

# **MySQL DB Administration**

## **1.0 To Connect RDS :**

- **To Connect to the RDS (mysql database) :**

# mysql -h <endpoint of RDS> -u <user name> -p

# Password : (enter the password)

## **2.1 To Start/ Stop/Restart Service :**

- **To start/stop/restart mysql service :**

# servicemysqld start / stop /restart

## **2.2 User Management :**

- **To create a user :**

>create user 'user\_name'@'localhost' identified by 'password';

- **To grant permissions to a user :**

>grant all privileges on test to 'user1'@'localhost';

>grant all privileges on \*.\* to 'user1'@'localhost';

- **To list the users :**

>SELECT User FROM mysql.user;

- **To see the users count :**

>SELECT count( \* ) as total\_record FROM users;

- **To change the password fofr a user :**

>SET PASSWORD FOR 'user1'@'localhost' = password ('sudhir');

- **To delete a user :**

>drop user 'user3'@'localhost';

## **2.3 Database and Table Management :**

- **To list all the databases :**

```
>show databases;
```

- **To change one database to another :**

```
>use databases;
```

- **To list All the tables :**

```
>show tables;
```

- **To Select a table :**

```
>select * from table_name;
```

- **To create a database :**

```
>create database db_name;
```

- **To create a table :**

```
>create table pets (sl_no int, name varchar(20),color varchar(20),location
varchar(20));
```

- **To insert data into a table :**

```
>insert into pets (sl_no,name,color,location) values (1,"riku","red","bbsr");
```

- **To delete a table :**

```
>DROP TABLE table_name;
```

- **To delete a database :**

```
>drop database database_name;
```

## 2.4 Database Backup and Restore :

- **To take backup of database : (AWS)**

```
# mysqldump -h <rds endpoint> -P:<port no> -u <usr-name> -p
<passwd>db_name>>/home/bkp.mysql
```

- **To restore database :**

```
# mysql -h <rds endpoint> -P:<port no> -u <usr-name> -p <passwd>db_name<<
/home/bkp.mysql
```