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**CREATE AUTH FOR MONGO**

**In this file the example given is for LDP-NG db. It can be used with every other db.**

1. Connect to mongodb:

Open cmd in mongoHome (usually C:\Program Files (x86)\MongoDB\Server\3.2\bin) and type:

mongod.exe --storageEngine=mmapv1 --dbpath C:\mongoDB-Db

(Enter 'dbpath' for dbs storage destination folder)

2. Create the user administrator:

connect to mongo console:

Open cmd in mongoHome (usually C:\Program Files (x86)\MongoDB\Server\3.2\bin) and type:

mongo.exe

1. Create admin user for the data base you want:

To create or connect to data base named "LDP-NG", type:

use LDP-NG

to create the admin user for this db type:

db.createUser(

{

user: "LDP-Admin",

pwd: "1q2w3e4r",

roles: [ { role: "userAdminAnyDatabase", db: "admin" } ]

}

)

Enter whatever user and pwd you wish.

1. Disconnect the mongo shell. Type: exit

Disconnect the mongoDB. Type: ctrl+C

5. Re-start MongoDB with access control.

mongod --auth --port 27017 --storageEngine=mmapv1 --dbpath C:\mongoDB-Db

6. Connect to LDP-NG db which was earlier created, and authenticate as user administrator:

mongo.exe --port 27017 -u "LDP-Admin" -p "1q2w3e4r" –authenticationDatabase "LDP-NG"

7. Create additional users as needed for your deployment:

Type:

use LDP-NG

than:

db.createUser(

{

user: "LDP-USER",

pwd: "1q2w3e4r",

roles: [ { role: "readWrite", db: "LDP-NG" },

{ role: "read", db: "admin" } ]

}

)

All done. Now you have a user with authentication for your db.

8. To verify authentication, exit mongoDB and re connect to the db :

mongo --port 27017 -u "LDP-USER" -p "1q2w3e4r" --authenticationDatabase "LDP-NG"

9. When in a Spring boot application, add the following to application.properties file:

spring.data.mongodb.username=LDP-USER

spring.data.mongodb.password=1q2w3e4r