Percona Distribution for MySQL works with Percona Operator for MySQL Based on XtraDB Cluster to support cloud-native applications.

Ensure consistency and increase deployment speed by using our Kubernetes Operator to quickly and easily create identical environments across your development, testing, quality assurance, and production environments. This allows you to eliminate human error and reduce development cycle times.

Percona Distribution for MySQL is a complete, stable, scalable, and secure open source MySQL solution. It helps companies deliver enterprise-grade MySQL database environments to support your most critical business applications no matter where they run — on-premises, or in public, private, and hybrid cloud environments.

Key features

Improved stability and availability

Preserve, secure, and protect your data and your revenue streams by minimizing unexpected downtime and data loss, while providing the highest level of availability for your business-critical applications, no matter where they are deployed.

- **Increase MySQL database stability and reliability.** Our hardened solution has been designed and extensively tested to meet your enterprise needs, by a company with 10 years+ of MySQL expertise.

- **Eliminate data loss.** High availability and backup options give you confidence that your data has been saved and is available for your business-critical applications.

- **Improve data durability.** Galera replication enables increased application availability and improved user experience.

Increased scalability and performance

Integrated tools help you optimize, monitor, and maintain your MySQL environment, ensuring you can quickly respond to changing business demands.

- **Improved preformance.** The ability to achieve the highest level of transaction throughout the process while supporting hundreds of thousands of users for the fastest data operations possible.

- **Easily scale your environment.** The ability to use Kubernetes for automated provisioning of additional nodes allows you to quickly meet evolving business demands.

- **Improved efficiency.** Our compatible tools enable DBAs to quickly and easily perform complex tasks to support changing requirements.

PERCONA

Percona works continuously with clients and partners to take advantage of changes and improvements in the latest hardware designs.

We provide additional performance data, and we enable additional optimization by writing performance metrics to additional tables not available in other versions of MySQL. This provides you with the deepest level of insight into the performance of your database environment.

Reduce security risks and reduce costs

Percona Distribution for MySQL helps you protect your data without the need for costly software license fees.

- **Increased security.** Enhanced encryption and authentication features provide a more secure storage and communication layer.

- **Lower IT expenses.** Eliminate costly software license fees by using our open source enterprise-grade solution for MySQL clustering.

- **Reduce data security risks.** Hide sensitive data, and prevent unintentional access with data masking.

Key components of Percona Distribution for MySQL

In addition to utilizing advanced and relevant open source Community-based MySQL software solutions, Percona is committed to developing open source database software for MySQL.

- **Percona Server for MySQL —** a free, fully compatible, enhanced, and open source drop-in replacement for any MySQL database, providing superior performance, scalability, and instrumentation.

- **Percona XtraDB Cluster (PXC) —** the most stable, scalable, secure, and highly available open source MySQL database available, allowing you to minimize unexpected downtime and data loss.

- **Percona XtraBackup —** a free, online, open source, complete database backup solution for all versions of Percona Server for MySQL and MySQL.

- **Percona Toolkit —** a set of scripts for simplifying and optimizing database operation.

- **Orchestrator —** the replication topology manager for Percona Server for MySQL.

- **HAProxy —** the default high-availability and load-balancing solution for PXC.

- **ProxySQL —** a high-performance, high-availability, protocol-aware proxy for PXC.

- **MySQL Shell —** an advanced client and code editor for MySQL Server.

- **MySQL Router —** a lightweight middleware that provides transparent routing between your application and backend MySQL Servers.

For more information, please contact us at **+1-888-316-9775** (USA), **+44 203 608 6727** (Europe), or via email at sales@percona.com.

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