MongoDB®
INSTALLATION

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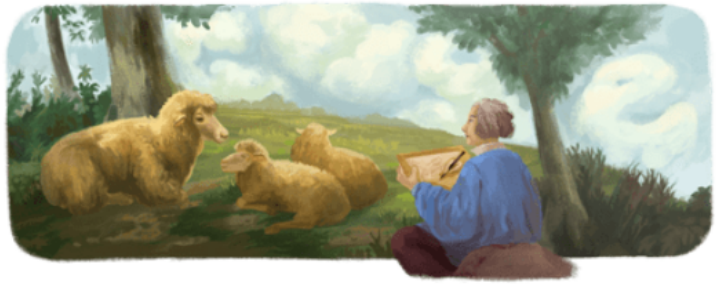

mongodb install

- mongodb install **ubuntu**
- mongodb install **windows**
- mongodb install
- mongodb install **ubuntu 20.04**
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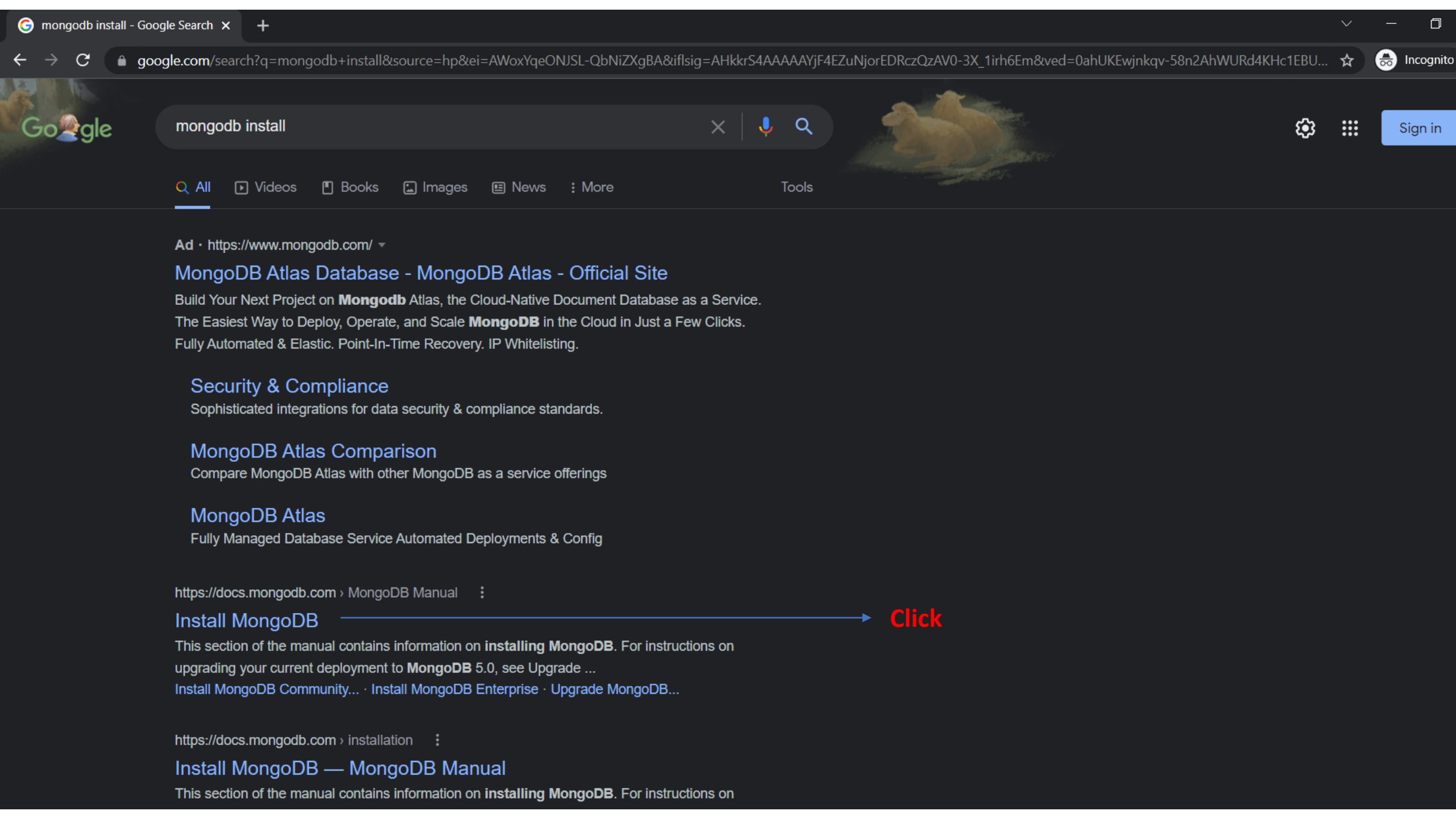
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The Easiest Way to Deploy, Operate, and Scale MongoDB in the Cloud in Just a Few Clicks.
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Security & Compliance
Sophisticated integrations for data security & compliance standards.
MongoDB Atlas Comparison
Compare MongoDB Atlas with other MongoDB as a service offerings
MongoDB Atlas
Fully Managed Database Service Automated Deployments & Config
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Install MongoDB
Click
This section of the manual contains information on installing MongoDB. For instructions on
upgrading your current deployment to MongoDB 5.0, see Upgrade ...
Install MongoDB Community... · Install MongoDB Enterprise · Upgrade MongoDB...
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Install MongoDB — MongoDB Manual
This section of the manual contains information on installing MongoDB. For instructions on

MongoDB Documentation

← Back To Develop Applications

MongoDB Manual

5.0 (current)

- Introduction
- Installation
  - Install MongoDB Community Edition
  - Install MongoDB Enterprise
  - Upgrade MongoDB Community to MongoDB Enterprise
  - Verify Integrity of MongoDB Packages
- MongoDB Shell (mongosh)
- MongoDB CRUD

MongoDB Installation Tutorials

MongoDB installation tutorials are available for the following platforms, for both the Community Edition and the Enterprise Edition:

Platform	Community Edition	Enterprise Edition
Linux	Install MongoDB Community Edition on Red Hat or CentOS Install MongoDB Community Edition on Ubuntu Install MongoDB Community Edition on Debian Install MongoDB Community Edition on SUSE Install MongoDB Community Edition on Amazon Linux	Install MongoDB Enterprise Edition on Red Hat or CentOS Install MongoDB Enterprise Edition on Ubuntu Install MongoDB Enterprise Edition on Debian Install MongoDB Enterprise Edition on SUSE Install MongoDB Enterprise Edition on Amazon Linux
macOS	Install MongoDB Community Edition on macOS	Install MongoDB Enterprise on macOS
Windows	Install MongoDB Community Edition on Windows	Install MongoDB Enterprise Edition on Windows
Docker		Install MongoDB Enterprise with Docker

Upgrade Community Edition to Enterprise Edition Tutorials

IMPORTANT

Do not use these instructions to upgrade to another release version. To upgrade release versions, refer

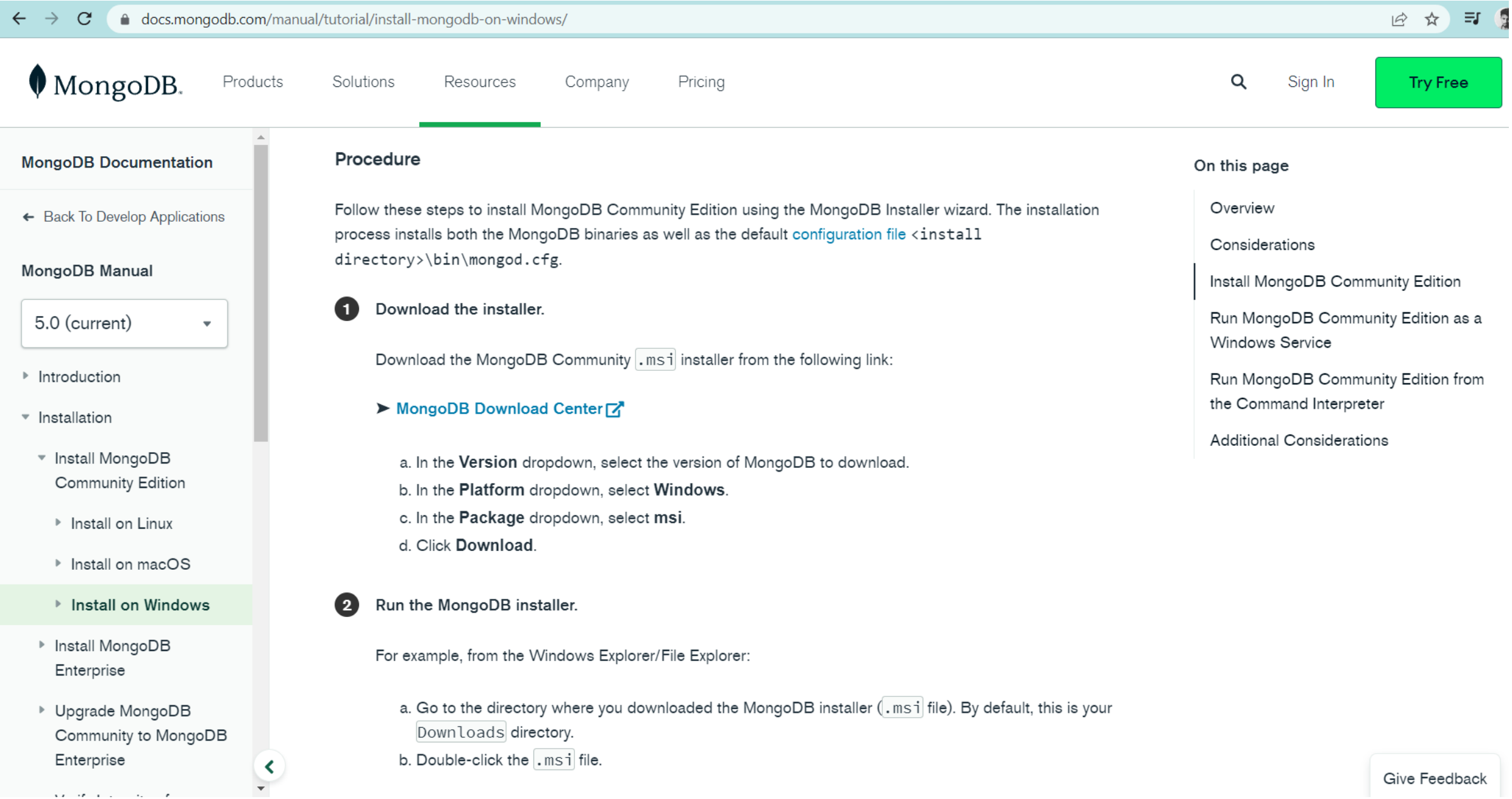
On this page

- MongoDB Installation Tutorials
- Upgrade Community Edition to Enterprise Edition Tutorials
- Supported Platforms

Click the community edition only,based on your PC needs

Give Feedback

Next step: You will lead to new page and scroll down you will be able to **MongoDB Download Center**



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Download MongoDB Community Server

MongoDB Enterprise Server

Change accordingly based on need of your PC and only download package in msi

MongoDB Community Server

The Community version of our distributed database offers a flexible document data model along with support for ad-hoc queries, secondary indexing, and real-time aggregations to provide powerful ways to access and analyze your data.

The database is also offered as a fully-managed service with MongoDB Atlas. Get access to advanced functionality such as auto-scaling, serverless instances (in preview), full-text search, and data distribution across regions and clouds. Deploy in minutes on AWS, Google Cloud, and/or Azure, with no downloads necessary.

Give it a try with a free, highly-available 512 MB cluster.

Available Downloads

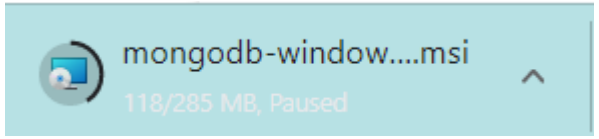
Version: 5.0.6 (current)

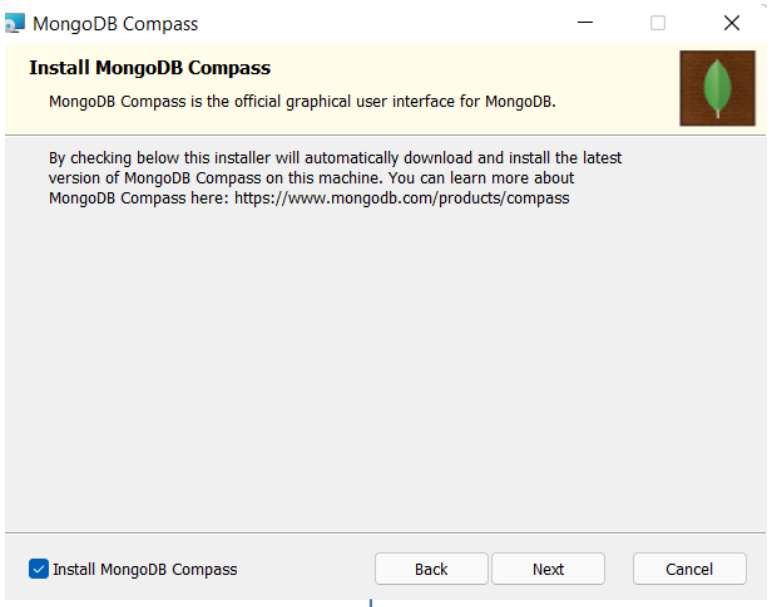
Platform: Windows

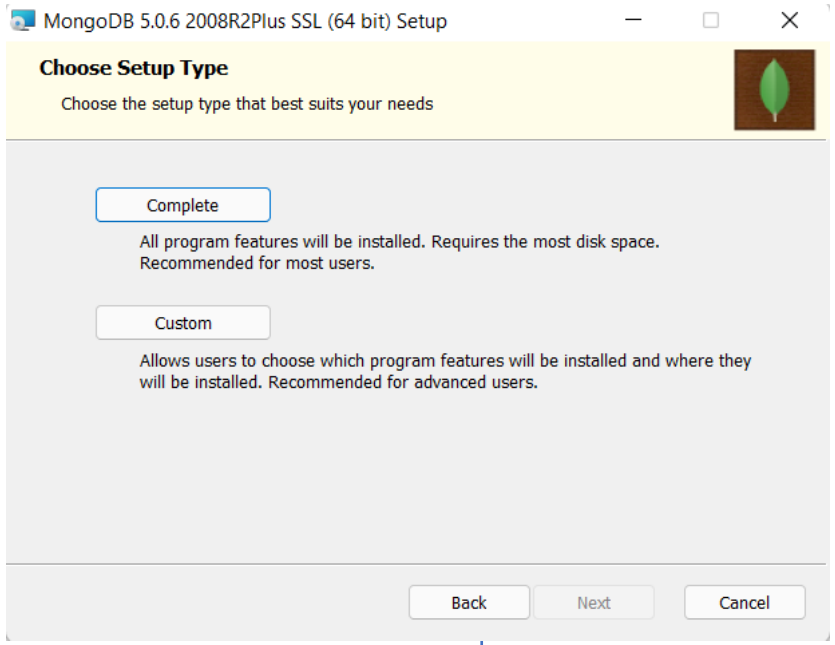
Package: msi

Download Copy Link

https://www.mongodb.com/try/download/community







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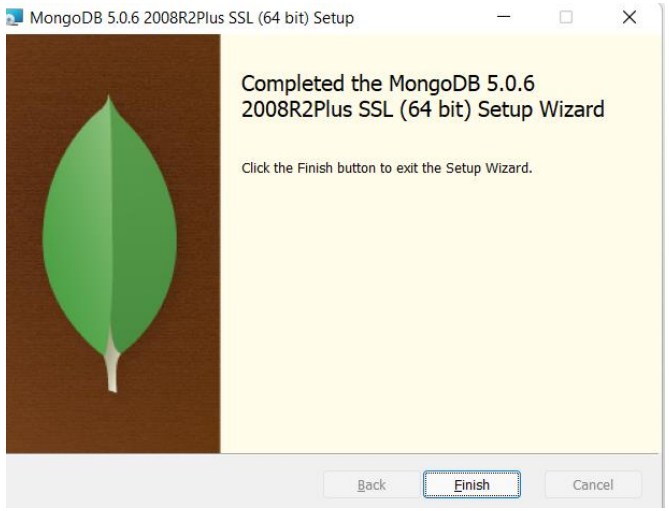
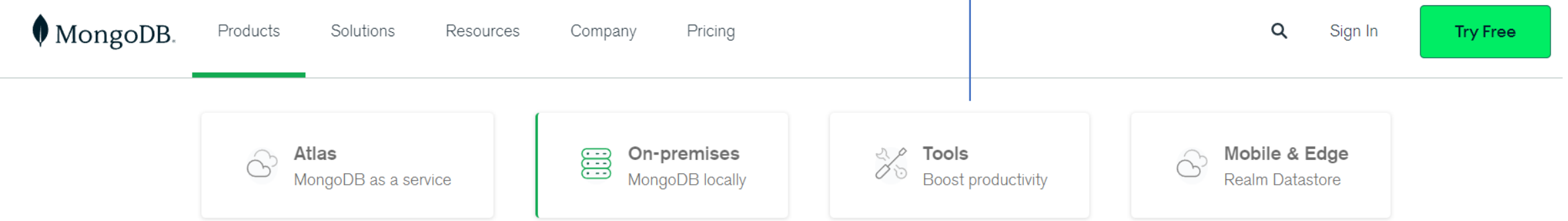


Once completed the above kind of window will be popping up
Click>>Finish

After completing Server Download **Click>> Tools** for next page and other downloads



Download MongoDB Community Server

MongoDB Enterprise Server

MongoDB Community Server

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Give it a try with a free, highly-available 512 MB cluster.

Available Downloads

Version: 5.0.6 (current)

Platform: Windows

Package: msi

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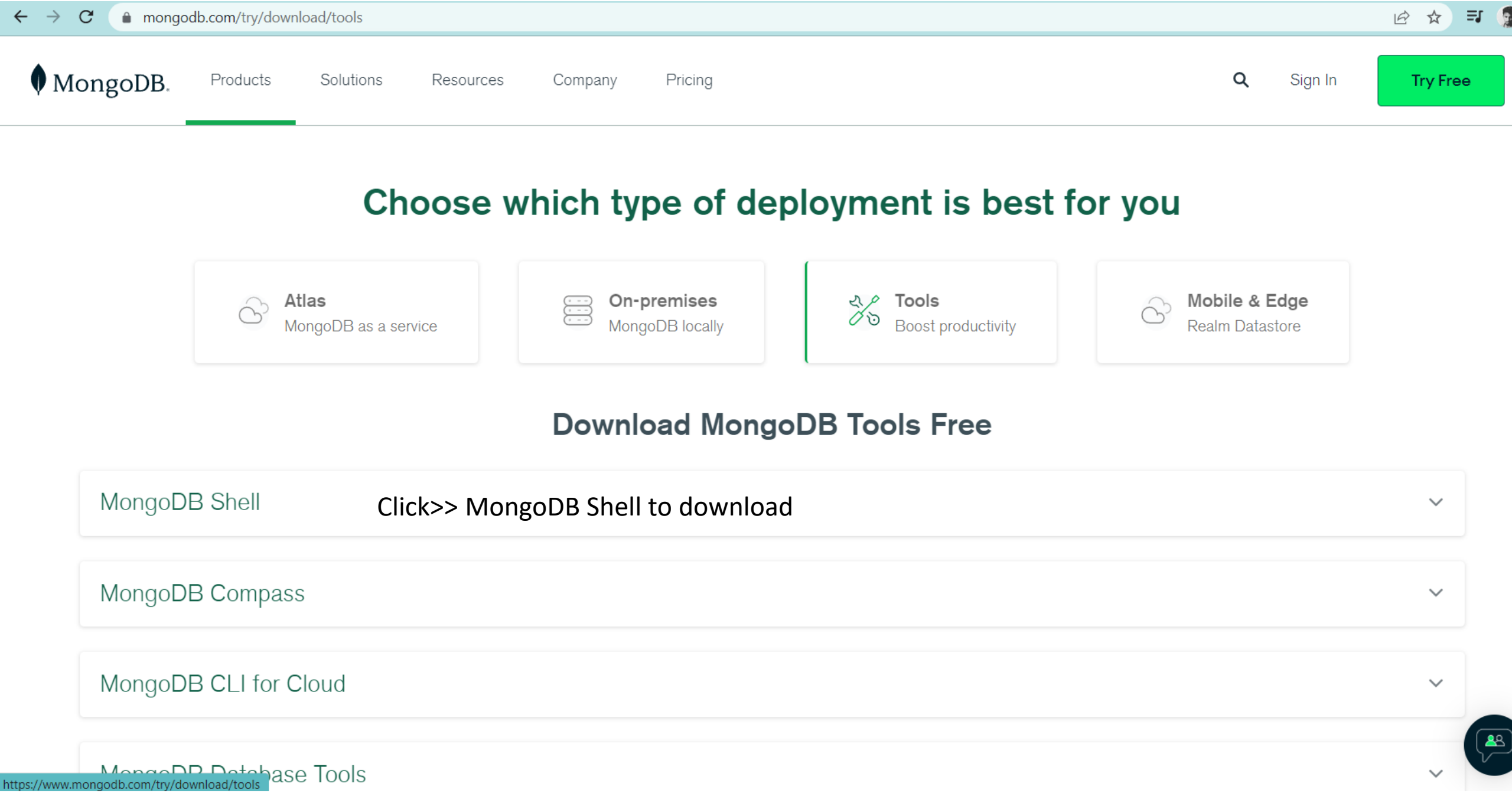
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MongoDB Shell

MongoDB Shell is the quickest way to connect to (and work with) MongoDB. Easily query data, configure settings, and execute other actions with this modern, extensible command-line interface — replete with syntax highlighting, intelligent autocomplete, contextual help, and error messages.

Note: MongoDB Shell is an open source (Apache 2.0), standalone product developed separately from the MongoDB Server.

Available Downloads

Version: 1.2.3

Platform: Windows 64-bit (8.1+) (MSI)

Package: msi

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Documentation

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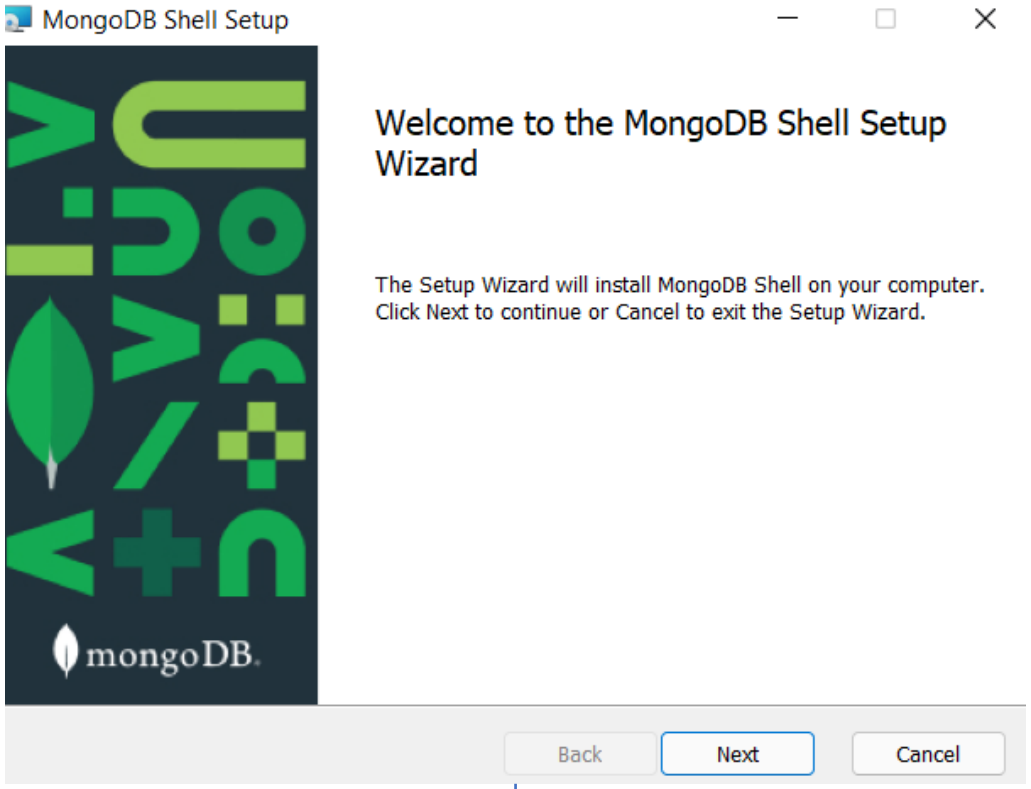

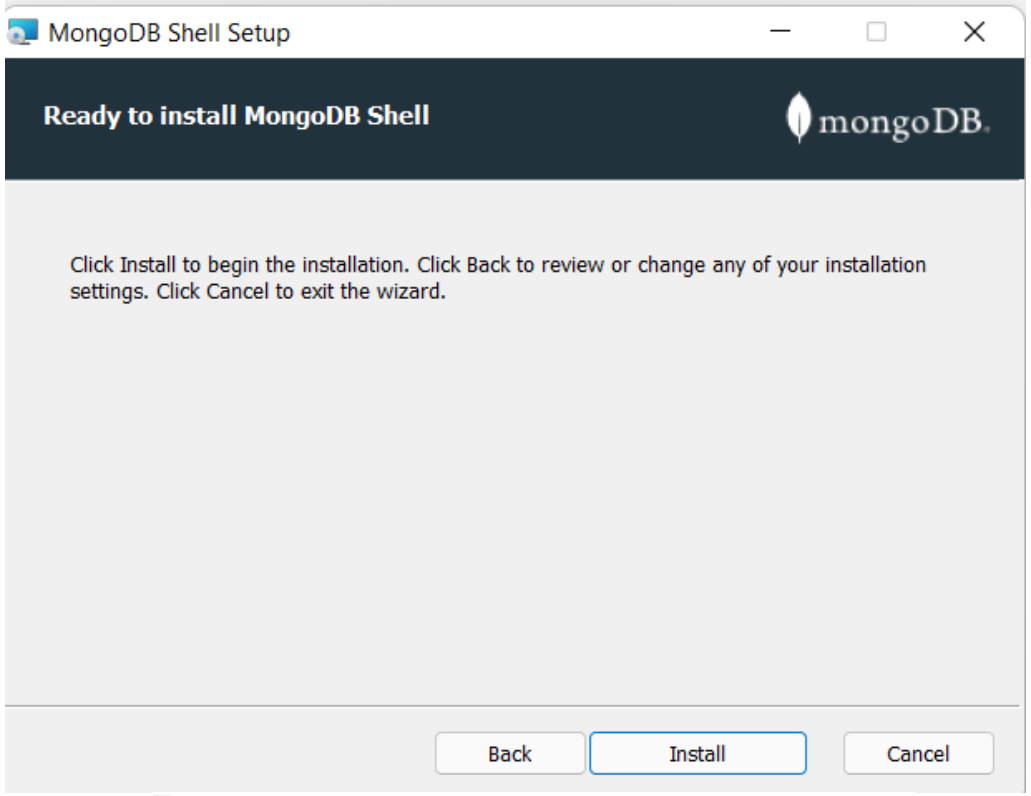

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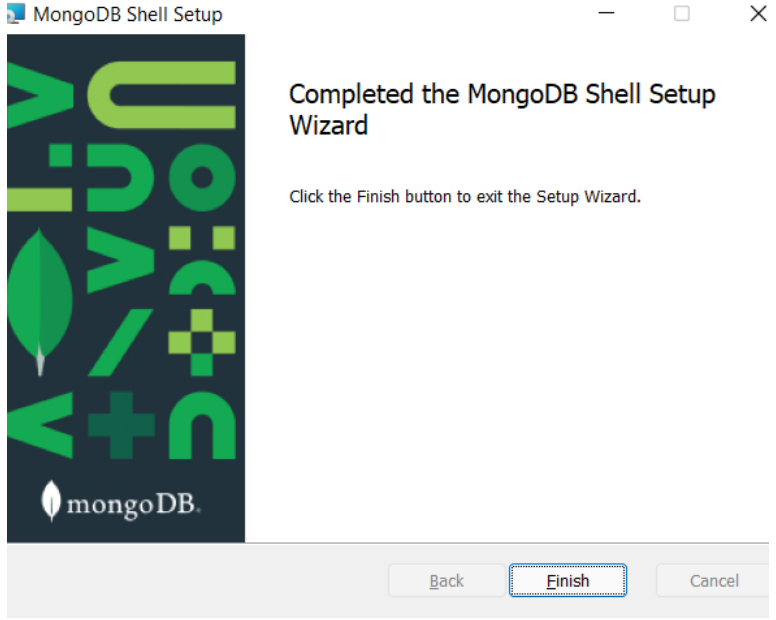

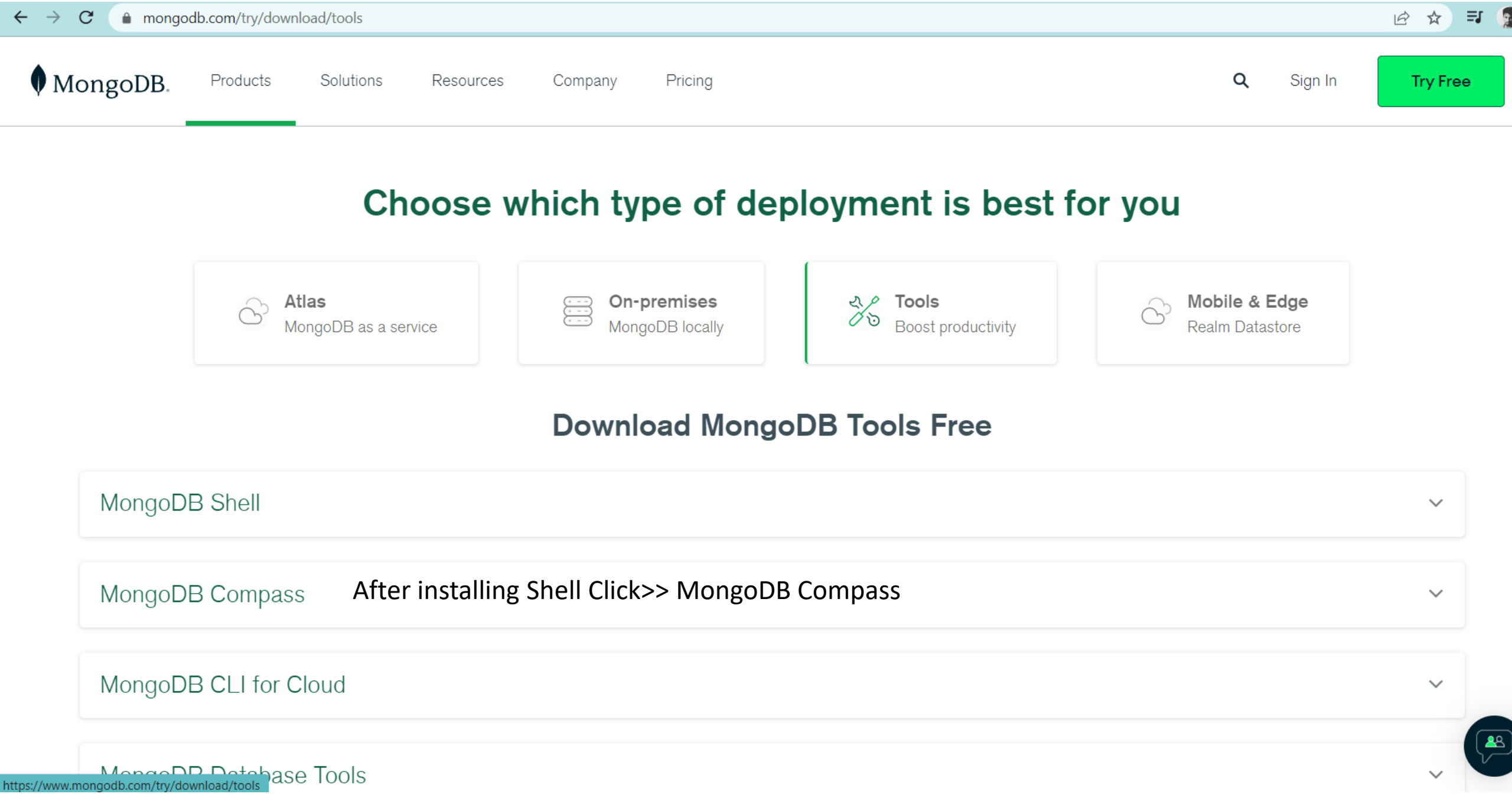
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MongoDB Compass
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MongoDB Compass

Easily explore and manipulate your database with Compass, the GUI for MongoDB. Intuitive and flexible, Compass provides detailed schema visualizations, real-time performance metrics, sophisticated querying abilities, and much more.

Please note that MongoDB Compass comes in three versions: **a full version** with all features, **a read-only version** without write or delete capabilities, and **an isolated edition**, whose sole network connection is to the MongoDB instance.

For more information, see our documentation pages.

- **Compass**

  The full version of MongoDB Compass, with all features and capabilities.

- **Readonly Edition**

  This version is limited strictly to read operations, with all write and delete capabilities removed.

- **Isolated Edition**

  This version disables all network connections except the connection to the MongoDB instance.

Available Downloads

Version: 1.30.1 (Stable)

Platform: Windows 64-bit (7+) (MSI)

Package: msi

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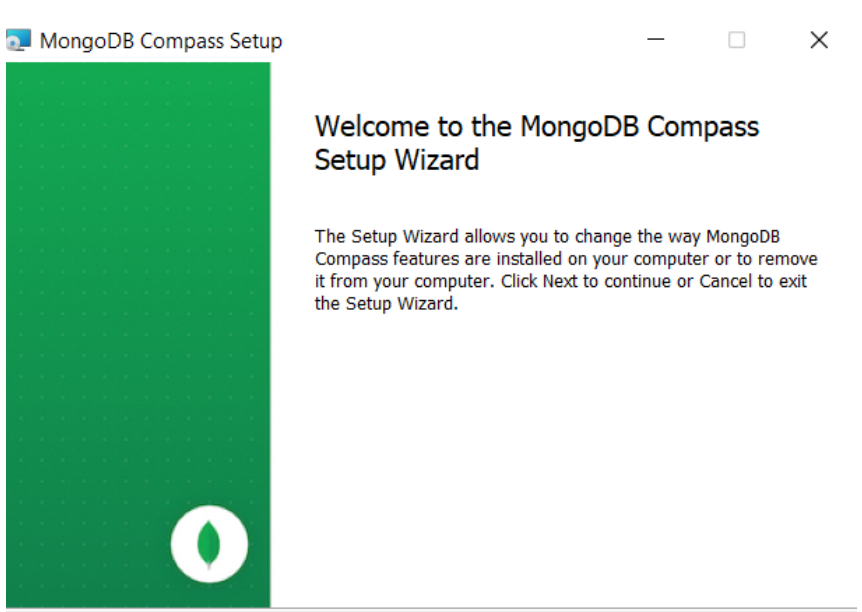
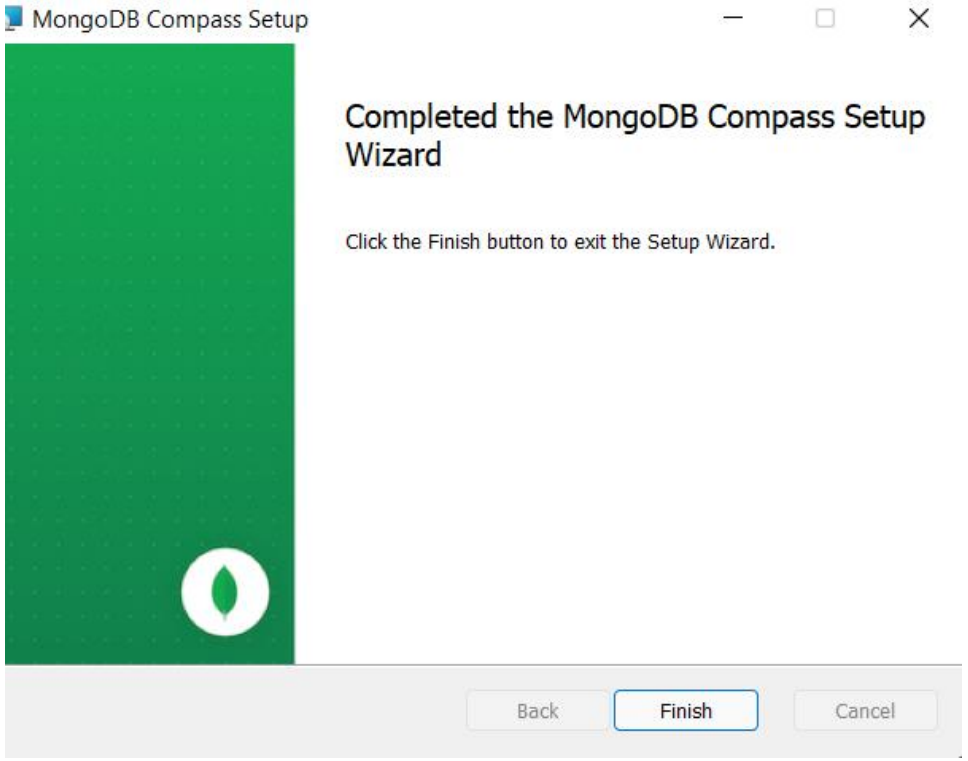
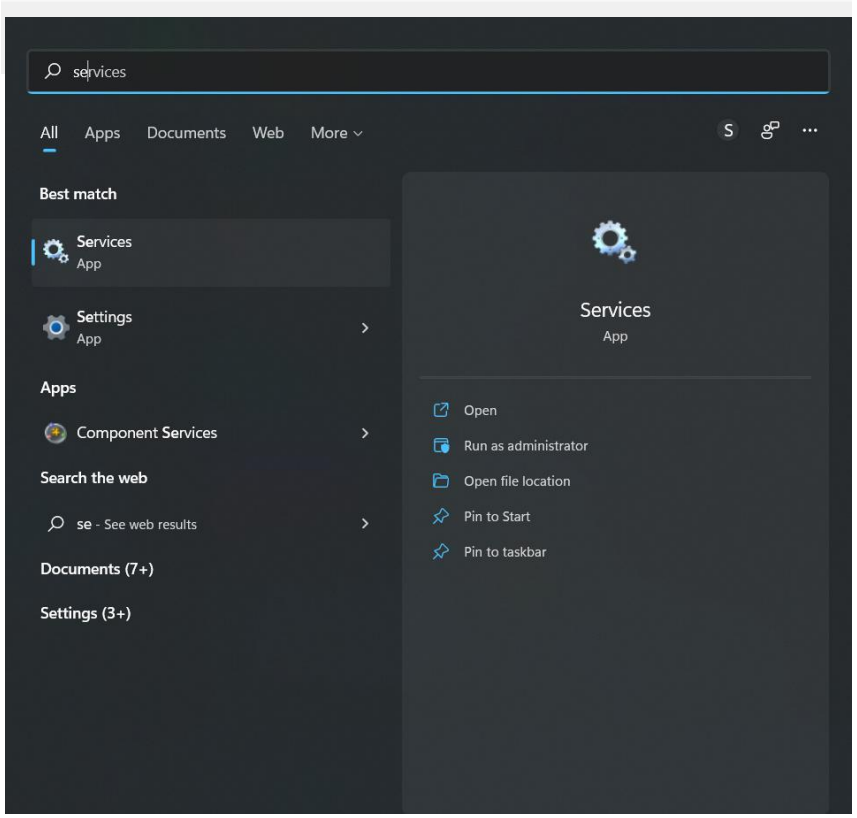
Documentation
Archived releases

Only msi type of file need to be downloaded and change platform according to PC's

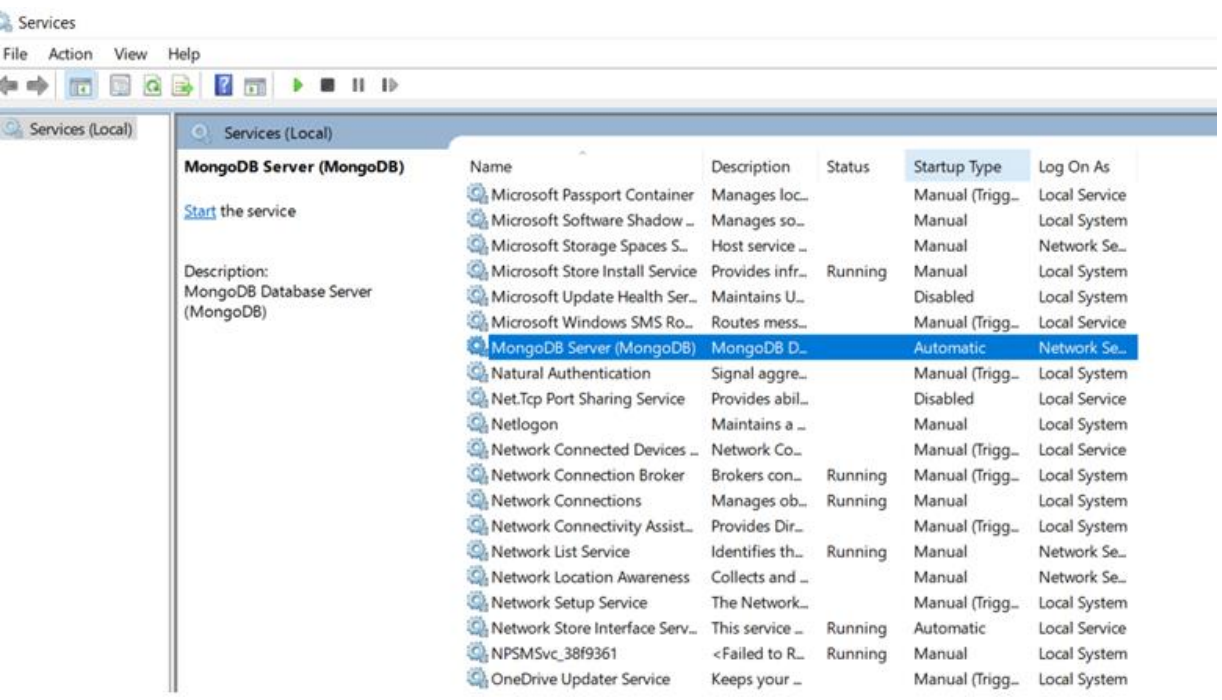


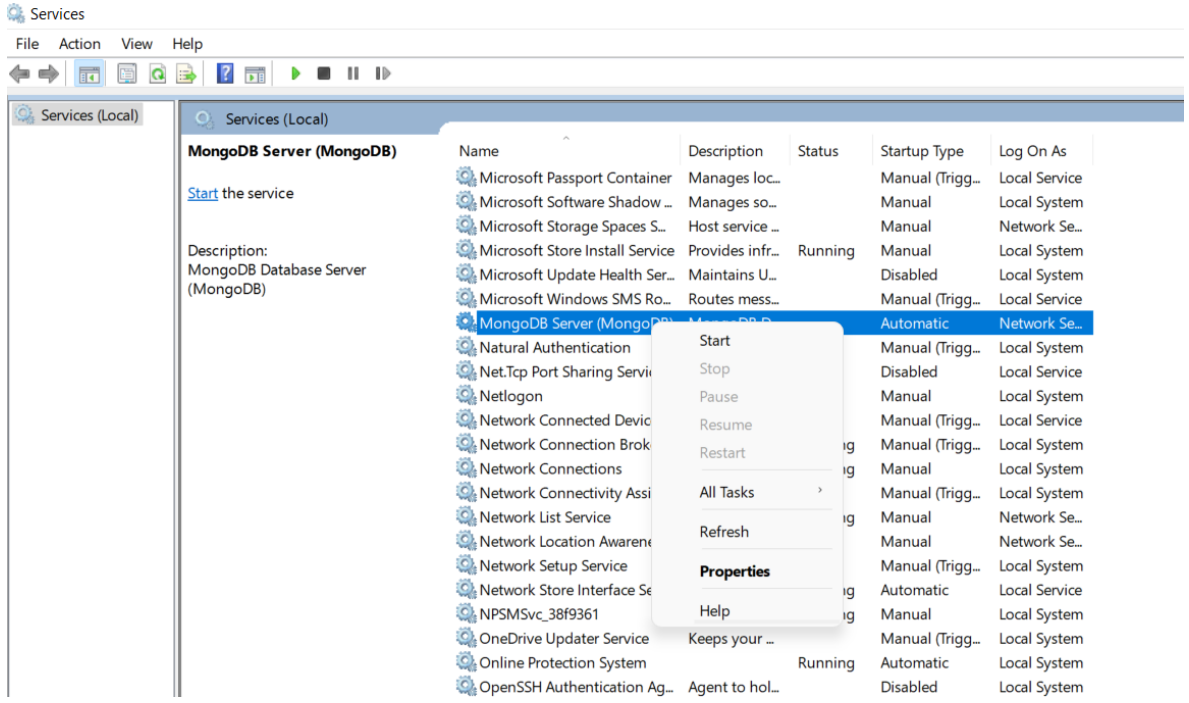
After completing download click >> Open And Click >> Next >> Complete >> Install >> Finish





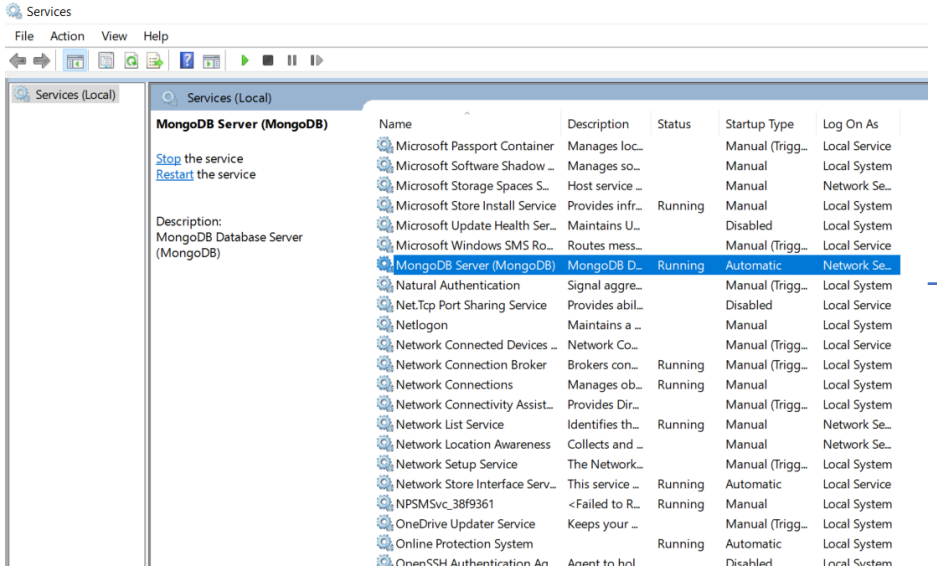
After installing all three files >> Search in Search bar >> Services





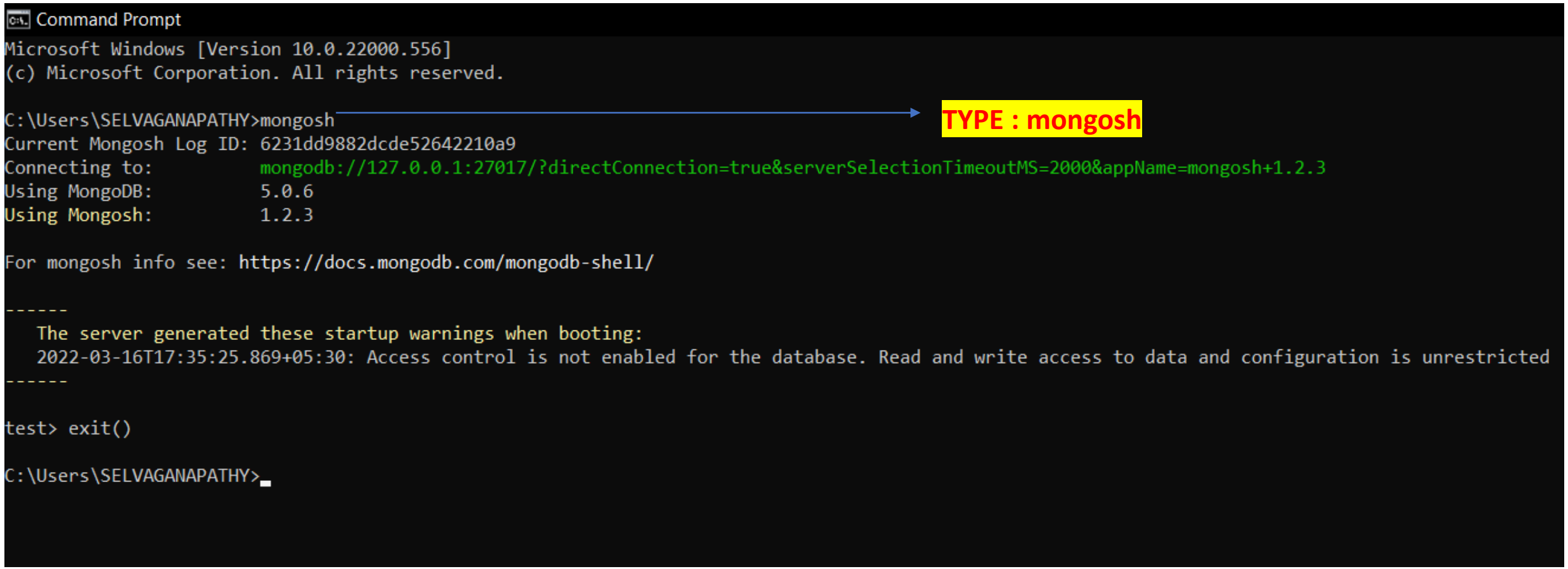
After installing MongoDB Server check here whether the server is running or not

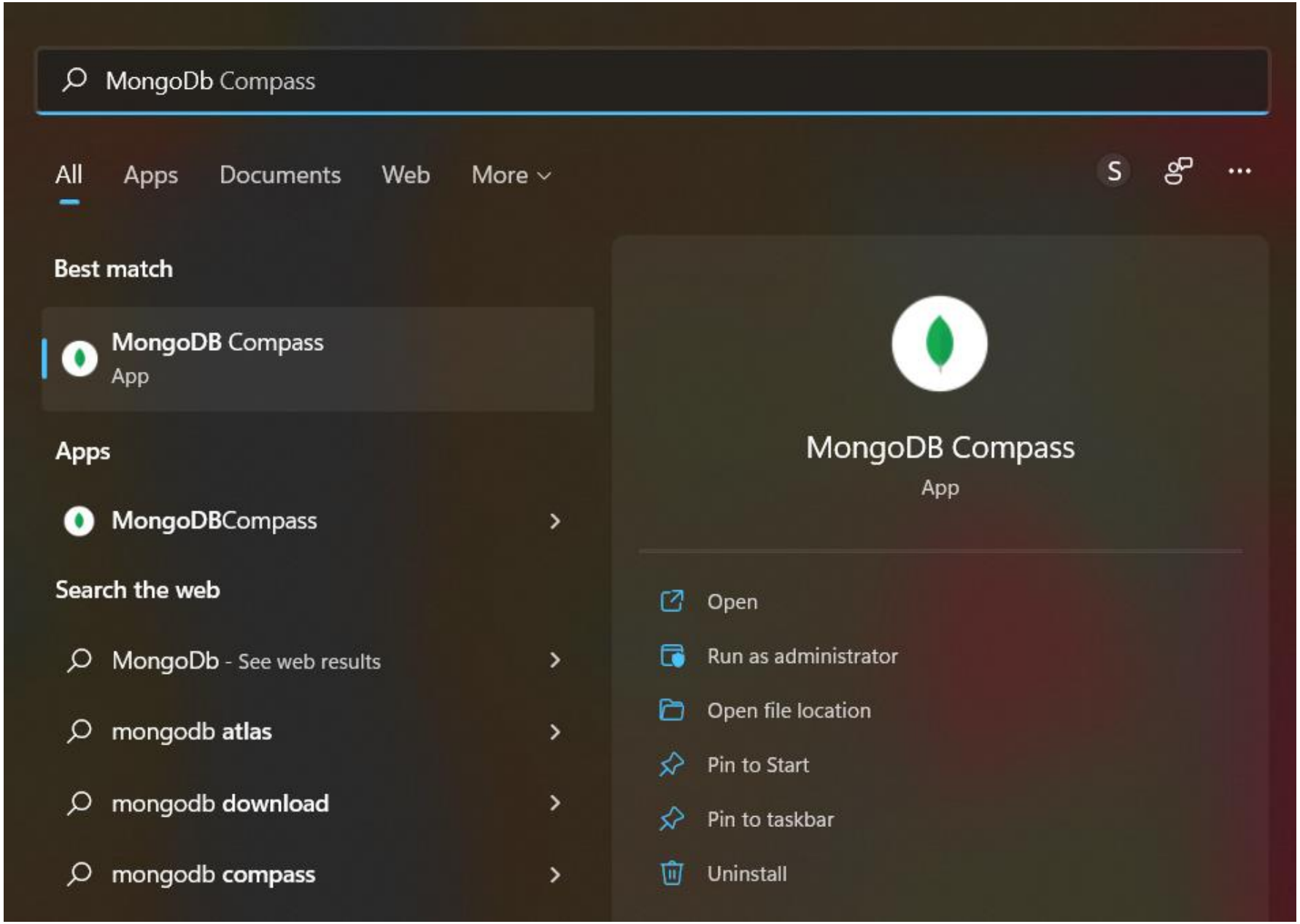
If it is not running keep the curser on MongoDB Server and Click >>Right >> Start



Running status will be shown

TO CHECK WHETHER MONGODB AND MONGODB SHELL INSTALLED

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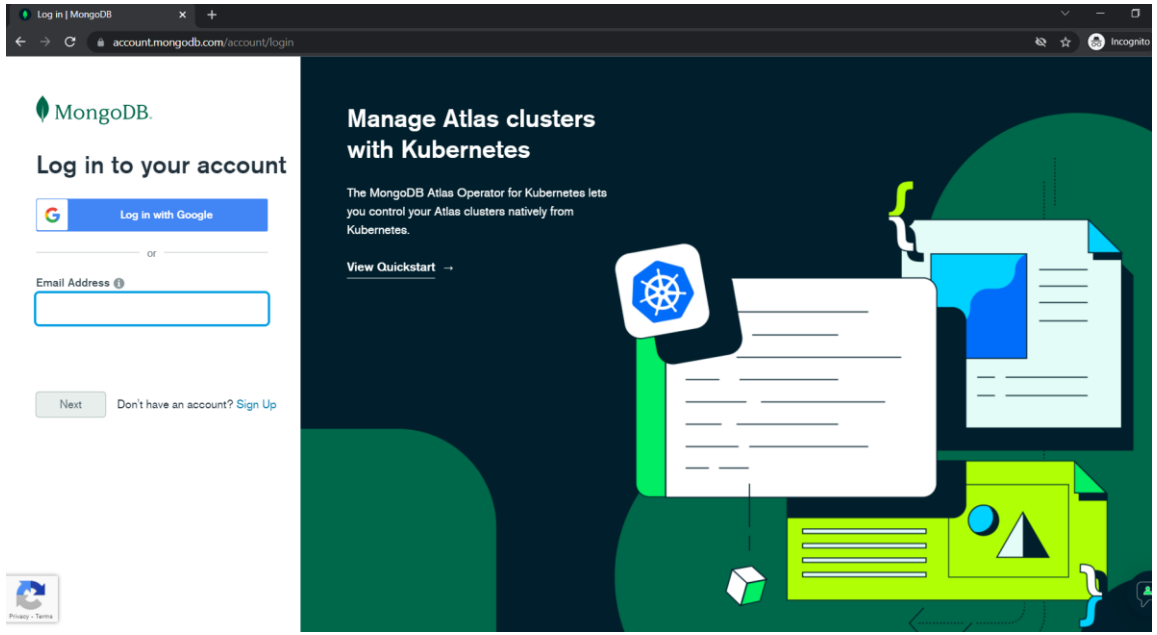
>> Open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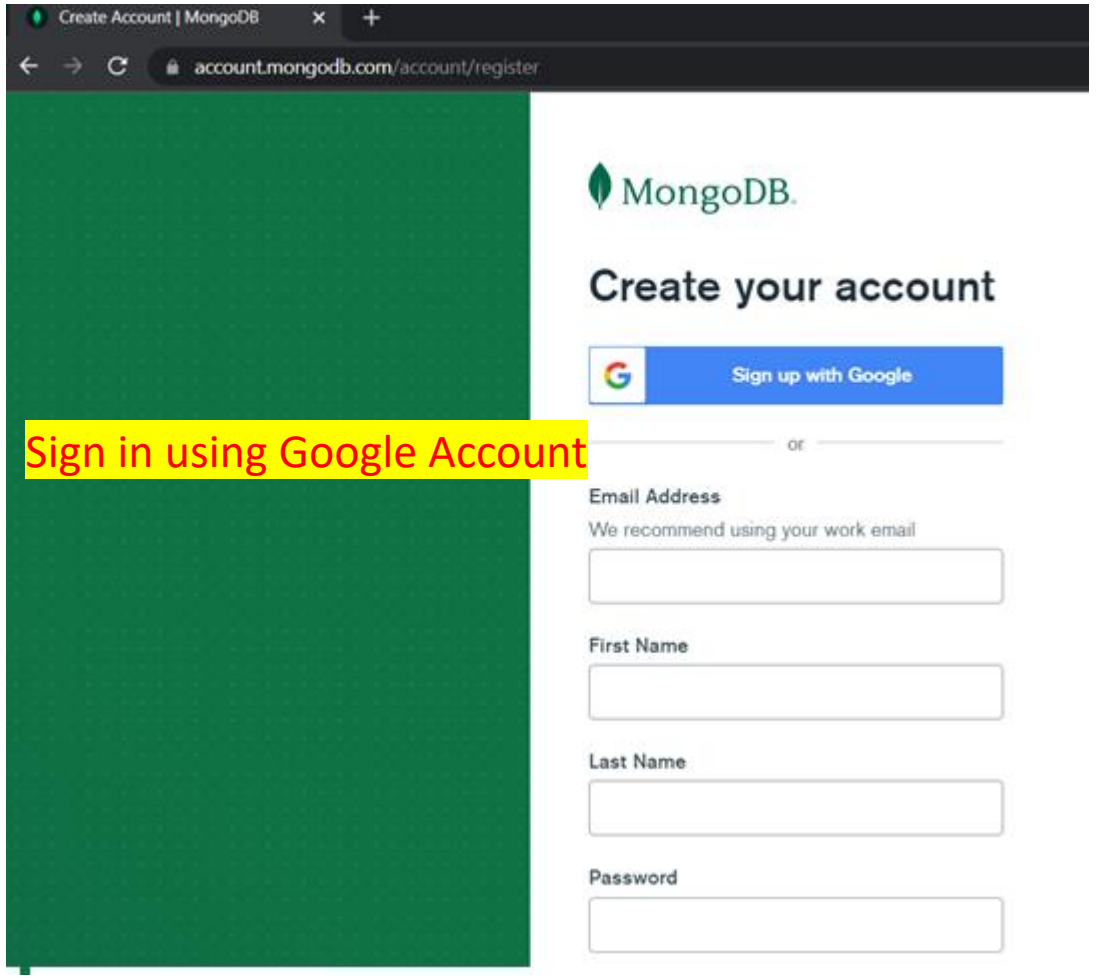
Manage Atlas clusters with Kubernetes
The MongoDB Atlas Operator for Kubernetes lets you control your Atlas clusters natively from Kubernetes.
View Quickstart →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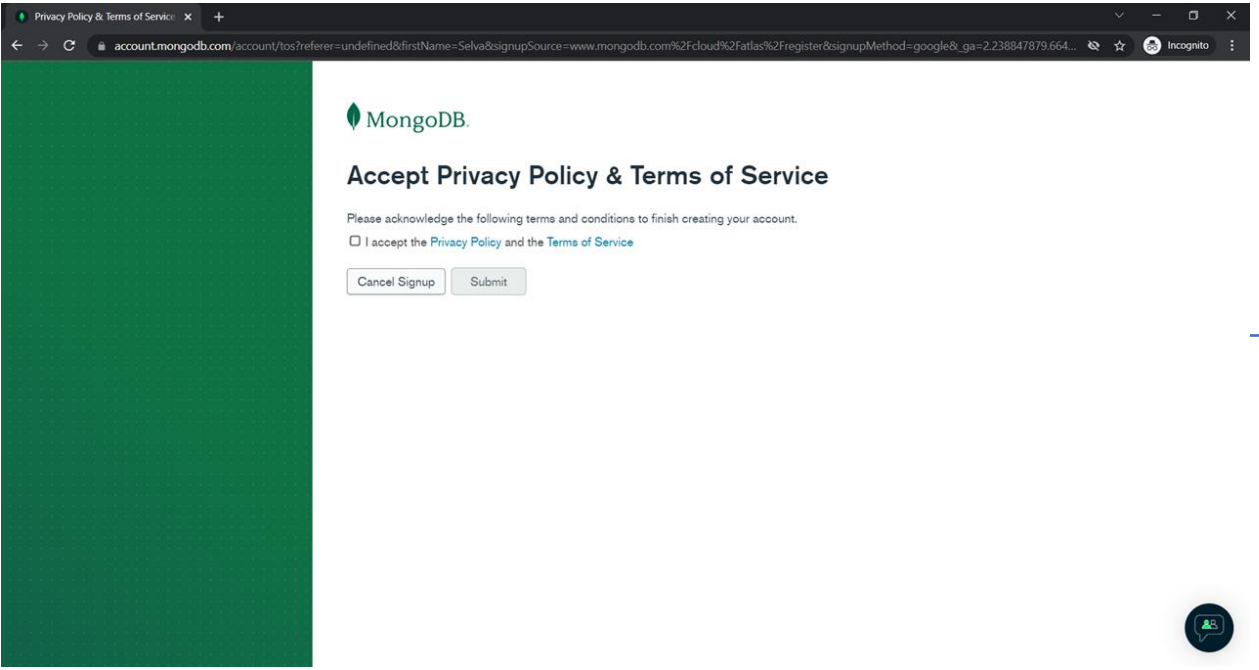
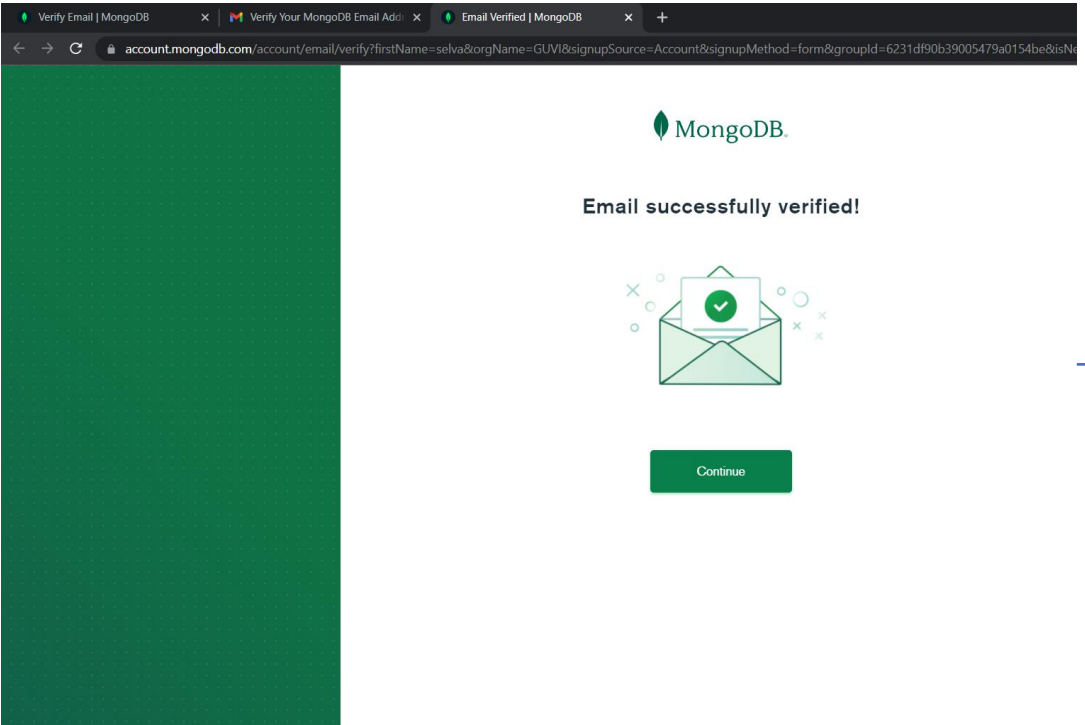


Accept terms and Click >> Submit



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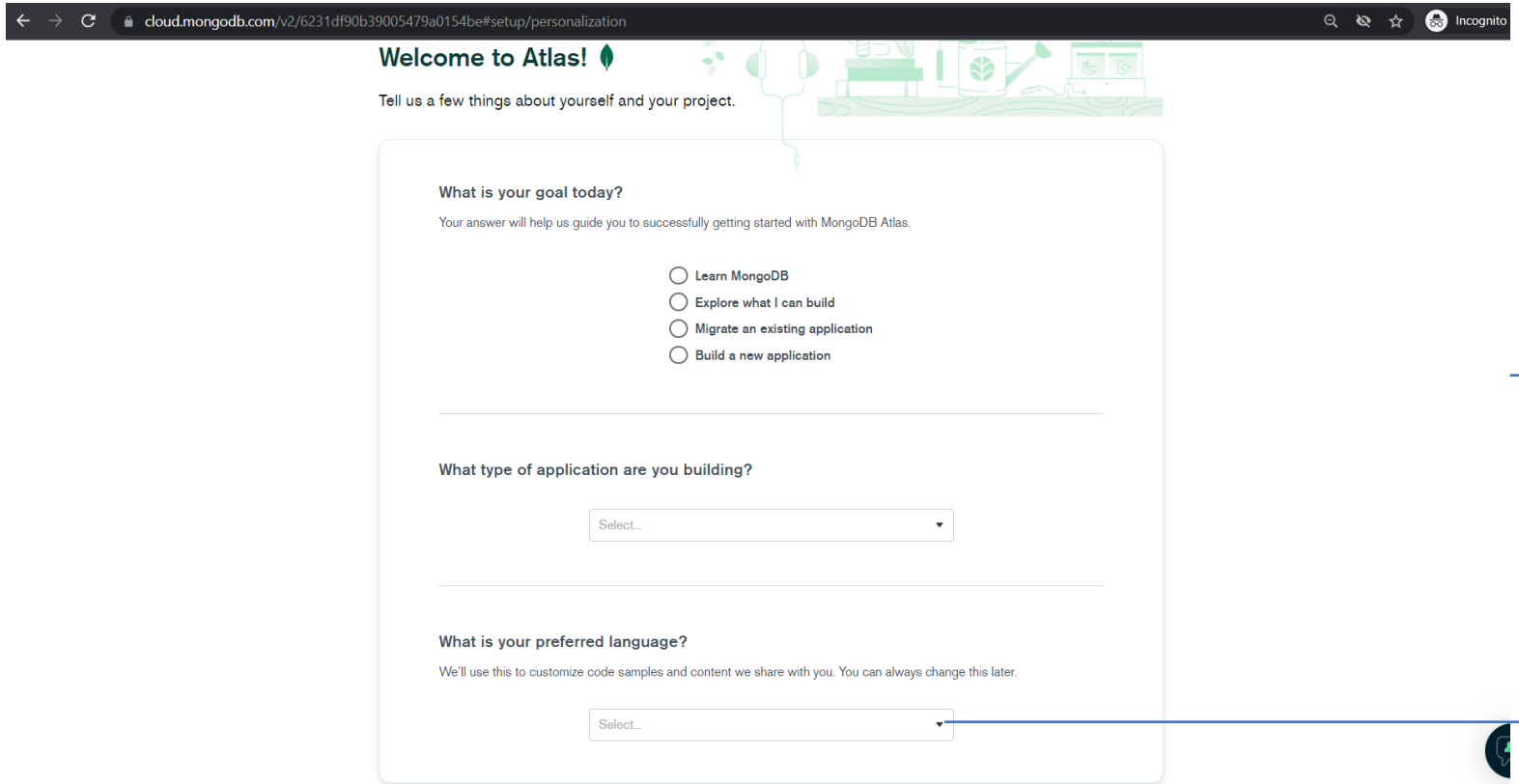
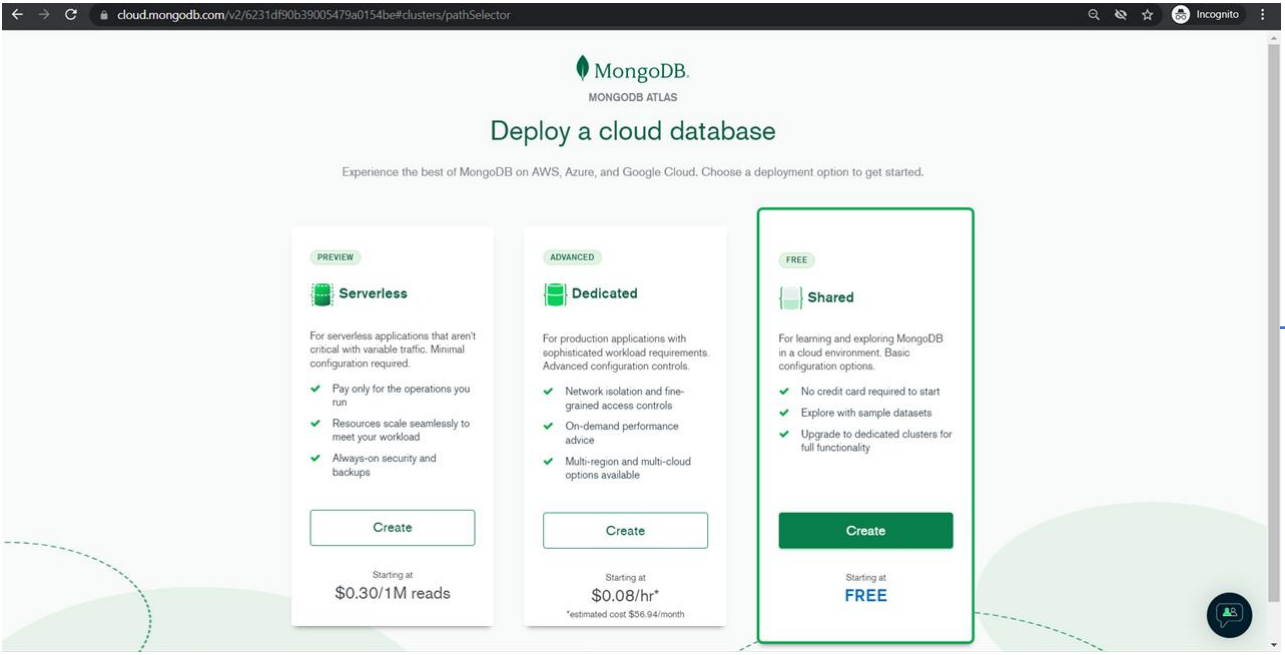
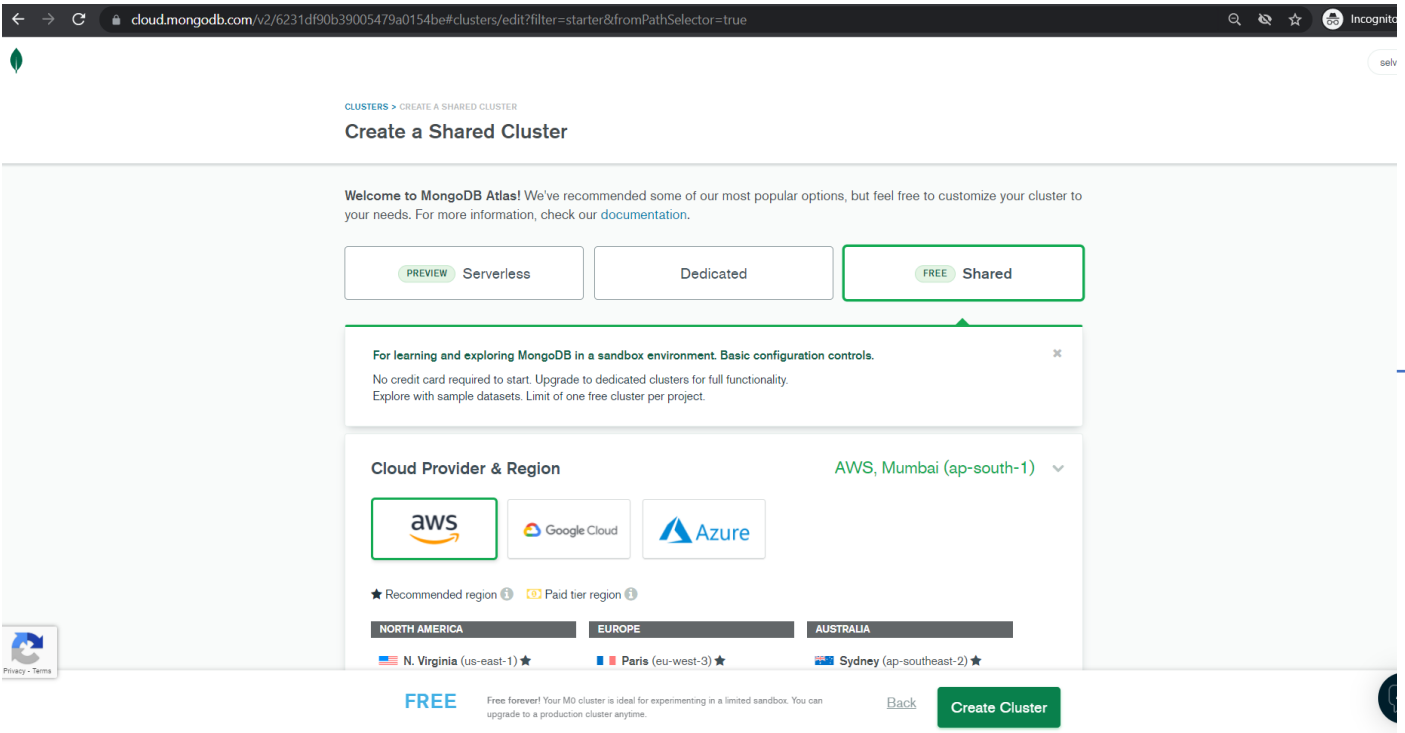


→ Fill accordingly and procced

→ Select: PYTHON AND CLICK >> FINISH



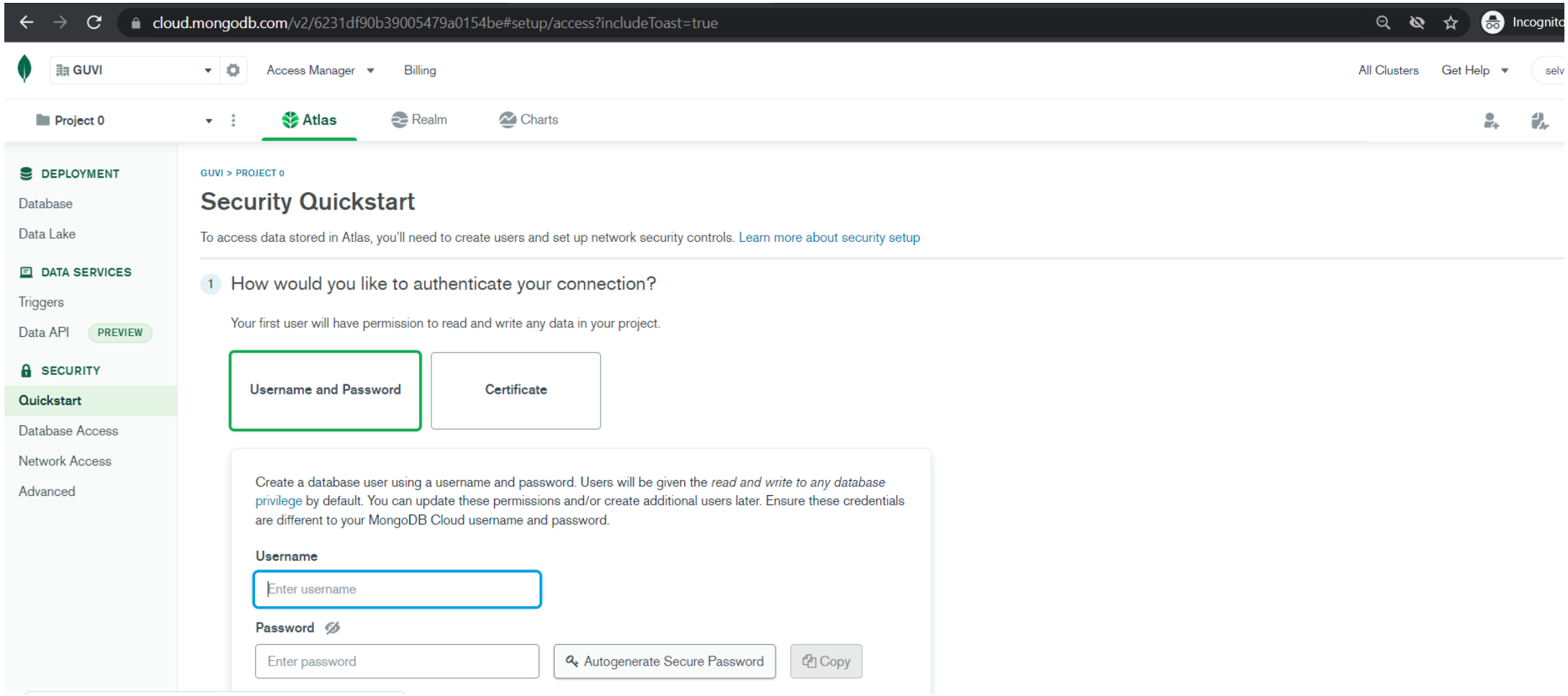
Select FREE and create



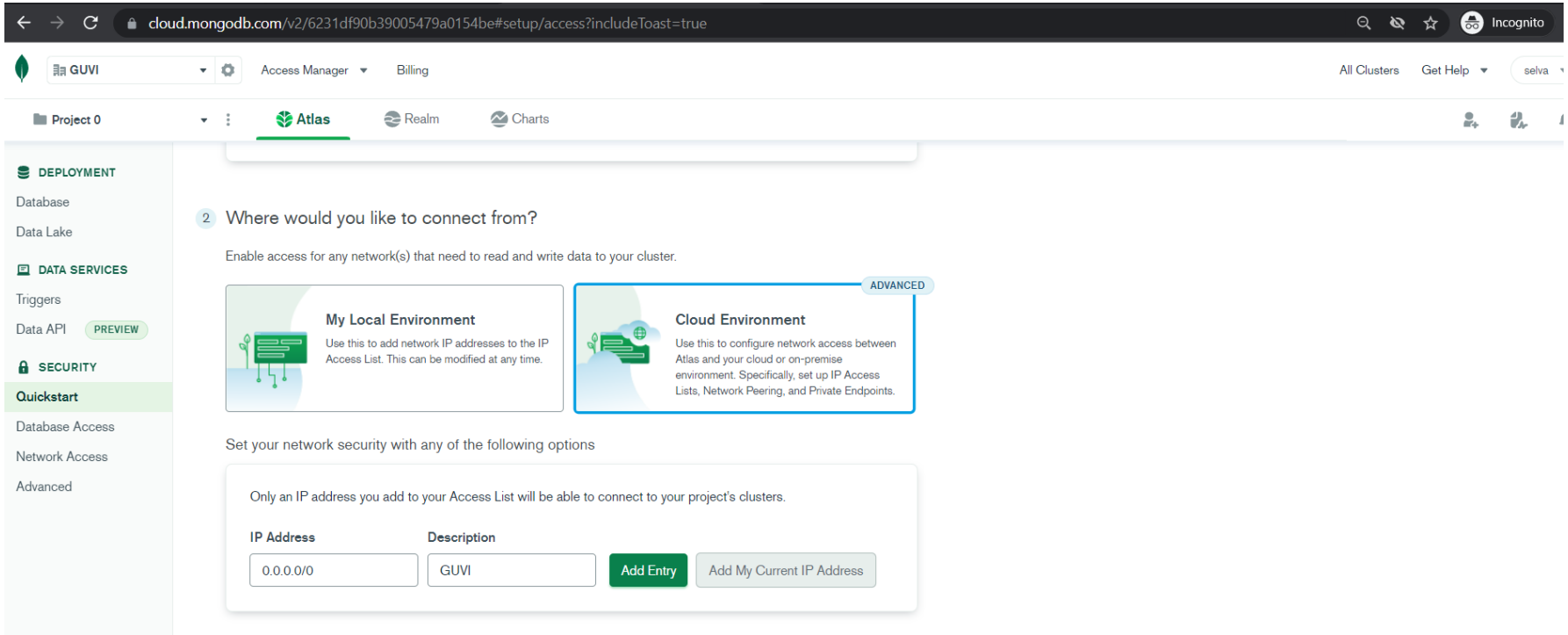
Don't the disturb default setting and Click >> Create Cluster

Default Options:

- AWS
- MUMBAI

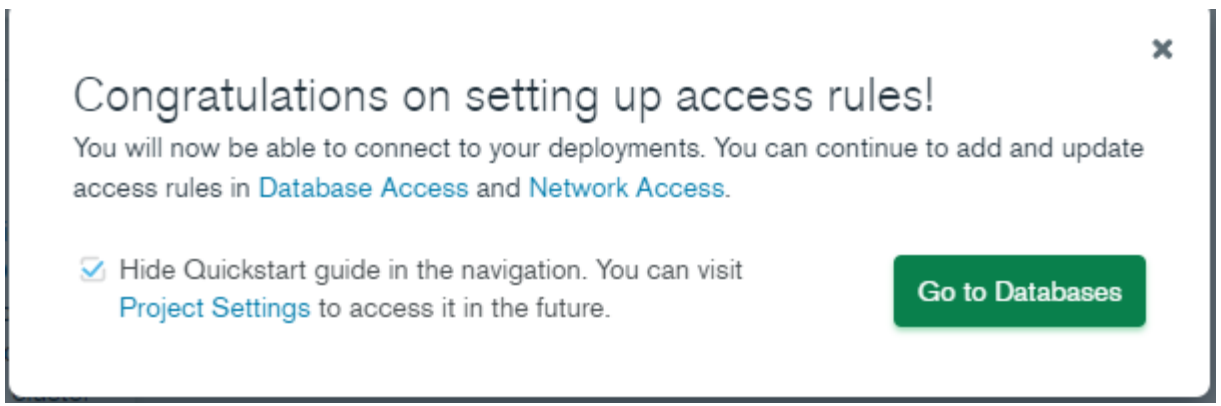


Create User_name and Password
and Click >> Create User
And Scroll Down

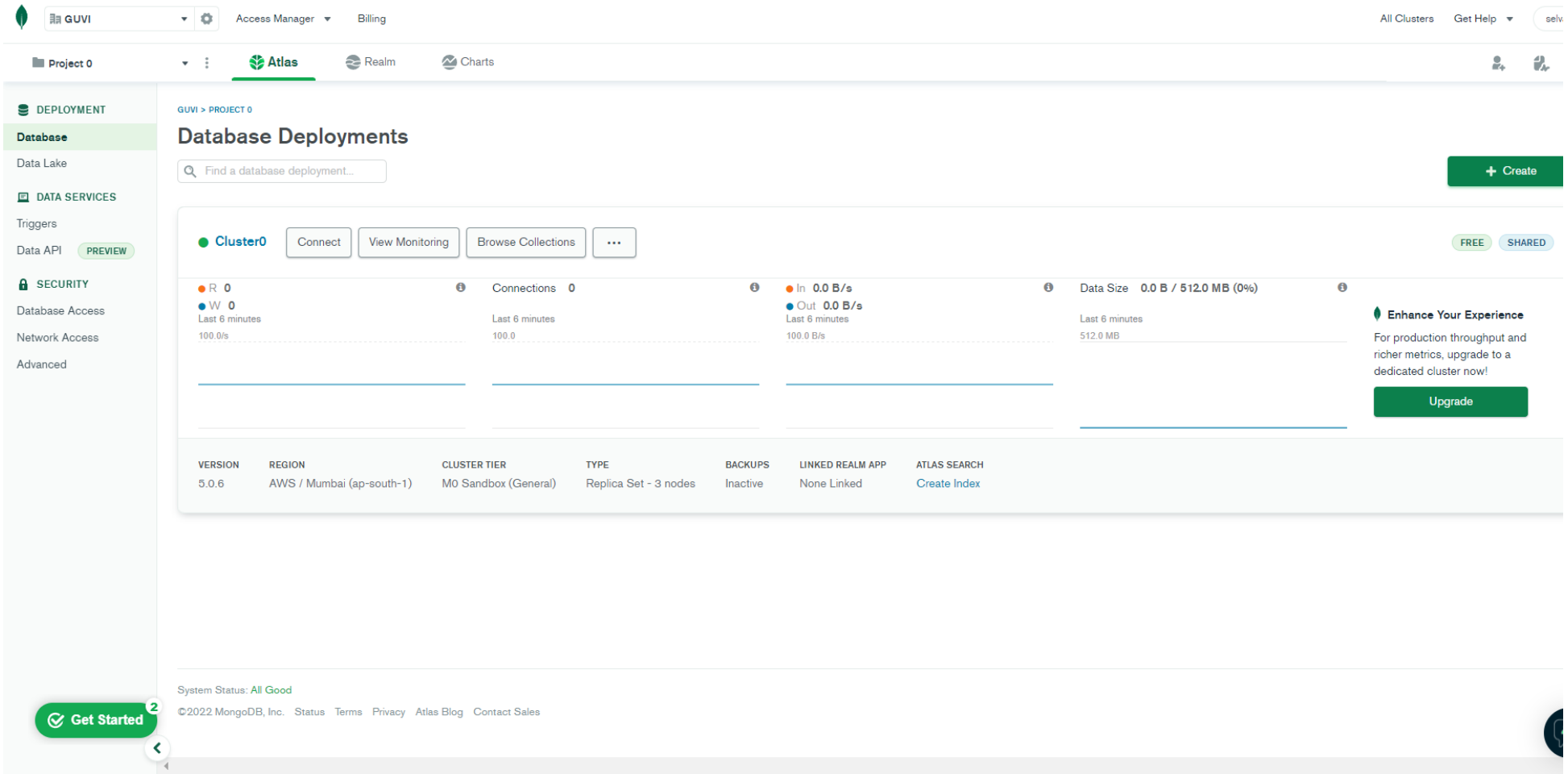


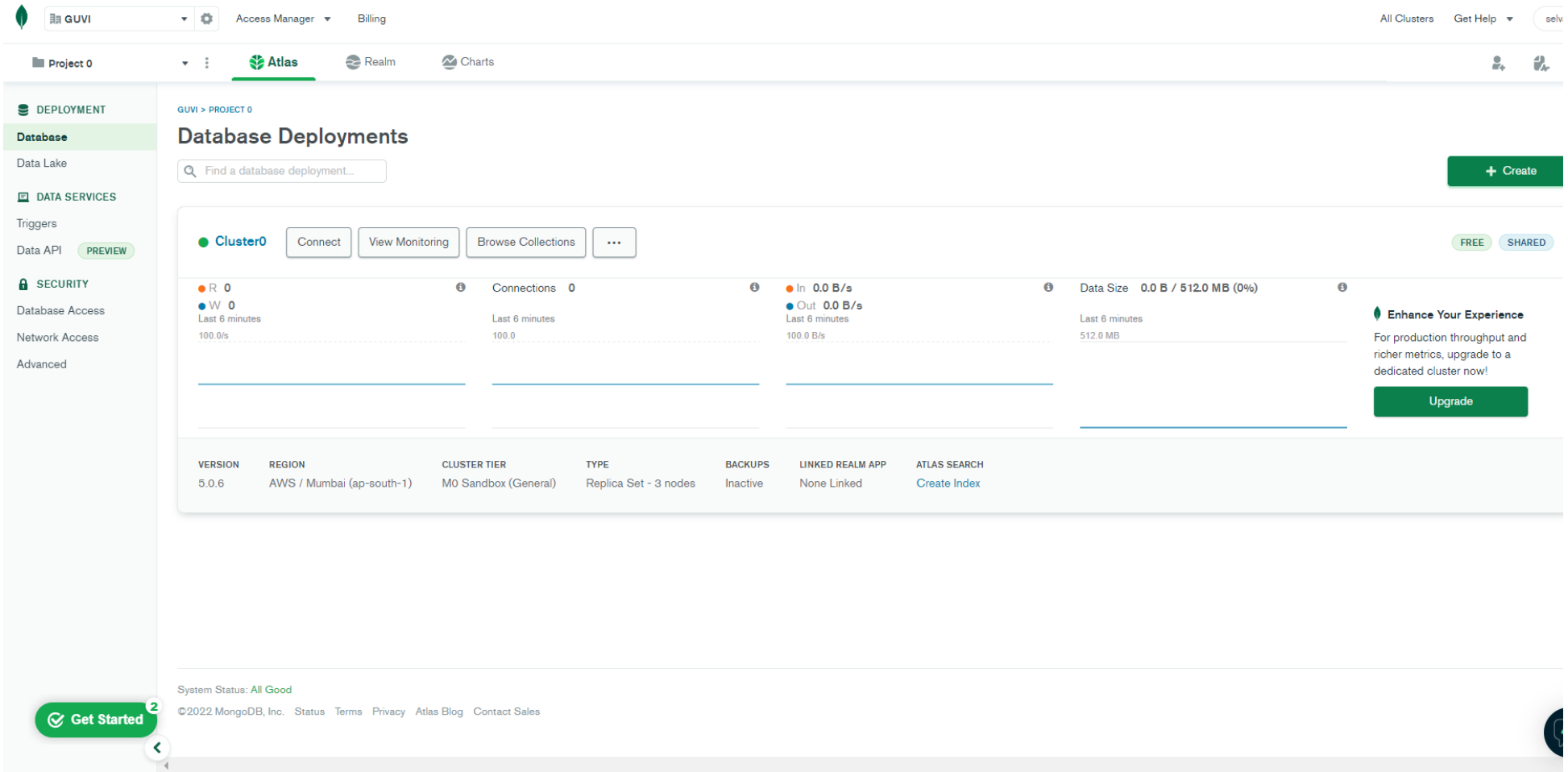
Add IP address as above or Add Current IP address by clicking >> Add My IP Address

And click Finish

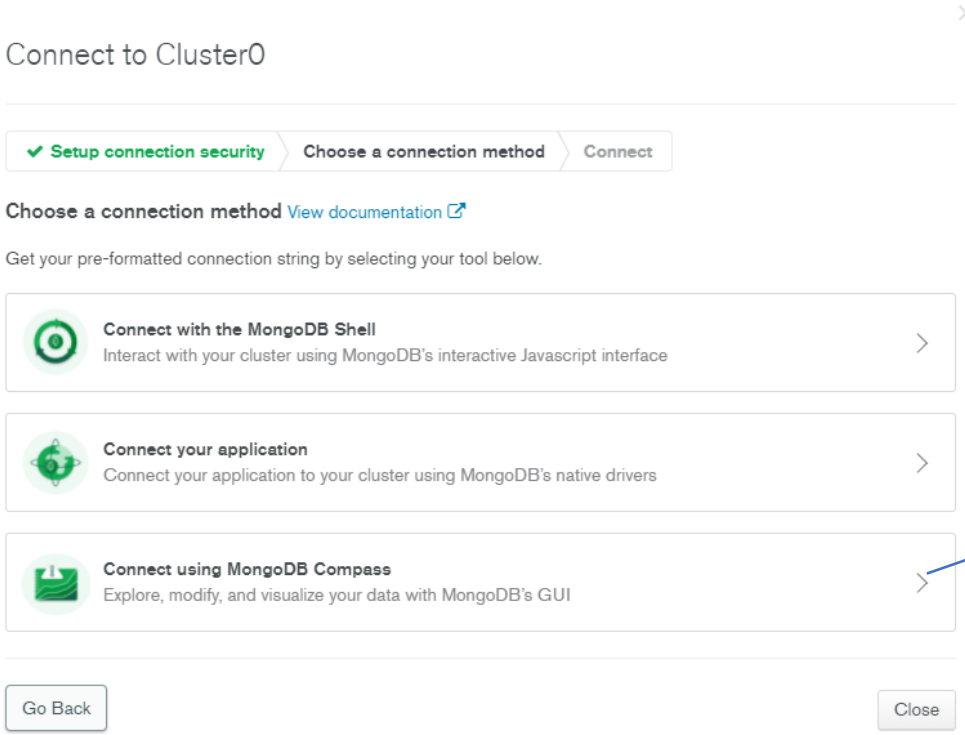


After Click >> Go to Database

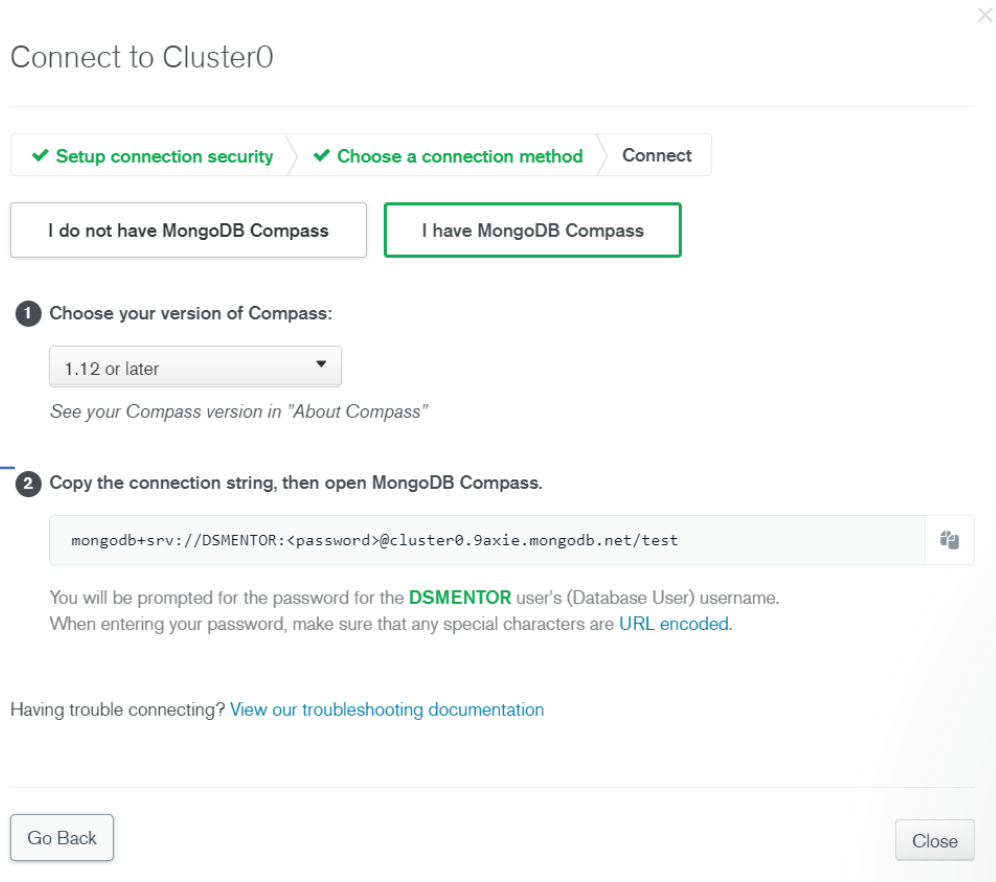




CLICK >> CONNECT

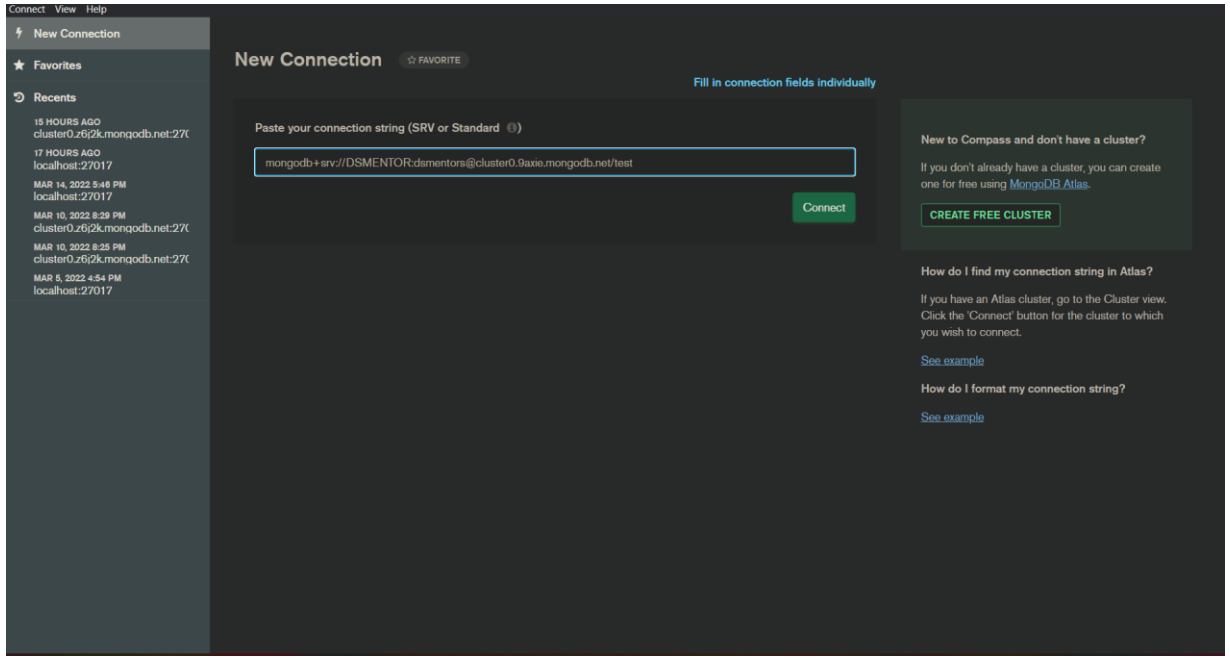


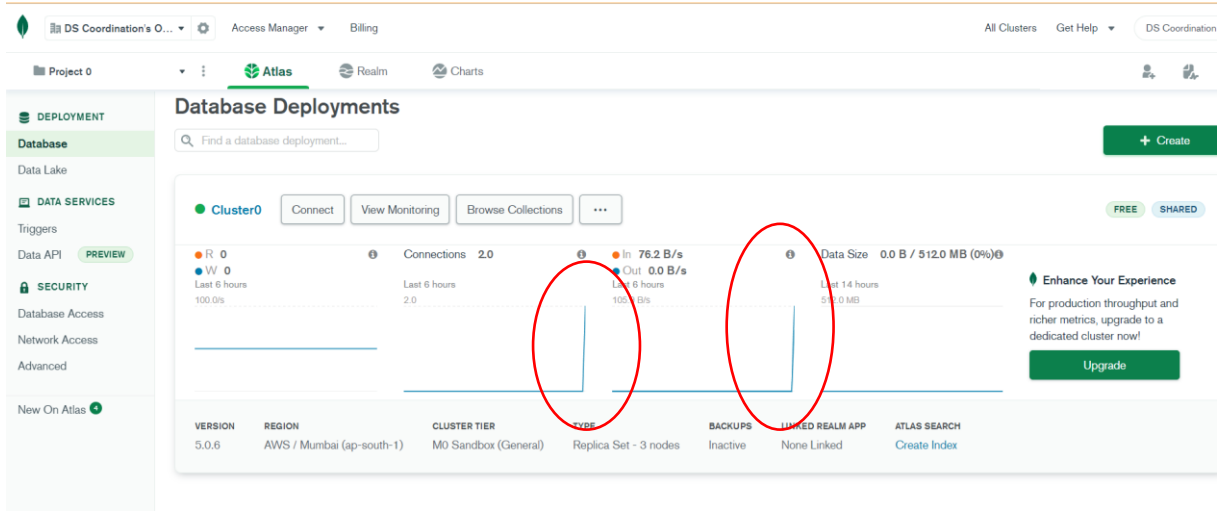
Click >> Connect your Compass



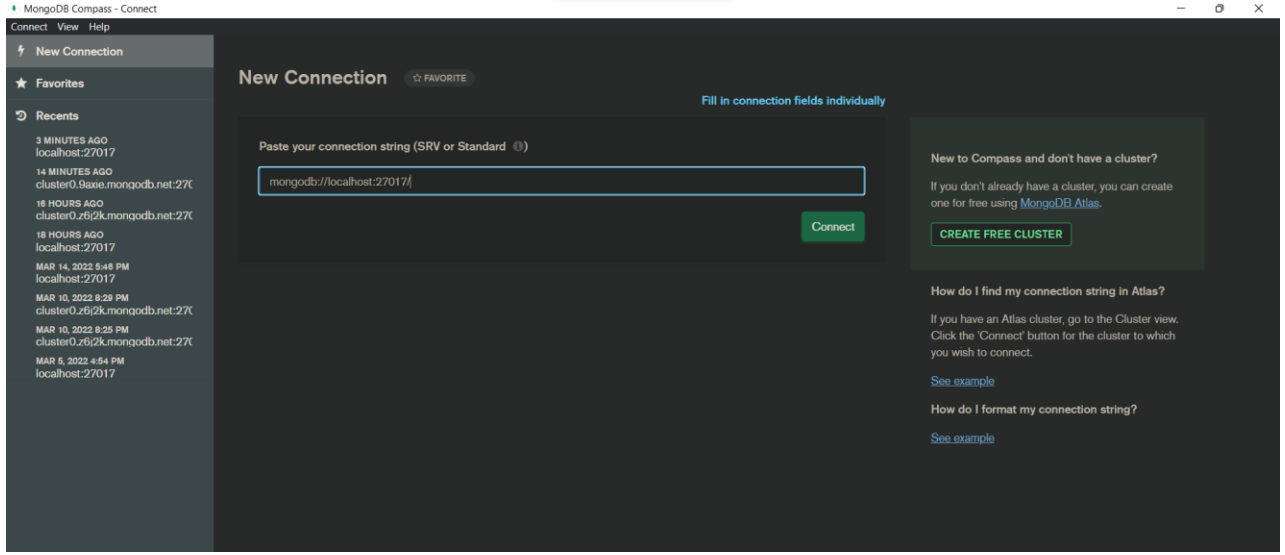
Choose as mentioned and copy that link

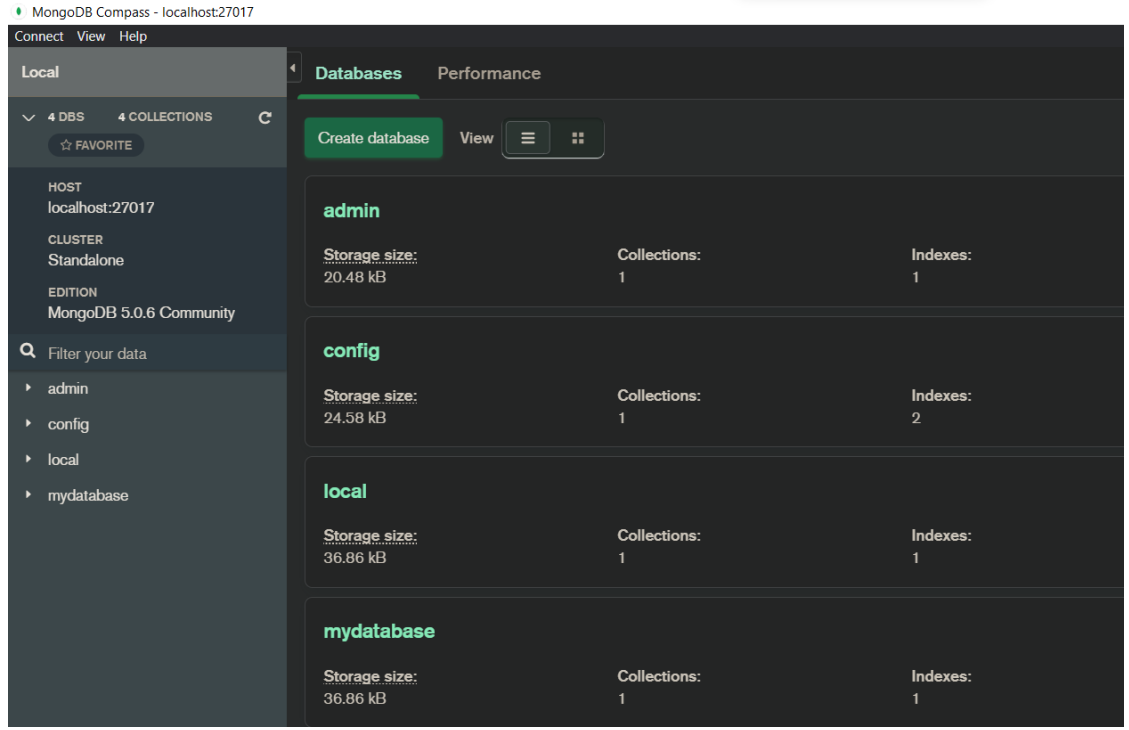
Copy and paste the link inside the application as New Connection

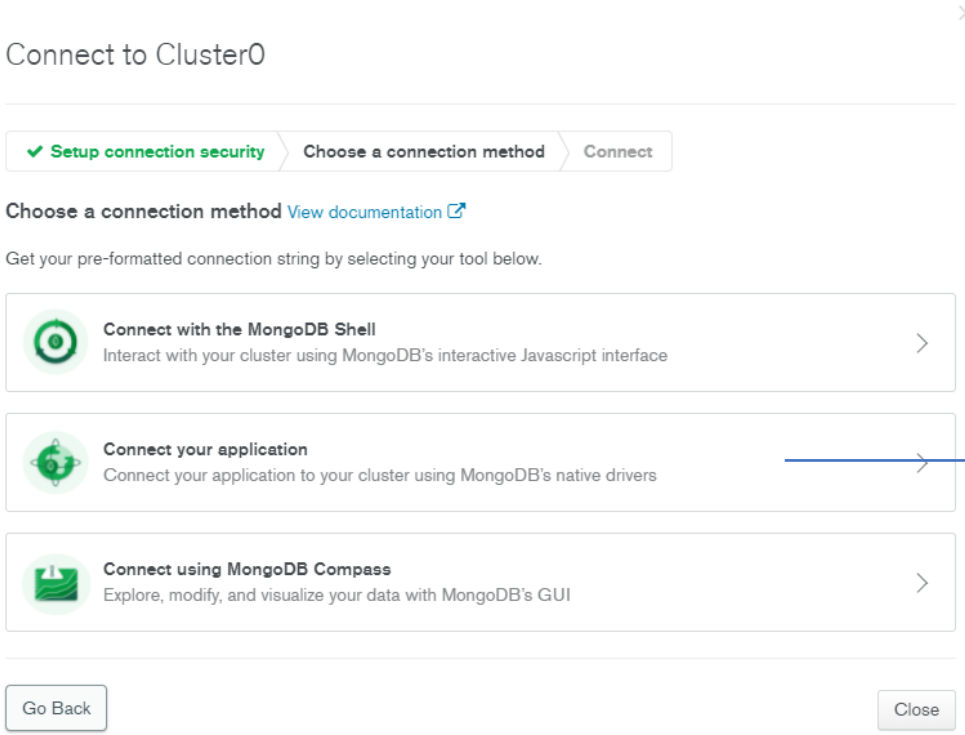




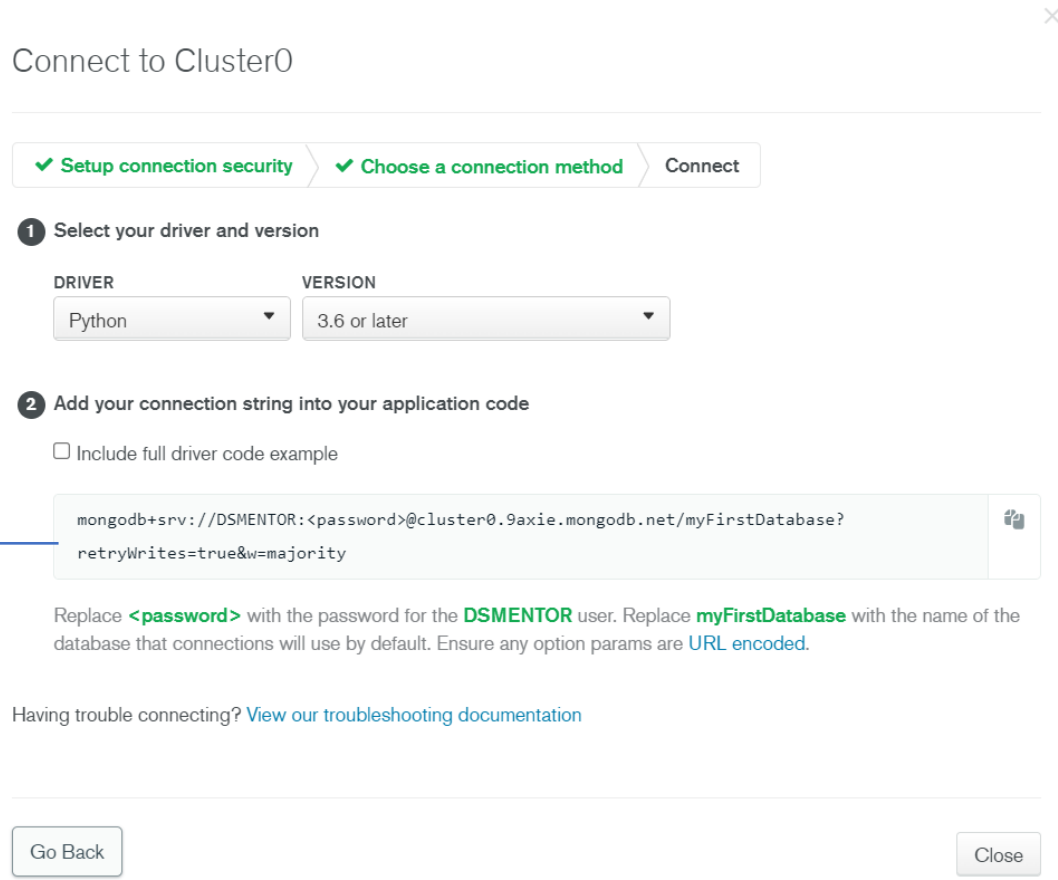
Link to get connect with local >> **mongodb://localhost:27017/**



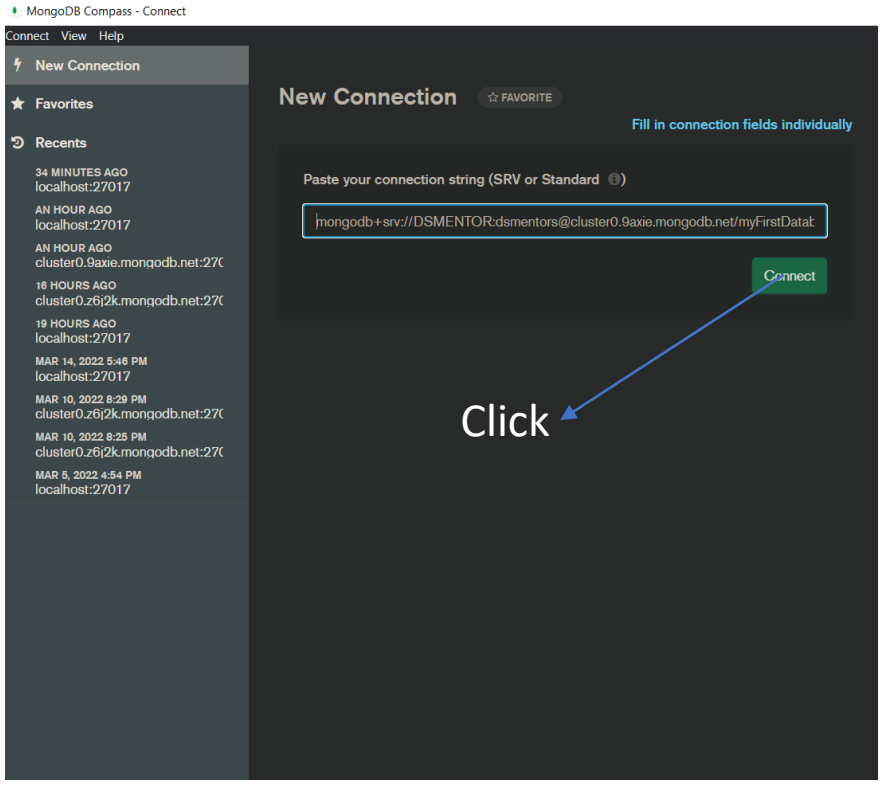


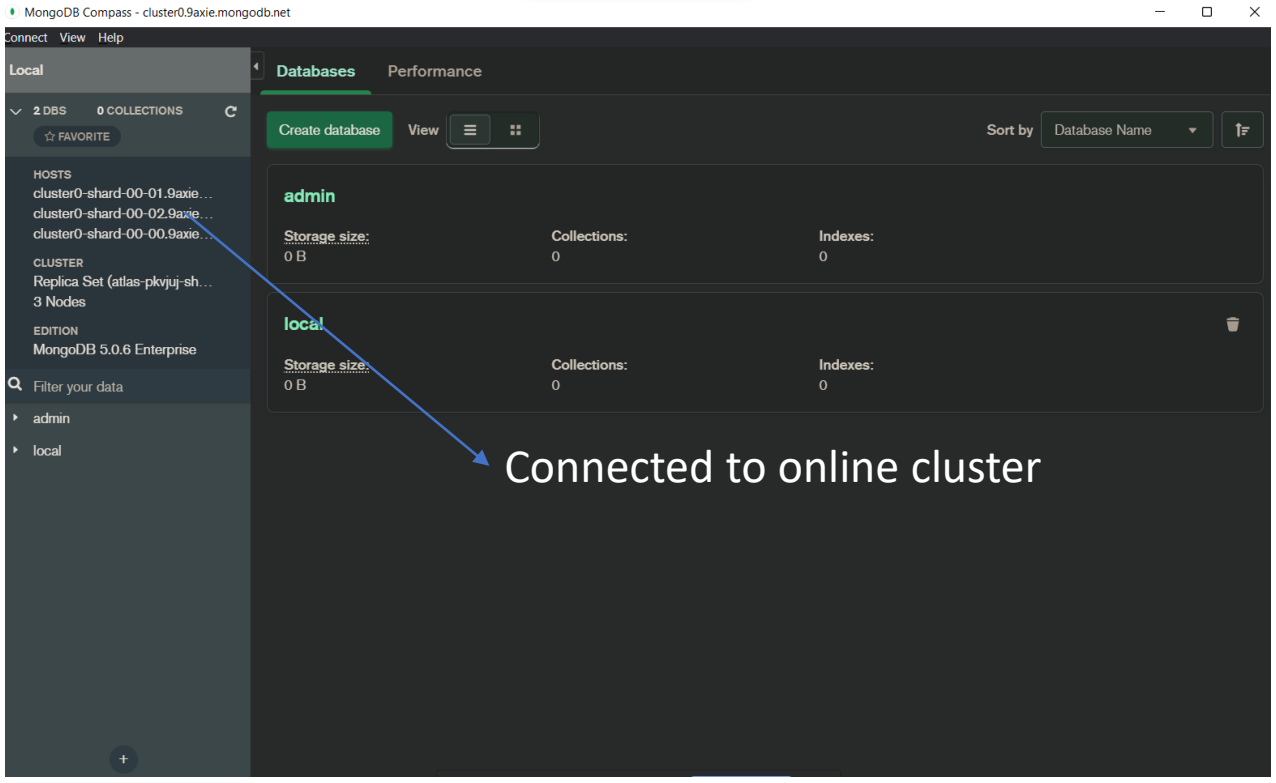


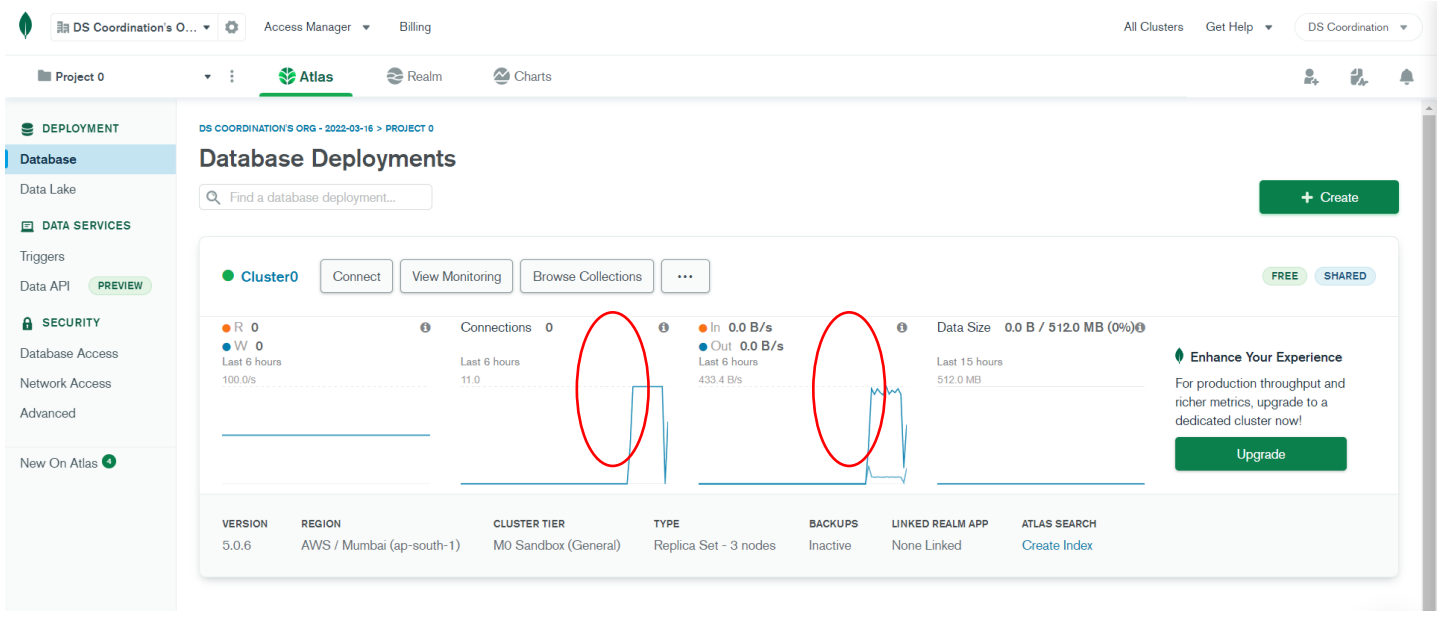
Click >> Connect your Application



Choose as mentioned and copy that link


MongoDB Compass - Connect
Connect View Help
New Connection
Favorites
Recents
34 MINUTES AGO
localhost:27017
AN HOUR AGO
localhost:27017
AN HOUR AGO
cluster0.9axie.mongodb.net:27(
16 HOURS AGO
cluster0.z6j2k.mongodb.net:27(
19 HOURS AGO
localhost:27017
MAR 14, 2022 5:46 PM
localhost:27017
MAR 10, 2022 8:29 PM
cluster0.z6j2k.mongodb.net:27(
MAR 10, 2022 8:25 PM
cluster0.z6j2k.mongodb.net:27(
MAR 5, 2022 4:54 PM
localhost:27017
New Connection
FAVORITE
Fill in connection fields individually
Paste your connection string (SRV or Standard)
mongodb+srv://DSMENTOR:dsmentors@cluster0.9axie.mongodb.net/myFirstDatat
Connect
Click


MongoDB Compass - cluster0.9axie.mongodb.net
Connect View Help
Local
2 DBS 0 COLLECTIONS
FAVORITE
HOSTS
cluster0-shard-00-01.9axie...
cluster0-shard-00-02.9axie...
cluster0-shard-00-00.9axie...
CLUSTER
Replica Set (atlas-pkvjuj-sh...
3 Nodes
EDITION
MongoDB 5.0.6 Enterprise
Filter your data
admin
local
Databases
Performance
Create database
View
Sort by
Database Name
admin
Storage size:
0 B
Collections:
0
Indexes:
0
local
Storage size:
0 B
Collections:
0
Indexes:
0
Connected to online cluster


DS Coordination's O...
Access Manager
Billing
All Clusters
Get Help
DS Coordination
Project 0
Atlas
Realm
Charts
DEPLOYMENT
Database
Data Lake
DATA SERVICES
Triggers
Data API
PREVIEW
SECURITY
Database Access
Network Access
Advanced
New On Atlas
DS COORDINATION'S ORG - 2022-03-16 > PROJECT 0
Database Deployments
Find a database deployment...
Create
Cluster0
Connect
View Monitoring
Browse Collections
FREE
SHARED
R 0
W 0
Last 6 hours
Connections 0
Last 6 hours
In 0.0 B/s
Out 0.0 B/s
Last 6 hours
Data Size 0.0 B / 512.0 MB (0%)
Last 15 hours
Enhance Your Experience
For production throughput and richer metrics, upgrade to a dedicated cluster now!
Upgrade
VERSION
5.0.6
REGION
AWS / Mumbai (ap-south-1)
CLUSTER TIER
M0 Sandbox (General)
TYPE
Replica Set - 3 nodes
BACKUPS
Inactive
LINKED REALM APP
None Linked
ATLAS SEARCH
Create Index

Connect your MongoDB application in LOCAL and CLOUD following steps are below:

To get connect with Local Host >> Link >> **`mongodb://localhost:27017/`**

Write a code in IDE to install pymongo

In [1]:
```
!pip install dnspython
!pip install pymongo[srv]
```

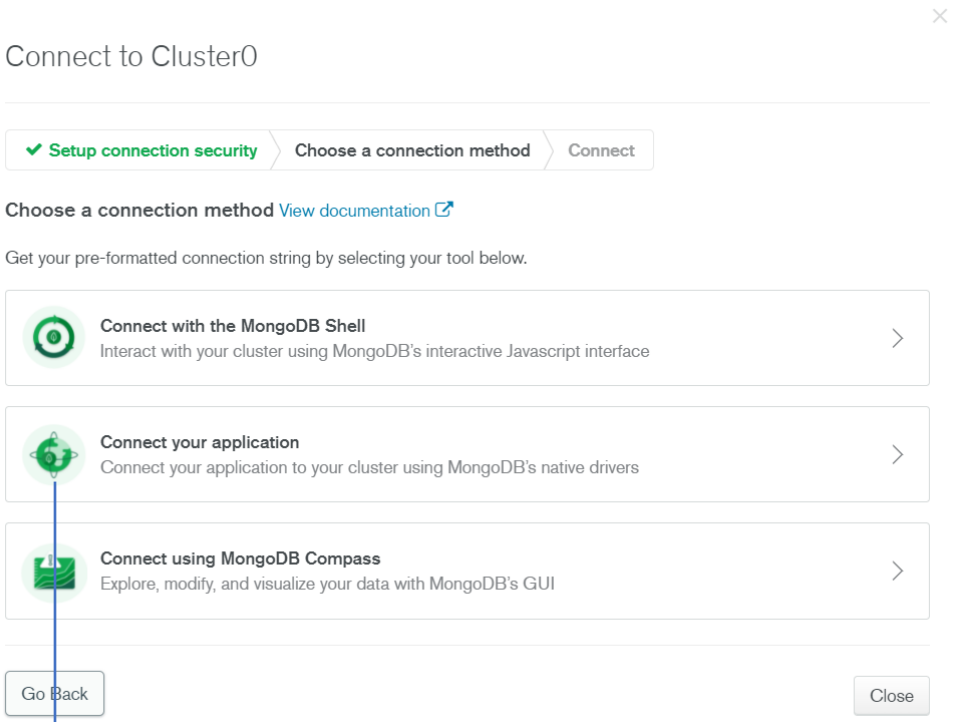
```
Requirement already satisfied: dnspython in c:\users\selvaganapathy\anaconda3\lib\site-packages (2.2.1)
Requirement already satisfied: pymongo[srv] in c:\users\selvaganapathy\anaconda3\lib\site-packages (4.0.2)
Requirement already satisfied: dnspython<3.0.0,>=1.16.0 in c:\users\selvaganapathy\anaconda3\lib\site-packages (from pymongo[sr
v]) (2.2.1)
```

In [10]:
```
import pymongo
client= pymongo.MongoClient("mongodb://localhost:27017/")
```

In [11]:
```
client.list_database_names()
```

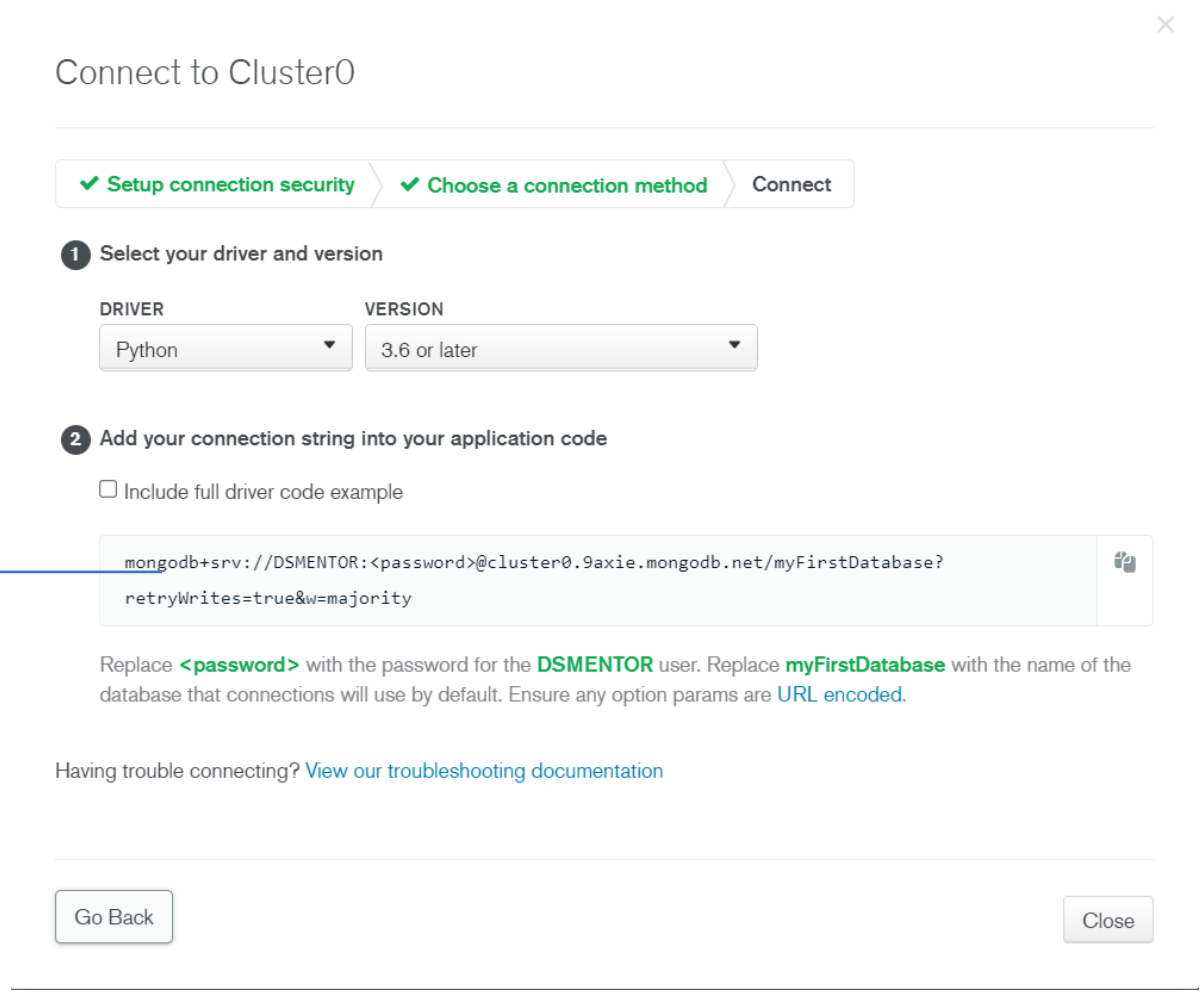
Out[11]:
```
['admin', 'config', 'local', 'mydatabase']
```

GET THE LINK FROM MONGODB ATLAS



Click Your Application

Copy link and paste in application



Paste the link in IDE and

In [13]:
```
!pip install dnspython
!pip install pymongo[srv]
```

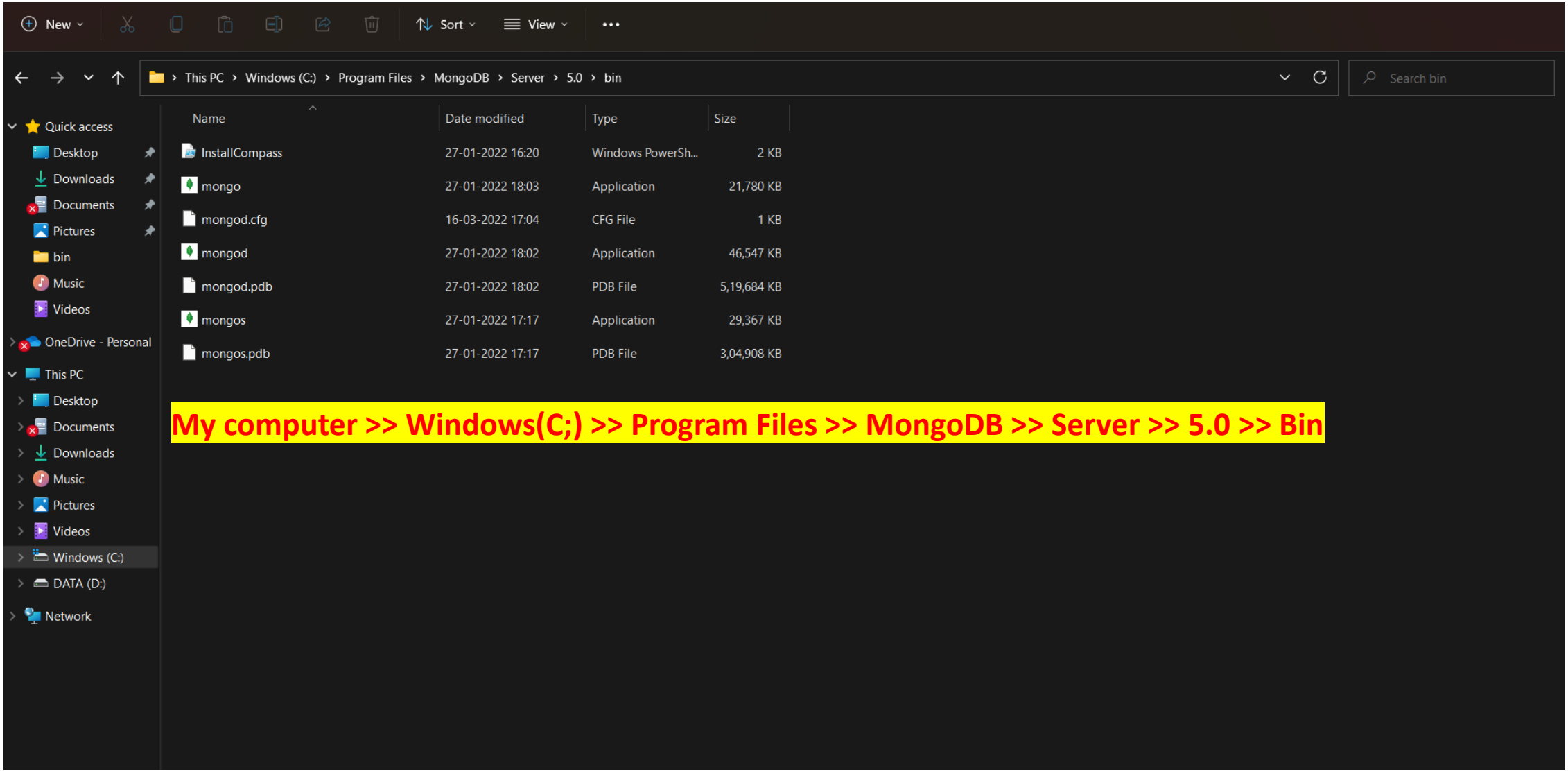
```
Requirement already satisfied: dnspython in c:\users\selvaganapathy\anaconda3\lib\site-packages (2.2.1)
Requirement already satisfied: pymongo[srv] in c:\users\selvaganapathy\anaconda3\lib\site-packages (4.0.2)
Requirement already satisfied: dnspython<3.0.0,>=1.16.0 in c:\users\selvaganapathy\anaconda3\lib\site-packages (from pymongo[sr
v]) (2.2.1)
```

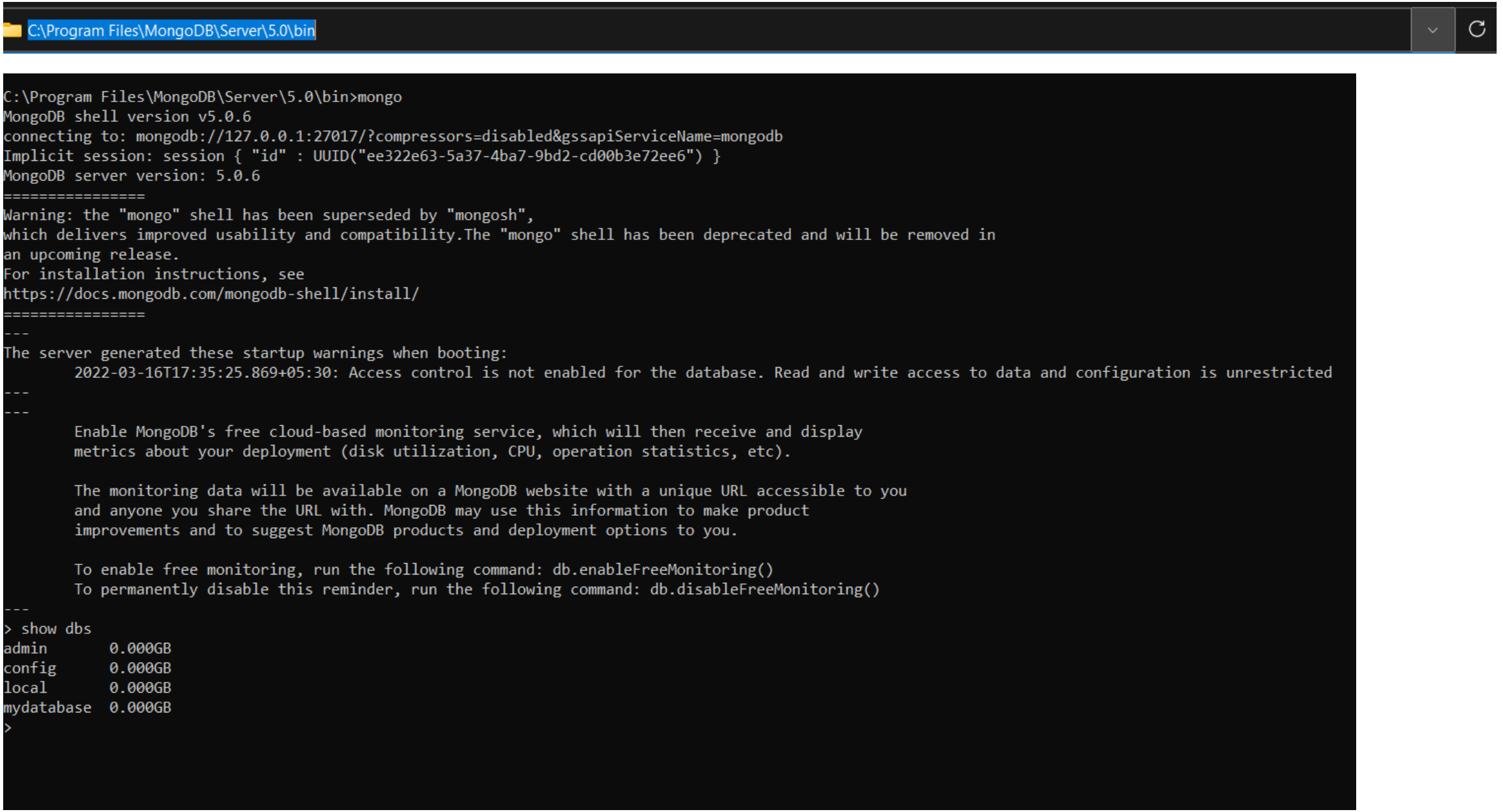
In [14]:
```
import pymongo
client= pymongo.MongoClient("mongodb+srv://DSMENTOR:dsmentor@cluster0.9axie.mongodb.net/myFirstDatabase?retryWrites=true&w=majori
```

In [15]:
```
client.list_database_names()
```

Out[15]:
```
['admin', 'local']
```

To connect MongoDB shell to local :

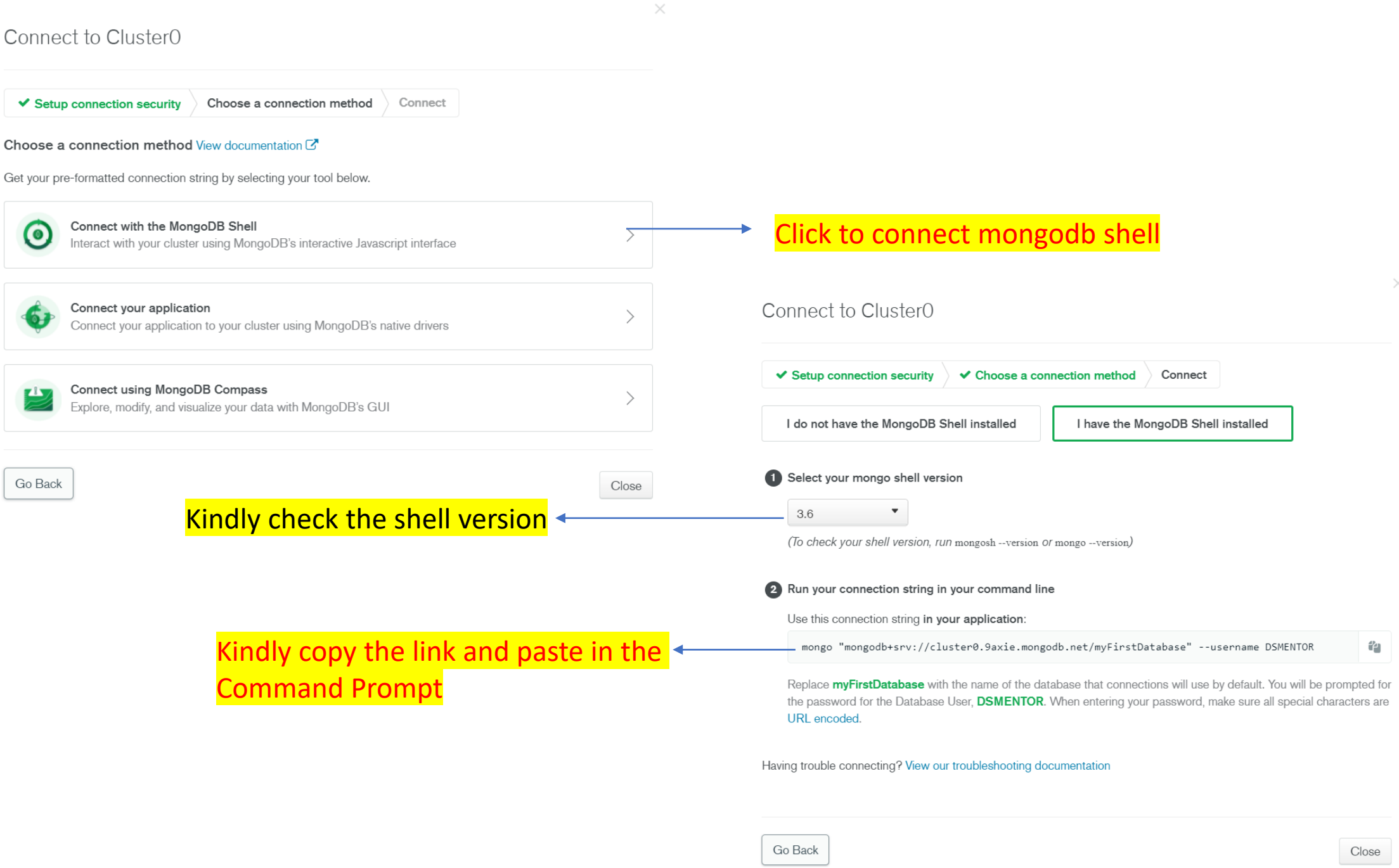



C:\Program Files\MongoDB\Server\5.0\bin
C:\Program Files\MongoDB\Server\5.0\bin>mongo
MongoDB shell version v5.0.6
connecting to: mongodb://127.0.0.1:27017/?compressors=disabled&gssapiServiceName=mongodb
Implicit session: session { "id" : UUID("ee322e63-5a37-4ba7-9bd2-cd00b3e72ee6") }
MongoDB server version: 5.0.6
==========
Warning: the "mongo" shell has been superseded by "mongosh",
which delivers improved usability and compatibility.The "mongo" shell has been deprecated and will be removed in
an upcoming release.
For installation instructions, see
https://docs.mongodb.com/mongodb-shell/install/
==========

The server generated these startup warnings when booting:
2022-03-16T17:35:25.869+05:30: 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
admin 0.000GB
config 0.000GB
local 0.000GB
mydatabase 0.000GB
>


Connect to Cluster0
Setup connection security
Choose a connection method
Connect
Choose a connection method View documentation
Get your pre-formatted connection string by selecting your tool below.
Connect with the MongoDB Shell
Interact with your cluster using MongoDB's interactive Javascript interface
Connect your application
Connect your application to your cluster using MongoDB's native drivers
Connect using MongoDB Compass
Explore, modify, and visualize your data with MongoDB's GUI
Go Back
Close
Click to connect mongodb shell
Kindly check the shell version
Kindly copy the link and paste in the Command Prompt
Connect to Cluster0
Setup connection security
Choose a connection method
Connect
I do not have the MongoDB Shell installed
I have the MongoDB Shell installed
1 Select your mongo shell version
3.6
(To check your shell version, run mongosh --version or mongo --version)
2 Run your connection string in your command line
Use this connection string in your application:
mongo "mongodb+srv://cluster0.9axie.mongodb.net/myFirstDatabase" --username DSMENTOR
Replace myFirstDatabase with the name of the database that connections will use by default. You will be prompted for the password for the Database User, DSMENTOR. When entering your password, make sure all special characters are URL encoded.
Having trouble connecting? View our troubleshooting documentation
Go Back
Close

```
C:\Program Files\MongoDB\Server\5.0\bin>mongo "mongodb+srv://cluster0.9axie.mongodb.net/myFirstDatabase" --username DSMENTOR
MongoDB shell version v5.0.6
Enter password:
connecting to: mongodb://cluster0-shard-00-01.9axie.mongodb.net:27017,cluster0-shard-00-02.9axie.mongodb.net:27017,cluster0-shard-00-00.9axie.mongodb.net:27017/myFirstDatabase?authSource=admin&compressors=disabl
ed&gssapiServiceName=mongodb&replicaSet=atlas-pkvjuj-shard-0&ssl=true
Implicit session: session { "id" : UUID("36b8f422-f94a-4965-9ee6-ef07be2058da") }
MongoDB server version: 5.0.6
================
Warning: the "mongo" shell has been superseded by "mongosh",
which delivers improved usability and compatibility.The "mongo" shell has been deprecated and will be removed in
an upcoming release.
For installation instructions, see
https://docs.mongodb.com/mongodb-shell/install/
================
MongoDB Enterprise atlas-pkvjuj-shard-0:PRIMARY> show dbs
admin  0.000GB
local  4.369GB
MongoDB Enterprise atlas-pkvjuj-shard-0:PRIMARY>
```

Link copied from Mongodb Atlas

Type >> show dbs