



MONGODB ENTERPRISE SERVER INSTALLATION IN RHEL

Cognitive Assistant for Networks (CAN) Release 5.5



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Table of Contents

1. Introduction	3
2. MongoDB enterprise server installation in RHEL	3

1. Introduction

This document focuses on the MongoDB Enterprise edition installation & configuration on VM based environment. Existing customer environments with VM based MongoDB setup can use this documentation for installing the Enterprise edition of MongoDB server.

2. MongoDB enterprise server installation in RHEL

Follow the steps:

1. Configure the yum package manager by creating a file called `/etc/yum.repos.d/mongodb-enterprise.repo`.

```
sudo vi /etc/yum.repos.d/mongodb-enterprise.repo
```

Add the following line to this file and save it.

For MongoDB 3.6 version

```
[mongodb-enterprise]
name=MongoDB Enterprise Repository
baseurl=https://repo.mongodb.com/yum/redhat/$releasever/mongodb-enterprise/3.6/x86_64/
gpgcheck=1
enabled=1
gpgkey=https://www.mongodb.org/static/pgp/server-3.6.asc
```

For For MongoDB 4.4.5 version

```
[mongodb-enterprise]
name=MongoDB Enterprise Repository
baseurl=https://repo.mongodb.com/yum/redhat/$releasever/mongodb-enterprise/4.4/x86_64/
gpgcheck=1
enabled=1
gpgkey=https://www.mongodb.org/static/pgp/server-4.4.asc
```

2. Install mongoDB

```
sudo yum install -y mongodb-enterprise
```

This will download the MongoDB from the official MongoDB repositories.

If you install MongoDB using the steps above, yum will automatically upgrade MongoDB to a newer version whenever one appears. If you don't want this to happen, then adding a line like the following to your `/etc/yum.conf` will pin the current version of MongoDB packages.

```
sudo vi /etc/yum.conf
```

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

3. Configure MongoDB

Create mongologs and mongodata directories

```
mkdir mongologs
mkdir mongodata
```

Give the above logs and data path in mongod configuration file. Edit the configuration like below and save.

```
sudo vi /etc/mongod.conf
```

where to write logging data.

```
systemLog:
  destination: file
  logAppend: true
  path: <mongo_logs_directory_path>/mongod.log
```

Where and how to store data.

```
storage:
  dbPath: <mongo_data_directory_path>
  journal:
    enabled: true
```

how the process runs

```
processManagement:
  fork: true # fork and run in background
  pidFilePath: <mongo_data_directory_path>/mongod.pid # location of pidfile
```