SUSE OpenStack Cloud Monitoring

SUSE® OpenStack Cloud brings the agility, cost efficiency and usability of an infrastructure cloud service (IaaS) into every data center. Therefore, enterprises are rapidly adopting OpenStack and making it an essential layer in their IT landscape. The more central this cloud layer becomes in IT, the more important it becomes to monitor the underlying systems to guarantee high service levels.

SUSE OpenStack Cloud Monitoring at a glance:
+ A Monitoring Cloud Service for Enterprise OpenStack Systems
+ Pre-configured OpenStack monitoring
+ Scalable log management
+ Multi-tenancy

OpenStack Cloud Monitoring and Management
OpenStack is a complex and highly-distributed system. Gaining deep insight into such complex systems is a long process. Integration with existing monitoring solutions is expensive and time-consuming. Finally, as OpenStack systems grow, the huge amount of produced monitoring and log data may lead to traditional monitoring tools experiencing severe performance problems.

SUSE OpenStack Cloud Monitoring is a fully-scalable enterprise-grade solution that makes it simple to monitor and manage the health and performance of OpenStack cloud environments and workloads.

OpenStack deployments produce substantial amounts of complex monitoring and log data. SUSE OpenStack Cloud Monitoring provides a single dashboard with all the tools needed to easily collect, store and analyze this data to gain deep insights into underlying OpenStack cloud systems.

SUSE OpenStack Cloud Monitoring enables you to:

- Make it easy for operators and users to monitor and analyze the health and performance of complex private clouds, underlying infrastructures and user workloads
- Deliver the reliability, performance and high service levels for production OpenStack clouds by identifying problems early, minimizing time-to-fix and avoiding downtime.
- Reduce costs by simplifying, automating and pre-configuring cloud monitoring and management, freeing up valuable operations and user resources for more important tasks.

**EASY TO MONITOR AND ANALYZE PRIVATE CLOUDS**

SUSE OpenStack Cloud Monitoring makes it easy for operators and users to monitor and analyze the health and performance of complex private clouds, underlying infrastructures and user workloads.

- Use a single powerful dashboard to manage, track, monitor and optimize complex distributed OpenStack private cloud environments
Quickly and proactively identify and resolve issues with powerful graphical analysis tools, automatic alerts and notifications.

Easily activate multi-tenant aware monitoring and dashboards for user-deployed workloads.

RELIABLE PERFORMANCE AND HIGH SERVICE LEVELS
SUSE OpenStack Cloud Monitoring delivers reliability, performance and high service levels for production OpenStack clouds by identifying problems early, minimizing time-to-fix and avoiding downtime.

Identify problems early and find the root cause quickly with complex event processing on OpenStack events, logs and metrics, advanced graphical search and analysis of historical data using the powerful dashboard.

Easily scale with the growth of your private cloud using high performance data processing, advanced search engine capabilities, efficient storage for long term data retention and highly scalable monitoring architecture.

REDUCE COSTS
SUSE OpenStack Cloud Monitoring reduces costs by simplifying, automating and pre-configuring cloud monitoring and management, freeing up valuable operations and user resources for more important tasks.

Reduce costs and increase flexibility with a fully open source solution based on the OpenStack Monasca project, avoiding the risk of vendor lock-in often associated with proprietary alternatives.

• Lower the operational and management overhead of large-scale OpenStack cloud deployments by delivering a high degree of automation, transparency and control to end users.