

Creating EC2 instance usage billing

aws

Services

Search

[Alt+S]

N. Virginia

bhaskar opq

Amazon SNS

Dashboard

Topics

Subscriptions

▼ Mobile

Push notifications

Text messaging (SMS)

Origination numbers

New Feature

Amazon SNS now supports in-place message archiving and replay for FIFO topics. [Learn more](#)

Amazon SNS > Subscriptions

Subscriptions (2)

EditDeleteRequest confirmationConfirm subscriptionCreate subscription

Search

< 1 >

	ID	Endpoint	Status	Protocol	Topic
<input type="radio"/>	69cec40d-4e45-4a2c...	bhaskardevsdec@...	Confirmed	EMAIL	<a href="#">testsns</a>
<input type="radio"/>	Pending confirmation	bhaskardevsdec@...	Pending confirmation..	EMAIL	<a href="#">testsns</a>

CloudShellFeedback

© 2024, Amazon Web Services, Inc. or its affiliates. PrivacyTermsCookie preferences

AWS Notification - Subscription Confirmation Inbox x

AWS Notifications <no-reply@sns.amazonaws.com>

to me

9:04 PM (0 minutes ago)

You have chosen to subscribe to the topic:  
arn:aws:sns:us-east-1:198727865038:testsns

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

aws

Simple Notification Service

Subscription confirmed!

You have successfully subscribed.

Your subscription's id is:  
arn:aws:sns:us-east-1:198727865038:testsns:7863dca8-ab74-4b17-a074-f4c892cb3f01

If it was not your intention to subscribe, [click here to unsubscribe](#).

Details

Name

testsns

Display name

-

ARN

arn:aws:sns:us-east-1:198727865038:testsns

Topic owner

198727865038

Type

Standard

< Subscriptions Access policy Data protection policy Delivery policy (HTTP/S) Delivery status logging Encrypt >

Subscriptions (1)

EditDeleteRequest confirmationConfirm subscriptionCreate subscription

Search

< 1 >

	ID	Endpoint	Status	Protocol
<input type="radio"/>	7863dca8-ab74-4b17-a074...	bhaskardevsdec@gmail.c...	Confirmed	EMAIL

Topic ARN  
arn:aws:sns:us-east-1:198727865038:testsns

Subject - optional  
Ec2\_Usage\_Billing  
Maximum 100 printable ASCII characters

Time to Live (TTL) - optional [Info](#)  
This setting applies only to mobile application endpoints. The number of seconds that the push notification service has to deliver the message to the endpoint

### Message body

#### Message structure



Identical payload for all delivery protocols.  
The same payload is sent to endpoints subscribed to the topic, regardless of their delivery protocol.



Custom payload for each delivery protocol.  
Different payloads are sent to endpoints subscribed to the topic, based on their delivery protocol.

#### Message body to send to the endpoint

1 This is testing purpose i used this much as of now

### Ec2\_Usage\_Billing Inbox x

**AWS Notifications** <no-reply@sns.amazonaws.com>  
to me

9:07 PM (0 minutes ago) ☆ ☺

This is testing purpose i used this much as of now

--

If you wish to stop receiving notifications from this topic, please click or visit the link below to unsubscribe:

<https://sns.us-east-1.amazonaws.com/unsubscribe.html?SubscriptionArn=arn:aws:sns:us-east-1:198727865038:testsns:7863dca8-ab74-4b17-a074-f4c892cb3f01&Endpoint=bhaskardevopsdec@gmail.com>

Please do not reply directly to this email. If you have any questions or comments regarding this email, please contact us at <https://aws.amazon.com/support>

Services  [Alt+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

## Specify metric and conditions

### Metric

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

Select metric

Cancel **Next**

### Select metric

Untitled graph

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

1  
0.5  
0

Your CloudWatch graph is empty.  
Select some metrics to appear here.

12:45 13:00 13:15 13:30 13:45 14:00 14:15 14:30 14:45 15:00 15:15 15:30

Browse Multi source query Graphed metrics Options Source

Add math Add query

Metrics (290)

Alarm recommendations Graph with SQL Graph search

N. Virginia

EBS 36 EC2 68 Events 1 Logs 2

Cancel

Metrics (68)

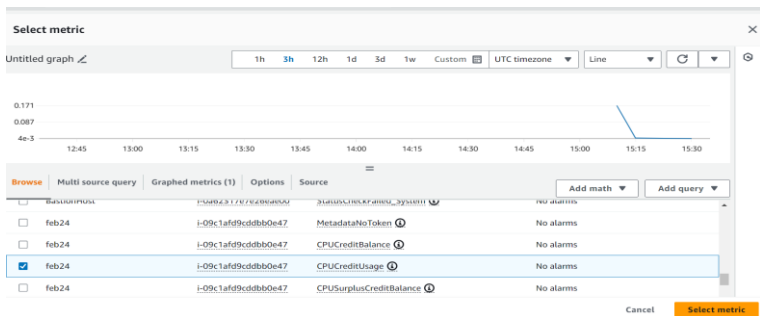
N. Virginia

All > EC2

Search

Per-Instance Metrics

68



CloudWatch > Alarms > Create alarm

Specify metric and conditions

Step 1

Step 2

Step 3

Step 4

Graph

This alarm will trigger when the blue line goes above the red line for 1 datapoints within 5 minutes.

Count

0.171

0.087

4e-5

13:30 14:30 15:30

Metric

Namespace

Metric name

InstanceId

Instance name

Statistic

AWS/EC2

CPUCreditUsage

i-09c1af9cd8bb0e47

feb24

Average

Conditions

Threshold type

Whenever CPUCreditUsage is...

than...

Additional configuration

Static

Anomaly detection

Greater

Greater/Equal

Lower/Equal

Lower

5

Cancel

Next

CloudWatch > Alarms > Create alarm

Configure actions

Step 1

Step 2

Step 3

Step 4

Notification

Alarm state trigger

Send a notification to the following SNS topic

Send a notification to...

Email (endpoints)

CloudWatch > Alarms > Create alarm

Add name and description

Step 1

Step 2

Step 3

Step 4

Name and description

Alarm name

Alarm description - optional

Cancel

Next

## ALARM: "usage\_billing" in US East (N. Virginia)

AWS Notifications

9:11 PM (0 minutes ago)

to me

You are receiving this email because your Amazon CloudWatch Alarm "usage\_billing" in the US East (N. Virginia) region has entered the ALARM state, because "Threshold Crossed: 1 out of the last 1 datapoints [0.003866 (26/03/24 15:36:00)] was less than the threshold (5.0) (minimum 1 datapoint for OK -> ALARM transition)." at "Tuesday 26 March, 2024 15:41:18 UTC".

View this alarm in the AWS Management Console:  
[https://us-east-1.console.aws.amazon.com/cloudwatch/deeplink?region=us-east-1&alarms/V2:alarm/usage\\_billing](https://us-east-1.console.aws.amazon.com/cloudwatch/deeplink?region=us-east-1&alarms/V2:alarm/usage_billing)

Alarm Details:

- Name: usage\_billing
- Description:
- State Change: INSUFFICIENT\_DATA -> ALARM
- Reason for State Change: Threshold Crossed: 1 out of the last 1 datapoints [0.003866 (26/03/24 15:36:00)] was less than the threshold (5.0) (minimum 1 datapoint for OK -> ALARM transition).
- Timestamp: Tuesday 26 March, 2024 15:41:18 UTC
- AWS Account: 198727865038
- Alarm Arn: arn:aws:cloudwatch:us-east-1:198727865038:alarm:usage\_billing

Threshold:

- The alarm is in the ALARM state when the metric is LessThanThreshold 5.0 for at least 1 of the last 1 period(s) of 300 seconds.

Monitored Metric:

- MetricId: namespace: AWS/EC2, metricName: CPUCreditUsage, dimensions: [InstanceId = i-09c1af9cd8bb0e47]
- Period: 300 seconds
- Statistic: Average
- Unit: not specified
- TreatMissingData: missing

State Change Actions:

- OK:
- ALARM: [arn:aws:sns:us-east-1:198727865038:testsns]
- INSUFFICIENT\_DATA:

If you wish to stop receiving notifications from this topic, please click or visit the link below to unsubscribe:  
<https://sns.us-east-1.amazonaws.com/unsubscribe?html?SubscriptionArn=arn:aws:sns:us-east-1:198727865038:testsns:7963dca8-a674-4b17-a074-Hs892cb3M71&Endpoint=thaskardevsopdec@gmail.com>

Please do not reply directly to this email. If you have any questions or comments regarding this email, please contact us at <https://aws.amazon.com/support>

