

Percona Server for MySQL provides:

- Faster and more consistently run queries
- Improved efficiency with server consolidation
- Better ROI through lower hosting fees and power usage

Bringing immediate, noticeable and long lasting benefits to meet your budget and needs.

With Percona Server for MySQL, you will:

- Improve database performance with optimized queries
- Consolidate servers on powerful hardware
- Delay sharding, or avoid it entirely
- Save money on hosting fees and power
- Spend less time tuning and administering
- Achieve higher uptime



PERCONA
Server for MySQL

Percona Server for MySQL

You're only as good as the tools you have to use. When it comes to your business, the software tools you employ can be the difference between success and failure. Percona's suite of MySQL and MongoDB software and toolkits are a powerhouse of performance, the backbone of the organization. As a product of the open source community, our software has been tested by fire and proven resilient.

[Percona Server® for MySQL](#) is a free, fully compatible, enhanced, open source drop-in replacement for MySQL® that provides superior performance, scalability and instrumentation. With over 2,700,000 downloads, Percona Server's self-tuning algorithms and support for extremely high-performance hardware deliver excellent performance and reliability.

Percona Software Platform solution

Percona Server for MySQL is part of a complete, integrated suite of Percona database solutions that provide better performance, reliability, diagnostics and lower total cost of ownership when used together. These synergies are unique to the Percona Software Platform and include true non-blocking online backups, tight compression of data and extended instrumentation and tooling for quick diagnosis and resolution of issues.

Percona Server for MySQL offers the following benefits and features:

- **Cloud ready.** Dramatically reduces downtime on servers with slow disks and large memory, such as 4XL EC2 servers on EBS volumes
- **SaaS deployable.** Increases flexibility for architectures such as co-located databases with hundreds of thousands of tables and heterogeneous backup and retention policies
- **Built-in enterprise-grade encryption capabilities.** Vault keyring plug-in, encryption for InnoDB general tablespaces, and encryption for binary log files allow companies to immediately increase security for their existing databases
- **Vertical scalability and server consolidation.** Scales to over 48 CPU cores, with the ability to achieve hundreds of thousands of I/O operations per second on high-end solid-state hardware
- **Query, object and user level instrumentation.** Detailed query logging with per-query statistics about locking, I/O, and query plan, as well as performance and access counters per-table, per-index, per-user, and per-host
- **Enterprise ready.** Percona Server for MySQL includes advanced, full-enabled external authentication, audit logging and threadpool scalability features that are only available in Oracle's commercial MySQL Enterprise Edition

Feature Highlights

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.

Greater Visibility

- Low overhead table, user and index access statistics for a better understanding of server activity and loads.
- Enhanced Slow Query Logging enables better query performance analysis.
- Query Response Time Distribution provides detailed, defined-time-interval information on read and write queries.

Enterprise Performance and Security

- ThreadPool enables scaling to 10,000+ connections per server.
- PAM (Plugin Authentication Modules) authenticates MySQL users.
- Vault keyring plug-in, encryption for InnoDB general tablespaces, and encryption for binary log files
- Audit Plugin enables policy-based monitoring and connection and query activity logging.
- 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 that is optimized 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, such as Fast Incremental Backups: a bitmap-based backup that creates incremental backups faster than MySQL Enterprise Backup.

Percona is committed to producing open source software for Percona Server, MySQL®, MariaDB®, and MySQL DBaaS users. Our solutions are also commonly adopted by OpenStack users who require high performance and high availability for optimal cloud operations. We offer our own MySQL software solutions and also participate actively in many non-Percona software projects. All Percona software is open source and free of charge. New code releases are announced on the Percona Performance Blog along with benchmark results, when available.

Download Percona Server for MySQL

Percona Server for MySQL is free to download from this link: <https://www.percona.com/downloads/Percona-Server-5.7/LATEST/>.

Contact Us Now for Deployment Assistance

For organizations interested in using Percona Server for MySQL for their high performance database needs, Percona offers [Support](#), [Consulting](#) and [Managed Services](#). To learn about how Percona can help you and for pricing information, please contact us at 1-888-316-9775 or 0-800-051-8984 in Europe or sales@percona.com.