**1.下载**[**Linux**](https://www.2cto.com/os/linux/)**对应的RPM包**

https://dev.[mysql](https://www.2cto.com/database/MySQL/).com/downloads/mysql/5.6.html

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1 | wget [https://cdn.mysql.com//Downloads/MySQL-5.6/MySQL-5.6.33-1.el6.x86\_64.rpm-bundle.tar](https://cdn.mysql.com/Downloads/MySQL-5.6/MySQL-5.6.33-1.el6.x86_64.rpm-bundle.tar) |

**2.解压tar包**

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1 | tar -xvf MySQL-5.6.33-1.el6.x86\_64.rpm-bundle.tar |

**3.安装MySQL**

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1  2  3 | rpm -ivh MySQL-server-5.6.33-1.el6.x86\_64.rpm  rpm -ivh MySQL-client-5.6.33-1.el6.x86\_64.rpm  rpm -ivh MySQL-devel-5.6.33-1.el6.x86\_64.rpm |

如果出现:

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1  2  3  4 | error: Failed dependencies:          libaio.so.1()(64bit) is needed by MySQL-server-5.6.33-1.el6.x86\_64          libaio.so.1(LIBAIO\_0.1)(64bit) is needed by MySQL-server-5.6.33-1.el6.x86\_64          libaio.so.1(LIBAIO\_0.4)(64bit) is needed by MySQL-server-5.6.33-1.el6.x86\_64 |

下载libaio

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1 | yum install libaio |

如果出现:

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1  2  3  4 | error: Failed dependencies:          libnuma.so.1()(64bit) is needed by MySQL-server-5.6.33-1.el6.x86\_64          libnuma.so.1(libnuma\_1.1)(64bit) is needed by MySQL-server-5.6.33-1.el6.x86\_64          libnuma.so.1(libnuma\_1.2)(64bit) is needed by MySQL-server-5.6.33-1.el6.x86\_64 |

下载numactl

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1 | yum install numactl |

**4.初始化MySQL及设置密码**

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1  2 | /usr/bin/mysql\_install\_db  service mysql start |

如果启动失败可能是数据块所在目录没有权限

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1  2  3 | cat /root/.mysql\_secret  #查看root账号密码  mysql> SET PASSWORD = PASSWORD('123456');  mysql> exit |

如果.mysql\_secret文件不存在,先停止mysql进入安全模式设置密码

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1  2  3  4  5 | service mysql stop  mysqld\_safe --skip-grant-tables&  mysql -u root mysql  mysql> UPDATE user SET password=PASSWORD("new password") WHERE user='root';  mysql> FLUSH PRIVILEGES; |

**5.允许远程登陆**

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1  2  3  4  5 | mysql> use mysql;  mysql> select host,user,password from user;  mysql> update user set host='%' where user='root' and host='localhost';  mysql> flush privileges;  mysql> exit |

**6.设置开机自启动**

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1  2  3 | chkconfig mysql on  chkconfig --list | grep mysql  mysql           0:off   1:off   2:on    3:on    4:on    5:on    6:off |

**7.MySQL的默认安装位置**

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1  2  3  4 | /var/lib/mysql/               #数据库目录  /usr/share/mysql              #配置文件目录  /usr/bin                     #相关命令目录  /etc/init.d/mysql              #启动脚本 |

**8.常用命令**

1.使用客户端工具连接到数据库

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1 | mysql -u root -p |

2.查看MySQL服务器中包含那些数据库

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1 | mysql>SHOW DATABASES; |

3.查看数据库中的数据表信息

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1 | mysql>SHOW TABLES; |

4.切换数据库

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1 | mysql>USE mysql; |

5.创建新的数据库

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1 | mysql>CREATE DATABASE 数据库名字; |

6.创建新的数据表

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1 | mysql>CREATE TABLE 表名 (字段定义) |

7.删除一个数据表

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1 | mysql>DROP TABLE 数据库名.表名; |

8.删除一个数据库

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1 | mysql>DROP DATABASE 数据库名 |

9.备份整个数据库

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1 | mysqldump -u root -p auth > mysql-auth.sql |

10.备份数据库MYSQL中的user表

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1 | mysqldump -u root -p mysql user > mysql.host-user.sql |

11.备份MYSQL服务器中所有数据库

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1 | mysqldump -u root -p -all-databases > mysql-all.sql |

12.恢复数据库

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1 | mysql -u root -p [数据库名]< mysql-all.sql |

13.授予用户权限

[?](https://www.2cto.com/database/201703/613153.html)

|  |  |
| --- | --- |
| 1  2 | GRANT 权限列表 ON 数据库名.表名 TO 用户名@来源地址 [IDENTIFIED BY '密码']  GRANT SELECT ON mysql.user TO daxiong@'localhost' IDENTIFIED BY'123456'; |