Amazon-CloudWatch : CloudWatch Dashboard Task1
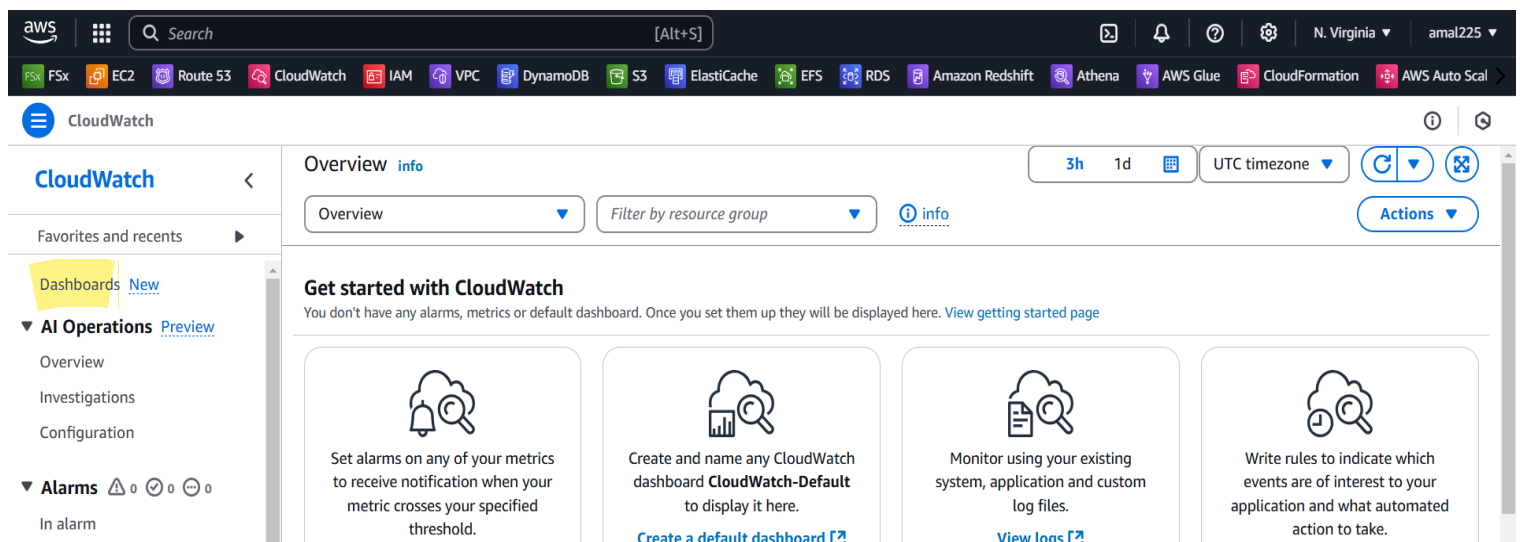
Problem Statement:

You work for XYZ Corporation. To maintain the security of the AWS account and the resources you have been asked to implement a solution that can help easily recognize and monitor the different users. Also, you will be monitoring the machines created by these users for any errors or misconfigurations.

Tasks To Be Performed:

1. Create a dashboard which lets you check the CPU utilization and networking for a particular EC2 instance.

Solution:

1. Create a dashboard which lets you check the CPU utilization and networking for a particular EC2 instance.

- Go to CloudWatch Dashboard ,click dashboard , click create dashboard, provide name ,create dashboard.

Screenshot 1: Custom Dashboards

aws | Search [Alt+S] | N. Virginia ▾ | amal225 ▾

FSx | EC2 | Route 53 | CloudWatch | IAM | VPC | DynamoDB | S3 | ElastiCache | EFS | RDS | Amazon Redshift | Athena | AWS Glue | CloudFormation | AWS Auto S

CloudWatch > Dashboards

CloudWatch ‹

Favorites and recents ▶

Dashboards New

▾ AI Operations Preview
　Overview
　Investigations
　Configuration

▾ Alarms ⚠ 0 ✓ 0 ⊙ 0
　In alarm

Custom dashboards | Automatic dashboards

Custom Dashboards (0) Info | Share dashboard | Delete | **Create dashboard**

🔍 Filter dashboards | ‹ 1 › ⚙

Name ▽	Sharing	Favorite ▲	Last update (UTC) ▽

No dashboards
You have not created any dashboards.
Read more about Dashboards

Create dashboard

Screenshot 2: task1 Dashboard

☰ CloudWatch > Dashboards > task1

ⓘ Autosave: Off

task1 ▾ ☆ | ↶ ↷ | 1h 3h 12h 1d 3d 1w Custom ▦ | UTC timezone ▾ | ↻ ▾ | ⛶ | Actions ▾ | Save | +

No widget on this dashboard.

➕ **Add a first widget**

Screenshot 3: Add widget

Add widget ✕

Data sources types - *new*

◉ 🔍 Cloudwatch
○ </> Other content types
○ ⚙ Create data sources

Widget Configuration

Data type

Metrics	Logs	Alarms

Widget type

◉ **Line**
Compare metrics over time 📈

○ **Data table**
Compare metrics values over time in a table ▦

○ **Number**
Instantly see the latest value for a metric **75 %** 〰

○ **Gauge**
See the latest value of a metric within a range ◠

○ **Stacked area**
Compare the total over

○ **Bar**
Compare categories of

Cancel | **Next**

- Create EC2 instance , then create widget type for EC2.

task1 ▾ ☆

Autosave: Off

1h **3h** 12h 1d 3d 1w Custom 🗒 UTC timezone ▾ ↻ 10 seconds ▾ Actions ▾ Save +

CPUUtilization ⓘ ⋮

No unit

1

No data available.
Try adjusting the dashboard time range.

0.5

0

02:30   03:30   04:30

● CPUUtilization

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task1 ▾ ☆

Autosave: Off

1h **3h** 12h 1d 3d 1w Custom 🗒 UTC timezone ▾ ↻ 10 seconds ▾ Actions ▾ Save +

CPUUtilization ✏️ ⬜ ↻ ⛶ ⓘ ⋮

No unit

1

No data available.
Try adjusting the dashboard time range.

0.5

0

02:30   03:30   04:30

● CPUUtilization

NetworkIn, NetworkOut ⓘ ⋮

0

● NetworkIn ● NetworkOut