MySQL – Lab 03

MySQL Replication

1. Login to the remote server:

   Server IP: (to provide)

   usename: *student*,

   ssh key: (download at https://shorturl.at/qRT04)

2. Connect to the MySQL server (master) using with the command: *mysql -u root -p*

   a. Change master server_id with command: *SET GLOBAL server_id=100*

   b. Find the *binlog* information of the master server using the command: *show master status*

   c. Create a user and grant replication permission to the user

   CREATE USER '<your_usth_name>'@'%' IDENTIFIED WITH mysql_native_password BY '<your_password>';

   *GRANT REPLICATION SLAVE ON *.* TO ' <your_usth_name>'@'%';*

3. At your local MySQL server (slave server), execute the following command using information from step 2.

   CHANGE MASTER TO MASTER_HOST='<master_server_ip>', MASTER_USER=' your_usth_name', MASTER_PASSWORD='<your_password>',

   MASTER_LOG_FILE='<master_binlog_file>', MASTER_LOG_POS='<possition>';

   a. Execute the command: *start slave*

   b. Check the slave server with the command: *show slave status*

4. Create a database on the master server

   Create database <your_usth_name>

   and check if that database appears on the slave server

5. Setup Replication between your MySQL server and your friend MySQL server.