

HOW TO CREATE A TOPIC IN SNS?

CLICK “CREATE TOPIC” →

The screenshot shows the AWS SNS Topics page. On the left, there's a sidebar with options like Dashboard, Topics (which is selected and highlighted in blue), and Subscriptions. Under Mobile, it lists Text messaging (SMS) and Origination numbers. The main content area shows a table titled "Topics (5)" with columns for Name, Type, and ARN. The "Create topic" button is located at the top right of the table area, highlighted with a yellow box.

GIVE A TOPIC NAME → CREATE TOPIC

The screenshot shows the AWS SNS Topic details page for "test-topic". At the top, a green banner displays the message "Topic test-topic created successfully. You can create subscriptions and send messages to them from this topic." Below the banner, the topic name "test-topic" is shown. The "Details" section contains fields for Name (test-topic), ARN (arn:aws:sns:eu-west-2:854707066231:test-topic), Type (Standard), Display name (-), and Topic owner (854707066231). At the bottom, there are tabs for Subscriptions, Access policy, Data protection policy, Delivery policy (HTTP/S), Delivery status logging, Encryption, and Tags. The "Subscriptions (0)" tab is selected. The "Create subscription" button is highlighted with a yellow box at the top right of the subscriptions table.

CLICK ON “CREATE SUBSCRIPTION”

AWS Services Search [Alt+S] London AWSAdministratorAccess/Mahalakshmi@sental.ai

Topic ARN
arn:aws:sns:eu-west-2:854707066231:test-topic

Protocol
The type of endpoint to subscribe
Email

Endpoint
An email address that can receive notifications from Amazon SNS.
Mahalakshmi@sental.ai

ⓘ After your subscription is created, you must confirm it. [Info](#)

► **Subscription filter policy - optional** [Info](#)
This policy filters the messages that a subscriber receives.

► **Redrive policy (dead-letter queue) - optional** [Info](#)
Send undeliverable messages to a dead-letter queue.

Cancel **Create subscription**

CONFIRM THE EMAIL →

[EXT:] AWS Notification - Subscription Confirmation

AN AWS Notifications <no-reply@sns.amazonaws.com>
To: Mahalakshmi P
Tue 4/4/2023 8:14 AM

You have chosen to subscribe to the topic:
arn:aws:sns:eu-west-2:854707066231:test-topic

To confirm this subscription, click or visit the link below (If this was in error no action is necessary):
[Confirm subscription](#)

Please do not reply directly to this email. If you wish to remove yourself from receiving all future SNS subscription confirmation requests please send an email to [sns-opt-out](#)

Reply Forward

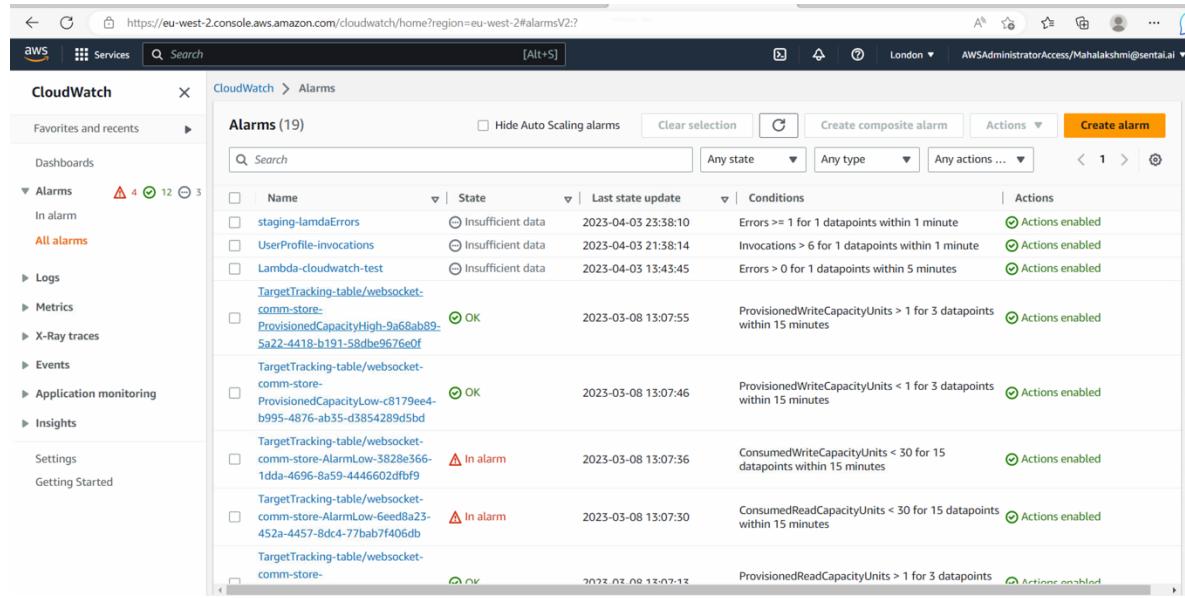
https://sns.eu-west-2.amazonaws.com/confirmation.html?TopicArn=arn:aws:sns:eu-west-2:854707066231:test-topic&Token=2336412f37fb687f5d51e6e2425c464de128861...

aws
Simple Notification Service

Subscription confirmed!
You have successfully subscribed.
Your subscription's id is:
arn:aws:sns:eu-west-2:854707066231:test-topic:8c454afa-ae78-4ce7-98b6-46d61d1536fb
If it was not your intention to subscribe, [click here to unsubscribe](#).

HOW TO CONNECT THE SNS TOPIC WITH CLOUDWATCH?

GO TO CLOUDWATCH →
CLICK ON “CREATE ALARM”

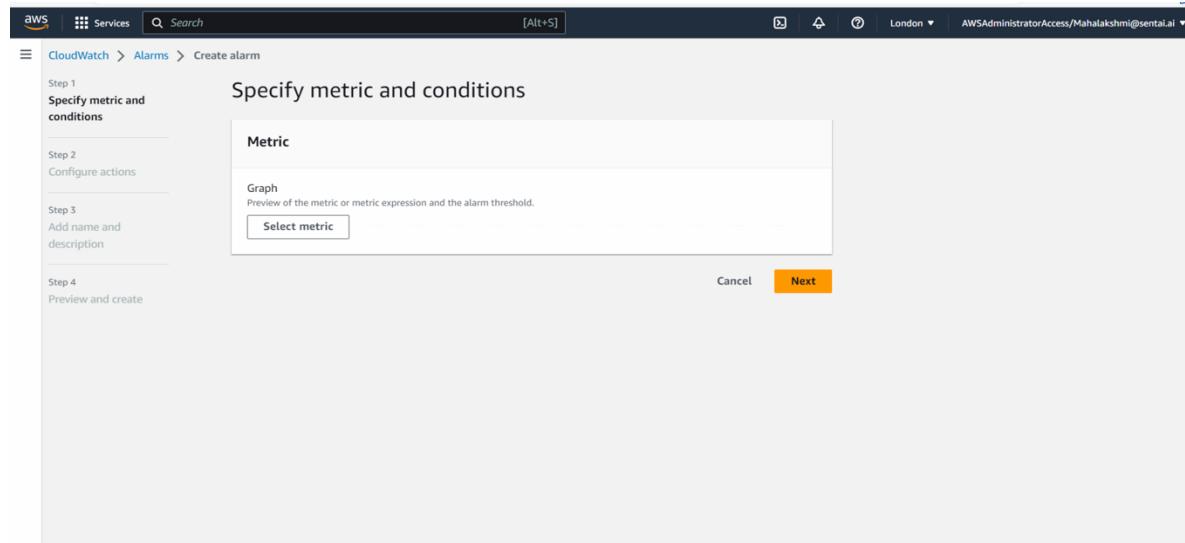


The screenshot shows the AWS CloudWatch Alarms page. On the left, there's a sidebar with 'CloudWatch' selected. Under 'Alarms', it shows 19 alarms. The first few alarms listed are:

Name	State	Last state update	Conditions	Actions
staging-lambdaErrors	Insufficient data	2023-04-03 23:38:10	Errors >= 1 for 1 datapoints within 1 minute	Actions enabled
UserProfile-invocations	Insufficient data	2023-04-03 21:38:14	Invocations > 6 for 1 datapoints within 1 minute	Actions enabled
Lambda-cloudwatch-test	Insufficient data	2023-04-03 13:43:45	Errors > 0 for 1 datapoints within 5 minutes	Actions enabled

There are several more alarms listed below, including some that are currently 'OK' or 'In alarm'. The 'Actions' column indicates whether actions are enabled or disabled.

CLICK ON “SELECT MATRIX”



The screenshot shows the 'Specify metric and conditions' step of the 'Create alarm' wizard. On the left, a sidebar lists steps: Step 1 (selected), Step 2, Step 3, and Step 4. The main area has a title 'Specify metric and conditions' and a 'Metric' section. It includes a 'Graph' preview and a 'Select metric' button. At the bottom right, there are 'Cancel' and 'Next' buttons.

GO TO SNS→

The screenshot shows the 'Select metric' dialog box from the AWS CloudWatch Metrics interface. The dialog is titled 'Select metric' and has tabs for 'Browse', 'Query', 'Graphed metrics', 'Options', and 'Source'. A search bar at the top right contains the placeholder '[Alt+S]'. Below the tabs is a grid of metrics. The grid has columns for service names, counts, and dimensions. One row is highlighted with a black rectangle around the 'SNS' column. The grid data is as follows:

Service	Count	Dimension	Value	Count	Dimension	Value	
Lambda	151	Logs	57	NATGateway	14	AWS/PrivateLinkEndpoints	15
RDS	2454	S3	37	SNS	14	SQS	66
AWS/SecretsManager	1	States	8	Usage	445		

At the bottom right of the dialog are 'Cancel' and 'Select a single metric to continue' buttons.

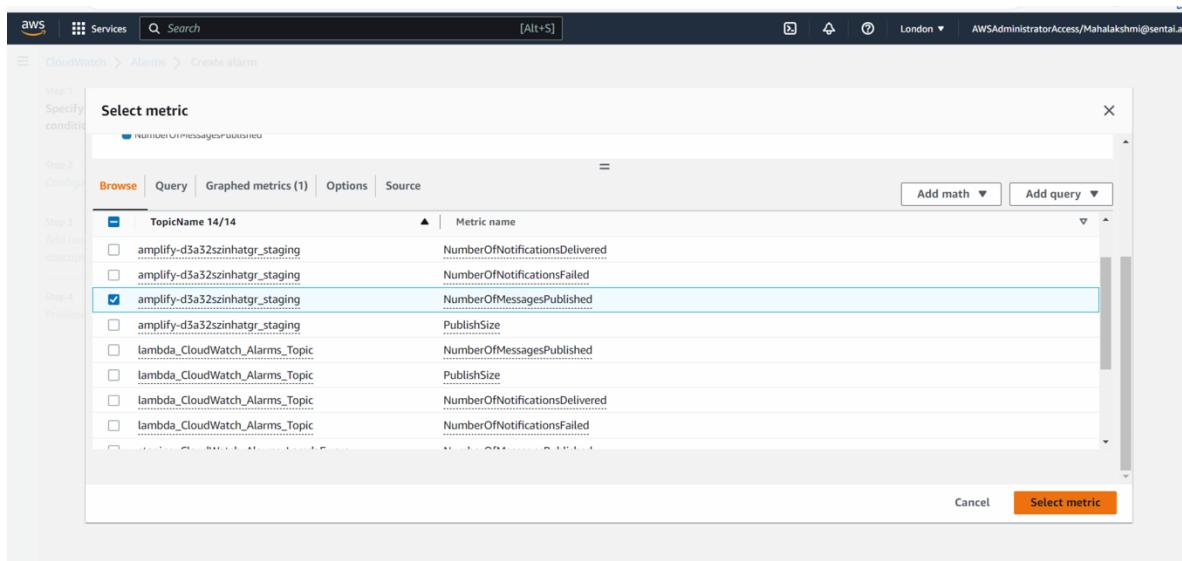
SELECT THE TOPIC TO MONITOR→

The screenshot shows the 'Select metric' dialog box from the AWS CloudWatch Metrics interface. The dialog is titled 'Select metric' and has tabs for 'Browse', 'Query', 'Graphed metrics', 'Options', and 'Source'. A search bar at the top right contains the placeholder '[Alt+S]'. Below the tabs is a list titled 'Metrics (14)' under the path 'All > SNS > Topic Metrics'. A search bar with the placeholder 'Search for any metric, dimension, resource id or account id' is present. The list shows 14 metrics, each with a checkbox and a metric name. The metrics are:

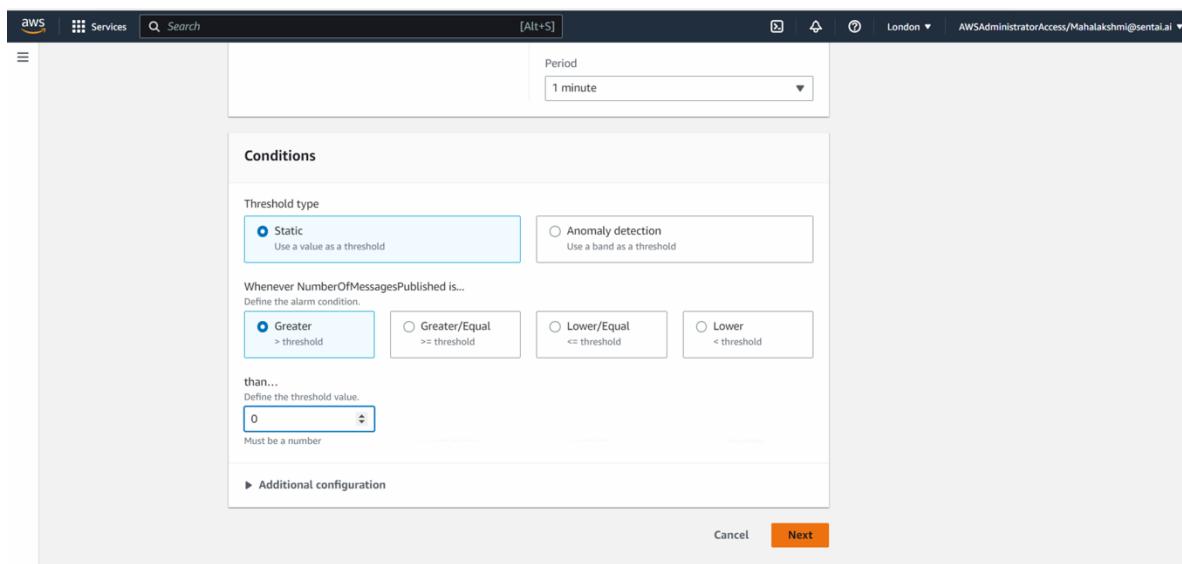
- TopicName 14/14
- amplify-d3a52szinhatgr_staging
- amplify-d3a52szinhatgr_staging
- amplify-d3a52szinhatgr_staging
- amplify-d3a52szinhatgr_staging
- lambda_CloudWatch_Alarms_Topic
- lambda_CloudWatch_Alarms_Topic
- NumberOfNotificationsDelivered
- NumberOfNotificationsFailed
- NumberOfMessagesPublished
- PublishSize
- NumberOfMessagesPublished
- NumberOfMessagesPublished

At the bottom right of the dialog are 'Cancel' and 'Select a single metric to continue' buttons.

CLICK ON SELECT MATRIX→



SET UP THE PARAMETERS→



CONNECTED THE SNS TOPIC→

Step 3
Add name and description

Step 4
Preview and create

Alarm state trigger

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

Select an existing SNS topic (selected)

Create new topic

Use topic ARN to notify other accounts

Send a notification to...

amplify-d3a32szinhatgr_staging

Email (endpoints)
sathish@sental.ai - View in SNS Console

Add notification

Auto Scaling action

Add Auto Scaling action

TYPE THE ALARM NAME AND DESCRIPTION→

CloudWatch > Alarms > Create alarm

Step 1
Specify metric and conditions

Step 2
Configure actions

Step 3
Add name and description (selected)

Step 4
Preview and create

Add name and description

Name and description

Alarm name
test-alarm

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

Edit Preview

This is a test message

Up to 1024 characters (31/1024)

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

starting a line with 1 to 6 hash characters. The number of hashes corresponds to the header level.

For example:

This is an H1
This is an H6

Optionally, you may "close" the markdown headers. This is purely cosmetic, and the number of closing hashes is irrelevant (only the number of opening hashes determines the header level):

This is an H2 ##
This is an H3

► Emphasis
► Lists
► Links
► Horizontal rules
► Special characters
► Unsupported features

ALARM CREATED SUCCESSFULLY.

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CloudWatch X

Favorites and recent>

CloudWatch > Alarms

Alarms (20) Hide Auto Scaling alarms Clear selection C Create composite alarm Actions Create alarm

Search Any state Any type Any actions ... < 1 > @

Name	State	Last state update	Conditions	Actions
test-alarm	Insufficient data	2023-04-04 08:24:58	NumberOfMessagesPublished > 0 for 1 datapoints within 1 minute	Actions enabled
staging-lambdaErrors	Insufficient data	2023-04-03 23:38:10	Errors >= 1 for 1 datapoints within 1 minute	Actions enabled
UserProfile-invocations	Insufficient data	2023-04-03 21:38:14	Invocations > 6 for 1 datapoints within 1 minute	Actions enabled
Lambda-cloudwatch-test	Insufficient data	2023-04-03 13:43:45	Errors > 0 for 1 datapoints within 5 minutes	Actions enabled
TargetTracking-table/websocket-comm-store-	OK	2023-03-08 13:07:55	ProvisionedWriteCapacityUnits > 1 for 3 datapoints within 15 minutes	Actions enabled
ProvisionedCapacityHigh-9a68a1b89-5a22-4418-b191-58dbe9676e0f	OK	2023-03-08 13:07:46	ProvisionedWriteCapacityUnits < 1 for 3 datapoints within 15 minutes	Actions enabled
TargetTracking-table/websocket-comm-store-	In alarm	2023-03-08 13:07:36	ConsumedWriteCapacityUnits < 30 for 15 datapoints within 15 minutes	Actions enabled
comm-store-AlarmLow-3828e366-1dda-4696-8a59-4446602dfbf9	In alarm			