

**Percona XtraBackup provides:**

- **Fast and reliable backups**
- **Uninterrupted transaction processing during backups**
- **Savings on disk space and network bandwidth with better compression**
- **Automatic backup verification**
- **Higher uptime due to faster restore time**

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

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. The Percona suite of MySQL and MongoDB software and toolkits is 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 XtraBackup is a free, open source, complete online backup solution for all versions of Percona Server for MySQL, MySQL®, and MariaDB®. With more than 1,800,000 downloads, Percona XtraBackup performs online non-blocking, tightly compressed, highly secure backups on transactional systems so that applications remain fully available during planned maintenance windows.

Percona XtraBackup is the world's only open source, free MySQL hot backup software that performs non-blocking backups for InnoDB and XtraDB databases. **With Percona XtraBackup, you can achieve the following benefits:**

- **Create hot InnoDB backups without pausing your database**
- **Make incremental backups of MySQL**
- **Stream compressed MySQL backups to another server**
- **Move tables between MySQL servers on-line**
- **Create new MySQL replicas easily**
- **Back up MySQL without adding load to the server**

Percona XtraBackup makes MySQL hot backups for all versions of Percona Server for MySQL, MySQL, and MariaDB. It performs streaming, compressed, and incremental MySQL backups.

Percona XtraBackup works with MySQL, MariaDB, and Percona Server. It supports completely non-blocking backups of InnoDB, XtraDB, and HailDB storage engines. In addition, it can back up the following storage engines by briefly pausing writes at the end of the backup: MyISAM, Merge, and Archive, including partitioned tables, triggers, and database options.

Percona enterprise-grade commercial MySQL Support contracts include support for Percona XtraBackup. We recommend support for critical production deployments.

Percona XtraBackup is based on InnoDB's crash-recovery functionality. It copies your InnoDB data files, which results in data that is internally inconsistent; but then it performs crash recovery on the files to make them a consistent, usable database again.

## Percona XtraDB Backup and MySQL Enterprise Backup Comparison<sup>1</sup>

Feature	Percona XtraBackup	MySQL Enterprise Backup
Price	Free	Included in subscription at \$5,000 per server
Open source	✓	
Streaming and encryption formats	Open source	Proprietary
Supported MySQL flavors	Percona Server, MySQL, MariaDB	MySQL
Non-blocking InnoDB backups	✓	✓
Blocking MyISAM backups	✓	✓
Incremental backups	✓	✓
Full compressed backups	✓	✓
Incremental compressed backups	✓	
Fast incremental backups	✓	
Incremental backups with archived logs	✓	
Backup locks	✓	
Encrypted backups	✓	✓
Streaming backups	✓	✓
Parallel local backups	✓	✓
Parallel streaming backups	✓	
Parallel compression	✓	✓
Parallel apply-log	✓	
Parallel copy-back		✓
Parallel backups	✓	✓
Throttling	✓	✓
Point -in-time recovery support	✓	✓
Safe replica backups	✓	
Buffer pool state backups	✓	
Individual tables export	✓	✓
Individual partitions export	✓	
Restoring tables to a different view	✓	✓
Data and index file statistics	✓	
InnoDB secondary indexes defragmentation	✓	
rsync support to minimize lock time	✓	
Backup history table	✓	✓
Offline backups		✓

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.

<sup>1</sup> [Click here](#) for a complete list with notes

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[Contact us for deployment assistance](#)

For organizations interested in using Percona XtraBackup for their 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 (USA), +44 203 608 6727 (Europe), or via email at [sales@percona.com](mailto:sales@percona.com).