



## Percona for MongoDB: Feature Value Comparison

Percona offers software and services for MongoDB that provide greater flexibility and empower customers to make strategic decisions about their infrastructures. Percona software for MongoDB offers all the features and benefits of MongoDB Community Edition, plus additional enterprise-grade functionality. Percona software for MongoDB is also **source-available and can be used in production without licensing agreements and vendor lock-in.**

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



Check out our [Percona for MongoDB](#) 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](mailto:sales@percona.com)



	Percona Backup for MongoDB	MongoDB Community Edition	MongoDB Enterprise Advanced	MongoDB Atlas
Open source backup	✓	⚠	⚠	⚠
Binary database export (logical backup)	✓	✓	✓	✓
Built-in point-in-time recovery support	✓	⚠	✓	✓
Physical backup	✓	⚠	✓	✓
Incremental backup (physical)	✓	⚠	✓	✓
Backup management interfaces	Percona Backup for MongoDB (CLI) Percona Monitoring and Management mongodump / mongorestore (CLI)	mongodump / mongorestore (CLI)	Ops Manager Cloud Manager mongodump / mongorestore (CLI)	Atlas backups mongodump / mongorestore (CLI)
Sharded collections restores supported	✓	⚠	✓	✓
Cluster-to-cluster sync	⚠	⚠	✓	✓

	Percona Distribution for MongoDB	MongoDB Community Edition	MongoDB Enterprise Advanced	MongoDB Atlas
Multiple programming language support	✓	✓	✓	✓
BI Connector	⚠	⚠	✓	✓
Live resharding	✓	✓	✓	✓
Time series collections	✓	✓	✓	✓
Integrated advanced search	⚠	⚠	⚠	✓
Advanced operators, functions, and aggregation pipeline	✓	✓	✓	✓

	Percona Distribution for MongoDB	MongoDB Community Edition	MongoDB Enterprise Advanced	MongoDB Atlas
<b>Queryable encryption</b>	Explicit encryption	Explicit encryption	Automatic encryption Explicit encryption	Automatic encryption Explicit encryption
<b>Data At Rest Encryption</b>	✓	!	✓	✓
<b>Key management compatibility</b>	Hashicorp Vault KMIP Locally managed key files	!	KMIP Locally managed key files	AWS KMS Google Cloud KMS Azure Key Vault Locally managed key files
<b>Data-in-transit encryption</b>	SSL/TLS	SSL/TLS	SSL/TLS	SSL/TLS
<b>Client-Side Field Level Encryption</b>	Explicit encryption	Explicit encryption	Automatic encryption Explicit encryption	Automatic encryption Explicit encryption
<b>Authentication/ authorization</b>	SCRAM x.509. LDAP Kerberos	SCRAM x.509.	SCRAM x.509. LDAP Kerberos Fine-grained auditing	SCRAM x.509. LDAP Kerberos Fine-grained auditing Field-level re- daction
<b>Auditing</b>	✓	!	✓	✓
<b>Log redaction</b>	✓	!	✓	✓
<b>Role-based access control</b>	✓	✓	✓	✓
<b>FIPS-140 module</b>	✓	!	✓	✓

	Percona Monitoring and Management (PMM)	MongoDB Community Edition	MongoDB Enterprise Advanced	MongoDB Atlas
Open source monitoring	✓	⚠	⚠	⚠
Configuration	⚠	⚠	✓	✓
Automated patches and upgrades	⚠	⚠	✓	✓
Alerting	✓	⚠	✓	✓
Alternative alerting methods	Email Webhooks Messenger integration External tool integration	⚠	Email HTTPs endpoints Messenger integration SNMP External integrations	Email HTTPs endpoints Messenger integration SNMP External integrations
Index and schema recommendations	⚠	⚠	✓	✓
Performance Advisor	⚠	⚠	✓	✓
Query Analyzer	✓	⚠	✓	✓

	Percona Operator for MongoDB	MongoDB Community Edition	MongoDB Enterprise Advanced	MongoDB Atlas
<b>Multi-cloud</b>	✓	!	✓	✓
<b>Monitoring</b>	Percona Monitoring and Management	!	Ops Manager Cloud Manager	Atlas
<b>Backup and Restores</b>	Scheduled backups On-demand backups Point-in-time recovery Physical backups Incremental backups through oplog / PITR	!	Scheduled backups On-demand backups Point-in-time recovery	Scheduled backups On-demand backups Point-in-time recovery
<b>Topologies</b>	Hidden node Arbiter node Replica set Sharded cluster	Replica set	Hidden node Arbiter node Replica set Sharded cluster	Hidden node Arbiter node Replica set Sharded cluster

	Percona Everest (Alpha Stage)	MongoDB Community Edition	MongoDB Enterprise Advanced	MongoDB Atlas
On-premises / hybrid	✓	!	✓	!
Cloud	AWS	!	AWS GCP Azure	AWS GCP Azure



- Server Features
- Backup Features
- Advanced Features
- Security Features
- Monitoring, management, and alerting
- Kubernetes Operator
- DBaaS
- Support and Services



	Percona Server for MongoDB	MongoDB Community Edition	MongoDB Enterprise Advanced	MongoDB Atlas
Multi-database support	✓	⚠	⚠	⚠
Managed services	✓	⚠	⚠	✓
Tech-agnostic consulting	✓	⚠	⚠	✓