

**LAPORAN PRAKTIKUM**  
**CREATE REPLICATION USER ON MASTER**



**OLEH :**

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**PROGRAM STUDI TEKNOLOGI INFORMASI**

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# Create Replication User On Master

## 1. Login pada MYSQL

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3308 -p

Setting environment for using XAMPP for Windows.
Z:\DESKTOP-TAIAQMU c:\xampp
# -u root -h 127.0.0.1 -P 3308 -p
'-u' is not recognized as an internal or external command,
operable program or batch file.

Z:\DESKTOP-TAIAQMU c:\xampp
#
Z:\DESKTOP-TAIAQMU c:\xampp
# mysql -u root -h 127.0.0.1 -P 3308 -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.
```

## 2. Membuat user untuk pengguna 3 (replika)

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3308 -p

Setting environment for using XAMPP for Windows.
Z:\DESKTOP-TAIAQMU c:\xampp
# -u root -h 127.0.0.1 -P 3308 -p
'-u' is not recognized as an internal or external command,
operable program or batch file.

Z:\DESKTOP-TAIAQMU c:\xampp
#
Z:\DESKTOP-TAIAQMU c:\xampp
# mysql -u root -h 127.0.0.1 -P 3308 -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 'replication'@'%' identified by '2345678';
Query OK, 0 rows affected (0.111 sec)
```

## 3. Memberikan Grant Replication Slave untuk user 3

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3308 -p

Setting environment for using XAMPP for Windows.
Z:\DESKTOP-TAIAQMU c:\xampp
# -u root -h 127.0.0.1 -P 3308 -p
'-u' is not recognized as an internal or external command,
operable program or batch file.

Z:\DESKTOP-TAIAQMU c:\xampp
#
Z:\DESKTOP-TAIAQMU c:\xampp
# mysql -u root -h 127.0.0.1 -P 3308 -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 'replication'@'%' identified by '2345678';
Query OK, 0 rows affected (0.111 sec)

MariaDB [(none)]> grant replication slave on *.* to 'replication'@'%';
Query OK, 0 rows affected (0.067 sec)
```

## 4. Show master status

```
XAMPP for Windows - mysql -u root -h 127.0.0.1 -P 3308 -p

Setting environment for using XAMPP for Windows.
Z:\DESKTOP-TAIAQMU c:\xampp
# -u root -h 127.0.0.1 -P 3308 -p
'-u' is not recognized as an internal or external command,
operable program or batch file.

Z:\DESKTOP-TAIAQMU c:\xampp
#
Z:\DESKTOP-TAIAQMU c:\xampp
# mysql -u root -h 127.0.0.1 -P 3308 -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 'replication'@'%' identified by '2345678';
Query OK, 0 rows affected (0.111 sec)

MariaDB [(none)]> grant replication slave on *.* to 'replication'@'%';
Query OK, 0 rows affected (0.067 sec)

MariaDB [(none)]> show master status;
+-----+-----+-----+-----+
| File | Position | Binlog_Do_DB | Binlog_Ignore_DB |
+-----+-----+-----+-----+
| mysql-bin.000006 | 672 | | |
+-----+-----+-----+-----+
1 row in set (0.000 sec)

MariaDB [(none)]>
```

## 5. Membuat database dan menggunakan database

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

## 6. Membuat user untuk pengguna 1

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

MariaDB [(none)]> create user 'Prita'@'%' identified by '180206';
Query OK, 0 rows affected (0.057 sec)

MariaDB [(none)]>
```

## 7. Memberikan Grant All Privileges untuk user 1

```
Z:\DESKTOP-TAIAQMU c:\xampp
# mysql -u root -h 127.0.0.1 -P 3308 -p
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 12
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)]> grant all privileges on db_eskrim.* to 'Prita'@'%';
Query OK, 0 rows affected (0.078 sec)

MariaDB [(none)]>
```

## 8. Membuat table dan mengisi table pada database yang telah dibuat

- tbl\_karyawangudang

```
MariaDB [(none)]> use db_eskrim;
Database changed
MariaDB [db_eskrim]> create table tbl_karyawangudang(
  -> Id_Karyawan int,
  -> Nama_Karyawan Varchar(45),
  -> Alamat_Karyawan varchar(45),
  -> Primary Key(Id_Karyawan)
  -> );
Query OK, 0 rows affected (0.271 sec)

MariaDB [db_eskrim]> insert into tbl_karyawangudang (Id_Karyawan, Nama_Karyawan, Alamat_Karyawan)
  -> value
  -> (1234, 'Aulia', 'Magetan'),
  -> (1235, 'Yumna', 'Madiun'),
  -> (1236, 'Aditya', 'Solo');
Query OK, 3 rows affected (0.664 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [db_eskrim]> select * from tbl_karyawangudang;
+-----+-----+-----+
| Id_Karyawan | Nama_Karyawan | Alamat_Karyawan |
+-----+-----+-----+
| 1234 | Aulia | Magetan |
| 1235 | Yumna | Madiun |
| 1236 | Aditya | Solo |
+-----+-----+-----+
3 rows in set (0.000 sec)

MariaDB [db_eskrim]>
```

- `tbl_stokbarang`

```
MariaDB [db_eskrim]> create table tbl_stokbarang(
-> Id_Barang int,
-> Nama_Barang varchar(45),
-> Jumlah_Barang int,
-> Primary Key(Id_Barang)
-> );
Query OK, 0 rows affected (0.250 sec)

MariaDB [db_eskrim]> insert into tbl_stokbarang (Id_Barang, Nama_Barang, Jumlah_Barang)
-> value
-> (3802, 'Cup 500ml', 20),
-> (3803, 'Cone', 20),
-> (3804, 'Sendok', 20);
Query OK, 3 rows affected (0.154 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [db_eskrim]>
```

- `tbl_kasir`

```
MariaDB [(none)]> use db_eskrim;
Database changed
MariaDB [db_eskrim]> insert into tbl_kasir (Id_Kasir, Nama_Kasir, Alamat_Kasir)
-> value
-> (5218, 'Surya', 'Kalimantan'),
-> (5219, 'Anky', 'Jombang'),
-> (5220, 'Heni', 'Jogja');
Query OK, 3 rows affected (0.120 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [db_eskrim]> create table tbl_menu(
-> Id_Menu int,
-> Nama_Menu varchar(45),
-> Harga_Menu int,
-> Primary Key(Id_Menu)
-> );
Query OK, 0 rows affected (0.293 sec)
```

```
MariaDB [db_eskrim]> select * from tbl_kasir;
```

Id_Kasir	Nama_Kasir	Alamat_Kasir
5218	Surya	Kalimantan
5219	Anky	Jombang
5220	Heni	Jogja

3 rows in set (0.001 sec)

- `tbl_menu`

```
MariaDB [db_eskrim]> create table tbl_menu(
-> Id_Menu int,
-> Nama_Menu varchar(45),
-> Harga_Menu int,
-> Primary Key(Id_Menu)
-> );
Query OK, 0 rows affected (0.293 sec)

MariaDB [db_eskrim]> insert into tbl_menu (Id_Menu, Nama_Menu, Harga_Menu)
-> value
-> (7011, 'Es Krim Vanila', 16000),
-> (7012, 'Oreo Sundae', 16000),
-> (7013, 'Pearl Grey Tea', 15000);
Query OK, 3 rows affected (0.120 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [db_eskrim]> select * from tbl_menu;
```

Id_Menu	Nama_Menu	Harga_Menu
7011	Es Krim Vanila	16000
7012	Oreo Sundae	16000
7013	Pearl Grey Tea	15000

3 rows in set (0.001 sec)

- tbl\_transaksi

```
MariaDB [(none)]> use db_eskrim;
Database changed
MariaDB [db_eskrim]> create table tbl_transaksi(
  -> Id_Transaksi int,
  -> Tgl_Pembelian date,
  -> Nama_Pembeli varchar(45),
  -> Primary Key(Id_Transaksi)
  -> );
Query OK, 0 rows affected (0.215 sec)

MariaDB [db_eskrim]> insert into tbl_transaksi (Id_Transaksi, Tgl_Pembelian, Nama_Pembeli)
  -> value
  -> (8234, '2024-05-31', 'Asur'),
  -> (8235, '2024-06-18', 'Priky'),
  -> (8236, '2024-08-16', 'Grani');
Query OK, 3 rows affected (0.323 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [db_eskrim]> select * from tbl_transaksi;
+-----+-----+-----+
| Id_Transaksi | Tgl_Pembelian | Nama_Pembeli |
+-----+-----+-----+
| 8234 | 2024-05-31 | Asur |
| 8235 | 2024-06-18 | Priky |
| 8236 | 2024-08-16 | Grani |
+-----+-----+-----+
3 rows in set (0.000 sec)

MariaDB [db_eskrim]>
```

- tbl\_mengelola

```
MariaDB [db_eskrim]> create table tbl_mengelola(
  -> Id_Kelola int,
  -> Id_Barang int,
  -> Id_Karyawan int,
  -> Tgl_Kelola date,
  -> Primary Key(Id_Kelola),
  -> Foreign Key(Id_Barang) references tbl_stokbarang(Id_Barang),
  -> Foreign Key(Id_Karyawan) references tbl_karyawangudang(Id_Karyawan)
  -> );
Query OK, 0 rows affected (0.349 sec)

MariaDB [db_eskrim]> insert into tbl_mengelola (Id_Kelola, Id_Barang, Id_Karyawan, Tgl_Kelola)
  -> value
  -> (2001, 3802, 1234, '2024-10-18'),
  -> (2002, 3803, 1235, '2024-10-19'),
  -> (2003, 3804, 1236, '2024-10-21');
Query OK, 3 rows affected (0.075 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [db_eskrim]> select * from tbl_mengelola;
+-----+-----+-----+-----+
| Id_Kelola | Id_Barang | Id_Karyawan | Tgl_Kelola |
+-----+-----+-----+-----+
| 2001 | 3802 | 1234 | 2024-10-18 |
| 2002 | 3803 | 1235 | 2024-10-19 |
| 2003 | 3804 | 1236 | 2024-10-21 |
+-----+-----+-----+-----+
3 rows in set (0.000 sec)

MariaDB [db_eskrim]>
```

- tbl\_kelolabarang

```
MariaDB [db_eskrim]> create table tbl_kelolabarang(
  -> Id_KelolaBarang int,
  -> Id_Kelola int,
  -> Jumlah_Barang int,
  -> Primary Key(Id_KelolaBarang),
  -> Foreign Key(Id_Kelola) references tbl_mengelola(Id_Kelola)
  -> );
Query OK, 0 rows affected (0.269 sec)

MariaDB [db_eskrim]> insert into tbl_kelolabarang (Id_KelolaBarang, Id_Kelola, Jumlah_Barang)
  -> value
  -> (9870, 2001, 2),
  -> (9871, 2001, 3),
  -> (9872, 2001, 5);
ERROR 1054 (42S22): Unknown column 'Jumlah_Barang' in 'field list'
MariaDB [db_eskrim]> insert into tbl_kelolabarang (Id_KelolaBarang, Id_Kelola, Jumlah_Barang)
  -> value
  -> (9870, 2001, 2),
  -> (9871, 2001, 3),
  -> (9872, 2001, 5);
Query OK, 3 rows affected (0.155 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [db_eskrim]> select * from tbl_kelolabarang;
+-----+-----+-----+
| Id_KelolaBarang | Id_Kelola | Jumlah_Barang |
+-----+-----+-----+
| 9870 | 2001 | 2 |
| 9871 | 2001 | 3 |
| 9872 | 2001 | 5 |
+-----+-----+-----+
3 rows in set (0.000 sec)

MariaDB [db_eskrim]>
```

- tbl\_kebutuhan

```
MariaDB [db_eskrim]> create table tbl_kebutuhan(
-> Id_Kebutuhan int,
-> Id_Menu int,
-> Id_Barang int,
-> Jumlah int,
-> Primary Key(Id_Kebutuhan),
-> Foreign Key(Id_Menu) references tbl_menu(Id_Menu),
-> Foreign Key(Id_Barang) references tbl_stokbarang(Id_Barang)
-> );
Query OK, 0 rows affected (0.256 sec)

MariaDB [db_eskrim]> insert into tbl_kebutuhan (Id_Kebutuhan, Id_Menu, Id_Barang, Jumlah)
-> value
-> (49023, 7011, 3802, 1),
-> (49024, 7011, 3803, 1),
-> (49025, 7011, 3804, 1);
Query OK, 3 rows affected (0.088 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [db_eskrim]> select * from tbl_kebutuhan;
+-----+-----+-----+-----+
| Id_Kebutuhan | Id_Menu | Id_Barang | Jumlah |
+-----+-----+-----+-----+
| 49023 | 7011 | 3802 | 1 |
| 49024 | 7011 | 3803 | 1 |
| 49025 | 7011 | 3804 | 1 |
+-----+-----+-----+-----+
3 rows in set (0.000 sec)

MariaDB [db_eskrim]>
```

- tbl\_memasukkan

```
MariaDB [db_eskrim]> create table tbl_memasukkan(
-> Id_MasukMenu int,
-> Tgl_MasukMenu date,
-> Id_Menu int,
-> Id_Kasir int,
-> Primary Key(Id_MasukMenu),
-> Foreign Key(Id_Menu) references tbl_menu(Id_Menu),
-> Foreign Key(Id_Kasir) references tbl_kasir(Id_Kasir)
-> );
Query OK, 0 rows affected (0.483 sec)

MariaDB [db_eskrim]> insert into tbl_memasukkan (Id_MasukMenu, Tgl_MasukMenu, Id_Menu, Id_Kasir)
-> value
-> (6123, '2024-11-16', 7011, 5218),
-> (6124, '2024-12-19', 7012, 5219),
-> (6125, '2024-12-20', 7013, 5220);
Query OK, 3 rows affected (0.360 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [db_eskrim]> select * from tbl_memasukkan;
+-----+-----+-----+-----+
| Id_MasukMenu | Tgl_MasukMenu | Id_Menu | Id_Kasir |
+-----+-----+-----+-----+
| 6123 | 2024-11-16 | 7011 | 5218 |
| 6124 | 2024-12-19 | 7012 | 5219 |
| 6125 | 2024-12-20 | 7013 | 5220 |
+-----+-----+-----+-----+
3 rows in set (0.001 sec)

MariaDB [db_eskrim]>
```

- tbl\_pembelian

```
MariaDB [db_eskrim]> create table tbl_pembelian(
-> Id_Pembelian int,
-> Id_Transaksi int,
-> Id_Menu int,
-> Jumlah_Dibeli int,
-> Total_Harga int,
-> Primary Key(Id_Pembelian),
-> Foreign Key(Id_Transaksi) references tbl_transaksi(Id_Transaksi),
-> Foreign Key(Id_Menu) references tbl_menu(Id_Menu)
-> );
Query OK, 0 rows affected (0.283 sec)

MariaDB [db_eskrim]> insert into tbl_pembelian (Id_Pembelian, Id_Transaksi, Id_Menu, Jumlah_Dibeli, Total_Harga)
-> value
-> (1102, 8234, 7011, 2, 32000),
-> (1103, 8234, 7012, 4, 64000),
-> (1104, 8234, 7013, 5, 75000);
Query OK, 3 rows affected (0.185 sec)
Records: 3 Duplicates: 0 Warnings: 0

MariaDB [db_eskrim]> select * from tbl_pembelian;
+-----+-----+-----+-----+-----+
| Id_Pembelian | Id_Transaksi | Id_Menu | Jumlah_Dibeli | Total_Harga |
+-----+-----+-----+-----+-----+
| 1102 | 8234 | 7011 | 2 | 32000 |
| 1103 | 8234 | 7012 | 4 | 64000 |
| 1104 | 8234 | 7013 | 5 | 75000 |
+-----+-----+-----+-----+-----+
3 rows in set (0.000 sec)

MariaDB [db_eskrim]>
```