

LAPORAN PRAKTIKUM
CREATE REPLICATIN USER ON MASTERPADA MYSQL/MARIADB



Mata Kuliah	:BASIS DATA
Dosen Pengampu	: GUS NANANG SYAIFUDDIIN, S.KOM., M.KOM
Nama Praktikan	:FERRY JOHAR KURNIAWAN
NIM	:243307074
Tanggal Praktikum	:28 NOVEMBER 2024

JURUSAN TEKNIK
PROGRAM STUDI TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MADIUN
2024/2025

1. Login mysql

```
user@LAPTOP-KJVV9R4M d:\xampp
# mysql -u root -P 3307 -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 9
Server version: 10.4.32-MariaDB-log mariadb.org binary distribution

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)]> create user 'adinug'@'%' identified by '1234';
Query OK, 0 rows affected (0.005 sec)
```

2. Buat user

```
MariaDB [(none)]> create user 'adinug'@'%' identified by '1234';
Query OK, 0 rows affected (0.005 sec)
```

3. Grant

```
MariaDB [(none)]> GRANT REPLICATION SLAVE ON *.* TO 'adinug'@'%' ;
Query OK, 0 rows affected (0.005 sec)
```

4. Show master

```
MariaDB [(none)]> SHOW MASTER STATUS;
+-----+-----+-----+-----+
| File           | Position | Binlog_Do_DB | Binlog_Ignore_DB |
+-----+-----+-----+-----+
| mysql-bin.000001 |      645 |              |                  |
+-----+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [(none)]>
```

5. Ipconfig 10.80.3.22

```
Wireless LAN adapter Wi-Fi:

    Connection-specific DNS Suffix  . : 
    Link-local IPv6 Address . . . . . : fe80::8930:1fc1:1139:cc4a%9
    IPv4 Address. . . . . : 192.168.232.187
    Subnet Mask . . . . . : 255.255.255.0
    Default Gateway . . . . . : 192.168.232.205

C:\Users\Asus>
```

6. Membuat database db_sayur

```
XAMPP for Windows - mysql  X  +  v
Type 'help;' or '\h' for help. Type '\c' to clear the current input state

MariaDB [(none)]> create database db_sayur;
Query OK, 1 row affected (0.002 sec)

MariaDB [(none)]> create table pengguna(
```

7. User pengembang grant all privileges

```
MariaDB [db_sayur]> create user 'adi'@'%' identified by '12345';
Query OK, 0 rows affected (0.007 sec)

MariaDB [db_sayur]> grant all privileges on db_sayur * to 'adi'@'%';
```

8. Membuat table

```
MariaDB [db_sayur]> show tables
-> ;
+-----+
| Tables_in_db_sayur |
+-----+
| mengelompokan      |
| pembelian            |
| pgn                  |
| stok                 |
| tbl_barang           |
| tbl_pembeli          |
+-----+
6 rows in set (0.001 sec)
```

- Buat tabel pengguna

```
MariaDB [(none)]> use db_sayur;
Database changed
MariaDB [db_sayur]> create table pengguna(
-> id_karyawan int,
-> nama_karyawan varchar(100),
-> alamat varchar(50),
-> jenis_kelamin varchar(15),
-> primary key (id_karyawan)
-> );
Query OK, 0 rows affected (0.011 sec)
```

- Buat tabel tbl_pembeli

```
MariaDB [db_sayur]> create table tbl_pembeli(
  -> id_pembeli int,
  -> nama_pembeli varchar(30),
  -> barang_terjual varchar(20),
  -> jumlah_terjual varchar(20),
  -> alamat_pembeli varchar(50),
  -> primary key (id_pembeli)
  -> );
Query OK, 0 rows affected (0.015 sec)
```

- Buat tabel stok

```
MariaDB [db_sayur]> create table stok(
  -> id_stok int,
  -> tanggal_restock date,
  -> total_harga varchar(15),
  -> jumlah_barang varchar(15),
  -> primary key (id_stok)
  -> );
Query OK, 0 rows affected (0.024 sec)
```

- Buat Tabel tbl_barang

```
MariaDB [db_sayur]> create table tbl_barang(
  -> id_barang int,
  -> nama_barang varchar(45),
  -> harga_barang varchar(20),
  -> primary key (id_barang));
Query OK, 0 rows affected (0.013 sec)
```

- Buat Tabel pembelian

```

) at line 10
MariaDB [db_sayur]> create table pembelian(
  -> id_karyawan int,
  -> id_pembeli int,
  -> id_barang int,
  -> id_pembelian int,
  -> primary key (id_pembelian),
  -> foreign key (id_karyawan) references pengguna(id_karyawan),
  -> foreign key (id_pembeli) references tbl_pembeli(id_pembeli),
  -> foreign key (id_barang) references tbl_barang(id_barang)
  -> );
Query OK, 0 rows affected (0.036 sec)
```

- Buat Tabel Mengelompokan

```
MariaDB [db_sayur]> create table mengelompokan(
  -> id_karyawan int,
  -> id_barang int,
  -> id_stok int,
  -> foreign key (id_karyawan) references pengguna(id_karyawan),
  -> foreign key (id_barang) references tbl_barang(id_barang),
  -> foreign key (id_stok) references stok(id_stok)
  -> );
Query OK, 0 rows affected (0.043 sec)
```

1. Config Mysql Menambahi binlog_do_db=db_sayur

```
File Edit View
# binary logging is required for replication
# log-bin deactivated by default since XAMPP 1.4.11
log-bin=mysql-bin

# required unique id between 1 and 2^32 - 1
# defaults to 1 if master-host is not set
# but will not function as a master if omitted
server-id      =1
binlog_do_db=db_sayur

# Replication Slave (comment out master section to use this)
#
# To configure this host as a replication slave, you can choose between
# two methods :
```

2. Login Mysql

```
Setting environment for using XAMPP for Windows.
user@LAPTOP-KJVV9R4M d:\xampp
# mysql -u root -P 3307 -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 9
Server version: 10.4.32-MariaDB-log mariadb.org binary distribution

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

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

3. Tampilkan master Status

```
MariaDB [(none)]> show master status;
+-----+-----+-----+-----+
| File           | Position | Binlog_Do_DB | Binlog_Ignore_DB |
+-----+-----+-----+-----+
| mysql-bin.000008 |      342 | db_sayur     |                   |
+-----+-----+-----+-----+
1 row in set (0.001 sec)

MariaDB [(none)]>
```