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United States (N. Virginia)

Admin_Darron-TEST @ 8257-6542-3090

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

Specify metric and conditions

Metric

Graph

Preview of the metric or metric expression and the alarm threshold.

Select metric

Cancel

Next

Alarm creation through CloudWatch allows you to set limits that provide alarms for metrics on AWS services. This can also be done directly through the EC2 section.

CloudShell

Feedback

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Cookie preferences

- Step 1
- Specify metric and conditions
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- Preview and create

Specify metric and conditions

Metric

Graph

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

Bytes

199k

199k

199k

05/0705/0805/0905/1005/1105/1205/13

BucketSizeBytes

Namespace

AWS/S3

Metric name

BucketSizeBytes

BucketName

testbuck3tv1

StorageType

StandardStorage

Statistic

Average

Period

1 day

Edit

Conditions

Threshold type

Static

Use a value as a threshold

Anomaly detection

Use a band as a threshold

Whenever BucketSizeBytes is...

Define the alarm condition.

Greater

> threshold

Greater/Equal

>= threshold

Lower/Equal

<= threshold

Lower

< threshold

than...

Define the threshold value.

150

Must be a number

For this example, I'm setting a threshold value of 150 or less.

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CloudWatch > Alarms > Create alarm

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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

Create a new topic...

The topic name must be unique.

Default_CloudWatch_Alarms_Topic

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.

darron@test.com

user1@example.com, user2@example.com

Create topic

Add notification

Lambda action

Add Lambda action

Auto Scaling action

Add Auto Scaling action

EC2 action

I'm setting up an alarm that uses an SNS topic to send me an email if the threshold is exceeded.

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- ### Add name and description

Name and description

Alarm name

Test Alarm

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

[Edit](#)

Preview

#Limit reached!

Up to 1024 characters (15/1024)

 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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Preview and create



Step 1: Specify metric and conditions

Edit

Metric

Graph

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

Bytes

199k

99.7k

150

05/0705/0805/0905/1005/1105/1205/13

BucketSizeBytes

Namespace

AWS/S3

Metric name

BucketSizeBytes

BucketName

testbuck3tv1

StorageType

StandardStorage

Statistic

Average

Period

1 day

05-11 15:56

2025-05-11 16:00 UTC

1. BucketSizeBytes 199,332

Conditions

Threshold type

Static

Whenever **BucketSizeBytes** is

Greater (>)

than...

150

Additional configuration

Step 2: Configure actions

Edit

Actions