



















Create a FREE account on MongoDB atlas
<https://www.mongodb.com/cloud/atlas>

Cloud Provider & Region AWS, N. Virginia (us-east-1) ▼



Create a **free tier cluster** by selecting a region with **FREE TIER AVAILABLE** and choosing the **M0** cluster tier below.

★ recommended region ⓘ

NORTH AMERICA	EUROPE	ASIA
 N. Virginia (us-east-1) ★ FREE TIER AVAILABLE	 Stockholm (eu-north-1) ★	 Hong Kong (ap-east-1) ★
 Ohio (us-east-2) ★	 Ireland (eu-west-1) ★ FREE TIER AVAILABLE	 Tokyo (ap-northeast-1) ★
 N. California (us-west-1)	 London (eu-west-2) ★	 Seoul (ap-northeast-2)
 Oregon (us-west-2) ★ FREE TIER AVAILABLE	 Paris (eu-west-3) ★	 Singapore (ap-southeast-1) ★ FREE TIER AVAILABLE
 Montreal (ca-central-1)	 Frankfurt (eu-central-1) ★ FREE TIER AVAILABLE	 Mumbai (ap-south-1) FREE TIER AVAILABLE
SOUTH AMERICA		AUSTRALIA

Cluster Tier M0 Sandbox (Shared RAM, 512 MB Storage) ▼
Encrypted

Base hourly rate is for a MongoDB replica set with 3 data bearing servers.

Shared Clusters for development environments and low-traffic applications

Tier	RAM	Storage	vCPU	Base Price
 M0 Sandbox	Shared	512 MB	Shared	Free forever
<small>M0 clusters are best for getting started, and are not suitable for production environments.</small>				
<small>100 max connections Low network performance 100 max databases 500 max collections</small>				
M2	Shared	2 GB	Shared	\$8 / MONTH
M5	Shared	5 GB	Shared	\$25 / MONTH

Dedicated Clusters for development environments and low-traffic applications

Tier	RAM	Storage	vCPU	Base Price
M10	2 GB	10 GB	1 vCPU	from \$0.08/hr
M20	4 GB	20 GB	2 vCPUs	from \$0.20/hr

Dedicated Clusters for high-traffic applications and large datasets

1. Create a new cluster with given configurations.
2. CHOOSE M0 Sandbox Tier as it is Free!
3. Give name to your free cluster.
4. Add a new user and set the credentials (this will be required in connection string).
5. Whitelist Current IP or all IP addresses to access the cluster remotely

Add New User

SCRAM Authentication

SCRAM is MongoDB's default authentication method.

aadesh5

e.g. new-user_31

SHOW

Autogenerate Secure Password

this password contains special characters
which will be URL-encoded

User Privileges

Atlas admin

Read and write to
any database

Only read any
database

Select Custom
Role

Add Default Privileges

☐ Save as temporary user

Cancel

Add User

Add Whitelist Entry

Add a whitelist entry using either CIDR notation or a single IP address. [Learn more.](#)

ALLOW ACCESS FROM ANYWHERE

Whitelist Entry:

0.0.0.0/0

Comment:

Optional comment describing this entry

☐ Save as temporary whitelist

Cancel

Confirm

Connect to Cluster0

✓ Setup connection security

Choose a connection method

Connect

Choose a connection method [View documentation](#)

See methods to add data and diagnostics in the [Command Line Tools](#) shortcut from within your cluster.



Connect with the Mongo Shell

Mongo Shell with TLS/SSL support is required



Connect Your Application

Get a connection string and view driver connection examples



Connect with MongoDB Compass

Download Compass to explore, visualize, and manipulate your data



Go Back

Close

Im choosing connect your application, mongo shell and mongo compass could also be connected with atlas

✓ Setup connection security > ✓ Choose a connection method > Connect

1 Choose your driver version

DRIVER: Node.js VERSION: 3.0 or later

2 Add your connection string into your application code

Connection String Only Full Driver Example

mongodb+srv://HaulShare:<password>@cluster0-9fpk.m Copy

Replace <password> with the password for the HaulShare user. When entering your password, make sure that any special characters are URL encoded.

Having trouble connecting? [View our troubleshooting documentation](#)

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Copy the URL, replace password with cluster pwd

```
//remote server
const mongo_url = "ENTER URL HERE";
var database;
MongoClient.connect(mongo_url, function(err, client) {
  if (err) {
    console.log(err);
    return;
  }
  //remote mongodb
  database = client.db("Db_HaulShare");
});
```

WiredTiger connection error in local mongo setup:

COMPLETELY UNINSTALL MONGODB IN MAC:

```
launchctl list | grep mongo
```

```
launchctl unload ~/Library/LaunchAgents/homebrew.mxcl.mongodb.plist
```

launchctl remove homebrew.mxcl.mongodb

```
(base) MacBook-Pro:~ balachandhar$ mongo --version
MongoDB shell version v4.0.3
git version: 7ea530946fa7880364d88c8d8b6026bbc9ffa48c
allocator: system
modules: none
build environment:
  distarch: x86_64
  target_arch: x86_64
(base) MacBook-Pro:~ balachandhar$ mkdir -p /data/db
(base) MacBook-Pro:~ balachandhar$ sudo chown -R `id -un` /data/db
Password:
(base) MacBook-Pro:~ balachandhar$ mongod
2019-07-03T22:01:32.355-0300 I CONTROL [main] Automatically disabling TLS 1.0, to force-enable TLS 1.0 specify --sslDisabledProtocols 'none'
2019-07-03T22:01:32.369-0300 I CONTROL [initandlisten] MongoDB starting : pid=40517 port=27017 dbpath=/data/db 64-bit host=MacBook-Pro,local
2019-07-03T22:01:32.369-0300 I CONTROL [initandlisten] db version v4.0.3
2019-07-03T22:01:32.369-0300 I CONTROL [initandlisten] git version: 7ea530946fa7880364d88c8d8b6026bbc9ffa48c
2019-07-03T22:01:32.369-0300 I CONTROL [initandlisten] allocator: system
2019-07-03T22:01:32.369-0300 I CONTROL [initandlisten] modules: none
2019-07-03T22:01:32.369-0300 I CONTROL [initandlisten] build environment:
2019-07-03T22:01:32.369-0300 I CONTROL [initandlisten]   distarch: x86_64
2019-07-03T22:01:32.369-0300 I CONTROL [initandlisten]   target_arch: x86_64
2019-07-03T22:01:32.369-0300 I CONTROL [initandlisten] options: {}
2019-07-03T22:01:32.370-0300 I STORAGE [initandlisten] wiredtiger_open config: create,cache_size=3584M,session_max=20000,eviction=(threads_min=4,threads_max=4),config_base=false,statistics=(fast),log=(enabled=true,archive=true,path=journal,compressor=snappy),file_manager=(close_idle_time=100000),statistics_log=(wait=0),verbose=(recovery_progress),
2019-07-03T22:01:32.384-0300 E STORAGE [initandlisten] WiredTiger error (2) [1562202092:984161][40517:0x11fee45c0], file:WiredTiger.wt, connection: __posix_open_file, 715: /data/db/WiredTiger.wt: handle-open: open: No such file or directory Raw: [1562202092:984161][40517:0x11fee45c0], file:WiredTiger.wt, connection: __posix_open_file, 715: /data/db/WiredTiger.wt: handle-open: open: No such file or directory
2019-07-03T22:01:33.001-0300 E STORAGE [initandlisten] WiredTiger error (2) [1562202093:1231][40517:0x11fee45c0], file:WiredTiger.wt, connection: __posix_open_file, 715: /data/db/WiredTiger.wt: handle-open: open: No such file or directory Raw: [1562202093:1231][40517:0x11fee45c0], file:WiredTiger.wt, connection: __posix_open_file, 715: /data/db/WiredTiger.wt: handle-open: open: No such file or directory
2019-07-03T22:01:33.007-0300 E STORAGE [initandlisten] WiredTiger error (2) [1562202093:7519][40517:0x11fee45c0], file:WiredTiger.wt, connection: __posix_open_file, 715: /data/db/WiredTiger.wt: handle-open: open: No such file or directory Raw: [1562202093:7519][40517:0x11fee45c0], file:WiredTiger.wt, connection: __posix_open_file, 715: /data/db/WiredTiger.wt: handle-open: open: No such file or directory
2019-07-03T22:01:33.010-0300 W STORAGE [initandlisten] Failed to start up WiredTiger under any compatibility version.
2019-07-03T22:01:33.010-0300 F STORAGE [initandlisten] Reason: 2: No such file or directory
2019-07-03T22:01:33.010-0300 F - [initandlisten] Fatal Assertion 28595 at src/mongo/db/storage/wiredtiger/wiredtiger_kv_engine.cpp 645
2019-07-03T22:01:33.011-0300 F - [initandlisten]
***aborting after fassert() failure

(base) MacBook-Pro:~ balachandhar$
```

kill -f mongod

rm -f ~/Library/LaunchAgents/homebrew.mxcl.mongodb.plist

brew uninstall mongodb

//CHECK IF THE FILE EXISTS

ls -al /usr/local/bin/mong*

ls -al ~/Library/LaunchAgents

INSTALL MONGODB:

brew tap mongodb/brew

brew install mongodb-community@4.0

brew services start mongodb-community@4.0

mongod --config /usr/local/etc/mongod.conf

mongo

Local some useful comments:

show databases

use database_name

show collections

db. database_name.find()