## Summary

Micro Focus, which purchased the software business unit of Hewlett Packard Enterprise, has APM, or Application Performance Monitoring, that has both on-premise technologies and SaaS-based offerings. APM is a tool that offers client-monitoring, native mobile performance, and deep-level application server diagnostics. APM measures end-user experience by executing controlled, repeatable transactions from multiple locations both inside and outside the firewall, identifying availability and performance issues.

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
- Micro Focus APM

### Feature Comparison

#### Cloud Native Monitoring

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<th>Plan</th>
<th>Core</th>
<th>Starter</th>
<th>Premium</th>
<th>Ultimate</th>
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<td>Bronze</td>
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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 into collected metrics.

#### Server Monitoring

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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

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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

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