

Task: 1 Setup MFA

The screenshot shows the AWS IAM Dashboard. On the left, the navigation menu includes sections like Access management, IAM resources, and What's new. The main area displays security recommendations, including a warning to add MFA for the root user and a note about active access keys. It also shows summary statistics for User groups (2), Users (1), Roles (2), Policies (0), and Identity providers (0). To the right, there's a sidebar for the AWS Account (Account ID: 851725257835) and a Quick Links section with a link to My security credentials.

The screenshot shows the 'Assign MFA device' wizard, Step 1: Select MFA device. It asks for a 'MFA device name' (AWS-MFA) and provides two options for the 'MFA device': 'Authenticator app' (selected) and 'Security Key'. Both options describe how to authenticate using a code generated by an app or a YubiKey.

Chrome File Edit View History Bookmarks Profiles Tab Window Help

Dashboard | IAM | Global Assign MFA device | IAM | Global

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

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aws Services Search [Option+S]

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.

 Security Key
Authenticate using a code generated by touching a YubiKey or other supported FIDO security key.

 Hardware TOTP token
Authenticate using a code displayed on a hardware Time-based one-time password (TOTP) token.

Cancel Next

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Chrome File Edit View History Bookmarks Profiles Tab Window Help

Dashboard | IAM | Global Assign MFA device | IAM | Global

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

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aws Services Search [Option+S]

Authenticator app

Step 2 Set up device

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](#)

3 Fill in two consecutive codes from your MFA device.

MFA code 1

MFA code 2

Cancel Previous Add MFA

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Chrome File Edit View History Bookmarks Profiles Tab Window Help

Dashboard | IAM | Global Dashboard | IAM | Global

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

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aws Services Search [Option+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 (SCPs)

CloudShell Feedback

IAM > Dashboard

IAM Dashboard

Security recommendations

- Root user has MFA
- Having multi-factor authentication (MFA) for the root user improves security for this account.
- Root user has no active access keys
- Using access keys attached to an IAM user instead of the root user improves security.

IAM resources

Resources in this AWS Account

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

What's new

Updates for features in IAM

View all

AWS Account

Account ID: 851725257835

Account Alias: Create

Sign-in URL for IAM users in this account: https://851725257835.signin.aws.amazon.co m/console

Quick Links

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

Tools

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The screenshot shows the AWS IAM Dashboard. On the left, there's a sidebar with navigation links for IAM, Access management, Access reports, and more. The main area displays security recommendations (root user has MFA, root user has no active access keys), IAM resources (2 user groups, 1 user, 2 roles, 0 policies, 0 identity providers), and a 'What's new' section. On the right, there are panels for the AWS Account (Account ID: 851725257835, Account Alias: Create, Sign-in URL: https://851725257835.signin.aws.amazon.com/console), Quick Links (My security credentials), and Tools. The bottom right corner includes copyright information and links for Privacy, Terms, and Cookie preferences.

Task : 2 Create an IAM User account on AWS

The screenshot shows a web browser window for Chrome on a Mac OS X desktop. The URL in the address bar is aws.amazon.com/free/. The page title is "Free Cloud Computing Services". The main content is the "AWS Free Tier" landing page, featuring a large blue header with the AWS logo and navigation links like "Products", "Solutions", "Pricing", etc. Below the header is a dark background with a wavy pattern of blue dots. In the center, the text "AWS Free Tier" is displayed in white, followed by "Gain free, hands-on experience with the AWS products and services". A prominent orange button labeled "Create a Free Account" is centered. At the bottom of the page, there's a "Learn more about AWS Free Tier" link with a small info icon.

The screenshot shows a web browser window for Chrome on a Mac OS X desktop. The URL in the address bar is portal.aws.amazon.com/billing/signup#/start/otp. The page title is "AWS Console - Signup". The main content is the "Sign up for AWS" page. It features a "Confirm you are you" section with a verification code input field containing "532948" and a "Verify" button. Below this is a "Resend code" button. To the left, there's a "Explore Free Tier products with a new AWS account." section and a "To learn more, visit aws.amazon.com/free/" link. There's also a small illustration of a hand holding three cubes. The right side of the page has decorative blue geometric shapes at the bottom.

Chrome File Edit View History Bookmarks Profiles Tab Window Help

Mon Feb 19 7:24PM

portal.aws.amazon.com/billing/signup#/account

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aws

Sign up for AWS

Free Tier offers

All AWS accounts can explore 3 different types of free offers, depending on the product used.

- Always free**
Never expires
- 12 months free**
Start from initial sign-up date
- Trials**
Start from service activation date

Contact Information

How do you plan to use AWS?

Business - for your work, school, or organization

Personal - for your own projects

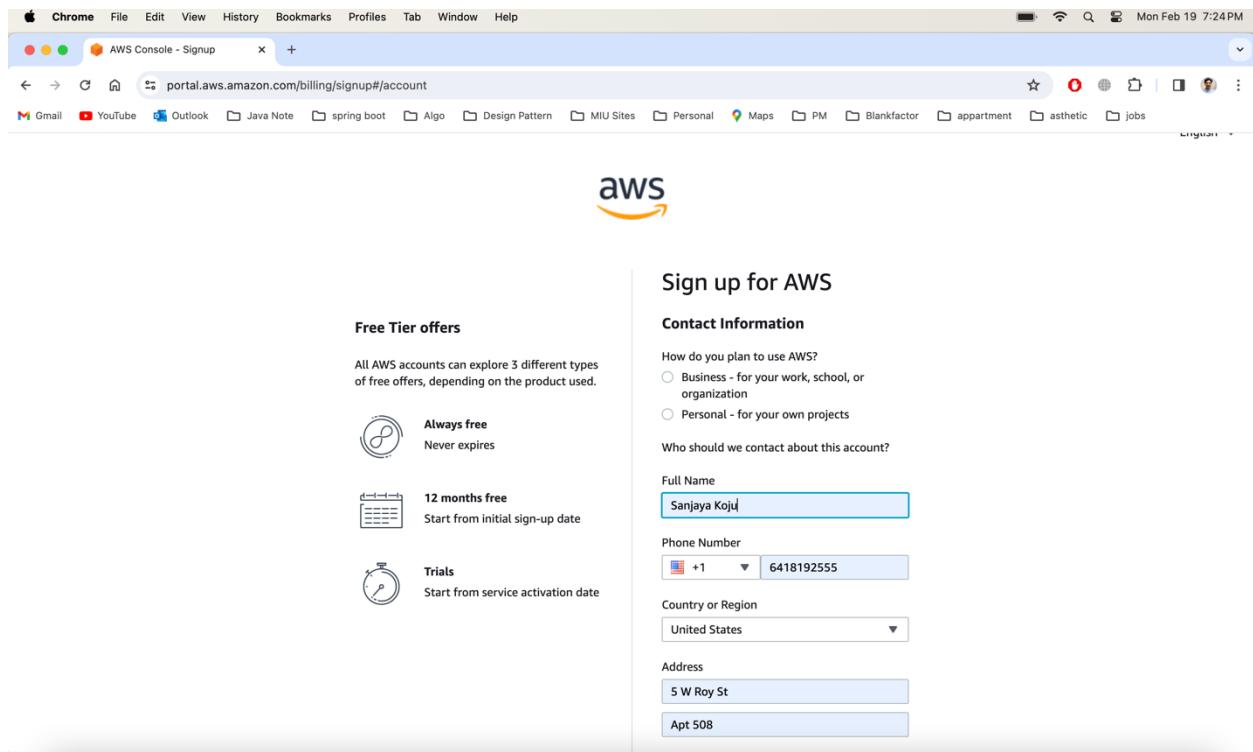
Who should we contact about this account?

Full Name: Sanjaya Kojū

Phone Number: +1 6418192555

Country or Region: United States

Address: 5 W Roy St Apt 508



Chrome File Edit View History Bookmarks Profiles Tab Window Help

Mon Feb 19 7:28PM

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

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Console Home

aws Services Search [Option+S] Reset to default layout Add widgets

Recently visited

- Systems Manager
- IAM
- CloudWatch
- S3
- Lambda
- EC2

[View all services](#)

Applications (0)

Region: US East (N. Virginia)

us-east-1 (Current Region) Find applications

Name Description Region Originating account

No applications
Get started by creating an application.

Create application

[Go to myApplications](#)

Welcome to AWS

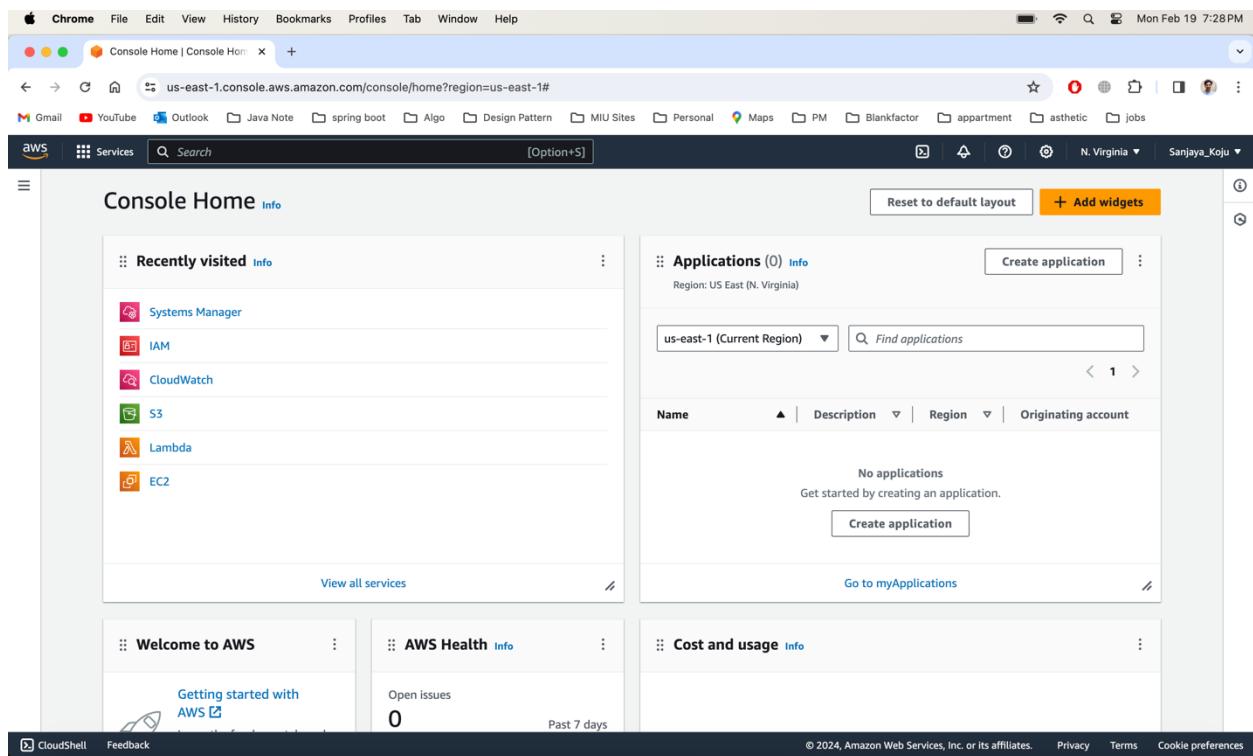
Getting started with AWS

AWS Health

Open issues 0 Past 7 days

Cost and usage

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The screenshot shows the AWS IAM console home page. The top navigation bar includes links for CloudShell, Feedback, and various AWS services like Gmail, YouTube, and Outlook. The main search bar is set to 'IAM'. The left sidebar lists 'Services (11)' under 'Features' (22), including Resources (New), Documentation (49,207), Knowledge Articles (540), Marketplace (761), Blogs (1,746), Events (12), and Tutorials (2). The main content area displays search results for 'IAM' under 'Services' and 'Features'. Under 'Services', the 'IAM' service is highlighted with a star icon, followed by 'IAM Identity Center', 'Resource Access Manager', and 'AWS App Mesh'. Under 'Features', there are sections for 'Groups' and 'IAM feature'. A sidebar on the right shows a 'Create application' button and a 'Regions' dropdown set to 'N. Virginia'. The bottom navigation bar includes links for CloudShell, Feedback, Privacy, Terms, and Cookie preferences.

The screenshot shows the AWS IAM console with the 'User groups' page open. The left sidebar shows 'Identity and Access Management (IAM)' selected. The main content area has a heading 'User groups (0) Info' with a note: 'A user group is a collection of IAM users. Use groups to specify permissions for a collection of users.' Below this is a search bar and a table with columns: Group name, Users, Permissions, and Creation time. A message at the bottom of the table says 'No resources to display'. On the right side of the table are buttons for 'Create group', 'Delete', and other actions.

Chrome File Edit View History Bookmarks Profiles Tab Window Help

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

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aws Services Search [Option+S]

Create user group

Name the group

User group name
Enter a meaningful name to identify this group.
Administrator
Maximum 128 characters. Use alphanumeric and '+-,@-_.' characters.

Add users to the group - Optional (0) Info
An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS.

Search User name Groups Last activity Creation time

No resources to display

Attach permissions policies - Optional (1/910) Info
You can attach up to 10 policies to this user group. All the users in this group will have permissions that are defined in the selected policies.

Filter by Type Search All types 1 2 3 4 5 6 7 ... 46 Groups Last activity Creation time

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Chrome File Edit View History Bookmarks Profiles Tab Window Help

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

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aws Services Search [Option+S]

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An IAM user is an entity that you create in AWS to represent the person or application that uses it to interact with AWS.

Search User name Groups Last activity Creation time

No resources to display

Attach permissions policies - Optional (1/910) Info
You can attach up to 10 policies to this user group. All the users in this group will have permissions that are defined in the selected policies.

Filter by Type All types 4 matches

Policy name	Type	Used as	Description
<input checked="" type="checkbox"/> <input type="checkbox"/> AdministratorAccess	AWS managed - job function	None	Provides full access to AWS services an...
<input type="checkbox"/> <input type="checkbox"/> AdministratorAccess----	AWS managed	None	Grants account administrative permis...
<input type="checkbox"/> <input type="checkbox"/> AdministratorAccess----	AWS managed	None	Grants account administrative permis...
<input type="checkbox"/> <input type="checkbox"/> AWSAuditManagerAd...	AWS managed	None	Provides administrative access to enab...

Cancel Create group

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Chrome File Edit View History Bookmarks Profiles Tab Window Help

Mon Feb 19 7:33PM

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

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aws Services Search [Option+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 (SCPs)

CloudShell Feedback

IAM > Users

Users (0) Info

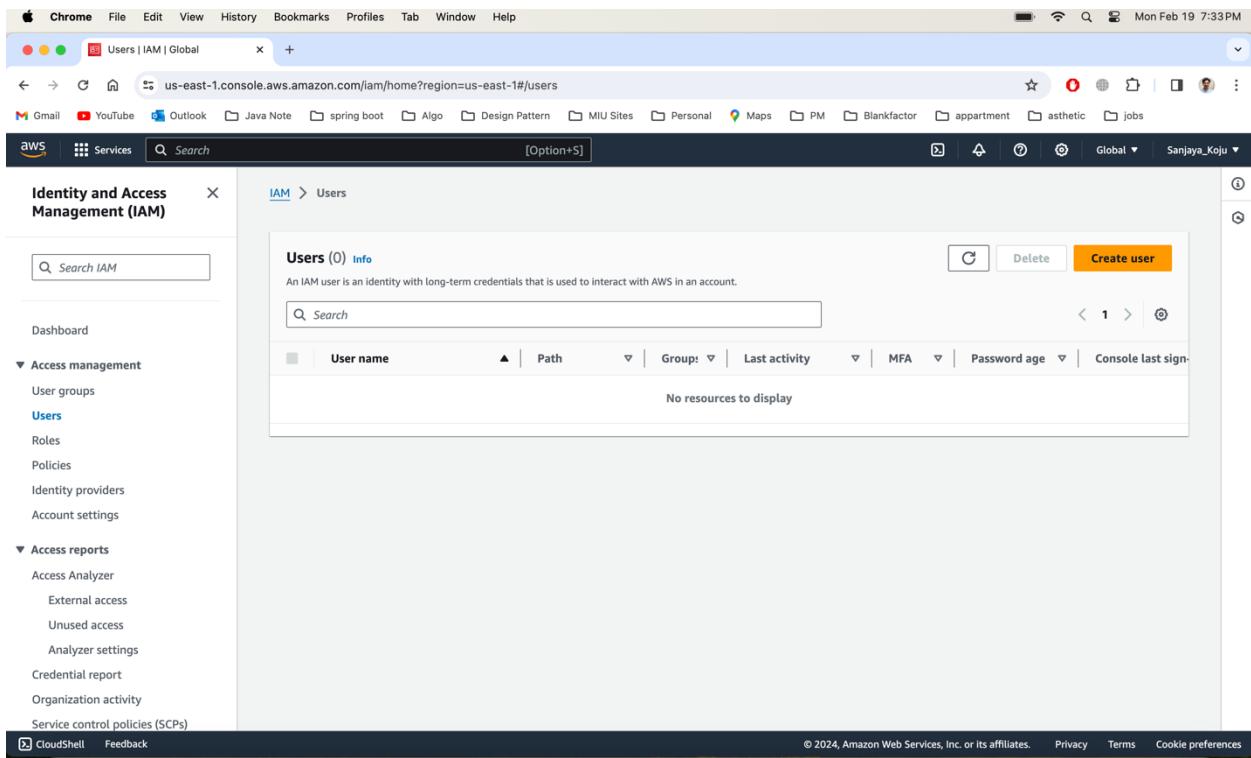
An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

Search

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

No resources to display

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Chrome File Edit View History Bookmarks Profiles Tab Window Help

Mon Feb 19 7:33PM

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

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aws Services Search [Option+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

sanjaya

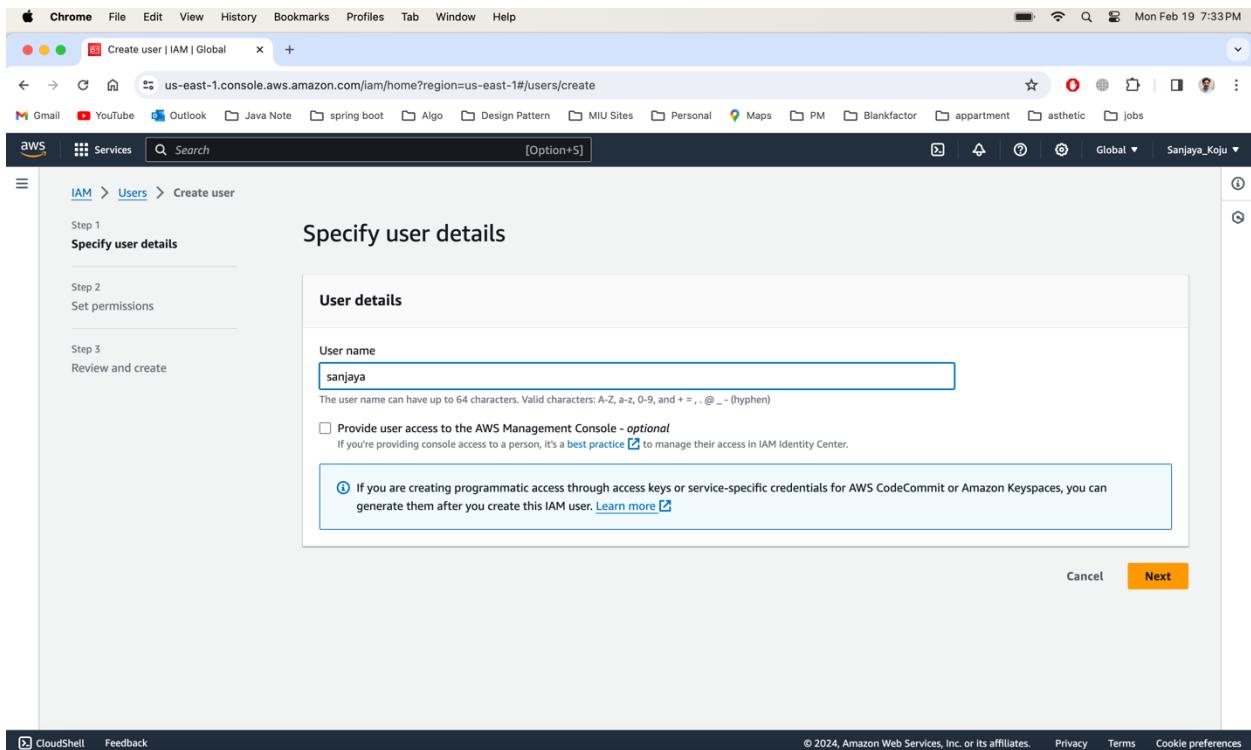
The user name can have up to 64 characters. Valid characters: A-Z, a-z, 0-9, and + = , . @ _ - (hyphen)

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

CloudShell Feedback



Chrome File Edit View History Bookmarks Profiles Tab Window Help

Create user | IAM | Global

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

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aws Services Search [Option+S]

Step 2 Set permissions

Step 3 Review and create

Step 4 Retrieve password

User details

User name: sanjaya

Provide user access to the AWS Management Console - optional

Are you providing console access to a person?

User type:

- Specify a user in Identity Center - Recommended
- I want to create an IAM user

Console password

Autogenerated password

Custom password:

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) = [{ }]

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Chrome File Edit View History Bookmarks Profiles Tab Window Help

Create user | IAM | Global

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

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aws Services Search [Option+S]

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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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

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](#)

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Chrome File Edit View History Bookmarks Profiles Tab Window Help

Create user | IAM | Global

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

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aws Services Search [Option+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.

User groups (1/2)

Search

Group name	Users	Attached policies	Created
Admin	0	AmazonRoute53AutoNamingF...	2024-02-19 (2 minutes ago)
Administrator	0	AdministratorAccess	2024-02-19 (3 minutes ago)

Create group

▶ Set permissions boundary - optional

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The screenshot shows the 'Review and create' step of the IAM user creation wizard. On the left, a sidebar lists steps: Step 1 (Specify user details), Step 2 (Set permissions), Step 3 (Review and create, which is active), and Step 4 (Retrieve password). The main area displays 'User details' for a user named 'sanjaya'. It shows the console password type as 'Custom password' and 'Require password reset' set to 'No'. Below this is a 'Permissions summary' table with one entry: 'Administrator' (Group) under 'Permissions group'. A 'Tags - optional' section indicates no tags are associated with the resource. At the bottom right are 'Cancel', 'Previous', and a prominent orange 'Create user' button.

The screenshot shows the 'Retrieve password' step of the IAM user creation wizard. A green success message at the top states 'User created successfully' and provides instructions to view and download the user's password or email sign-in instructions. The main area shows 'Console sign-in details' including the sign-in URL (<https://851725257835.signin.aws.amazon.com/console>), the user name 'sanjaya', and the console password, which is masked with asterisks. Buttons at the bottom include 'Cancel', 'Download .csv file', and a prominent orange 'Return to users list' button.

Task 3 : Setup billing alarm

Chrome File Edit View History Bookmarks Profiles Tab Window Help

Create user | IAM | Global

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

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aws Services cloudwatch

User created

Services (52)

IAM > Users

Step 1 Specify user details

Step 2 Set permissions

Step 3 Review and create user

Step 4 Retrieve password

Search results for 'cloudwa'

Services

CloudWatch Monitor Resources and Applications

Athena Serverless interactive analytics service

Amazon EventBridge Serverless service for building event-driven applications.

Cloud9 A Cloud IDE for Writing, Running, and Debugging Code

Features

CloudWatch dashboard Systems Manager feature

View user

Email sign-in instructions

Download .csv file

Return to users list

https://us-east-1.console.aws.amazon.com/cloudwatch/home?region=us-east-1

Chrome File Edit View History Bookmarks Profiles Tab Window Help

CloudWatch | us-east-1

us-east-1.console.aws.amazon.com/cloudwatch/home?region=us-east-1#home:

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aws Services Search [Option+S]

CloudWatch

Favorites and recents

CloudWatch

Overview info

1h 3h 12h 1d 1w Custom UTC timezone

Actions

Get started with CloudWatch

You don't have any alarms, metrics or default dashboard. Once you set them up they will be displayed here. [View getting started page](#)

In alarm

All alarms

Billing

Logs

Metrics

X-Ray traces

Events

Application Signals

Network monitoring

Insights

Settings

Getting Started

What's new

Get started with Application Insights info

Set up monitors and dashboards to detect issues and resolve problems with enterprise applications, databases, and workloads.

How it works

Configure Application Insights

https://us-east-1.console.aws.amazon.com/cloudwatch/home?region=us-east-1#alarmsV2:~{alarmStateFilter=~'ALARM'}

The screenshot shows the AWS CloudWatch Alarms interface. The left sidebar is titled "CloudWatch" and includes sections for Favorites and recent items, Dashboards, Alarms (with a count of 0), In alarm, All alarms, Billing, Logs, Metrics, X-Ray traces, Events, Application Signals, Network monitoring, and Insights. It also has links for Settings, Getting Started, and What's new. The main content area is titled "CloudWatch > Alarms" and shows "Alarms (0)". It features a search bar and filters for Alarm state, Alarm type, and Actions status. A prominent orange button at the bottom right says "Create alarm". Below the filters, there are columns for Name, State, Last state update, Conditions, and Actions. A message indicates "No alarms" and "No alarms to display". At the bottom, there is a link to "Read more about Alarms" and another "Create alarm" button.

The screenshot shows a browser window with the AWS CloudWatch Metrics Alarm creation interface. The URL is `us-east-1.console.aws.amazon.com/cloudwatch/home?region=us-east-1#alarmsV2:create~`. The page title is "Alarms | CloudWatch | us-east-1". The left sidebar lists steps: Step 1 (Specify metric and conditions), Step 2 (Configure actions), Step 3 (Add name and description), and Step 4 (Preview and create). The main content area is titled "Specify metric and conditions" and contains a "Metric" section with a "Select metric" button. Below it is a "Graph" section with a preview message. At the bottom right are "Cancel" and "Next" buttons.

CloudWatch Alarms | CloudWatch | us-east-1

Mon Feb 19 7:47PM

aws Services Search [Option+S]

CloudWatch > Alarms

Alarms (0) Hide Auto Scaling alarms Clear selection Create composite alarm Actions Create alarm

No alarms

No alarms to display

Read more about Alarms

Create alarm

Favorites and recent

CloudWatch Alarms In alarm All alarms Billing Logs Metrics X-Ray traces Events Application Signals Network monitoring Insights Settings Getting Started What's new

https://us-east-1.console.aws.amazon.com/cloudwatch/home?region=us-east-1#alarmsV2:~(namespace~'AWS*2fBilling')

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CloudWatch Alarms | CloudWatch | us-east-1

Mon Feb 19 7:47PM

aws Services Search [Option+S]

CloudWatch > Alarms

Billing alarms (0) Hide Auto Scaling alarms Clear selection Create composite alarm Actions Create alarm

Amazon CloudWatch can help you monitor the charges on your [AWS bill](#) by sending you email alerts when charges exceed a threshold you define.

Once you update your preferences in the Account Billing console, you will begin receiving Amazon CloudWatch metrics that reflect your month-to-date AWS charges. Then, you can create a billing alarm by specifying a spending threshold and an e-mail address to notify. [Learn more about billing alerts](#)

You get 10 free alarms and 1,000 free e-mail notifications each month as part of the [AWS Free Tier](#)

Create alarm

Favorites and recent

CloudWatch Alarms In alarm All alarms Billing Logs Metrics X-Ray traces Events Application Signals Network monitoring Insights Settings Getting Started What's new

CloudShell Feedback

https://us-east-1.console.aws.amazon.com/cloudwatch/home?region=us-east-1#alarmsV2:~(namespace~'AWS*2fBilling')

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Chrome File Edit View History Bookmarks Profiles Tab Window Help

Alarms | CloudWatch | us-east-1

us-east-1.console.aws.amazon.com/cloudwatch/home?region=us-east-1#alarmsV2:create?~(Page~'MetricSelection~AlarmType~'MetricAlarm~A...)

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aws Services Search [Option+S]

CloudWatch > Alarms > Create alarm

Step 1 Specify metric and conditions

Step 2 Configure actions

Step 3 Add name and description

Step 4 Preview and create

Metric

Graph

This alarm will trigger when the blue line goes above the red line for 1 datapoints within 6 hours.

No unit

1

0.5

0

02/13 02/15 02/17 02/19

EstimatedCharges

Namespace AWS/Billing

Metric name EstimatedCharges

Currency USD

Statistic Maximum

Period 6 hours

Conditions

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Chrome File Edit View History Bookmarks Profiles Tab Window Help

Alarms | CloudWatch | us-east-1

us-east-1.console.aws.amazon.com/cloudwatch/home?region=us-east-1#alarmsV2:create?~(Page~'MetricSelection~AlarmType~'MetricAlarm~A...)

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aws Services Search [Option+S]

Period 6 hours

Conditions

Threshold type

Static Use a value as a threshold

Anomaly detection Use a band as a threshold

Whenever EstimatedCharges is...

Define the alarm condition.

Greater > threshold

Greater/Equal >= threshold

Lower/Equal <= threshold

Lower < threshold

than...

Define the threshold value.

1 USD

Must be a number

Additional configuration

Cancel Next

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Chrome File Edit View History Bookmarks Profiles Tab Window Help

Mon Feb 19 7:48PM

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aws Services Search [Option+S]

Configure actions

Specify metric and conditions

Step 2 Configure actions

Step 3 Add name and description

Step 4 Preview and create

Notification

Alarm state trigger

Define the alarm state that will trigger this action.

In alarm The metric or expression is outside of the defined threshold.

OK The metric or expression is within the defined threshold.

Insufficient data The alarm has just started or not enough data is available.

Send a notification to the following SNS topic

Define the SNS (Simple Notification Service) topic that will receive the notification.

Select an existing SNS topic

Create new topic

Use topic ARN to notify other accounts

Create a new topic...

The topic name must be unique.

MyBillingAlarm

SNS topic names can contain only alphanumeric characters, hyphens (-) and underscores (_).

Email endpoints that will receive the notification...

Add a comma-separated list of email addresses. Each address will be added as a subscription to the topic above.

sanjayakojju42@gmail.com

user1@example.com, user2@example.com

Create topic

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Chrome File Edit View History Bookmarks Profiles Tab Window Help

Mon Feb 19 7:49PM

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aws Services Search [Option+S]

Configure actions

Specify metric and conditions

Step 3 Add name and description

Step 4 Preview and create

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Email endpoints that will receive the notification...

Add a comma-separated list of email addresses. Each address will be added as a subscription to the topic above.

sanjayakojju42@gmail.com

user1@example.com, user2@example.com

Create topic

Add notification

Lambda action

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Chrome File Edit View History Bookmarks Profiles Tab Window Help

Alarms | CloudWatch | us-east-1

us-east-1.console.aws.amazon.com/cloudwatch/home?region=us-east-1#alarmsV2:create?~(Page~Actions~AlarmType~MetricAlarm~AlarmData...)

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aws Services Search [Option+S]

CloudWatch > Alarms > Create alarm

Configure actions

Step 1 Specify metric and conditions

Step 2 Configure actions

Step 3 Add name and description

Step 4 Preview and create

Notification

Alarm state trigger Define the alarm state that will trigger this action.

In alarm The metric or expression is outside of the defined threshold.

OK The metric or expression is within the defined threshold.

Insufficient data The alarm has just started or not enough data is available.

Remove

Send a notification to the following SNS topic Define the SNS (Simple Notification Service) topic that will receive the notification.

Select an existing SNS topic

Create new topic

Use topic ARN to notify other accounts

Send a notification to...

Only topics belonging to this account are listed here. All persons and applications subscribed to the selected topic will receive notifications.

Email (endpoints) sanjayakoju42@gmail.com - View in SNS Console

Add notification

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Alarms | CloudWatch | us-east-1

us-east-1.console.aws.amazon.com/cloudwatch/home?region=us-east-1#alarmsV2:create?~(Page~Actions~AlarmType~MetricAlarm~AlarmData...)

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aws Services Search [Option+S]

Add Lambda action

Auto Scaling action

Add Auto Scaling action

EC2 action

This action is only available for EC2 Per-Instance Metrics.

Add EC2 action

Systems Manager action Info

This action will create an Incident or Opsitem in Systems Manager when the alarm is **In alarm** state.

Add Systems Manager action

Cancel Previous Next

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Mon Feb 19 7:50PM

Alarms | CloudWatch | us-east-1

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aws Services Search [Option+S]

CloudWatch > Alarms > Create alarm

Step 1 Specify metric and conditions

Step 2 Configure actions

Step 3 Add name and description

Step 4 Preview and create

Add name and description

Name and description

Alarm name

Alarm description - optional [View formatting guidelines](#)

This is an H1
double asterisks will produce strong character
This is an example! (<https://example.com/>) inline link.

Up to 1024 characters (0/1024)

Markdown formatting is only applied when viewing your alarm in the console. The description will remain in plain text in the alarm notifications.

Cancel Previous Next

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Mon Feb 19 7:50PM

Alarms | CloudWatch | us-east-1

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aws Services Search [Option+S]

CloudWatch > Alarms > Create alarm

Step 1 Specify metric and conditions

Step 2 Configure actions

Step 3 Add name and description

Step 4 Preview and create

Preview and create

Step 1: Specify metric and conditions

Metric

Graph

This alarm will trigger when the blue line goes above the red line for 1 datapoints within 6 hours.

No unit

2

1

0

02/13 02/15 02/17 02/19

EstimatedCharges

Namespace AWS/Billing

Metric name EstimatedCharges

Currency USD

Statistic Maximum

Period 6 hours

Conditions

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The screenshot shows the AWS CloudWatch Metrics Alarm creation process. The top navigation bar includes links for Alarms, CloudWatch, us-east-1, and a search bar. Below the navigation is a toolbar with various icons. The main content area has three steps:

- Step 1: Set alarm trigger**: Shows a dropdown menu with the value '1' selected. A link to 'Additional configuration' is available.
- Step 2: Configure actions**: Titled 'Actions', it contains a 'Notification' section with the instruction 'When In alarm, send a notification to "MyBillingAlarm"'.
- Step 3: Add name and description**: Titled 'Name and description', it contains fields for 'Name' (set to 'MyBillingAlarm') and 'Description' (set to '-').

At the bottom right are 'Cancel', 'Previous', and 'Create alarm' buttons. The status bar at the bottom right shows the date and time as Mon Feb 19 7:50 PM.

The screenshot shows the AWS CloudWatch Alarms interface. On the left, a sidebar lists various monitoring categories like CloudWatch Metrics, Logs, and Network monitoring. The main area displays a single alarm named "MyBillingAlarm". The alarm details are as follows:

Name	State	Last state update	Conditions	Actions
MyBillingAlarm	Insufficient data	2024-02-20 03:50:28	EstimatedCharges >= 1 for 1 datapoints within 6 hours	Actions enabled Warning

A message at the top indicates that some subscriptions are pending confirmation, and there is a link to "View SNS Subscriptions".