MYSQL主从配置

1.1 部署环境

主(master_mysql): 192.168.1.200 　OS:CentOS 6.5

从(slave_mysql): 　192.168.1.201 　 OS:CentOS 6.5

1.2 安装mysql

主和从: yum install mysql-server

1.3 配置
1.3.1 主配置（master_mysql配置）

vim *etc*my.cnf

server-id=200 `#设置主服务器的ID`
innodb_flush_log_at_trx_commit=2
`#操作系统崩溃或者系统断电的情况下，上一秒钟所有事务数据才可能丢失`
sync_binlog=1 `#开启binlog日志同步功能`
log-bin=mysql-bin-200 `#binlog日志文件名`
binlog-do-db=xxxx # 这个表示只同步某个库 （如果没有此项，表示同步所有的库）

1.3.2 配置完后，重启主库的mysql

service mysqld restart
mysql -uroot -p ##登录mysql
mysql>grant replication slave on . to 'mark'@'192.168.1.201' identified by '123456'; ##授权给从数据库服务器192.168.1.201，用户名mark，密码123456
mysql>show master status ; ##查看主库的状态

```
mysql> show master status ;
+----------------------+----------+--------------+------------------+
| File                 | Position | Binlog_Do_DB | Binlog_Ignore_DB |
+----------------------+----------+--------------+------------------+
| mysql-bin-200.000002 |     1167 |              |                  |
+----------------------+----------+--------------+------------------+
1 row in set (0.00 sec)
```

1.3.3 配置从库服务器

vim *etcmy.cnf*

server-id=201
innodb_flush_log_at_trx_commit=2
sync_binlog=1
log-bin=mysql-bin-201

1.3.4 配置完后，重启从库的mysql

service mysqld restart

mysql -uroot -p
mysql> change master to master_host='192.168.1.200',
master_user='mark' ,master_password='123456', master_log_file='mysql-
bin-200.000002' ,master_log_pos=1167;
mysql> start slave; ##开启从库（stop slave：关闭从库）
mysql> show slave status; ###Slave_IO_Running,Slave_SQL_Running 都为Yes的时候表示配置成功

```
mysql> show slave status \G;
*************************** 1. row ***************************
               Slave_IO_State: Waiting for master to send event
                  Master_Host: 192.168.1.200
                  Master_User: mark
                  Master_Port: 3306
                Connect_Retry: 60
              Master_Log_File: mysql-bin-200.000002
          Read_Master_Log_Pos: 1167
               Relay_Log_File: mysqld-relay-bin.000003
                Relay_Log_Pos: 255
        Relay_Master_Log_File: mysql-bin-200.000002
             Slave_IO_Running: Yes
            Slave_SQL_Running: Yes
              Replicate_Do_DB:
          Replicate_Ignore_DB:
           Replicate_Do_Table:
       Replicate_Ignore_Table:
      Replicate_Wild_Do_Table:
  Replicate_Wild_Ignore_Table:
                   Last_Errno: 0
                   Last_Error:
                 Skip_Counter: 0
          Exec_Master_Log_Pos: 1167
              Relay_Log_Space: 691
              Until_Condition: None
               Until_Log_File:
                Until_Log_Pos: 0
           Master_SSL_Allowed: No
           Master_SSL_CA_File:
           Master_SSL_CA_Path:
              Master_SSL_Cert:
            Master_SSL_Cipher:
               Master_SSL_Key:
        Seconds_Behind_Master: 0
Master_SSL_Verify_Server_Cert: No
```

1.4：验证主从

可以在主库上创建一个库，再在从库上刷新查看是否同步

二、读写分离配置（mysql_proxy,master,sl