**Summary**

Datadog is a SaaS-based data analytics platform monitoring service for cloud-scale applications that provides monitoring of servers, databases, tools, and services. Datadog uses a Go-based agent and supports cloud service providers Amazon Web Services, Microsoft Azure, Google Cloud and RedHat OpenShift.

GitLab has a powerful monitoring capability with Prometheus, a time-series monitoring service, providing a flexible platform for monitoring GitLab and other software products. GitLab provides out of the box monitoring with Prometheus, providing easy access to high quality time-series monitoring of GitLab services. GitLab has built in monitoring that can automatically monitor your deployed applications, with extensive support for native cloud, container and microservices technology. Additionally, GitLab uses Jaeger, an open source end-to-end distributed tracing system used for monitoring and troubleshooting microservices-based distributed systems.

**Resources**

- Datadog

**Feature Comparison**

**FEATURES**

Cloud Native Monitoring

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The monitoring of cloud native applications including microservices that are built to run in the cloud so that bottlenecks and issues can be addressed via insights collected metrics.
Server Monitoring

- Reviewing and analyzing a server for availability, operations, performance, security and other operations-related processes. Monitor servers system resources like CPU Usage, Memory Consumption, I/O, Network, Disk Usage, Process, etc. GitLab uses the Node Exporter (via Prometheus) to expose an extensive set of machine-level metrics on Linux and other Unix systems such as CPU usage, memory, disk utilization, filesystem fullness, and network bandwidth.

Tracing

- Tracing provides insight into the performance and health of a deployed application, tracking each function or microservice which handles a given request. This makes it easy to understand the end-to-end flow of a request, regardless of whether you are using a monolithic or distributed system.

Learn more about Tracing