**Setup MONGODB Server on CentOS 7:**

https://www.liquidweb.com/kb/how-to-install-mongodb-on-centos-7/

The following post explains steps I took to install and enable mongoDB 3.2.1 as a service running under CentOS 7

Before installing MongoDB, make sure you have installed all necessary packages or you can run the following to install necessary dependencies.

#sudo yum group install "Development Tools"

#sudo yum install scons

#sudo yum install glibc-static

**Add the MongoDB Repository**

**#vi /etc/yum.repos.d/mongodb.repo**

[mongodb-org-3.2]

name=MongoDB Repository

baseurl=https://repo.mongodb.org/yum/redhat/$releasever/mongodb-org/3.2/x86\_64/

gpgcheck=1

enabled=1

gpgkey=https://www.mongodb.org/static/pgp/server-3.2.asc

**Run the following to Install MongoDB 3.2**

#yum -y update

#yum -y install mongodb-org mongodb-org-server

Once you are done with the installation start MongoDB Service by running the following

#systemctl start mongod

**To check which version of MongoDB installed**

**#mongo --version**

**Make Mongodb to listen to TCP IP protocal by editing mongodb config file.**

First make sure you stop MongoDB Service by the running the following

#systemctl stop mongod

**Edit the MongoDB conf file as per your requirement**

**#vi /etc/mongod.conf**

**Uncomment #port=27017** (this is to open port and connect using any DB client)

port=27017

And comment #bind\_ip=127.0.0.1 (# Listen to local interface only.) so it can listen to any TCPC IP

#bind\_ip=127.0.0.1

Once you are done with modification and save, make sure to start MongoDB service to propagate changes. (Start MongDB Service)

#systemctl start mongod

**Make Monddb Service start after reboot.**

#systemctl enable mongod.service

#chkconfig mongod on

Install PHP Driver for MongoDB

#yum search php- | grep mongo

#yum install php-mongo

Check PHP Driver for mongo after installation

#php -m | grep -I mongo

#php --ri mongo | grep Version

#php --ri mongodb | grep version

**Instruction’s to Change MongoDB Default Database Path:**

1. Before making any changes, stop mongodb service

# service mongod stop

1. Now change the location of dbpath where MongoDB store all data. Edit mongodb configuration file /etc/mongodb.conf and update the value of dbpath variable with the new directory.

#vi /etc/mongodb.conf

Change this:

dbpath=/var/lib/mongo

With:

dbpath=/home/myuser/data/mongo

**Save and close the file**

1. Now copy the old directory files to new location, like below command

# cp -ra /var/lib/mongo /home/myuser/data/mongo

1. Finally start the mongodb service using following command. Now MongoDB will start using new directory (/home/myuser/lib/mongo) as default data directory.

**OR**

**You can do the following to change the mongodb database store location.**

Create Directory on external storage

#mkdir -p /mongodb/db

make sure mount your external to /mongodb and also make sure it should be auto mount.

Now the run the following to make mongodb read and write premissions.

Created three partitions for data, journal & log:

sudo mkdir /mongo

sudo mkdir /mongo/data

sudo mkdir /mongo/log

sudo mkdir /mongo/journal

Given the permissions and created link

sudo chown mongod:mongod /mongo/data /mongo/journal /mongo/log

sudo ln -s /mongo/journal /mongo/data/journal

OR

#mkdir -p /mongodb/db

#mount /dev/sdb1 /mongodb

$ sudo chown -R mongod:mongod /mongodb/db

$ sudo chmod 0755 /mongodb/db

$ sudo mkdir -p /mongodb/log

$ sudo chown mongod:mongod /mongodb/log

$ sudo chmod 0755 /mongodb/log

# service mongod start

Test Login to MongoDB and check

#mongo

#mongo --port 27017

**Dump and Restore Mongodb DataBase**

**Dump:**

#mkdir /backup

#cd /backup

#mongodump –db DatabaseName

mongodrestore --db DB\_Name --drop Database\_backup\_location

**Restoring Database with Indexing:**

mongorestore --db DB\_Name --noIndexRestore --drop Database\_backup\_location

http://dropbit.com/?p=177

http://www.thegeekstuff.com/2013/09/mongodump-mongorestore/

http://tecadmin.net/change-mongodb-default-data-path/