

Application Observability

Integrated Observability solution for logs, metrics, and traces for microservices architectures

Sumo Logic's Continuous Intelligence Platform™ for Application Observability enables faster issue resolution and root cause analysis with seamless integration between performance monitoring, distributed transaction tracing, and logs.

Reliability is key to competitive user experiences

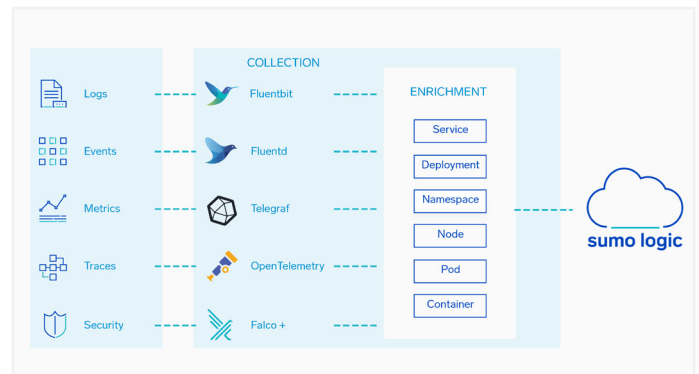
Today's hyper-competitive and evolving world means downtime and application issues translate directly into lost revenue and impact to brand perception. New architectures like microservices and technologies like Kubernetes provide tools for building highly scalable applications and enable the ability to innovate quickly and accelerate time to market. However, these same platforms greatly increase the complexity of application architectures and have made the process of monitoring those applications—and subsequently investigating and solving issues—much more difficult. Introducing Observability as part of the application strategy early is key to reliability; and, using open source tools like OpenTelemetry provide flexibility and portability not possible with proprietary vendor tools.

How to achieve observability

Merely collecting telemetry such as logs, metrics, and traces isn't enough to achieve full stack visibility. Observability requires powerful unified analytics across the entire set of data to quickly uncover insights on the behavior of the application. This means that all data should be centralised and monitoring silos broken down.

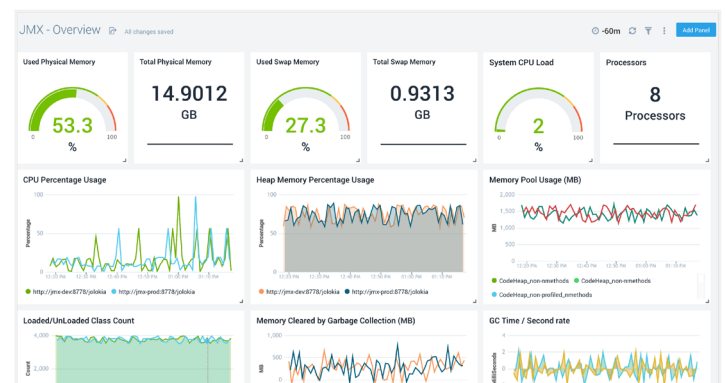
Sumo Logic's Application Observability Solution

Sumo Logic Application Observability provides customers cloud-native transactional intelligence by enriching and analyzing logs, metrics, and traces in real-time with automatically generated application topology. All telemetry signals are fully integrated providing a seamless end-to-end experience to reduce downtime by streamlining root cause analysis. Sumo Logic is designed from the ground up with open standards like OpenTelemetry/Telegraf.



Hundreds of integrations and full support for open source standards

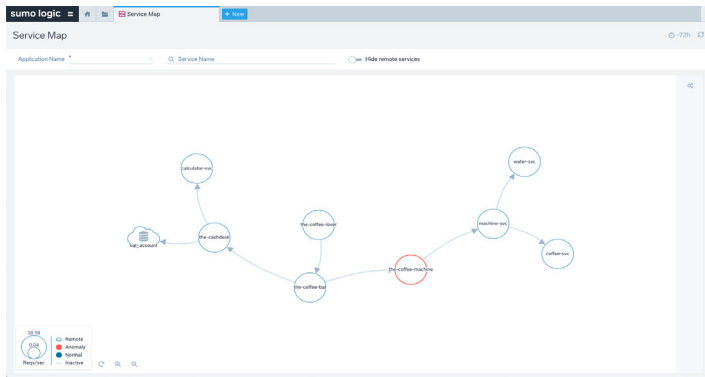
Sumo Logic's solution provides support for the open standard of your choice so you can enable transactional visibility without vendor lock-in. Additionally, pre-built integrations allows your teams to quickly monitor application infrastructure with out of the box dashboards and pre-configured alerts.



Visualize the complete set of microservices and connections between them

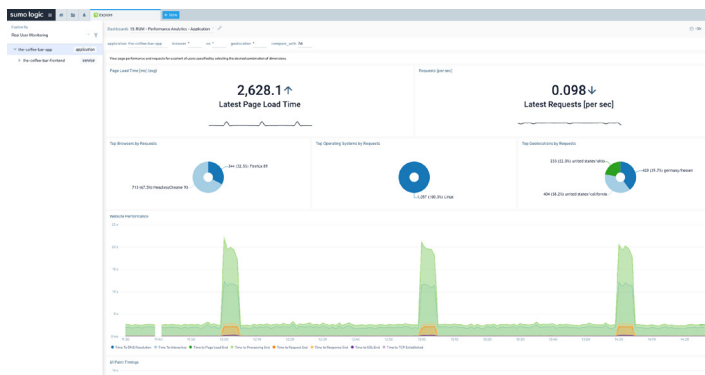
Service Map view helps users understand end to end transactions and the dependencies between services. Using aggregated

metrics from traces, users visualize service health and how it could impact related services. Service maps makes it easy for users to identify services that are under heavy load or are experiencing latency increases.



Measure the real user experience

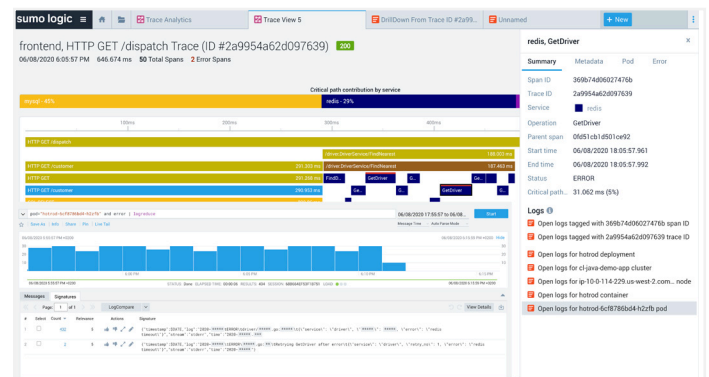
Real user monitoring (RUM) extends traces into the browser providing a complete end-to-end view of each user interaction. RUM provides metrics about how the application front end is responding by tracking page load times, time to interactive, and other dimensions of web page performance. Gain additional insights from your real users such as browser, OS, geography, and device types.



Seamlessly drill down to logs and correlate across all data

The Sumo Logic microservices observability solution automatically correlates problematic traces with error logs and performance

metrics. Users can instantly drill down from transactions **to logs and easily pinpoint a root cause of the problem** with all the important telemetry data at hand.



Why should you consider Sumo Logic?

- It unifies logs, metrics, and traces and provides a holistic view of application reliability. All signals are enhanced by shared metadata to allow you to quickly drill down and pivot depending on the type of data and viewpoint you need and your use case.
- It is open and flexible. We fully support Telegraf for a wide range of metrics collection as well as all open standards for tracing. The platform is ready to ingest virtually any type of distributed tracing telemetry through our own collection methods or integrated with your collection approach.
- It's built with security and scalability by design -- because it's the same Sumo Logic platform that already has certifications like ISO 27001 and SOC 2 Type 2.
- It has a rich analytics layer that allows you to unleash the power of Sumo Logic log search analytics across all data.
- Sumo Logic provides powerful and efficient data tiering options to make it easy to balance data availability with cost.

About Sumo Logic

Sumo Logic is the pioneer in continuous intelligence, a new category of software to address the data challenges and opportunities presented by digital transformation, modern applications, and cloud computing. The Sumo Logic Continuous Intelligence Platform™ automates the collection, ingestion, and analysis of application, infrastructure, security, and IoT data to derive actionable insights. For more information, visit www.sumologic.com.

