

TIP SHEET

Percona Distribution for MongoDB



Top Tips to Start Using Percona Distribution for MongoDB

[Percona Distribution for MongoDB](#) delivers high-performance and reliability to enterprises who want optimum MongoDB performance without being tied into an expensive proprietary software vendor relationship.

Our top tips highlight important elements to consider in order to get the most out of Percona Distribution for MongoDB from the very beginning!

TIP - 01 Security

MongoDB is known for leaving a significant [security gap](#), as it installs without authentication by default. This is because MongoDB sets “–auth” off by default, which leaves your [database vulnerable to attack](#). It is essential that you consider the security of your data and ensure that your MongoDB installation is properly protected.

Percona works closely with your technology team to ensure that your environment is properly secured. Our years of experience working with MongoDB means that we can apply our in-depth knowledge of best practices to your database deployment. We stay ahead of the curve, refining, and improving best practices to accommodate changing threats. In addition to solving the mentioned authentication issue, we also work with you to ensure a stable and secure environment for your data.



TIP - 02 Architecture

MongoDB is ideally used in a [replica set environment](#), with multiple nodes storing redundant data sets. This creates a high availability environment, but also adds additional costs. It is important to consider the architecture of your MongoDB installation so that you can maintain data availability.

Percona can design the best MongoDB environment for your needs, both now and in the future. While spending upfront on database design may seem counterintuitive, a small investment at the outset can prevent massive overspend in the future.



TIP - 03 Running Your Database Without a DBA

It is possible to run your MongoDB environment without a dedicated DBA. In fact, this is one of the primary features of the product; it is a far more user-friendly environment for developers.

The overall [sense of what a DBA does](#) (and should do) is also changing, and this new direction is more in-line with the MongoDB approach.

However, this does not remove the need for the type of oversight that a DBA provides. Due consideration must be given to tasks such as [backup](#), system maintenance, upgrade planning, and more. Without a dedicated DBA, it is easy for these items to be overlooked, leading to potentially costly problems further down the line.



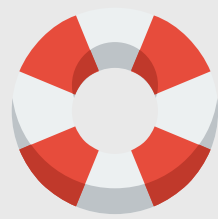
As part of the database design process, our [Consulting](#) team will define all of the activities that need to be done to ensure your database performs at the optimum level, and that necessary tasks are handled. Many of these tasks can be automated so that physical intervention is not required under normal circumstances.

TIP - 04 Support

Users of MongoDB Community Edition can usually rely on the community for simple support guidance. However, for expert assistance, it is best to [engage with an organization](#) that knows and understands the intricacies and characteristics of MongoDB.

With additional support options for users who also run MySQL and PostgreSQL databases alongside their MongoDB deployment, Percona [Support](#) can provide a single support contract, which covers multiple open source database products.

Percona provides support services to all users of MongoDB, whether you are running Percona Distribution for MongoDB, MongoDB Community, or another open-source variant. You have 24x7x365 access to the most experienced Support team in the industry, ready and waiting to solve your MongoDB and open source database challenges.



For further information on Percona Distribution for MongoDB please review the [release blog](#). You can also visit our [Database Performance Blog](#) for more detailed practical and technical insights into MongoDB.



Contact Us

Percona [Support](#) services are accessible 24x7x365 online or by phone to provide assistance with issues and help you keep your databases running optimally.

We can provide onsite or remote Percona [Consulting](#) for current or planned projects, migrations, or emergency situations. Every engagement is unique and we work alongside you to plan and create the most effective solutions for your business.

Percona [Managed Services](#) can support and help you manage your existing database infrastructure; whether hosted on-premise, or at a co-location facility, or if you purchase services from a cloud provider or database-as-a-service provider.

To learn more about how Percona can help, and for pricing information, please contact us at +1-888-316-9775 (USA), +44 203 608 6727 (Europe), or email us at sales@percona.com.