



Sumo Logic Powers Operations and Security Analytics on Pivotal Cloud Foundry

Machine Data Analytics for Pivotal Cloud Foundry

Pivotal Cloud Foundry is a Cloud-native application platform that enables developers to quickly build and deploy applications into a multi-tenant environment on their choice of cloud.

The Sumo Logic integration with Pivotal Cloud Foundry (PCF) enables customers to leverage the Sumo Logic Machine Data Analytics Platform to ingest, monitor, display, and analyze Pivotal Cloud Foundry logs and metrics in real time to ensure optimal customer experience.

Challenge Managing Distributed Application Experience

The Pivotal Cloud Foundry platform drastically increases developer productivity by automating the many tasks related to building, deploying, and operating software. Developers can rapidly bring new applications and features to market using their choice of languages, integrations with a number of enterprise-grade development tools and frameworks for boilerplate code and industry-standard design patterns.

The installation and administration of cloud-native applications is also simplified with capabilities to support infrastructure management and provisioning, OS patching, container orchestration, security, and more.

However, large scale distributed systems present new challenges to:

- Get full stack observability into the applications, services, platform, and supporting infrastructure
- Proactively diagnose performance issues within the platform itself
- Troubleshoot application operations issues that arise due to the decoupled architecture in the cloud environments.

Sumo Logic integration with Pivotal Cloud Foundry

Sumo Logic is a secure, cloud-native, machine data analytics service, delivering real-time, continuous intelligence across the entire application lifecycle and stack. The Sumo Logic service centralizes and unifies log data and time-series metrics, and leverages machine

learning analysis to uncover real-time insights into application operations and security.

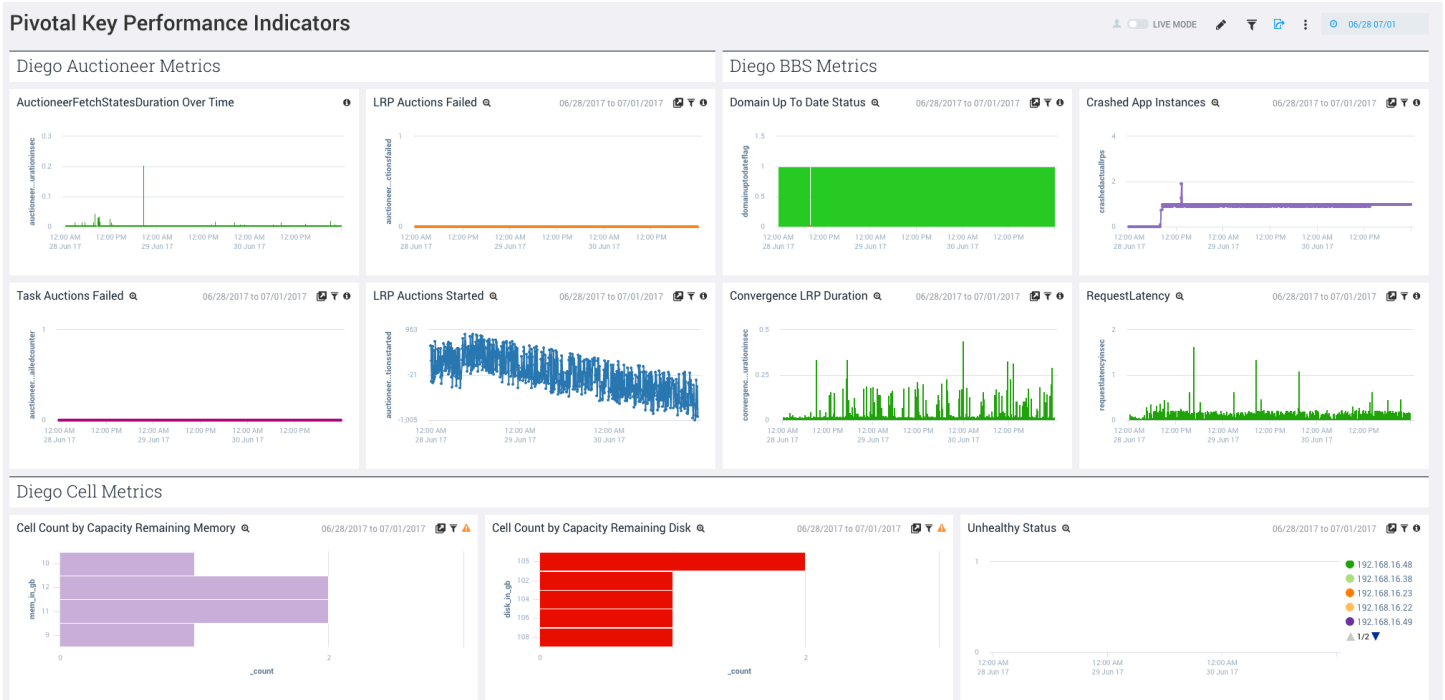
Sumo Logic has developed a ready-to-use connector for Pivotal Cloud Foundry, to provide a tailored machine data analytics solution for apps running on the Pivotal Cloud Foundry platform. Available from the Pivotal Network (network.pivotal.io), the pre-configured nozzle automates the ingestion of the platform logs and metrics directly into Sumo Logic. This makes it easy for cloud operators to enable log analytics such that users can access comprehensive data to manage the performance and customer experience of their deployed applications.

The integration leverages Cloud Foundry Loggregator to collate logs and metrics, and then stream the data securely to the Sumo Logic Platform thru the Sumo Logic Nozzle for PCF. The nozzle polls a component within the Loggregator on intervals, filters out messages based on your configuration, and securely sends those logs and metrics to the Sumo Logic SaaS service using a cloud-based HTTP API. You can also:

- configure the polling and batching intervals
- toggle verbose log mode
- add additional metadata to the logs and metrics

Once the The Sumo Logic Nozzle for PCF is installed, you can:

- Ingest, search and analyze PCF logs in Sumo Logic
- Create dashboards to monitor the overall health and security of your PCF resources



Sumo Logic App for Pivotal Cloud Foundry highlights key Pivotal data and KPI's

- Drill down from alerts to see key performance metrics and audit logs for PCF and your custom apps
- Troubleshoot application health issues with Sumo Logic's advanced machine learning and analytics capabilities
- Store PCF audit details in a fully secure SOC 2, HIPAA, and PCI-compliant environment

Solution Availability

The "Sumo Logic Nozzle for PCF" is available to customers now as a beta release. The solution can be downloaded from Pivotal Network (network.pivotal.io).

About Pivotal Cloud Foundry

Pivotal's cloud-native platform drives software innovation for many of the world's most admired brands. With millions of developers in communities around the world, Pivotal technology touches billions of users every day. After shaping the software development culture

of Silicon Valley's most valuable companies for over a decade, today Pivotal leads a global technology movement transforming how the world builds software.

About Sumo Logic

Sumo Logic is the leading cloud-native, machine data analytics platform that delivers continuous intelligence across the entire application lifecycle and stack. More than 1,500 customers around the globe rely on Sumo Logic for the analytics and insights to build, run and secure their modern applications and cloud infrastructures. With Sumo Logic, customers gain a service-model advantage to accelerate their shift to continuous innovation, increasing competitive advantage, business value and growth.

