



# MongoDB Installation

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| IT\_640 |  
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### Step 1)

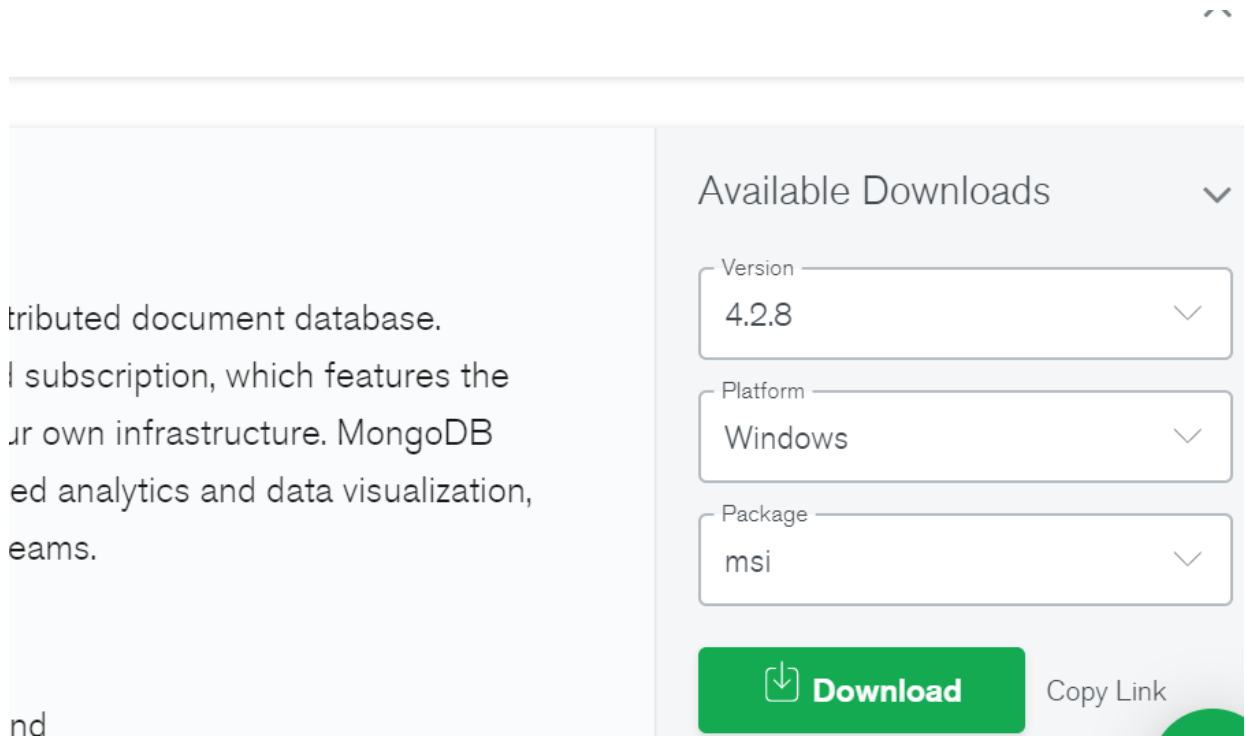
Navigate to the following web page

URL : <https://www.mongodb.com/download-center/community?jmp=docs>

### Step 2)

Choose the following as shown.

- Ensure Version Chosen is 4.2.8(Current Release)
- OS: Windows 64 X 64 Package is: MSI .
- After selection of the version, OS, appropriate Package, click on the “Download” Button in green color.



### Step 3)

Choose your suitable folder. You will find the msi file in the location.

Now, double-click on the msi file to install MongoDB on your laptop.

### Step 4)

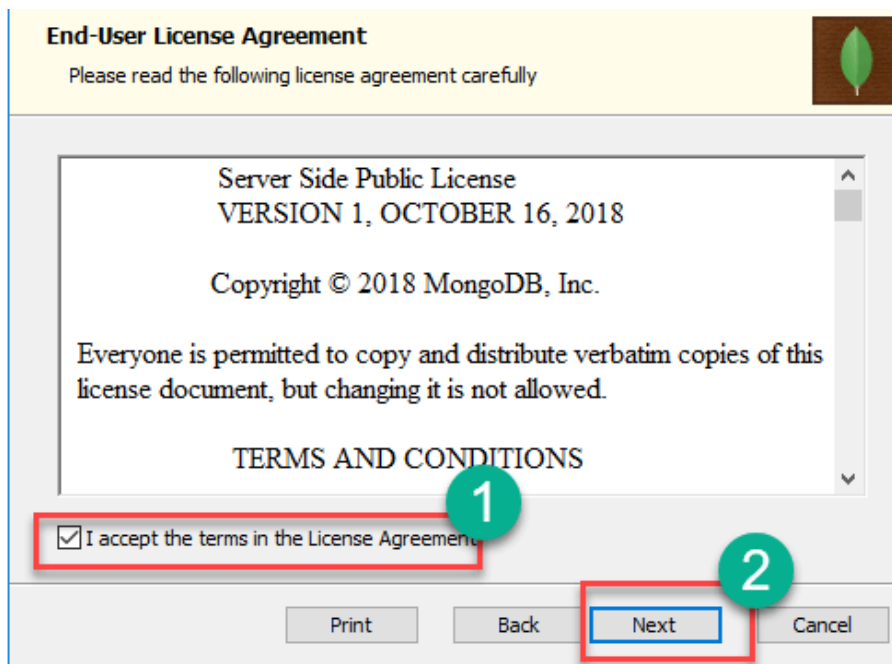
Once, you double click on the msi file , Click on “Run” Button.

### Step 5)

Once the “Welcome to the MongoDB setup wizard” window appears, Click on “Next” Button.

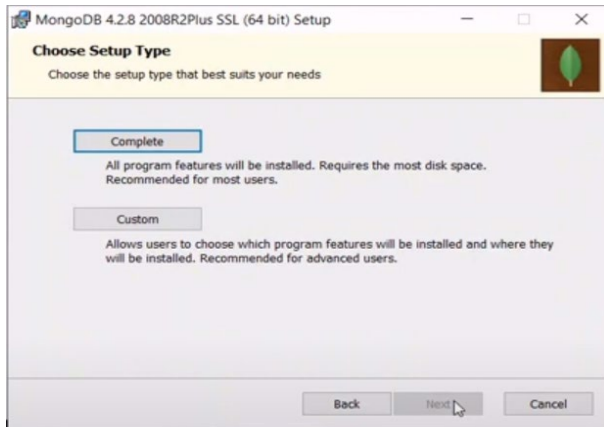
### Step 6)

- (1) Ensure you put a tick-mark the checkbox to accept the terms in License Agreement.
- (2) Then, click on “Next” Button.



### Step 7)

Click on the "complete" button to install all the components. The custom option can be used to install selective components or if you want to change the location of the installation.



### Step 8)

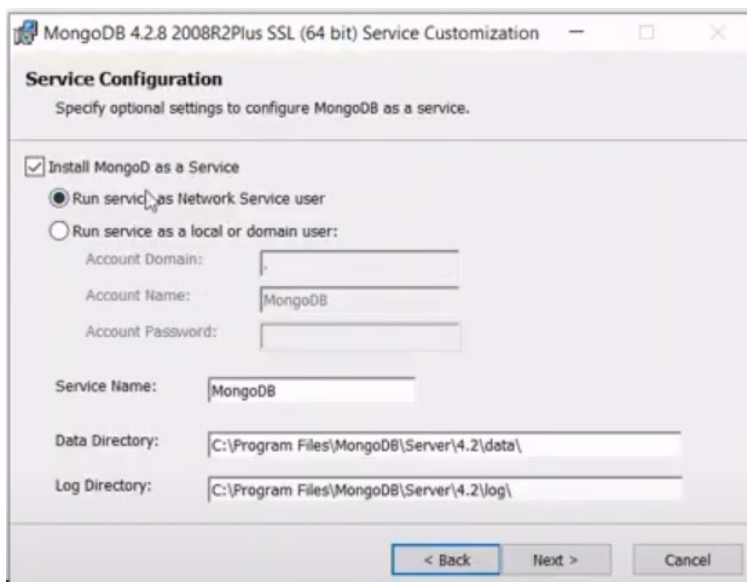
Click "next" Button

### Step 9)

Select "Run service as Network Service user". make a note of the data directory and Click Next.

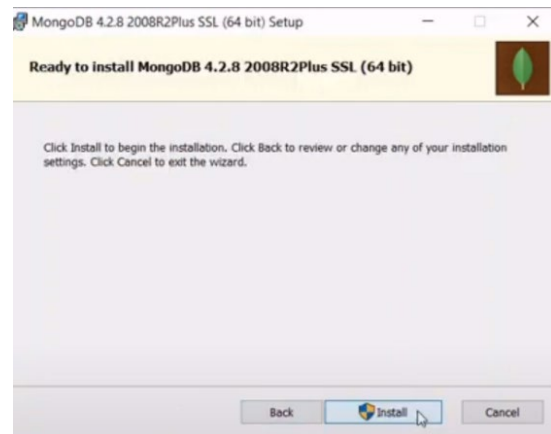
### Step 10)

Select tick mark in the checkbox for Mongo DB Compass Installation



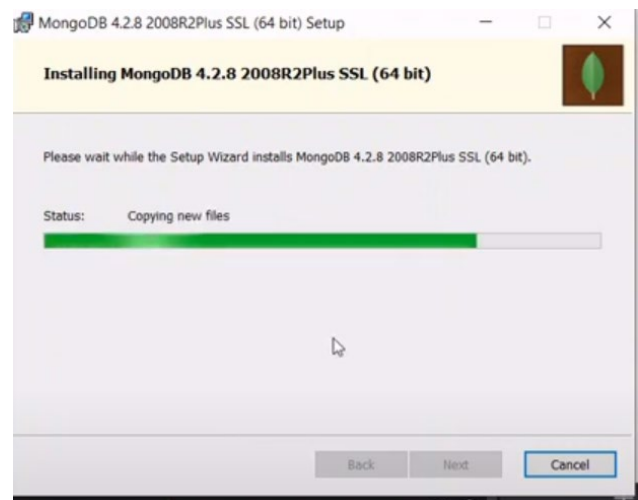
### Step 11)

Click on the Install button to start the installation.



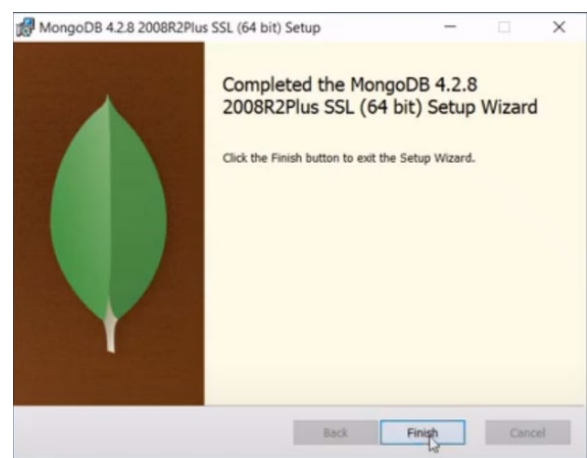
### Step 12)

Installation begins. Click Next once completed.



### Step 13)

Click on the Finish button to complete the installation.



#### Step 14)

Upon successful installation, navigate to the MongoDB directory

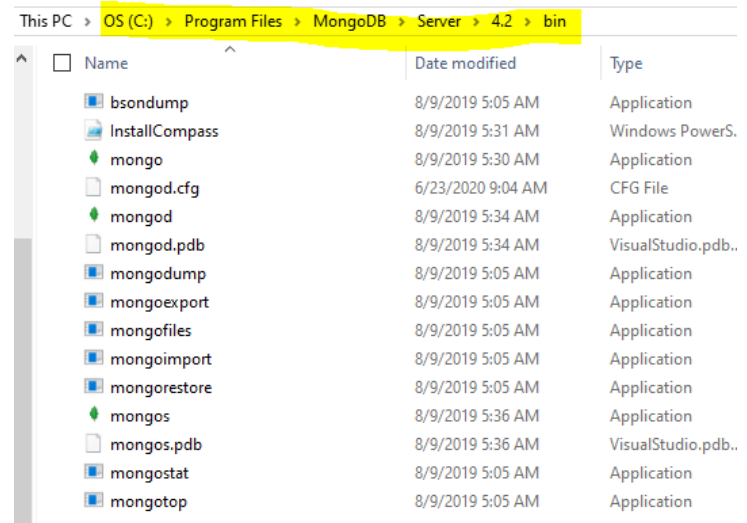
(C:\Program Files\MongoDB\Server\4.2)

#### Step 15)

Navigate to “Server” Directory, choose “4.2” folder, Now, notice mongo.exe and mongod.exe are two important files for installation. These are located in the bin directory.

#### Step 16)

Once, installation is complete, navigate to “command prompt” window. Copy Paste the Entire Path as shown, by double click and ctrl+c , copy the path to bin directory.



The screenshot shows a Windows File Explorer window with the address bar displaying the path: This PC > OS (C:) > Program Files > MongoDB > Server > 4.2 > bin. The main pane shows a list of files and folders in the 'bin' directory. The files include bsondump, InstallCompass, mongo, mongod.cfg, mongod, mongod.pdb, mongodump, mongoexport, mongofiles, mongoimport, mongorestore, mongos, mongos.pdb, mongostat, and mongotop. The 'Type' column indicates the file type for each item, such as Application, Windows PowerShell Script File, CFG File, Visual Studio PDB, or Application.

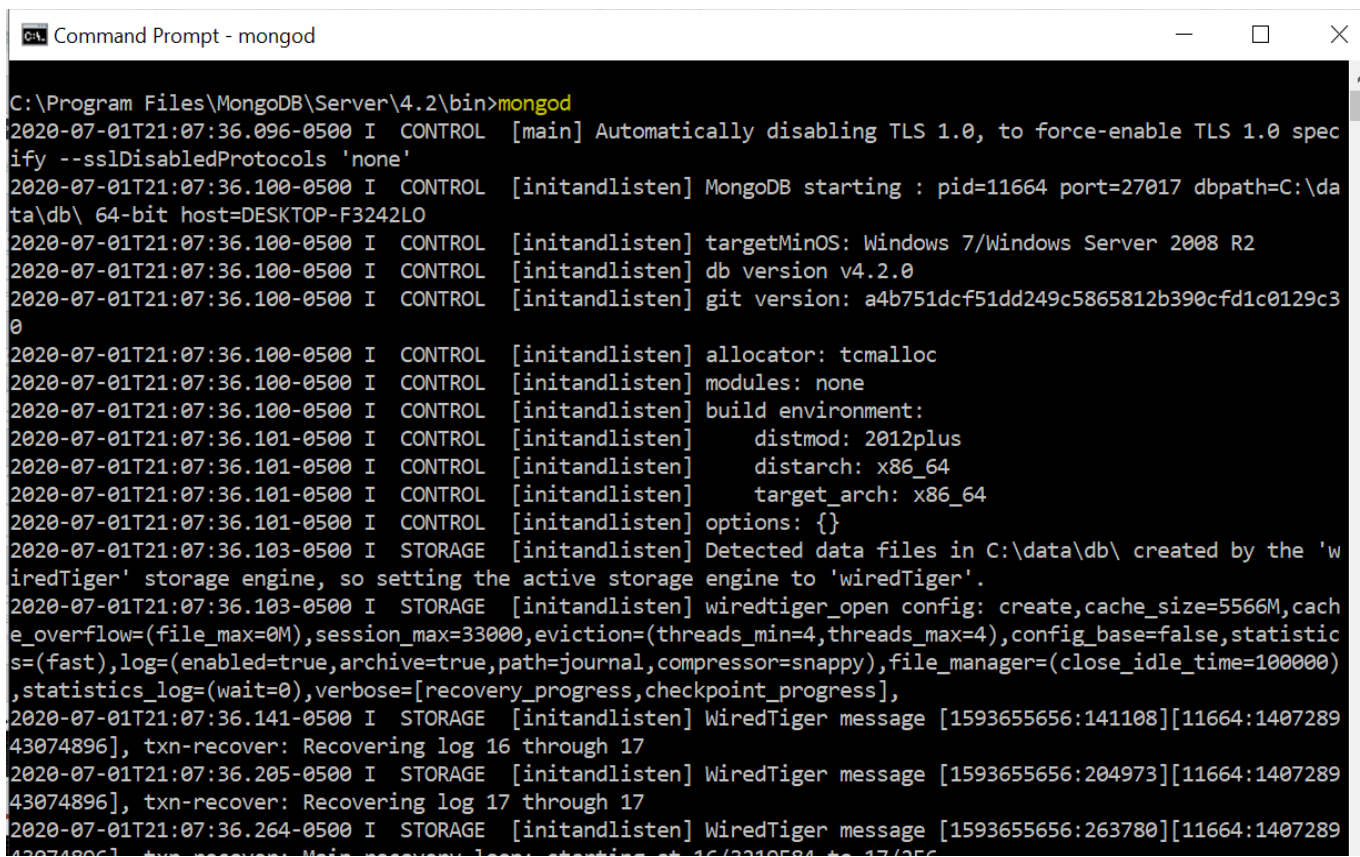
Name	Date modified	Type
bsondump	8/9/2019 5:05 AM	Application
InstallCompass	8/9/2019 5:31 AM	Windows PowerShell Script File
mongo	8/9/2019 5:30 AM	Application
mongod.cfg	6/23/2020 9:04 AM	CFG File
mongod	8/9/2019 5:34 AM	Application
mongod.pdb	8/9/2019 5:34 AM	Visual Studio PDB
mongodump	8/9/2019 5:05 AM	Application
mongoexport	8/9/2019 5:05 AM	Application
mongofiles	8/9/2019 5:05 AM	Application
mongoimport	8/9/2019 5:05 AM	Application
mongorestore	8/9/2019 5:05 AM	Application
mongos	8/9/2019 5:36 AM	Application
mongos.pdb	8/9/2019 5:36 AM	Visual Studio PDB
mongostat	8/9/2019 5:05 AM	Application
mongotop	8/9/2019 5:05 AM	Application

YouTube Video Link:

<https://www.youtube.com/watch?v=UXLUzN4pSEs&feature=youtu.be>

## Connect to MongoDB Server

- This will start the main MongoDB process.
- You will see at the bottom of the command prompt a message as “waiting for a connection”. This means that the process has started successfully.
- “C:\Program Files\MongoDB\Server\3.6\bin\mongod.exe”



```
C:\Program Files\MongoDB\Server\4.2\bin>mongod
2020-07-01T21:07:36.096-0500 I  CONTROL  [main] Automatically disabling TLS 1.0, to force-enable TLS 1.0 specify --sslDisabledProtocols 'none'
2020-07-01T21:07:36.100-0500 I  CONTROL  [initandlisten] MongoDB starting : pid=11664 port=27017 dbpath=C:\data\db\ 64-bit host=DESKTOP-F3242LO
2020-07-01T21:07:36.100-0500 I  CONTROL  [initandlisten] targetMinOS: Windows 7/Windows Server 2008 R2
2020-07-01T21:07:36.100-0500 I  CONTROL  [initandlisten] db version v4.2.0
2020-07-01T21:07:36.100-0500 I  CONTROL  [initandlisten] git version: a4b751dcf51dd249c5865812b390cfd1c0129c30
2020-07-01T21:07:36.100-0500 I  CONTROL  [initandlisten] allocator: tcmalloc
2020-07-01T21:07:36.100-0500 I  CONTROL  [initandlisten] modules: none
2020-07-01T21:07:36.100-0500 I  CONTROL  [initandlisten] build environment:
2020-07-01T21:07:36.101-0500 I  CONTROL  [initandlisten]     distmod: 2012plus
2020-07-01T21:07:36.101-0500 I  CONTROL  [initandlisten]     distarch: x86_64
2020-07-01T21:07:36.101-0500 I  CONTROL  [initandlisten]     target_arch: x86_64
2020-07-01T21:07:36.101-0500 I  CONTROL  [initandlisten] options: {}
2020-07-01T21:07:36.103-0500 I  STORAGE  [initandlisten] Detected data files in C:\data\db\ created by the 'wiredTiger' storage engine, so setting the active storage engine to 'wiredTiger'.
2020-07-01T21:07:36.103-0500 I  STORAGE  [initandlisten] wiredtiger_open config: create,cache_size=5566M,cache_overflow=(file_max=0M),session_max=33000,eviction=(threads_min=4,threads_max=4),config_base=false,statistics=(fast),log=(enabled=true,archive=true,path=journal,compressor=snappy),file_manager=(close_idle_time=100000),statistics_log=(wait=0),verbose=[recovery_progress,checkpoint_progress],
2020-07-01T21:07:36.141-0500 I  STORAGE  [initandlisten] WiredTiger message [1593655656:141108][11664:1407289 43074896], txn-recover: Recovering log 16 through 17
2020-07-01T21:07:36.205-0500 I  STORAGE  [initandlisten] WiredTiger message [1593655656:204973][11664:1407289 43074896], txn-recover: Recovering log 17 through 17
2020-07-01T21:07:36.264-0500 I  STORAGE  [initandlisten] WiredTiger message [1593655656:263780][11664:1407289 43074896], txn-recover: Main recovery loop, starting at 16/2310584 to 17/255
```

- After executing the MongoDB.exe file, the process has begun.
- Now we need to connect it to the MongoDB server.
- We will connect it through Mongo.exe shell by opening another command prompt.
- Now you need to execute a command to connect with the shell.
- “C:\Program Files\MongoDB\Server\3.6\bin\mongo.exe”
- Now MongoDB is ready to use. You can terminate the running Process of MongoDB by pressing “ctrl+c”.

#### Command Prompt - mongo

```
C:\Users\thari>cd C:\Program Files\MongoDB\Server\4.2\bin

C:\Program Files\MongoDB\Server\4.2\bin>mongo
MongoDB shell version v4.2.0
connecting to: mongod://127.0.0.1:27017/?compressors=disabled&gssapiSe
Implicit session: session { "id" : UUID("e5adca0e-dc29-41e9-871c-e92755
MongoDB server version: 4.2.0
Server has startup warnings:
2020-07-01T21:07:36.585-0500 I CONTROL [initandlisten]
2020-07-01T21:07:36.586-0500 I CONTROL [initandlisten] ** WARNING: Ac
2020-07-01T21:07:36.587-0500 I CONTROL [initandlisten] **          Re
2020-07-01T21:07:36.588-0500 I CONTROL [initandlisten]
2020-07-01T21:07:36.588-0500 I CONTROL [initandlisten] ** WARNING: Th
2020-07-01T21:07:36.589-0500 I CONTROL [initandlisten] **          Re
2020-07-01T21:07:36.589-0500 I CONTROL [initandlisten] **          St
2020-07-01T21:07:36.590-0500 I CONTROL [initandlisten] **          ad
2020-07-01T21:07:36.590-0500 I CONTROL [initandlisten] **          bi
2020-07-01T21:07:36.590-0500 I CONTROL [initandlisten] **          se
2020-07-01T21:07:36.591-0500 I CONTROL [initandlisten]
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```