



Percona for MySQL

ENTERPRISE MYSQL MINUS THE ENTERPRISE

Enterprise-grade MySQL with high availability, backup, routing, observability, and full lifecycle coverage in on-prem, cloud, and Kubernetes environments.

"Percona is the authority on MySQL performance and scalability. Having the most knowledgeable team on our side is the reason we chose Percona to support our production database infrastructure."

- Tim Mirecki, Vice President of Technology, Carpages.ca



Percona for
MySQL

Learn more at percona.com/mysql

► Cost optimization and lifecycle control

MySQL costs accumulate through edition upgrades, EOL pressure, and operational sprawl. Percona eliminates each.

- Replace paid editions with **Percona Server for MySQL** — open source, backward-compatible, and enterprise-ready out of the box
- Avoid forced upgrades and extended support premiums with **post-EOL coverage and expert-led migration planning**
- Standardize backup and lifecycle tooling with **XtraBackup and Percona Distribution for MySQL** to cut contracts and day-2 complexity

► Performance and reliability

High-concurrency MySQL workloads demand predictable throughput, controlled failover, and recovery without manual heroics.

- Improve throughput and diagnose contention with extended instrumentation, user statistics, and thread pooling
- Coordinate replication, routing, and failover with **Percona XtraDB Cluster, ProxySQL, and Orchestrator**
- Protect recovery windows with hot physical backups, expert validation, and tested runbooks that minimize downtime

► Security, sovereignty and compliance

Regulated MySQL environments need controls that are enforceable, inspectable, and consistent across fleets.

- Apply FIPS 140-2 validated builds, data-at-rest encryption, and audit logging across **Percona Server and XtraDB Cluster**
- Standardize authentication with LDAP and Kerberos integration to keep access policy aligned across environments
- Pair self-managed controls with expert troubleshooting and hardening reviews to keep security settings operable and auditable

► Hybrid and Kubernetes operations

MySQL teams need one operating model that works across VMs, containers, Kubernetes, and multiple clouds.

- Run the same production stack across on-prem, hybrid, and cloud without changing tooling or support model
- Automate deployment, scaling, backups, and upgrades in Kubernetes with **Percona Operator, built on XtraDB Cluster**
- Turn query analytics, replication visibility, and system telemetry into operational action with **Percona Monitoring and Management**

Percona's MySQL architecture combines open source server, HA, backup, routing, observability, Kubernetes automation, and expert operational services into one production stack.

High availability and routing

- **Percona XtraDB Cluster:** Synchronous replication and resilient multi-node HA for business-critical MySQL workloads.
- **ProxySQL:** Connection routing, read-write split, and traffic control to keep application behavior predictable during scale events and failovers.
- **Orchestrator:** Topology discovery and failover coordination for replication environments that need controlled recover.

Backup and recovery

- **Percona XtraBackup:** Non-blocking physical backups, incremental backup support, and faster restore workflows for lower recovery risk.

Observability and telemetry

- **Percona Monitoring and Management (PMM):** Query analytics, replication monitoring, resource telemetry, and advisors for tuning and configuration review.
- **Percona Server for MySQL:** Extended instrumentation for deeper visibility into contention, concurrency, and workload behavior under pressure.

Security and access control

- **Percona Server for MySQL:** FIPS 140-2 validated builds, transparent data-at-rest encryption, and audit logging for stricter compliance requirements.
- **Percona Authentication Plugin:** LDAP and Kerberos integration for centralized identity and access policy enforcement.

Kubernetes and portability

- **Percona Operator for MySQL:** Kubernetes-native automation for deployment, scaling, backup, recovery, and upgrades.
- Open components like **XtraBackup, ProxySQL, PMM, and the Operator** keep MySQL operations portable across

Support and Services

Expert Support

Expert Support is reactive, 24x7 support for troubleshooting, incidents, and performance issues across PostgreSQL, MySQL, MongoDB, and Valkey/Redis.

- Fast issue resolution that minimizes downtime impact
- Deep performance tuning that prevents unnecessary scaling
- Post-incident guidance that reduces repeat failures and cost drift

ExpertOps

ExpertOps Proactive Database Management is hands-on, ongoing database operations for teams that want expert-level daily management without hiring expert DBAs.

- Continuous tuning & rightsizing reduce cloud waste
- Replica, storage, & configuration cleanup prevent environment sprawl
- Operational coverage for staffing gaps

Expert Consulting & Services

Expert Consulting and Services offer project-based expertise for architecture, migrations, EOL upgrades, hardening, and modernization efforts.

- Architecture reviews that identify unnecessary replicas and HA overhead
- Migrations and EOL upgrades that avoid costly rework
- Health checks to uncover I/O waste, sizing issues, and configuration drift

