

## Sommaire

1 Objectifs.....	1
2 XXXX.....	2
2.1 XXXX.....	2

## Compte-rendu TP6 : LCD – Gestion des utilisateurs et des privilèges

### 1 Objectifs

- Savoir créer une base de données et un utilisateur ayant des privilèges sur celle-ci.
- Réaliser des requêtes de contrôle de données (LCD) : ajouter, supprimer des privilèges (GRANT, REVOKE)

## 2 Visualisation des bases de données et utilisateurs existants

```
btssio@fedora-slam:~$ mysql -u root -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 18
Server version: 10.11.9-MariaDB MariaDB Server

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MariaDB [(none)]>
```

```
MariaDB [(none)]> SHOW DATABASES;
+-----+
| Database |
+-----+
| AGENCEB_JPA |
| TC2-1_AMBULANCES_1 |
| TC2-1_CINEMA |
| TC2-1_pepinieriste |
| Thali |
| baselafleur |
| information_schema |
| mysql |
| performance_schema |
+-----+
9 rows in set (0,000 sec)
```

```
MariaDB [(none)]> SHOW TABLES IN mysql;
+-----+
| Tables_in_mysql |
+-----+
| column_stats |
| columns_priv |
| db |
| event |
| func |
| general_log |
| global_priv |
| gtid_slave_pos |
| help_category |
| help_keyword |
| help_relation |
| help_topic |
| index_stats |
| innodb_index_stats |
| innodb_table_stats |
| plugin |
| proc |
| procs_priv |
| proxies_priv |
+-----+
```

```
MariaDB [(none)]> SHOW COLUMNS FROM user IN mysql;
```

Field	Type	Null	Key	Default	Extra
Host	char(60)	NO			
User	char(80)	NO			
Password	longtext	YES		NULL	
Select_priv	varchar(1)	YES		NULL	
Insert_priv	varchar(1)	YES		NULL	
Update_priv	varchar(1)	YES		NULL	
Delete_priv	varchar(1)	YES		NULL	
Create_priv	varchar(1)	YES		NULL	
Drop_priv	varchar(1)	YES		NULL	
Reload_priv	varchar(1)	YES		NULL	
Shutdown_priv	varchar(1)	YES		NULL	
Process_priv	varchar(1)	YES		NULL	
File_priv	varchar(1)	YES		NULL	
Grant_priv	varchar(1)	YES		NULL	
References_priv	varchar(1)	YES		NULL	
Index_priv	varchar(1)	YES		NULL	
Alter_priv	varchar(1)	YES		NULL	
Show_db_priv	varchar(1)	YES		NULL	
Super_priv	varchar(1)	YES		NULL	

```
MariaDB [mysql]> SELECT User, Host, Password, password_expired FROM user;
```

User	Host	Password	password_expired
mariadb.sys	localhost		Y
root	localhost	*9BB7AEA65709C5196D4EE7D17BA412DE58D9CCB4	N
mysql	localhost	invalid	N
thali_util	localhost	*14E65567ABDB5135D0CFD9A70B3032C179A49EE7	N
agenceb_util	localhost	*14E65567ABDB5135D0CFD9A70B3032C179A49EE7	N
baselafleur_util	localhost	*14E65567ABDB5135D0CFD9A70B3032C179A49EE7	N

6 rows in set (0,002 sec)

```
MariaDB [(none)]> SHOW GRANTS FOR "root"@"localhost";
```

Grants for root@localhost
GRANT ALL PRIVILEGES ON *.* TO 'root'@'localhost' IDENTIFIED VIA mysql_native_password USING '*9BB7AEA65709C5196D4EE7D17BA412DE58D9CCB4' OR unix_socket WITH GRANT OPTION
GRANT PROXY ON ''@%' TO 'root'@'localhost' WITH GRANT OPTION

2 rows in set (0,000 sec)

### 3 Création d'une base de données, d'un utilisateur et des privilèges sur celle-ci

#### 3.1 Création de la base de données utilisateur 1

```
MariaDB [(none)]> CREATE DATABASE bmorane CHARACTER SET utf8mb4 COLLATE utf8mb4_unicode_ci ;  
Query OK, 1 row affected (0,001 sec)
```

#### 3.2 Création du compte utilisateur 1

```
MariaDB [(none)]> CREATE USER "bmorane" IDENTIFIED BY 'P@ssw0rd';  
Query OK, 0 rows affected (0,007 sec)
```







