**Talend 8X version license installation of**

**MongoDB Database for TDP,TDS,DQdict**

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| --- | --- | --- |
| Signatures by each signatory indicate their acceptance that this document is complete and accurate to the best of his/her knowledge per responsibilities outlined in this document and as guided by approved methodologies and established procedures. | | |
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**\*Commands to Installation of MongoDB Database. \***

**1) Check the open ssl version it should be minimum 3 for mongo DB new version**

openssl version



**2) Check the mongo DB port is opened on the server.**

**3) Install the mongoDB**

**a) vi /etc/yum.repos.d/mongodb-org-7.0.repo**



**b) Edit the file and paste the lines**

vi mongodb-org-7.0.repo

[mongodb-org-7.0]

name=MongoDB Repository

baseurl=https://repo.mongodb.org/yum/redhat/9/mongodb-org/7.0/x86\_64/

gpgcheck=1

enabled=1

gpgkey=https://www.mongodb.org/static/pgp/server-7.0.asc

**c)install the mongoDB**

mongod --version

yum install -y mongodb-org

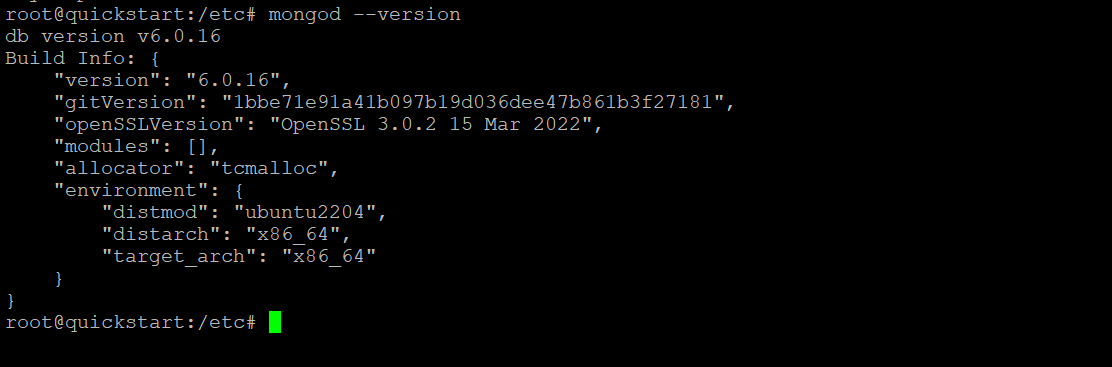
**d)Start and Enable the mongodb**

systemctl start mongod

systemctl enable mongod

systemctl status mongod

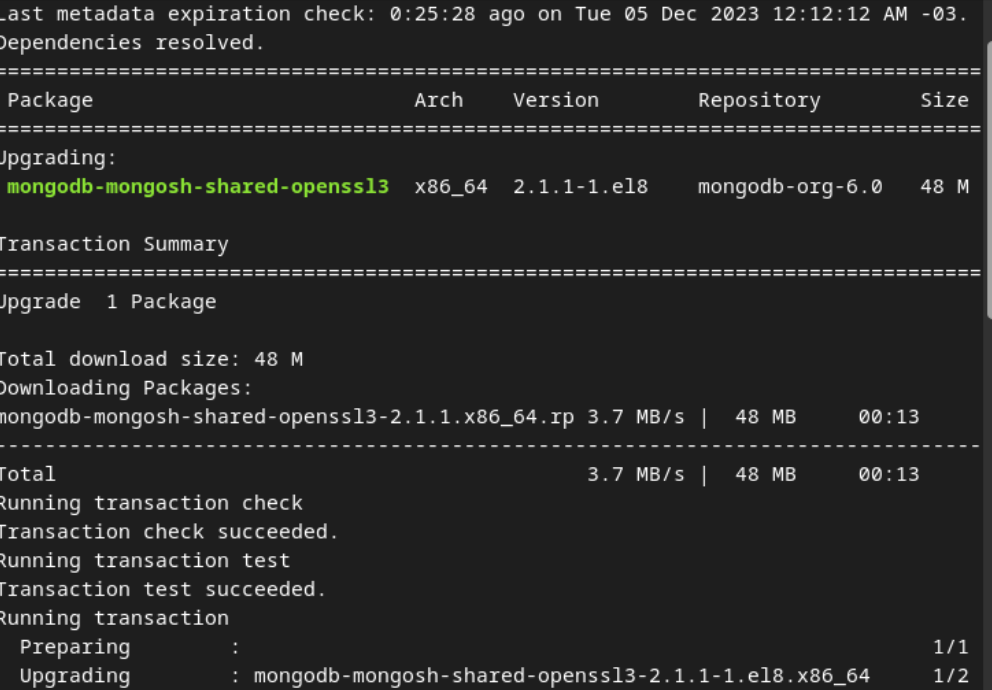
e)check the mongoDB running



**f) Install mongossl to connect to mongoDB**

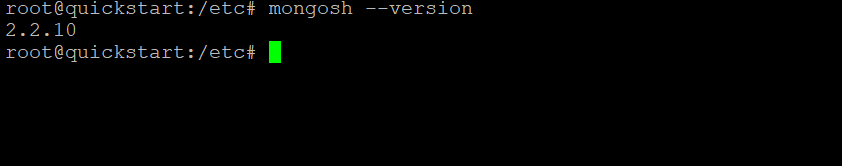
systemctl stop mongod

yum install -y mongodb-org mongodb-mongosh-shared-openssl3 openssl mongodb-org-database-tools-extra mongodb-database-tools mongodb-org-tools mongodb-org-server mongodb-org-mongos mongodb-org-database



**g) check the mongossl**

mongosh –-version



**h) path of mongoDB configuration**

vi /etc/mongod.conf

i) Link to install and configure mongoDB

<https://www.freecodecamp.org/news/how-to-install-mongodb-with-openssl-3-support-on-fedora-39/>

**\*configuration of MongoDB for TDP,TDS ,Dq dict\***

**\***link to install and configure mongo DB

<https://help.talend.com/en-US/installation-guide-linux/8.0/installing-configuring-mongodb>

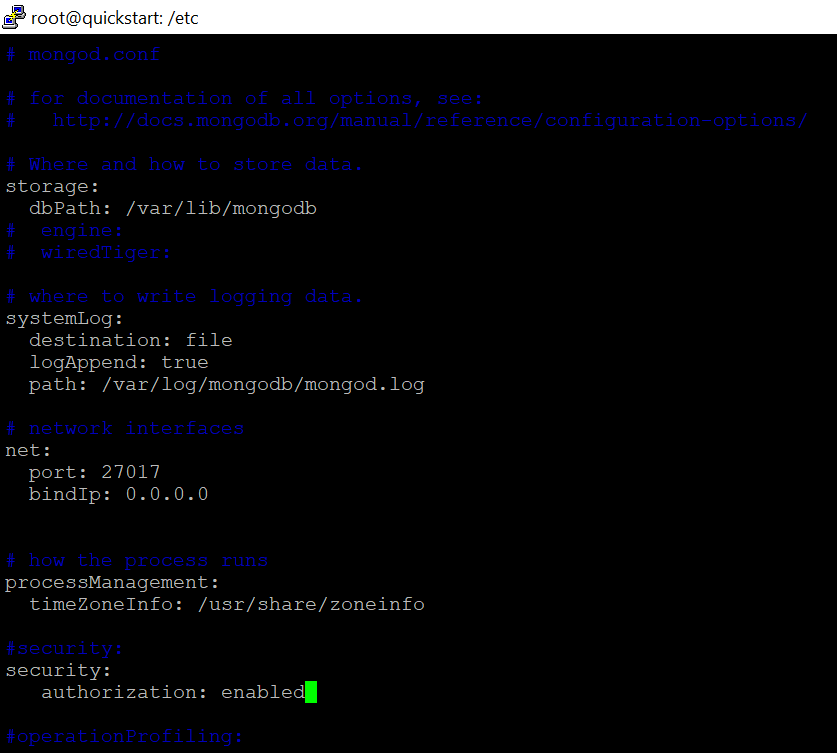
**1)Go to mongoDb configuration**

cd /etc

vi mongod.conf

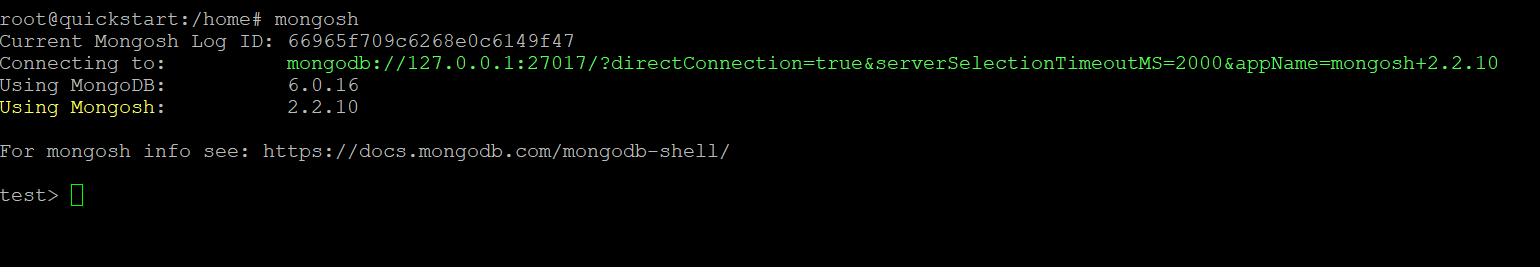
security:

authorization: enabled



**2) connect with mongoDB with mongosh command**

mongosh

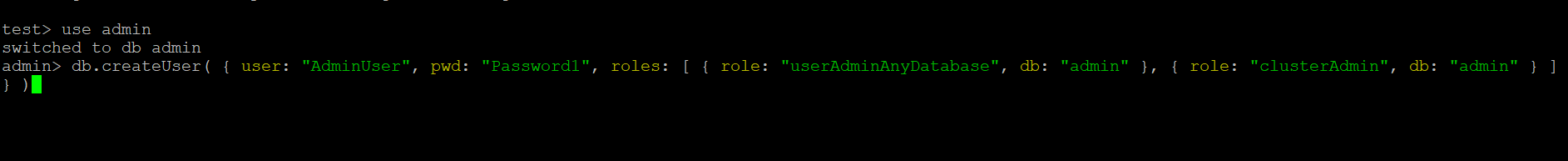


**3) create the admin user and password**

use admin

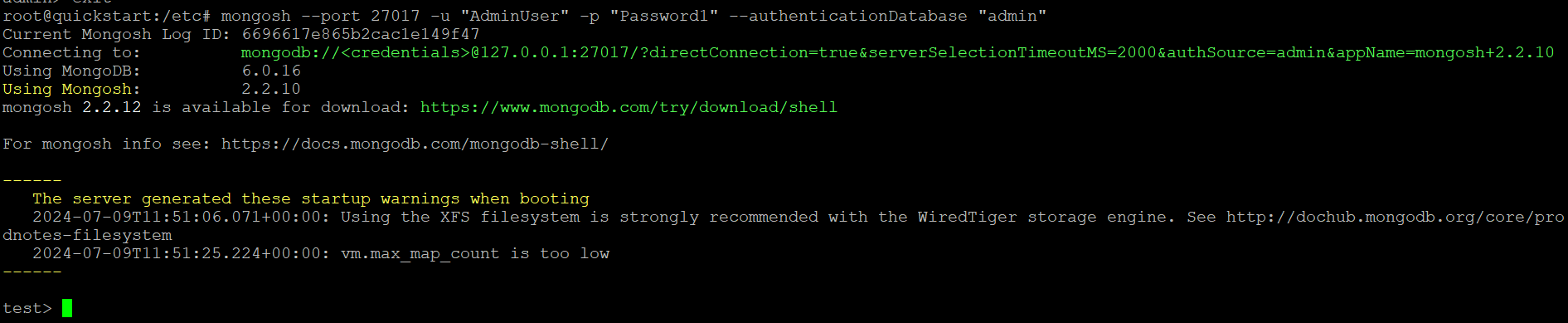
db.createUser( { user: "AdminUser", pwd: "Password1", roles: [ { role: "userAdminAnyDatabase", db: "admin" }, { role: "clusterAdmin", db: "admin" } ] } )

exit



**3)connect the mongoDB with admin privilages**

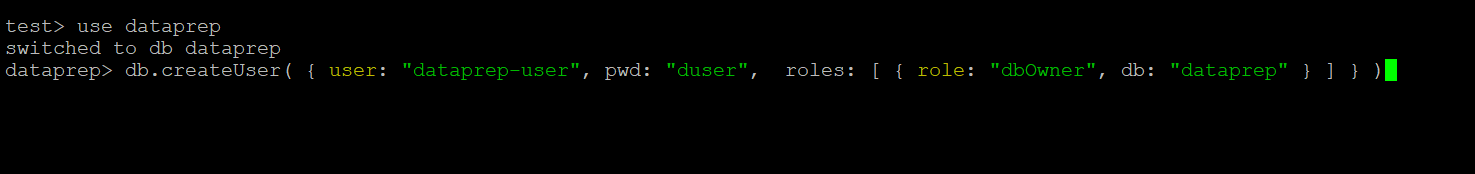
mongosh --port 27017 -u "AdminUser" -p "Password1" --authenticationDatabase "admin"



**4)create the dataprep username password**

use dataprep

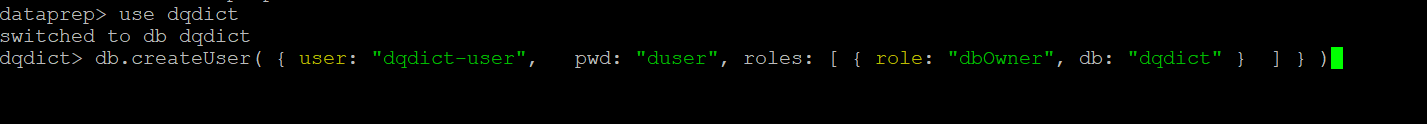
db.createUser( { user: "dataprep-user", pwd: "duser", roles: [ { role: "dbOwner", db: "dataprep" } ] } )



**5)create Dq dict username and password**

use dqdict

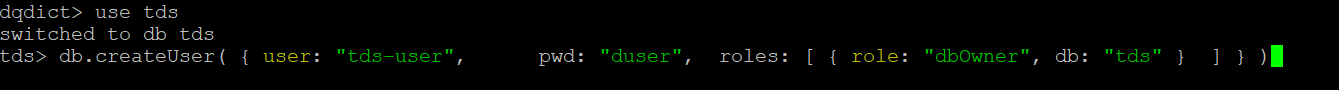
db.createUser( { user: "dqdict-user", pwd: "duser", roles: [ { role: "dbOwner", db: "dqdict" } ] } )



**6)create data stewardship username and password**

use tds

db.createUser( { user: "tds-user", pwd: "duser", roles: [ { role: "dbOwner", db: "tds" } ] } )



**7) Restart the MongoDB database service**

systemctl restart mongod

systemctl status mongod