Percona for MySQL: Feature Value Comparison

Percona unlocks the flexibility of MySQL by delivering secure and stable enterprise-grade software and services for the most critical business applications running on MySQL — **without vendor lock-in**.

These charts compare Percona software and services for MySQL, MySQL Community, and MySQL Enterprise Edition.

Server Features   Backup Features   Components   Monitoring and Management   Kubernetes Operators   DBaaS   Support and Services

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Check out our **Percona for MySQL** page to learn more about our software and services, or get in touch with Percona Experts for additional assistance at +1-888-316-9775 (USA), +44 203 608 6727 (Europe), or via email at sales@percona.com

FEATURE VALUE COMPARISON

	Server Features	Backup Features	Components	Monitoring and Management	Kubernetes Operators	DBaaS	Support and Services

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	Percona Server for MySQL	MySQL Community Server	MySQL Enterprise Server
Open source, freely available software	✅	✅	⛔
High availability	✅	✅	✅
MyRocks storage engine	✅	⛔	⛔
Audit	✅	⛔	✅
Encryption functions	✅	✅	✅
Data At Rest Encryption	✅ With integrations: AWS KMS, Hashicorp, KMIP	✅ Basic functionality only	✅ With integrations: AWS KMS, Hashicorp, KMIP
External authentication	✅ LDAP, FIDO, Kerberos, PAM	⛔	✅ LDAP, FIDO, Kerberos, PAM, Windows
Thread pool	✅	⛔	✅
Data masking	✅	⛔	✅

Server Features	Backup Features	Components	Monitoring and Management	Kubernetes Operators	DBaaS	Support and Services	PERCONA

	Percona Distribution for MySQL	MySQL Community	MySQL Enterprise Edition
Backup to AWS cloud	✅	⛔	✅
Backup to GCP cloud	✅	⛔	✅
Backup to Azure cloud	✅	⛔	⛔
Backup to OpenStack storage	✅	⛔	✅
Backup to MinIO (K8s storage)	✅	⛔	⛔
Physical backup	✅	✅	✅
Logical backup	✅	✅	✅
Selective backup	✅ With logical backups	✅ With logical backups	✅
Incremental backup	✅	✅	✅
Point-in-time recovery	✅	✅	✅
Hot non-blocking backups	✅	⛔	✅

FEATURE VALUE COMPARISON

	Server Features	Backup Features	**Components**	Monitoring and Management	Kubernetes Operators	DBaaS	Support and Services

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	Percona Distribution for MySQL	MySQL Community	MySQL Enterprise Edition
Load balancer	✅ ProxySQL, MySQL Router, HA Proxy	✅ MySQL Router	✅ MySQL Router
Failover automation	✅ Orchestrator, Percona XtraDB Cluster, InnoDB Cluster	✅ InnoDB Cluster	✅ InnoDB Cluster
Scripts to automate DBA tasks	✅ MySQL Shell, Percona Toolkit	✅ MySQL Shell	✅ MySQL Shell
Client and code editor	✅	✅	✅
InnoDB Cluster (Group Replication)	✅	✅	✅
Percona XtraDB Cluster (Galera Cluster)	✅	⚠️	⚠️
Asynchronous replication	✅	✅	✅

| | Server Features | Backup Features | Components | Monitoring and Management | Kubernetes Operators | DBaaS | Support and Services | PERCONA |

	Percona Monitoring and Management (PMM)	MySQL Workbench	MySQL Enterprise Monitor
Open source	✔	✔	❗
Specialized dashboards: trends,replication, I/O, query analyzer, etc.	✔	Limited	✔
Performance Schema/ Performance Schema Waits Analysis	✔	Limited	✔
InnoDB metrics	✔	Limited	✔
MyRocks storage engine metrics	✔	❗	❗
Query analysis	✔	Limited	✔
Table statistics	✔	Limited	✔
User statistics	✔	Limited	✔
Advisors and alerting	✔	❗	✔

| | Server Features | Backup Features | Components | Monitoring and Management | **Kubernetes Operators** | DBaaS | Support and Services |

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	Percona Operator for MySQL	MySQL Operator for Kubernetes	MySQL Operator for Kubernetes
Integrated multi-cloud deployment configuration	✅	❗	❗
Automated upgrade	✅	❗	❗
Scheduled/incremental backups	✅ ❗	✅ ❗	✅ ❗
Point-in-time recovery	✅	✅	✅
Monitoring	Percona Monitoring and Management	❗	❗
Load balancing	ProxySQL and HAProxy	MySQL Router	MySQL Router
Transport encryption	✅	✅	✅
Data At Rest Encryption	✅	❗	✅
RedHat® OpenShift® certified	✅	❗	❗

| | Server Features | Backup Features | Components | Monitoring and Management | Kubernetes Operators | DBaaS | Support and Services | PERCONA |

	Percona Everest (Alpha stage)	Not available	Oracle Enterprise Database Services
On-premises/ hybrid	✅	Available via third-party cloud providers	⛔
Cloud	✅	Available via third-party cloud providers	Oracle Cloud Infrastructure

| | Server Features | Backup Features | Components | Monitoring and Management | Kubernetes Operators | DBaaS | Support and Services |

	Percona for MySQL	MySQL Community	MySQL Enterprise
Post-EOL support for MySQL 5.7	✅	❗	❗
Multi-database support	✅	Available with third-party vendors like Percona	❗
Managed services	✅	Available with third-party vendors like Percona	✅
Tech-agnostic consulting	✅	Available with third-party vendors like Percona	❗

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