



1. AWS Deployment 20% (/m/59/5447)

EC2 Set Up (/m/

MySQL and Data Export (/m/

Apache Set Up

Spring Boot Set Up

JDK and systemd

Chapter Survey

CHECKLIST

MySQL and Data Export

In this lesson, we are going to install MySQL and export our data from our local computer to the

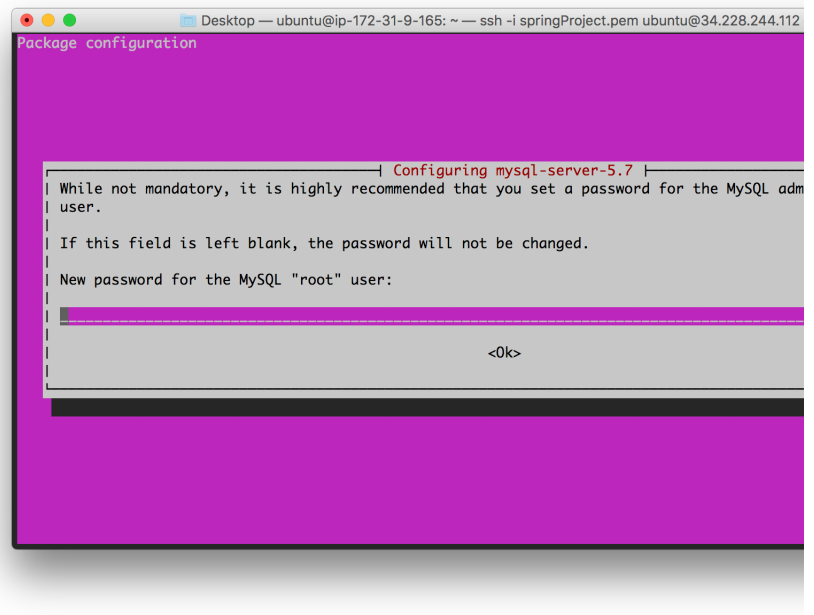
Installing MySQL

Make sure you are logged into your EC2.

1. To install MySQL, run the following command in your server:

```
sudo apt-get install mysql-server
```

The system will ask you fill in a password for the root MySQL user. Make sure to use something



2. Once the installation is complete, you should be able to login into the MySQL as the root user

```
mysql -u root -p
```

When prompted, enter the root password you created during the installation.



BACK TO TRACKS

```

Desktop — ubuntu@ip-172-31-9-165: ~ — ssh -i springProject.pem ubuntu@34.228.244.112
ubuntu@ip-172-31-9-165:~$ mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 5.7.19-0ubuntu0.16.04.1 (Ubuntu)

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

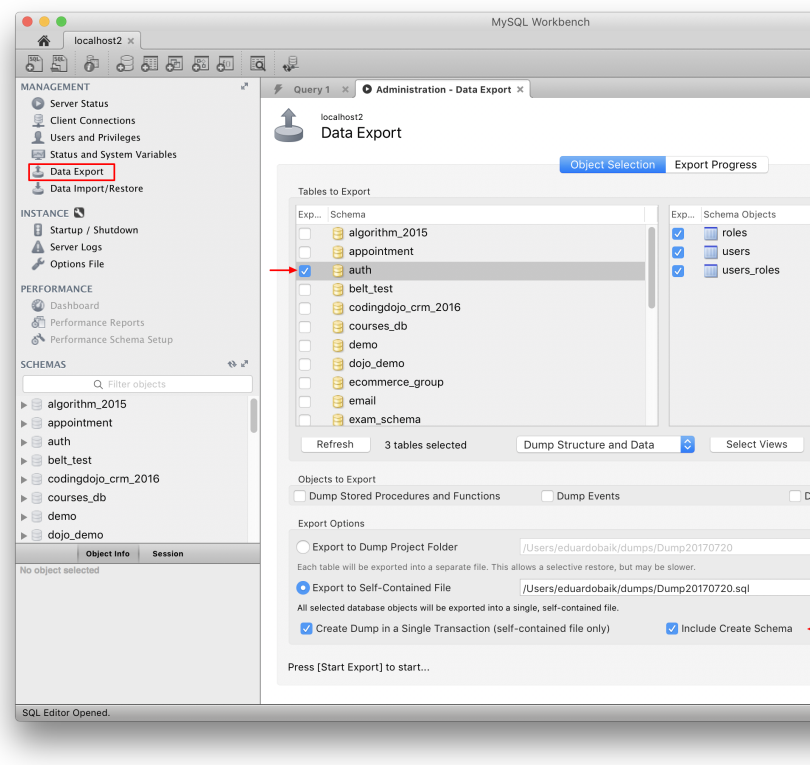
mysql>

```

CHECKLIST

Data Export

1. Open MySQLWorkbench on the connection that contains the schema of the Spring Boot prc
2. Click on the the Data Export option, choose your schema, and select "Include Create Schem



Click "Start Export" and it will dump your data into a SQL file. Once the exporting is complete you the directory where the SQL file is located. In this example, the full path is

/Users/eduardobaik/dumps/Dump20170720.sql .

3. Copy the contents of the dumped SQL file and paste it in the MySQL shell in your server.

[BACK TO TRACKS](#)

```
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mysql>
```

CHECKLIST

4. In MySQL, run `show databases;` to see if your schema has been imported correctly. To see if you can run use `use <<yourSchema>>;` and `show tables;` .

```
Desktop — ubuntu@ip-172-31-9-165: ~ — ssh -i springProject.pem ubuntu@34.228.244.112

mysql>
mysql> -- Dump completed on 2017-07-20 16:37:08
mysql> show databases;
+-----+
| Database |
+-----+
| information_schema |
| auth      |
| mysql     |
| performance_schema |
| sys       |
+-----+
5 rows in set (0.00 sec)

mysql> use auth;
Database changed
mysql> show tables;
+-----+
| Tables_in_auth |
+-----+
| roles           |
| users           |
| users_roles     |
+-----+
3 rows in set (0.00 sec)

mysql>
```

5. To exit MySQL, you can run `quit` .

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