PERCONA
Server for MySQL

Percona Server for MySQL

The software choices you make, and the tools you use, can be the difference between business success or failure.

Percona's suite of open source MySQL software and tools offer exceptional performance, and act as the backbone of many successful organizations. Our software has been carefully developed and extensively tested to ensure it is resilient and meets user demands. Our free software includes innovative enterprise features, usually only found in licensed software.

Percona Server for MySQL is a free, fully-compatible, enhanced, open source drop-in replacement for MySQL®. It provides superior performance, scalability, and instrumentation. With over 5,300,000 downloads, Percona Server for MySQL's self-tuning algorithms and support for extremely high-performance hardware delivers excellent performance and reliability.

Percona's Software Solutions

Percona Server for MySQL is part of a complete, integrated suite of Percona database solutions that provide better performance, reliability, diagnostics, and a lower total cost of ownership when used together.

These synergies are unique to Percona Software. They 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 many benefits and features:

Enterprise ready. Percona Server for MySQL includes advanced, full-enabled external authentication, audit logging and threadpool scalability features generally only available in Oracle's commercial MySQL Enterprise Edition.

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 allows companies to immediately increase security for their existing databases.

Percona Server for MySQL provides your business with:

• Improved database performance as a result of faster, optimized queries

• Server consolidation which improves efficiency

• Better ROI as you lower hosting fees and power usage

• More time to focus on key priorities, as you spend less time tuning and administering

• Higher uptime

• Delayed sharding, sometimes avoiding it entirely

Percona Server for MySQL brings immediate, noticeable, and long lasting benefits, which meet your budget and business needs.

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Feature Highlights

Percona Server for MySQL can be easily integrated with Percona's full suite of products, including Percona Monitoring and Management, Percona XtraBackup, Percona Toolkit and more.

Greater Visibility

• Low overhead table, user, and index access statistics give you 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 Server for MySQL utilizes the write-optimized storage engine, TokuDB. This is the only transactional storage engine for MySQL 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.

• Percona Server for MySQL includes features previously only available in Oracle's commercial MySQL Enterprise Edition, including; advanced, full-enabled external authentication, audit logging, and threadpool scalability. These are included in our software without charge.

• By using Percona Server for MySQL with Percona XtraBackup you can enable features unavailable to other MySQL variants. These include 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 DBaaS users. Our solutions are commonly adopted by OpenStack users who require high performance and high availability for optimal cloud operations. As well as offering our own MySQL software solutions, we also actively participate in many non-Percona software projects.

All of our software is open source and available free of charge. Our new code releases are announced on the Percona Performance Blog, along with benchmark results, webinars, and market/software commentary.

Download Percona Server for MySQL

Percona Server for MySQL is freely available to download here.
Or visit: www.percona.com/downloads/Percona-Server-LATEST/

Contact Us

Percona offers Support, Consulting and Managed Services to organizations who use Percona Server for MySQL to meet their high performance database needs.

To learn how Percona can help you make the best of your deployment, and for pricing information, please contact us at 1-888-316-9775, or 0-800-051-8984 in Europe, or have us reach out to you.