

## 1.卸载系统自带的 mariadb-lib

查看 mariadb 版本

```
rpm -qa | grep mariadb
```

卸载 mariadb

```
rpm -e mariadb-libs-5.5.56-2.el7.x86_64 --nodeps
```

重启机器

```
reboot
```

## 2.上传安装包并解压

将 mysql-8.0.18-1.el8.x86\_64.rpm-bundle.tar 安装包上传到/opt/software 目录

解压 mysql 安装包到/opt/server 目录

```
tar -xvf mysql-8.0.13-1.el7.x86_64.rpm-bundle.tar -C /opt/server
```

## 3.按顺序安装

必须安装(注意顺序)

```
rpm -ivh mysql-community-common-8.0.13-1.el7.x86_64.rpm
```

```
rpm -ivh mysql-community-libs-8.0.13-1.el7.x86_64.rpm
```

```
rpm -ivh mysql-community-client-8.0.13-1.el7.x86_64.rpm
```

```
rpm -ivh mysql-community-server-8.0.13-1.el7.x86_64.rpm
```

非必要安装（注意顺序）

```
rpm -ivh mysql-community-libs-compat-8.0.13-1.el7.x86_64.rpm
```

```
rpm -ivh mysql-community-embedded-compat-8.0.13-1.el7.x86_64.rpm
```

```
rpm -ivh mysql-community-devel-8.0.13-1.el7.x86_64.rpm
```

```
rpm -ivh mysql-community-test-8.0.13-1.el7.x86_64.rpm
```

如何报以下错误：

## 错误 1：

error:

Failed dependencies:

libnuma.so.1()(64bit) is needed by mysql-community-server-8.0.13-1.el7.x86\_64

libnuma.so.1(libnuma\_1.1)(64bit) is needed by mysql-community-server-8.0.13-1.el7.x86\_64

libnuma.so.1(libnuma\_1.2)(64bit) is needed by mysql-community-server-8.0.13-1.el7.x86\_64

**解决办法：**

**yum install numactl**

## 错误 2：

出现问题：

error:

Failed dependencies:

pkgconfig(openssl) is needed by mysql-community-devel-8.0.13-1.el7.x86\_64

**解决办法：**

**yum install openssl-devel.x86\_64 openssl.x86\_64 -y**

## 错误 3：

error:

Failed dependencies:

perl(Data::Dumper) is needed by mysql-community-test-8.0.13-1.el7.x86\_64

**解决办法:**

**yum -y install autoconf**

**错误 4:**

error:

Failed dependencies:

perl(JSON) is needed by mysql-community-test-8.0.13-1.el7.x86\_64

**解决办法:**

**yum install perl.x86\_64 perl-devel.x86\_64 -y**

**yum install perl-JSON.noarch -y**

## 4.初始化数据库

```
mysqld --initialize --console
```

## 5.目录授权，否则启动失败

```
chown -R mysql:mysql /var/lib/mysql/
```

## 6.启动 msyql 服务

```
systemctl start mysqld
```

将 mysql 服务设置为开机启动

```
systemctl enable mysqld
```

```
systemctl daemon-reload
```

## 7.查看 msyql 服务的状态

```
service mysqld status
```

## 8.在/var/log/mysqld.log 下查看临时密码

```
cat /var/log/mysqld.log
```

```
[root@node1 server]# cat /var/log/mysqld.log
2020-04-01T02:40:23.602326Z 0 [System] [MY-013169] [Server] /usr/sbin/mysqld (mysqld 8.0.13) initializing of server in progress as process 19090
2020-04-01T02:40:26.602005Z 5 [Note] [MY-010454] [Server] A temporary password is generated for root@localhost: JhpToQ.9stkn
2020-04-01T02:40:28.819077Z 0 [System] [MY-013170] [Server] /usr/sbin/mysqld (mysqld 8.0.13) initializing of server has completed
2020-04-01T02:41:26.862569Z 0 [System] [MY-010116] [Server] /usr/sbin/mysqld (mysqld 8.0.13) starting as process 20418
2020-04-01T02:41:27.740463Z 0 [Warning] [MY-010068] [Server] CA certificate ca.pem is self signed.
2020-04-01T02:41:27.786296Z 0 [System] [MY-010931] [Server] /usr/sbin/mysqld: ready for connections. Version: '8.0.13' socket: '/var/lib/mysql/mysql.sock' port: 3306 MySQL Community Server - GPL.
2020-04-01T02:41:27.986471Z 0 [System] [MY-011323] [Server] X Plugin ready for connections. Socket: '/var/run/mysqld/mysqlx.sock' bind-address: '::' port: 33060
2020-04-01T02:50:38.651533Z 10 [Warning] [MY-010055] [Server] IP address '192.168.88.5' could not be resolved: Name or service not known
```

## 9.用临时密码登录到数据库

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

输入临时密码（输入时不会显示出来，输入完直接回车）

## 10. 执行下列 mysql 命令 修改密码

```
alter USER 'root'@'localhost' IDENTIFIED BY '新密码';
```

## 11. 依次执行下列 mysql 命令 授权远程连接

查看所有用户是否可以远程连接，依次执行下列命令：

```
show databases;  
  
use mysql;  
  
select host, user, authentication_string, plugin from user;
```

```
mysql> select host, user, authentication_string, plugin from user  
-> ;  
+-----+-----+-----+-----+  
| host      | user      | authentication_string | plugin      |  
+-----+-----+-----+-----+  
| localhost | mysql.infoschema | $A$005$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATMUSTNEVERBRBEUSED | caching_sha2_password |  
| localhost | mysql.session    | $A$005$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATMUSTNEVERBRBEUSED | caching_sha2_password |  
| localhost | mysql.sys        | $A$005$THISISACOMBINATIONOFINVALIDSALTANDPASSWORDTHATMUSTNEVERBRBEUSED | caching_sha2_password |  
| localhost | root           | $A$005$L)*RBl-8Q      ~'{0+-9.rXzKHTo2EzcJMjpOk/BavhKuKSebZcJ9UjpACz18/ | caching_sha2_password |  
+-----+-----+-----+-----+
```

host 为 localhsot，说明用户只能本地连接 msyql 服务

修改 root 用户 host 值，使 root 用户可以远程登录

```
update user set host = "%" where user='root';
```

刷新

```
flush privileges;
```

开启 mysql 远程访问权限

```
use mysql;
```

```
alter USER 'root'@'%' IDENTIFIED WITH mysql_native_password BY 'root 用户的密码';
```

```
flush privileges;
```