Install MongoDB Community Edition

Follow these steps to install MongoDB Community Edition using the `apt` package manager.

Open a new Terminal and issue commands as given in below steps.

Step 1: Import the public key used by the package management system.

Command :

wget -qO - https://www.mongodb.org/static/pgp/server-6.0.asc | sudo apt-key add -

The operation should respond with an **OK**.

However, if you receive an error indicating that `gnupg` is not installed, you can:

A) Install `gnupg` and its required libraries using the following command:

sudo apt-get install gnupg

B) Once installed, retry importing the key:

wget -qO - https://www.mongodb.org/static/pgp/server-6.0.asc | sudo apt-key add -

The operation should respond with an **OK**.

Step 2: Create a list file for MongoDB.

Command :

echo "deb [arch=amd64,arm64] https://repo.mongodb.org/apt/ubuntu jammy/mongodb-org/6.0 multiverse" | sudo tee /etc/apt/sources.list.d/mongodb-org-6.0.list

```
pratik@pratik-L:~$ echo "deb [ arch=amd64,arm64 ] https://repo.mongodb.org/apt/ubuntu jammy/mongodb-o
rg/6.0 multiverse" | sudo tee /etc/apt/sources.list.d/mongodb-org-6.0.list
deb [ arch=amd64,arm64 ] https://repo.mongodb.org/apt/ubuntu jammy/mongodb-org/6.0 multiverse
```

The operation will respond with an O/P starting with “deb” as shown by arrow in above screenhot.

Step 3: Reload local package database.

Command :

sudo apt-get update

```
pratik@pratik-L:~$ sudo apt-get update
Hit:1 http://packages.microsoft.com/repos/code stable InRelease
Ign:2 https://repo.mongodb.org/apt/ubuntu jammy/mongodb-org/6.0 InRelease
Hit:3 https://packages.microsoft.com/repos/vscode stable InRelease
Hit:4 http://in.archive.ubuntu.com/ubuntu jammy InRelease
Hit:5 https://dl.google.com/linux/chrome/deb stable InRelease
Hit:6 http://in.archive.ubuntu.com/ubuntu jammy-updates InRelease
Get:7 https://repo.mongodb.org/apt/ubuntu jammy/mongodb-org/6.0 Release [3,094 B]
Hit:8 http://in.archive.ubuntu.com/ubuntu jammy-backports InRelease
Hit:9 http://security.ubuntu.com/ubuntu jammy-security InRelease
Get:10 https://repo.mongodb.org/apt/ubuntu jammy/mongodb-org/6.0 Release.gpg [801 B]
Get:11 https://repo.mongodb.org/apt/ubuntu jammy/mongodb-org/6.0/multiverse arm64 Packages [12.3 kB]
Get:12 https://repo.mongodb.org/apt/ubuntu jammy/mongodb-org/6.0/multiverse amd64 Packages [13.9 kB]
Fetched 30.1 kB in 2s (13.3 kB/s)
Reading package lists... Done
W: https://repo.mongodb.org/apt/ubuntu/dists/jammy/mongodb-org/6.0/Release.gpg: Key is stored in lega
cy trusted.gpg keyring (/etc/apt/trusted.gpg), see the DEPRECATION section in apt-key(8) for details.
```

Step 4: Install the MongoDB packages.

Command :

sudo apt-get install -y mongodb-org

```
pratik@pratik-L:~$ sudo apt-get install -y mongodb-org
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
```

Step 5: Start MongoDB.

Command :

sudo systemctl start mongod

```
Setting up mongodb-org-tools (6.0.5) ...
Setting up mongodb-org (6.0.5) ...
Processing triggers for man-db (2.10.2-1) ...
pratik@pratik-L:~$ sudo systemctl start mongod
```

Step 6: Verify that MongoDB has started successfully.

Command :

sudo systemctl status mongod

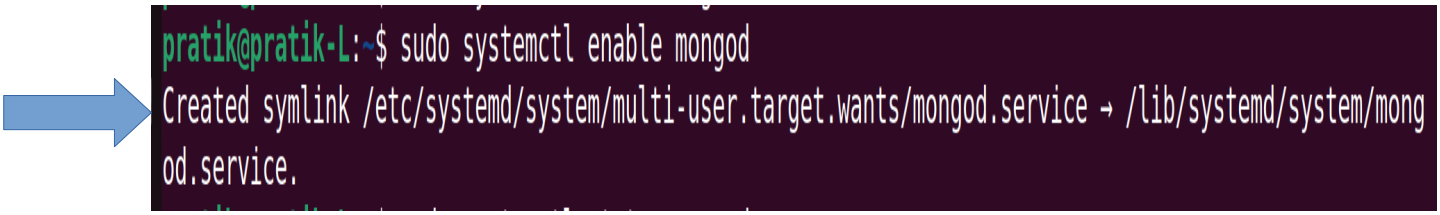
```
pratik@pratik-L:~$ sudo systemctl status mongod
● mongod.service - MongoDB Database Server
     Loaded: loaded (/lib/systemd/system/mongod.service; enabled; vendor preset>
     Active: active (running) since Fri 2023-03-24 22:59:48 IST; 2min 45s ago
       Docs: https://docs.mongodb.org/manual
   Main PID: 8527 (mongod)
     Memory: 66.6M
        CPU: 1.664s
     CGroup: /system.slice/mongod.service
             └─8527 /usr/bin/mongod --config /etc/mongod.conf

Mar 24 22:59:48 pratik-L systemd[1]: Started MongoDB Database Server.
set mark: ...skipping...
● mongod.service - MongoDB Database Server
```

Step 7: Ensure that MongoDB will start following a system reboot by issuing the following command.

Command :

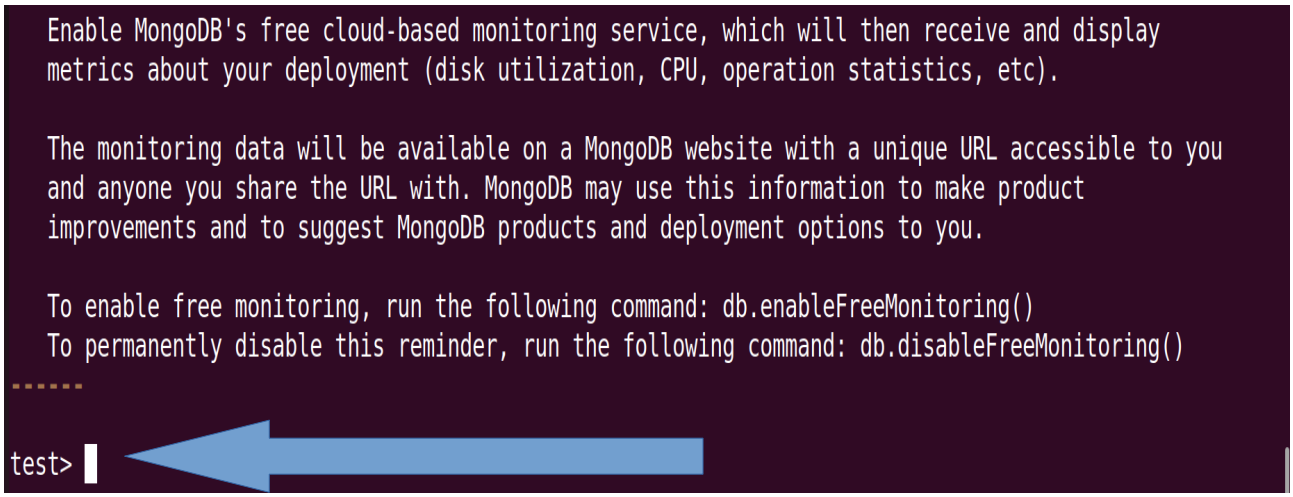
sudo systemctl enable mongod



Step 8: Begin using MongoDB.

Command :

mongosh



1) Stop MongoDB.

Command :

sudo systemctl stop mongod

2) Restart MongoDB.

Command :

sudo systemctl restart mongod

For more information,
Click to open below link...

https://www.mongodb.com/docs/manual/tutorial/install-mongodb-on-ubuntu/