My Courses › M001

Course Ends:
61d:11hr:27m
Oct 18, 17:00 UTC

Chapter Labs Due:
61d:11hr:27m
Oct 18, 17:00 UTC

Chapter 1: What is Mongo...

Lessons

- Lecture: Welcome to M001
- Lecture: What is the MongoDB Database?
- Quiz: What is MongoDB?
- Lecture: What is a Document in MongoDB?
- Quiz 1: What is the MongoDB Database?
- Quiz 2: What is a Document?
- Quiz 3: What is a Document?
- Lecture: What is MongoDB Atlas?
- Quiz: What is Atlas?
- **Lab: Create and Deploy an Atlas Cluster**
- **Lecture: Atlas User Interface Overview**
- **Lecture: Introducing the In-Browser IDE**
- **Lab: Connect to your Atlas Cluster**

Next Chapter

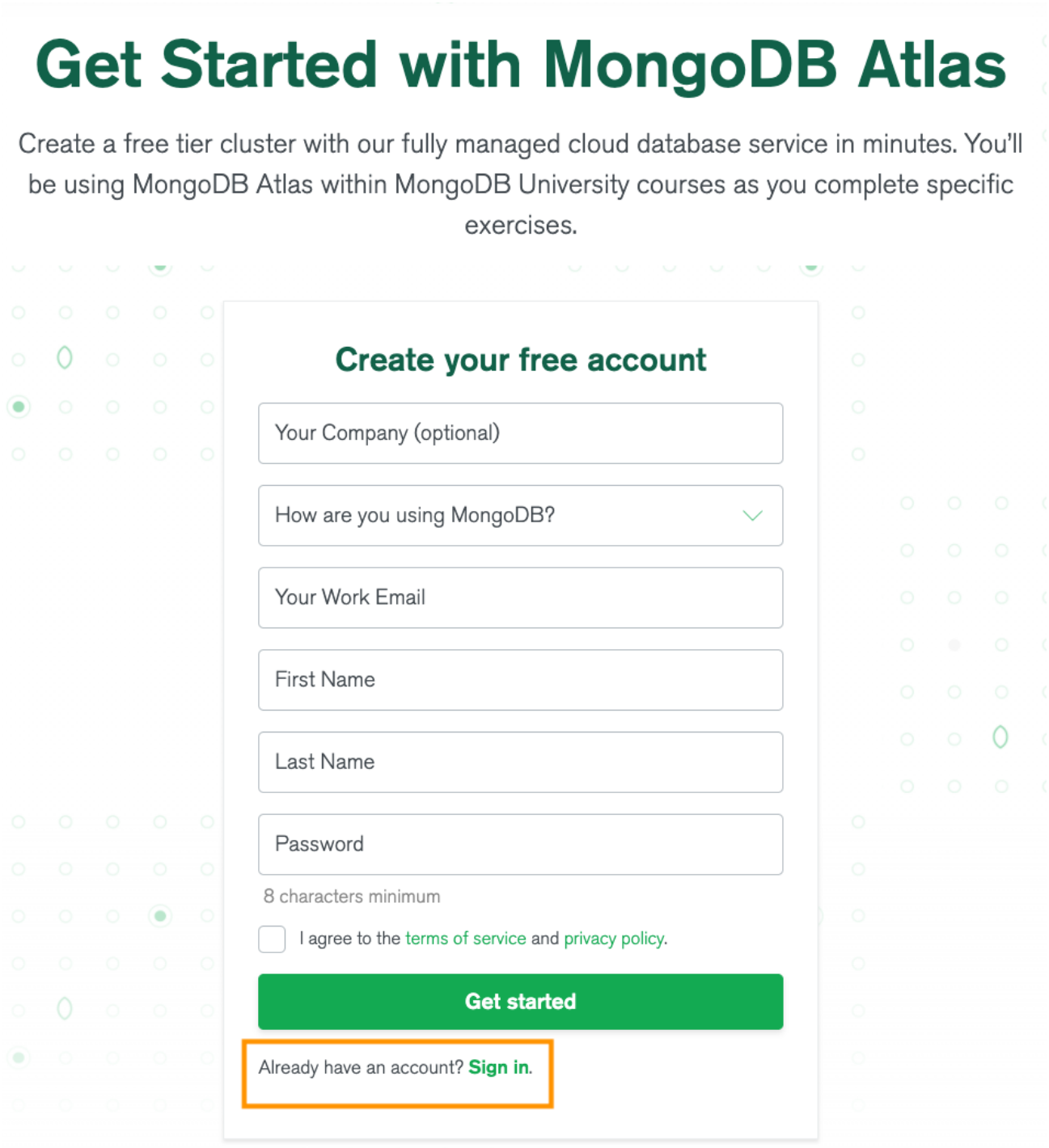
Chapter 1: What is MongoDB?

Lab: Create and Deploy an Atlas Cluster

Problem:

An Atlas account has already been created using your MongoDB University credentials.

Follow this link and select **Sign in** at the bottom right corner.

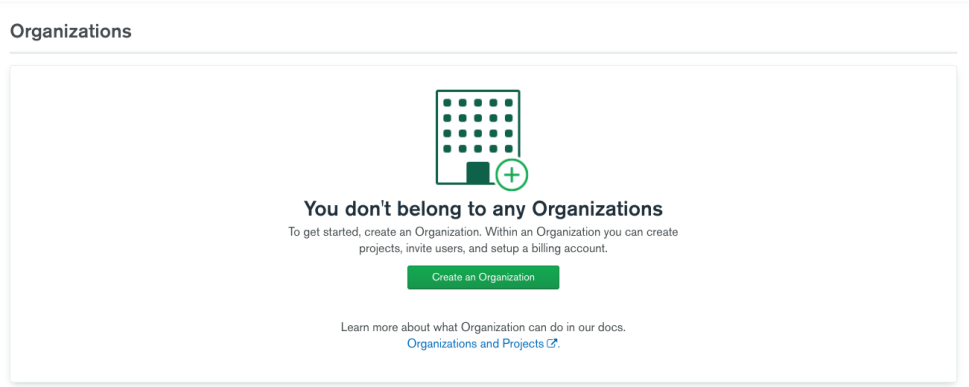


The following 10 easy steps will guide you in creating:

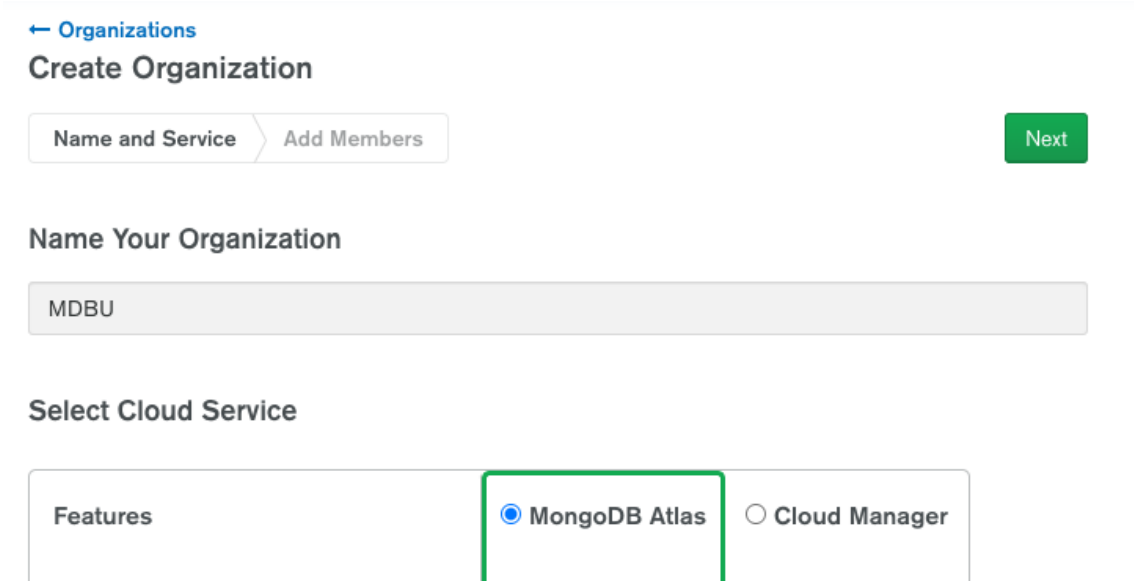
- an Atlas Organization named `MDBU`
- a Project within `MDBU` called `M001`
- a Free Tier Atlas cluster named `Sandbox`

1. Select **Create an Organization**

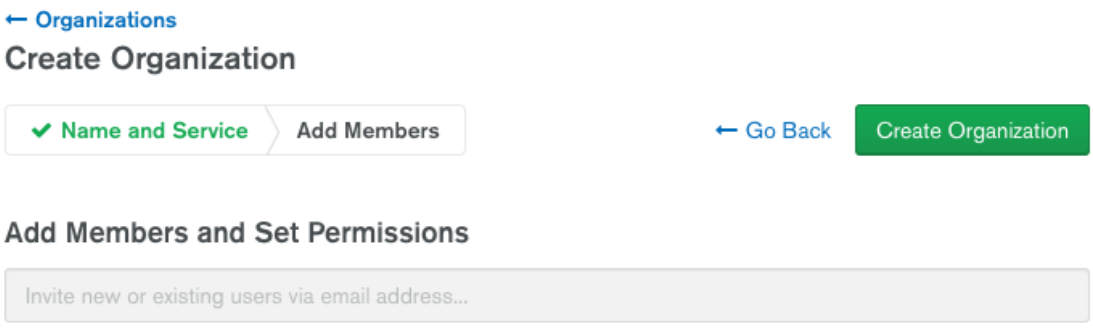
   If you already have an organization, create a new organization from this menu



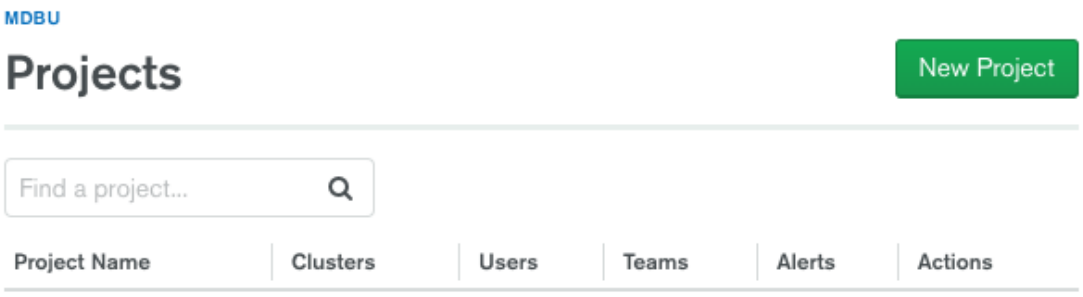
2. Name your Organization `MDBU`. Make sure that your cloud service is *Atlas*, then hit **Next**.



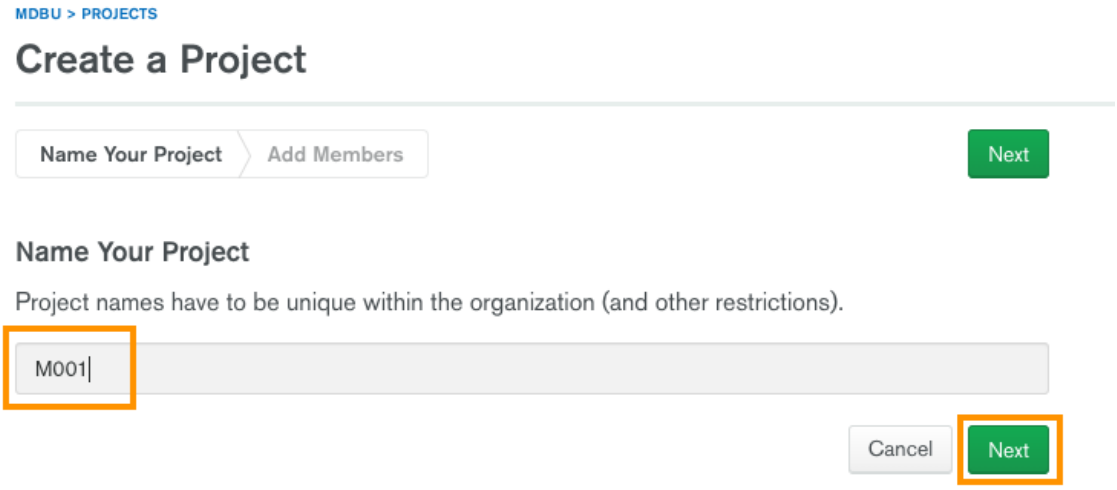
3. Hit **Create Organization**



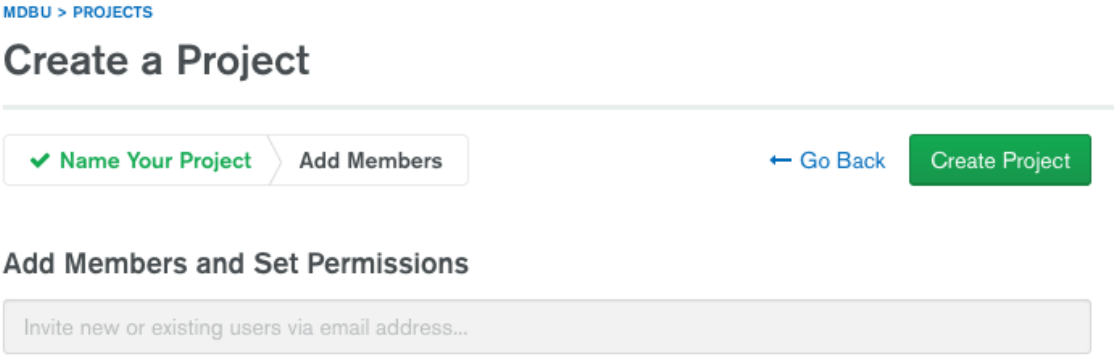
4. Hit **New Project**



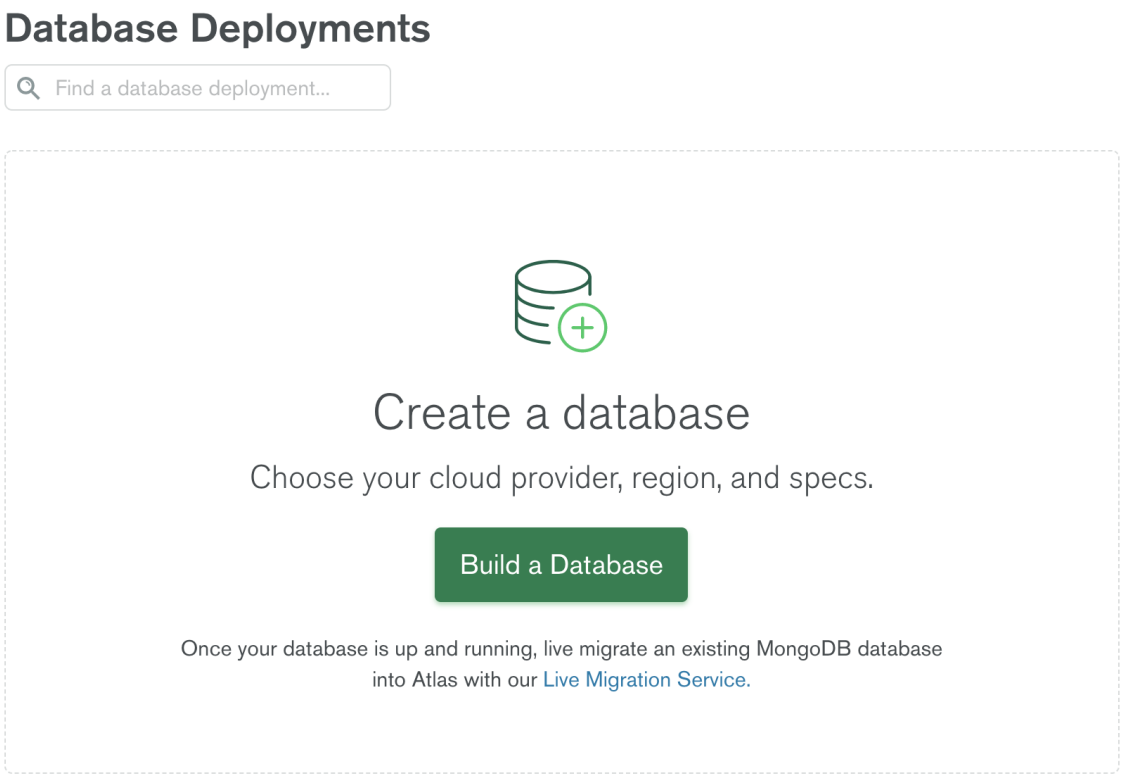
5. Name your Project `M001` and hit **Next**



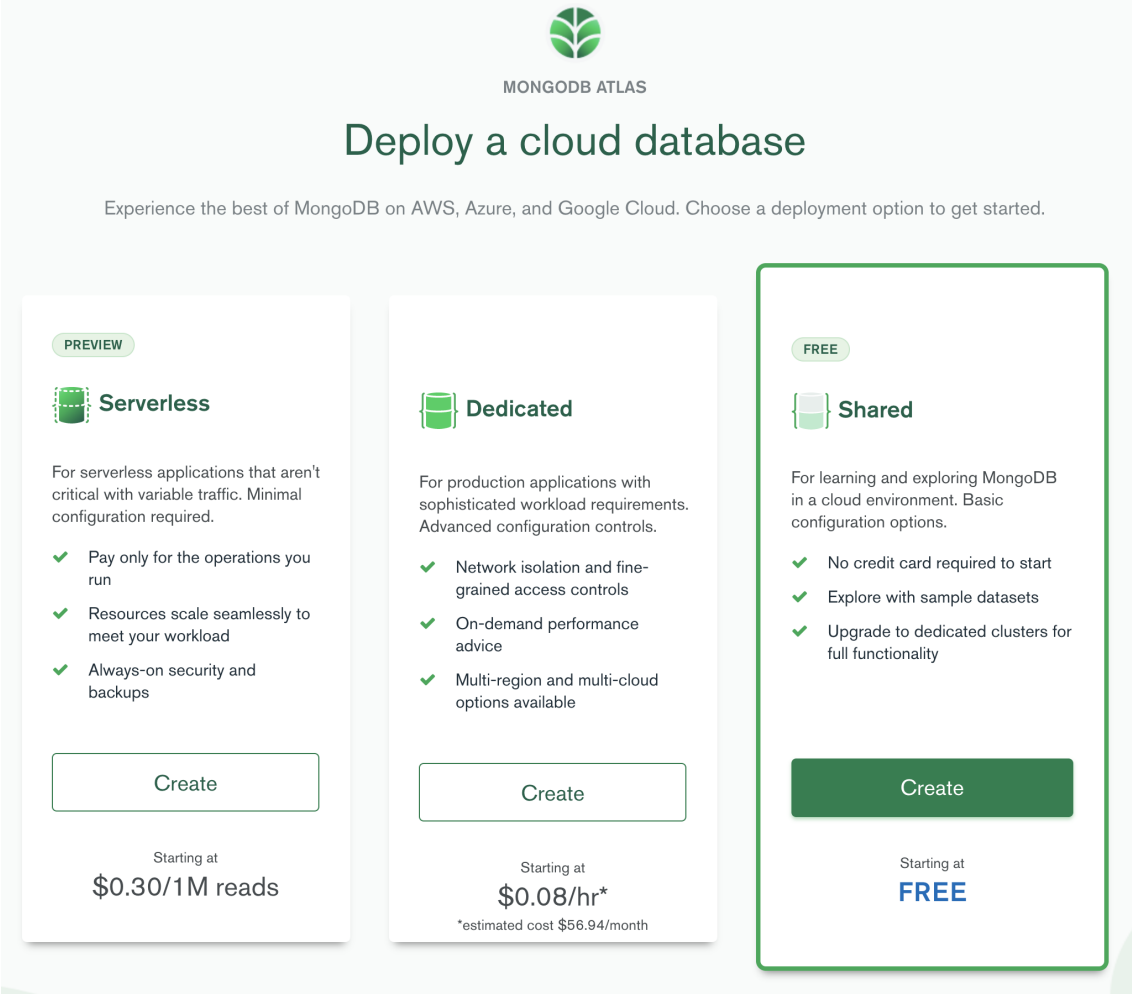
6. Select **Create Project**



7. Select **Build a Database**

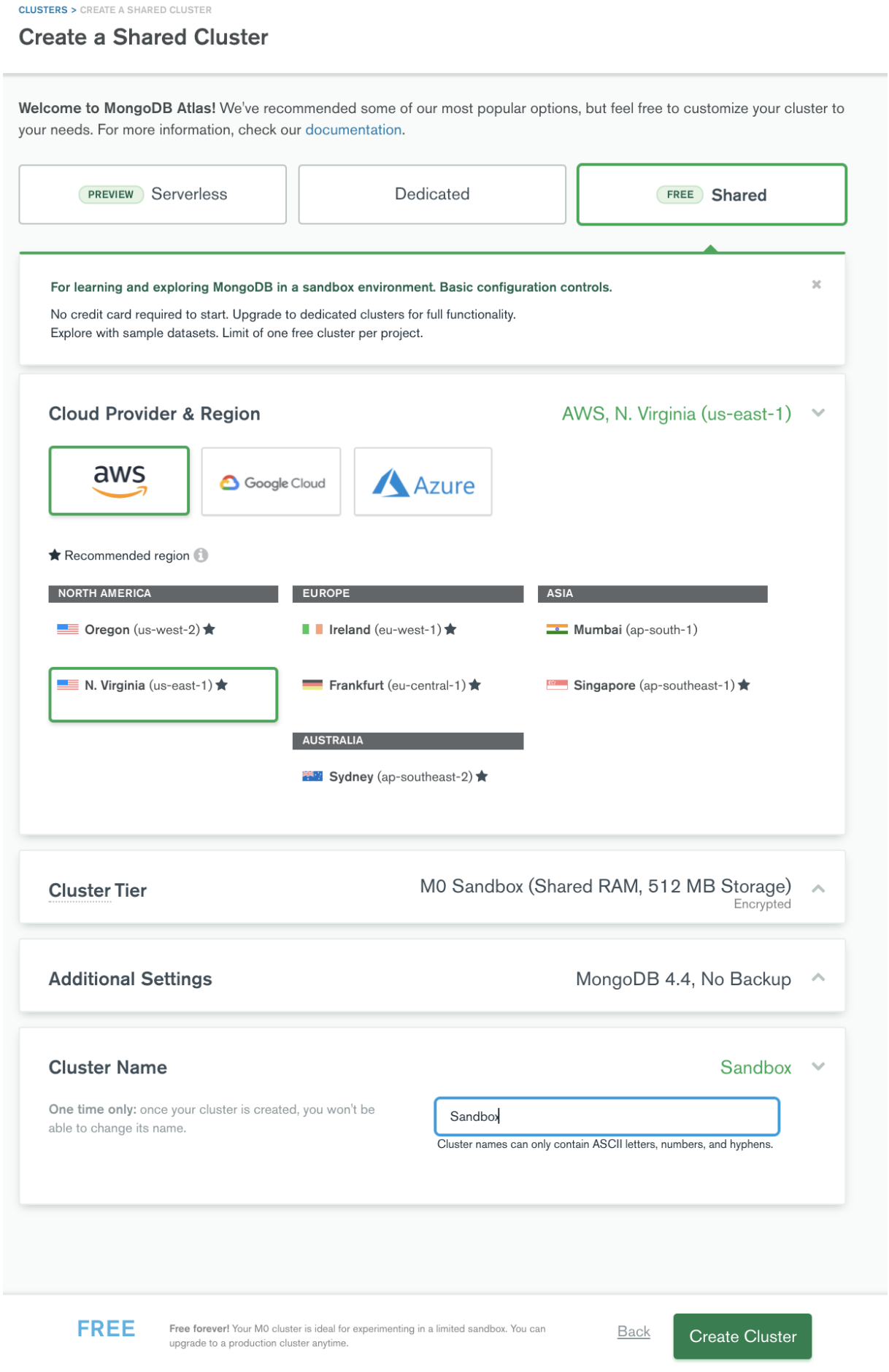


8. Select the right-most option that is **FREE** and hit **Create**



9. Select the region that is geographically closest to your location. On the bottom of the page change the cluster name to `Sandbox`. Create the cluster.

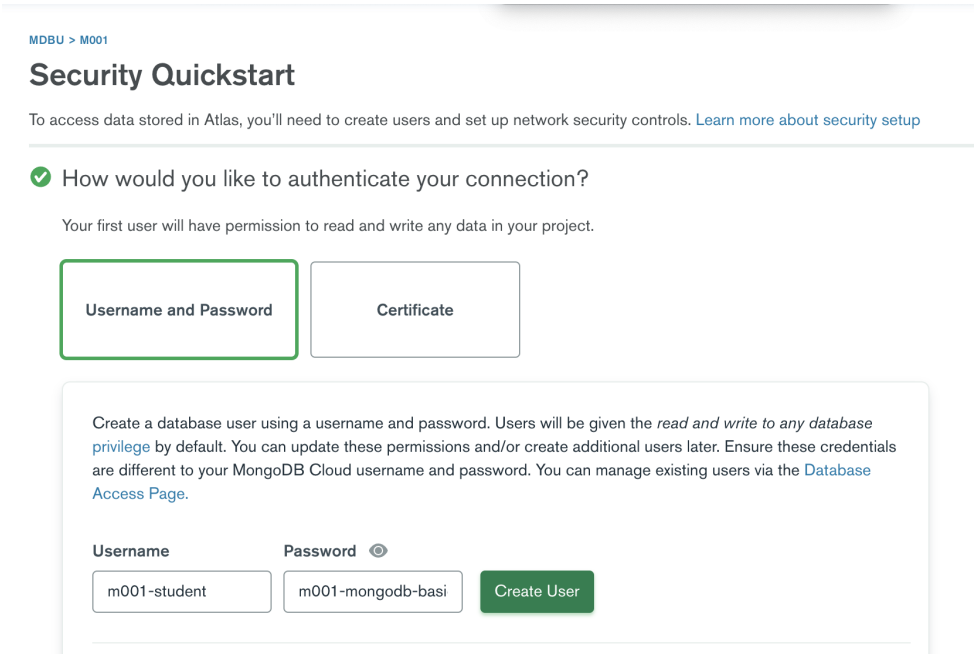
This step might take a minute or two to complete.



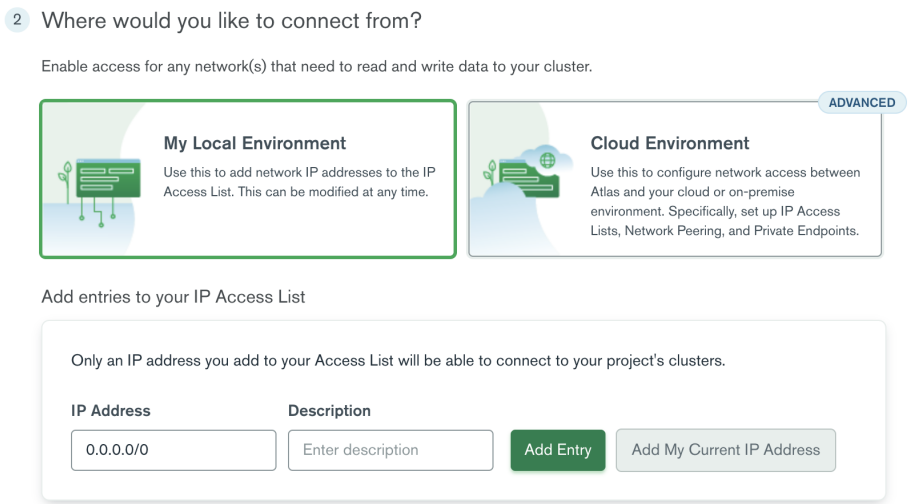
10. Now that you have an Atlas cluster you need to grant access to your IP Address and create a Database User.

    - You should see **Security Quickstart** now.
    - With **Username and Password** selected, create a user for your database with the following username and password:
        - username: `m001-student`
        - password: `m001-mongodb-basics`

      Click on **Create User**



    - Select the option on the left **My Local Environment** and add an entry under **Add entries to your IP Access List**. Add your local IP address `0.0.0.0/0` and click **Add Entry**

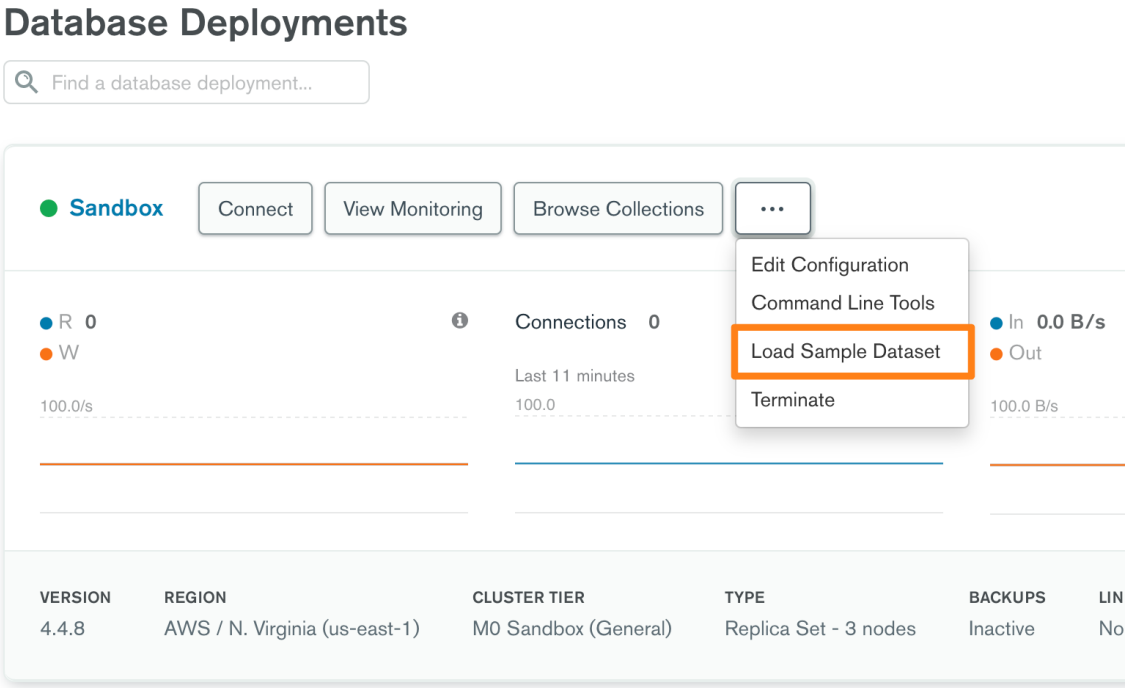


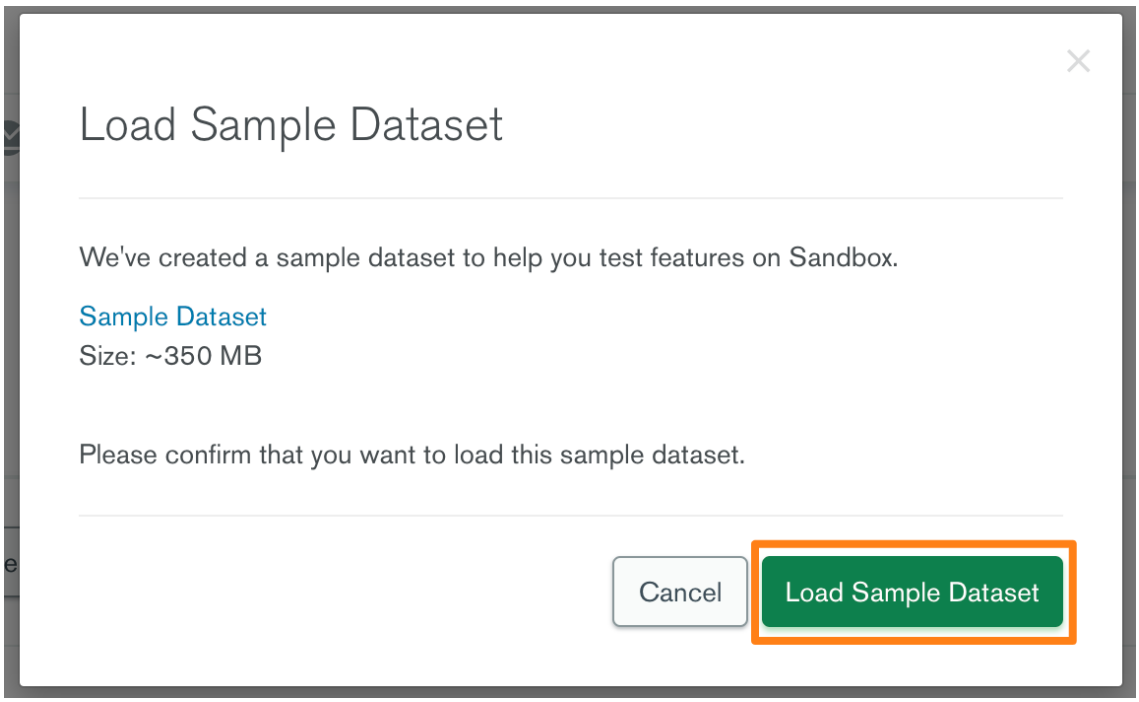
Allowing access from anywhere is *not a good security practice. Production clusters should not have this enabled and should limit network access.

- Finally, click **Finish and Close** at the bottom.

Load the Sample Dataset

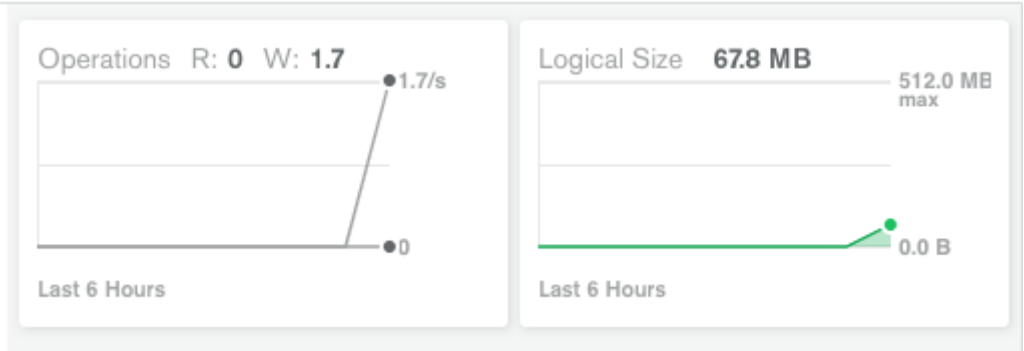
Select the **"..."** option in the cluster menu -> choose the **"Load Sample Dataset"** option, then confirm your choice.





When the dataset is loaded the graph labeled **"Logical Size"** on the right side of the screen should go up and display the size of the dataset that is above zero an

below *512 MB*. Your graph may look different than the picture below.



Did the logical size of the dataset and the number of operations increase in your cluster view *similar* to how it did in this image?

Attempts Remaining: ∞ **Unlimited Attempts**

Choose the best answer:

- ◯ yes
- ◯ no

Submit

Proceed to next section