

Sumo Logic enhances observability suite for application and infrastructure performance

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Sumo Logic enhances observability suite for application and infrastructure performance

The new DevSecOps-oriented tools, announced this week at the company's Illuminate virtual conference, are part of Sumo Logic's Continuous Intelligence Platform, designed to provide real-time, deeper insights into critical enterprise infrastructure and applications.

As enterprises grapple with rapidly evolving IT infrastructures, fueled by accelerated cloud migrations during the pandemic, Sumo Logic is delivering a new set of infrastructure [observability](#) tools and telemetry data analytics designed to ensure maximum business uptime and smooth software application performance.

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Observability is a relatively new term in IT that describes the task of monitoring enterprise applications and distributed infrastructure. Systems that provide observability go beyond previous application performance initiatives, providing a high-level overview of IT infrastructure along with granular metrics for efficiency, data, and security management.



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According to a recent [report](#) from APM company New Relic , more than 94% of 1,300 respondents said observability (sometimes referred to as O11y) is critical to the success of their role. Furthermore, more than 80% of C-suite executives who participated in the survey said they want to increase their observability budgets.

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New Relic also reports that more than 91% of IT decision-makers surveyed believe observability is critical at every stage of the software lifecycle, with a particular emphasis on planning and operations.

Advanced analytics enhance business uptime

As part of its new product line, Sumo Logic released a new tool called "Full Alert Response Advanced Analytics," designed to automate the problem resolution and troubleshooting process. Compared to the earlier practice of manually identifying and resolving issues, the new tool uses [machine learning](#) to analyze data from all incoming data points to ensure that the so-called observer (the IT staff responsible for observation) accurately understands the application or network problem.

This enables companies to take corrective action while saving time, providing customers with the best digital experience and ensuring uptime for critical business applications, said Erez Barak, vice president of product development at Sumo Logic.

Sensu increases insights across cloud platforms

Sumo Logic, which acquired code monitoring software provider Sensu in June, has also added Ser real-time insights from unstructured data for troubleshooting, performance improvement, and s infrastructure.

"With the addition of Sensu Go, enterprises now have access to native monitoring-as-code capab their observability pipelines and accelerate troubleshooting, diagnostics, and self-healing from ba Barak said.

Andy Thurai, vice president and principal analyst at Constellation Research, said the addition of Sensu provides the Sumo Logic platform with visibility into multi-cloud environments, including AWS, Google Cloud Platform and Microsoft Azure.

"When you combine this with the addition of monitoring-as-code capabilities, it becomes even easier for developers to easily build security, monitoring, and observability into all their production applications. Integration with configuration management tools like Chef, Terraform, etc. makes this a compelling choice for site reliability engineers (SREs) as well," Thurai said.

In addition to Sensu Go, the company also announced Sensu Plus – a new service that generates insights from an enterprise's data pipeline.

Observability across heterogeneous datasets

Other announcements from Sumo Logic this week include the beta launch of Sumo Logic OpenTelemetry Distro and Ecosystem Support, designed to serve enterprises working with heterogeneous data sets – a typical situation for most large



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companies today. Open Telemetry Distro is an agent-based collector that provides users with a single agent to collect all their critical telemetry data, including logs, metrics, and traces.

The company added that it will support AWS OpenTelemetry Distro to help collect observability signals in an effort to make it easier to run workloads on AWS, and will also support Red Hat OpenShift Operator through the Re

Adding OpenTelemetry Distro is a good step because observability for hyperscale infrastructure applications is more complex to manage than for private data center operations, Thurai said.

"As developers and DevOps teams favor open source, cloud-native, highly scalable tools like Prometheus enterprise must consider OpenTelemetry integration. SumoLogic's adoption of the AWS OpenTelemetry first step. When you combine that with Red Hat's OpenShift adoption, it can also help enterprises that are still exploring hybrid or multi-cloud options," said Thurai.

On the security front, Sumo Logic added several updates, including [\(VMs\), containers, and serverless functions in multi-cloud](#) and hybrid [across servers, virtual machines](#) (Open Extended Detection and Response) for workloads running [out-of-the-box XDR](#) cloud environments.

As part of the update, Sumo Logic said it is releasing out-of-the-box integrations for 38 databases, data formats, and DevOps tools to support more robust observability. Supported tools and databases include Cassandra, Kafka, Azure WebApp, Windows JSON, Tomcat, MS SQL Server, MongoDB, Apache, PostgreSQL, Nginx, Nginx Ingress, MySQL, Kubernetes, Azure Event Hub Collection, and AWS CloudTrail DevOps.

According to a New Relic report, while interest in observability is growing, the survey results also indicate that it may take some time before observability tools are widely deployed. The survey report states that only half of the surveyed companies are implementing observability technologies, with respondents citing lack of resources (38%), skills (29%), understanding of benefits (27%), and strategy (26%) as the top barriers to successful implementation.



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