# 1 在4台云机器上安装mysql

云机器都是centos7的mysql 5.7

<http://www.centoscn.com/mysql/2016/0626/7537.html>

# 2 更改mysql的安装位置

<http://www.osyunwei.com/archives/566.html>

<http://blog.csdn.net/fungleo/article/details/49903427>

这是centos 7下mysql 5.7版本的更改路径

只需要在/etc/my.cnf下更改就行了

用cp -a 命令将/var/lib/mysql复制到mysqldata目录下

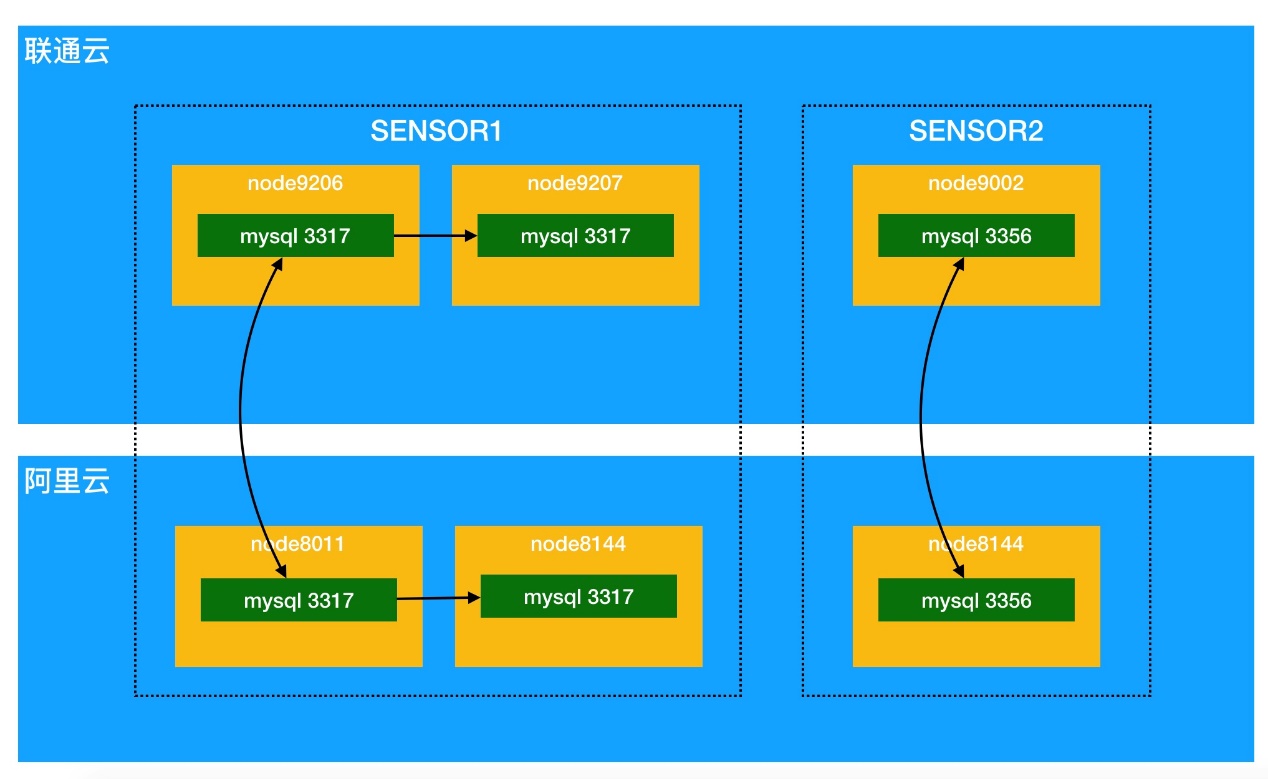
# 3 配置机器的双主双从同步

url

<https://www.cnblogs.com/ygqygq2/p/6045279.html>

http://code727.iteye.com/blog/2249677

<https://www.cnblogs.com/kristain/articles/4142970.html>



1 双主库a和b可以相互同步

2 主库a和c有主从同步

3 主库b和d 有主从同步

## 主库a

[mysqld]

datadir=/data/mysqldata/mysql

socket=/data/mysqldata/mysql/mysql.sock

port=3317

explicit\_defaults\_for\_timestamp

skip-host-cache

skip-name-resolve

user=mysql

max\_connections=1000

tmp\_table\_size=512M

max\_heap\_table\_size=512M

read\_buffer\_size=200M

read\_rnd\_buffer\_size=200M

sort\_buffer\_size=200M

innodb\_log\_buffer\_size=200M

innodb\_buffer\_pool\_size=16G

character-set-server=utf8

wait\_timeout=32000000

interactive\_timeout=32000000

net\_write\_timeout=1800

server-id=206

auto\_increment\_offset=1

auto\_increment\_increment=2

log\_bin=mysql-bin

relay\_log=mysql-relay-bin

log-slave-updates=true

gtid-mode=on

enforce-gtid-consistency=on

slave-skip-errors=all

binlog-do-db=SENSOR1

max\_binlog\_size=500M

binlog-ignore-db=mysql

#replicate-do-db=SENSOR1

replicate-ignore-db=mysql

replicate-ignore-db=information\_schema

replicate-ignore-db=performance\_schema

#relay\_log=/data/mysqldata/mysql/relay\_12\_22

## 主库b

datadir=/data/mysqldata/mysql

socket=/data/mysqldata/mysql/mysql.sock

port=3317

explicit\_defaults\_for\_timestamp

skip-host-cache

skip-name-resolve

user=mysql

max\_connections=1000

tmp\_table\_size=512M

max\_heap\_table\_size=512M

read\_buffer\_size=200M

read\_rnd\_buffer\_size=200M

sort\_buffer\_size=200M

innodb\_log\_buffer\_size=200M

innodb\_buffer\_pool\_size=16G

character-set-server=utf8

wait\_timeout=32000000

interactive\_timeout=32000000

net\_write\_timeout=1800

server-id=11 // 唯一

auto\_increment\_offset=2 #奇数ID 1或者2

auto\_increment\_increment=2

log\_bin=mysql-bin

relay\_log=mysql-relay-bin

log-slave-updates=true

gtid-mode=on

enforce-gtid-consistency=on

slave-skip-errors=all // 跳过错误

binlog-do-db=SENSOR1

max\_binlog\_size=500M

binlog-ignore-db=mysql

replicate-ignore-db=mysql // #忽略不同步主从的数据库

replicate-ignore-db=information\_schema

replicate-ignore-db=performance\_schema

可以换为 replicate\_wild\_ignore\_table=mysql.%

## 从库的配置：

datadir=/data/datamysql/mysql

socket=/data/datamysql/mysql/mysql.sock

port=3317

explicit\_defaults\_for\_timestamp

skip-host-cache

skip-name-resolve

user=mysql

max\_connections=1000

tmp\_table\_size=200M

max\_heap\_table\_size=200M

read\_buffer\_size=200M

read\_rnd\_buffer\_size=200M

sort\_buffer\_size=200M

innodb\_log\_buffer\_size=200M

innodb\_buffer\_pool\_size=16G

character-set-server=utf8

wait\_timeout=30000000

interactive\_timeout=30000000

net\_write\_timeout=1800

server-id=207 // 这个不一样，唯一

log\_bin=mysql-bin

relay-log=mysql-bin

gtid-mode=on

enforce-gtid-consistency=on

slave-skip-errors=all

replicate-do-db=SENSOR1

max\_binlog\_size=500M

replicate-ignore-db=mysql 注意 这里换位 replicate\_wild\_ignore\_table=mysql.%

replicate-ignore-db=information\_schema

replicate-ignore-db=performance\_schema

relay\_log=/data/datamysql/mysql/relay\_12\_23

原因是设置replicate\_do\_db或replicate\_ignore\_db后，MySQL执行sql前检查的是当前默认数据库，所以跨库更新语句被忽略。  
  
可以使用replicate\_wild\_do\_table和replicate\_wild\_ignore\_table来代替  
如  
replicate\_wild\_do\_table=test.%  
或  
replicate\_wild\_ignore\_table=mysql.%

# 4 搭建同步关系

主库a和主库b之间相互主从

## 2. 配置主从同步

### 2.1 添加主从同步账户

masterA上：

mysql> grant replication slave on \*.\* to repl@'10.10.1.67' identified by 'Ysrd\_2019';

mysql> flush privileges;

mysql> show master status;

+------------------+----------+--------------+------------------+-------------------------------------------+

| File | Position | Binlog\_Do\_DB | Binlog\_Ignore\_DB | Executed\_Gtid\_Set |

+------------------+----------+--------------+------------------+-------------------------------------------+

| mysql-bin.000005 | 648 | SENSOR1 | mysql | dd1cb32e-b399-11e9-a6da-fa163ea5f242:1-17 |

+------------------+----------+--------------+------------------+-------------------------------------------+

1 row in set (0.00 sec)

### 配置同步信息：

从库上：

mysql> change master to master\_host='10.10.1.61',master\_port=**3317(mysqld的的端口)**,master\_user='repl',master\_password='Ysrd\_2019',master\_log\_file='mysql-bin.000005',master\_log\_pos=**648**;

mysql> start slave;

mysql> show slave status\G

显示有如下状态则正常：

Slave\_IO\_Running: Yes

Slave\_SQL\_Running: Yes

同样在主库b也来一套

## 如果遇到的问题

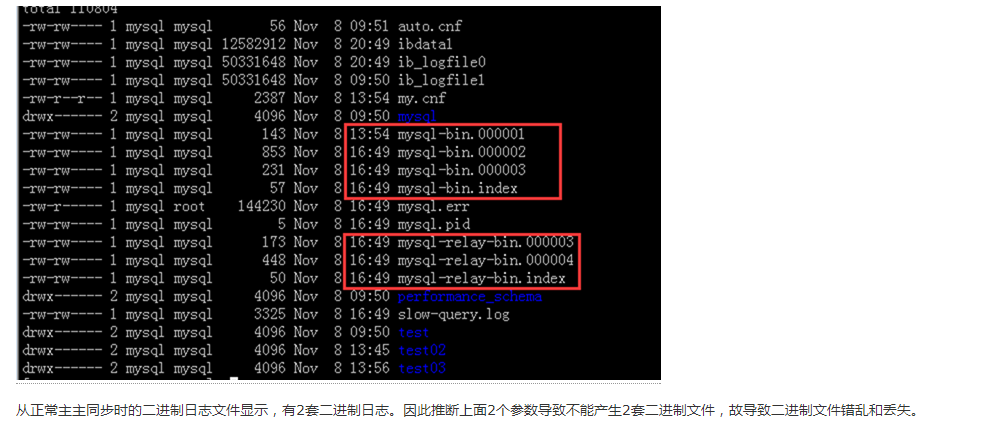
Last\_IO\_Errno: 1236

Last\_IO\_Error: Got fatal error 1236 from master when reading data from binary log: 'Could not open log file'

后面修改主从同步相关 参数，确认原因是my.cnf增加了如下参数：

**log-bin = mysql-bin**

**relay-log = mysql-bin**



注意：

<http://blog.csdn.net/edwzhang/article/details/17226975>

如果Got fatal error 1236 from master when reading data from binary log: 'unknown error reading log event

报这样的错误，看是否超过index类似错误的话

先stop slave; 然后flush logs，再重新设置chang…..