aws

Observability Workshop

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> **"Everything fails, all the time."**
>
> **Dr. Werner Vogels**
> CTO, Amazon

What is Observability?

INVESTIGATE

DETECT

REMEDIATE

Monitoring more than failures

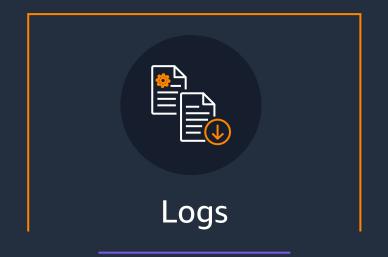Is it behaving
as expected?

What is the usage?

What is the
business impact?

Foundation for observability

Logs

Metrics

Traces

AWS monitoring and observability services help you maintain SLAs by **detecting, investigating, and remediating problems** to achieve

Availability   Reliability   Performance

Monitoring impacts operational and business outcomes

Get visibility

Troubleshoot
in real time

Improve customer
experience

Build highly-
resilient apps

Operational

Business

Full-stack observability at AWS

AWS Observability

CloudWatch ServiceLens

- Container Insights
- Lambda Insights
- Digital Experience Monitoring
- Contributor Insights

CloudWatch metrics

Amazon Managed Service for Prometheus

CloudWatch RUM

AWS X-Ray

CloudWatch Logs

CloudWatch Synthetics

CloudWatch Evidently

Amazon OpenSearch Service

Custom-built dashboards and data correlation, collection, configuration, etc.

Amazon Managed Grafana

CloudWatch agent | X-Ray agent | **INSTRUMENTATION** | AWS Distro for OpenTelemetry

Next: Hands-On Labs

Instructions: https://update.with.url