Key components of Percona Distribution for MongoDB

Percona is committed to producing open source database software for MongoDB. The two key components of Percona Distribution for MongoDB have been developed and enhanced by experts at Percona.

Percona Server for MongoDB

delivers high performance and reliability to enterprises looking to achieve optimum performance, without being tied into an expensive proprietary software vendor relationship. It includes features such as native high availability, distributed transactions, a flexible data schema, and the familiarity of JSON documents.

Percona Backup for MongoDB

is a fully supported, open source, community backup tool designed to give you an easy commandline interface to perform a consistent backup/restore of clusters and non-sharded replica sets.

Percona Distribution for MongoDB is a source-available enterprise MongoDB solution. It helps you ensure data availability for your applications while improving security and simplifying the development of new applications in the most demanding public, private, and hybrid cloud environments.

Key features

Improved security
Leverage access and audit controls to protect your sensitive data in transit and at rest, no matter where it is stored.

- **Increased data security.** By enabling data-at-rest encryption with HashiCorp Vault, you can define who has access to sensitive data areas. This ensures users see only the data they are authorized to access.
- **Simplified user management.** External LDAP authentication allows you to easily standardize user access to the database.
- **Improved compliance reporting.** The ability to record database actions ensures you can log and audit specific database activity

Data availability, reliability, and scalability
Delivers the elasticity and data protection features you require to meet your enterprise application needs.

- **Minimized unexpected downtime.** Native high availability capabilities ensure your users have access to their data whenever and wherever they need it.
- **Data protection.** Non-blocking hot backup of your database across the replica set means you can recover quickly from unexpected issues.
- **Easily scaled environments.** Quickly respond to changing business demands by distributing read and write requests across cluster shards and adding machines to accommodate data growth.

Percona Distribution for MongoDB

works with Percona Operator for MongoDB to support cloud-native applications. The Operator delivers consistent and easy-to-reproduce environments, easing rollout concern.

Simplified application development

A document database enables you to alter and grow your database to meet business goals.

- **Easily altered database design.** A flexible data schema that allows you to adjust to meet your application needs.

- **Increased flexibility.** Storing and querying data in a native format gives developers a more natural way to interact with and manipulate data.

- **Consistency and increased speed of deployment.** Using Percona Operator for MongoDB, you can quickly and easily create identical environments across your development, test, quality assurance, and production environments. This eliminates human error and reduces development cycle times.

Percona Distribution for MongoDB gives you a single solution with the best and most critical enterprise components — designed and tested to work together. Our distribution is backed by world-class support and engineering teams, giving you peace of mind and 24x7 support, when you need it.

Percona Support, Consulting, and Managed Services

Percona Support for MongoDB offers a comprehensive, responsive, and cost-effective plan to help your organization's MongoDB deployment succeed.

Percona offers expert MongoDB Consulting services to help with your MongoDB deployment and ensure optimal ongoing performance, and MongoDB Managed Services to provide tailored managed database services for your business.

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