

mongo Shell Version Compatibility Versions of the `mongo` shell before 3.0 are *not* compatible with 3.0 deployments of MongoDB that enforce access control. If you have a 3.0 MongoDB deployment that requires access control, you must use 3.0 versions of the `mongo` shell.

HTTP Status Interface and REST API Compatibility Neither the HTTP status interface nor the REST API support the *SCRAM-SHA-1* (page 321) challenge-response user authentication mechanism introduced in version 3.0.

Indexes

Remove dropDups Option `dropDups` option is no longer available for `createIndex()`, `ensureIndex()`, and `createIndexes`.

Changes to Restart Behavior during Background Indexing For 3.0 `mongod` instances, if a background index build is in progress when the `mongod` process terminates, when the instance restarts the index build will restart as foreground index build. If the index build encounters any errors, such as a duplicate key error, the `mongod` will exit with an error.

To start the `mongod` after a failed index build, use the `storage.indexBuildRetry` or `--noIndexBuildRetry` to skip the index build on start up.

2d Indexes and Geospatial Near Queries For `$near` queries that use a *2d* (page 497) index:

- MongoDB no longer uses a default limit of 100 documents.
- Specifying a `batchSize()` is no longer analogous to specifying a `limit()`.

For `$nearSphere` queries that use a *2d* (page 497) index, MongoDB no longer uses a default limit of 100 documents.

Driver Compatibility Changes Each officially supported driver has release a version that includes support for all new features introduced in MongoDB 3.0. Upgrading to one of these version is strongly recommended as part of the upgrade process.

A driver upgrade is **necessary** in certain scenarios due to changes in functionality:

- Use of the `SCRAM-SHA-1` authentication method
- Use of functionality that calls `listIndexes` or `listCollections`

The minimum 3.0-compatible driver versions are:

Driver Language	Minimum 3.0-Compatible Version
C ²³²	1.1.0 ²³³
C++ ²³⁴	1.0.0 ²³⁵
C# ²³⁶	1.10 ²³⁷
Java ²³⁸	2.13 ²³⁹
Node.js ²⁴⁰	1.4.29 ²⁴¹
Perl ²⁴²	0.708.0.0 ²⁴³
PHP ²⁴⁴	1.6 ²⁴⁵
Python ²⁴⁶	2.8 ²⁴⁷
Motor ²⁴⁸	0.4 ²⁴⁹
Ruby ²⁵⁰	1.12 ²⁵¹
Scala ²⁵²	2.8.0 ²⁵³

²³²<https://docs.mongodb.org/ecosystem/drivers/c>

²³³<https://github.com/mongodb/mongo-c-driver/releases>