

http://docs.mongodb.org/manual/tutorial/install-mongodb-on-red-hat/?_ga=1.100436378.526747698.1434081946

Install the MongoDB packages and associated tools.

1. Create a `/etc/yum.repos.d/mongodb-org-3.0.repo` file so that you can install MongoDB directly, using yum.

```
sudo gedit /etc/yum.repos.d/mongodb-org-3.0.repo
```

2. Copy the following and save the file

```
[mongodb-org-3.0]

name=MongoDB Repository

baseurl=https://repo.mongodb.org/yum/redhat/$releasever/mongodb-org/3.0/x86_64/

gpgcheck=0

enabled=1
```

3. To install the latest stable version of MongoDB, issue the following command:

```
sudo yum install -y mongodb-org
```

4. You can specify any available version of MongoDB. However yum will upgrade the packages when a newer version becomes available. To prevent unintended upgrades, pin the package. To pin a package, add the following exclude directive to your `/etc/yum.conf` file:

```
exclude=mongodb-org,mongodb-org-server,mongodb-org-shell,mongodb-org-mongos,mongodb-org
-tools
```

5. The MongoDB instance stores its data files in `/var/lib/mongo` and its log files in `/var/log/mongodb` by default, and runs using the `mongod` user account.

[Optional] You can specify alternate log and data file directories in `/etc/mongod.conf`

6. Start MongoDB.

You can start the `mongod` process by issuing the following command:

```
sudo service mongod start
```

or

```
sudo mongod -f /etc/mongod.conf
```

7. Verify that MongoDB has started successfully

You can optionally ensure that MongoDB will start following a system reboot by issuing the following command:

```
sudo chkconfig mongod on
```

Stop/Restart MongoDB.

As needed, you can stop or restart the `mongod` process by issuing the following command:

```
sudo service mongod stop
```

```
sudo service mongod restart
```

8. Use MongoDB.

Type the following command. In the prompt start typing mongo queries

```
mongo
```

9. Load sample data –

9.1 In cloudera open to "file browser" and go to "/home/cloudera/datasets" folder. Drag and drop msft.csv file from windows host machine to "/home/cloudera/datasets" folder

9.2 mongoimport allows you to load CSV files directly as a flat document in MongoDB. The command is simply this:

```
mongoimport /home/cloudera/datasets/msft.csv --type csv --headerline -d marketdata -c minibars
```

Use the following commands to check if data has been successfully imported

```
mongo
```

```
use marketdata
```

```
db.minbars.findOne()
```