

# AWS IAM

Sreeram Anil

ACE:11631

The screenshot shows the 'Select MFA device' page in the AWS IAM console. The left sidebar indicates 'Step 1: Select MFA device' and 'Step 2: Set up device'. The main content area has a title 'Select MFA device' with an 'Info' link. Below the title, there are two sections: 'MFA device name' and 'MFA device'. The 'MFA device name' section has a text input field containing 'Sreeram' and a note: 'Enter a meaningful name to identify this device. Maximum 128 characters. Use alphanumeric and "+", ".", "@", "-", "\_" characters.' The 'MFA device' section has a heading 'Select an MFA device to use, in addition to your username and password, whenever you need to authenticate.' and a radio button selected for 'Authenticator app'. Below this, there is a description: 'Authenticate using a code generated by an app installed on your mobile device or computer.' The footer shows 'CloudShell', 'Feedback', and copyright information for Amazon Web Services, Inc. or its affiliates.

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Step 1  
Select MFA device

Step 2  
Set up device

## Select MFA device Info

**MFA device name**

Device name  
Enter a meaningful name to identify this device.

Sreeram

Maximum 128 characters. Use alphanumeric and "+", ".", "@", "-", "\_" characters.

**MFA device**

Select an MFA device to use, in addition to your username and password, whenever you need to authenticate.

☒ Authenticator app

Authenticate using a code generated by an app installed on your mobile device or computer.

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The screenshot shows the 'Set up device' page in the AWS IAM console. The left sidebar indicates 'Step 1: Select MFA device' and 'Step 2: Set up device'. The main content area has a title 'Set up device' with an 'Info' link. Below the title, there is a section 'Authenticator app' with a description: 'A virtual MFA device is an application running on your device that you can configure by scanning a QR code.' Below this, there are two numbered steps: 1. 'Install a compatible application such as Google Authenticator, Duo Mobile, or Authy app on your mobile device or computer. See a list of compatible applications' with a link icon. 2. 'Open your authenticator app, choose Show QR code on this page, then use the app to scan the code. Alternatively, you can type a secret key. Show secret key' with a link icon. The footer shows 'CloudShell', 'Feedback', and copyright information for Amazon Web Services, Inc. or its affiliates.

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IAM > Security credentials > Assign MFA device

Step 1  
Select MFA device

Step 2  
Set up device

## Set up device Info

**Authenticator app**

A virtual MFA device is an application running on your device that you can configure by scanning a QR code.

- 1 Install a compatible application such as Google Authenticator, Duo Mobile, or Authy app on your mobile device or computer. [See a list of compatible applications](#)
- 2 Open your authenticator app, choose **Show QR code** on this page, then use the app to scan the code. Alternatively, you can type a secret key. [Show secret key](#)

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Identity and Access Management (IAM)

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IAM > Security credentials

My security credentials

Root user

Info

The root user has access to all AWS resources in this account, and we recommend following [best practices](#). To learn more about the types of AWS credentials and how they're used, see [AWS Security Credentials](#) in AWS General Reference

Account details

Edit account name, email, and password

Account name

sreeram.anil

Email address

sreeram.anil@aspiresys.com

AWS account ID

730335209411

Canonical user ID

7e8b40dd0d42aa8240d5028046754ae8e9ff47c2253fe869edb1e3e976f0414

Multi-factor authentication (MFA) (1)

Remove

Resync

Assign MFA device

Use MFA to increase the security of your AWS environment. Signing in with MFA requires an authentication code from an MFA device. Each user can have a maximum of 8 MFA devices assigned. [Learn more](#)

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Identity and Access Management (IAM)

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IAM > Multi-factor authentication (MFA) (1)

Remove

Resync

Assign MFA device

Use MFA to increase the security of your AWS environment. Signing in with MFA requires an authentication code from an MFA device. Each user can have a maximum of 8 MFA devices assigned. [Learn more](#)

Device type	Identifier	Certifications	Created on
<input type="radio"/> Virtual	arn:aws:iam::730335209411:mfa/Sreeram	Not Applicable	Now

Access keys (0)

Create access key

Use access keys to send programmatic calls to AWS from the AWS CLI, AWS Tools for PowerShell, AWS SDKs, or direct AWS API calls. You can have a maximum of two access keys (active or inactive) at a time. [Learn more](#)

Access key ID	Created on	Access key last used	Region last used	Service last used	Status
No access keys					

As a best practice, avoid using long-term credentials like access keys. Instead, use tools which provide short term credentials. [Learn more](#)

Create access key

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Identity and Access Management (IAM)

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IAM > Users

Users (0)

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

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User name

Path

Group

Last activity

MFA

No resources to display

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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

Sreeram

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

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IAM > Users > Set permissions

Step 3  
Review and create

## 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.

📘

**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

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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

IAM > Users

Users (1) Info

Refresh

Delete

Create user

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

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⚙️

<input type="checkbox"/>	User name	Path	Groups	Last activity	MFA
<input type="checkbox"/>	Sreeram	/	0	-	-







