

CONFIGURACIÓ MASTER SLAVE MYSQL

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1. DIRECCIONS MASTER & SLAVE

	IP
MASTER	192.168.16.20 ¹
SLAVE	192.168.16.20 ⁰

2. CONFIGURACIONS

En el servidor **MASTER** farem la següent configuració al arxiu */etc/mysql/mysql.cnf*

```
!includedir /etc/mysql/conf.d/
!includedir /etc/mysql/mysql.conf.d/
[mysqld]
general_log_file      = /var/log/mysql/mysql.log
general_log            = 1
sql-mode = Traditional
bind-address = *
local-infile = 1
secure-file-priv = ""
character-set-server=utf8
collation-server=utf8_general_ci
event-scheduler = 0
#VALIDATE_PASSWORD.POLICY = LOW
#VALIDATE_PASSWORD.LENGTH = 6
# variables replicacio
# Replicate Master
server-id = 1
log-bin = /var/log/mysql/mysql-bin.log
log-bin-index = /var/log/mysql/mysql-bin.index
#log-bin = /var/log/mysql/mysql-bin
# binlog-do-db = 'test'
# binlog-do-db = agencia21 vk22
#binlog-do-db = agencia21
#binlog-do-db = vk22
#binlog-do-db = prova
#binlog-do-db = prova2
binlog-do-db = empleats
expire_logs_days = 10
max_binlog_size = 100M
skip-host-cache
skip-name-resolve
# skip-grant-tables
# require_secure_transport = ON
```

En el servidor **SLAVE** farem la següent configuració al arxiu */etc/mysql/mysql.conf.d/mysqld.cnf*

```
[mysqld]
pid-file           = /var/run/mysqld/mysqld.pid
socket             = /var/run/mysqld/mysqld.sock
datadir            = /var/lib/mysql
log-error           = /var/log/mysql/error.log
general_log_file    = /var/log/mysql/mysql.log
general_log         = 1
sql-mode            = Traditional
local-infile        = 1
log-bin-index       = /var/log/mysql/mysql-bin.index
log-bin             = /var/log/mysql/mysql-bin
server-id           = 2
replicate-do-db     = empleats_
```

3. CREACIÓ USUARI

En el servidor **MASTER** i en mysql amb el usuari root crearem el següent usuari 'usreply'

```
mysql:[root:(none)]> CREATE USER 'usreply'@'192.168.16.200' IDENTIFIED BY 'usreply';
Query OK, 0 rows affected (0,03 sec)
```

Farem la següent comanda per donar permisos pero connectar-se al servidor.

```
mysql:[root:(none)]> GRANT REPLICATION SLAVE ON *.* TO 'usreply'@'192.168.16.200' ;
Query OK, 0 rows affected (0,04 sec)
```

Comprovem que podem accedir correctament desde el servidor **SLAVE**:

```
usuari@debSlave:~$ mysql -u usreply -p -h 192.168.16.201
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 10
Server version: 8.0.35 MySQL Community Server - GPL

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owners.

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

4. BINARY LOGS I PERMISOS

Dins del nostre servidor MASTER farem la següent comanda:

```
mysql:[root:(none)]> FLUSH PRIVILEGES;  
Query OK, 0 rows affected (0,01 sec)
```

Fem un reinici del servidor i executem la següent comanda

```
mysql:[root:(none)]> SHOW MASTER STATUS;  
+-----+-----+-----+-----+-----+  
| File           | Position | Binlog_Do_DB | Binlog_Ignore_DB | Executed_Gtid_Set |  
+-----+-----+-----+-----+-----+  
| mysql-bin.000034 |      157 | empleats     |                   |                   |  
+-----+-----+-----+-----+-----+  
1 row in set (0,01 sec)
```

En el servidor SLAVE farem la següent comanda per para el proces de replicació

```
mysql> STOP REPLICATION;  
Query OK, 0 rows affected, 1 warning (0,00 sec)
```

Crearem un fitxer replication.sql amb el següent contingut i executarem

```
usuari@debSlave:~$ cat replication.sql  
CHANGE REPLICATION SOURCE TO  
SOURCE_HOST='192.168.16.200',  
SOURCE_USER='usreply',  
SOURCE_PASSWORD='usreply',  
SOURCE_LOG_FILE='mysql-bin.000034',  
SOURCE_LOG_POS=157;  
usuari@debSlave:~$ _
```

```
mysql> source /home/usuari/replication.sql  
Query OK, 0 rows affected, 2 warnings (0,05 sec)
```

Iniciarem la replicació de nou

```
mysql> START REPLICATION;  
Query OK, 0 rows affected (0,03 sec)
```