

# Installing MongoDB on Windows



**Mosh Hamedani**

[programmingwithmosh.com](http://programmingwithmosh.com)

MongoDB for GIANT Id X +

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# Move at the Speed of Your Data

Go faster with MongoDB 3.6

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00101100  
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10110  
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00111010



01101  
110010  
00110  
1100  
0110  
0110



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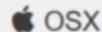
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## Current Stable Release (3.6.2)

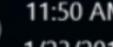
01/10/2018: [Release Notes](#) | [Changelog](#)  
Download Source: [tgz](#) | [zip](#)

[Windows](#)[Linux](#)[OSX](#)**Version:**

Windows Server 2008 R2 64-bit and later, with SSL support x64 ▾

**Installation Package:**

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MongoDB Download Center

mongodb.com/download-center?jmp=nav#community

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Version:  
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Binary: [Installation Instructions](#) | [All Version Binaries](#)

Deploy a free cluster in the cloud with MongoDB Atlas, our database service that gets you up and running in minutes.

[https://www.mongodb.com/dr/fastdl.mongodb.org/win32/mongodb-win32-x86\\_64-2008plus-ssl-3.6.2-](https://www.mongodb.com/dr/fastdl.mongodb.org/win32/mongodb-win32-x86_64-2008plus-ssl-3.6.2-)

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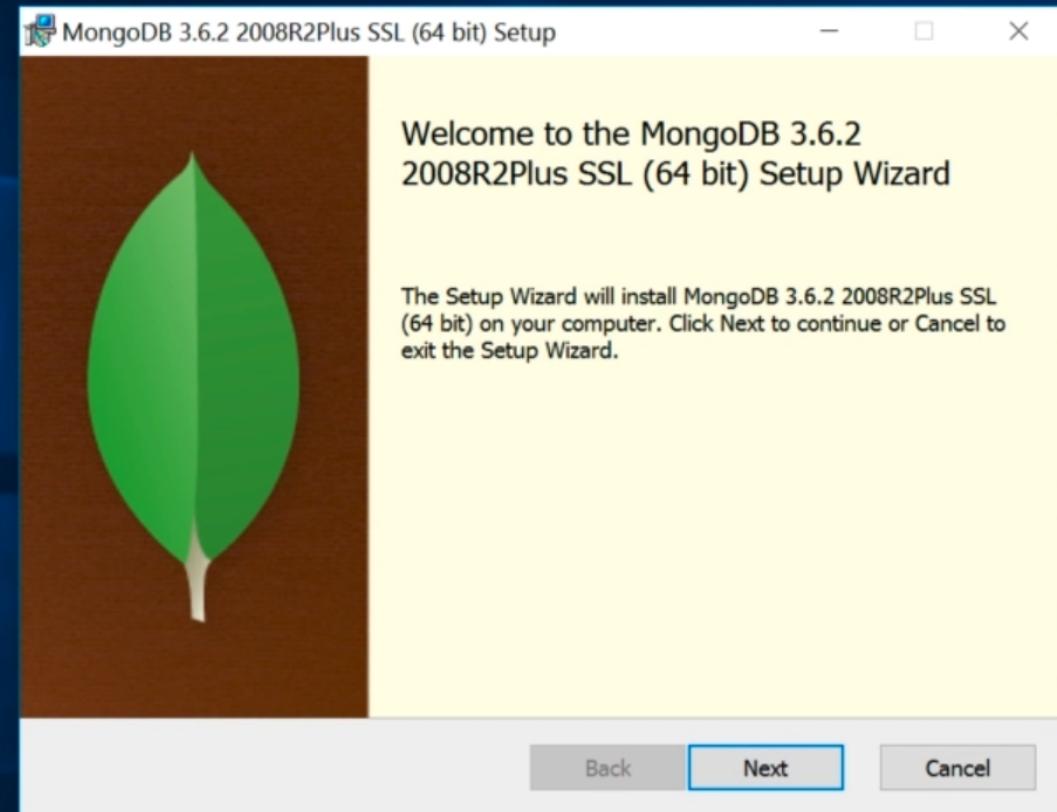
Recycle Bin



Publish



MongoDB  
Compass ...



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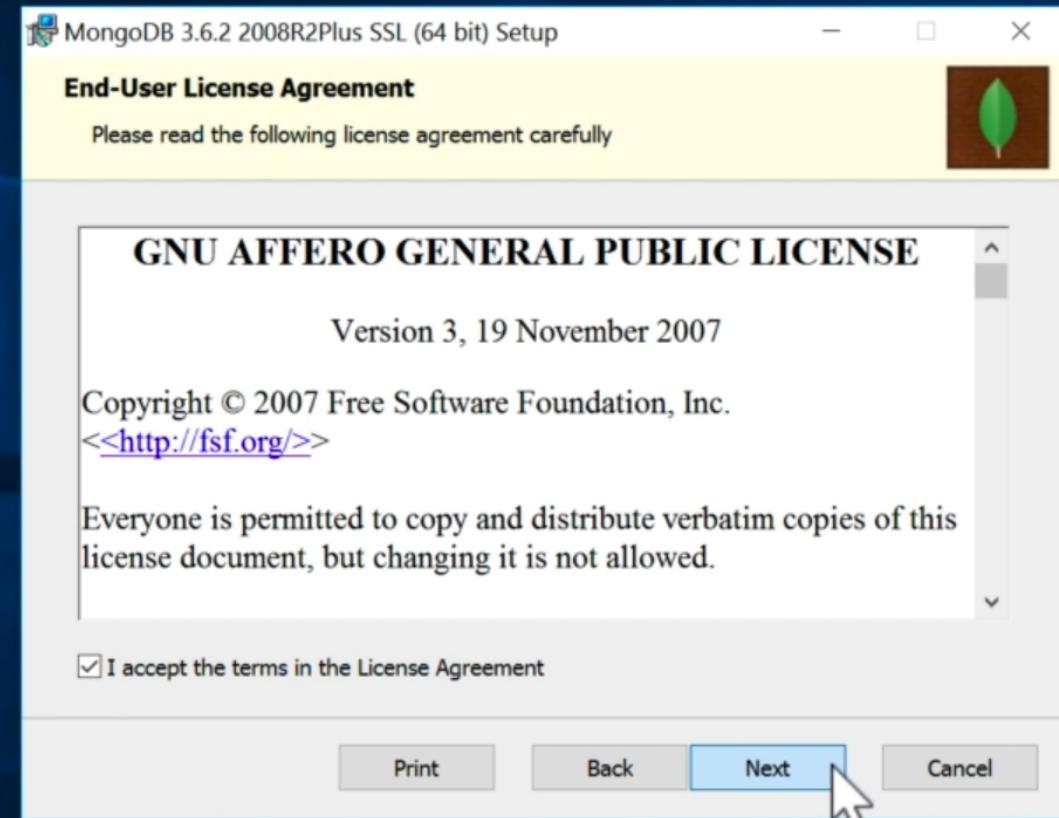
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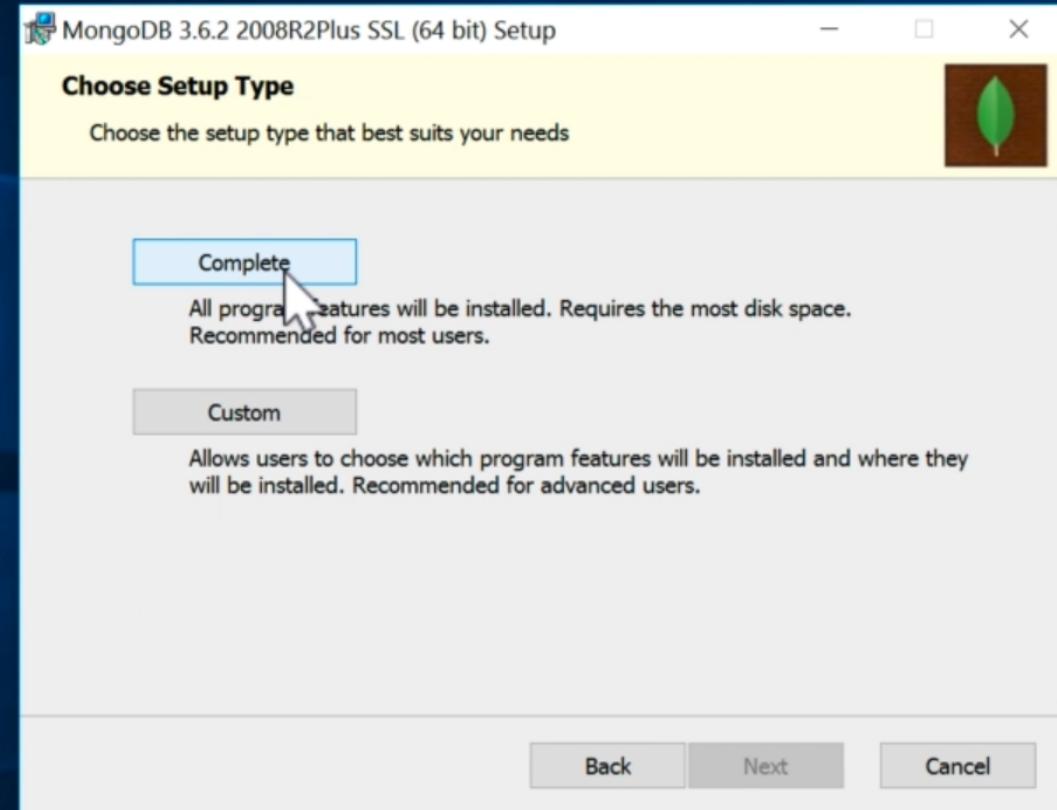
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Compass ...



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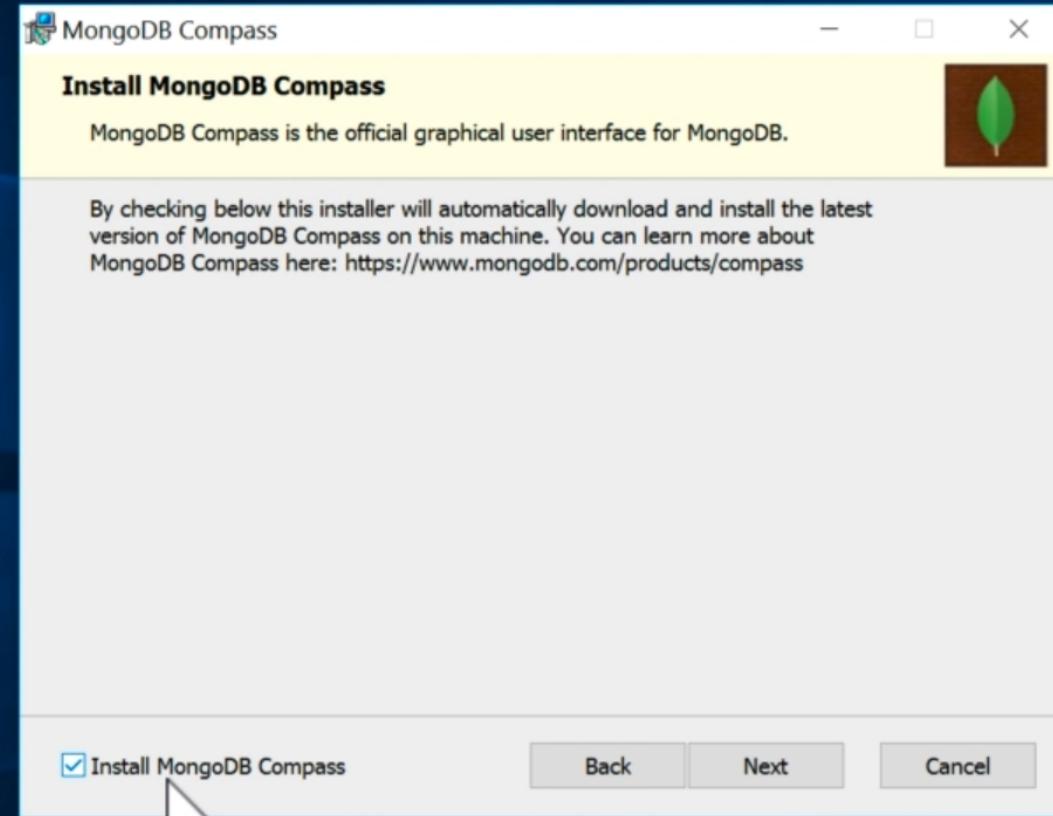
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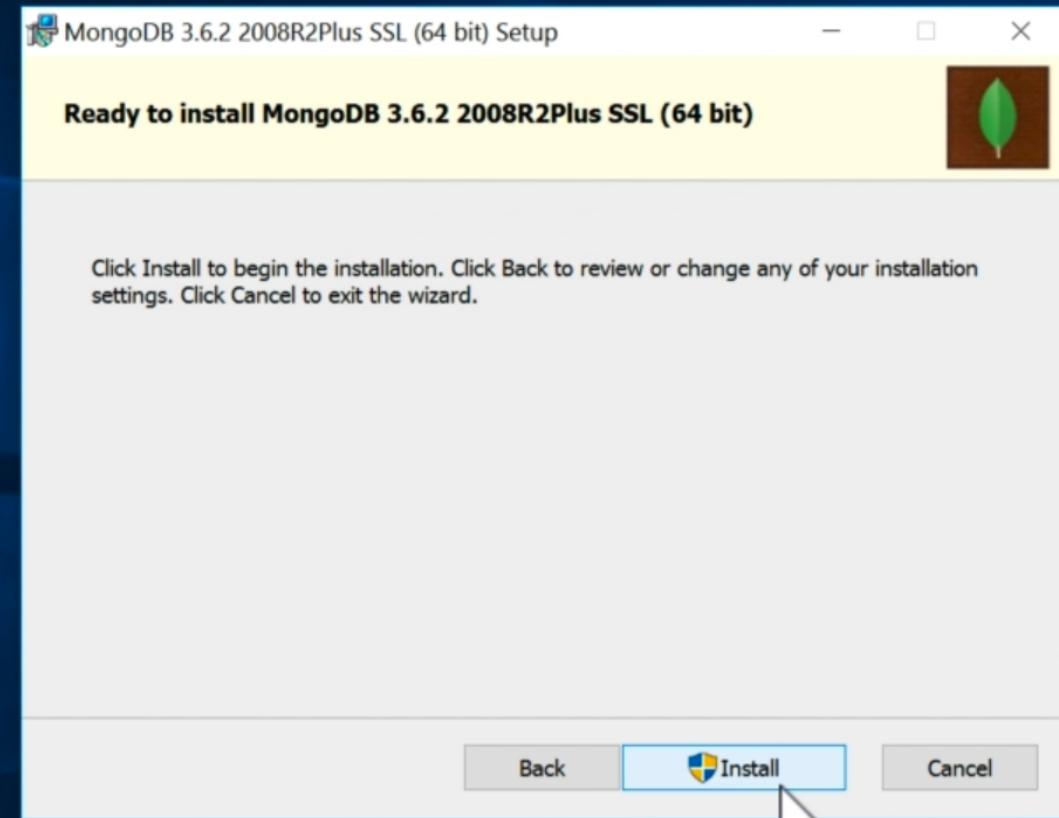
Recycle Bin



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Compass ...



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User Account Control

X

Do you want to allow this app to make  
changes to your device?



8ad2f.msi

Verified publisher: MongoDB, Inc.

File origin: Downloaded from the Internet

[Show more details](#)

Yes

No



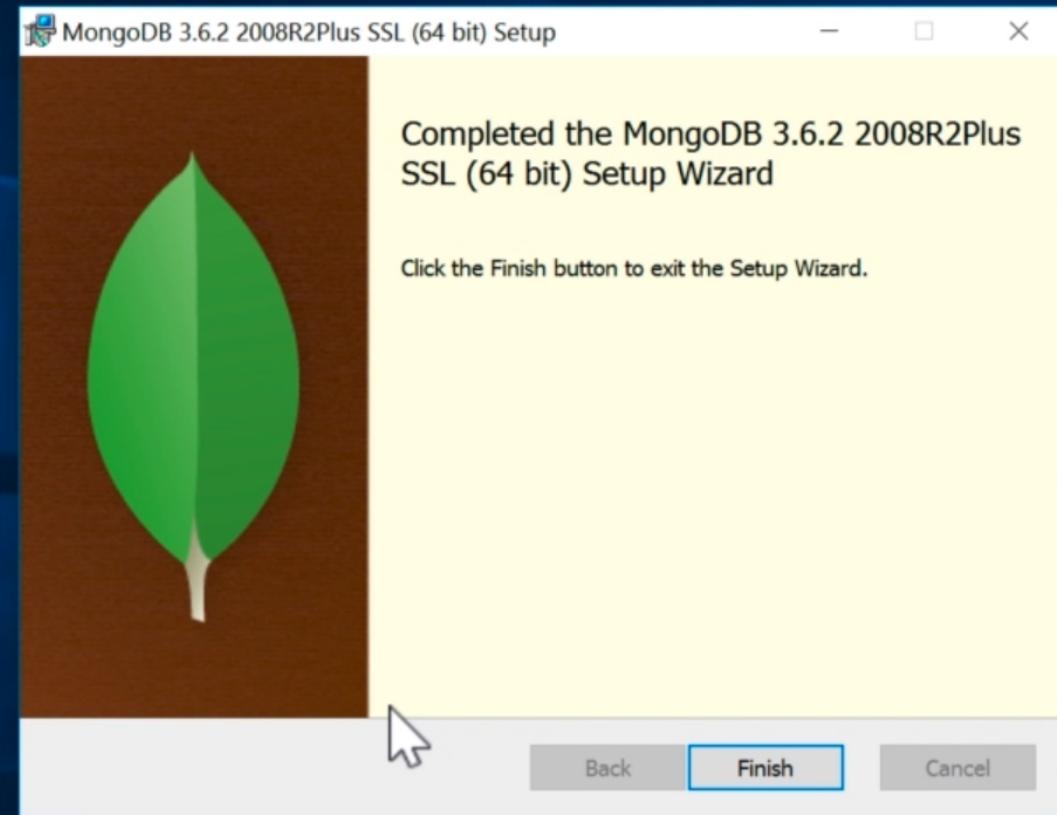
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## MongoDB Compass

As the GUI for MongoDB, MongoDB Compass allows you to make smarter decisions about document structure, querying, indexing, document validation, and more. Compass enables you to:

- View, add, and delete databases and collections
- Monitor performance in real time and identify slow queries
- View and interact with documents with full CRUD functionality
- Build and run ad hoc queries
- Visually explore the structure of data in your database

Versions:

1.11.1 (Stable)

Platforms:

Windows 64-bit (7+)

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Documentation



Recycle Bin



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MongoDB  
Compass ...

MongoDB Compass is being installed.

It will launch once it is done.



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MongoDB Compass - Co

File Home Share View Application Tools bin

C:\Program Files\MongoDB\Server\3.6\bin

Quick access

- Desktop
- Downloads
- Documents
- Pictures
- Music
- UnitTesting
- Videos

OneDrive

This PC

- Desktop
- Documents
- Downloads
- Music
- Pictures
- Videos

Local Disk (C:)

Network

Name Date modified Type

Name	Date modified	Type
bsondump	1/10/2018 7:16 PM	Application
InstallCompass	1/10/2018 7:40 PM	Windows PowerShell
libeay32.dll	12/19/2016 6:30 PM	Application extens...
mongo	1/10/2018 7:28 PM	Application
<b>mongod</b>	1/10/2018 7:41 PM	Application
mongod.pdb	1/10/2018 7:42 PM	Program Debug D...
mongodump	1/10/2018 7:18 PM	Application
mongoexport	1/10/2018 7:17 PM	Application
mongofiles	1/10/2018 7:17 PM	Application
mongoimport	1/10/2018 7:17 PM	Application
mongoperf	1/10/2018 7:41 PM	Application
mongorestore	1/10/2018 7:18 PM	Application
mongos	1/10/2018 7:33 PM	Application
mongos.pdb	1/10/2018 7:33 PM	Program Debug D...
mongostat	1/10/2018 7:16 PM	Application
mongotop	1/10/2018 7:19 PM	Application
ssleay32.dll	12/19/2016 6:30 PM	Application extens...

17 items | 1 item selected 29.4 MB

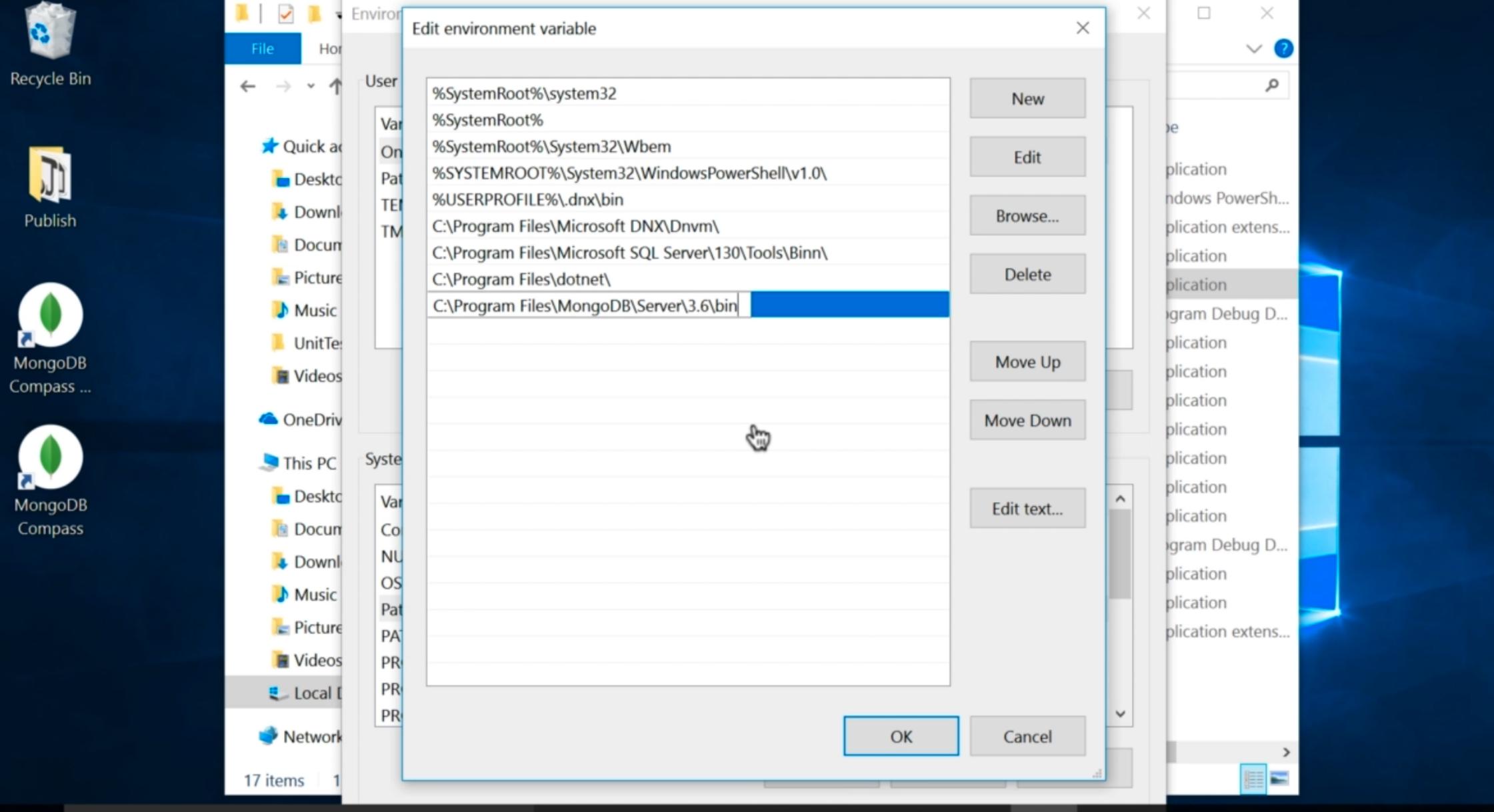
Next >



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C:\Users\Moshfegh Hamedani&gt;mongod

```
2018-01-23T12:11:23.446-0800 I CONTROL [initandlisten] MongoDB starting : pid=208 port=27017 d  
bpath=C:\data\db\ 64-bit host=DESKTOP-JVU9EVC  
2018-01-23T12:11:23.448-0800 I CONTROL [initandlisten] targetMinOS: Windows 7/Windows Server 2  
008 R2  
2018-01-23T12:11:23.449-0800 I CONTROL [initandlisten] db version v3.6.2  
2018-01-23T12:11:23.449-0800 I CONTROL [initandlisten] git version: 489d177dbd0f0420a8ca04d39f  
d78d0a2c539420  
2018-01-23T12:11:23.450-0800 I CONTROL [initandlisten] OpenSSL version: OpenSSL 1.0.1u-fips 2  
2 Sep 2016  
2018-01-23T12:11:23.468-0800 I CONTROL [initandlisten] allocator: tcmalloc  
2018-01-23T12:11:23.471-0800 I CONTROL [initandlisten] modules: none  
2018-01-23T12:11:23.473-0800 I CONTROL [initandlisten] build environment:  
2018-01-23T12:11:23.474-0800 I CONTROL [initandlisten] distmod: 2008plus-ssl  
2018-01-23T12:11:23.474-0800 I CONTROL [initandlisten] distarch: x86_64  
2018-01-23T12:11:23.474-0800 I CONTROL [initandlisten] target_arch: x86_64  
2018-01-23T12:11:23.477-0800 I CONTROL [initandlisten] options: {}  
2018-01-23T12:11:23.480-0800 I STORAGE [initandlisten] exception in initAndListen: NonExistent  
Path: Data directory C:\data\db\ not found., terminating  
2018-01-23T12:11:23.480-0800 I CONTROL [initandlisten] now exiting  
2018-01-23T12:11:23.511-0800 I CONTROL [initandlisten] shutting down with code:100
```

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12:11 PM

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C:\Users\Moshfegh Hamedani>md c:\data\db

C:\Users\Moshfegh Hamedani>mongod



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1/22/2018

responses from, or with --bind\_ip\_all to  
2018-01-23T12:13:21.585-0800 I CONTROL [initandlisten] \*\* bind to all interfaces. If  
this behavior is desired, start the  
2018-01-23T12:13:21.586-0800 I CONTROL [initandlisten] \*\* server with --bind\_ip 127.0  
.0.1 to disable this warning.  
2018-01-23T12:13:21.586-0800 I CONTROL [initandlisten]  
2018-01-23T12:13:21.587-0800 I CONTROL [initandlisten]  
2018-01-23T12:13:21.587-0800 I CONTROL [initandlisten] \*\* WARNING: The file system cache of th  
is machine is configured to be greater than 40% of the total memory. This can lead to increased  
memory pressure and poor performance.  
2018-01-23T12:13:21.588-0800 I CONTROL [initandlisten] See <http://dochub.mongodb.org/core/wt-w>  
indows-system-file-cache  
2018-01-23T12:13:21.589-0800 I CONTROL [initandlisten]  
2018-01-23T12:13:21.590-0800 I STORAGE [initandlisten] createCollection: admin.system.version  
with provided UUID: f8751c5d-a0a1-459e-a748-c190d84f18b1  
2018-01-23T12:13:21.640-0800 I COMMAND [initandlisten] setting featureCompatibilityVersion to  
3.6  
2018-01-23T12:13:21.648-0800 I STORAGE [initandlisten] createCollection: local.startup\_log wit  
h generated UUID: a332b2ca-7385-469b-9b3b-5e1df11b28d0  
2018-01-23T12:13:21.842-0800 I FTDC [initandlisten] Initializing full-time diagnostic data  
capture with directory 'C:/data/db/diagnostic.data'  
2018-01-23T12:13:21.847-0800 I NETWORK [initandlisten] waiting for connections on port 27017



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 NEW CONNECTION FAVORITES RECENTS

## Connect to Host

Hostname

localhost

Port

27017

Authentication

None

Replica Set Name

Read Preference

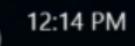
Primary

SSL

None

SSH Tunnel

None



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C 2 DBS

1 COLLECTIONS

Q filter

&gt; admin

&gt; local

Databases

Performance

CREATE DATABASE

Database Name

Storage Size

Collections

Indexes

admin

16.0KB

0

1



local

16.0KB

1

1



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