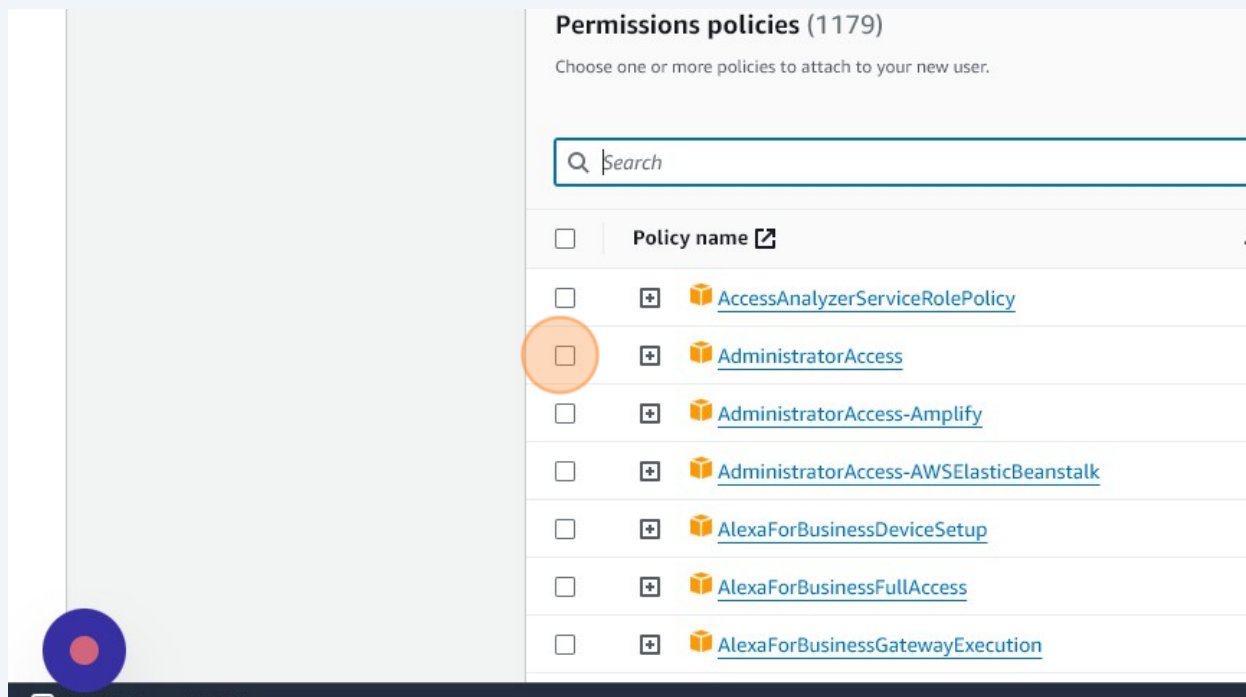Choose one or more policies to attach to your new user.

🔍 Search

	Policy name 🔗
☐	⊞ 📦 AccessAnalyzerServiceRolePolicy
☐	⊞ 📦 AdministratorAccess
☐	⊞ 📦 AdministratorAccess-Amplify
☐	⊞ 📦 AdministratorAccess-AWSElasticBeanstalk
☐	⊞ 📦 AlexaForBusinessDeviceSetup
☐	⊞ 📦 AlexaForBusinessFullAccess
☐	⊞ 📦 AlexaForBusinessGatewayExecution

13 Click "Next"

	0
	0
	0
	0
	0
	0
	0

Cancel   Previous   **Next**

14   Click "Create user"

Used as

Permissions policy

want to associate with this user.

Cancel   Previous   **Create user**

15   Click "serverless-admin"

Search IAM

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Access reports

Access Analyzer

     External access

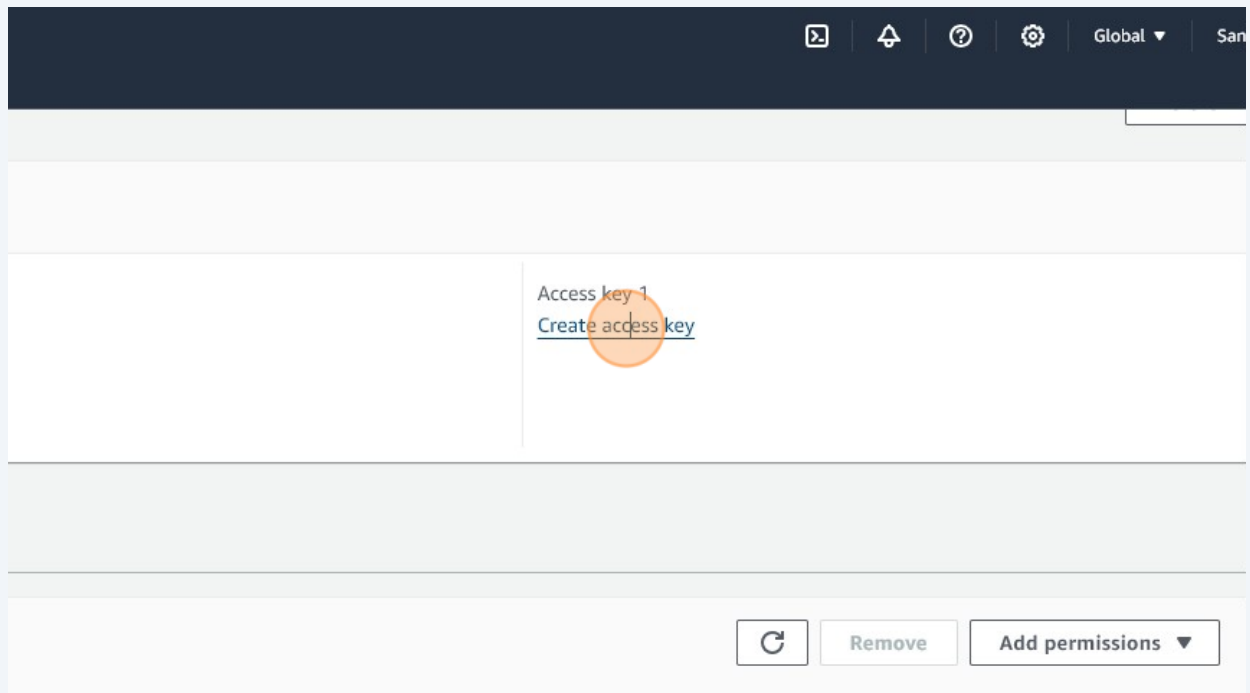   Unused access

     Analyzer settings

IAM / Users

Users (1/1) 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 ▽	Groups ▽
☑	serverless-admin	/	0

16 Click "Create access key"

Access key 1
Create access key

Remove   Add permissions ▼

17 Click "Command Line Interface (CLI)"

way Lambda

M > Users > serverless-admin > Create access key

ep 1
ccess key best practices &
ternatives

ep 2 - optional
t description tag

ep 3
trieve access keys

Access key best practices & alternatives Info

Avoid using long-term credentials like access keys to improve your security. Consider the follo

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 a

○ 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
access your AWS account.

18 Click "I understand the above recommendation and want to proceed to create an access key."

○ Application running outside AWS
You plan to use this access key to authenticate workloads running in your data center or other infr
your AWS resources.

○ Other
Your use case is not listed here.

⚠ **Alternatives recommended**
- Use AWS CloudShell, a browser-based CLI, to run commands. Learn more ↗
- Use the AWS CLI V2 and enable authentication through a user in IAM Identity

Confirmation

☐ I understand the above recommendation and want to proceed to create an access key.

ll   Feedback

19 Click "Next"

f AWS that needs to access

re ↗

Cancel   Next

© 2024, Amazon Web Services, Inc. or its affiliates.   Privacy   Terms   Cookie preferences

20 Click the "Description tag value" field.

less-admin > Create access key

&

Set description tag - *optional* Info

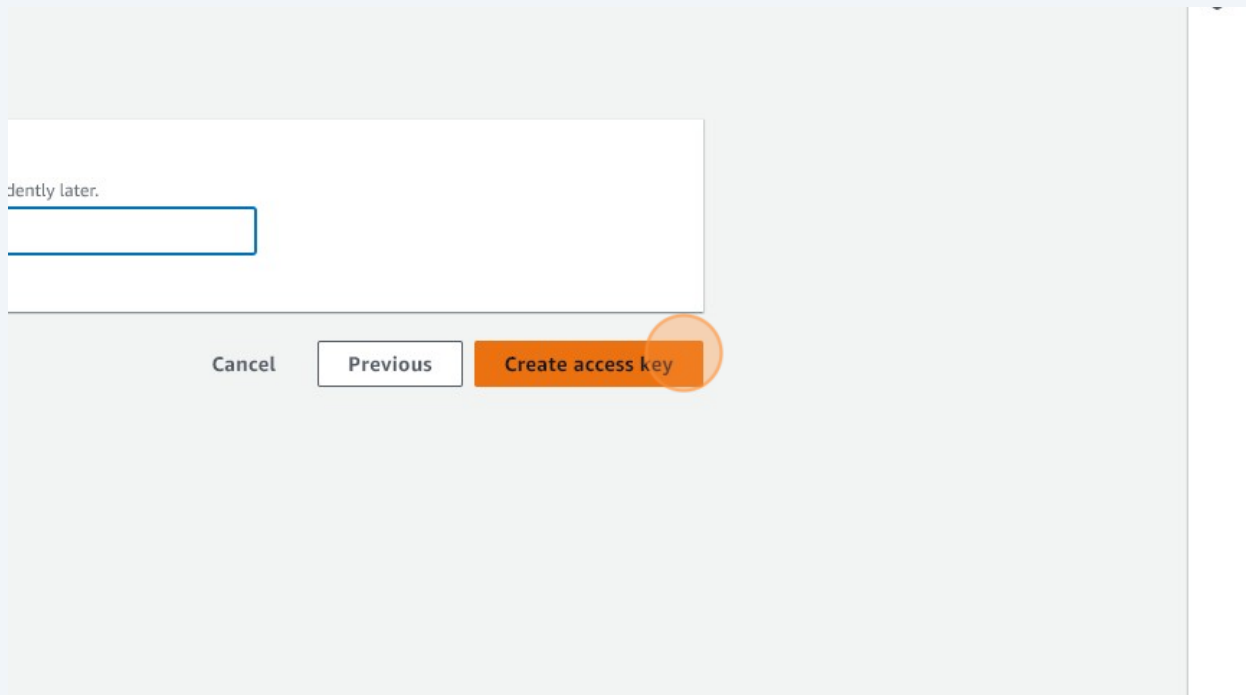The description for this access key will be attached to this user as a tag and shown alongside the access key.

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 l

|

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

21 Type "Access key for serverless admin user"

22 Click "Create access key"

dently later.

Cancel   Previous   **Create access key**

23 Click "Download .csv file"

s keys.

Download .csv file   **Done**

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24 Do env setup.

https://docs.aws.amazon.com/cli/latest/userguide/cli-configure-envvars.html

AWS_ACCESS_KEY_ID Access_Key_By_AWS

AWS_SECRET_ACCESS_KEY Secret_Access_Key_By_AWS

AWS_DEFAULT_REGION Get the region from url