

mysql 5.7二进制安装 (Percona)

```
rpm --help
rpm -qa | grep mysql
rpm -e --nodeps mysql-libs-5.1.71-1.el6.x86_64
rpm -qa | grep mysql
```

```
tar -xvf Percona-Server-5.7.11-4-Linux.x86_64.ssl101.tar.gz
cd Percona-Server-5.7.11-4-Linux.x86_64.ssl101
```

创建用户：

```
groupadd mysql
useradd -r -g mysql mysql
```

创建数据库目录：

```
mkdir -p /usr/local/mysql : 安装目录
mkdir -p /mysqldata/ : 数据目录
mkdir -p /var/log/mysql/ : 日志目录
```

下载boost：

安装插件：

```
yum install readline-devel git gcc gcc-c++ make cmake bison bison-devel ncurses-devel libaio-devel perl
```

编译安装：

```
cmake -DCMAKE_INSTALL_PREFIX=/usr/local/mysql \
-DMYSQL_UNIX_ADDR=/mysqldata/mysql.sock \
-DWITH_BOOST=/usr/local/mysql/boost \ --??? What for???
-DDEFAULT_CHARSET=utf8 \
-DDEFAULT_COLLATION=utf8_general_ci \
-DWITH_MYISAM_STORAGE_ENGINE=1 \
-DWITH_INNOBASE_STORAGE_ENGINE=1 \
-DWITH_ARCHIVE_STORAGE_ENGINE=1 \
-DWITH_BLACKHOLE_STORAGE_ENGINE=1 \
-DWITH_EDITLINE=bundled \
-DENABLED_LOCAL_INFILE=1 \
-DMYSQL_DATADIR=/mysqldata \
-DMYSQL_TCP_PORT=3306 \
-DZLIB_INCLUDE_DIR:PATH=/usr/include \
-DENABLE_DOWNLOADS=1
```

```
make -j 8
make install
```

初始化数据库：

```
./bin/mysqld --initialize-insecure --user=mysql --basedir=/usr/local/mysql --datadir=/mysqldata --innodb_undo_tablespaces=3
./bin/mysql_ssl_rsa_setup --user=mysql --basedir=/usr/local/mysql --datadir=/mysqldata
```

配置mysql启动服务：

```
cp support-files/mysql.server /etc/init.d/mysql
chmod +x /etc/init.d/mysql
chkconfig mysql on : 配置mysql开机自动启动
service mysql start : 启动mysql
```

配置环境变量：

```
vi /etc/profile
```

添加以下：

```
export PATH=/usr/local/mysql/bin:$PATH
```

```
source /etc/profile
```

设置mysql root用户密码：

```
mysql -u root
```

```
set password=password('root');
```

默认root只允许本地访问

```
use mysql
```

```
select user, host from user where user='mysteel';
```

授予root远程连接权限（生产环境慎用）

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

防火墙配置：

默认3306端口未启用，启用3306端口：

```
vi /etc/sysconfig/iptables
```

在-A INPUT -m state --state NEW -m tcp -p tcp --dport 22 -j ACCEPT后面加入以下内容

```
-A INPUT -m state --state NEW -m tcp -p tcp --dport 3306 -j ACCEPT
```

重新启动防火墙：

```
service iptables restart
```