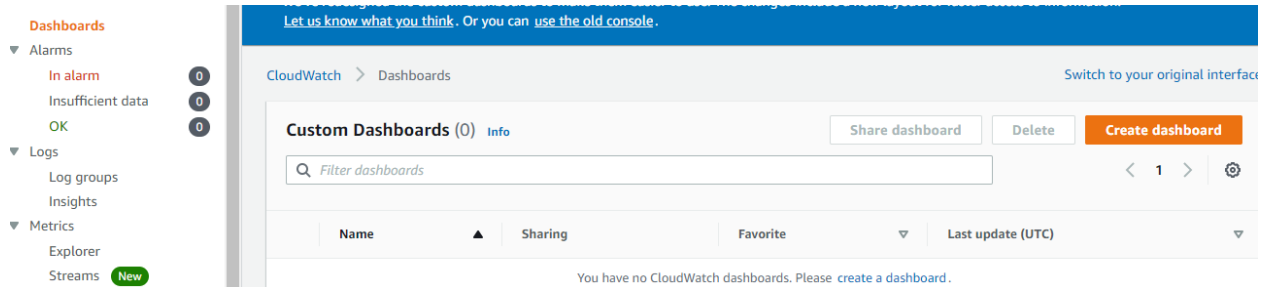Cloud Watch configuration on metrics

1) Create one instance
2) Create a dashboard
   Goto cloudwatch service → click on dashboard → click on create dashboard

Provide the appropriate name and click on Create dashbord

Select the widget as per your choice-example here is explorer

Select EC2 Instances by type from drop down as per below

You will get below output that is our dashboard.
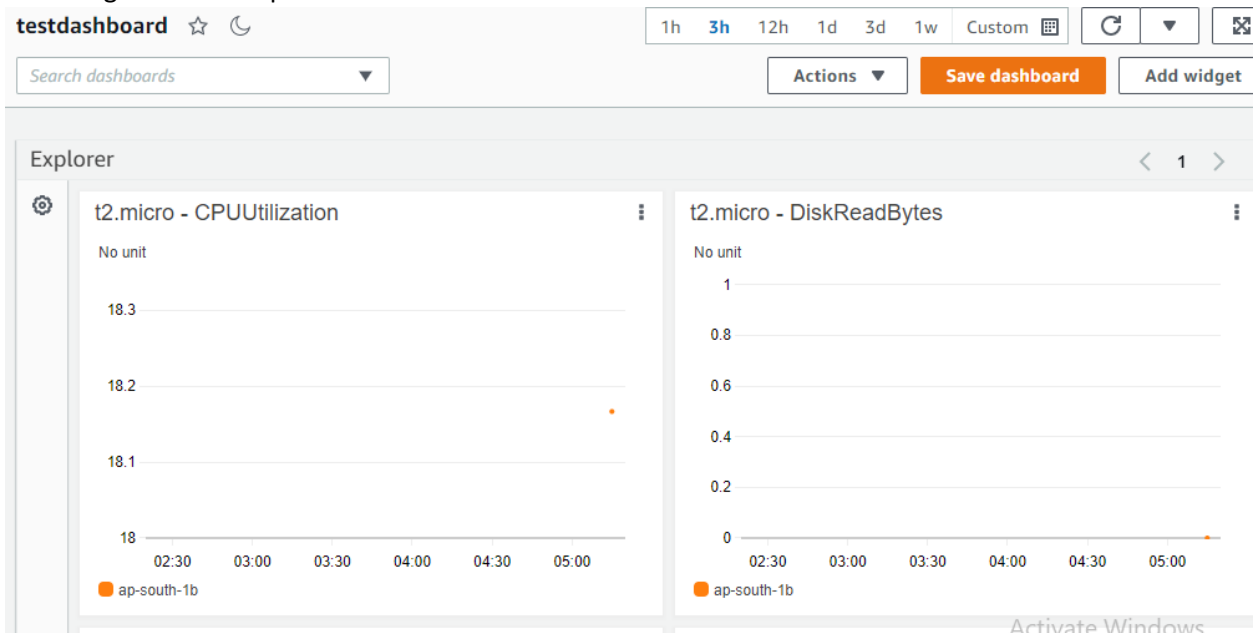
METRIC
Choose a metrics → select EC2 metrics

You can select any metrics as per your choice here we are selecting cpu utilization.

SNS(Simple notification Service)

Provide any suitable name

Choose standard and click on create

Create a subscription

Choose protocol of your requirement – here I am selecting mail and provide your mail id, you will get one mail to your provided mail id for confirmation. Login to your mail id and confirm

ALARM

Click on create alarm

Select metrics

Select Threshold value from conditions and click next

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**

Select the topic name which we have created in SNS in notifications field

Notification

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.

Select an 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

Send a notification to...

Q Select an email list

mytopic

Click next and provide the name of your alarm

Add name and description

Name and description

Alarm name

```
Alarm name
```

Alarm description - *optional*

```
Alarm description
```

Up to 1024 characters (0/1024)

Cancel   Previous   Next