

CloudWatch | ap-south-1

ap-south-1.console.aws.amazon.com/cloudwatch/home?region=ap-south-1#dashboards/dashboard/Dashboard1

Add metric graph

Untitled graph ☐ Persist time range ⓘ

You can now persist the time range for this widget in your dashboard. This widget will then keep its time range and be independent from the global dashboard time range picker.

Custom UTC timezone Line

Add math Add query

Browse Multi source query Graphed metrics (1) Options Source

<input type="checkbox"/>	Public_Instance	i-09c8be2cb2eba...	NetworkPacketsIn ⓘ	No alarms
<input checked="" type="checkbox"/>	Public_Instance	i-09c8be2cb2eba...	CPUUtilization ⓘ	No alarms
<input type="checkbox"/>	Public_Instance	i-09c8be2cb2eba...	NetworkPacketsOut ⓘ	No alarms
<input type="checkbox"/>	Public_Instance	i-09c8be2cb2eba...	NetworkIn ⓘ	No alarms
<input type="checkbox"/>	Public_Instance	i-09c8be2cb2eba...	MetadataNoTokenRejected ⓘ	No alarms

Cancel Create widget

Dashboards | Dashboard1 | CloudWatch

ap-south-1.console.aws.amazon.com/cloudwatch/home?region=ap-south-1#dashboards/dashboard/Dashboard1

CloudWatch Dashboards Dashboard1

Dashboard1 ☆

Autosave: Off Period override mixed (auto)

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

CPUUtilization ⓘ

Last 3 hours

No unit

1 No data available.
Try adjusting the dashboard time range.

0.5

0

07:30 10:30

CPUUtilization

CloudShell Feedback

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Alarms | CloudWatch | ap-south-1

ap-south-1.console.aws.amazon.com/cloudwatch/home?region=ap-south-1#alarmsV2:

alarm dashboard

CloudWatch > Alarms

Alarms (0)

☐ Hide Auto Scaling alarms

Clear selection Create composite alarm Actions **Create alarm**

Search Alarm state: Any Alarm type: Any Actions status: Any < 1 >

Name	State	Last state update (UTC)	Conditions
No alarms			
No alarms to display			
Read more about Alarms			
Create alarm			

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29°C Haze 16:05 24-01-2025

Select metric | Alarms | CloudW

ap-south-1.console.aws.amazon.com/cloudwatch/home?region=ap-south-1#alarmsV2:create?~(Page~'MetricSelection~AlarmType~'MetricAlarm~AlarmData~...

Select metric

Untitled graph

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

Browse Multi source query Graphed metrics (1) Options Source **Add math** **Add query**

Per-instance metrics Search for any metric, dimension, resource id or account id

Instance name	Instance ID	Metric name	Alarms
No name specified	i-0249035a58222...	CPUUtilization	No alarms
No name specified	i-0235759674c11...	CPUUtilization	No alarms
<input checked="" type="checkbox"/> Public_Instance	i-09c8be2cb2eba...	CPUUtilization	No alarms
No name specified	i-063354f5c4312...	CPUUtilization	No alarms

Cancel **Select metric**

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Create alarm | Alarms | CloudW... x +

ap-south-1.console.aws.amazon.com/cloudwatch/home?region=ap-south-1#alarmsV2:create?~(Page~MetricSelection~AlarmType~MetricAlarm~AlarmData~... ☆ R

aws alarm dashboard

CloudWatch > Alarms > Create alarm

1

0.5

0

08:30 09:30 10:30

CPUUtilization

AWS/EC2

Metric name

CPUUtilization

InstanceId

i-09c8be2cb2eba2a34

Instance name

Public_Instance

Statistic

Average

Period

1 minute

Conditions

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ENG IN

16:07 24-01-2025

Create alarm | Alarms | CloudW... x +

ap-south-1.console.aws.amazon.com/cloudwatch/home?region=ap-south-1#alarmsV2:create?~(Page~MetricSelection~AlarmType~MetricAlarm~AlarmData~... ☆ R

aws alarm dashboard

CloudWatch > Alarms > Create alarm

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.

5

Must be a number

Additional configuration

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Create alarm | Alarms | CloudW

ap-south-1.console.aws.amazon.com/cloudwatch/home?region=ap-south-1#alarmsV2:create?~(Page~'Actions~AlarmType~'MetricAlarm~AlarmData~(Names...

alarm dashboard

CloudWatch > Alarms > Create alarm

Step 4
Preview and create

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

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.

rahulnagavath2227@gmail.com

user1@example.com, user2@example.com

Create topic

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16:08
24-01-2025

Create alarm | Alarms | CloudW

ap-south-1.console.aws.amazon.com/cloudwatch/home?region=ap-south-1#alarmsV2:create?~(Page~'Details~AlarmType~'MetricAlarm~AlarmData~(Namesp...

alarm dashboard

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

Instance overload

Alarm description - optional

View formatting guidelines

Edit

Preview

This is an H1

double asterisks will produce strong character

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.

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16:09
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Create policy | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/policies/create

Search [Alt+S]

IAM > Policies > Create policy

Step 2
Review and create

Policy editor

Visual JSON Actions

```
1 {
2   "Version": "2012-10-17",
3   "Statement": [
4     {
5       "Effect": "Allow",
6       "Action": [
7         "logs:CreateLogGroup",
8         "logs:CreateLogStream",
9         "logs:PutLogEvents",
10        "logs:DescribeLogStreams"
11      ],
12      "Resource": [
13        "*"
14      ]
15    }
16  ]
17 }
```

Edit statement Remove

Add actions

Choose a service

Filter services

Included

CloudWatch Logs

Available

AI Operations

AMP

API Gateway

API Gateway V2

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16:14 24-01-2025

Policies | IAM | Global

us-east-1.console.aws.amazon.com/iam/home?region=ap-south-1#/policies

Search [Alt+S]

IAM > Policies

Identity and Access Management (IAM)

Search IAM

Dashboard

Access management

User groups

Users

Roles

Policies

Identity providers

Account settings

Root access management New

Access reports

Policy Monitoring created. View policy

Policies (1324) Info

A policy is an object in AWS that defines permissions.

Filter by Type

Search

All types

	Policy name	Type	Used as	Description
<input type="radio"/>	AccessAnalyzerSer...	AWS managed	None	Allow Access Analyzer to analyze res
<input type="radio"/>	AdministratorAccess	AWS managed - job fu...	None	Provides full access to AWS services ;
<input type="radio"/>	AdministratorAcce...	AWS managed	None	Grants account administrative permi
<input type="radio"/>	AdministratorAcce...	AWS managed	None	Grants account administrative permi
<input type="radio"/>	AIOpsAssistantPolicy	AWS managed	None	Provides ReadOnly permissions requi
<input type="radio"/>	AIOpsConsoleAdmi...	AWS managed	None	Grants full access to Amazon AI Ops

CloudShell Feedback

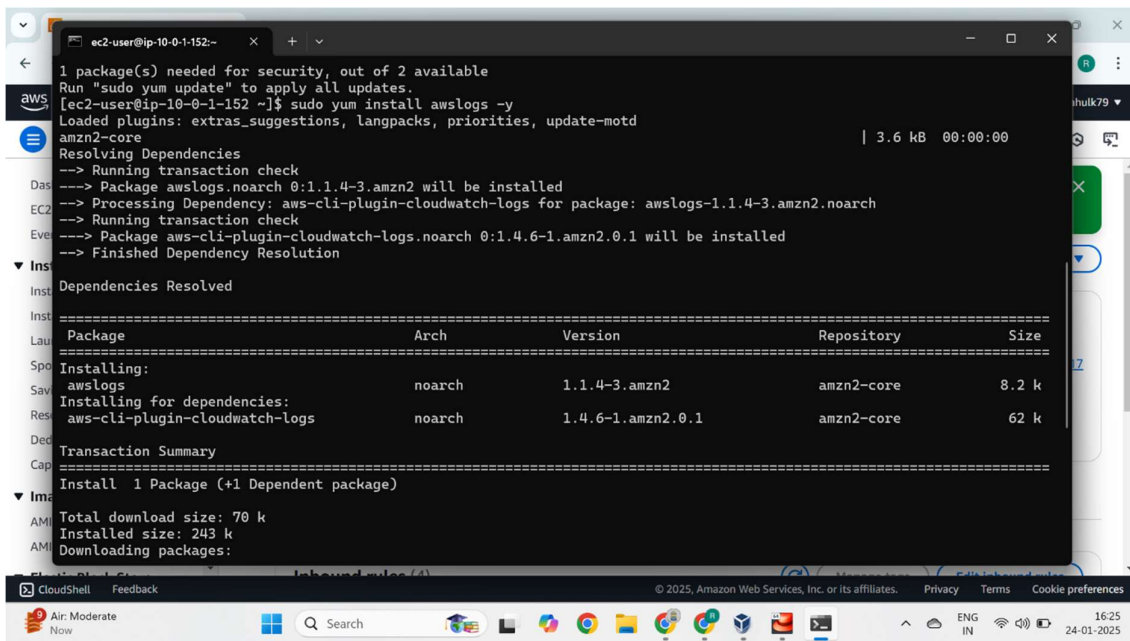
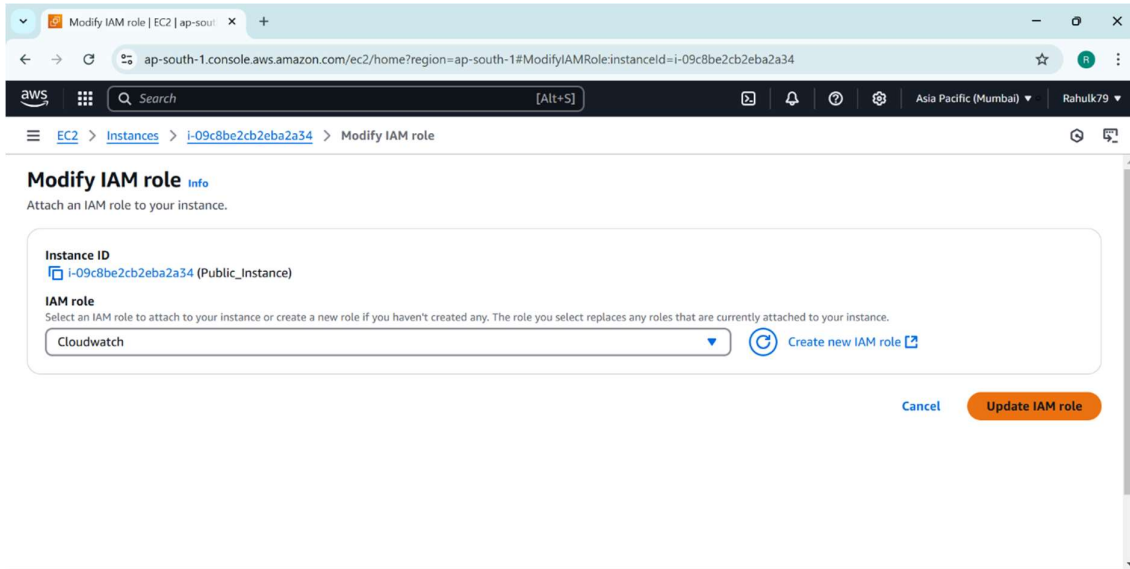
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ENG IN

16:15 24-01-2025




```

ec2-user@ip-10-0-1-152:~
[plugins]
cwlogs = cwlogs
[default]
region = ap-south-1
-- INSERT --
4,20 All

```

```

ec2-user@ip-10-0-1-152:~$ cat /etc/nginx/nginx.conf
#
# User
user www;

# Worker processes
worker_processes 1;

# Error log
error_log /var/log/nginx/error.log warn;

# PID file
pid /var/run/nginx.pid;

# Events and workers
events {
    worker_connections 1024;
}

http {
    # Basic
    include /etc/nginx/mime.types;
    default_type application/octet-stream;

    # Logging
    log_format main '$remote_addr - $remote_user [$time_local]
        "$request" $status $body_bytes_sent';
    access_log /var/log/nginx/access.log main;

    # Gzip
    gzip on;

    # Virtual Hosts
    include /etc/nginx/conf.d/*.conf;
    include /var/lib/nginx/conf/*.conf;
}

[ /var/log/nginx/error.log ]
datetime_format = %b %d %H:%M:%S
file = /var/log/nginx/error.log
buffer_duration = 5000
log_stream_name = mywebserver-{instance_id}
initial_position = start_of_file
log_group_name = /var/log/nginx/error.log
-- INSERT --

```



```
Transaction Summary
=====
Install 1 Package (+1 Dependent package)

Total download size: 70 k
Installed size: 243 k
Downloading packages:
(1/2): awslogs-1.1.4-3.amzn2.noarch.rpm | 8.2 kB 00:00:00
(2/2): awscli-plugin-cloudwatch-logs-1.4.6-1.amzn2.0.1.noarch.rpm | 62 kB 00:00:00
-----
Total | 592 kB/s | 70 kB 00:00:00

Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : awscli-plugin-cloudwatch-logs-1.4.6-1.amzn2.0.1.noarch 1/2
  Installing : awslogs-1.1.4-3.amzn2.noarch 2/2
  Verifying : awslogs-1.1.4-3.amzn2.noarch 1/2
  Verifying : awscli-plugin-cloudwatch-logs-1.4.6-1.amzn2.0.1.noarch 2/2

Installed:
  awslogs.noarch 0:1.1.4-3.amzn2

Dependency Installed:
  awscli-plugin-cloudwatch-logs.noarch 0:1.4.6-1.amzn2.0.1

Complete!
[ec2-user@ip-10-0-1-152 ~]$ sudo vi /etc/awslogs/awscli.conf
[ec2-user@ip-10-0-1-152 ~]$ sudo vi /etc/awslogs/awslogs.conf
[ec2-user@ip-10-0-1-152 ~]$ 127L, 8388B written
[ec2-user@ip-10-0-1-152 ~]$
[ec2-user@ip-10-0-1-152 ~]$ sudo systemctl start awslogsd
[ec2-user@ip-10-0-1-152 ~]$
```

CloudWatch | ap-south-1

ap-south-1.console.aws.amazon.com/cloudwatch/home?region=ap-south-1#logsV2:log-groups

Search [Alt+S]

Asia Pacific (Mumbai) RahulK79

CloudWatch > Log groups

CloudWatch

Favorites and recents

Dashboards

Alarms

Logs

Log groups [New](#)

Log Anomalies

Live Tail

Logs Insights [New](#)

Contributor Insights

Metrics

X-Ray traces [New](#)

Events

Log groups (2)

By default, we only load up to 10000 log groups.

☐ Exact match

☐

Log group

☐

/aws/lambda/function2

Standard

[Configure](#)

-

-

Never

☐

/var/log/nginx/error.log

Standard

[Configure](#)

-

-

Never

CloudShell

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