



Use Case

Grok detects a bad code push.

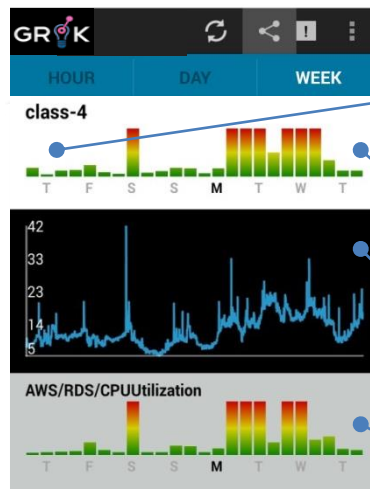
A company offers an education platform through curation of video content, hosted on Amazon Web Services (AWS). Like many startups, the company uses agile development and does frequent code pushes to serve its rapidly growing and demanding customer base. Up against a deadline and working weekends, the top-notch IT team pushed a lot of updates on Saturday - including some bad code. Usually this would break something but instead performance starts to slowly degrade.

Why Grok?

Grok's powerful algorithm catches unusual patterns quickly – and finds patterns that might be missed by thresholds – even when the normal pattern is noisy. Grok's mobile UI enables the team to assess system health anytime, anywhere.

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Grok for AWS: Starter edition allows you to try the full platform experience for 30 days, with a low monthly payment afterward for up to 25 instances. Visit our website for more information.



Grok has learned the normal patterns for the "Class-4" Server. System is behaving normally and no anomalies are reported

Chart shows probability of anomaly for "Class-4" server overall

Chart shows CPU Utilization metric data for "Class-4" server

Chart shows probability of anomaly for "Class-4" CPU Utilization



Code push creates spike on Saturday

Performance slowly degrades and Grok identifies the unusual behavior and displays a tall red bar in the chart

The IT team is alerted to problem and issues a code fix, preventing business downtime and customer impact