

Percona Server for MySQL 5.7 Released

Product News

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Percona, the company that delivers enterprise-class MySQL® and MongoDB® solutions and services, today announced Percona Server for MySQL 5.7, the latest version of the company's free, enhanced, drop-in replacement for MySQL.

The new version offers all the improvements found in Oracle's MySQL 5.7 Community Edition. Trusted by thousands of organizations to provide better performance and concurrency for their most demanding workloads, Percona has continued its tradition of delivering greater value to MySQL users, with optimized performance, greater scalability and availability, enhanced backups, increased visibility, and a next-generation, write-optimized storage engine, TokuDB, for greater data compression and cost-efficient operation in the cloud.

Feature Highlights

Greater Visibility

- * Low overhead table, user and index access statistics provide a better understanding of server activity and identify load sources.
- * Enhanced Slow Query Logging enables better query performance analysis.
- * Query Response Time Distribution provides separate and detailed information on read and write queries by defined time intervals.

Enterprise Performance and Security

- * ThreadPool enables scaling to 10,000+ connections per server.
- * PAM (Plugin Authentication Modules) Authentication Plugin authenticates MySQL users.
- * Audit Plugin enables policy-based monitoring and logging of connection and query activities.
- * Backup Locks provide low impact backups.

Percona's Enterprise-Grade Features for Free

- * Percona has included its next-generation, write-optimized storage engine, TokuDB -- the only transactional storage engine for MySQL -- for higher data compression and cost-efficient operation in the cloud and for Internet of Things (IoT) applications. Data compression reduces disk space utilization, leading to lower total cost of ownership (TCO).
- * Percona Server includes advanced, full-enabled external authentication, audit logging, and threadpool scalability, features that are only available in Oracle's commercial MySQL Enterprise Edition.
- * Using Percona Server for MySQL 5.7 with Percona XtraBackup enables features unavailable to other MySQL variants. Fast Incremental Backups is a bitmap-based backup that creates incremental backups faster than MySQL Enterprise Backup.
- * Percona Server for MySQL 5.7 can be easily integrated with Percona's full suite of products, including Percona XtraDB Cluster, Percona XtraBackup, Percona Toolkit and more.

Continued Optimization and Value for Customers

Percona Server for MySQL 5.7 is based on MySQL 5.7 Community Edition, so it is fully drop-in compatible. Utilizing customer feedback and performance requirements, Percona will continue to tune and enhance Percona Server for MySQL 5.7 to meet their demanding workload needs. Percona's continued alignment and enhancement of Oracle's MySQL product releases enables companies to utilize the power of open source for enterprise deployments at no cost.