Amazon CloudWatch

Simplify Visibility with Container Monitoring and Anomaly Detection

Learn how AWS can help you navigate the increasing complexities of observability, and give you full stack visibility into your containerized services.

aws

More Intelligent Analysis with Amazon CloudWatch Container Insights

If you run containers on AWS or on-premises, Container Insights can collect data at every layer of the performance stack, summarizing metrics and logs from your containerized applications and services.

Get visibility into your Amazon Elastic Container Service (Amazon ECS), AWS Fargate, Amazon Elastic Kubernetes Service (Amazon EKS), and Kubernetes containers and clusters.

Monitor health and performance using automatic dashboards

Resource utilization metrics

Cluster-specific health metrics

Curated views for clusters, containers, services, nodes/EC2 instances, and namespaces

Troubleshoot and debug using CloudWatch Logs Insights

Analyze highly granular performance events alongside system data

Analyze application, host, and cluster level logs

Contextual trace analysis with AWS X-Ray

CloudWatch simplifies how you monitor, observe, alarm on, and troubleshoot infrastructure and performance issues of your containers ecosystem.

Easily Detect Anomalous Issues

With anomaly detection, machine learning algorithms analyze metric behavior, continuously learning and adjusting as metric patterns change over time.

How Anomaly Detection enables proactive control

Simple, 1-time enablement

Dynamic alarms that auto-adjust thresholds

Awareness of daily or weekly seasonality, trends, and level shifts

Anomaly Detection enhances your monitoring of containers **and other resources in CloudWatch**

Amazon CloudWatch is a monitoring and management service that provides a unified view of AWS and on-premises resources, applications, and services.

Collect
metrics and logs

Monitor
with automatic dashboards and alarms

Automate actions
in response to alarms and events

Analyze
with extended data retention and real-time metric analysis

With Amazon CloudWatch and other AWS Management and Governance services, you can enable, provision and operate your resources and applications to improve business agility and maintain governance control.

Learn more about Amazon CloudWatch at
aws.amazon.com/cloudwatch