

Percona XtraDB Cluster provides:

- Cost-effective HA and scalability for MySQL
- Higher availability, with less downtime and more revenue-generating uptime
- Improved security, with XtraDB Cluster strict-mode and data at rest encryption
- Greater ease of use with built-in load balancing and traffic management and simplified packaging

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

With Percona XtraDB Cluster, you will:

- Achieve higher uptime
- Maintain data consistency
- Increase uptime



PERCONA
XtraDB Cluster

Percona XtraDB Cluster

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 XtraDB Cluster is an active/active high availability (HA) and high scalability open source solution for MySQL® clustering. It integrates Percona Server and Percona XtraBackup with the Codership Galera library of MySQL high availability solutions in a single package that enables you to create a cost-effective MySQL high availability cluster. Percona XtraDB Cluster has been downloaded over 690,000 times since its launch in April 2012.

Percona Software Platform Solution

Percona XtraDB Cluster provides a cost-effective, robust solution for businesses, enabling applications that require synchronous replication of data, fault tolerant failover and quick, easy scalability across commodity, off-the-shelf hardware. Organizations use Percona XtraDB Cluster to power highly available applications and the most demanding public, private and hybrid cloud environments.

Percona XtraDB Cluster is fully compatible with MySQL, MariaDB or Percona Server for MySQL:

- Data compatibility. Percona XtraDB Cluster works with databases created in MySQL, MariaDB and Percona Server for MySQL.
- Application compatibility. There is no or minimal application changes required to start work with Percona XtraDB Cluster.

Percona XtraDB Cluster provide:

- Cost-effective HA and scalability for MySQL 5.7 and NoSQL
- Higher availability, with less downtime and more revenue-generating uptime
- Improved security, with Percona XtraDB Cluster strict-mode and data at rest encryption
- Greater ease of use with built-in load balancing and traffic management, NoSQL support and simplified packaging

Percona XtraDB Cluster offers the following benefits and features:

- Provides cost-effective HA and scalability for MySQL
- Percona XtraDB Cluster officially compatible with ProxySQL load balancing
- Seamlessly integrates with Percona Monitoring and Management (PMM)
- Synchronous replication Ensures transactions are either committed on all nodes or none, through “eager replication”
- Multi-master replication. Writes to any node, and then propagates updates through the network to other database nodes
- Data at rest encryption that protects data not currently moving through the environment
- Improved SST Security through simplified configuration
- Zero data loss that writes data to all nodes simultaneously, or not at all upon failure from a single node
- ProxySQL-assisted Percona XtraDB Cluster maintenance mode
- Percona XtraDB Cluster "strict-mode" prevents users from using MySQL functionality not supported by Percona XtraDB Cluster
- Automatic node provisioning determines the state donor it should use from those members available in the Primary Component when a node attempts to join the cluster

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 and MongoDB 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 XtraDB Cluster

Percona XtraDB Cluster is free to download from this link: <https://www.percona.com/downloads/Percona-XtraDB-Cluster-57/LATEST/>.

Contact Us Now for Deployment Assistance

For organizations interested in using Percona XtraDB Cluster for their high availability (HA), high-performance database needs, Percona offers Support and Consulting services. To learn about how Percona Care 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.