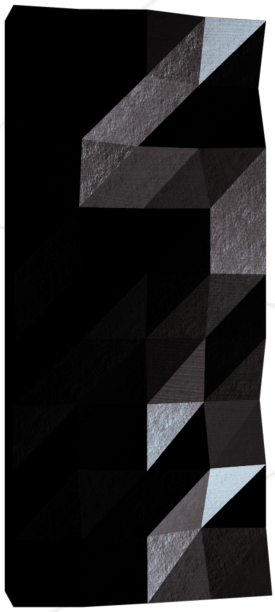

MongoDB

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Summary: Setup a MongoDB cloud account and cluster.

Contents

Chapter I

Introduction

When building applications, whether it's a social media app or a todo list, different types of data often need to be stored. MongoDB is one versatile option for storing data. It's an open source, non-relational database that uses a document model allowing for flexibility in the structuring of your data. It's also highly scalable, dynamic, and the leading NoSQL database.

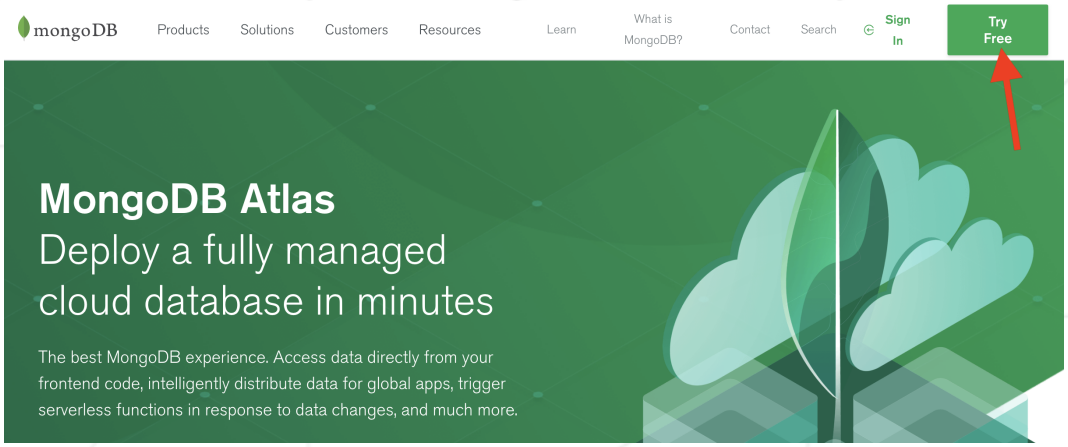
Additional Resources:

- What is MongoDB
- NoSQL vs. SQL, what's the difference?
- Should you use MongoDB?

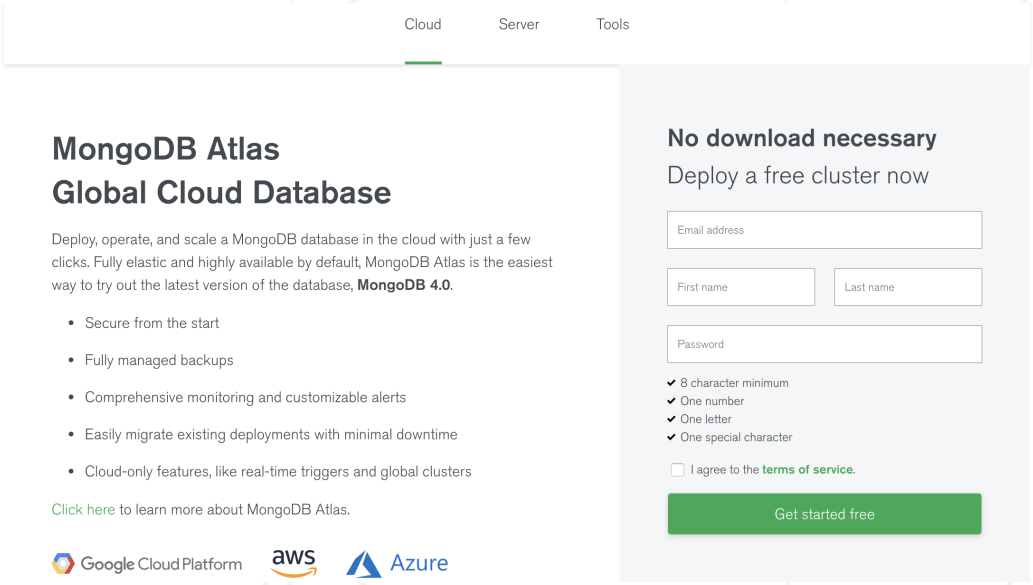
Chapter II

Instructions

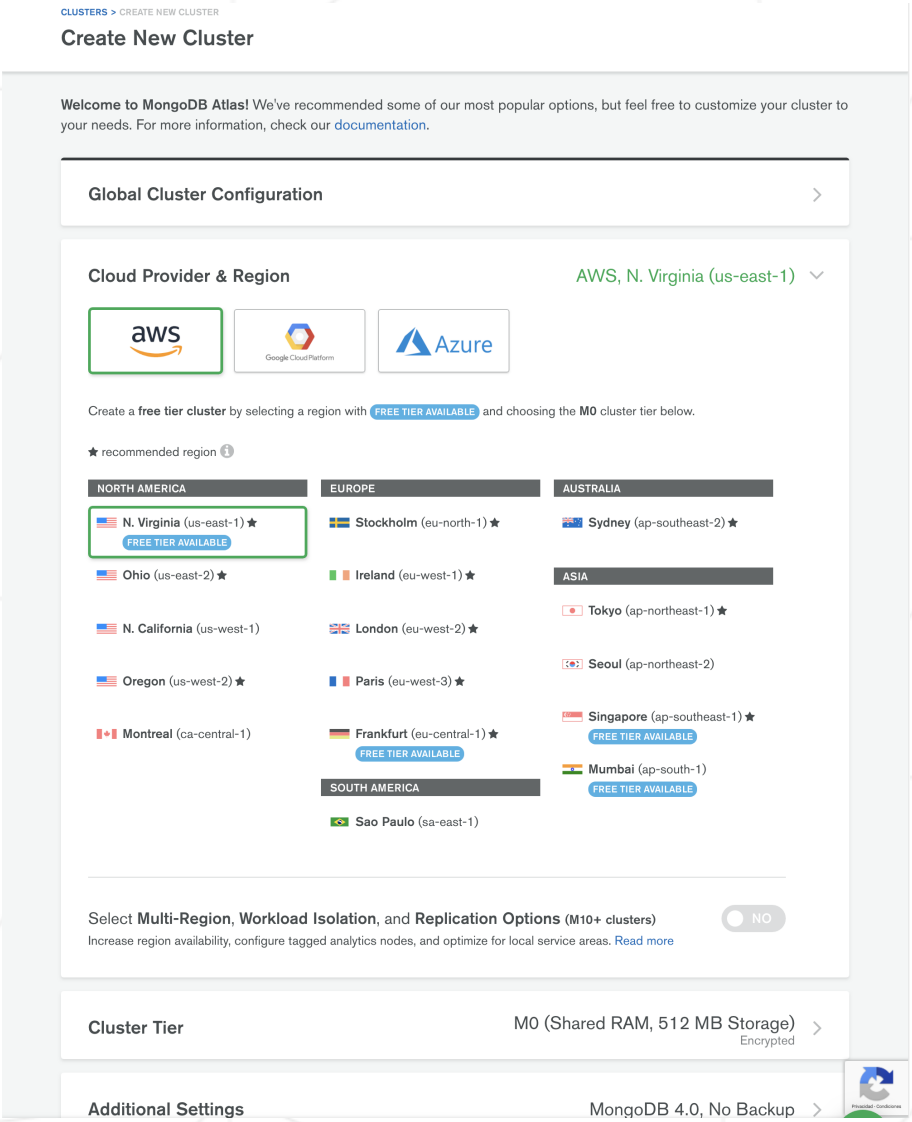
First head to https://www.mongodb.com/

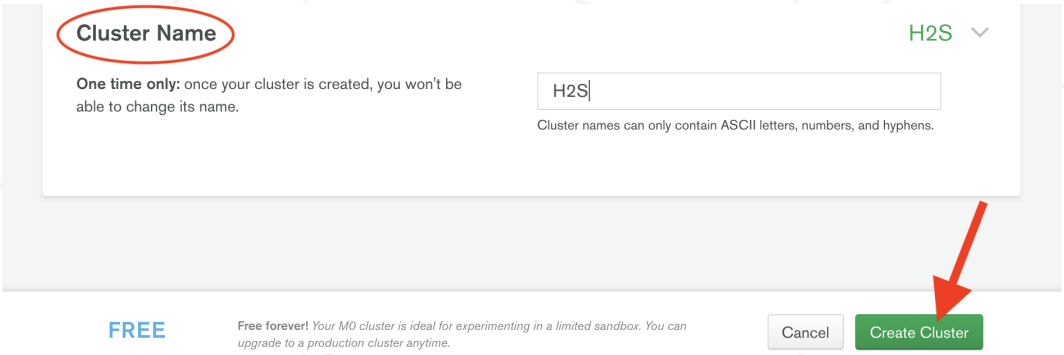


Fill out the simple form to create an account

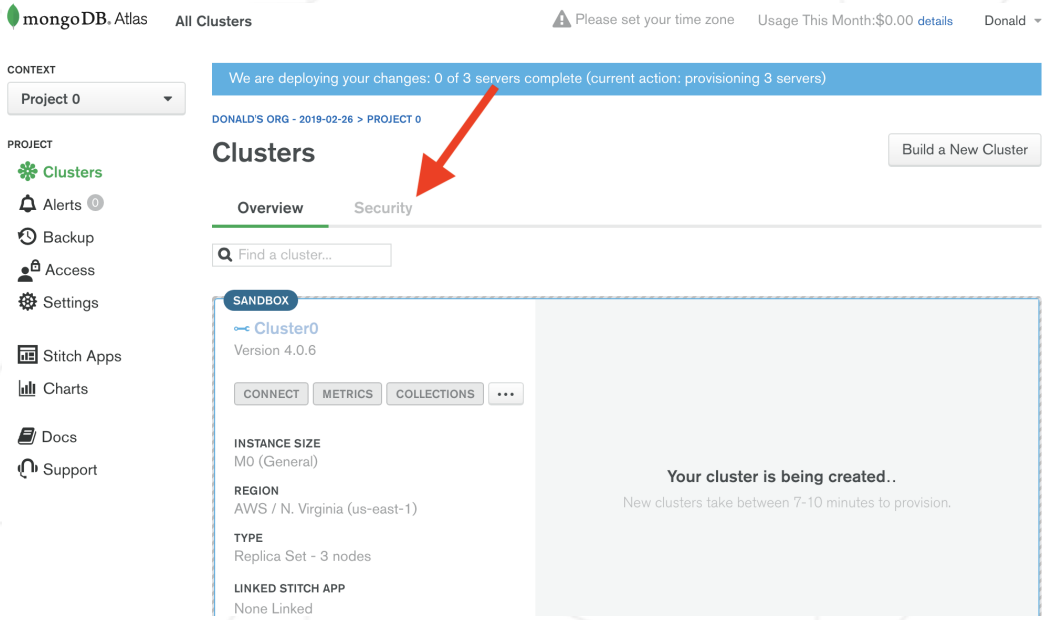


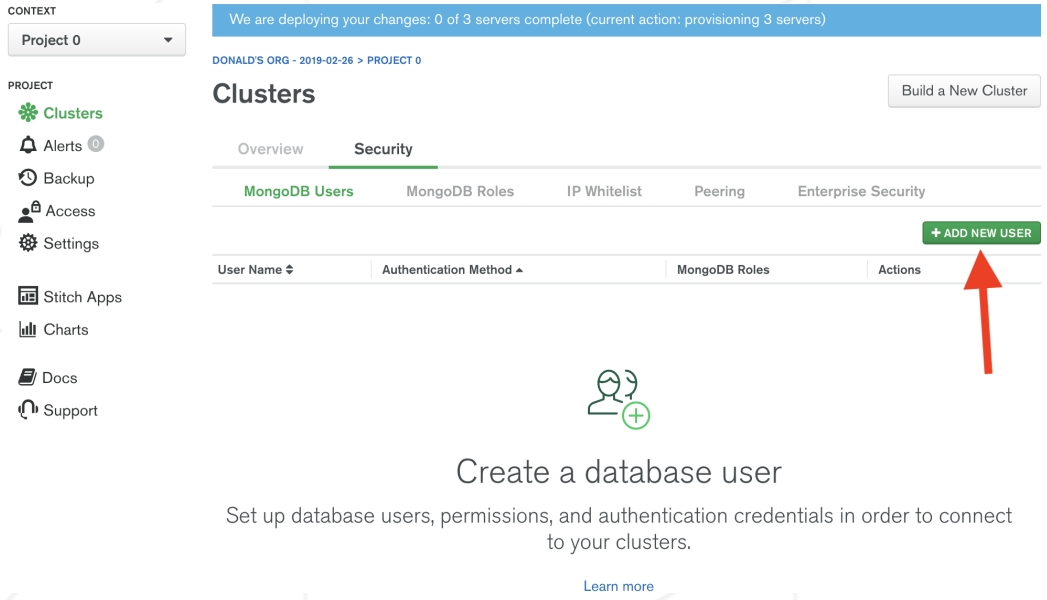
Once you start creating a new cluster the only piece of the form you should change is the Cluster Name, at the bottom

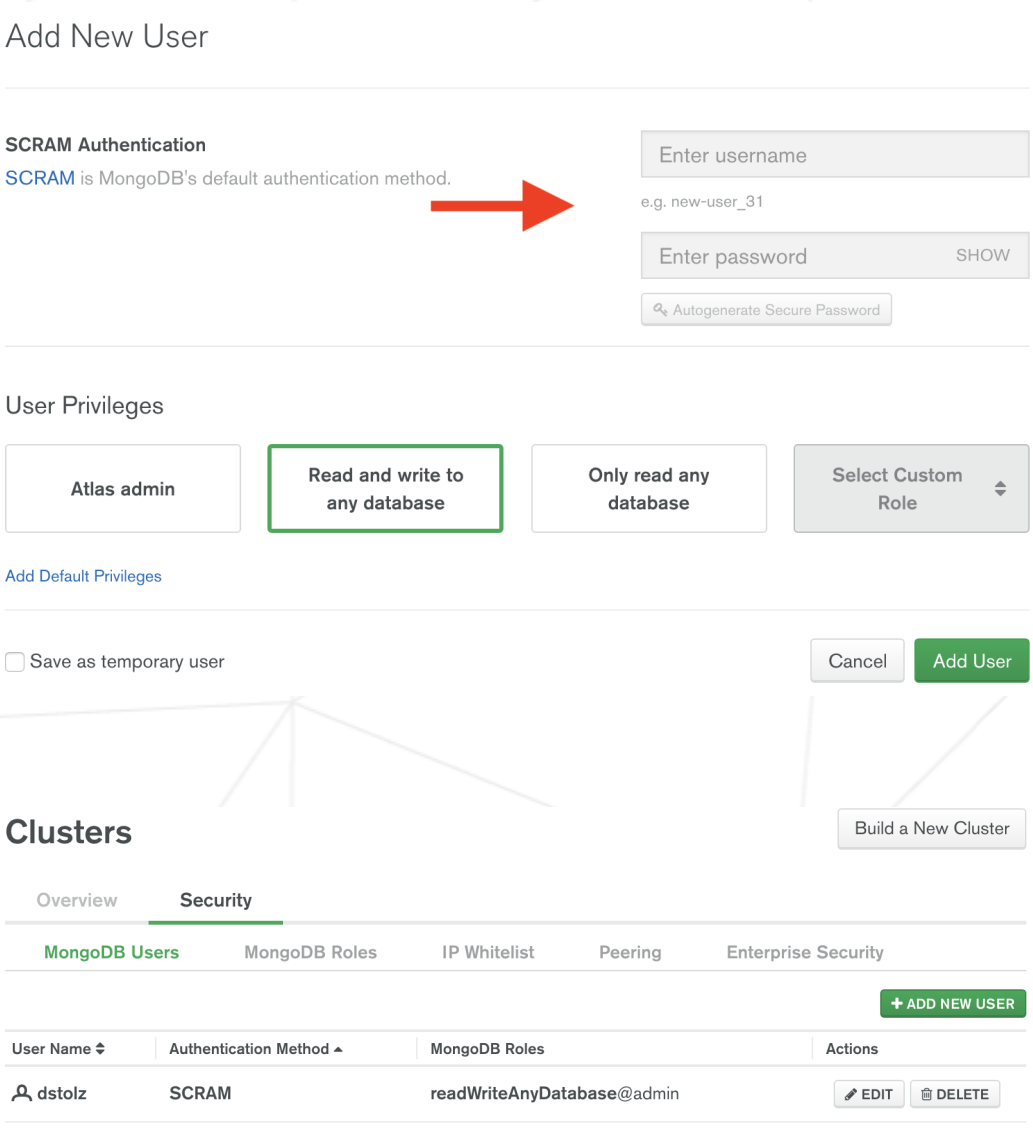




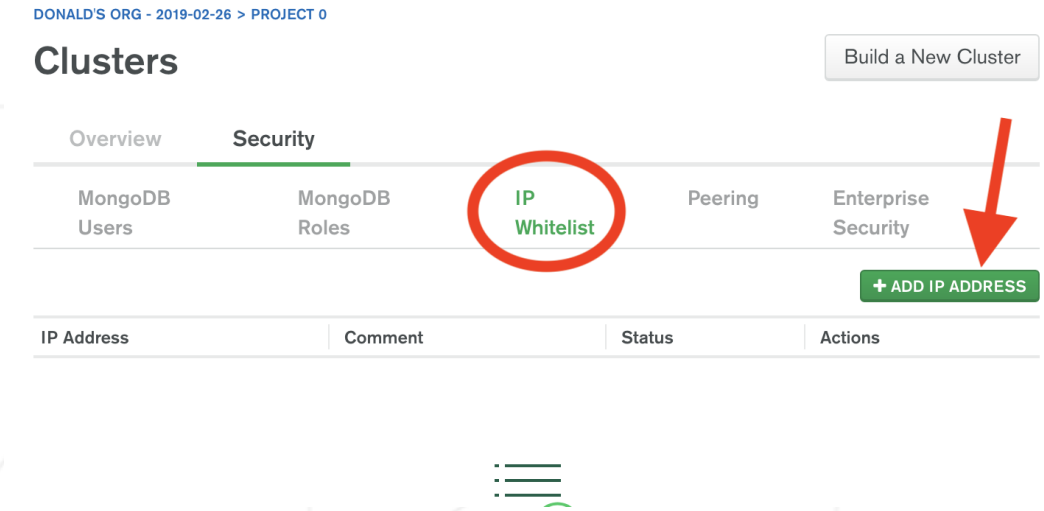
Now create a database user. This will allow you to connect to your cluster as a specific user. You can set up different permissions and authentication credentials for different users (for example if someone is allowed to read the data in your database but not modify it).

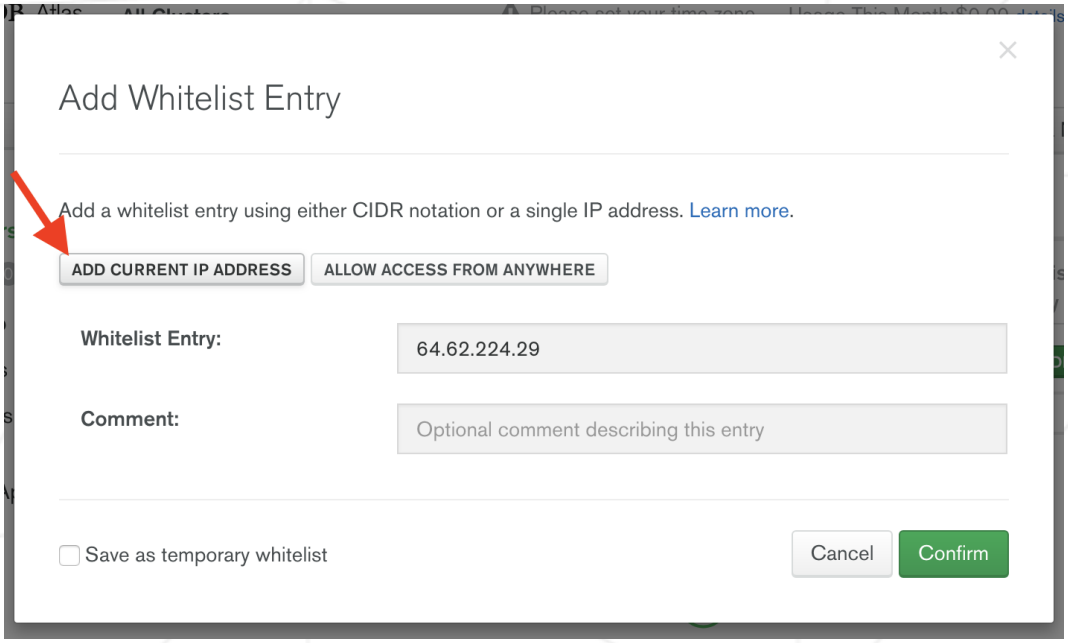




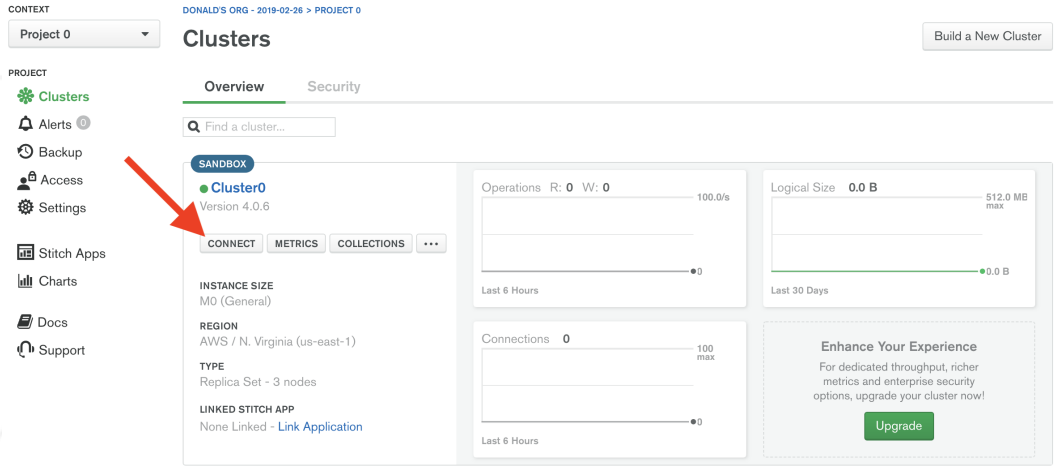

Add New User
SCRAM Authentication
SCRAM is MongoDB's default authentication method.
Enter username
e.g. new-user_31
Enter password
SHOW
Autogenerate Secure Password
User Privileges
Atlas admin
Read and write to any database
Only read any database
Select Custom Role
Add Default Privileges
Save as temporary user
Cancel
Add User
Clusters
Build a New Cluster
Overview
Security
MongoDB Users
MongoDB Roles
IP Whitelist
Peering
Enterprise Security
+ ADD NEW USER
User Name
Authentication Method
MongoDB Roles
Actions
dstolz
SCRAM
readWriteAnyDatabase@admin
EDIT
DELETE

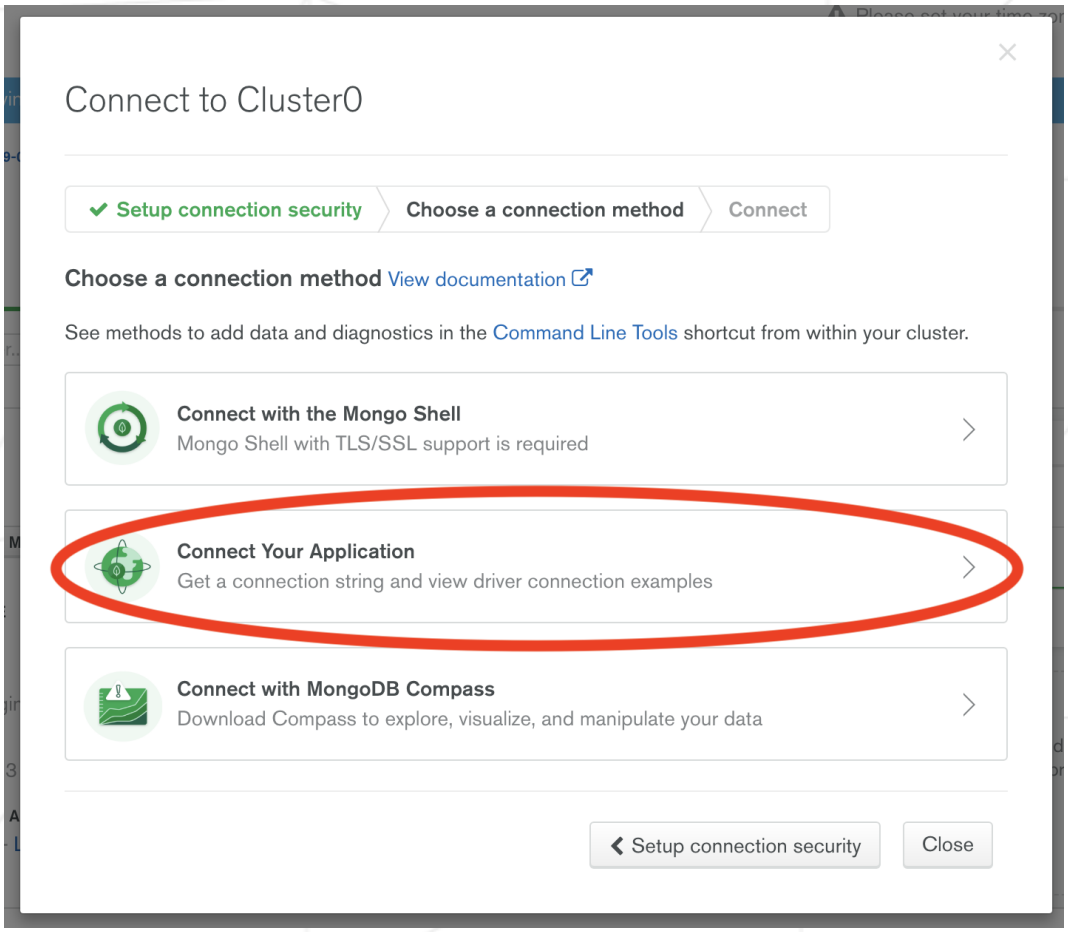
After creating a user you will need to whitelist your IP address



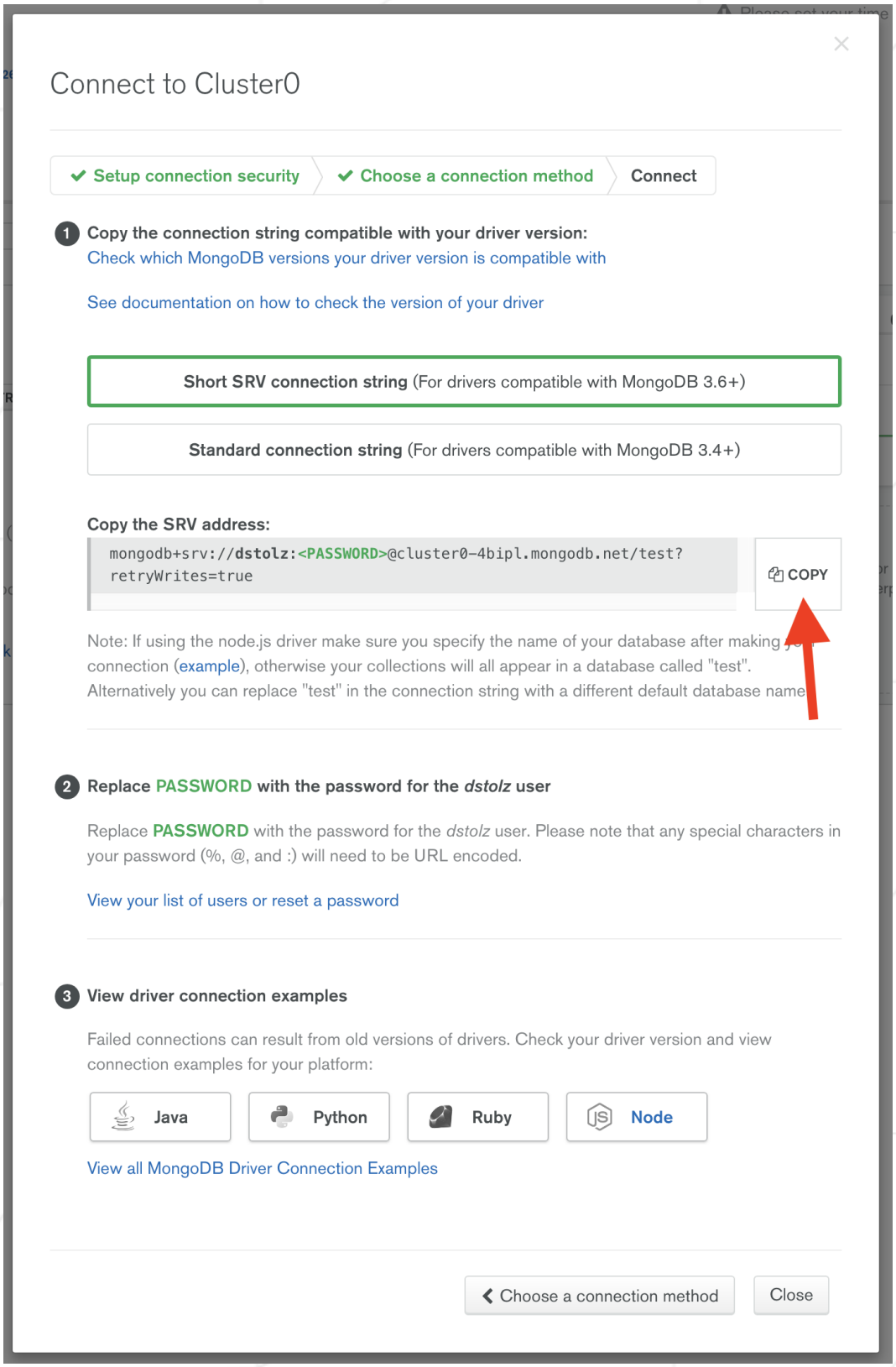


Once we have a user and our IP address is whitelisted we can get the address for connecting our app.





This is the address we will need for connecting to our database.



That's all for this project, but we will cover more MongoDB in the NodeJS course where you'll be using MongoDB to store your todo list items.