



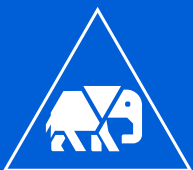
Percona for PostgreSQL

POSTGRESQL IS FREE. OPERATING POSTGRESQL POORLY IS NOT.

Percona for PostgreSQL delivers enterprise-grade Postgres with expert 24x7 support, built-in HA/DR, security, and Kubernetes automation.

“The performance boost and optimized database workload we achieved with Percona and PostgreSQL led to a significantly improved user experience and a big increase in customer satisfaction.”

– Mehmet Fatih Bekin, Data Center, Infrastructure and Cloud Services
Director at Türk Telekom



Percona for
PostgreSQL

Learn more at percona.com/postgresql

► Cost Optimization

Standardize operations, eliminate licensing fees, and tune environments so teams pay only for what they use.

- Cut cloud waste through continuous tuning and right-sizing
- Eliminate licensing fees with production-tested, open source PostgreSQL
- Standardize tooling across fleets to reduce long-term overhead

► Performance and reliability

Percona optimizes configuration, strengthens observability, and enforces proven HA/DR patterns, delivering predictable throughput, faster recovery, and resilient performance at scale.

- Optimize throughput with tuned configuration and deep telemetry via **pg_stat_monitor**
- Ensure resilient uptime with **Patroni-driven failover and validated HA/DR patterns**
- Stabilize workloads with **proactive anomaly detection and query-level visibility**

► Security, Sovereignty, and Compliance

Strengthen PostgreSQL security with transparent, verifiable open source builds, unified encryption, audit-ready logging, and standardized authentication. Prove control over your data, regardless of where it runs.

- Apply consistent data-at-rest encryption with **pg_tde** and centralized key management
- Strengthen auditability with **pgAudit** and verifiable, open build transparency
- Standardize authentication using **LDAP/Kerberos/TLS** across all environments.”

► Adaptability for AI and beyond

Adopt AI features, modernize for Kubernetes, and run PostgreSQL consistently across clouds without sacrificing observability, performance, or architectural independence.

- Enable vector search and AI workloads with **pgvector**, backed by native observability and tuning
- Deploy consistently across clouds and Kubernetes with Percona Operator
- Modernize legacy environments without proprietary dependencies or lock-in

Percona's PostgreSQL architecture integrates open source components for HA/DR, backup and recovery, encryption, auditing, and telemetry. Each part of the stack is tested to work together across on-prem, cloud, and Kubernetes environments. No proprietary agents or hidden features, just consistent operations and predictable performance.

High availability and operations	Backup and recovery
<ul style="list-style-type: none">• Patroni: Automated failover, self-healing clusters, zero-downtime maintenance, and predictable HA/DR behavior.• Percona Operator for PostgreSQL: Kubernetes-native deployment, scaling, backups, failover, and consistent configuration.	<ul style="list-style-type: none">• pgBackRest: Verified backups, fast point-in-time recovery, backup retention policies, and reliable disaster recovery workflows.
Observability and telemetry	Sovereignty, security, & compliance
<ul style="list-style-type: none">• pg_stat_monitor: Deep query telemetry, wait-event analytics, anomaly detection, and workload stabilization.• PMM: Unified observability across queries, storage, replication, and resource usage, plus proactive advisors for tuning and configuration.	<ul style="list-style-type: none">• pgAudit: Structured audit events for compliance frameworks (HIPAA, PCI, GDPR) with clear runtime visibility into security-sensitive activity.• pg_tde: Transparent data-at-rest encryption integrated with enterprise key management systems for security
AI and Future Workloads	Ecosystem integration
<ul style="list-style-type: none">• pgvector: Vector search, embeddings, and AI workloads with PostgreSQL-native execution and tuning through PMM.	<ul style="list-style-type: none">• Percona extensions: Cross-system integration (S3, MySQL, MongoDB), logging pipelines, ecosystem tooling, and hybrid data patterns.

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

