**Using AWS Cloud watch we are creating alarms for the ec2 instance**

**AWS CloudWatch:**

1. AWS cloud watch is used for monitoring entire resources or monitoring entire services on AWS.
2. Aws provides 3 types of monitoring services.

1. cloud watch-----AWS

2. Grafana----------DevOps

3. Prometheus------DevOps

1.Create ec2 and copy ec2 id

2. create cloud watch and all alarms and create alarm and copy ec2 id-CPU utilization and finish 4 steps

0. top

1. sudo su

Install stress command on Ubuntu 22.04.

[How To Install stress-ng on Ubuntu 22.04 | Installati.one](https://installati.one/install-stress-ng-ubuntu-22-04/)

<https://installati.one/install-stress-ubuntu-22-04/>

1. sudo apt-get update

2. sudo apt-get -y install stress-ng

1. stress --version.

increase CPU utilization for Linux instances.

<https://stackoverflow.com/questions/45193411/how-to-increase-aws-ec2-instance-cpu-utilization-to-100-to-test-autoscaling-gro>

1. stress --cpu 50 --timeout 1000

open CloudWatch all alarms and graphs will change.

1. 5. stress --cpu 200--timeout 50000

The graph shows.

We will get a mail alarm.

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated