

TASK 7.2

BACKUP AND RESTORE DATABASE

BACKUP

mysqldump -u root -p MyDB > /backup/MyDB.dump

```
[root@ip-172-31-45-131 ~]#
[root@ip-172-31-45-131 ~]#
[root@ip-172-31-45-131 ~]# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 64
Server version: 10.3.27-MariaDB MariaDB Server

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

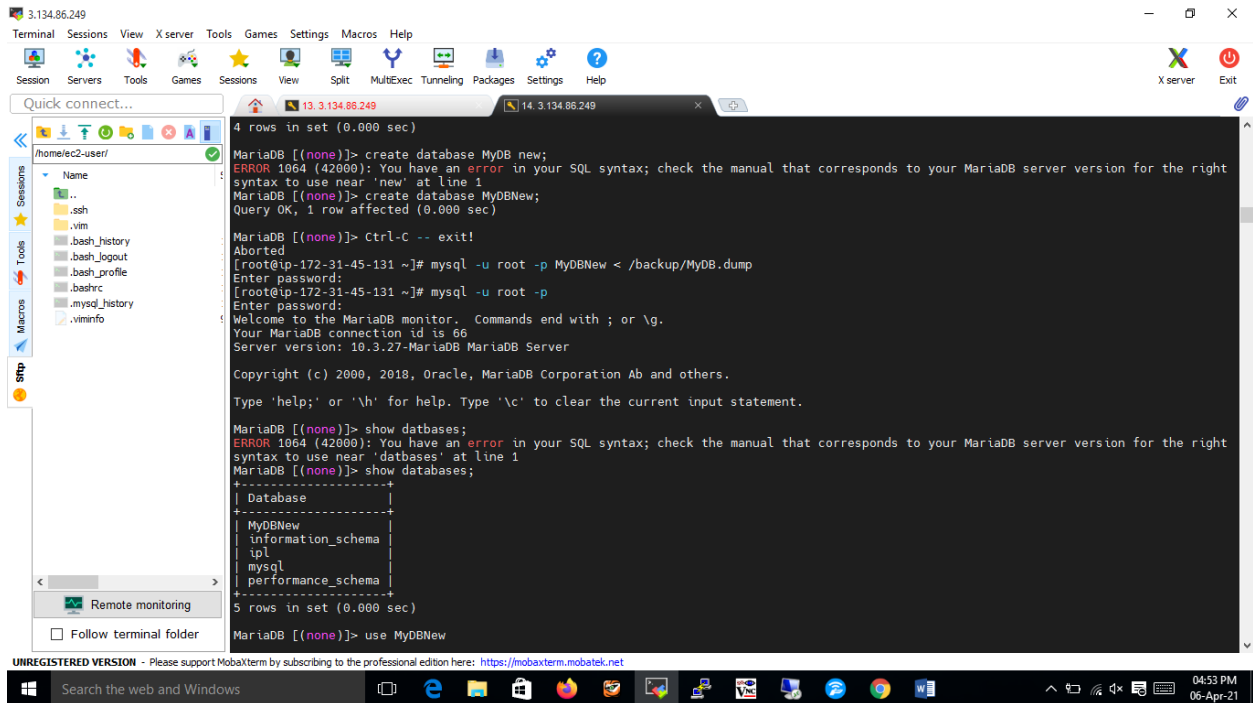
MariaDB [(none)]> delete MyDB;
ERROR 1046 (3D000): No database selected
MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| MyDB     |
| information_schema |
| ipl      |
| mysql    |
| performance_schema |
+-----+
5 rows in set (0.000 sec)

MariaDB [(none)]> delete database MyDB;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'database MyDB' at line 1
MariaDB [(none)]> drop database MyDB;
Query OK, 1 row affected (0.010 sec)

MariaDB [(none)]>
MariaDB [(none)]>
MariaDB [(none)]>
MariaDB [(none)]>
MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| MyDB     |
| information_schema |
| ipl      |
| mysql    |
| performance_schema |
+-----+
5 rows in set (0.000 sec)
```

RESTORE

```
# mysql -u root -p MyDBNew < /backup/MyDB.dump
```



```
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Name
...
.ssh
.vim
.bash_history
.bash_logout
.bash_profile
.bashrc
.mysql_history
.viminfo
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4 rows in set (0.000 sec)
MariaDB [(none)]> create database MyDB new;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'new' at line 1
MariaDB [(none)]> create database MyDBNew;
Query OK, 1 row affected (0.000 sec)

MariaDB [(none)]> Ctrl-C -- exit!
Aborted
[root@ip-172-31-45-131 ~]# mysql -u root -p MyDBNew < /backup/MyDB.dump
Enter password:
[root@ip-172-31-45-131 ~]# mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 86
Server version: 10.3.27-MariaDB MariaDB Server

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

MariaDB [(none)]> show databases;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MariaDB server version for the right syntax to use near 'databases' at line 1
MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| MyDBNew  |
| information_schema |
| ipl      |
| mysql    |
| performance_schema |
+-----+
5 rows in set (0.000 sec)

MariaDB [(none)]> use MyDBNew
```

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Quick connect...

/home/ec2-user/

Sessions

Tools

Macros

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MariaDB [(none)]> use MyDBNew

Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed

MariaDB [MyDBNew]> show tables;

-----+-----
| Tables_in_MyDBNew |
+-----+-----
| EMPDetails |
+-----+-----
1 row in set (0.000 sec)

MariaDB [MyDBNew]> select * from E

EACH EMPDetails.FirstName ENCRYPT EQUALS EXIT EXTRACT
ELSE EMPDetails.LastName END ERRORS EXP Email
ELSEIF EMPDetails.Phone ENDPOINT ESCAPE EXPANSION
ELT EMPID ENGINE ESCAPED EXPLAIN
EMPDetails EMPID ENABLE ENGINES EVENTS EXPORT_SET
EMPDetails EMPID ENCLOSED ENUM EXECUTE EXTENDED
EMPDetails Email ENCODE ENVELOPE EXISTS EXTERIORRRING

MariaDB [MyDBNew]> select * from EMPDetails

-> ;

| EMPID | FirstName | LastName | Email | Phone |
|-------|-----------|-------------|-----------------|---------|
| 1 | MS | Dhoni | msd@csk.com | 100 |
| 2 | Suresh | Raina | raina@csk.com | 101 |
| 3 | Sourav | Ganguly | ganguly@kkr.com | 102 |
| 4 | Virat | Kohli | kohli@rcb.com | 103 |
| 5 | AB | De Villiers | abd@rcb.com | 360 |
| 11 | 123 | 565 | 55 | 123 |
| 22 | Natta | Rajan | nattu@csk.com | 5523723 |
| 24 | h1 | n1 | hhnn@csk.com | 123 |
| 1234 | Joe | Root | joe@csk.com | 555 |
| 1567 | Suresh | Raina | raina@csk.com | 5789 |
| 2222 | ravi | jadeja | ravi@csk.com | 123134 |

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