

Provisioning a MongoDB Database

NEXT: ENABLING CORS ➔

MongoDB is our database, and there are tons of ways to provision one. While we could setup and configure MongoDB locally, the easiest is to create a free cloud database instance. Doing so gives you a connection URL which you can plug into mongoose and good start creating and interacting with data.

The only downside with cloud database is, when working offline, you can't successfully connect to your database. In that case, you will need to download and install an instance of MongoDB on your machine. You can do so via the [MongoDB website](#).

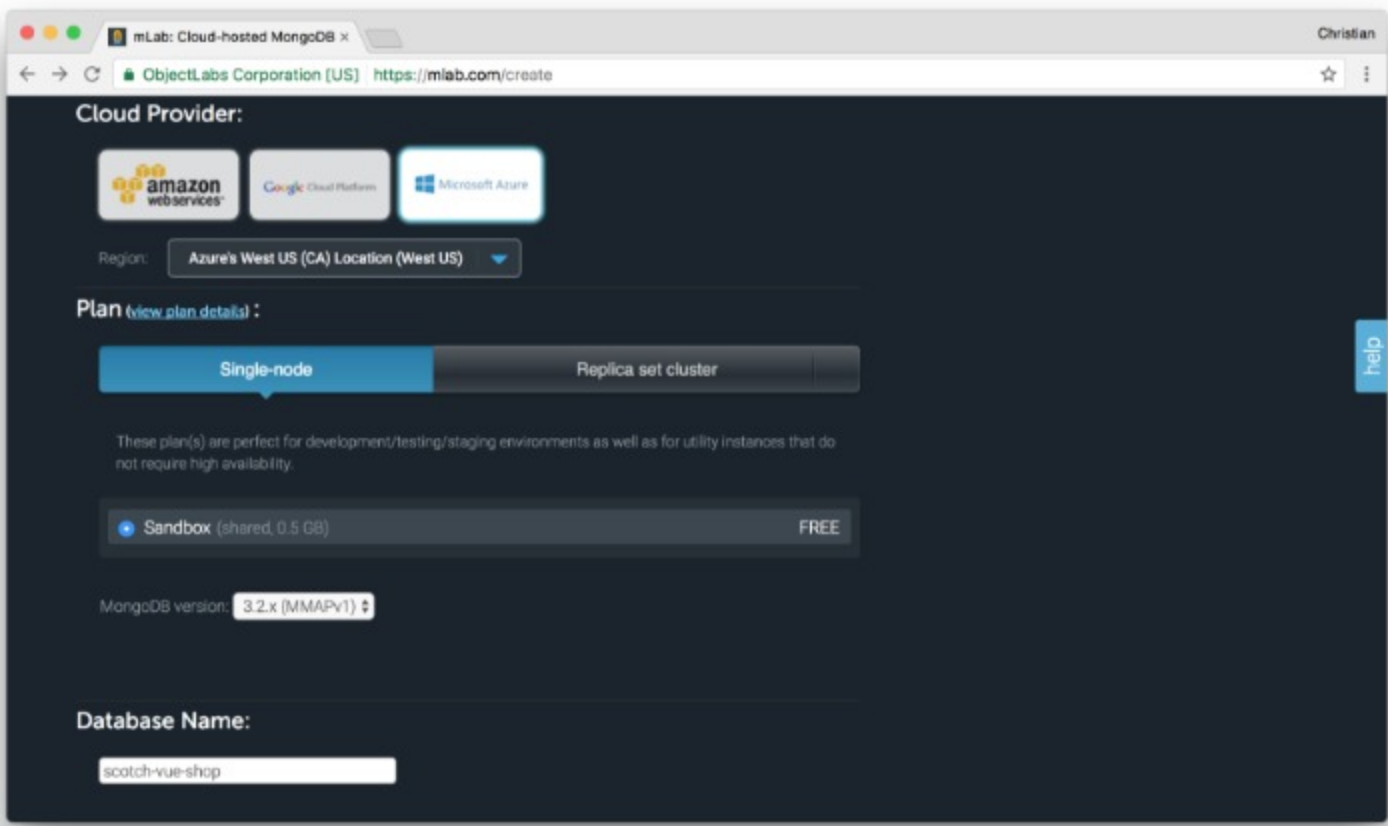
We will just stick with the cloud option because it's easier to get started with. [MongoLab](#) is the most popular because of the free tier and how easy it is to setup and integrate with different platforms.

Table of Contents

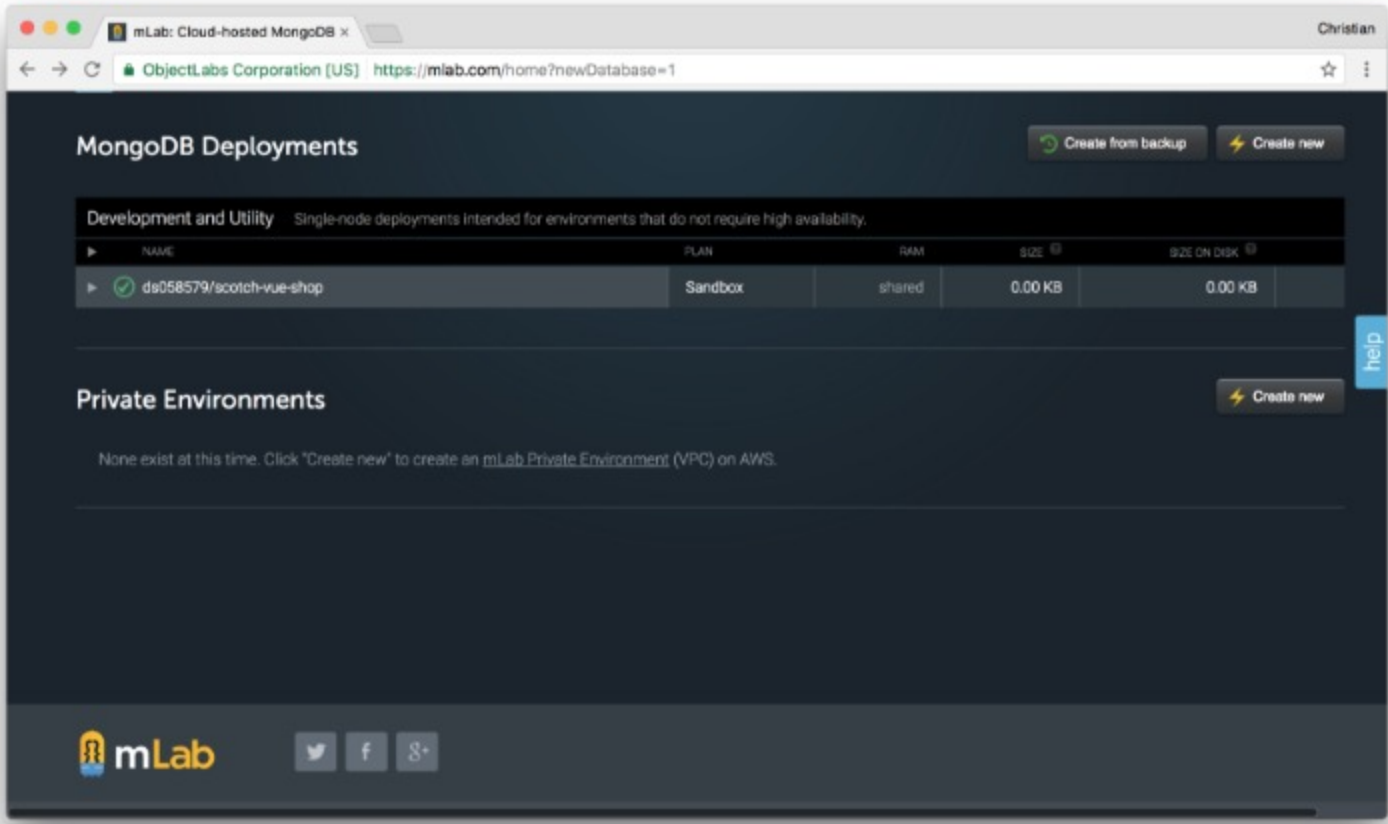
- 1 Connect to Database with Mongoose

Let's create an instance:

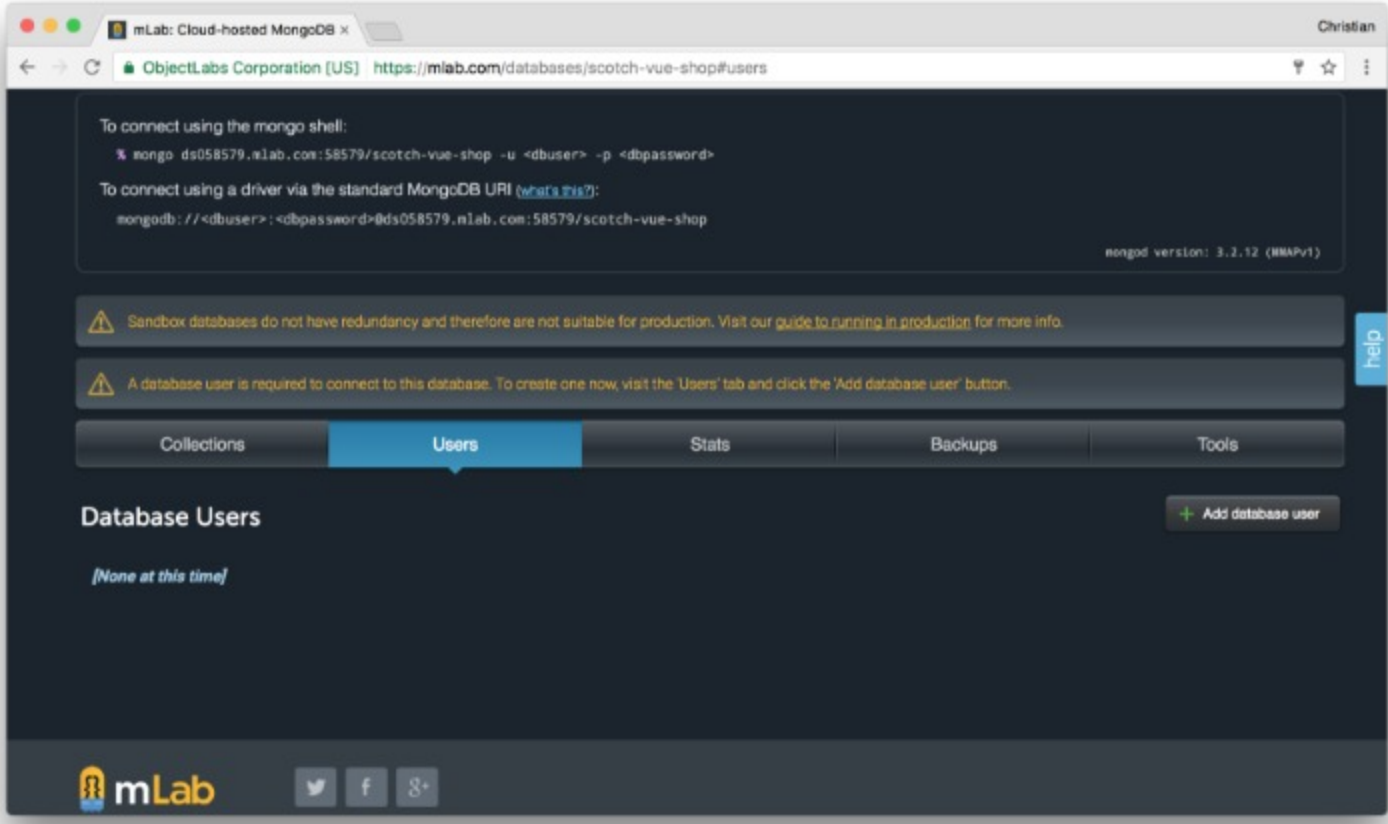
1. Create a [MongoLab account](#) if you don't have one.
2. Create a [new database](#) as shown in the following image:



1. You should see your database listed on the MongoDB deployments



1. Click on the deployment to see more information and settings. Go to the **Users** tab and create a user as shown below. The user credentials will be used to create a connection from your app using the URL



Connect to Database with Mongoose

With the database created, you need to connect to it to your app. Go to `app.js` and replace the commented place holder that reads `// Database connection here` with:

```
//...
mongoose.connect(`mongodb://${process.env.DB_USER}:${process.env.DB_PASSWORD}@${process.env.DB_URI}`)
//...
```

Note we are not hard-coding the credentials in the connection string. Rather, we are making use of environmental variables to set them up at execution time. This has lots of benefits including security.

Getting Started		
1	Introduction	Free
2	Tools	Free
3	Our Task	Free
4	Hello World	Free
Vue Basics		
5	Vue CLI	Free
6	Components and the Vue Instance	Free
7	Template Syntax	Free
8	Conditional & List Rendering	Free
9	Styles & Classes	Free
Routing		
10	Single Page Apps	Free
11	Creating Routes	Free
12	Route Outlets & Links	Free
13	Nested & Dynamic Routes	Free
Forms		
14	Two Way Binding (Reactivity)	Free
15	Form Validation	Free
16	Handling Form Submissions	Free
API Backend		
17	Prelude	Free
18	Setup	Free
19	Provisioning a MongoDB Database	Free
20	Enabling CORS	Free
21	Schemas & Models	Free
22	Routes and Controllers	Free
23	Testing with POSTman	Free
Vuex		
24	The Current Problem	Free
25	State Management	Free
26	Getters	Free
27	Mutations	Free
28	Actions	Free
Using Store In Components		
29	State and Actions on Components	Free
30	LAB: Product List	Free
31	LAB: Product Details	Free
32	LAB: Admin Features	Free
33	LAB: Spinner, Cart & Store Subscription	Free