4.6 Set a Replica Set

This section will guide you to:

* Start a replica set

This lab has four subsections, namely:

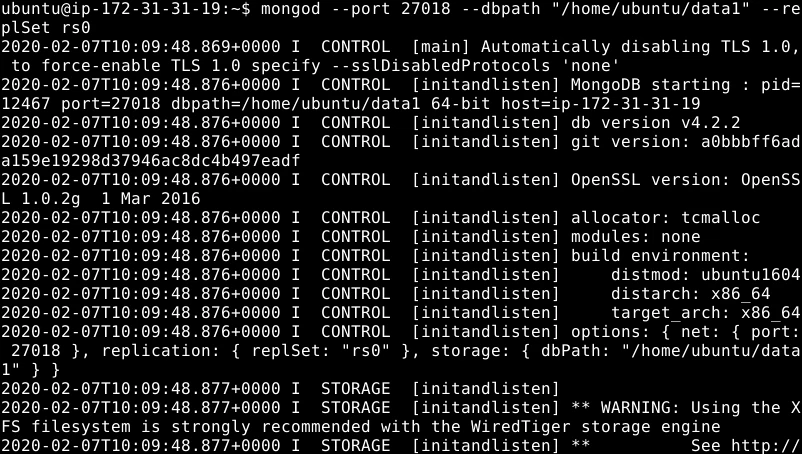
* + 1. Creating directories in C drive
    2. Setting up Replica sets
    3. Connecting to Mongo shell
    4. Pushing the code to GitHub repositories
* *MongoDB is already installed in your lab. (Refer MEAN: Lab Guide - Phase 3)*

**Step 4.6.1:** Creating directories in C drive

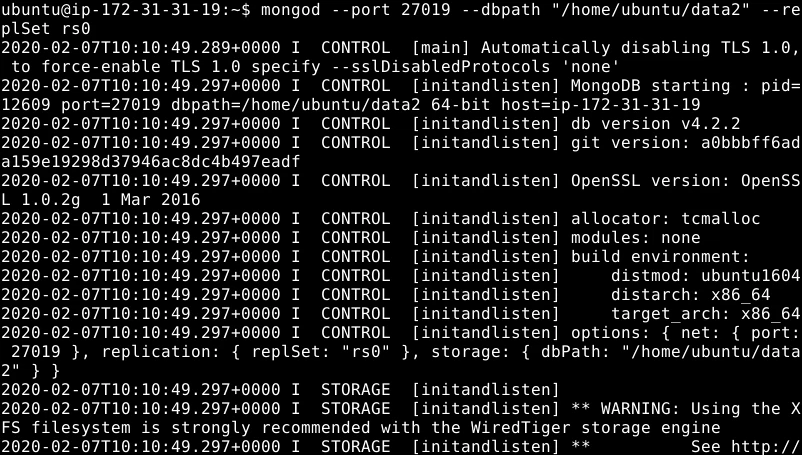
* Create directories data1 and data2 using **mkdir data1** and **mkdir data2**

**Step 4.6.2:** Setting up Replica sets

* Open the terminal
* Type **mongod --port 27018 --dbpath "/home/ubuntu/data1" --replSet rs0**

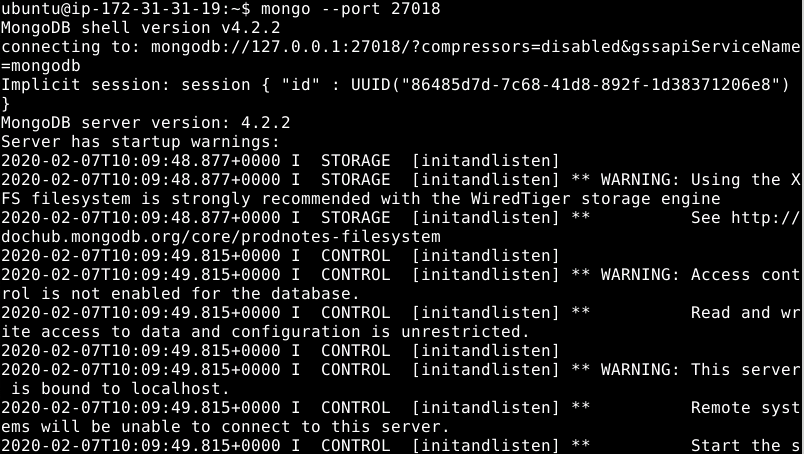


* Open another terminal
* Type **mongod --port 27019 --dbpath "/home/ubuntu/data2" --replSet rs0**

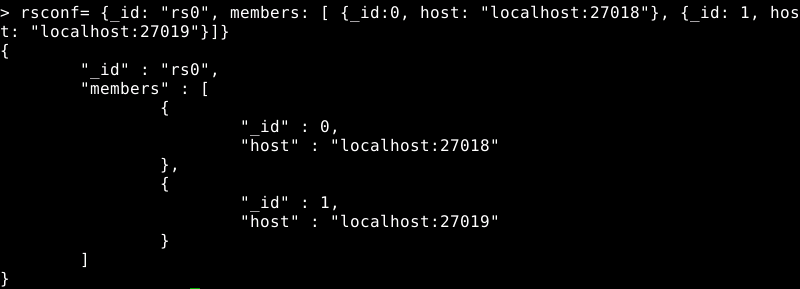


**Step 4.6.3:** Connecting to MongoDB shell

* Open another terminal
* Type **mongo --port 27018**



* Type **rsconf= {\_id: "rs0", members: [ {\_id:0, host: "localhost:27018"}, {\_id: 1, host: "localhost:27019"}]}**
* Type **rs.initiate(rsconf)**



**Step 4.6.4:** Pushing the code to GitHub repositories

Open your command prompt and navigate to the folder where you have created your files.

cd <folder path>

Initialize your repository using the following command:

git init

Add all the files to your git repository using the following command:

git add .

Commit the changes using the following command:

git commit . -m “Changes have been committed.”

Push the files to the folder you initially created using the following command:

git push -u origin master