



CLOUD COMPUTING

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Infrastructure as a Service

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Monitoring Service

- Cloud monitoring is a method of reviewing, observing, and managing the operational workflow in a cloud-based IT infrastructure
- Measure the performance of websites, servers, applications etc.
- Database, website, Virtual networks, storage, VMs can be monitored
- We can set thresholds and alarm the user when the threshold is reached

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AWS-Cloud Watch

- Amazon CloudWatch monitors operational and performance metrics for your AWS cloud resources and applications.
- You can create your own dashboards of which metric you want to measure
- You can also set alarms and automate actions to manage your ec2, rds and s3.

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Cloud Watch

Basic monitoring

Is free

Polls every 5 minutes

10 metrics

5GB of data ingestion

5GB of data storage



Amazon
CloudWatch

Detailed monitoring

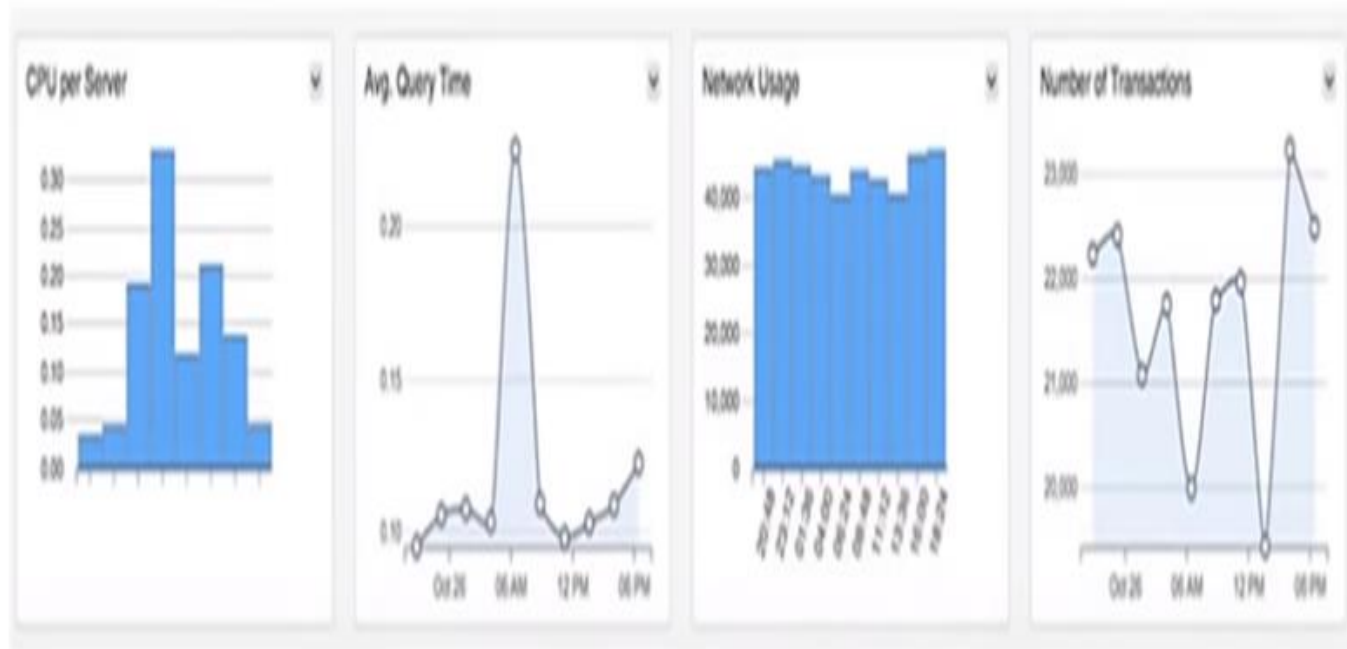
Is chargeable

Charged per instance per month

Polls every minute

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Cloud Watch - Dashboard



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Cloud Watch : Creating Dashboard



1. Open the CloudWatch console at <https://console.aws.amazon.com/cloudwatch/>.
2. In the navigation pane, choose **Dashboards** and then **Create dashboard**.
3. In the **Create new dashboard** dialog box, enter a name for the dashboard and choose **Create dashboard**.

4. In the **Add to this dashboard** dialog box: (any one step)
 - To add a graph to your dashboard, choose **Line** or **Stacked area** and choose **Configure**.
 - To add a number displaying a metric to the dashboard, choose **Number** and then **Configure**.

In the **Add metric graph** dialog box, select the metrics to graph and choose **Create widget**.

4. Repeat step4 to have multiple widgets
5. Choose Save Dashboard

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Cloud Watch : Creating Alarms

- You can create alarms and automate certain actions in the resources
- Give the alarm the name and the description
- Select the resource you want to trigger an alarm
- Set the threshold
- Specify the action.



THANK YOU

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