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# MongoDB Atlas Tutorial – How to Get Started



For the following challenges, you are going to use MongoDB to store data. To simplify the configuration, you'll use a service called MongoDB Atlas.

## Create a MongoDB Atlas account

MongoDB Atlas is a MongoDB Database-as-a-Service platform,

which means that they configure and host the database for you. Then, your only responsibility will be to populate your database with what matters: data.

- [Go here](#) to sign up for a new MongoDB Atlas account.
- Fill the registration form with your information and click **Sign up**.

## Create a new cluster

- On the next page, fill in your organization's name, project's name, select JavaScript as your preferred programming language, and click the green **Continue** button.
- Click the **Create a cluster** button under Shared Clusters. This should be the only free option.
- In the **Cloud Provider & Region** dropdown, leave this as the default (typically AWS).
- In the **Cluster Tier** dropdown, leave this as the default, **M0 Sandbox (Shared RAM, 512 MB Storage)**.
- In the **Cluster Name** dropdown, you can give your cluster a name, or leave it as the default, **cluster 0**.
- Click the green **Create Cluster** button at the bottom of the screen.
- You should now see the message **Your cluster is being created. New clusters take between 1-3 minutes to provision.** Wait until the cluster is created before going to the next step.

## Create a new user for the

# database

- On the left side of screen, click on **Database Access**.
- Click the green **Add New Database User** button.
- In the modal, enter a new username and password.
- Under **Database User Privileges**, leave this as the default option, **Read and write to any database**.
- Click the **Add User** button to create your new user.

## Allow access from all IP addresses

- On the left side of the screen, click on **Network Access**.
- Click the green **Add IP Address** button.
- In the modal, click the **ALLOW ACCESS FROM ANYWHERE** button. You should see `0.0.0.0/0` in the Access List Entry entry field.
- Click the green **Confirm** button.

## Connect to your cluster

- Click on the green **Get Started** button in the bottom left of your screen should now show you the final step, **Connect to your cluster**, click on it.
- On the left side of the screen, click on **Clusters**.
- Click the **Connect** button for your cluster.
- In the popup modal, click on **Connect your application**.
- You should see the URI you'll use to connect to your database similar to this: `mongodb+srv://<username>:`

```
<password>@<cluster-name>.mongodb.net/<db-name>?  
retryWrites=true&w=majority .
```

- Click the **Copy** button to copy your URI to your clipboard.

Notice that the `<username>`, `<cluster-name>`, and `<db-name>` fields of URI you copied are already filled out for you. All you need to do is replace the `<password>` field with the one you created in the previous step.

And that's it — you now have the URI to add to your application and connect to your database. Keep this URI safe somewhere so you can use it later.

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