# MySQL安装教程

参考博客：<https://blog.csdn.net/jssg_tzw/article/details/68944693>

安装前，请前往mysql官网下载mysql5.7的RPM安装包。我下载的是rpm的集合包：mysql-5.7.17-1.el7.x86\_64.rpm-bundle.tar

**检查卸载mariadb-lib：**

#检查

[root@ares ~]# rpm -qa|grep mariadb

mariadb-libs-5.5.35-3.el7.x86\_64

#卸载

[root@ares ~]# rpm -e mariadb-libs-5.5.35-3.el7.x86\_64 –nodeps

**上传安装包到CentOS7并解压**

**其中，安装mysql-server, 需要以下几个必要的安装包：**

mysql-community-client-5.7.17-1.el7.x86\_64.rpm（依赖于libs）

mysql-community-common-5.7.17-1.el7.x86\_64.rpm （依赖于common）

mysql-community-libs-5.7.17-1.el7.x86\_64.rpm

mysql-community-server-5.7.17-1.el7.x86\_64.rpm（依赖于common, client）

**安装上面四个包需要libaio的依赖, 需要通过以下命令安装：**

#安装libaio

[root@ares mysql-5.7.17-1.el7.x86\_64.rpm-bundle]# yum -y install libaio

**安装mysql-server：**

[root@ares mysql-5.7.17-1.el7.x86\_64.rpm-bundle]# rpm -ivh mysql-community-common-5.7.17-1.el7.x86\_64.rpm mysql-community-libs-5.7.17-1.el7.x86\_64.rpm mysql-community-client-5.7.17-1.el7.x86\_64.rpm mysql-community-server-5.7.17-1.el7.x86\_64.rpm

**初始化数据库：**

[root@ares mysql-5.7.17-1.el7.x86\_64.rpm-bundle]mysqld --initialize #在/var/log/mysqld.log生成随机密码

**更改mysql数据库所属于用户及其所属于组：**

[root@ares mysql]# chown mysql:mysql /var/lib/mysql –R

**启动mysql数据库：**

#启动mysql数据库

[root@ares mysql]# systemctl start mysqld.service

# 到/root目录下寻找.mysql\_secret文件

[root@ares ~]# cat .mysql\_secret

# Password set for user 'root@localhost' at 2017-04-01 03:08:05

=%Tyw\*p&(wb

# 更改root用户密码，新版的mysql在第一次登录后更改密码前是不能执行任何命令的

[root@ares ~]# mysql -u root -p '=%Tyw\*p&(wbl'

**更改MySQL登录密码：**

#更改密码：

mysql> set password=password(123456');

Query OK, 0 rows affected, 1 warning (0.00 sec)

mysql> flush privileges;

mysql> grant all privileges on \*.\* to root@'%' identified by '123456' with grant option;

Query OK, 0 rows affected, 1 warning (0.01 sec)

mysql> flush privileges;

Query OK, 0 rows affected (0.01 sec)

**防火墙配置远程访问：**

开放3306端口号

[root@ares ~]# firewall-cmd --permanent --add-port=3306/tcp

#重新加载防火墙

[root@ares ~]# firewall-cmd --reload

# 查看防火墙配置,可以看出3306已经在例外了

[root@ares ~]# firewall-cmd --list-all

public (default, active)

interfaces: enp0s3 enp0s8

sources:

services: dhcpv6-client ftp ssh

ports: 3306/tcp

masquerade: no

forward-ports:

icmp-blocks:

rich rules: