Homework 4

Objective: The purpose of this Hw was to practice with looking up technical information on the MongoDB web site, and get more familiar with some basic configuration options of MongoDB.

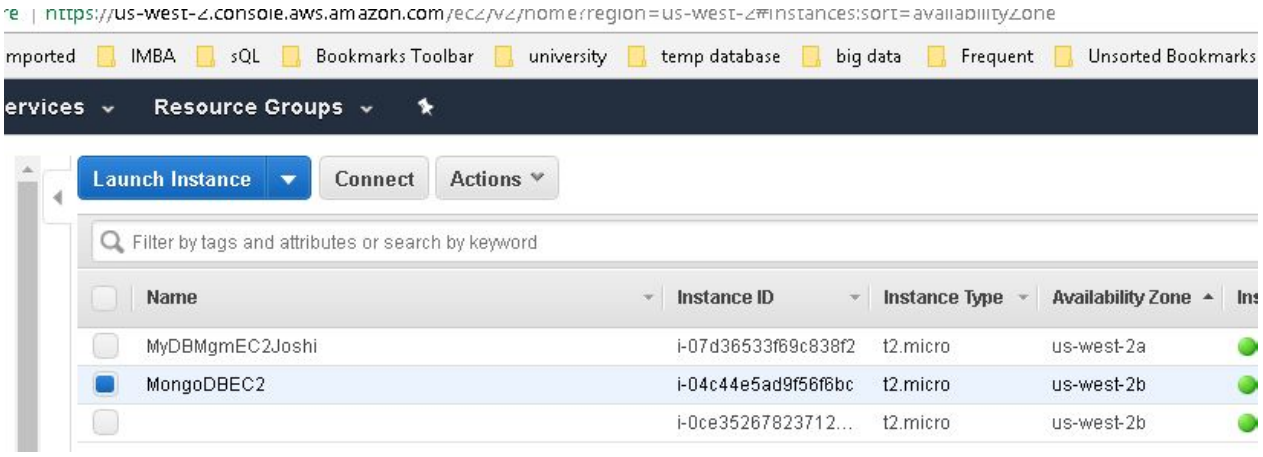


Figure- My server is MongoDBEC2
While I use the same client I used for MS SQL Server.

Folder creation.

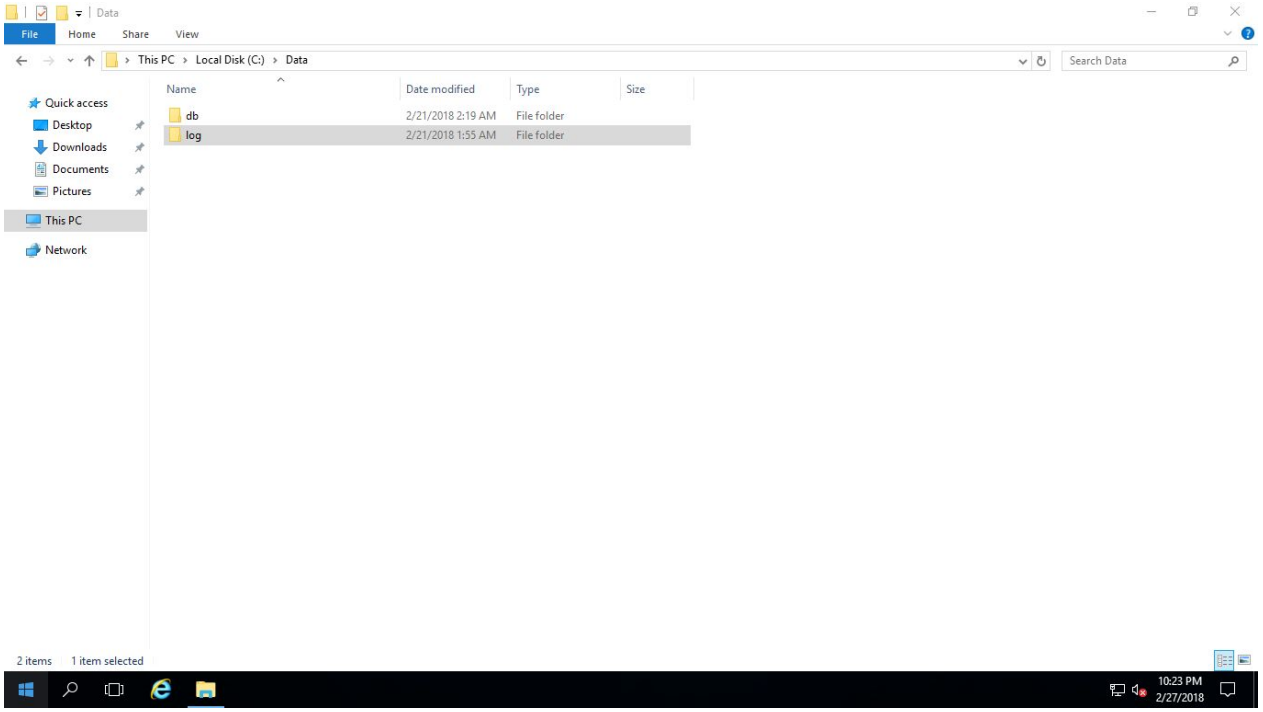


Figure - Server installation

I used the MongoDB instance I deployed during the class.

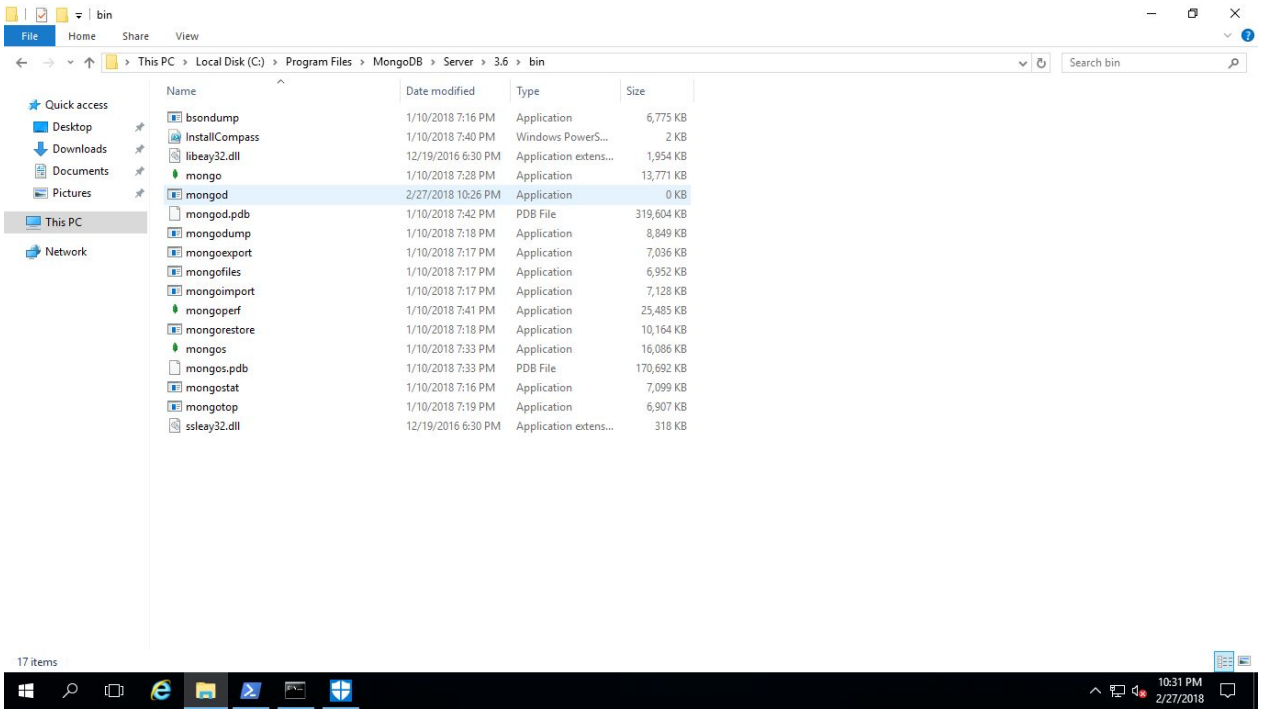


Figure: Server file to run. Checking if it installed correctly.

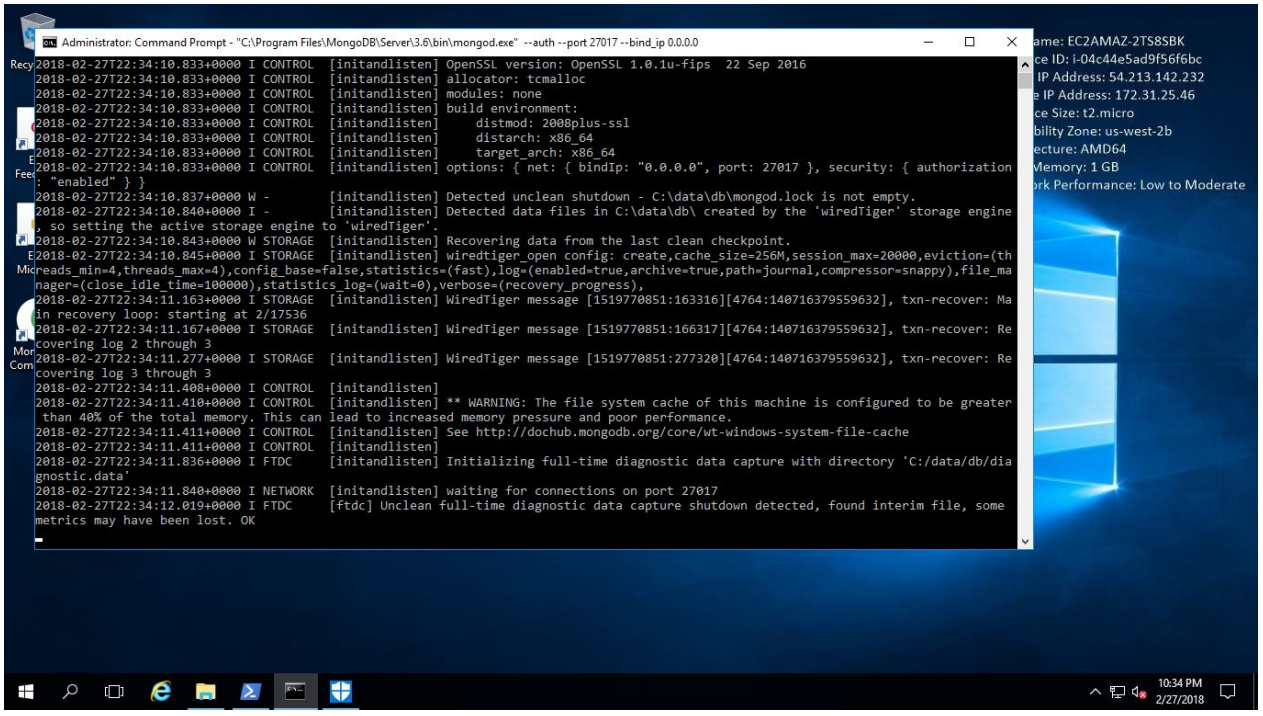
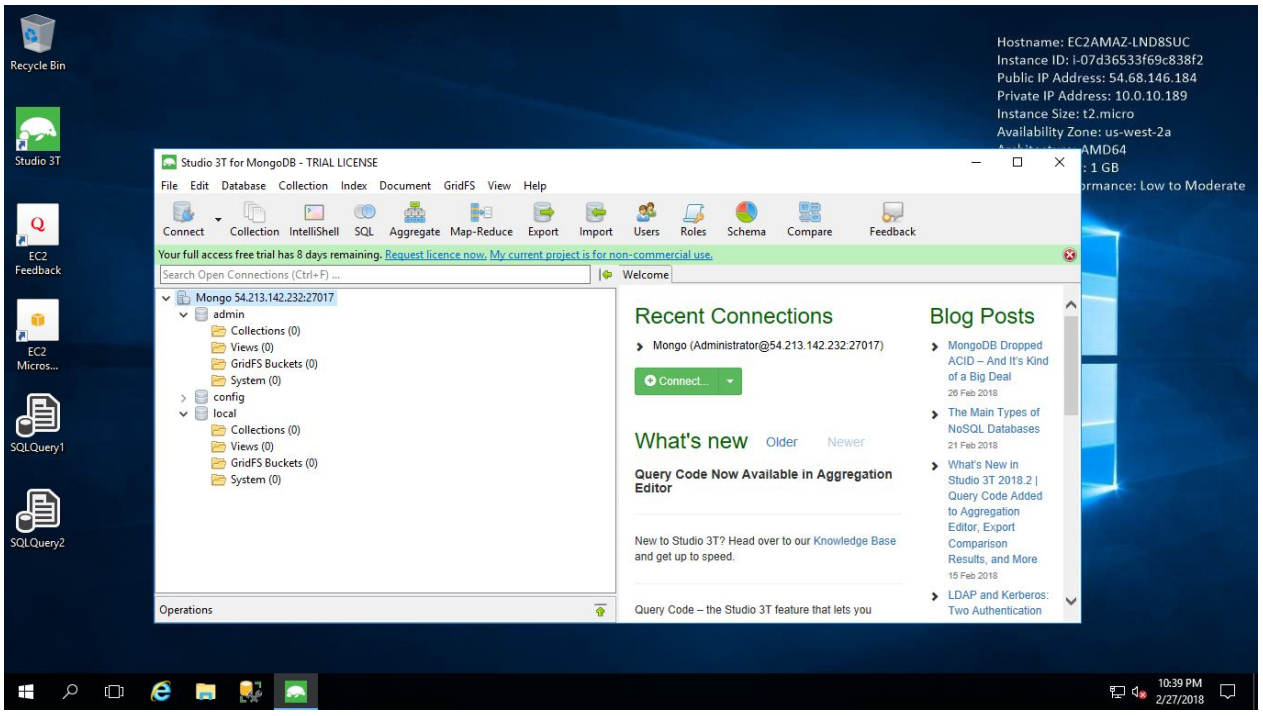
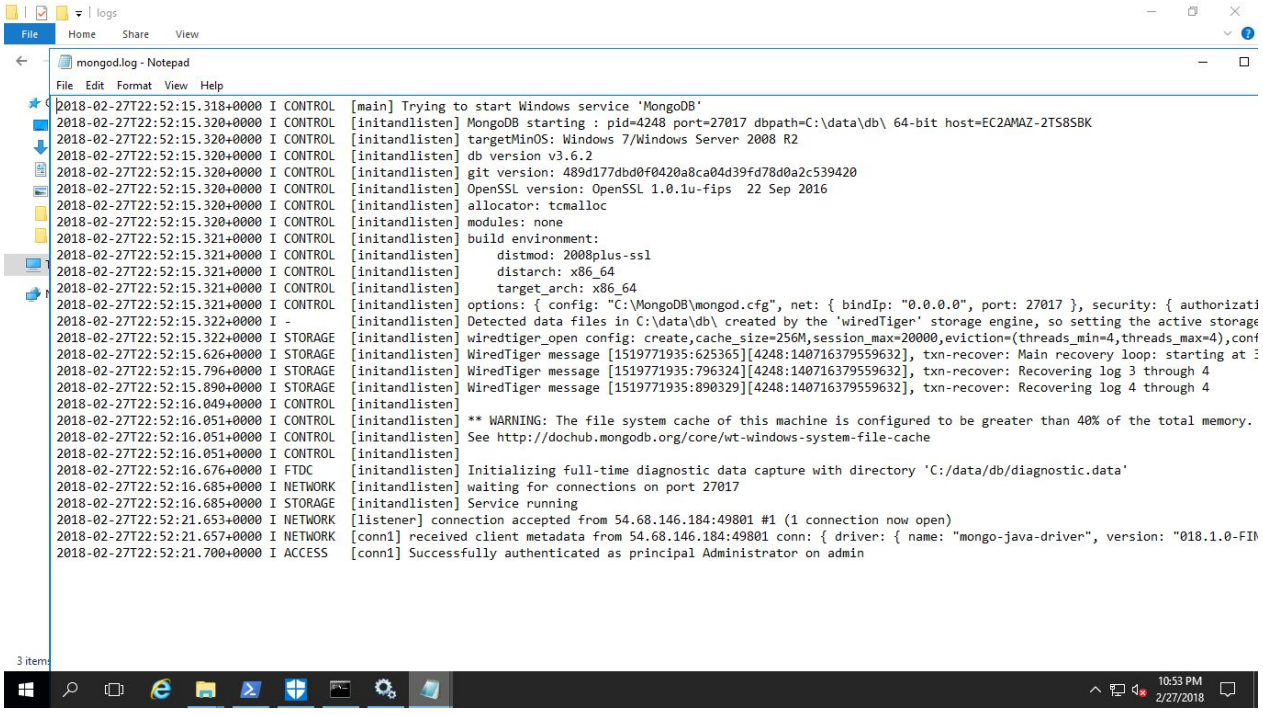


Figure: Running service

I Remoted to my MongoDB instance, and if mongod is running, stopped it.



Using Notepad, I created a configuration file, i.e. a text file with the following content (replace the parts in red with the proper values for your deployment):



systemLog:
    destination: file
    path: <path of you db log file or the default c:\data\logs\ mongod.log>
storage:
    dbPath: <path of you db data file or the default c:\data\db>

net:
    port: <port you want the server to listen for client connections or the default 27017>
    bindIp: <private IP of your instance or 0.0.0.0>
security:
    authorization: enabled

The format of the configuration file is called YAML and it is a very popular format. YAML doesn't accept tabs so if you type the above content manually, make sure you don't use any tabs for indentation, just spaces.

I saved the configuration file somewhere on the c: drive. For example, c:\MongoDB\mongod.cfg

Open a command prompt as Administrator, and run the following command to create the Windows Service:

"C:\Program Files\MongoDB\Server\3.6\bin\mongod.exe" --config "C:\MongoDB\mongod.cfg" --install

I ran this command.

In Windows Administrative Tools, click on Services, and in the list of Services, find the one that is called "MongoDB". Make sure it's in running state and configured to start automatically on system start up.

Added and made it run, screenshot below.

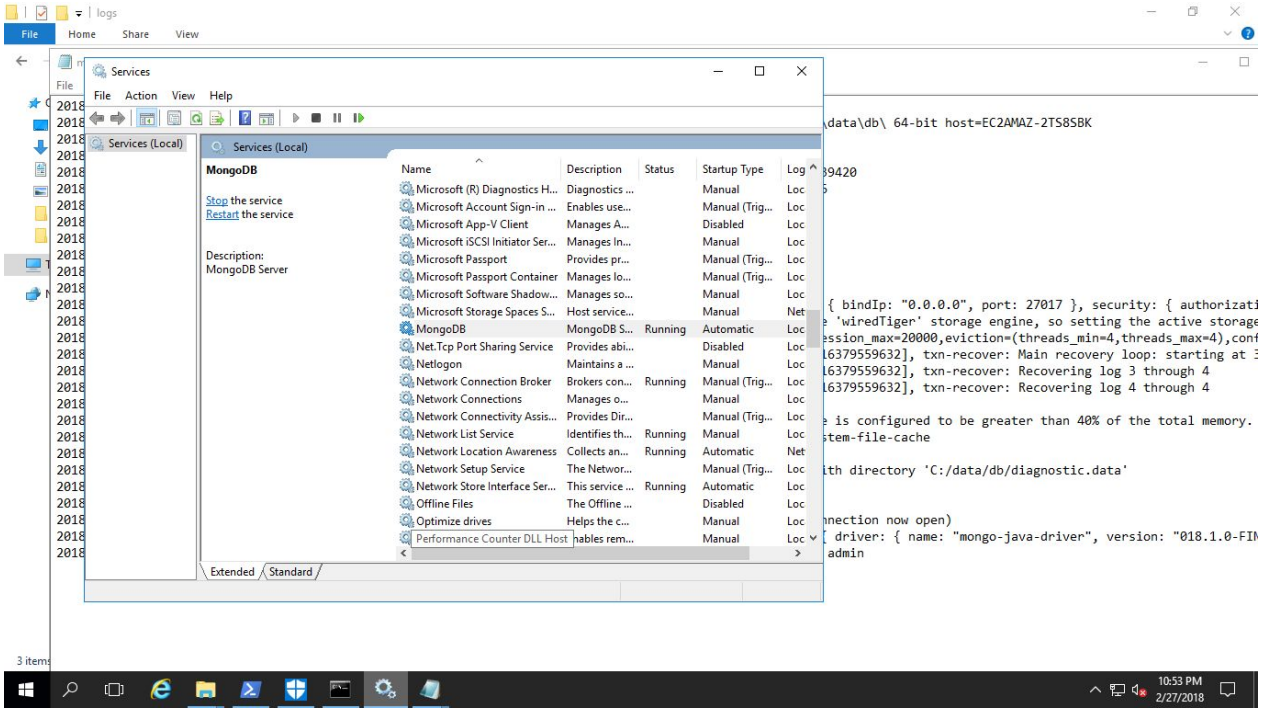


Figure: Adding the MongoDB in services for auto start

We were required to use Windows administration skills (e.g. Windows Services). I used it to while running CMD and also adding the mongo to services.

Pasted logs of the system after restarting and making sure that the services we added is working..

Reference::
https://docs.mongodb.com/manual/tutorial/install-mongodb-on-windows/#configure-a-windows-service-for-mongodb-community-edition