<https://www.cnblogs.com/qubo520/p/10801733.html>

**Win10安装MySQL-8.0.15**

**1、下载mysql-8.0.15-winx64.zip安装包，地址如下**

https://cdn.mysql.com//Downloads/MySQL-8.0/mysql-8.0.15-winx64.zip

**2、解压至要安装的目录下，如D:\Database**

**3、在D:\Database\mysql-8.0.15-winx64目录下新建my.ini配置文件**

**4、my.ini文件中的内容如下**

[mysql]

# 设置mysql数据库客户端默认字符集

default-character-set=UTF8

[mysqld]

# 设置mysql数据库的默认端口，注意端口号不能被占用

port=3316

# 设置记录日志的显示时间

log\_timestamps=SYSTEM

# 设置mysql数据库的安装目录

basedir=D:\\Database\\mysql-8.0.15-winx64

# 设置mysql数据库的数据存放目录

datadir=D:\\Database\\mysql-8.0.15-winx64\\data

# 设置mysql数据库服务端默认字符集

character-set-server=UTF8

# 设置mysql数据库创建新表时的默认存储引擎

default-storage-engine=INNODB

# 设置mysql数据库允许的最大连接数

max\_connections=100

**5、添加系统环境变量**

将mysql-8.0.15-winx64安装路径(即D:\Database\mysql-8.0.15-winx64\bin)添加到Path环境变量中去

**6、初始化mysql数据库**

以管理员身份打开cmd窗口，进入到mysql安装的bin目录下。 初始化数据库：

mysqld --defaults-file=D:\Database\mysql-8.0.15-winx64\my.ini --initialize --console

初始化成功后会生成在my.ini文件中指定的datadir目录，并且给root初始化了一个密码，请记住它。

**7、将新安装的mysql注册为Windows服务**

mysqld install MySQL80-3316 --defaults-file="D:\Database\mysql-8.0.15-winx64\my.ini"

删除mysql服务的命令为：mysqld --remove mysql80-3316

**8、在搜索框输入regedit打开注册表，找到HKEY\_LOCAL\_MACHINE\SYSTEM\CurrentControlSet\Services\MySQL80-3316,修改ImagePath参数相关路径为刚刚安装的mysql的路径**

**9、启动mysql服务**

net start MySQL80-3316

**10、以root身份登录进入mysql**

mysql -hlocalhost -P3316  -uroot -p

输入初始化数据库时的密码即可。

**11、修改root用户的密码为root**

ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql\_native\_password BY 'root';

**12、修改密码后刷新权限使之生效**

flush privileges;

**13、刷新权限后重新登录**

也可以使用Navicat、MySQL Workbench等可视化工具连接新安装的mysql。

**一：**本机MySQL **3316**

mysqld --defaults-file=E:\mysql\_group\mysql-8.0.20-group3316\my.ini --initialize –console

E:\mysql\_group\mysql-8.0.20-group3316\bin> mysqld --defaults-file=E:\mysql\_group\mysql-8.0.20-group3316\my.ini --initialize --console

2020-06-24T23:11:22.213267+08:00 0 [System] [MY-013169] [Server] E:\mysql\_group\mysql3307\bin\mysqld.exe (mysqld 8.0.20) initializing of server in progress as process 16584

2020-06-24T23:11:22.343525+08:00 0 [Warning] [MY-013242] [Server] --character-set-server: 'utf8' is currently an alias for the character set UTF8MB3, but will be an alias for UTF8MB4 in a future release. Please consider using UTF8MB4 in order to be unambiguous.

2020-06-24T23:11:22.676031+08:00 1 [System] [MY-013576] [InnoDB] InnoDB initialization has started.

2020-06-24T23:11:41.001275+08:00 1 [System] [MY-013577] [InnoDB] InnoDB initialization has ended.

2020-06-24T23:12:36.695246+08:00 6 [Note] [MY-010454] [Server] A temporary password is generated for root@localhost: f5Phc>ju/Ryx

mysqld install MySQL80-3316 --defaults-file="E:\mysql\_group\mysql-8.0.20-group3316\my.ini"

E:\mysql\_group\mysql-8.0.20-group3316\bin> mysqld install MySQL80-3316 --defaults-file="E:\mysql\_group\mysql-8.0.20-group3316\my.ini"

Service successfully installed.

注册机修改如下:

E:\mysql\_group\mysql-8.0.20-group3316\bin\mysqld.exe --defaults-file=E:\mysql\_group\mysql-8.0.20-group3316\my.ini MySQL80-3316

密码修改如下:

ALTER USER 'root'@'localhost' IDENTIFIED WITH mysql\_native\_password BY 'Gyh1006@Zgx0619';

二、本机MySQL3309

mysqld --defaults-file=E:\mysql\_group\mysql-8.0.20-group3309\my.ini --initialize –console

E:\mysql\_group\mysql-8.0.20-group3309\bin> mysqld --defaults-file=E:\mysql\_group\mysql-8.0.20-group3309\my.ini --initialize --console

2020-06-24T23:53:36.965197+08:00 0 [System] [MY-013169] [Server] E:\mysql\_group\mysql3307\bin\mysqld.exe (mysqld 8.0.20) initializing of server in progress as process 16928

2020-06-24T23:53:36.966914+08:00 0 [Warning] [MY-013242] [Server] --character-set-server: 'utf8' is currently an alias for the character set UTF8MB3, but will be an alias for UTF8MB4 in a future release. Please consider using UTF8MB4 in order to be unambiguous.

2020-06-24T23:53:36.984715+08:00 1 [System] [MY-013576] [InnoDB] InnoDB initialization has started.

2020-06-24T23:53:57.610240+08:00 1 [System] [MY-013577] [InnoDB] InnoDB initialization has ended.

2020-06-24T23:54:54.379075+08:00 6 [Note] [MY-010454] [Server] A temporary password is generated for root@localhost: w\_fWI5seg<Bs

mysqld install MySQL80-3309 --defaults-file="E:\mysql\_group\mysql-8.0.20-group3309\my.ini"

DOS窗口进 mysql:

mysql -hlocalhost -P3309  -uroot -p

password>>> Gyh1006@Zgx0619

################################################

mysql8.0主从配置：

<https://blog.csdn.net/m0_37890289/article/details/80087003>

三、本机主服务器3309：设置

(0) #添加master主从复制部分配置到 my.ini文件中

server\_id=1

log-bin=mysql-bin

read-only=0

binlog-do-db=gmall\_ums

binlog-do-db=gmall\_pms

binlog-do-db=gmall\_oms

binlog-do-db=gmall\_sms

binlog-do-db=gmall\_cms

replicate-ignore-db=mysql

replicate-ignore-db=sys

replicate-ignore-db=information\_schema

replicate-ignore-db=performance\_schema

1. 授权root可以远程访问:[3309与3316都需要设置授权root可以远程访问，就是都需要下面的操作]

# mysql8以前的写法:

### grant all privileges on \*.\* to 'root'@'%' identified by 'root' with grant option;

#mysql8的写法:

>>> create user 'root'@'%' identified by 'Gyh1006@Zgx0619';

>>> grant all privileges on \*.\* to 'root'@'%' with grant option;

>>> flush privileges;

(2)添加用来同步的用户:

【该操作只有主库3309需要，就是在主库中分配一个连接主库的账号密码】

# mysql8以前的写法:

### GRANT REPLICATION SLAVE ON \*.\* to 'backup'@'%' identified by '123456';

#mysql8的写法:

>>>CREATE USER 'bigbee'@'%' IDENTIFIED BY '130619';

>>>GRANT REPLICATION SLAVE ON \*.\* TO 'bigbee'@'%';

>>>flush privileges;

(3)在master中查看状态

>>> show master status;

1. **从库3316设置主库连接：**

**(0)** **#添加master主从复制部分配置到my.ini文件中**

server\_id=2

log-bin=mysql-bin

read-only=1

binlog-do-db=gmall\_ums

binlog-do-db=gmall\_pms

binlog-do-db=gmall\_oms

binlog-do-db=gmall\_sms

binlog-do-db=gmall\_cms

replicate-ignore-db=mysql

replicate-ignore-db=sys

replicate-ignore-db=information\_schema

replicate-ignore-db=performance\_schema

**(1)**授权root可以远程访问:[3309与3316都需要设置授权root可以远程访问，就是都需要下面的操作]

# mysql8以前的写法:

### grant all privileges on \*.\* to 'root'@'%' identified by 'root' with grant option;

#mysql8的写法:

>>> create user 'root'@'%' identified by 'Gyh1006@Zgx0619';

>>> grant all privileges on \*.\* to 'root'@'%' with grant option;

>>> flush privileges;

**(2)** 设置主库连接;

change master to master\_host='127.0.0.1',master\_user='backup',master\_password='123456',master\_log\_file='mysql-bin.000001',master\_log\_pos=0,master\_port=3309;

# 主库的端口默认是889所以配置0，但是实际中遇到了156；

>>>change master to master\_host='192.168.0.38',master\_user='bigbee',master\_password='130619',master\_log\_file='mysql-bin.000002',master\_log\_pos=156,master\_port=3309;

(3)启动从库同步

>>>start slave;

(4)查看从库状态

>>>show slave status\G;

报错：

Last\_IO\_Error: error connecting to master 'backup@192.168.0.38:3309' - retry-time: 60 retries: 1 message: Access denied for user 'backup'@'LAPTOP-TKPHC3AV' (using password: YES)

Dos >>> mysql -ubackup -h 192.168.0.38 -p -P3309

>>> 验证的密码