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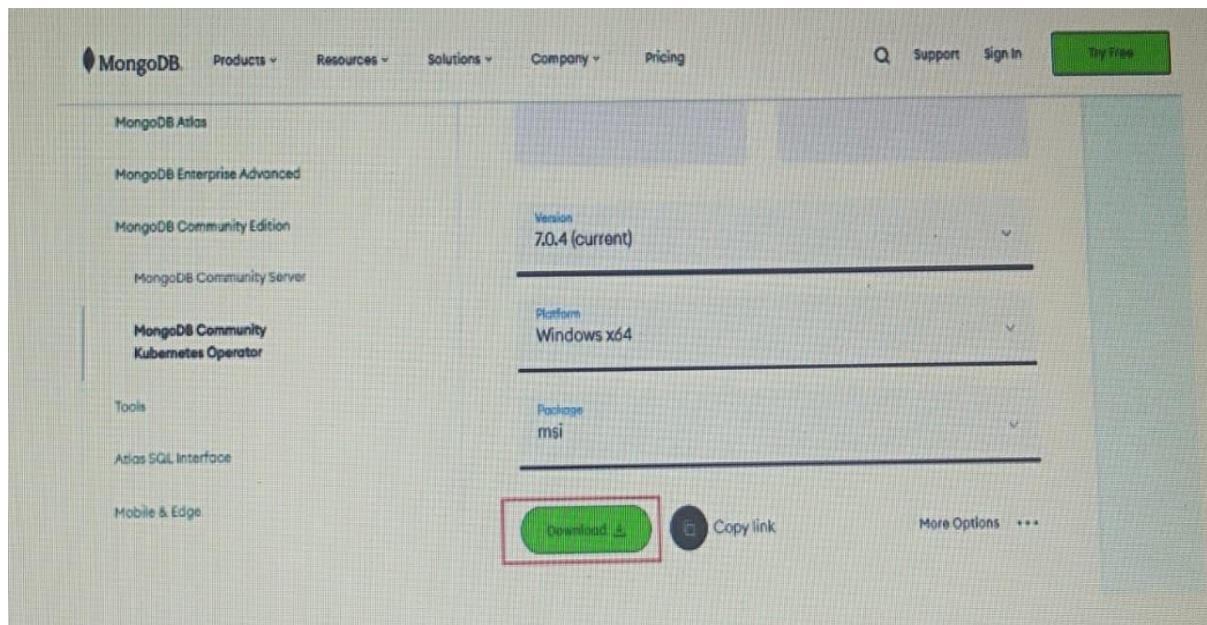
# MONGO DB

## Steps to install Mongo DB:-

To install MongoDB on Windows, first, download the MongoDB server and then install the MongoDB shell. The Steps below explain the installation process in detail and provide the required resources for the smooth **download and install MongoDB**.



**Step 1:** Go to the [MongoDB Download Center](#) to download the MongoDB Community Server.



Here, You can select any version, Windows, and package according to your requirement. For Windows, we need to choose:

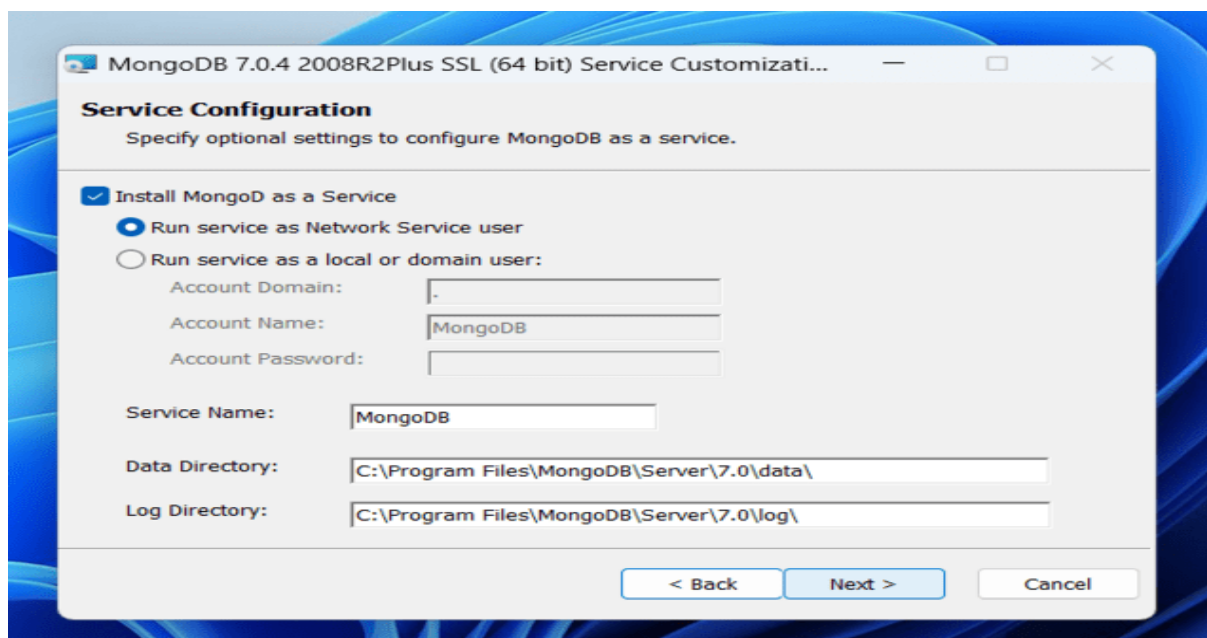
- Version: 7.0.4

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- OS: Windows x64
  - Package: msi

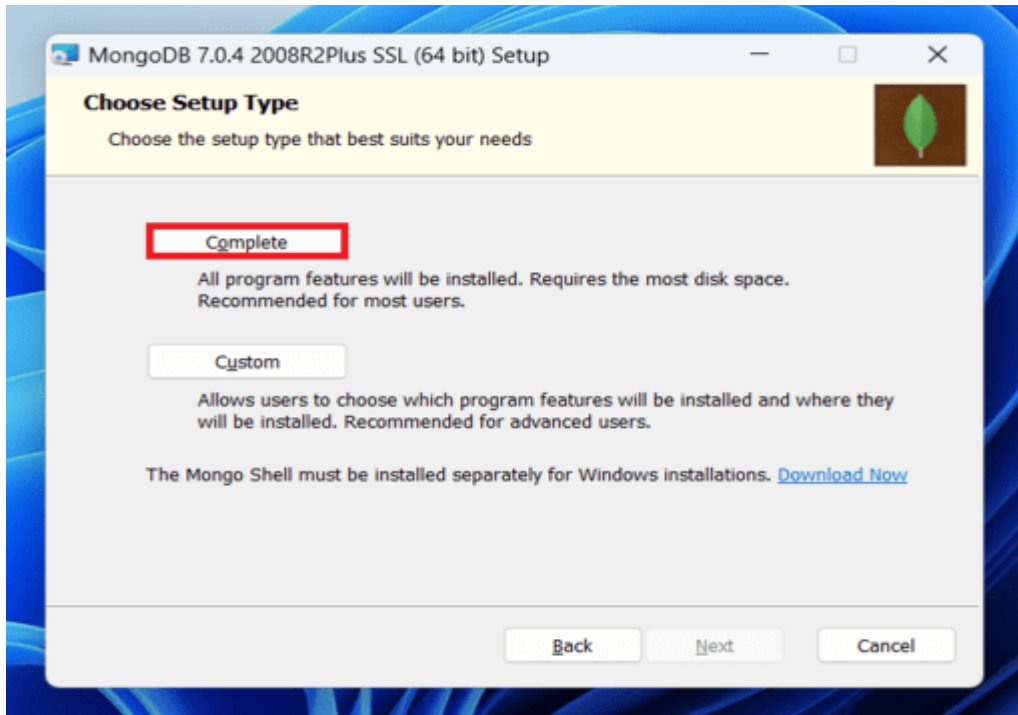
**Step 2:** When the download is complete open the msi file and click the *next button* in the startup screen:



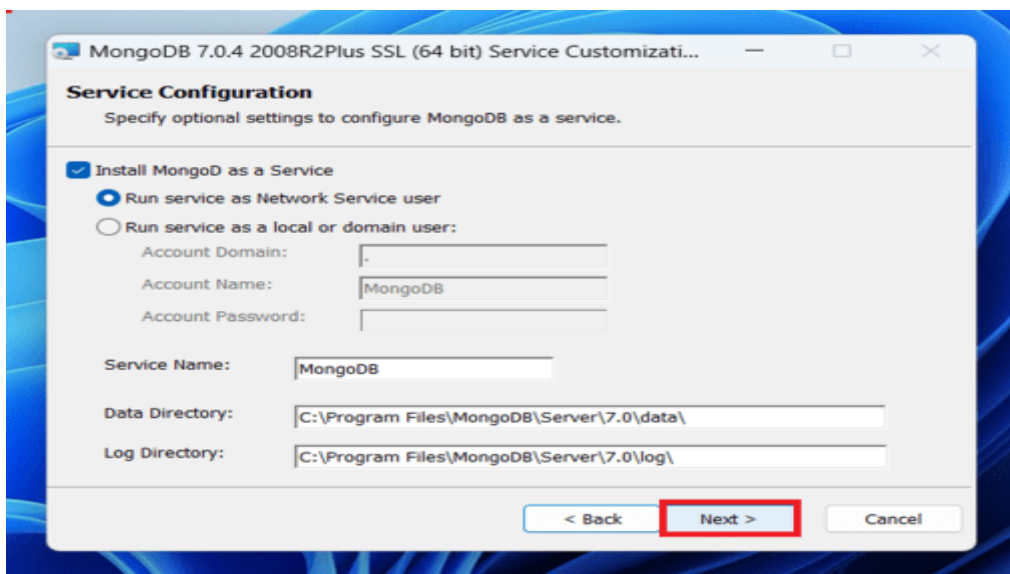
**Step 3:** Now accept the End-User License Agreement and click the next button:



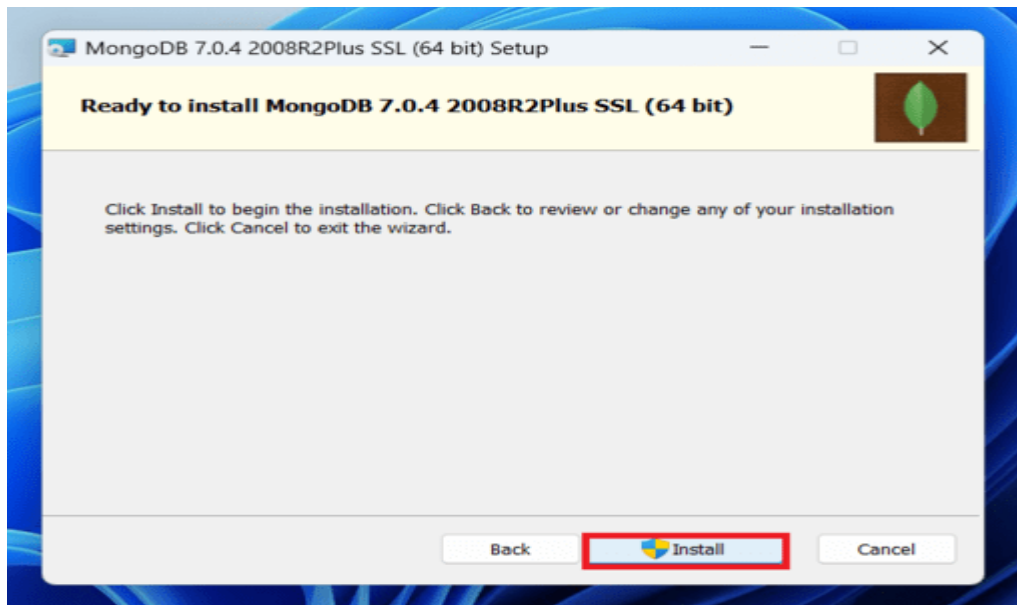
**Step 4:** Now select the *complete option* to install all the program features. Here, if you can want to install only selected program features and want to select the location of the installation, then use the *Custom option*:



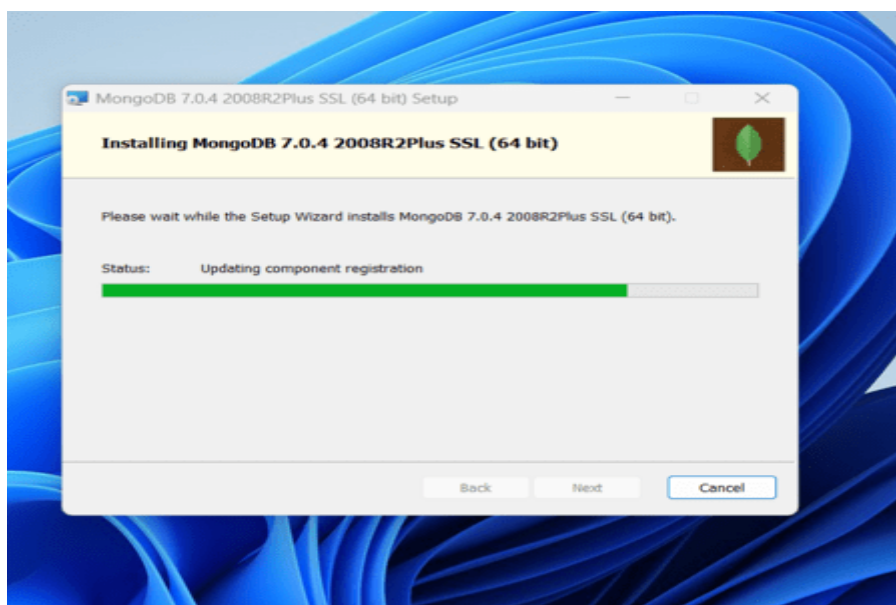
**Step 5:** Select “Run service as Network Service user” and copy the path of the data directory.  
Click Next:



**Step 6:** Click the *Install* button to start the MongoDB installation process:

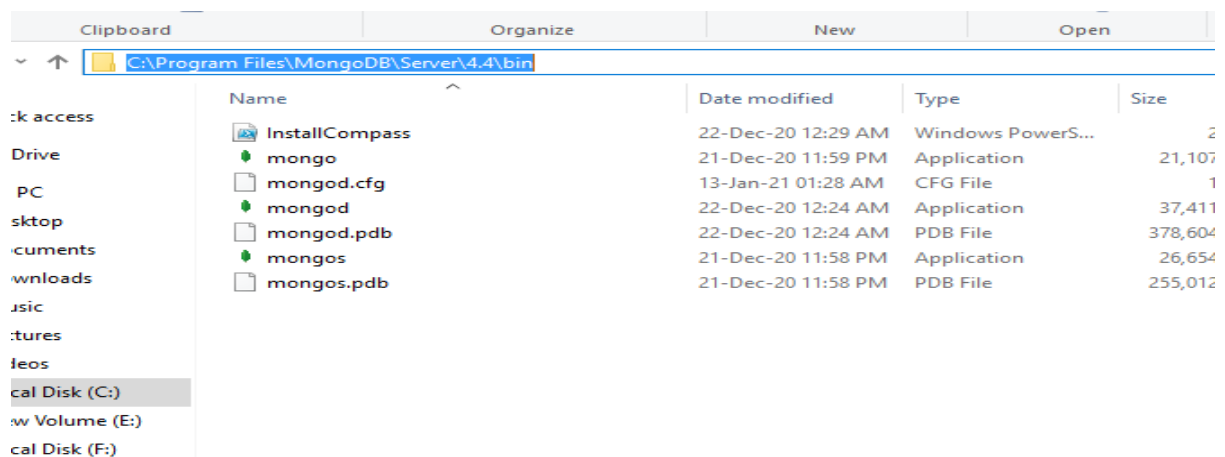


**Step 7:** After clicking on the install button installation of MongoDB begins:

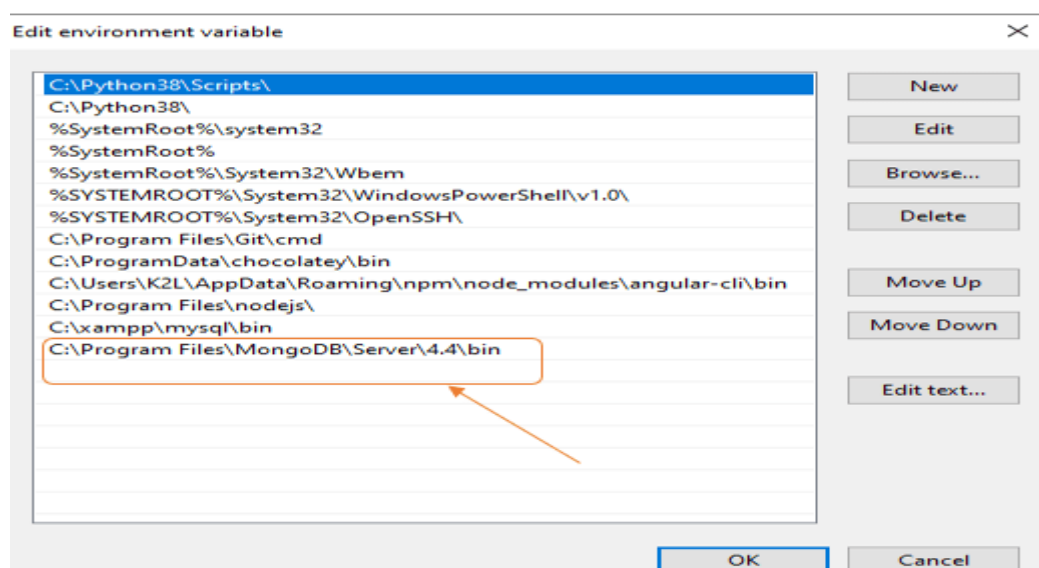


**Step 8:** Now click the **Finish button** to complete the MongoDB installation process:

**Step 9:** Now we go to the location where MongoDB installed in step 5 in your system and copy the bin path:



**Step 10:** Now, to create an environment variable open system properties >> Environment Variable >> System variable >> path >> Edit Environment variable and paste the copied link to your environment system and click Ok:



**Step 11:** After setting the environment variable, we will run the MongoDB server, i.e. mongod. So, open the command prompt and run the following command:

```
mongod
```

When you run this command you will get an error i.e. *C:/data/db/ not found*.

**Step 12:** Now, Open C drive and create a folder named “data” inside this folder create another folder named “db”. After creating these folders. Again open the command prompt and run the following command:

```
mongod
```

Now, this time the MongoDB server(i.e., mongod) will run successfully.



```
C:\Users\Nikhil Chhipa>mongod
{"t":{"$date":"2021-01-31T00:56:54.081+05:30"},"s":"I", "c":"CONTROL", "id":23285, "ctx"
ify --sslDisabledProtocols 'none'}}
{"t":{"$date":"2021-01-31T00:56:54.087+05:30"},"s":"W", "c":"ASIO", "id":22601, "ctx"
}
{"t":{"$date":"2021-01-31T00:56:54.088+05:30"},"s":"I", "c":"NETWORK", "id":4648602, "ctx"
{"t":{"$date":"2021-01-31T00:56:54.090+05:30"},"s":"I", "c":"STORAGE", "id":4615611, "ctx"
bPath":"C:/data/db/", "architecture":"64-bit", "host":"DESKTOP-L9MUQ7N"}}
{"t":{"$date":"2021-01-31T00:56:54.090+05:30"},"s":"I", "c":"CONTROL", "id":23398, "ctx"
rgetMinOS":"Windows 7/Windows Server 2008 R2"}}
{"t":{"$date":"2021-01-31T00:56:54.090+05:30"},"s":"I", "c":"CONTROL", "id":23403, "ctx"
gitVersion":"913d6b62acfbb344dde1b116f4161360acd8fd13", "modules":[], "allocator":"tcmalloc", "
}}}}
{"t":{"$date":"2021-01-31T00:56:54.090+05:30"},"s":"I", "c":"CONTROL", "id":51765, "ctx"
ndows 10", "version":"10.0 (build 14393)"}
{"t":{"$date":"2021-01-31T00:56:54.090+05:30"},"s":"I", "c":"CONTROL", "id":21951, "ctx"
{"t":{"$date":"2021-01-31T00:56:54.157+05:30"},"s":"I", "c":"STORAGE", "id":22270, "ctx"
:{"dbpath":"C:/data/db/", "storageEngine":"wiredTiger"}}
{"t":{"$date":"2021-01-31T00:56:54.158+05:30"},"s":"I", "c":"STORAGE", "id":22315, "ctx"
ize=1491M, session_max=33000, eviction=(threads_min=4, threads_max=4), config_base=false, statisti
le_manager=(close_idle_time=100000, close_scan_interval=10, close_handle_minimum=250), statisti
ess], ""}
{"t":{"$date":"2021-01-31T00:56:54.395+05:30"},"s":"I", "c":"STORAGE", "id":22430, "ctx"
95788][3708:140713908197088], txn-recover: [WT_VERB_RECOVERY_PROGRESS] Recovering log 20 thr
{"t":{"$date":"2021-01-31T00:56:54.631+05:30"},"s":"I", "c":"STORAGE", "id":22430, "ctx"
```

## Run mongo Shell:

**Step 13:** Now we are going to connect our server (mongod) with the mongo shell. So, keep that mongod window and open a new command prompt window and write **mongo**. Now, our mongo shell will successfully connect to the mongod.

**Important Point:** Please do not close the mongod window if you close this window your server will stop working and it will not able to connect with the mongo shell.

```
C:\Users\Nikhil Chhipa>mongo
MongoDB shell version v4.4.3
connecting to: mongodb://127.0.0.1:27017/?compressors=disabled&gssapiServiceName=mongodb
Implicit session: session { "id" : UUID("96cca5da-dc9f-4a40-aabb-732ee37600c0") }
MongoDB server version: 4.4.3
---
The server generated these startup warnings when booting:
  2021-01-28T20:56:52.570+05:30: Access control is not enabled for the database. Read and write access
configuration is unrestricted
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  Enable MongoDB's free cloud-based monitoring service, which will then receive and display
  metrics about your deployment (disk utilization, CPU, operation statistics, etc).

  The monitoring data will be available on a MongoDB website with a unique URL accessible to you
  and anyone you share the URL with. MongoDB may use this information to make product
  improvements and to suggest MongoDB products and deployment options to you.

  To enable free monitoring, run the following command: db.enableFreeMonitoring()
  To permanently disable this reminder, run the following command: db.disableFreeMonitoring()
---
>
```