



Struggling with Graphite Monitoring?

5 reasons why you should consider Sumo Logic to manage metrics and logs

Enterprises that use the open source Graphite software to monitor their mission critical applications know well the challenges in using and running Graphite. Graphite is great for a small scale environment, but it creates lots of cost and complexity headaches as your environment scales. In this note, we will highlight 5 reasons why you should consider a purpose built metrics software services such as Sumo Logic to replace your Graphite implementation.

1. Don't just focus on metrics - Ingest, correlate and analyze all your logs and metrics to troubleshoot application issues faster

Anyone responsible for application performance knows that logs and metrics are critical to managing app health. Metrics provide app and infrastructure KPI's like CPU, memory usage, latencies, SQL execution times etc. Logs, on the other hand, provide you context into application and infrastructure execution KPI's – errors, warnings, relevant events like configuration changes, code pushes, etc and help you get to the root cause of the issue. Visibility of one without the other provides you with incomplete data; you need both to troubleshoot application issues quickly and efficiently.

Sumo Logic Unified Logs and Metrics is the industry's first machine data analytics platform to natively ingest and analyze **metrics and log data together in real-time**. The solution provides:

- Unified views of logs and metrics : Sumo logic enables users to view, filter and report logs and metrics in one dashboard, as well as overlaying log activity over metrics in a single chart, to reduce "swivel chair" management and lower mean time to identify (MTTI) and resolve (MTTR) issues.
- Powerful Real-time Analytics for Troubleshooting – through machine learning, Sumo Logic enables advanced analytics of logs data and metrics data for contextual troubleshooting and quicker root cause analysis of issues.

2. Fully hosted service dramatically reduces your TCO

Most software engineering organizations have the resources necessary to get Graphite up and running, and a few even have the skills to scale or build upon it. The question is rarely whether they can do it, though, and is instead whether they should. In particular, running graphite in a highly available and scalable way requires a significant investment and engineering talent. In a hiring environment where

engineering positions go unfilled for long periods of time, only a small handful of companies can afford to put resources towards managing support systems instead of projects that contribute to their core business.

3. Integrated real-time alerting

It is possible to use Graphite with tools such as Sensu or Nagios to alert on key metrics. These approaches (and anything similar) have two fundamental issues. First, they introduce yet another tool to learn and manage. Second, they rely on Graphite to process the metrics against which the alerting can be done, and Graphite cannot ensure the timeliness or consistency of that processing. In contrast, Sumo Logic's offers a fully integrated, scalable, and powerful analytics engine that was designed for exactly this purpose and delivers alerts in real-time at the incoming metrics' native data resolution.

4. Performance at Scale

Sumo Logic scalability has been proven by thousands of customers who rely on Sumo Logic for operational insight into their logs and metrics. The multi-tenant architecture can ingest and analyze petabytes of metrics and logs data; the solution also scales on demand to support rapid and elastic growth. Graphite, conversely, tends to run into significant challenges when used for medium and large environments. It is during business critical moments, like troubleshooting significant issues, that metrics are the most important - organizations can't afford to not have them available.

5. Secure service

Sumo Logic is the industry's benchmark in delivering secure SaaS. Sumo Logic has achieved the highest levels of security certification to protect organizations' data, such as CSA STAR, PCI DSS 3.0 Service Provider Level 1, ISO 27001, SOC 2 Type II Attestation, FIPS 140 Level 2, and HIPAA. Rest assured, your application data - logs and metrics are securely managed within the Sumo Logic service.

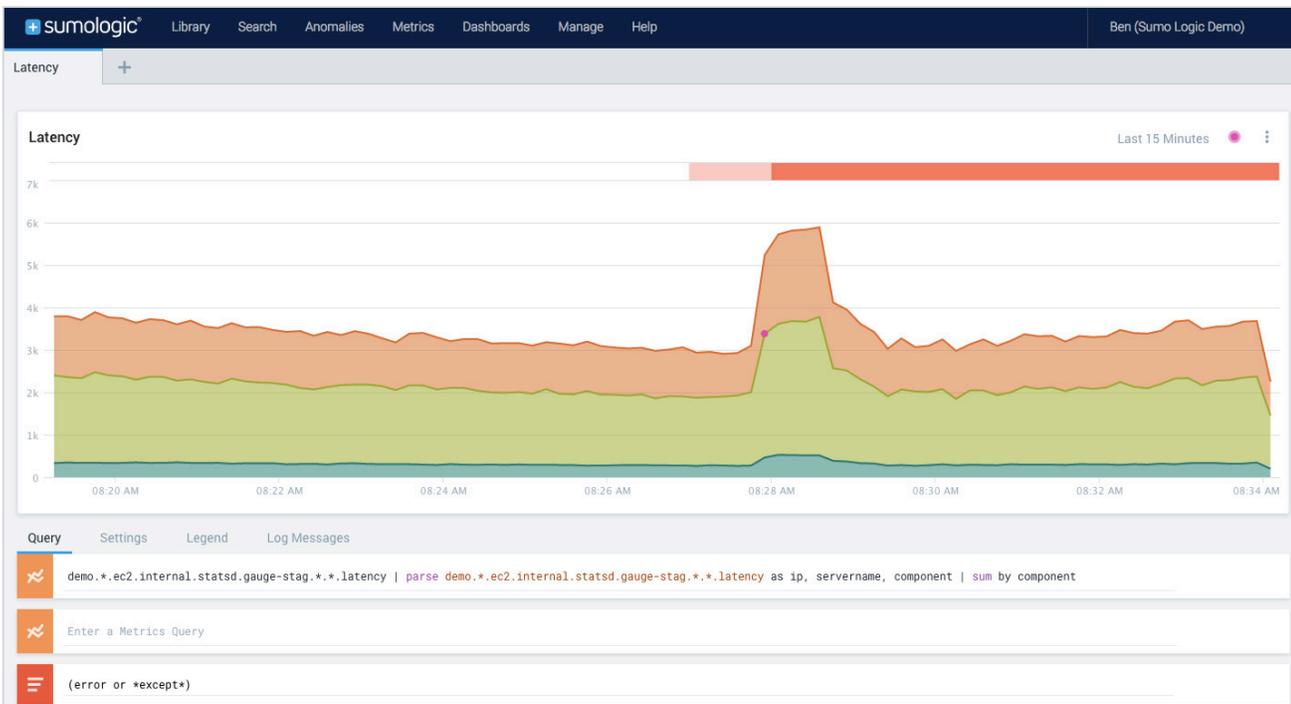


Want to try Sumo Logic analytics?

Learn more about Sumo Logic’s unified log and metric capabilities in this short demo video. For more information or to try this solution risk free, visit www.sumologic.com.



Sumo Logic dashboard provides comprehensive visibility into logs and graphite metrics



Sumo Logic enables you to correlate logs and graphite metrics to reduce MTTR



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