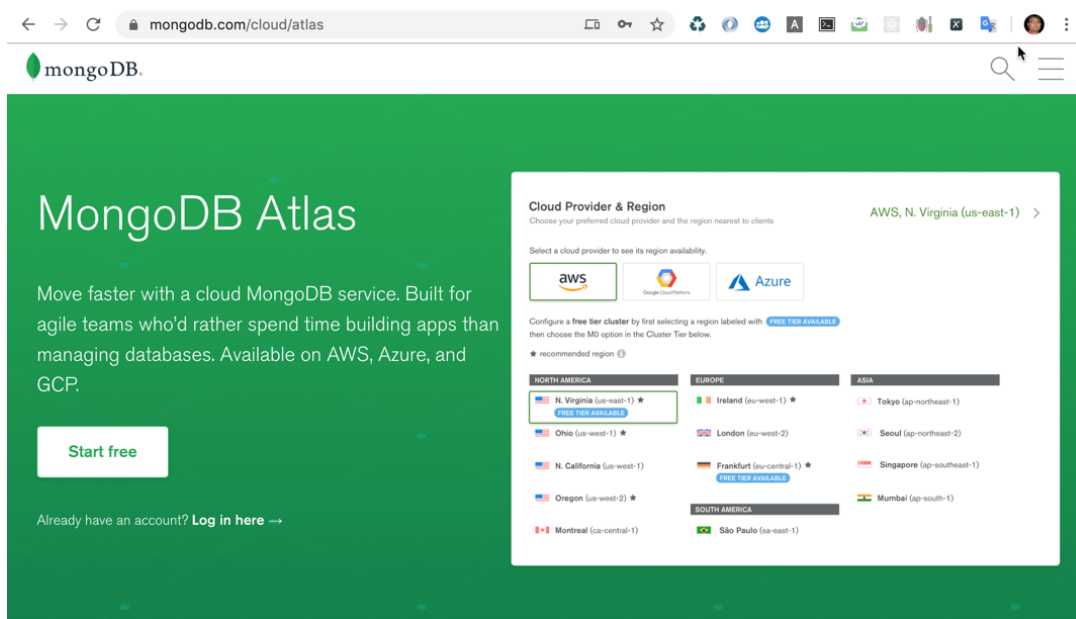




## MONGODB SETUP

This document provides details to setup your own copy of online database server using MongoDB Atlas

1. Go to following URL - <https://www.mongodb.com/cloud/atlas> and Click Start Free



2. Fill in Registration Details

Being Zero Pvt Ltd

<http://beingzero.in>

<https://fb.me/being0>



Get started free  
No credit card required

First Name

Last Name

Your Company (optional)

Your Work Email

Password

✓ 8 characters minimum

☐ I agree to the [terms of service](#) and [privacy policy](#).

Get started free

### 3. Create a free Cluster

MONGODB ATLAS

Choose a path. Adjust anytime.

Available as a fully managed service across 60+ regions on AWS, Azure, and Google Cloud

Starter Clusters	Single-Region Clusters	Multi-Region Clusters
For teams learning MongoDB or developing small applications.	For teams building applications that need advanced development and production-ready environments.	For teams developing world-class applications that require multi-region resiliency or ultra-low latency.
<ul style="list-style-type: none"><li>✓ Highly available auto-healing cluster</li><li>✓ End-to-end encryption</li><li>✓ Role-based action control</li><li>✗ No downtime scaling</li><li>✗ Network isolation</li><li>✗ Realtime performance metrics</li></ul>	<ul style="list-style-type: none"><li>✓ Includes all features from Starter Clusters</li><li>✓ No downtime scaling</li><li>✓ Network isolation</li><li>✓ Realtime performance metrics</li></ul>	<ul style="list-style-type: none"><li>✓ Includes all features from Starter and Single-Region Clusters</li><li>✓ Replicate data across multiple regions</li><li>Global Clusters <input type="checkbox"/></li><li>✓ Globally distributed read and write operations</li><li>✓ Control data residency at the document level</li></ul>
Starting at <b>FREE</b>	Starting at <b>\$0.08/hr*</b> <small>*estimated cost \$56.94/month</small>	Starting at <b>\$0.13/hr*</b> <small>*estimated cost \$98.55/month</small>
Create a cluster	Create a cluster	Create a cluster

### 4. Select AWS as Cloud Provider and Choose Region Mumbai (ASIA) then press button Create Cluster

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<https://fb.me/being0>



cloud.mongodb.com/v2/5dfbf60bf2a30b8e52afd1ca#clusters/edit?f...




mongoDB Atlas

CLUSTERS > CREATE A STARTER CLUSTER

### Create a Starter Cluster








Welcome to MongoDB Atlas! We've recommended some of our most popular options, but feel free to customize your cluster to your needs. For more information, check our [documentation](#).

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
 <b>N. Virginia (us-east-1)</b> ★ <b>FREE TIER AVAILABLE</b>	 <b>Ireland (eu-west-1)</b> ★ <b>FREE TIER AVAILABLE</b>	 <b>Singapore (ap-southeast-1)</b> ★ <b>FREE TIER AVAILABLE</b>
 <b>Oregon (us-west-2)</b> ★ <b>FREE TIER AVAILABLE</b>	 <b>Frankfurt (eu-central-1)</b> ★ <b>FREE TIER AVAILABLE</b>	 <b>Mumbai (ap-south-1)</b> ★ <b>FREE TIER AVAILABLE</b>
<b>AUSTRALIA</b>		
 <b>Sydney (ap-southeast-2)</b> ★ <b>FREE TIER AVAILABLE</b>		

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

**FREE** Free forever! Your M0 cluster is ideal for experimenting in a limited sandbox. You can upgrade to a production cluster anytime.

[Privacy · Terms](#)

[Back](#) [Create Cluster](#)

5. Wait for up to 5 minutes for cluster to be created.
6. Once Cluster is created – Click Database Access

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<https://fb.me/being0>



The screenshot shows the MongoDB Atlas interface. The left sidebar contains a navigation menu with sections: ATLAS (Clusters, Data Lake, Security, Project, Services, Help), SECURITY (Database Access, Network Access, Advanced), PROJECT (Access Management, Activity Feed, Alerts, Integrations, Settings), SERVICES (Charts, Stitch, Triggers), and HELP (Docs, Support). The main content area is titled 'Clusters' and shows a cluster named 'Cluster0' with a 'CONNECT' button. A red arrow points from the 'Database Access' link in the sidebar to the 'CONNECT' button.

## 7. Add a new Database user

The screenshot shows the MongoDB Atlas 'Database Access' page. The left sidebar is the same as in the previous screenshot. The main content area is titled 'Database Access' and has tabs for 'MongoDB Users' and 'MongoDB Roles'. Below the tabs is a table with columns: 'User Name', 'Authentication Method', 'MongoDB Roles', and 'Actions'. A red arrow points to the '+ ADD NEW USER' button in the top right corner of the table.

## 8. Choose username and password and Add user as Atlas Admin

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Add New User

Choose Method

PASSWORD CERTIFICATE

SCRAM Authentication

SCRAM is MongoDB's default authentication method.

beingzero

e.g. new-user\_31

\*\*\*\*\* SHOW

Autogenerate Secure Password

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

## 9. Setup Network Access Next

cloud.mongodb.com/v2/5dfbf60bf2a30b8e52afd1ca#security/...

mongoDB Atlas All Clusters

SAKSHI'S ORG - 2019-12-19 > PROJECT 0

Database Access

MongoDB Users MongoDB Roles

+ ADD NEW USER

User Name	Authentication Method	MongoDB Roles	Actions
beingzero	SCRAM	atlasAdmin@admin	EDIT DELETE

Database Access

Network Access

Advanced

PROJECT

Access Management

Activity Feed

Alerts

Integrations

Settings

SERVICES

Charts

Stitch

Triggers

HELP

Docs

Support

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## 10. Add IP Address

## 11. Choose 'Access from anywhere' and click confirm

Add Whitelist Entry

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

Whitelist Entry:

Comment:

☐ Save as temporary whitelist



## 12. Select Clusters now

The screenshot shows the MongoDB Atlas interface. The left sidebar contains the following sections:

- ATLAS**
  - Clusters (highlighted with a red arrow)
  - Data Lake
- SECURITY**
  - Database Access
  - Network Access (active)
- PROJECT**
  - Access Management
  - Activity Feed
  - Alerts
  - Integrations
  - Settings
- SERVICES**
  - Charts
  - Stitch
  - Triggers
- HELP**
  - Docs
  - Support

The main content area is titled 'Network Access' and has tabs for 'IP Whitelist', 'Peering', and 'Private Endpoint'. The 'IP Whitelist' tab is active. A message states: 'You will only be able to connect to your cluster from the following list of IP Addresses:'. Below this is a table with the following data:

IP Address	Comment	Status	Actions
0.0.0.0/0 (includes your current IP address)		Active	<a href="#">EDIT</a> <a href="#">DELETE</a>

A green '+ ADD IP ADDRESS' button is located in the top right corner of the IP Whitelist section.

## 13. Choose Connect



The screenshot shows the MongoDB Atlas interface. The left sidebar contains navigation links for Context, Atlas, Security, Project, Services, and Help. The main content area is titled 'Clusters' and shows a list of clusters. The 'Cluster0' cluster is selected, and its details are displayed. A red arrow points to the 'CONNECT' button. The details include the cluster name, version, region, type, and linked stitch app. Metrics for operations, logical size, and connections are also shown.

**mongoDB Atlas** All Clusters

CONTEXT: Project 0

ATLAS: Clusters

SECURITY: Database Access, Network Access, Advanced

PROJECT: Access Management, Activity Feed, Alerts, Integrations, Settings

SERVICES: Charts, Stitch, Triggers

HELP: Docs, Support

**Clusters**

Find a cluster...

**SANDBOX**

**Cluster0**  
Version 4.0.13

**CONNECT** **METRICS** **COLLECTIONS** ...

**CLUSTER TIER**  
M0 Sandbox (General)

**REGION**  
AWS / Mumbai (ap-south-1)

**TYPE**  
Replica Set - 3 nodes

**LINKED STITCH APP**  
None Linked

**Operations** R: 0 W: 0 100.0/s  
Last 6 Hours

**Logical Size** 0.0 B 512.0 MB max  
Last 6 Hours

**Connections** 0 500 max  
Last 6 Hours

**Enhance Your Experience**  
For dedicated throughput, richer metrics and enterprise security options, upgrade your cluster now!  
**Upgrade**

14. Choose 'Connect Your Application'



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<http://beingzero.in>

<https://fb.me/being0>



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

15. Copy your connection string and Paste it in a file on your computer. This will be used for connecting our application to database.

Connect to Cluster0

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

1 Choose your driver version

DRIVER	VERSION
Node.js	3.0 or later

2 Add your connection string into your application code

Connection String Only Full Driver Example

```
mongodb+srv://beingzero:<password>@cluster8-tjbj5.mongodb.net/tes
```

Copy

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

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

Go Back Close

JOIN FB GROUP FOR UPDATES: <https://www.facebook.com/groups/beingzero>