mLab, which is the service we use for our remote Mongo database, was acquired by MongoDB. They have now since closed off all new mLab registrations. Instead, our students will be redirected to MongoDB's Atlas product, which has a free tier similar to mLab, albeit more powerful. Here are the steps to set up a MongoDB account and Atlas cluster to use with the Emaily project:

1. Go to https://www.mongodb.com/atlas/database and click the Try Free button (or Sign In if you already have an account)

ATLAS Database. Deploy a multi-cloud database. The most advanced cloud database service on the market, with unmatched data distribution and mobility across AWS, Azure, and Google Cloud, built-in automation for resource and workload

optimization, and so much more.

Try Free Contact sales -

Get started free No credit card required

2. Create your MongoDB user account and click the Get started free button.

mongo DB. Atlas

Your Company (optional)

Your Work Email

Last Name Password I agree to the terms of service and privacy policy. **Get started free**

4. You should see a brief questionnaire. Select Learn MongoDB, Application Modernization, and JavaScript. Welcome to Atlas! 🌗

3. After creating your account, you will be prompted to accept the privacy policy and ToS. Click the Submit button to continue.

Your answer will help us guide you to successfully getting started with MongoDB Atlas. Learn MongoDB Build a new application

Application Modernization

We'll use this to customize code samples and content we share with you. You can always change this lat

FREE

Shared

configuration options.

For learning and exploring MongoDB

No credit card required to start

Explore with sample datasets

Upgrade to dedicated clusters

in a cloud environment. Basic

for full functionality

Explore what I can build

Migrate an existing application

Accept Privacy Policy & Terms of Service

Please acknowledge the following terms and conditions to finish creating your account.

✓ I accept the Privacy Policy and the Terms of Service

Submit

ell us a few things about yourself and your project.

What type of application are you building?

What is your preferred language?

Deploy a cloud database

ADVANCED

advice

Triggers

Data API

SECURITY

PREVIEW

Dedicated

For production applications with

Advanced configuration controls.

Network isolation and fine-

grained access controls

On-demand performance

Multi-region and multi-cloud

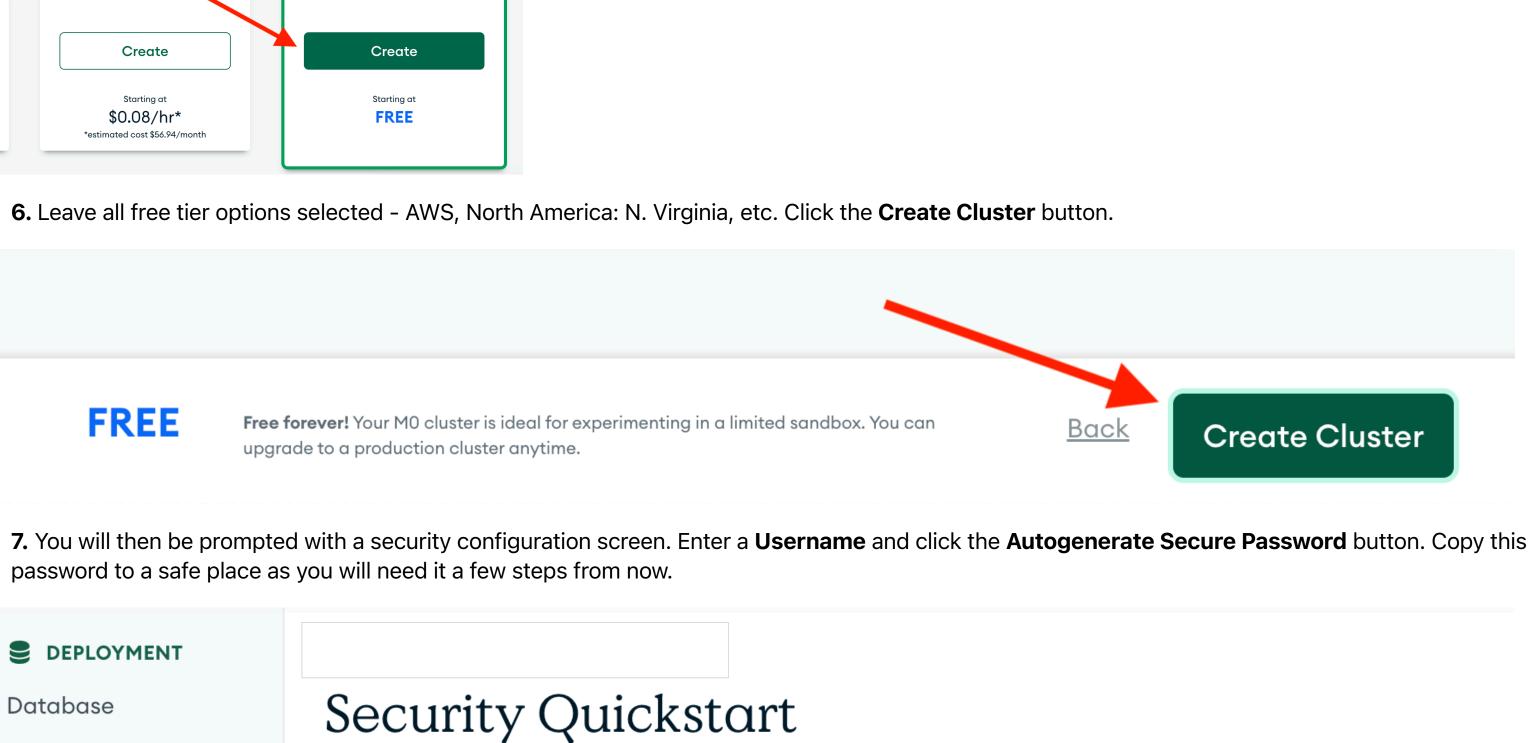
sophisticated workload requirements.

oDB on AWS, Azure, and Google Cloud. Choose a deployment option to get started.

What is your goal today?

Cancel Signup

JS JavaScript 5. You will then be prompted to create a cluster. Select the far right Shared Free tier cluster option and click the Create button.



Data Lake To access data stored in Atlas, you'll need to create users and set up network security controls. Learn more ab **DATA SERVICES**

How would you like to authenticate your connection?

Your first user will have permission to read and write any data in your project.

Back

Use this to configure network access

between Atlas and your cloud or on-

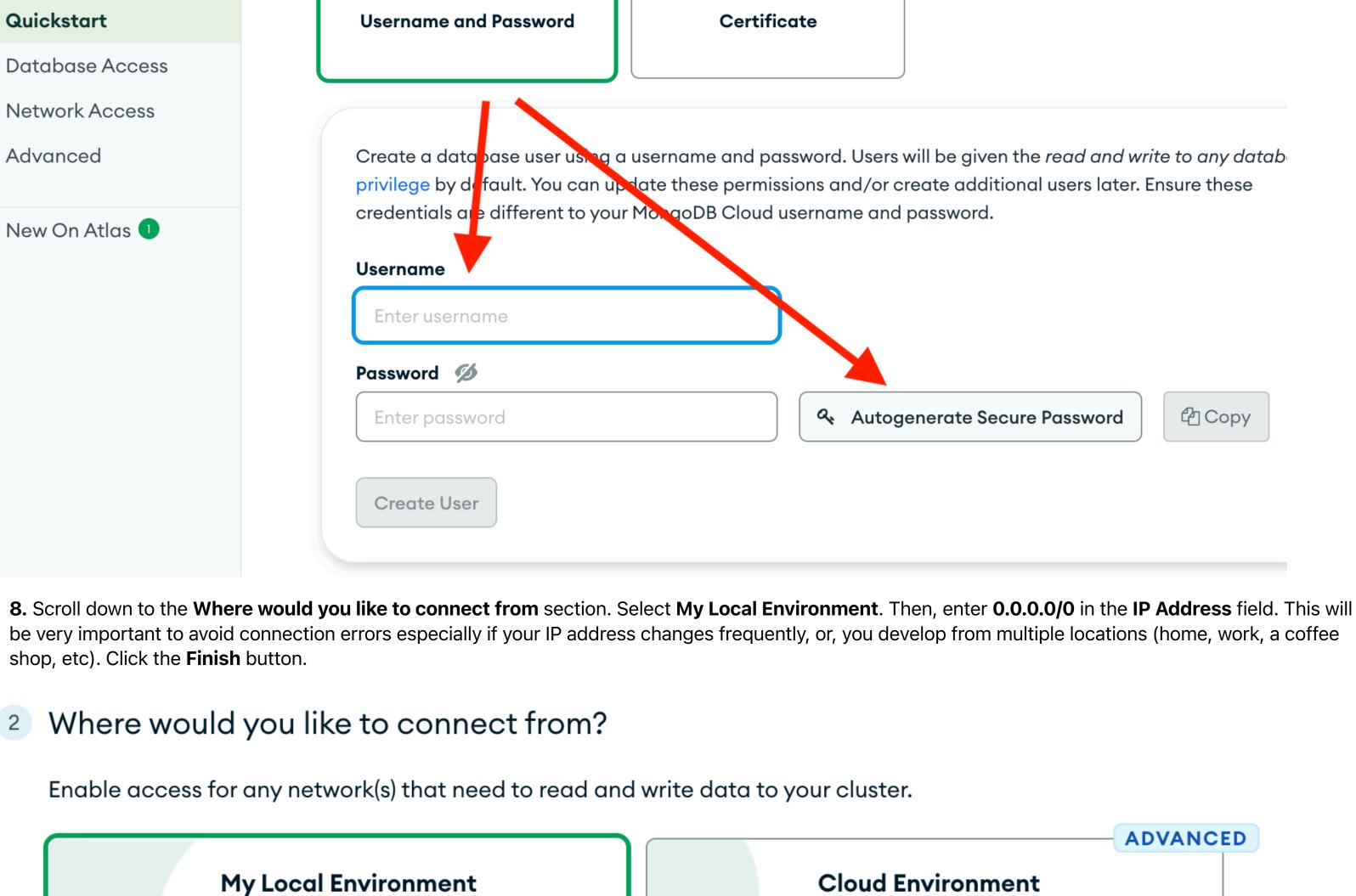
IP Access Lists, Network Peering, and

Private Endpoints.

premise environment. Specifically, set up

Add My Current IP Address

Create Cluster



Description **IP Address Enter IP Address** Enter description Add Entry

Only an Raddress you add to your Access List will be able to connect to your project's clusters.

Use this to add network IP addresses to

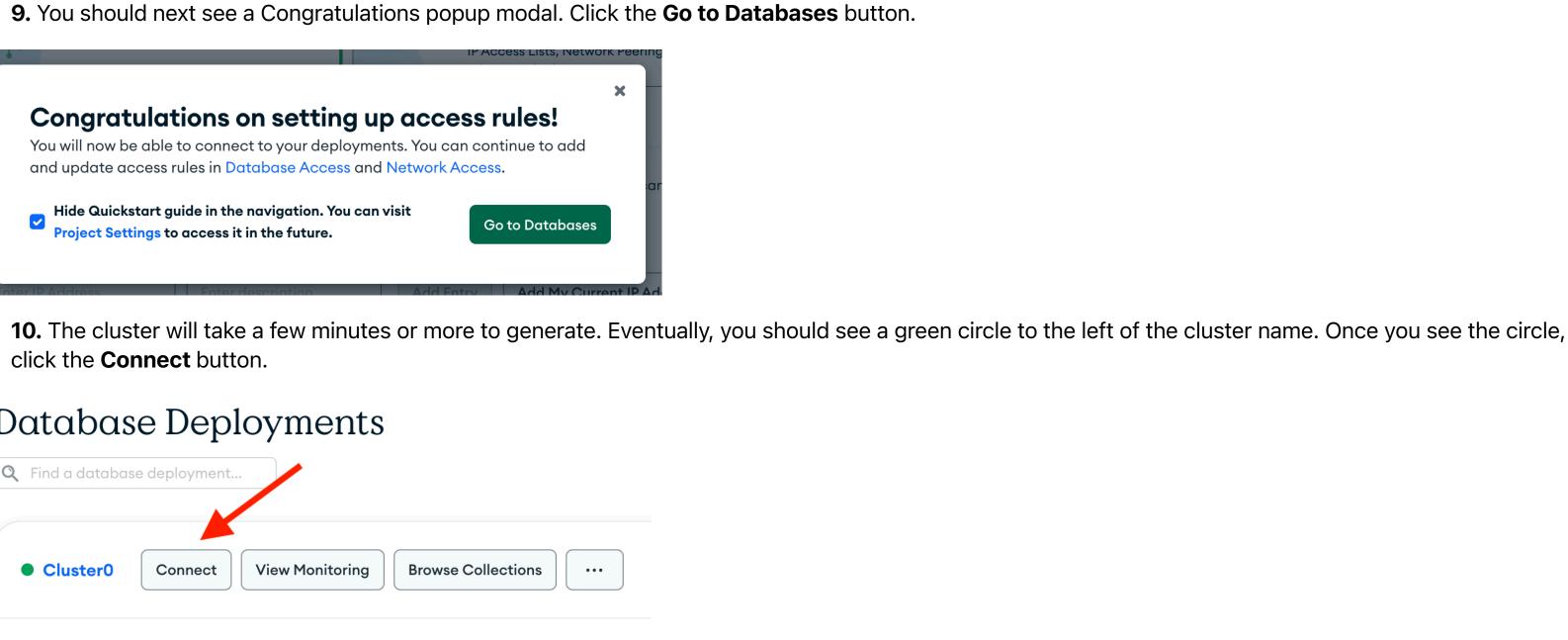
any time.

Add entries to your IP Access List

11. Select Connect Your Application

✓ Setup connection security

the IP Access List. This can be modified at



Connect

Choose a connection method

Connect with the MongoDB Shell Interact with your cluster using MongoDB's interactive Javascript interface

Get your pre-formatted connection string by selecting your tool below.

Choose a connection method View documentation

Connect your application

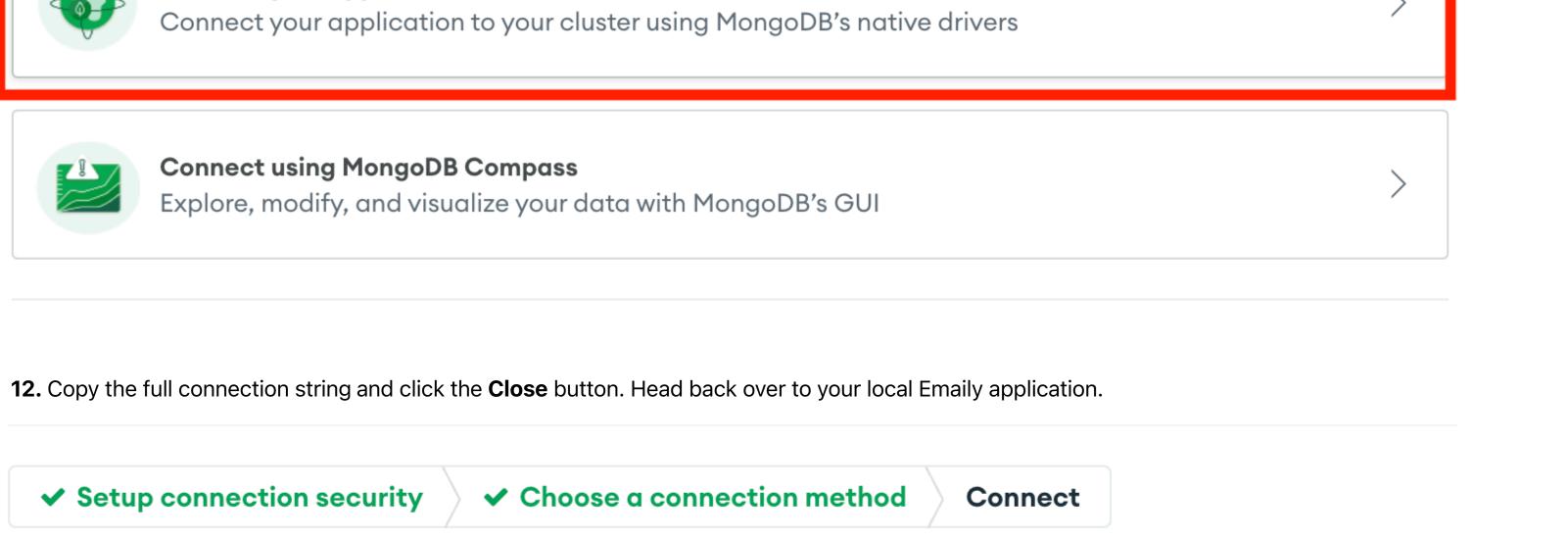
Select your driver and version

☐ Include full driver code example

retryWrites=true&w=majority

DRIVER

Node.js



mongodb+srv://test:<password>@cluster0.53pjbra.mongodb.net/?

VERSION

Add your connection string into your application code

4.1 or later

Replace <password> with the password for the test user. Ensure any option params are URL encoded. 13. In the server.js file replace the empty string with your new connection string like in the example below: Remember to replace <PASSWORD> with the user's actual password. const MONGO_URI = 'mongodb+srv://yourusername:yourpassword@cluster0.53pjbra.mongodb.net/?retryWrites=true&w=majority';

Next, you must add an arbitrary database name to the connection string. In the example below we have added the name lyrical after the slash and before the

question mark: "mongodb+srv://test:6fAA6FD5kGirCRaE@cluster0.53pjbra.mongodb.net/lyrical?retryWrites=true&w=majority", 14. Restart your server by running npm run dev and you should see the "Connected to Mongo Atlas" message in your terminal.

15. You should now be able to successfully load your app at localhost:4000 and localhost:4000/graphql