

Amazon CloudWatch ServiceLens and Contributor Insights:

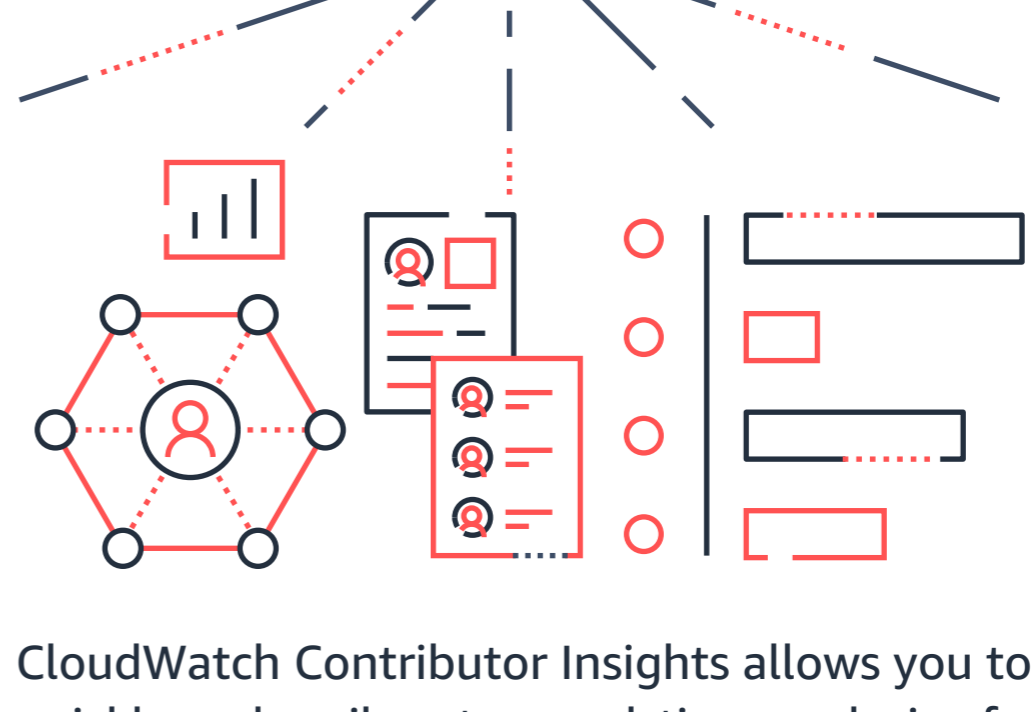


Fully managed solutions for application health and performance monitoring

With CloudWatch ServiceLens and Contributor Insights, expedite resolution by quickly narrowing down investigations during operational events.



CloudWatch ServiceLens gives you unified access to metrics, logs, traces and canaries, enabling performance monitoring from end user interaction to infrastructure layer insights.



CloudWatch Contributor Insights allows you to quickly and easily set up real-time analysis of time-series data, to understand who or what is impacting system and application performance the most.

Improve observability in 3 key areas

End user monitoring

Monitor application endpoints 24/7, assessing the impact to the end-customer and alerting you in case of failures

Transaction monitoring

Track requests as they travel through the entire application using traces, and identify bottlenecks or performance issues

Infrastructure monitoring

Gain insights into resources, servers, databases, and networks using metrics and logs

Monitor and troubleshoot issues with microservice-based applications

- End-to-end view of applications and their dependencies**
 - Quickly pinpoint performance bottlenecks
 - Determine which users are impacted
 - Identify root causes

Amazon CloudWatch Synthetics gives you an easy way to monitor end user experience and tie issues back to infrastructure level insights
- Visibility into all services of your applications, regardless of resource type**
- Faster Mean Time to Resolution (MTTR)**
 - View critical latency, request, and error metrics at each resource
 - Easily isolate endpoints and application resources facing issues
 - Analyze correlated metrics, logs, and traces from resources

Access dynamically populated dashboards for each resource

Monitor applications easily with a Service Map and intuitive interface

Service Map ties together monitoring data from across your applications

- Determine relationships and dependencies across resources
- Visualize end user impact using canary data
- Quickly isolate the root cause of an issue

Intuitive interface helps you investigate the health of your resources

- Dive deep into monitoring data
- See resource's traces, metrics, and logs summarized in one place

Real-time Top-N analysis for system and application performance

Analysis of monitoring data has moved beyond simple reporting of basic stats to slicing and dicing data sets across multiple dimensions. CloudWatch Contributor Insights allows you to easily view the top contributors impacting the performance of your systems and applications in real-time.

- Analyze top contributors to time-series data**
 - Pinpoint outliers
 - Identify impacted users
 - Rank DynamoDB Traffic Patterns

Provides an at-a-glance view of the traffic trends of your DynamoDB table and helps you identify the most frequently accessed keys
- Faster remediation and better optimization of your system**

Quickly isolate, diagnose, and remediate issues during an operational event

 - Analyze the impact on customers or applications
 - Get actionable alerts from CloudWatch alarms when pre-defined thresholds are exceeded

Perform ongoing analysis for system and business optimization

 - Reduce operational cost
 - Eliminate the need to store individual metrics for all dimensions

With CloudWatch ServiceLens and Contributor Insights, the evolution of application visibility is here. With a unified view of metrics, logs, traces and canaries, you can simplify monitoring and optimize application performance.

[Learn more at aws.amazon.com/cloudwatch](https://aws.amazon.com/cloudwatch)