**How To Migrate a MySQL Database Between Two Servers**

## Step One—Perform a MySQL Dump in old Server

(or)

mysqldump -u root -p --opt [database name] > [database name].sql

(or)

mysqldump --all-databases --single-transaction --quick --lock-tables=false > full-backup-$(date +%F).sql -u root –p

## Step Two— Provide permissions & Copy the Database through scp from old server to new server

Note: Make sure to check ssh connection in order to communicate to both servers

chmod 777 mysql\_file.sql

scp [database name].sql [username]@[servername]:path/to/database/

Example: scp /root/mysql\_file.sql user@host\_ip:/root/

## Step Three— Install mysql , Create Database & Import the Database

sudo apt-get install mysql\*

mysql –u root

mysql> ALTER USER ‘root’@’localhost’ IDENTIFIED BY ‘Password’;

mysql> create database\_name;

mysql> exit;

mysql -u root –pPassword database\_name < /path/to/newdatabase.sql

use <databasename>;

select user,host,plugin from user;

update user set host='%' where user='root';

alter user 'root'@'%' identified with mysql\_native\_password by 'Design\_20';