sumologic

Continuous Intelligence for Amazon Web Services

Service Delivery and Performance Monitoring of AWS Infrastructures

As organizations transition to an Amazon Web Services infrastructure to innovate and lead, a requirement to monitor the delivery and performance of this critical service is essential. Organizations need continuous intelligence about their cloud infrastructure in the form of real-time, machine data analytics that generate business and operational insights to drive competitive advantage, business value, and growth. Sumo Logic is the only cloud-native service that delivers continuous intelligence so organizations can monitor the service delivery and performance of their Amazon Web Services infrastructure to ensure services are available and performing at the highest levels that serve the business and its users.

Simplify and Accelerate Migrations to AWS

As organizations transition to AWS from on-premise or other cloud infrastructures and migrate core infrastructure components, services and applications, the monitoring of the new infrastructure is a challenge. Sumo Logic easily scales on-demand, across any infrastructure to meet the challenges of cloud migration, and provides IT teams with real-time visibility into the operational status, KPIs, and usage metrics of each infrastructure tier that is being migrated.

Operational Visibility Across Hybrid Infrastructures

Sumo Logic provides operational visibility with a unified view across AWS, other cloud, and on-premise infrastructures. With a comprehensive set of applications and integrations for AWS services and off-the-shelf applications, Sumo Logic delivers instant visibility through pre-built dashboards, searches, queries, and reports. Teams immediately visualize and monitor their workloads easily, identify issues, and expedite root-cause analysis.

Automate Cloud Audit and Compliance

Sumo Logic simplifies compliance and security monitoring — often the biggest barriers to cloud adoption. Administrators can monitor user access, platform configuration changes across all AWS and on-premise workloads, and generate audit trails to demonstrate compliance with internal security standards and industry regulations such as PCI and HIPAA. Pre-built apps and powerful machine learning algorithms automate cloud audits and quickly uncover compliance violations, outliers, and anomalies in real-time.

The Cloud-Native Analytics Service

True SaaS — Sumo Logic's cloud-native architecture scales on demand to streamline massive workload migrations, expanding deployments, and seasonal spikes. As a cloud service, Sumo Logic easily overcomes the inherent limitations of traditional or managed service architectures that deliver rigid capacity and require overprovisioning.

Native AWS Integrations — Delivering the industry's most comprehensive set of solutions that monitor the service delivery and performance of an AWS infrastructure, native integrations ensure services are available and performing at expected levels.

Full-Stack Visibility — Sumo Logic delivers seamless cloud-to-cloud and cloud to on-premise integrations that deliver instant operational insights across microservices, traditional applications, edge services, and cloud services.

Machine Learning Analytics —With built-in pattern detection, anomaly detection, transaction analytics, outlier detection, and predictive analytics, Sumo Logic provides real-time visibility across thousands of data streams and seamlessly detects and predicts conditions that indicate potential performance, reliability or security issues.

Security Confidence — Sumo Logic is the industry's benchmark in delivering secure SaaS. Built on top of the secure AWS infrastructure, the cloud-native service delivers the following additional security measures to protect customer data:

+ PCI DSS 3.0 Service Provider Level 1 Certification
+ SOC 2 Type 2 & HIPAA Compliance Attestation
+ 256 AEP Encryption at Rest
+ TLS Encryption in Transit
+ FIPS-140
+ U.S. EU Safe Harbor framework

DEVOPS   **IT INFRASTRUCTURE AND OPERATIONS**   **COMPLIANCE AND SECURITY**
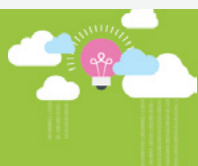
Operational Visibility from Amazon Web Service Infrastructures

With Sumo Logic, organizations gain operational visibility across their entire AWS infrastructure or application stack, surfacing both knowns and unknowns. They gain the ability to operate and innovate in the cloud with security and confidence, where insights become opportunities to improve application performance and customer experiences.

App for AWS CloudTrail

+ Investigate user behavior patterns
+ Monitor platform configuration changes
+ View account settings, usage and billing status

App for AWS CloudFront

+ Perform visitor analytics, improve quality of service, and reduce errors and downtime
+ Correlate CloudFront data with internal data
+ Measure the business impact of CDN performance and quality of service

App for AWS Elastic Load Balancer

+ Analyze status codes based on the ELB and backend instances
+ Integrate IP address with number and size of requests
+ Comprehensive overview of the environment

App for AWS Simple Storage Service

+ Monitor all data that resides within AWS S3 buckets
+ Index, search and analyze performance and audit/ access logsx
+ Generate reports and determine AWS billing and usage patterns

App for AWS Config

+ Monitor the modification of AWS resources
+ Analyze configuration trend
+ View relationships between AWS resources

App for Amazon VPC Flow Logs

+ Understand network latency and failures
+ Monitor trending behaviors and traffic patterns
+ Generate network traffic alarms for observed anomalies and outliers

Sumo Logic Amazon Kinesis Connector

+ A Java connector between Kinesis Streams and Sumo Logic
+ Allows for scalable integration with CloudWatch Logs

"Sumo Logic has allowed McGraw Hill Education to move to AWS with confidence, enable real-time visibility across the entire stack, all at reduced TCO."

Shane Shelton, Sr. Director, Application Performance & Development Operations

INTERACTIVE INTELLIGENCE

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www.sumologic.com/aws