


# MongoDB Kurulumu


1. Windows
2. macOS
3. Linux


Windows:


<https://www.mongodb.com/try/download/community> adresinden windows için msi paketi indirilir.

### Choose which type of deployment is best for you

**Cloud**  
MongoDB as a service

**On-premises**  
MongoDB locally

**Tools**  
Boost productivity

**Mobile & Edge**  
Realm Datastore

MongoDB Enterprise Server

#### MongoDB Community Server

MongoDB offers both an Enterprise and Community version of its powerful distributed document database. The community version offers the flexible document model along with ad hoc queries, indexing, and real time aggregation to provide powerful ways to access and analyze your data. As a distributed system you get high availability through built-in replication and failover along with horizontal scalability with native sharding.

The MongoDB Enterprise Server gives you all of this and more. Review the Enterprise Server tab to learn what else is available.

#### Available Downloads

Version

4.4.4 (current)

Platform

Windows

Package

msi

Download

Copy Link

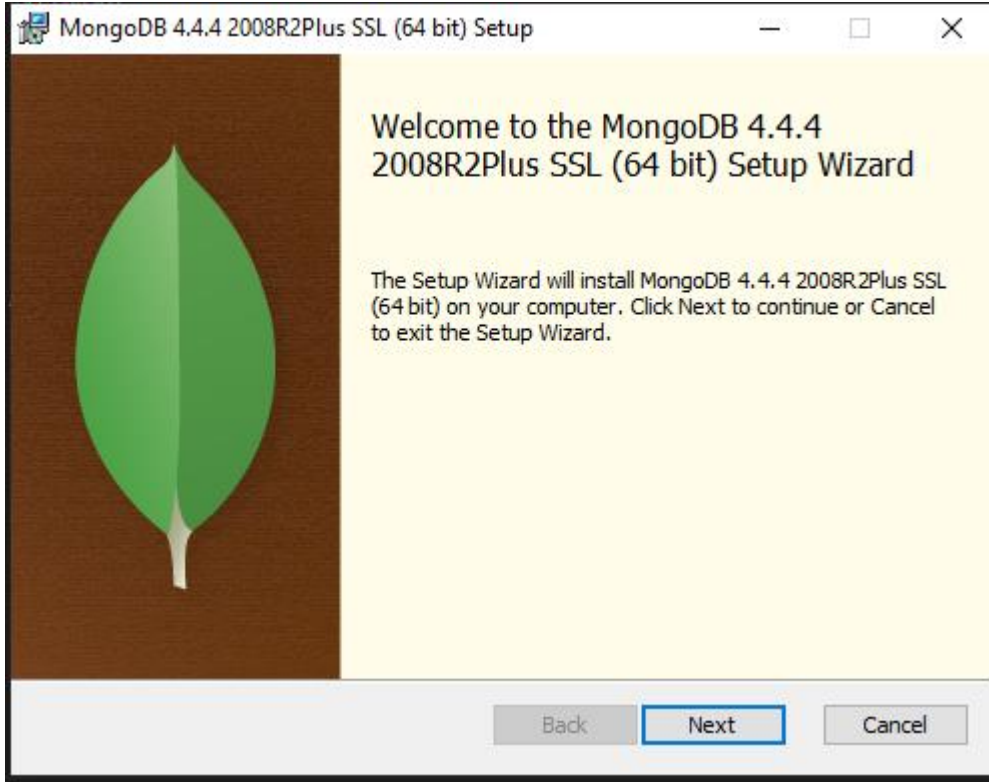
Current releases & packages

Development releases

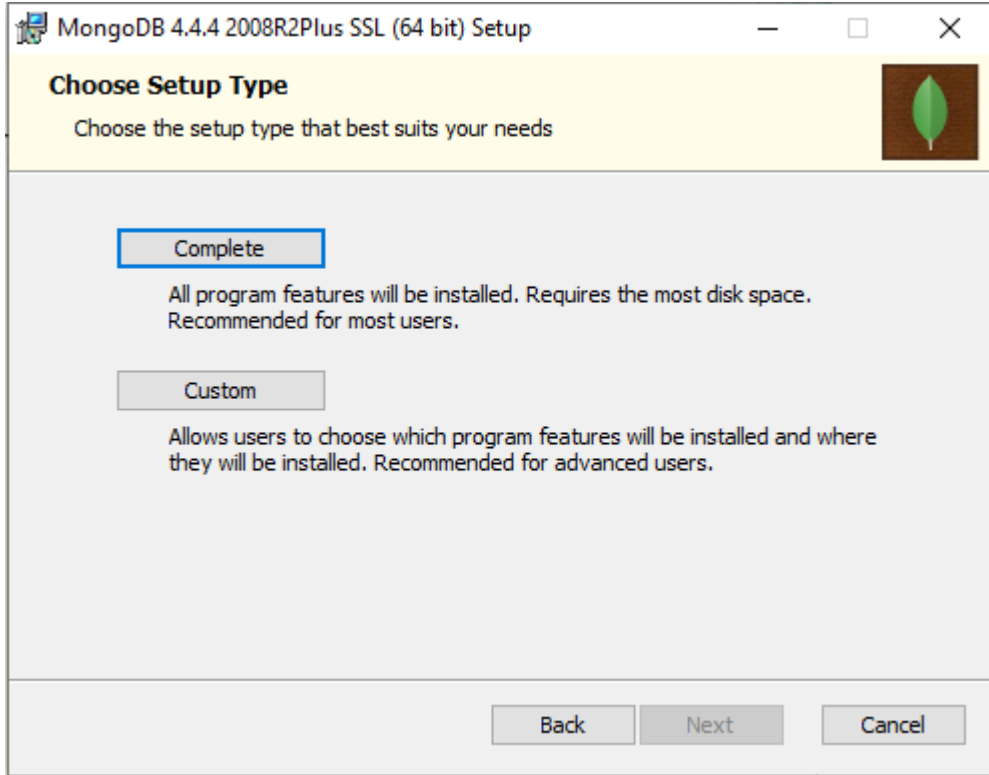
Archived releases

Changelog

Release Notes



Aşağıdaki ekranda Complete seçilir.



Aşağıdaki ayarları olduğu gibi bırakıyoruz.

MongoDB 4.4.4 2008R2Plus SSL (64 bit) Service Customization

### Service Configuration

Specify optional settings to configure MongoDB as a service.

☒ Install MongoDB as a Service

☒ Run service as Network Service user

☐ Run service as a local or domain user:

Account Domain:

Account Name:

Account Password:

Service Name:

Data Directory:

Log Directory:

< Back   Next >   Cancel

Install Mongoddb Compass Seçilir. Next denildikten sonra çıkan sayfada install denilir.

MongoDB Compass

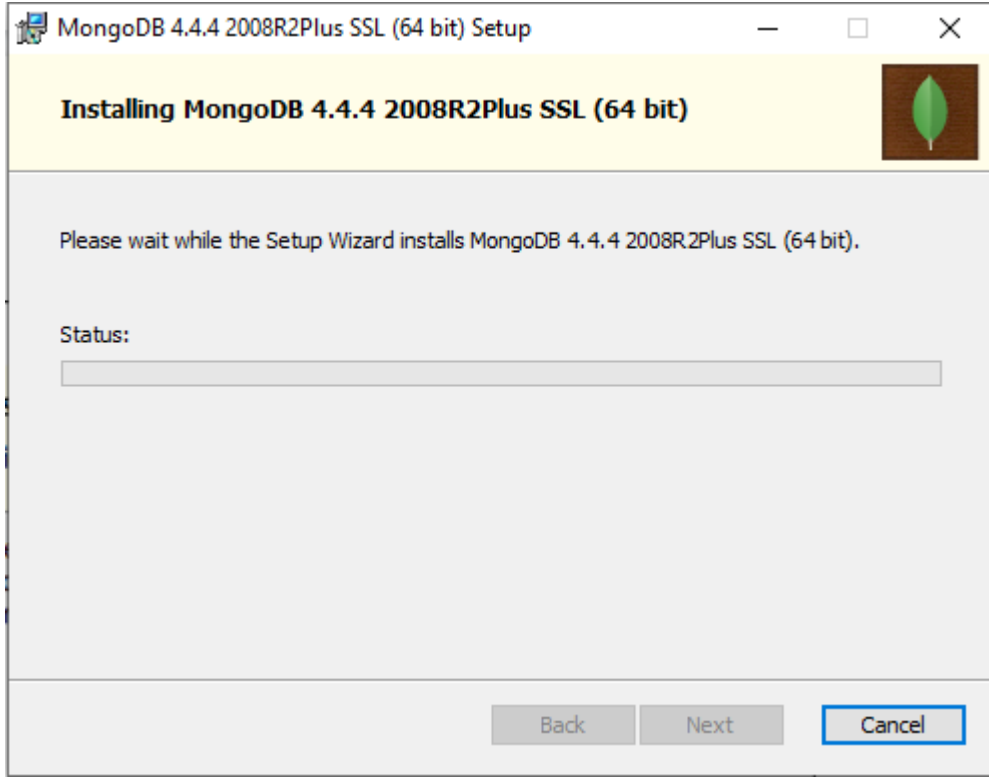
### Install MongoDB Compass

MongoDB Compass is the official graphical user interface for MongoDB.

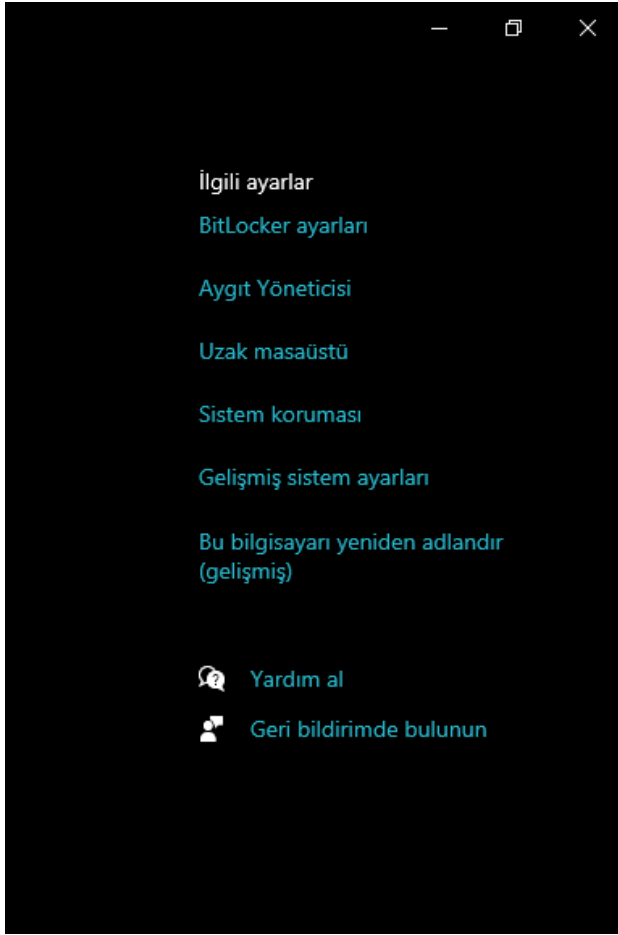
By checking below this installer will automatically download and install the latest version of MongoDB Compass on this machine. You can learn more about MongoDB Compass here: <https://www.mongodb.com/products/compass>

☒ Install MongoDB Compass

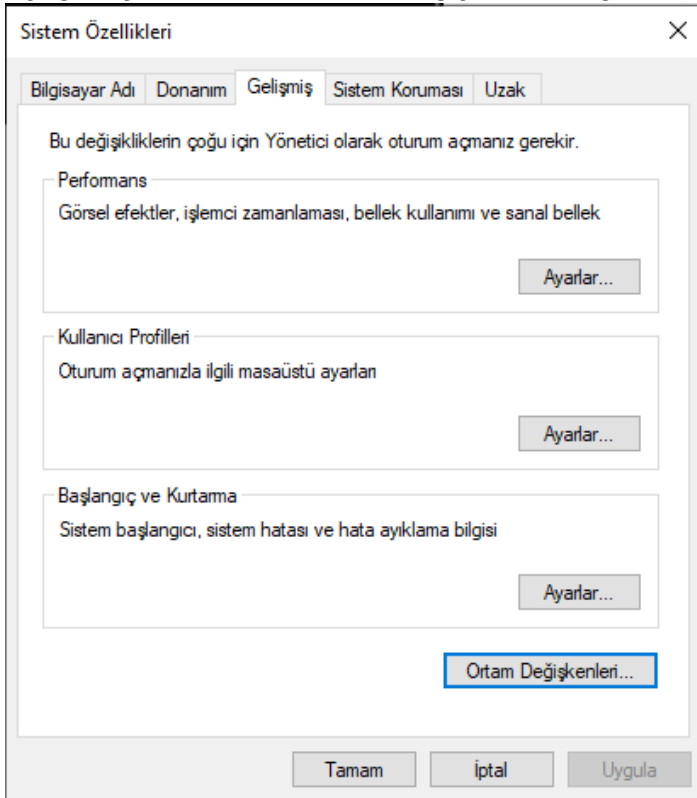
Back   Next   Cancel



Yükleme tamamlandıktan sonra mongodb user environment'ında path'e eklenmesi gerekiyor. Bilgisayarıma sağ tık yapıp özellikler -> gelişmiş sistem ayarlarına girilir.



Aşağıda çıkan ekranda ortam değişkenlerine girilir.



Aşağıdaki ekranda kullanıcı değişkenlerinde Path seçilip düzenle denir.

tugta için kullanıcı değişkenleri

Değişken	Değer
OneDrive	C:\Users\tugta\OneDrive
OneDriveConsumer	C:\Users\tugta\OneDrive
Path	C:\Users\tugta\AppData\Local\Microsoft\WindowsApps;
TEMP	C:\Users\tugta\AppData\Local\Temp
TMP	C:\Users\tugta\AppData\Local\Temp

Yeni... Düzenle... Sil

Sistem değişkenleri

Değişken	Değer
ComSpec	C:\Windows\system32\cmd.exe
DriverData	C:\Windows\System32\Drivers\DriverData
NUMBER_OF_PROCESSORS	8
OS	Windows_NT
Path	C:\Windows\system32;C:\Windows;C:\Windows\System32\Wbem;...
PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;.JSE;.WSF;.WSH;.MSC
PROCESSOR_ARCHITECTURE	AMD64

Yeni... Düzenle... Sil

Tamam İptal

Aşağıdaki ekranda Yeni denilir ve “C:\Program Files\MongoDB\Server\4.4\bin” path’i eklenir.

Ortam deęiřkenini dzenle



%USERPROFILE%\AppData\Local\Microsoft\WindowsApps

Yeni

Dzenle

Gzet...

Sil

Yukarı Tařı

Ařaęı Tařı

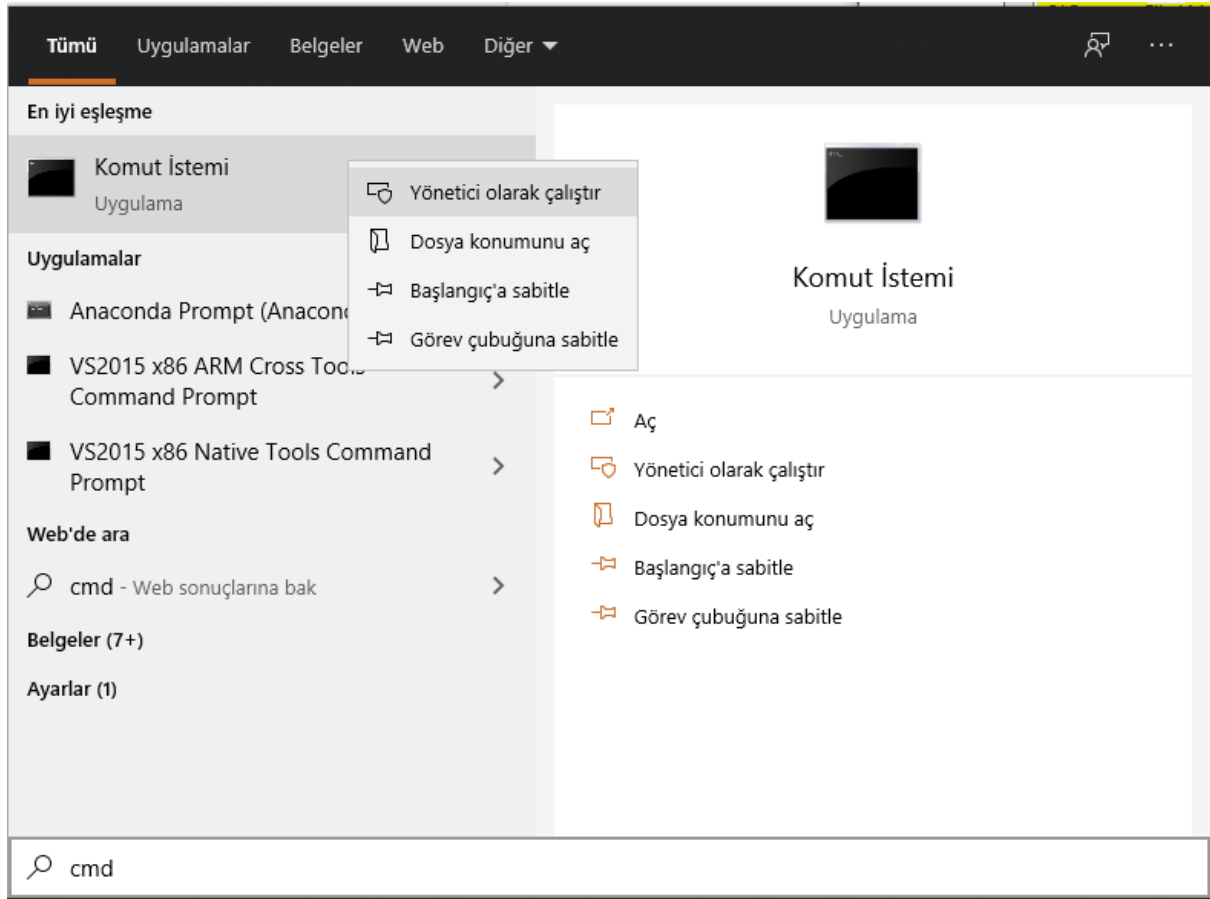
Metni dzenle...

Tamam

İptal







İstediğiniz bir lokasyonda Data\db pathini yaratmanız gerekmektedir. Ardından CMD'ye aşağıdaki komut yazılıp enter'a basılır.  
mongod --dbpath "D:\MongoDb\Data\db"

```
Administrator: Komut İstemi - mongod --dbpath "D:\MongoDb\Data\db"

C:\WINDOWS\system32>mongod --dbpath "D:\MongoDb\Data\db"
{"t":{"sdate":"2021-04-07T00:15:12.156+03:00"},"s":"I", "c":"CONTROL", "id":23285, "ctx":"main","msg":"Automatically
disabling TLS 1.0, to force-enable TLS 1.0 specify --sslDisabledProtocols 'none'"}
{"t":{"sdate":"2021-04-07T00:15:12.525+03:00"},"s":"W", "c":"ASIO", "id":22601, "ctx":"main","msg":"No TransportL
ayer configured during NetworkInterface startup"}
{"t":{"sdate":"2021-04-07T00:15:12.525+03:00"},"s":"I", "c":"NETWORK", "id":4648602, "ctx":"main","msg":"Implicit TCP
FastOpen in use."}
{"t":{"sdate":"2021-04-07T00:15:12.527+03:00"},"s":"I", "c":"STORAGE", "id":4615611, "ctx":"initandlisten","msg":"Mong
oDB starting", "attr":{"pid":35232,"port":27017,"dbPath":"D:\MongoDb\Data\db","architecture":"64-bit","host":"DESKTOP-OT9
TK45"}}
{"t":{"sdate":"2021-04-07T00:15:12.527+03:00"},"s":"I", "c":"CONTROL", "id":23398, "ctx":"initandlisten","msg":"Targ
et operating system minimum version", "attr":{"targetMinOS":"Windows 7/Windows Server 2008 R2"}}
{"t":{"sdate":"2021-04-07T00:15:12.528+03:00"},"s":"I", "c":"CONTROL", "id":23403, "ctx":"initandlisten","msg":"Buil
d Info", "attr":{"buildInfo":{"version":"4.4.4","gitVersion":"8db30a63db1a9d84bdcad0c83369623f708e0397","modules":[],"all
ocator":"tcmalloc","environment":{"distmod":"windows","distarch":"x86_64","target_arch":"x86_64"}}}}
{"t":{"sdate":"2021-04-07T00:15:12.528+03:00"},"s":"I", "c":"CONTROL", "id":51765, "ctx":"initandlisten","msg":"Oper
ating System", "attr":{"os":{"name":"Microsoft Windows 10","version":"10.0 (build 19042)}}}
{"t":{"sdate":"2021-04-07T00:15:12.528+03:00"},"s":"I", "c":"CONTROL", "id":21951, "ctx":"initandlisten","msg":"Opti
ons set by command line", "attr":{"options":{"storage":{"dbPath":"D:\MongoDb\Data\db"}}}}
{"t":{"sdate":"2021-04-07T00:15:12.529+03:00"},"s":"I", "c":"STORAGE", "id":22270, "ctx":"initandlisten","msg":"Stor
age engine to use detected by data files", "attr":{"dbPath":"D:\MongoDb\Data\db","storageEngine":"wiredTiger"}}
{"t":{"sdate":"2021-04-07T00:15:12.529+03:00"},"s":"I", "c":"STORAGE", "id":22315, "ctx":"initandlisten","msg":"Open
ing WiredTiger", "attr":{"config":{"create,cache_size=3488M,session_max=33000,eviction=(threads_min=4,threads_max=4),confi
g_base=false,statistics=(fast),log=(enabled=true,archive=true,path=journal,compressor=snappy),file_manager=(close_idle_t
ime=100000,close_scan_interval=10,close_handle_minimum=250),statistics_log=(wait=0),verbose=[recovery_progress,checkpoin
t_progress,compact_progress]}}}}
{"t":{"sdate":"2021-04-07T00:15:12.554+03:00"},"s":"I", "c":"STORAGE", "id":22430, "ctx":"initandlisten","msg":"Wire
dTiger message", "attr":{"message":"[1617743712:553981][35232:140733218510160], txn-recover: [WT_VERB_RECOVERY_PROGRESS]
Recovering log 14 through 15"}}
```

İkinci bir cmd aynı şekilde açılır. Bu sefer komut satırına "mongo" yazılarak mongodb'nin shell'ine bağlanılmış olur. show dbs; yazılarak aşağıdaki sonuçları görüyorsak doğru şekilde yükleme yapılmış demektir.

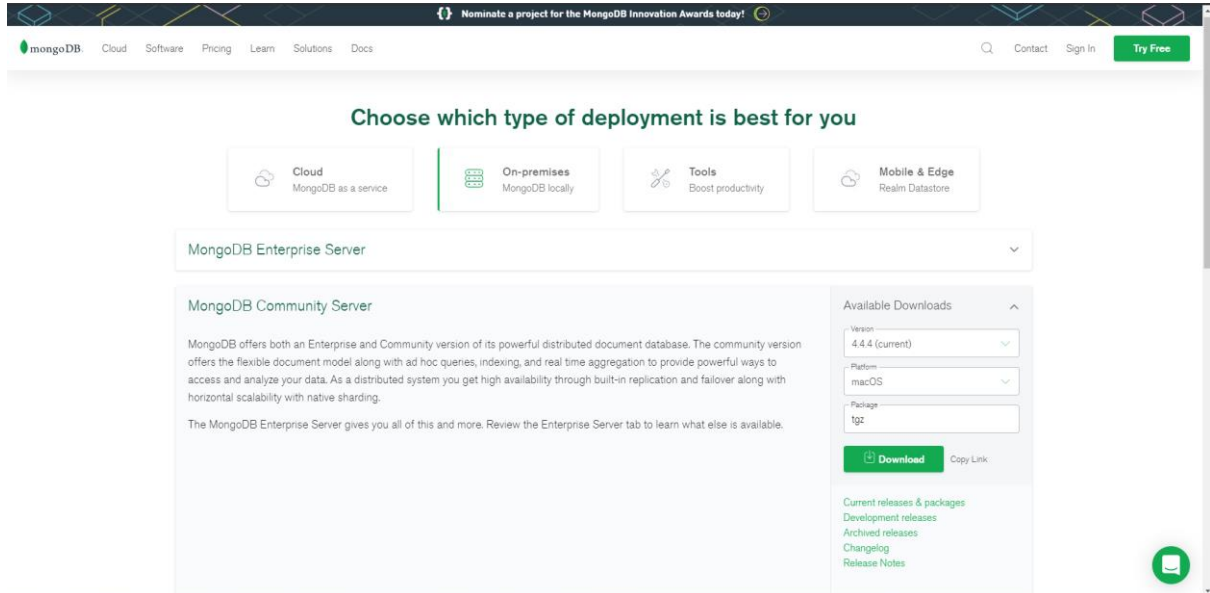
```
Administrator: Komut İstemi - mongo
C:\WINDOWS\system32>mongo
MongoDB shell version v4.4.4
connecting to: mongodb://127.0.0.1:27017/?compressors=disabled&gssapiServiceName=mongodb
Implicit session: session { "id" : UUID("1486be84-3df2-4bea-9309-dc408a6ff34b") }
MongoDB server version: 4.4.4
---
The server generated these startup warnings when booting:
  2021-04-06T23:04:18.836+03:00: Access control is not enabled for the database. Read and write access to data and
  configuration is unrestricted
---
---
  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.

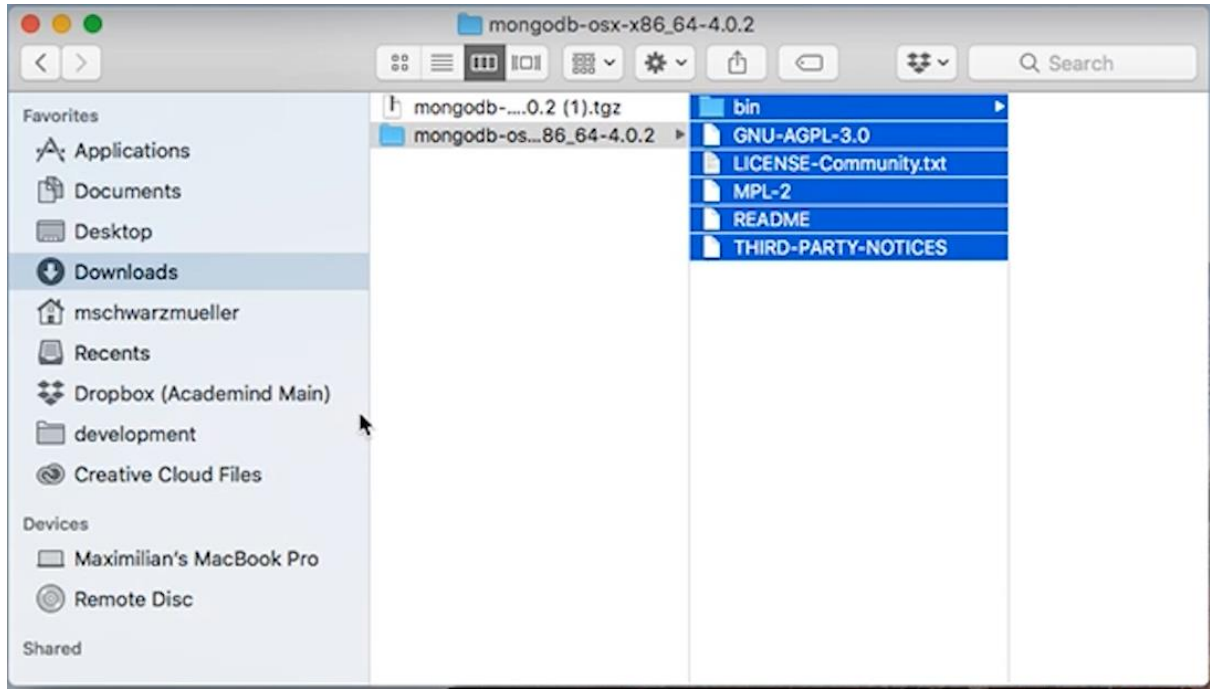
  To enable free monitoring, run the following command: db.enableFreeMonitoring()
  To permanently disable this reminder, run the following command: db.disableFreeMonitoring()
---
> show dbs
uncaught exception: Error: don't know how to show [dbs] :
shellHelper.show@src/mongo/shell/utils.js:1191:11
shellHelper@src/mongo/shell/utils.js:819:15
@(shellhelp2):1:1
> show dbs:
admin      0.000GB
config     0.000GB
local      0.000GB
```

## macOS Kurulum

<https://www.mongodb.com/try/download/community> adresinden macOS için tgz paketi indirilir.

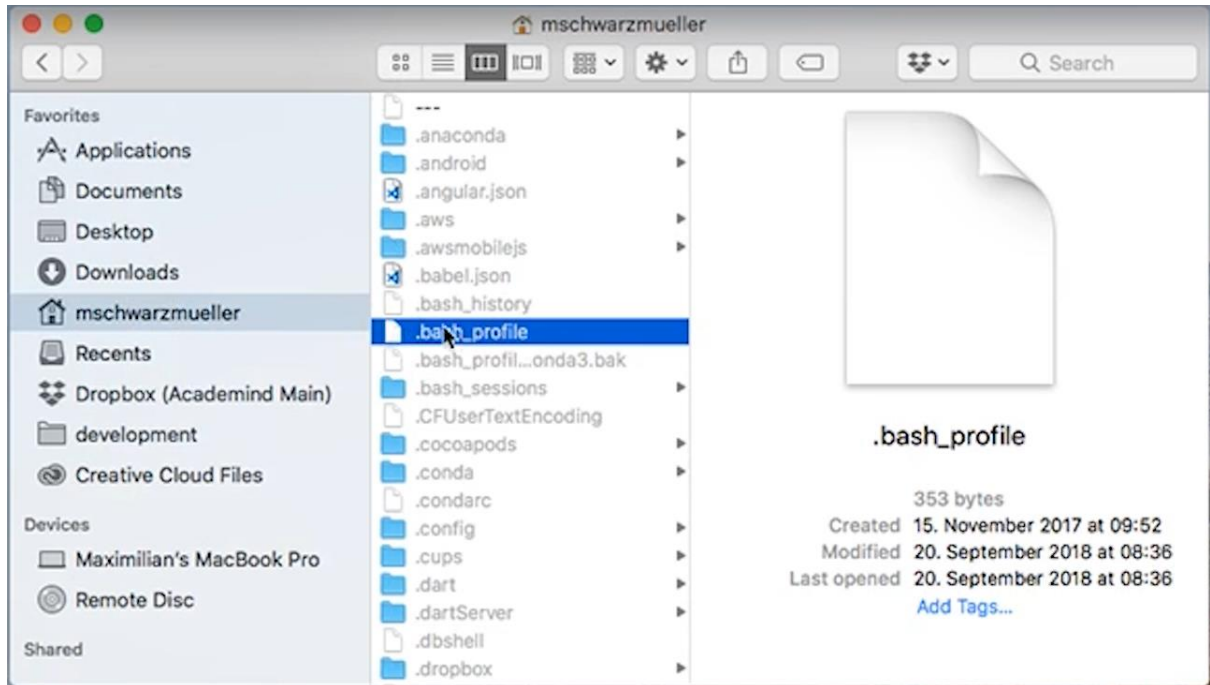


İndirilen tgz dosyası içindekiler bir klasöre çıkartılır.



İstediğiniz bir lokasyonda Data/db pathini yaratınız.

Kendi home dizininizde bulunan .bash\_profile dosyasını açıp içindeki path'e mongodb dizini altında bulunan bin klasörünü ekleyiniz.



```
.bash_profile
export PATH="$PATH:/Users/mschwarzmueller/Library/Android/sdk/platform-tools"
export ANDROID_HOME=$HOME/Library/Android/sdk
export PATH=$PATH:$ANDROID_HOME/tools
export PATH=$PATH:$ANDROID_HOME/platform-tools

# added by Anaconda3 5.1.0 installer
export PATH="/anaconda3/bin:$PATH"
export PATH="/Users/mschwarzmueller/development/tools/flutter/bin:$PATH"
export PATH="/Users/mschwarzmueller/development/mongodb/bin:$PATH"
```

Console'da aşağıdaki komut ile mongodb server ayağa kaldırılır.  
mongodb --dbpath "{.istediğiniz bir yer veya root olabilir.}/data/db"

```
Maximilians-MBP:~ mschwarzmueller$ sudo mongod --dbpath "/data/db"
Password:
2018-09-20T08:44:11.077+0200 I CONTROL [main] Automatically disabling TLS 1.0, to force-enable TLS 1.0 specify --sslDisabledProtocols 'none'
2018-09-20T08:44:11.091+0200 I CONTROL [initandlisten] MongoDB starting : pid=69513 port=27017 dbpath=/data/db 64-bit host=Maximilians-MBP.fritz.box
2018-09-20T08:44:11.091+0200 I CONTROL [initandlisten] db version v4.0.2
2018-09-20T08:44:11.091+0200 I CONTROL [initandlisten] git version: fc1573ba18aee42f97a3bb13b67af7d837826b47
```

Yeni bir console'da mongo yazılarak mongodb shell'e bağlanılır. Aşağıdaki komut yazıldığında çıktısı aşağıdaki gibiyse mongodb düzgün kurulmuş demektir.

```
> show dbs
admin 0.000GB
config 0.000GB
local 0.000GB
```

## Linux(Ubuntu)

macOS kurulumunun birebir aynısıdır. <https://www.mongodb.com/try/download/community> adresinden linux distro için tgz veya deb paketi indirilir.

Bundan sonraki adımlar için dosyadan paketler çıkartılır. /data/db path'i yaratılır, .bash\_profile'a mongodb bin path'i eklenir. Mongodb server ayağa kaldırıldıktan sonra mongo yazarak shell'e bağlanılır.

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