

HOW TO MONITOR COGNITO USING CLOUDWATCH?

CREATE ALARM →

The screenshot shows the AWS CloudWatch Alarms console. On the left is a navigation menu with options like Dashboards, Alarms, Logs, Metrics, etc. The main area is titled 'Alarms (1)' and contains a table with one alarm named 'test-sqs'. The alarm is in an 'Insufficient data' state. A 'Create alarm' button is highlighted in the top right corner.

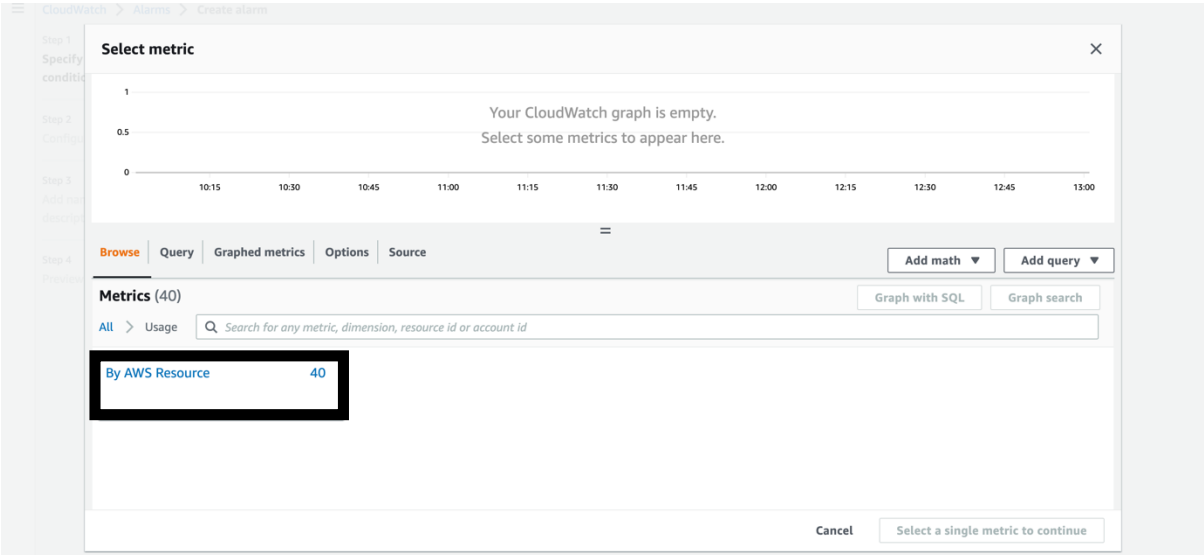
Name	State	Last state update	Conditions	Actions
test-sqs	Insufficient data	2023-04-13 22:43:14	NumberOfMessagesReceived > 0 for 1 datapoints within 1 minute	Actions enabled Warning

CLICK ON USAGE →

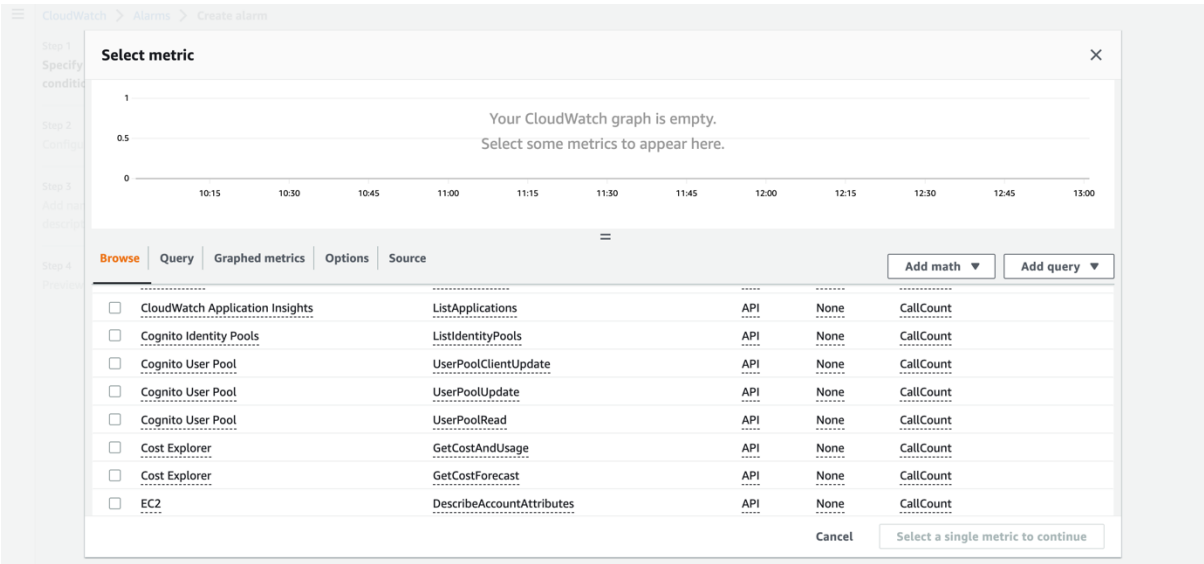
The screenshot shows the 'Select metric' dialog in the AWS CloudWatch console. It features a graph area at the top that is currently empty. Below the graph are tabs for 'Browse', 'Query', 'Graphed metrics', 'Options', and 'Source'. The 'Browse' tab is active, displaying a list of metrics. The 'Usage' metric is highlighted with a black box.

Metric	Value
AmplifyHosting	12
Usage	40
Logs	2
SNS	6
SQS	8

CLICK ON AWS RESOURCES→



SELECT THE COGNITO METRICS TO MONITOR→
THEN CLICK CONTINUE.



SELECT THE MATRICS ACCORDING TO NEED →

Step 2
Configure actions

Step 3
Add name and description

Step 4
Preview and create

Metric

Edit

Graph

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

No unit

1

0.5

0

10:30

11:30

12:30

CallCount

Namespace

AWS/Usage

Metric name

CallCount

Type

API

Resource

UserPoolClientUpdate

Service

Cognito User Pool

Class

None

Statistic

Q Sum

Period

1 minute

SELECT THE CONDITIONS →

Statistic

Q Sum

Period

1 minute

Conditions

Threshold type

☒ Static
Use a value as a threshold

☐ Anomaly detection
Use a band as a threshold

Whenever CallCount is...

Define the alarm condition.

☒ Greater
> threshold

☐ Greater/Equal
≥ threshold

☐ Lower/Equal
≤ threshold

☐ Lower
< threshold

than...

Define the threshold value.

0

Must be a number

► Additional configuration

Cancel

Next

SELECT THE EXISTING SNS FOR NOTIFICATION ,
OR CREATING A NEW TOPIC →

The screenshot shows the 'Configure actions' step in the AWS CloudWatch console. On the left, a sidebar lists four steps: Step 2 (Configure actions), Step 3 (Add name and description), Step 4 (Preview and create), and Step 5 (Add Auto Scaling action). The main content area is titled 'Configure actions' and contains two sections. The first section, 'Alarm state trigger', allows defining the alarm state that will trigger the action. It has three radio button options: 'In alarm' (selected), 'OK', and 'Insufficient data'. The 'In alarm' option is highlighted with a blue border. The second section, 'Send a notification to the following SNS topic', allows defining the SNS (Simple Notification Service) topic that will receive the notification. It has three radio button options: 'Select an existing SNS topic' (selected), 'Create new topic', and 'Use topic ARN to notify other accounts'. Below these options, there is a search box with the text 'Default_CloudWatch_Alarms_Topic' and a button 'Add notification'. The third section, 'Auto Scaling action', has a button 'Add Auto Scaling action'.

ADD A NAME→

The screenshot shows the 'Add name and description' step in the AWS CloudWatch console. On the left, a sidebar lists four 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 'Add name and description' and contains a form with two sections. The first section, 'Name and description', has a text input field for 'Alarm name' with the value 'cognito-cloudwatch'. The second section, 'Alarm description - optional', has a text area for 'Alarm description' with the value '# This is an H1\n**double asterisks will produce strong character**\nThis is [an example](https://example.com/) inline link.' Below the text area, there is a button 'Add notification'. At the bottom of the form, there are three buttons: 'Cancel', 'Previous', and 'Next'.

SUCCESSFULLY CREATED THE ALARM

CloudWatch

Favorites and recents

Dashboards

Alarms

In alarm

All alarms

Billing

Successfully created alarm `cognito-cloudwatch`.

View alarm

CloudWatch > Alarms

Alarms (2)

☐ Hide Auto Scaling alarms

Clear selection

Create composite alarm

Actions

Create alarm

Search

Any state

Any type

Any actions ...

< 1 >

	Name	State	Last state update	Conditions	Actions
<input type="checkbox"/>	cognito-cloudwatch	Insufficient data	2023-04-17 18:34:54	CallCount > 0 for 1 datapoints within 1 minute	Actions enabled Warning