



Percona for PostgreSQL | Feature Value Comparison



Percona for PostgreSQL software and services make running performant, highly available PostgreSQL in production and mission-critical environments virtually plug and play. These charts compare Percona software and services for PostgreSQL and other community and vendor versions of PostgreSQL.

Distribution Components	PostgreSQL Community	Percona for PostgreSQL	EDB Postgres AI	Crunchy Data
Open source and free from vendor lock-in	✓	✓	✗ Proprietary software	✗ Proprietary software
Open source enterprise features	✓ Requires expertise in selecting and testing the right extensions	✓ Production-ready out of the box	✗	✗
Distribution component testing	✗ Components are tested independently	✓ Components are tested to work together	✓ Components are tested to work together	✓ Components are tested to work together
Operational support and bug fixes	✓ Strong global community support	✓ Additional support from Percona Community, production support from Percona Services	✓ Via commercial support	✓ Via commercial support
High availability, load balancing, and replication	✓ Multiple extensions, requires expertise in selecting and testing the right solution	✓ Patroni, HAProxy	✓ EDB Postgres Distributed, Enterprise Failover manager (EFM)	✓ Patroni
Connection pooling	✓ Various tools	✓ pgpool2, PgBouncer	✓	✓
Backup and restore	✓ Various tools	✓ pgBackRest	✓	✓
Transparent Data Encryption (TDE)	✗	✓ pg_tde - Extension created and supported by the Percona team	✓ Available for a fee in EDB Postgres Advanced Server and EDB Postgres Extended Server	✓ Available for a fee in Crunchy Hardened PostgreSQL
KMS integration	✗	✓ KV Secrets Engine v2 (Hashicorp Vault, OpenBao), KMIP (Hashicorp Vault, Thales CTM, Fortanix DSM)	✓ AWS KMS, Azure Key Vault, Entrust KeyControl, Fortanix DSM, GCP Cloud KMS, HashiCorp Vault (KMIP Secrets Engine and Transit Secrets Engine), Thales CTM	✓ KMS provider of your choice
Authentication	✓ Support for various authentication methods	✓ Support for various authentication methods, including LDAP, OAuth 2.0 (with PG18), OIDC coming soon (with PG18)	✓ Support for various authentication methods, including LDAP, OAuth 2.0 (with PG18)	✓ Support for various authentication methods, including LDAP
Sharding support for on-premises and private cloud infrastructures	✓ Various extensions	✓ Citus support	✗	✗
Time series database support	✓ Various extensions	✗	✗	✗
Spatial data handling	✓ PostGIS	✓ PostGIS	✓ PostGIS	✓ PostGIS
Monitoring and observability	✓ Various extensions	✓ Percona Monitoring and Management, an open source monitoring solution based on Grafana pg_stat_monitor	✓ Postgres Enterprise Manager built on pgAdmin. Available by subscription.	✓ Prometheus stack and pgMonitor
Audit logging	✓ Various extensions	✓ pgAudit, pgBager, pg_gather	✓ edb_audit_statement	✓ pgAudit

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Or contact us directly at +1-888-316-9775 (USA), +44 203 608 6727 (Europe), or via email sales@percona.com.



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Support and Services	PostgreSQL Community	Percona for PostgreSQL	EDB	Crunchy Data
Community support	Global PostgreSQL community	Global PostgreSQL community and Percona Community	Global PostgreSQL community	Global PostgreSQL community
Multi-database support	Only PostgreSQL	24/7 support for Community PostgreSQL, MySQL, MongoDB, MariaDB, and Percona forks	Only PostgreSQL and EDB forks	Only PostgreSQL and Crunchy Data forks
Proactive database management	Available through third-party providers	Round-the-clock database management for PostgreSQL, MySQL, MongoDB, MariaDB, and Percona forks	EDB Postgres AI	Crunchy Bridge
Tech-agnostic consulting	Available through third-party providers	Consulting for high availability set up, complex performance issue resolution, and database design challenges for PostgreSQL, MySQL, MongoDB, and their forks	Professional services for EDB Postgres software and original PostgreSQL	×

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