

Gmail Course Modules: AWS re/Start Workbench - Vocareum Console Home | Console Home RSSECY EN-US SG M04 ANALY

us-west-2.console.aws.amazon.com/console/home?region=us-west-2#

AWS Services Search [Alt+S]

Recently visited Favorites All services

Analytics Application Integration Blockchain Business Applications Cloud Financial Management Compute Containers Customer Enablement Database Developer Tools End User Computing Front-end Web & Mobile Game Development Internet of Things

Amazon AppFlow  
Amazon AppFlow integrates apps and automates data flows without code.

AWS B2B Data Interchange  
Build and run EDI-based workflows at cloud scale

Amazon EventBridge  
Serverless service for building event-driven applications.

Managed Apache Airflow  
Run Apache Airflow without provisioning or managing servers.

Amazon MQ  
Managed message broker service for Apache ActiveMQ and RabbitMQ

Simple Notification Service  
SNS managed message topics for Pub/Sub

Simple Queue Service  
SQS Managed Message Queues

Step Functions  
Coordinate Distributed Applications

SWF  
Workflow Service for Coordinating Application Components

Reset to default layout + Add widget

Create application

No applications  
Get started by creating an application.

Create application

Go to myApplications

Total costs per month  
No cost data available.

Gmail Course Modules: AWS re/Start Workbench - Vocareum Topics | Amazon SNS | Simple RSSECY EN-US SG M04 ANAL

us-west-2.console.aws.amazon.com/sns/v3/home?region=us-west-2#/topics

How would you rate your experience with this service console? ★ ★ ★ ★ ★

AWS Services Search [Alt+S]

Oregon v vocabs/user2877785=GOUNDRA\_AMARNATH @ 8206-4114

### Amazon SNS

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

Topics (0)

Name Type ARN

No topics

To get started, create a topic.

Create topic

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Type here to search 20°C Haze ENG 19:12

How would you rate your experience with this service console? ★ ★ ★ ★ ★



Services

Search

[Alt+F5]



## Create topic

### Details

Type [Info](#)

Topic type cannot be modified after topic is created

FIFO (first-in, first-out)

- Strictly-preserved message ordering
- Exactly-once message delivery
- High throughput, up to 300 publishes/second
- Subscription protocols: SQS

Standard

- Best-effort message ordering
- At-least once message delivery
- Highest throughput in publishes/second
- Subscription protocols: SQS, Lambda, HTTP, SMS, email, mobile application endpoints

Name

mySNS

Maximum 256 characters. Can include alphanumeric characters, hyphens (-) and underscores (\_).

Display name - optional [Info](#)

To use this topic with SMS subscriptions, enter a display name. Only the first 10 characters are displayed in an SMS message.

my-SNS

Maximum 100 characters.

► Encryption - optional

Gmail Course Modules: AWS re/Start Workbench - Vocareum mySNS | Topics | Amazon SNS RSSECY EN-US SG M04 ANAL

us-west-2.console.aws.amazon.com/sns/v3/home?region=us-west-2#/topic/arn:aws:sns:us-west-2:820641148543:mySNS

How would you rate your experience with this service console? ★ ★ ★ ★ ★

aws Services Search [Alt+S] Oregon voclabs/user2877785=GOUNDRA\_AMARNATH @ 8206-4114-8543

### Amazon SNS

Dashboard Topics Subscriptions Mobile Push notifications Text messaging (SMS) Origination numbers

#### Details

Name	Display name
mySNS	my-SNS
ARN	Topic owner
arn:aws:sns:us-west-2:820641148543:mySNS	820641148543
Type	Standard

Subscriptions Access policy Data protection policy Delivery policy (HTTP/S) Delivery status logging Encryption Tags Integrations

#### Subscriptions (0)

Edit Delete Request confirmation Confirm subscription Create subscription

Search

ID	Endpoint	Status	Protocol
No subscriptions found			
You don't have any subscriptions to this topic.			
<a href="#">Create subscription</a>			

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DELL 10:10 20°C Haze ENG 19-12-2023

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

Amazon SNS > Subscriptions > Create subscription

## Create subscription

### Details

#### Topic ARN



#### Protocol

The type of endpoint to subscribe



#### Endpoint

An email address that can receive notifications from Amazon SNS.

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



Compose



Inbox

1



Starred



Snoozed



Sent



Drafts

2



More

Labels

+

Search mail



## AWS Notification - Subscription Confirmation

my-SNS &lt;no-reply@sns.amazonaws.com&gt;

to me ▾

You have chosen to subscribe to the topic:

arn:aws:sns:us-west-2:820641148543:mySNS

To confirm this subscription, click or visit the link below (If this was in error)

[Confirm subscription](#)

Please do not reply directly to this email. If you wish to remove yourself from receiving all f

Reply

Forward

[Edit](#)[Delete](#)[Publish mes...](#)

## Details

Name

mySNS

Display name

my-SNS

ARN

arn:aws:sns:us-west-2:820641148543:mySNS

Topic owner

820641148543

Type

Standard

[Subscriptions](#)[Access policy](#)[Data protection policy](#)[Delivery policy \(HTTP/S\)](#)[Delivery status logging](#)[Encryption](#)[Tags](#)[Integrations](#)

### Subscriptions (1)

[Edit](#)[Delete](#)[Request confirmation](#)[Confirm subscription](#)[Create subscription](#) Search

&lt; 1 &gt;

[ID](#)[Endpoint](#)[Status](#)[Protocol](#)

08a5b9a9-045d-4b6b-8fb0-fc02fb...

amarnathgoundra@gmail.com

Confirmed

EMAIL

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AWS Notification - Subscription confirm   Course Modules: AWS re/Start   Workbench - Vocareum   Instances | EC2 | us-west-2   RSSECY EN-US SG M04 AN

us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#Instancesv=3;\$case=tagstrue%5C.client:false;\$regex=tags:false%5C.client:false

Services Search [Alt+S] Oregon v vocabs/user2877785=GOUNDRA\_AMARNATH @ 8206-4114-8543

EC2 Dashboard   EC2 Global View   Events   Instances   Instances   Instance Types   Launch Templates   Spot Requests   Savings Plans   Reserved Instances   Dedicated Hosts   Capacity Reservations   New

Images   AMIs   AMI Catalog

Elastic Block Store   Volumes   Snapshots   Lifecycle Manager

Network & Security   CloudShell   Feedback

Type here to search

DELL

Instances (1/1) Info

Find Instance by attribute or tag (case-sensitive)

Name Instance ID Instance state Instance type Status check Alarm status Availability Zone Public IPv4 DNS

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4 DNS
Stress Test	i-08584224b86389cb1	Running	t2.micro	2/2 checks passed	View alarms +	us-west-2a	ec2-54-149-161-161.us...

Instance: i-08584224b86389cb1 (Stress Test)

Details   Status and alarms New   Monitoring   Security   Networking   Storage   Tags

Instance summary

Instance ID	Public IPv4 address	Private IPv4 addresses
i-08584224b86389cb1 (Stress Test)	54.149.161.161 [open address]	10.0.2.161
IPv6 address	Instance state	Public IPv4 DNS
-	Running	ec2-54-149-161-161.us-west-2.compute.amazonaws.com [open address]
Hostname type	Private IP DNS name (IPv4 only)	Elastic IP addresses
IP name: ip-10-0-2-161.us-west-2.compute.internal	ip-10-0-2-161.us-west-2.compute.internal	-
Answer private resource DNS name	Instance type	
-	t2.micro	

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Subscription confirm Course Modules: AWS re/Start Workbench - Vocareum Instances | EC2 | us-west-2 RSSECY EN-US SG M04 AN

est-2.console.aws.amazon.com/ec2/home?region=us-west-2#Instances:

Search [Alt+S]

Instances (1/1) Info

Find Instance by attribute or tag (case-sensitive)

Name Instance ID Instance state Instance type Status check Alarm status Availability Zone

Stress Test i-08584224b86389cb1 Running t2.micro 2/2 checks passed View alarms + us-west-2a

Instance: i-08584224b86389cb1 (Stress Test)

Details Status and alarms New Monitoring Security Networking Storage Tags

Manage d 1h 3h 12h 1d 5d 1w Custom UTC timezone G Add to

CPU utilization (%) Network in (bytes) Network out (bytes) Network packets in (count)

Percent Bytes Bytes Count

Time	CPU (%)	Network In (Bytes)	Network Out (Bytes)	Network Packets In (Count)
03:45	79.7	105M	288k	27.5k
04:45	39.8	52.4M	144k	13.7k
03:45	0	0	0	0

Network packets out (count) Disk reads (bytes) Disk read operations (operations/sec) Disk writes (bytes)

Count Rops/sec Count Rops/sec

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Search 20°C Haze

Subscription confirm Course Modules: AWS re/Start Workbench - Vocareum Instances | EC2 | us-west-2 RSSECY EN-US SG M04 AN

2.console.aws.amazon.com/ec2/home?region=us-west-2#Instances:

Instances (1/1) Info

Find Instance by attribute or tag (case-sensitive)

Name Instance ID Instance state Instance type Status check Alarm status Availability Zone

Stress Test i-08584224b86389cb1 Running t2.micro 2/2 checks passed View alarms us-west-2a

Instance: i-08584224b86389cb1 (Stress Test)

Details Status and alarms New Monitoring Security Networking Storage Tags

1h 5h 12h 1d 3d 1w Custom UTC timezone Manage Add

CPU utilization (%) Network in (bytes) Network out (bytes) Network packets

Maximize CPU utilization (%)

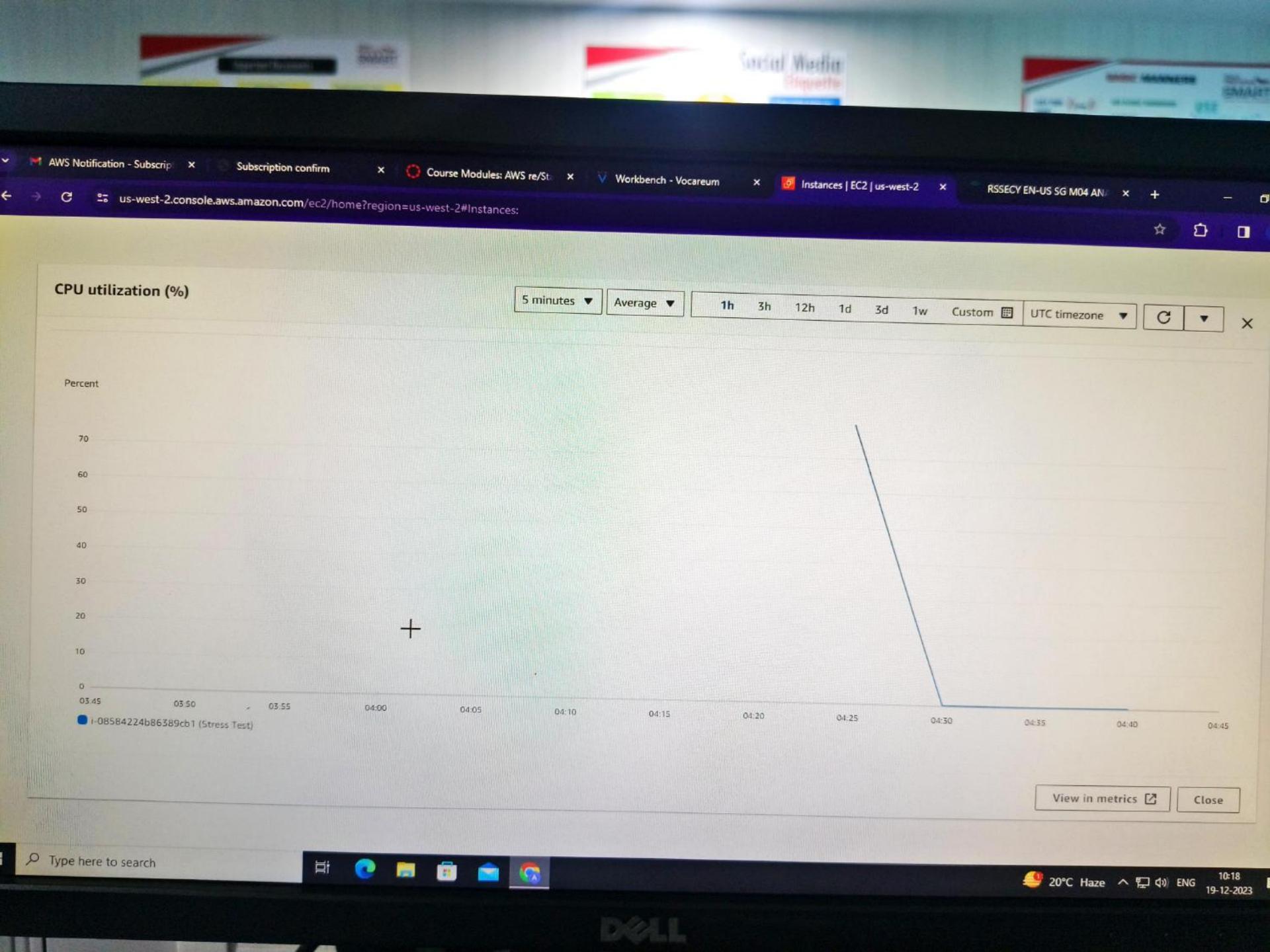
Percent Bytes Count

Time	CPU utilization (%)	Network in (bytes)	Network out (bytes)	Network packets
03:45	79.7	105M	288k	27.5k
04:45	39.8	52.4M	144k	13.7k
03:45	0	0	0	0

Network packets out (count) Disk reads (bytes) Disk read operations (operations/sec) Disk writes (bytes)

Count Bytes/Sec Count Rates

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AWS Notification - Subscript... X Subscription confirm X Course Modules: AWS re/Start X Workbench - Vocareum X Instances | EC2 | us-west-2 X RSSECY EN-US SG M04 AN... X +

us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#Instances:

aws Services Search [Alt+ S] Oregon v vocabs/user2877785=GOUNDRA\_AMARNATH @ 8206-4114-A

EC2 Dashboard X

EC2 Global View

Events

Instances

Instances

Instance Types

Launch Templates

Spot Requests

Savings Plans

Reserved Instances

Dedicated Hosts

Capacity Reservations New

Images

AMIs

AMI Catalog

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

CloudShell Feedback

Type here to search

DELL

Instance: i-08584224b86389cb1 (Stress Test)

Details Status and alarms New Monitoring Security Networking Storage Tags

Manage detailed monitoring

Alarm recommendations

1h 3h 12h 1d 3d 1w Custom UTC timezone UTC timezon C Add to dashboard

CPU utilization (%) Network in (bytes) Network out (bytes) Network packets in (count)

Percent Bytes Count

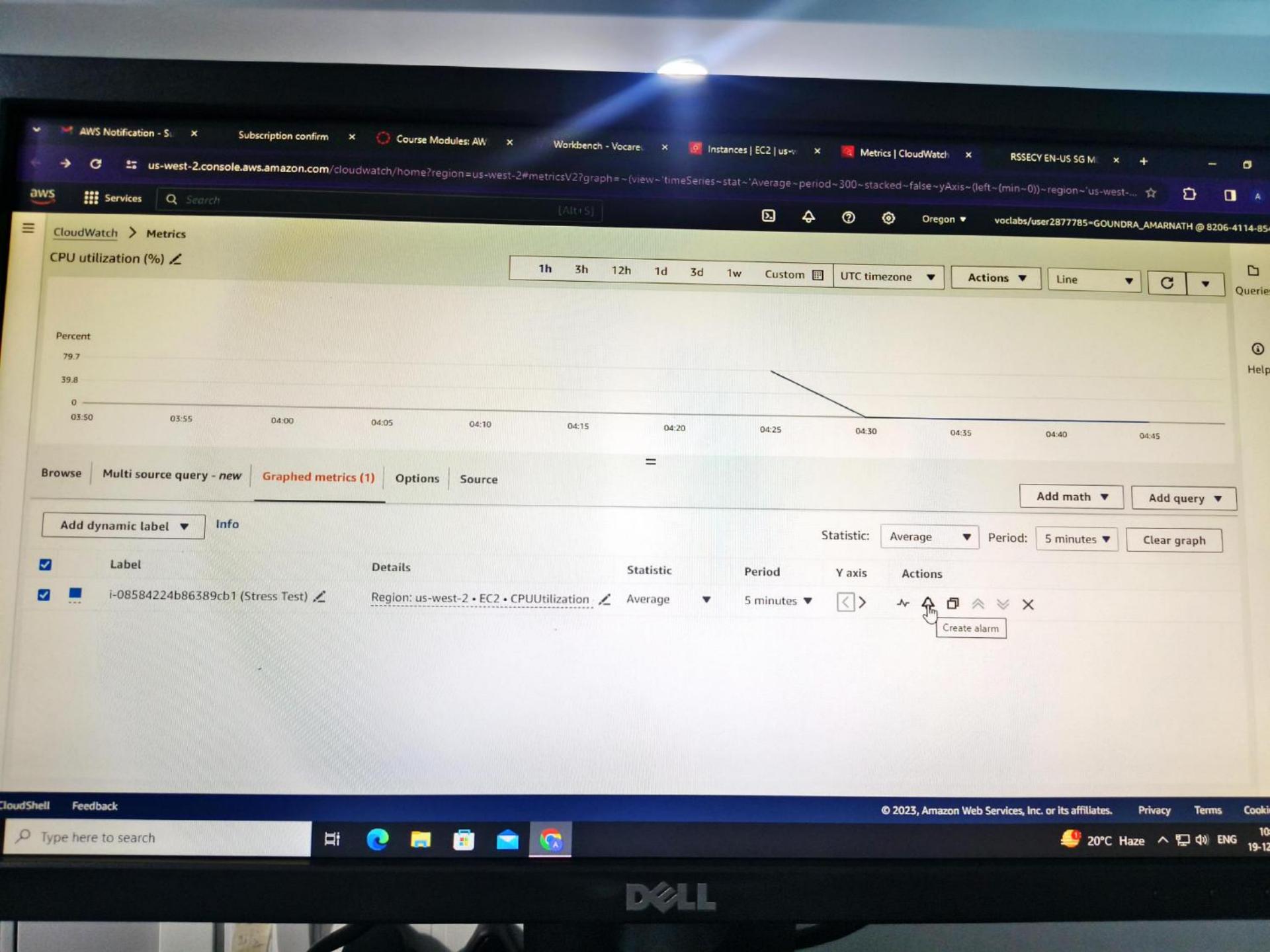
Time	Value
03:45	79.7
04:00	39.8
04:15	0
04:30	288k
04:45	144k
05:00	0
05:15	27.5k
05:30	13.7k
05:45	0
06:00	0

Network packets out (count) Disk read operations (operations/second) Disk writes (bytes)

Enlarge Refresh Apply time range View in metrics View in R Widget actions View logs

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The screenshot shows the AWS CloudWatch Metrics view for an EC2 instance named "i-08584224b86389cb1" during a stress test. The instance is currently running. The metrics displayed are CPU utilization, Network in (bytes), Network out (bytes), Network packets in (count), Network packets out (count), Disk read operations (operations/second), and Disk writes (bytes). The CPU utilization chart shows a significant drop from approximately 79.7% to 39.8% between 03:45 and 04:00, and then to 0% by 04:15. The Network in chart shows a peak of about 288k bytes around 04:30. The Network out chart shows a peak of about 144k bytes around 04:45. The Network packets in chart shows a peak of about 27.5k count around 05:00. The Network packets out chart shows a peak of about 13.7k count around 05:30. The Disk read operations chart shows a peak of 0 operations/second around 05:45. The Disk writes chart shows a peak of 0 bytes around 06:00. The interface includes tabs for Details, Status and alarms, Monitoring (which is selected), Security, Networking, Storage, and Tags. A sidebar on the left lists various AWS services like EC2 Dashboard, EC2 Global View, Events, Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images, AMIs, and AMI Catalog. The bottom of the screen shows the Windows taskbar with icons for File Explorer, Task View, Start, and Google Chrome.



AWS Notification - Sub X Subscription confirm X Course Modules: AW X Workbench - Vocare... X Instances | EC2 | us-west-2 X CloudWatch | us-west-2 X RSSECY EN-US SG M X

us-west-2.console.aws.amazon.com/cloudwatch/home?region=us-west-2#alarmsV2:create?~(Page~MetricSelection~AlarmType~MetricAlarm~AlarmData~Namespace~'AWS\*2fEC2~MetricName~CPUUtilization~Period~5m~ComparisonOperator~Greater~ThresholdValue~50~EvaluationPeriods~1~TreatMissingData~NotBreaching')

aws Services Search [Alt+F5] Oregon voclabs/user2877785=GOUNDR...

Period  
5 minutes ▾

### Conditions

Threshold type

Static  
Use a value as a threshold

Anomaly detection  
Use a band as a threshold

Whenever CPUUtilization is...  
Define the alarm condition.

Greater  
> threshold

Greater/Equal  
>= threshold

Lower/Equal  
<= threshold

Lower  
< threshold

than...  
Define the threshold value.

50 ▾

Must be a number

► Additional configuration

Cancel Next

aws Services Search [Alt + S]

Step 1 Specify metric and conditions

Step 2 Configure actions

Step 3 Add name and description

Step 4 Preview and create

## Configure actions

### 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...

mySNS X

Only email lists for this account are available.

Email (endpoints)

amarnathgoundra@gmail.com - View in SNS Console ↗

Add notification

### Auto Scaling action

AWS Notification - S X Subscription confirm X Course Modules: AWS X Workbench - Vocare X Instances | EC2 | us-west-2 X CloudWatch | us-west-2 X

C us-west-2.console.aws.amazon.com/cloudwatch/home?region=us-west-2#alarmsV2:create?~(Page~'Actions~'AlarmType~'MetricAlarm~'AlarmData~(Namespace~'AWS\*2fEC

Services Search [Alt+S] Oregon v

## EC2 action

### Alarm state trigger

Define the alarm state that will trigger this action.

[Remove](#)

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.

### Take the following action...

Define what will happen to the EC2 instance with the Instance ID i-08584224b86389cb1 when this alarm is triggered.

Recover this instance

You can only recover certain EC2 instance types. [See documentation](#)

Stop this instance

You can only stop an instance if it is backed by an EBS volume. AWS will use the existing Service Linked Role (AWSServiceRoleForCloudWatchEvents) to perform this action. [Show IAM policy document](#)

Terminate this instance

You will not be able to terminate this instance if termination protection is enabled. AWS will use the existing Service Linked Role (AWSServiceRoleForCloudWatchEvents) to perform this action. [Show IAM policy document](#)

Reboot this instance

An instance reboot is equivalent to an operating system reboot. AWS will use the existing Service Linked Role (AWSServiceRoleForCloudWatchEvents) to perform this action. [Show IAM policy document](#)

[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](#)

Subscription confirm Course Modules: AW Workbench - Vocare Instances | EC2 | us-west-2 CloudWatch | us-west-2 RSSECY EN-US SG M

us-west-2.console.aws.amazon.com/cloudwatch/home?region=us-west-2#alarmsV2:create?~(PageActions~Actions~AlarmType~MetricAlarm~AlarmData~Namespace~AWS%2FEC2~MetricName~CPUU... Oregon voclabs/user2877785=GOUNDRA\_AMARNA

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.

Take the following action...

Define what will happen to the EC2 instance with the Instance ID i-08584224b86389cb1 when this alarm is triggered.

Recover this instance  
You can only recover certain EC2 instance types. See documentation

Stop this instance  
You can only stop an instance if it is backed by an EBS volume. AWS will use the existing Service Linked Role (AWSServiceRoleForCloudWatchEvents) to perform this action. Show IAM policy document

Terminate this instance  
You will not be able to terminate this instance if termination protection is enabled. AWS will use the existing Service Linked Role (AWSServiceRoleForCloudWatchEvents) to perform this action. Show IAM policy document

Reboot this instance  
An instance reboot is equivalent to an operating system reboot. AWS will use the existing Service Linked Role (AWSServiceRoleForCloudWatchEvents) to perform this action. Show IAM policy document

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



AWS Notification - Sub X Subscription confirm X Course Modules: AW... X Workbench - Vocare... X Instances | EC2 | us-w... X CloudWatch | us-w... X RSSECY EN-US SG M... X

us-west-2.console.aws.amazon.com/cloudwatch/home?region=us-west-2#alarmsV2:create?~(Page~ Details~AlarmType~MetricAlarm~AlarmData~Namespace~AWS\*2|EC2~MetricName~CPUUtili...)

Services Search (Alt+S) Oregon v vocabs/user2877785-GOUNDRA\_AMARNATH @ 8206-4114-8543 ▾

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

Edit Preview

# This is an H1  
\*\*double asterisks will produce strong characters\*\*  
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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20°C Haze 10:25 19-12-2023

DELL

The screenshot shows the AWS CloudWatch Metrics Alarm creation interface. The top navigation bar includes tabs like AWS Notification, Subscription confirm, Course Modules, Workbench, Instances, CloudWatch, and RSSECY EN-US SG MO. The main title is "Additional configuration".

**Step 2: Configure actions**

**Actions**

- Notification**  
When In alarm, send a notification to "mySNS"
- EC2 action**  
When In alarm, stop this instance (Instance ID: i-08584224b86389cb1)

**Step 3: Add name and description**

**Name and description**

- Name**: cpu-utilization-alarm
- Description**: -

At the bottom, there are buttons for **Cancel**, **Previous**, and **Create alarm**. The **Create alarm** button is highlighted with a mouse cursor.



Services

Search

[Alt + S]



EC2 > Instances > i-08584224b86389cb1 > Connect to instance

## Connect to instance Info

Connect to your instance i-08584224b86389cb1 (Stress Test) using any of these options

EC2 Instance Connect

Session Manager

SSH client

EC2 serial console



### Session Manager usage:

- Connect to your instance without SSH keys, a bastion host, or opening any inbound ports.
- Sessions are secured using an AWS Key Management Service key.
- You can log session commands and details in an Amazon S3 bucket or CloudWatch Logs log group.
- Configure sessions on the Session Manager [Preferences](#) page.

Cancel

Connect

## Task 3: Test the Cloudwatch alarm

In this task, you log in to the **Stress Test** EC2 instance and run a command that stresses the CPU load to 100 percent. This CPU utilization activates the CloudWatch alarm, which causes Amazon SNS to send an email notification to the email address associated with the SNS topic.

30. Navigate to the Vocareum console page, and choose the **i AWS Details** button.
31. Next to **EC2InstanceURL**, there is a link. Copy and paste this link into a new browser tab.  
This link connects you to the **Stress Test** EC2 instance.
32. To manually increase the CPU load of the EC2 instance, run the following command:

```
sudo stress --cpu 10 -v --timeout 400s
```

The output from the command should look similar to the following image.

Session ID: user14

Instance ID:

```
sh-4.2$ sudo stress --cpu 10 -v --timeout 400s
stress: info: [32549] dispatching hogs: 10 cpu, 0 io, 0 vm, 0 hdd
stress: dbug: [32549] using backoff sleep of 30000us
stress: dbug: [32549] setting timeout to 400s
stress: dbug: [32549] --> hogcpu worker 10 [32550] forked
stress: dbug: [32549] using backoff sleep of 27000us
stress: dbug: [32549] setting timeout to 400s
stress: dbug: [32549] --> hogcpu worker 9 [32551] forked
stress: dbug: [32549] using backoff sleep of 24000us
stress: dbug: [32549] setting timeout to 400s
stress: dbug: [32549] --> hogcpu worker 8 [32552] forked
stress: dbug: [32549] using backoff sleep of 21000us
stress: dbug: [32549] setting timeout to 400s
stress: dbug: [32549] --> hogcpu worker 7 [32553] forked
```

```
sh-4.2$ sudo stress --cpu 10 -v --timeout 400s
stress: info: [3473] dispatching hogs: 10 cpu, 0 io, 0 vm, 0 hdd
stress: dbug: [3473] using backoff sleep of 30000us
stress: dbug: [3473] setting timeout to 400s
stress: dbug: [3473] --> hogcpu worker 10 [3474] forked
stress: dbug: [3473] using backoff sleep of 27000us
stress: dbug: [3473] setting timeout to 400s
stress: dbug: [3473] --> hogcpu worker 9 [3475] forked
stress: dbug: [3473] using backoff sleep of 24000us
stress: dbug: [3473] setting timeout to 400s
stress: dbug: [3473] --> hogcpu worker 8 [3476] forked
stress: dbug: [3473] using backoff sleep of 21000us
stress: dbug: [3473] setting timeout to 400s
stress: dbug: [3473] --> hogcpu worker 7 [3477] forked
stress: dbug: [3473] using backoff sleep of 18000us
stress: dbug: [3473] setting timeout to 400s
stress: dbug: [3473] --> hogcpu worker 6 [3478] forked
stress: dbug: [3473] using backoff sleep of 15000us
stress: dbug: [3473] setting timeout to 400s
stress: dbug: [3473] --> hogcpu worker 5 [3479] forked
stress: dbug: [3473] using backoff sleep of 12000us
stress: dbug: [3473] setting timeout to 400s
stress: dbug: [3473] --> hogcpu worker 4 [3480] forked
stress: dbug: [3473] using backoff sleep of 9000us
stress: dbug: [3473] setting timeout to 400s
stress: dbug: [3473] --> hogcpu worker 3 [3481] forked
stress: dbug: [3473] using backoff sleep of 6000us
stress: dbug: [3473] setting timeout to 400s
stress: dbug: [3473] --> hogcpu worker 2 [3482] forked
stress: dbug: [3473] using backoff sleep of 3000us
stress: dbug: [3473] setting timeout to 400s
stress: dbug: [3473] --> hogcpu worker 1 [3483] forked
```

File Edit View



```
sudo yum install amazon-linux-extras epel
sudo yum install stress
sudo stress --cpu 10 -v --timeout 400s|
```

us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#Instances:v=3;\$case=tags:true%5C,client:false;\$regex=tags:false%5C,client:false

Services Search [Alt+S] Oregon v vocabs/user2877785=GOUNDRAMARNATH @ 8206-4114-8545

### Instances (1/1) Info

Find Instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status
Stress Test	i-08584224b86389cb1	Running	t2.micro		

**Instance: i-08584224b86389cb1 (Stress Test)**

Details Status and alarms New Monitoring Security Networking Storage

▼ Instance summary Info

Instance ID	Public IPv4 address
i-08584224b86389cb1 (Stress Test)	54.149.161.161 [open address]
IPv6 address	Instance state
-	Running
Hostname type	Private IP DNS name (IPv4 only)
IP name: ip-10-0-2-161.us-west-2.compute.internal	ip-10-0-2-161.us-west-2.compute.internal
Answer private resource DNS name	Instance type
-	t2.micro
Auto-assigned IP address	VPC ID
54.149.161.161 [Public IP]	vpc-057eab9d45177793 (1 sub/VPC)

Actions ▾ Connect Instance state ▾ Actions ▾ Launch instances

- Connect
- View details
- Manage instance state
- Instance settings
- Networking
- Security
- Image and templates
- Monitor and troubleshoot

Attach to Auto Scaling Group

Change termination protection

Change stop protection

Change shutdown behavior

Change auto-recovery behavior

Change instance type

Change Nitro Enclaves

Change credit specification

Change resource based naming options

Modify instance placement

Modify Capacity Reservation settings

Edit user data

Allow tags instance metadata

Manage tags

Modify instance metadata options

Elastic IP addresses

AWS Compute Optimizer finding

Opt-in to AWS Compute Optimizer for recommendations

## Edit user data Info

### Instance ID

 i-08584224b86389cb1 (Stress Test)

### Current user data

User data currently associated with this instance

```
#!/bin/bash -ex
yum -y update
amazon-linux-extras install epel -y
yum install stress -y
```

 Copy user data

 To edit your instance's user data you first need to stop your instance.

Cancel

Save

ALARM: \*cpu-util Subscription course Modules: Workbench - Voc Instances | C2 Systems Manage Alarms | CloudWatch RSSECY EN-US S

us-west-2.console.aws.amazon.com/ec2/home?region=us-west-2#Instances:v=3;case=tags:true%5C;client:false;\$regex=tags:false%5C;client:false

Services Search [Alt+S]

EC2 Dashboard EC2 Global View Events Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations New Images AMIs AMI Catalog Elastic Block Store Volumes Snapshots Lifecycle Manager Network & Security CloudShell Feedback

Find Instance by attribute or tag (case-sensitive)

Instances (1/1) Info

Name Instance ID Instance state Instance type Status check Alarm status Availability Zone Public IPv4 DNS

Stress Test i-08584224b86389cb1 Stopped t2.micro - 1 in al... us-west-2a

Instance: i-08584224b86389cb1 (Stress Test)

Details Status and alarms New Monitoring Security Networking Storage Tags

Manage detailed monitoring

Alarm recommendations

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

CPU utilization (%) Percent 79.7 39.8 0 04:00 05:00

Network in (bytes) Bytes 105M 52.4M 0 04:00 05:00

Network out (bytes) Bytes 288k 144k 0 04:00 05:00

Network packets in (count) Count 27.5k 13.7k 0 04:00 05:00

Network packets out (cou... Disk reads (bytes) Disk read operations (ope... Disk writes (bytes)

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21°C Haze ENG 10:33 19-12-2023

DELL

ALARM: "cpu-utilization-alarm" in US West (Oregon) Inbox

my-SNS <no-reply@sns.amazonaws.com>  
to me ▾ 10:31 (2 minutes ago)

You are receiving this email because your Amazon CloudWatch Alarm "cpu-utilization-alarm" in the US West (Oregon) region has entered the ALARM state, because "Threshold Crossed: 1 out of the last 1 datapoints [53.998305084745766 (19/12/23 04:51:00)] was greater than the threshold (50.0) (minimum 1 datapoint for OK -> ALARM transition)." at "Tuesday 19 December, 2023 05:01:04 UTC".

View this alarm in the AWS Management Console:  
<https://us-west-2.console.aws.amazon.com/cloudwatch/deeplink.js?region=us-west-2#alarmsV2:alarm/cpu-utilization-alarm>

Alarm Details:

- Name: cpu-utilization-alarm
- Description:
- State Change: OK -> ALARM
- Reason for State Change: Threshold Crossed: 1 out of the last 1 datapoints [53.998305084745766 (19/12/23 04:51:00)] was greater than the threshold (50.0) (minimum 1 datapoint for OK -> ALARM transition).
- Timestamp: Tuesday 19 December, 2023 05:01:04 UTC
- AWS Account: 820641148543
- Alarm Arn: arn:aws:cloudwatch:us-west-2:820641148543:alarm:cpu-utilization-alarm

Threshold:

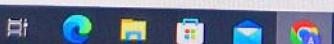
- The alarm is in the ALARM state when the metric is GreaterThanThreshold 50.0 for at least 1 of the last 1 period(s) of 300 seconds.

Monitored Metric:

- MetricNamespace: AWS/EC2
- MetricName: CPUUtilization
- Dimensions: [InstanceId = i-08584224b86389cb1]
- Period: 300 seconds
- TreatMissingData: average
- Unit: not specified
- Value: missing

Enable desktop notifications for Gmail. OK No, thanks X

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DELL