

## **SINGLE MASTER**

- Pada Komputer Host
  1. Jalankan MySql dan Apache
  2. Masuk ke direktori `cd /xampp/mysql/bin` melalui *command prompt*
  3. `mysql -u root`
  4. `grant replication slave on *.* to 'replikator'@'% 'identified by 'replikator';`
  5. `flush privileges;`
  6. `flush tables with read lock;`
  7. `show master status;`
  8. `unlock tables;`
  
- Pada Virtual Mesin
  1. Jalankan MySql dan Apache
  2. Masuk ke direktori `cd /xampp/mysql/bin` melalui *command prompt*
  3. `mysql -u root`
  4. `change master to master_host='192.168.43.10',`
  5. `master_user='replikator',`
  6. `master_password='replikator',`
  7. `master_log_file='mysql-bin.000001',`
  8. `master_log_pos=646;`
  9. `start slave;`
  10. `show slave status \G`

## MULTI MASTER

- Pada Mesin Virtual 2
  1. Jalankan MySql dan Apache
  2. Masuk ke direktori `cd /xampp/mysql/bin` melalui *command prompt*
  3. `mysql -u root`
  4. `grant replication slave on *.* to 'replikator2'@'%' identified by 'replikator2';`
  5. `flush privileges;`
  6. `flush tables with read lock;`
  7. `show master status;`
  8. `unlock tables;`
  
- Pada Mesin Virtual 3
  1. Jalankan MySql dan Apache
  2. Masuk ke direktori `cd /xampp/mysql/bin` melalui *command prompt*
  3. `mysql -u root`
  4. `change master to master_host='192.168.43.20',`
  5. `master_user='replikator2',`
  6. `master_password='replikator2',`
  7. `master_log_file='mysql-bin.000001',`
  8. `master_log_pos=769;`
  9. `start slave;`
  10. `show slave status \G`
  11. `grant replication slave on *.* to 'replikator2'@'%' identified by 'replikator2';`
  12. `flush privileges;`
  13. `flush tables with read lock;`
  14. `show master status;`
  15. `unlock tables;`

- Pada Mesin Virtual 2
  1. change master to master\_host='192.168.43.30',
  2. master\_user='replikator2',
  3. master\_password='replikator2',
  4. master\_log\_file='mysql-bin.000001',
  5. master\_log\_pos=1269;
  6. start slave;
  7. show slave status \G

**Keterangan : master\_log\_file dan master\_log\_pos bias saja berbeda jadi sesuaikan dengan yang sudah di daftarkan sebelumnya.**

## **PENGUJIAN DENGAN TOOL JMETER**

- Pengujian Performa Single Master
  1. Threed Group : Virtual 2 ke Virtual 3
  2. Number of Threads : 1
  3. Ramp-up : 1
  4. Loop : 1
  5. Soft Min : 5000
  6. Database URL : jdbc:mysql://192.168.43.30:3306/db\_mreza
  7. Driver Class : com.mysql.jdbc.driver
  8. Username : root
  9. Max number connection : 10
  10. Max wait : 10000
  11. Time between : 60000
  
- Pengujian Performa Multi Master
 

Sama seperti pengujian Single Master unah konfigurasi seperti dibawah

  1. Threed Group : Host ke Virtual 1
  2. Database URL : jdbc:mysql://192.168.43.10:3306/db\_mreza