MongoDB Ops Manager Datasheet

MongoDB Ops Manager makes it fast and easy for you to deploy, monitor, upgrade, back up and scale your MongoDB deployment. Created by the engineers who develop the database and available as part of MongoDB Enterprise Advanced, Ops Manager allows you to take advantage of MongoDB best practices and reduce the overhead of operating both your new and existing deployments.

Comprehensive monitoring for full performance visibility

High-performance distributed systems benefit from comprehensive monitoring. Ops Manager gives you the insights you need to ensure smooth operations and a great experience for your end users.

- **Visibility into your cluster.** Gain valuable insight into the performance of your MongoDB cluster. View 100+ historical metrics that could impact the experience of your users and track key performance indicators across dozens of charts. Get live updates with the Real-Time Performance Panel, which displays memory usage, network I/O, operations in flight, and more.

- **Custom, metric-based alerting.** Be the first to know when there is a performance issue. Ops Manager allows you to set custom alerts when key metrics are out of range so incidents don't become emergencies. You can also get alerted the way you want. Alerts can be sent via email, SMS, HipChat, PagerDuty, and more.

- **Integrate with monitoring tools.** Bring Ops Manager monitoring into your favorite monitoring dashboards using our RESTful API. Make the deep insights from Ops Manager part of the unified view of your operations.

Fast and simple performance optimization

Ops Manager allows you to seamlessly identify and optimize your slow-running queries.

- **Single-click query analysis.** The Visual Query Profiler, which displays how query and write latency varies over time, provides a quick and convenient way for operations teams and DBAs to analyze queries. Activate the profiler with a single click, then sit back as it consolidates and displays metrics from every node in a single screen.

- **Index suggestions and automated index builds.** The Performance Advisor helps you address suboptimal performance by showing you slow-running queries and automatically generating index suggestions to help improve their performance. Ops Manager can then automate the roll-out of new indexes across your production system according to database best practices, allowing you to easily optimize your deployment with minimal effort and risk.

Automated database management for 10-20x more efficient ops

Ops Manager reliably handles the tasks you currently perform manually by coordinating critical operational tasks across the servers in your MongoDB deployment.

- **Simple configuration and management.** Launch MongoDB standalones, replica sets, or sharded clusters and effortlessly add capacity to your deployments as they grow. Create pre-provisioned server pools for true, on-demand

database resources for private cloud environments. Configure security settings and advanced features such as MongoDB zones from the Ops Manager GUI.

- **Hot upgrades.** Take advantage of the latest features of MongoDB. Upgrade or downgrade clusters on-demand with no downtime.

- **Ease of use.** You can use the Ops Manager interface directly, or leverage our RESTful API to integrate with the enterprise operations orchestration and management tools you already use.

Continuous backup for your mission-critical applications

Backups are critical for any production system. Ops Manager enables you to securely back up and restore MongoDB systems in real-time through an easy-to-use interface.

- **Point-In-Time Recovery.** Ops Manager is the only MongoDB backup solution that offers point-in-time recovery of replica sets and cluster-wide snapshots of sharded clusters. Restore to precisely the moment you need, quickly and safely.

- **Continuous, Incremental Backups.** Ops Manager backups are maintained continuously, just a few seconds behind your operational system. If your system goes down, the most recent backup is only moments behind, minimizing your exposure to data loss.

- **Simplified, customizable backups.** Backup files managed by Ops Manager can be stored on standard network-mountable file systems to make use of your existing storage infrastructure. Ops Manager supports creating encrypted backups. And finally, backups can also be configured for specific collections rather than the entire database to avoid over-provisioning.

- **Seamless database restores.** Development, test and recovery clusters can now be safely and reliably built with new automation-driven restores. In a few simple clicks, Ops Manager agents can pull database snapshots from MongoDB backups and configure them as a live, running database cluster.

- **Queryable backups.** Ops Manager allows you to query specific backup snapshots. This makes it easy to restore a subset of data within your deployment in minutes, compare previous versions of data against current data, or identify the best point in time to restore a system by comparing data across multiple snapshots.

Resources

We are the MongoDB experts. Over 4,300 organizations rely on our commercial products, including startups and more than half of the Fortune 100. We offer software and services to make your life easier. For more information, please visit mongodb.com or contact us at sales@mongodb.com.