

Let Percona's team of MongoDB experts provide:

- Expert care, monitoring and security
- Operationalized best practices
- Security solutions for your exact requirements

Percona provides MongoDB services for clients using:

- MongoDB Core
- MongoDB sharding
- MongoDB engines
 - Percona Memory Engine
 - RocksDB
 - WiredTiger
 - MMAPv1
- IaaS and DBaaS including: MongoDB Atlas, EC2® and Rackspace® Cloud

... and more to come!

Security for MongoDB

Why pay for security features in enterprise when open source has you covered?

Online security is a prevalent concern for the increased number of application and daily business interactions conducted via Internet connections. Behind most of these transactions is a database, holding a great deal of sensitive and business-critical information. Protecting that data, and your database environment, should be a critical part of your security strategy.

A recent [IBM-sponsored, Ponemon Institute research study](#) found that the average data security breach could cost upwards of \$5.9M. It also found that:

Data breaches cost the most in the US and Germany and the lowest in Brazil and India. The average per capita cost of a data breach is \$217 in the US and \$211 in Germany . . . [and the] average total organizational cost in the US is \$6.5 million and in Germany \$4.9 million.¹

So if you are a MongoDB® user, how do you prevent a security breach?

Some would tell you that paying for the Enterprise version of MongoDB ensures the most up-to-date security tools – but in reality, you can get the same level of security using an open source version:

- **Centralized LDAP authentication.** LDAP Authentication centralizes your company directory (for PCI compliance purposes). LDAP authentication is available in [Percona Server® for MongoDB](#).
- **Role-based authorization.** You can use built-in (or create custom) roles controlling what actions users are allowed to do. Role-based Authorization or (RBAC) is core to MongoDB Community, MongoDB Enterprise and [Percona Server for MongoDB](#).
- **At-Rest and In-Transit encryption.** To be PCI compliant, you must support encryption for both at-rest and in-transit data. [Percona Server for MongoDB](#) supports both at-rest and in-transit encryption.*
- **Document validation.** Document validation is the ability to enforce complex standards for sensitive data (such as SSN or DOB information) on the system. It's an important feature that is available in [Percona Server for MongoDB](#).
- **User-based auditing.** User-based auditing allows you to track what user did what action in the database. [Percona Server for MongoDB](#) supports user-based auditing.

You can protect your company data and fulfill all your PCI compliance needs using a free community version of MongoDB – such as Percona Server for MongoDB. Percona brings enterprise features to the community version, and reduces your total cost of ownership (TCO) by avoiding vendor lock-in.

*Requires LUKS for file system encryption

Percona is committed to producing open source software for MongoDB users. We offer our own MongoDB software solutions and also participate actively in many non-Percona software projects. All Percona software is open source and free of charge. New code releases are announced on the Percona Performance Blog along with benchmark results, when available.

Download Percona Server for MongoDB

Percona Server for MongoDB can be downloaded using this link: <https://www.percona.com/downloads/percona-server-mongodb-3.2/LATEST/>.

Percona Server for MongoDB is free to download.

Contact Us Now for Deployment Assistance

For organizations interested in using Percona Server for MongoDB for their high-performance database needs, Percona offers Support and Consulting services. To learn about how Percona Care can help you and for pricing information, please contact us at 1-888-316-9775 or 0-800-051-8984 in Europe or sales@percona.com.

About Percona

Percona is the only company that delivers enterprise-class software, support, consulting and managed services solutions for both MySQL and MongoDB across traditional and cloud-based platforms that maximize application performance while streamlining database efficiencies. Our global 24x7x365 [consulting team](#) has worked with over 3,000 clients worldwide, including the largest companies on the Internet, who use MySQL, Percona Server, Amazon[®] RDS for MySQL, MariaDB[®] and MongoDB.

¹ <https://nhlearningsolutions.com/Portals/0/Documents/2015-Cost-of-Data-Breach-Study.PDF>