



Major Version Upgrade

MongoDB Professional Services

If you're running your application on MongoDB and want to take advantage of the latest features, enlist a MongoDB consulting engineer to ensure a smooth transition. With a Major Version Upgrade consult, you receive guidance on the necessary upgrade steps tailored specifically to your deployment, get a walk through of the upgrade process, and get assistance on testing the upgraded application.

There are many reasons to upgrade to the latest version of MongoDB. You benefit from access to the latest features of the supported version, performance improvements, and bug fixes, plus the the new features of Ops Manager and our other tooling. Working with one of our consulting engineers means you also get to mitigate against potential downtime or interruption to your application during the upgrade process.

The schedule below describes a typical agenda and timeline for a Major Version Upgrade consulting engagement. The specific consulting agenda items may differ for your particular needs.

Key Activities

Day 1

We will work with your team to identify key aspects of your application and MongoDB deployment, including:

- Project structure
- Overall application architecture
- MongoDB deployment topology and configuration
- Requirements and constraints for the upgrade operation (e.g. application uptime requirements)

We will work with your team to assess the impact on your application of compatibility changes in the new version and recommend any needed changes in the following areas:

- Application data access layer
- MongoDB cluster configuration
- Operational processes and tooling

Day 2

We will collaborate with your team to create a detailed step-by-step upgrade plan tailored to your application's requirements and constraints. We will also assist with setting up a non-production test environment to perform a dry run of the upgrade

Day 3

We will work with your team to perform a dry run of the upgrade process in the non-production test environment. Time permitting, and if desired by you, we'll assist with carrying out the upgrade of the production environment. Time permitting, we will answer any other questions related to running on the new version of MongoDB.

Deliverables

At the end of the engagement, you will receive a written report that includes:

- A detailed upgrade plan that clearly outlines the necessary steps to ensure the new version of MongoDB continues to satisfy application requirements (e.g., latency, throughput, etc.)
- Detailed suggestions on what new features from the upgraded version of MongoDB should be used in the application or deployment

Your MongoDB consulting engineer will execute the upgrade in a test environment to check for changes that could affect application logic or performance. The written report will provide a plan for upgrading your production environment, which MongoDB's consultant can carry out at your discretion during the engagement, time permitting.

If you're a MongoDB commercial support customer, the consulting engineer will also file a tracking issue with the MongoDB support team to further assist you at the time of production upgrade.

Resources

We are the MongoDB experts, with over 50K+ customers relying on our commercial products. We offer software and services to make your life easier. For more information, please visit mongodb.com or contact us at sales@mongodb.com.

Engagement Details

- A Major Version Upgrade consult is focused on one project or application build.
- A MongoDB consulting engineer spends 3 consecutive days working with your development team, typically on site. Within 10 days, you will receive a comprehensive written report.
- A Major Version Upgrade engagement is typically used for an in-production deployment of MongoDB, but we can help with a version upgrade anywhere in the development cycle.
- The engineer from MongoDB collaborates closely with your operations staff to develop a detailed upgrade plan from one major version of MongoDB to one of its successors, and to execute this upgrade plan on a testing environment.

- MongoDB Atlas (mongodb.com/atlas)
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