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Introduction to CloudWatch

Master AWS CloudWatch for effective cloud monitoring!

DEFINITION

> Amazon CloudWatch is a monitoring service for AWS cloud resources and applications. It provides data and insights to help you manage your applications and infrastructure.

KEY CONCEPTS

Metrics

Metrics are numerical data points collected over time, such as CPU usage or disk I/O.

Alarms

Alarms trigger actions based on metric thresholds, alerting you to potential issues.

Logs

CloudWatch Logs allow you to monitor, store, and access log files from your applications.

Dashboards

Dashboards provide a visual representation of your metrics and alarms for easy monitoring.

Events

CloudWatch Events enable you to respond to changes in your AWS environment automatically.

EXAMPLES

→ Set an alarm for CPU usage exceeding 80%.

→ Create a dashboard to visualize application performance metrics.

→ Store application logs for troubleshooting and analysis.

MEMORY TIPS

★ Think of CloudWatch as a 'watchful eye' on your AWS resources.

★ Remember 'MALD' for Metrics, Alarms, Logs, Dashboards.

★ Visualize a dashboard as a car's dashboard showing performance indicators.

COMMON MISTAKES

✗ Forgetting to set alarms for critical metrics.

✗ Neglecting to review logs regularly for troubleshooting.

✗ Overlooking the cost implications of excessive metrics collection.

QUICK RECAP

Amazon CloudWatch is essential for monitoring AWS resources and applications. It provides metrics, alarms, logs, and dashboards to help manage performance effectively.