Time Format Changes MongoDB now uses iso8601-local when formatting time data in many outputs. This format follows the template YYYY-MM-DDTHH:mm:ss.mmm<+/-Offset>. For example, 2014-03-04T20:13:38.944-0500.

This change impacts all clients using Extended JSON in *Strict mode*, such as mongoexport and the REST and HTTP Interfaces⁶⁶⁹.

Other Resources

- All backwards incompatible changes (JIRA)⁶⁷⁰.
- Release Notes for MongoDB 2.6 (page 827).
- *Upgrade MongoDB to 2.6* (page 866) for the upgrade process.

Some changes in 2.6 can affect *compatibility* (page 856) and may require user actions. The 2.6 mongo shell provides a db.upgradeCheckAllDBs () method to perform a check for upgrade preparedness for some of these changes.

See Compatibility Changes in MongoDB 2.6 (page 856) for a detailed list of compatibility changes.

See also:

All Backwards incompatible changes (JIRA)⁶⁷¹.

Upgrade Process

Upgrade MongoDB to 2.6 In the general case, the upgrade from MongoDB 2.4 to 2.6 is a binary-compatible "drop-in" upgrade: shut down the mongod instances and replace them with mongod instances running 2.6. **However**, before you attempt any upgrade, familiarize yourself with the content of this document, particularly the *Upgrade Recommendations and Checklists* (page 866), the procedure for *upgrading sharded clusters* (page 868), and the considerations for *reverting to 2.4 after running 2.6* (page 871).

Upgrade Recommendations and Checklists When upgrading, consider the following:

Upgrade Requirements To upgrade an existing MongoDB deployment to 2.6, you must be running 2.4. If you're running a version of MongoDB before 2.4, you *must* upgrade to 2.4 before upgrading to 2.6. See *Upgrade MongoDB* to 2.4 (page 892) for the procedure to upgrade from 2.2 to 2.4.

If you use MongoDB Cloud Manager⁶⁷² Backup, ensure that you're running *at least* version v20131216.1 of the Backup agent before upgrading. Version 1.4.0 of the backup agent followed v20131216.1

Preparedness Before upgrading MongoDB always test your application in a staging environment before deploying the upgrade to your production environment.

To begin the upgrade procedure, connect a 2.6 mongo shell to your MongoDB 2.4 mongos or mongod and run the db.upgradeCheckAllDBs() to check your data set for compatibility. This is a preliminary automated check. Assess and resolve all issues identified by db.upgradeCheckAllDBs().

Some changes in MongoDB 2.6 require manual checks and intervention. See *Compatibility Changes in MongoDB* 2.6 (page 856) for an explanation of these changes. Resolve all incompatibilities in your deployment before continuing.

 $rc1\%22\%2C\%20\%222.6.0 - rc2\%22\%2C\%20\%222.6.0 - rc3\%22)\%20 \\ AND\%20\%22Backwards\%20 \\ Compatibility\%22\%20 \\ in\%20(\%20\%22M in or\%20 \\ Change\%22\%2C\%20\%20 \\ Change\%22\%2C\%20 \\ Change\%22\%20 \\ Change\%220 \\$

⁶⁶⁹ https://docs.mongodb.org/ecosystem/tools/http-interfaces

⁶⁷²https://cloud.mongodb.com/?jmp=docs