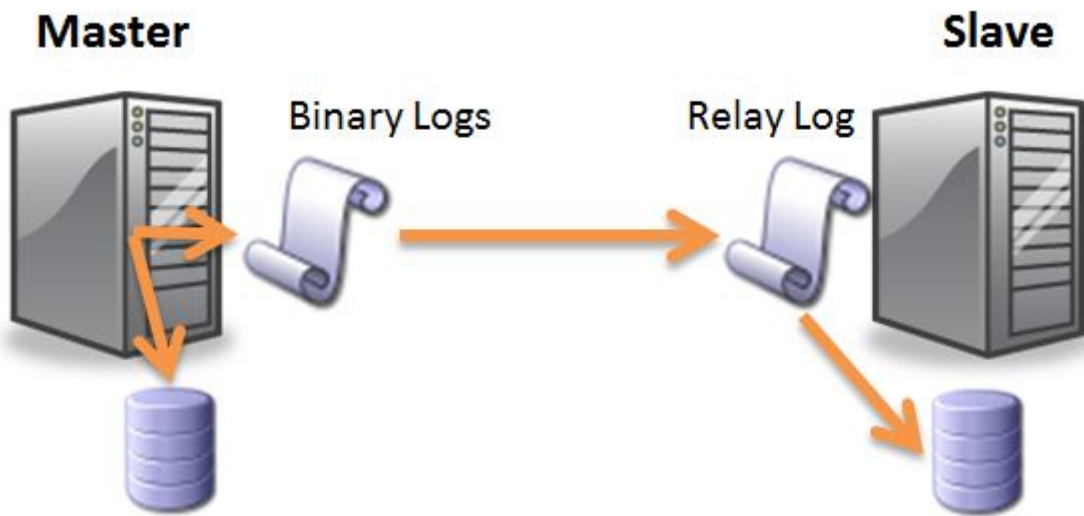


MariaDB ???

MariaDB `[[[`

- [MariaDB `\[\[\[\[\[`](#)

MariaDB ??????



????

- PVE
- Debian 12

??MariaDB

```
apt install -y mariadb-server
```

|||||

```
mysql_secure_installation
```

Master Server ??

||| `/etc/mysql/mariadb.conf.d/50-server.cnf`

```
[mysqld]
bind-address      = 10.0.0.4
server-id         = 1
log_bin           = /var/log/mysql/mysql-bin.log
expire_logs_days = 5
max_binlog_size   = 10M
```

```
bind-address MasterIP
server-id      Slave
log_bin        Mysql
expire_logs_days log_bin
max_binlog_size log_bin

mariadb
systemctl restart mariadb
```

??Slave???

```
mysql -u root -p

%IP
MariaDB [(none)]> grant replication slave on *.* to testuser@'%' identified by 'testpswd';

MariaDB [(none)]> flush privileges;
```

???????

```
%IP
MariaDB [(none)]> flush tables with read lock;

FilePosition
MariaDB [(none)]> show master status;

MariaDB [(none)]> exit;
```

?????

```
mysqldump -u root -p --all-databases --lock-all-tables --events > mysql_dump.sql

mysql -u root -p
MariaDB [(none)]> unlock tables;
MariaDB [(none)]> exit;
```

Slave Server ??

❏ /etc/mysql/mariadb.conf.d/50-server.cnf

```
[mysqld]
bind-address          = 10.0.0.100
server-id             = 2

bind-address Slave=IP
server-id    =Master=

=mariadb
systemctl restart mariadb
```

?????

```
mysql -u root -p < /root/mysql_dump.sql
```

❏ **MariaDB - MySQL - ALL-DB Import - Table 'user' already exists** ❏

```
nano mysql_dump.sql

=====
DROP TABLE IF EXISTS `mysql`.`global_priv`;
DROP VIEW IF EXISTS `mysql`.`user`;
```

??Master????

```
mysql -u root -p

=slave
MariaDB [(none)]> stop slave;

=master=
MariaDB [(none)]> change master to
-> master_host='10.0.0.4',           # Master IP
-> master_user='testuser',          # 
-> master_password='testpswd',      # 
-> master_log_file='mysql-bin.000001', # Master File
-> master_log_pos=311;              # Master Position
```

```
❏❏ slave
```

```
MariaDB [(none)]> start slave;
```

??Replication??

```
MariaDB [(none)]> SHOW SLAVE STATUS\G
```

```
***** 1. row *****

Slave_IO_State: Waiting for master to send event
Master_Host: 10.0.0.4
Master_User: testuser
Master_Port: 3306
Connect_Retry: 60
Master_Log_File: mysql-bin.000014
Read_Master_Log_Pos: 342
Relay_Log_File: mysqld-relay-bin.000014
Relay_Log_Pos: 555
Relay_Master_Log_File: mysql-bin.000014
Slave_IO_Running: Yes # ❏Yes
Slave_SQL_Running: Yes # ❏Yes
Replicate_Do_DB:
Replicate_Ignore_DB:
```

????

Master Server❏❏❏❏ Slave hosts

```
mysql -u root -p
```

```
MariaDB [(none)]> show slave hosts;
```

```
+-----+-----+-----+-----+
| Server_id | Host | Port | Master_id |
+-----+-----+-----+-----+
|          2 |      | 3306 |          1 |
+-----+-----+-----+-----+

1 row in set (0.000 sec)
```

Master Server??DB

```
MariaDB [(none)]> create database testdb;
```

??Slave DB??

```
MariaDB [(none)]>show databases;
```

```
+-----+
| Database          |
+-----+
| information_schema |
| mysql             |
| performance_schema |
| sys               |
| testdb            |
+-----+
```