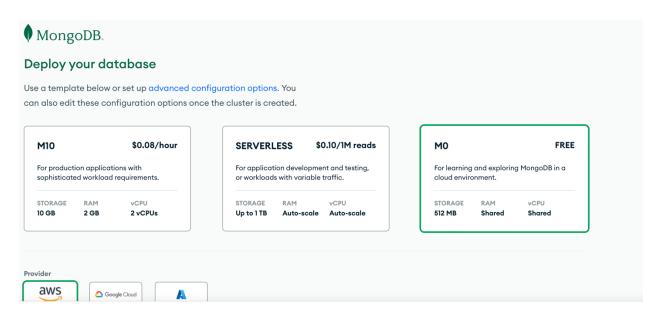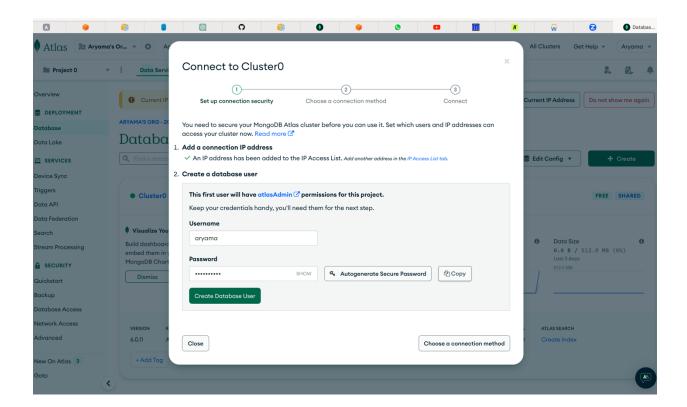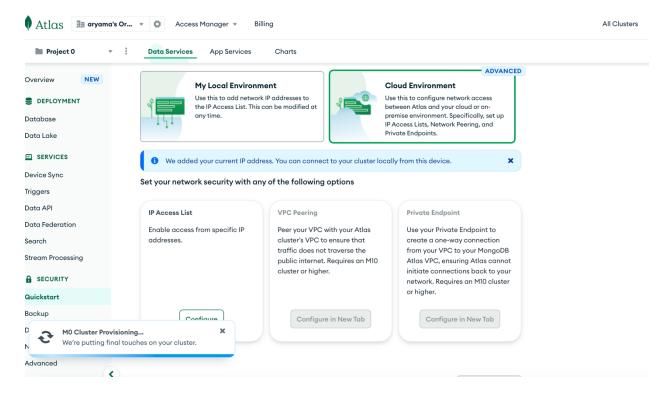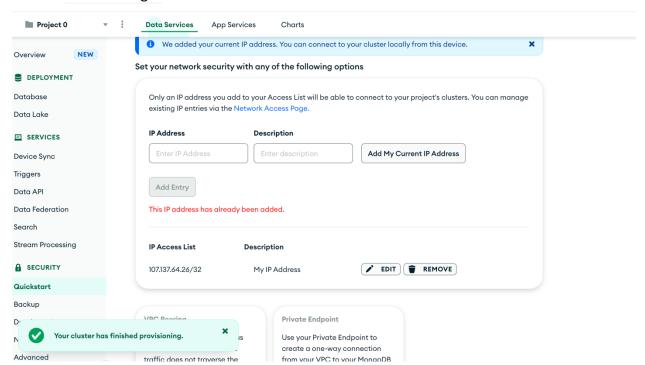# MongoDB Cluster Creation in Cloud Environment.

Cluster created using Cloud Environment Data Services.

Connecting the database with MongoDB shell and MongoDB compass

Atlas   Aryama's Or...   All Clusters   Get Help

Project 0   Data Servi

Overview

DEPLOYMENT
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Find a datab

Cluster0

Visualize You
Build dashboard
embed them in y
MongoDB Chart

Dismiss

VERSION
6.0.11

+ Add Tag

Current IP Address   Do not show

Edit Config   + Cr

FREE

Data Size
0.0 B / 512.0 MB (0%
Last 3 days
512.0 MB

ATLAS SEARCH
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Connect to Cluster0   ✕

①━━━━━━━━━━━━ ②━━━━━━━━━━━━ ③
Set up connection security   Choose a connection method   Connect

Connect to your application

| | Drivers | › |
| | Access your Atlas data using MongoDB's native drivers (e.g. Node.js, Go, etc.) | |

Access your data through tools

| | Compass | › |
| | Explore, modify, and visualize your data with MongoDB's GUI | |

| | Shell | › |
| | Quickly add & update data using MongoDB's Javascript command-line interface | |

| | MongoDB for VS Code | › |
| | Work with your data in MongoDB directly from your VS Code environment | |

| | Atlas SQL | › |
| | Easily connect SQL tools to Atlas for data analysis and visualization | |

Using MongoDB shell. We will be installing mongosh and run mongosh connection string.

Connect to Cluster0

✓ Set up connection security — ✓ Choose a connection method — ③ Connect

| I don't have the MongoDB Shell installed | I have the MongoDB Shell installed |

1. Select your operating system and download the MongoDB Shell

macOS ▼

Install via HomeBrew
Homebrew is a package manager for macOS.

```
brew install mongosh
```

See more installation options ↗

2. Run your connection string in your command line

Use this connection string in your application

```
mongosh "mongodb+srv://cluster0.c1zpbns.mongodb.net/" --apiVersion 1 --username aryama
```

You will be prompted for the password for the Database User, **aryama**. When entering your password, make sure all special characters are URL encoded ↗ .

RESOURCES

Add Data in the Shell ↗   Access your Database Users ↗
Troubleshoot Connections ↗

Creating first database

```
To help improve our products, anonymous usage data is collected and sent to MongoDB periodically (https://www.mongodb.com/legal/privacy-policy).
You can opt-out by running the disableTelemetry() command.

[Atlas atlas-38kxtb-shard-0 [primary] test>
[(base) aryamar@Aryamas-Air bin % echo $PATH
/opt/homebrew/bin:/opt/homebrew/sbin:/Users/aryamar/anaconda3/bin:/Users/aryamar/anaconda3/condabin:/Library/Frameworks/Python.framework/Versions/3.11/bin:/usr/local/bin:/System/Cryp
/bin:/bin:/usr/sbin:/sbin
[(base) aryamar@Aryamas-Air bin % mongosh "mongodb+srv://cluster0.c1zpbns.mongodb.net/" --apiVersion 1 --username aryama
[Enter password: **********
Current Mongosh Log ID: 6531c39ff120909313517547
Connecting to:          mongodb+srv://<credentials>@cluster0.c1zpbns.mongodb.net/?appName=mongosh+1.10.6
Using MongoDB:          6.0.11 (API Version 1)
Using Mongosh:          1.10.6
mongosh 2.0.2 is available for download: https://www.mongodb.com/try/download/shell

For mongosh info see: https://docs.mongodb.com/mongodb-shell/

[Atlas atlas-38kxtb-shard-0 [primary] test> db
 test
[Atlas atlas-38kxtb-shard-0 [primary] test> use firstDatabase
 switched to db firstDatabase
 Atlas atlas-38kxtb-shard-0 [primary] firstDatabase> ▊
```

Also, we can connect Cluster using connection string in MongoDB compass:

Connect to Cluster0

✓ Set up connection security ——— ✓ Choose a connection method ——— ③ Connect

Connecting with MongoDB Compass

| **I don't have MongoDB Compass installed** | **I have MongoDB Compass installed** |

1. Select your operating system and download MongoDB Compass

```
macOS 64-bit (10.14+)                        ▼
```

⬇ Download Compass (1.40.4)   or   ⧉ Copy download URL

Compass is an interactive tool for querying, optimizing, and analyzing your MongoDB data.

2. Copy the connection string, then open MongoDB Compass

```
mongodb+srv://aryama:<password>@cluster0.c1zpbns.mongodb.net/
```

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

RESOURCES

Connect with Compass ⧉   Import and Export Data ⧉
Access your Database Users ⧉   Troubleshoot Connections ⧉

Go Back   Close