Create a CloudWatch alarm for an instance

You can create a CloudWatch alarm that monitors CloudWatch metrics for one of your instances. CloudWatch will automatically send you a notification when the metric reaches a threshold you specify. You can create a CloudWatch alarm using the Amazon EC2 console or using the more advanced options provided by the CloudWatch console.

- Select the instance for which you want to set the alarm in EC2 \rightarrow Instance.
- Then go to the Monitoring section in the Details Pane
- Select the metrics for which you want to create the alarm
- Click on the 3dots to get the widgets actions. Here you have select View in metrics.
- In CloudWatch go the Alarm, then Create Alarm. Then Select Metric.
- In the pop-up options select EC2 and next select Per-Instance Metrics.
- Search for the instance and the select the option having the required Metric name and click on Select Metric.
- In Metric and Conditions select the required conditions and click on Next.
- In Step 2 under Notification keep it has In alarm and Create new topic, give the desired name and mail id to get the notification when the threshold is reached and click on Create topic. Leave the rest of options as it is and click on Next.
- In Step 3 give the Alarm name and description and click on Next.
- In Step 4 Preview and create your alarm by clicking on Create alarm.
- It will take some time to gate the state of the instance, hence the state is being displayed as Insufficient data. Wait for some time or carry out work in the instance created.
- Run few stress tests then you will get the mail notification for the threshold, you can also see the state of alarm as In alarm in cloudwatch.













