**CentOS6.4上面安装Mysql5.6**

# 软件版本

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| 系统版本 |  |
| Mysql版本 |  |

# 安装步骤

## 检测依赖环境完整性

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| // 查询perl依赖是否安装  [root@localhost ~]# rpm –qa | grep perl  [root@localhost ~]#  // 安装perl  [root@localhost ~]# yum install perl perl-devel |

## 上传

## 解压

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| --- |
| // 解压  [root@localhost ~]# tar –zxvf mysql-5.6.30-linux-glibc2.5-x86\_64.tar.gz  // 重命名  [root@localhost softwares]# mv mysql-5.6.30-linux-glibc2.5-x86\_64 mysql-5.6.30 |

## 添加用户及用户组

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| // 添加用户组  [root@localhost softwares]# groupadd mysql  // 添加用户  [root@localhost softwares]# useradd -r -g mysql mysql  // 修改文件属组和用户  [root@localhost softwares]# chown -R mysql:mysql mysql-5.6.30 |

## 安装

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| --- |
| [root@localhost softwares]# su mysql  bash-4.1$ cd mysql-5.6.30/scripts/  bash-4.1$ ./mysql\_install\_db --user=mysql --basedir=/softwares/mysql-5.6.30 --datadir=/softwares/mysql-5.6.30/data  Installing MySQL system tables.../softwares/mysql-5.6.30/bin/mysqld: error while loading shared libraries: libaio.so.1: cannot open shared object file: No such file or directory  bash-4.1$ exit  exit  [root@localhost softwares]# yum install libaio\*  [root@localhost softwares]# su mysql  bash-4.1$ cd mysql-5.6.30/scripts/  bash-4.1$ ./mysql\_install\_db --user=mysql --basedir=/softwares/mysql-5.6.30 --datadir=/softwares/mysql-5.6.30/data  Installing MySQL system tables...2017-03-05 09:04:43 0 [Warning] TIMESTAMP with implicit DEFAULT value is deprecated. Please use --explicit\_defaults\_for\_timestamp server option (see documentation for more details).  2017-03-05 09:04:43 0 [Note] /softwares/mysql-5.6.30/bin/mysqld (mysqld 5.6.30) starting as process 1447 ...  2017-03-05 09:04:43 1447 [Warning] Buffered warning: Changed limits: max\_open\_files: 1024 (requested 5000)  2017-03-05 09:04:43 1447 [Warning] Buffered warning: Changed limits: table\_open\_cache: 431 (requested 2000)  2017-03-05 09:04:43 1447 [Note] InnoDB: Using atomics to ref count buffer pool pages  2017-03-05 09:04:43 1447 [Note] InnoDB: The InnoDB memory heap is disabled  2017-03-05 09:04:43 1447 [Note] InnoDB: Mutexes and rw\_locks use GCC atomic builtins  2017-03-05 09:04:43 1447 [Note] InnoDB: Memory barrier is not used  2017-03-05 09:04:43 1447 [Note] InnoDB: Compressed tables use zlib 1.2.3  2017-03-05 09:04:43 1447 [Note] InnoDB: Using Linux native AIO  2017-03-05 09:04:43 1447 [Note] InnoDB: Using CPU crc32 instructions  2017-03-05 09:04:43 1447 [Note] InnoDB: Initializing buffer pool, size = 128.0M  2017-03-05 09:04:43 1447 [Note] InnoDB: Completed initialization of buffer pool  2017-03-05 09:04:43 1447 [Note] InnoDB: The first specified data file ./ibdata1 did not exist: a new database to be created!  2017-03-05 09:04:43 1447 [Note] InnoDB: Setting file ./ibdata1 size to 12 MB  2017-03-05 09:04:43 1447 [Note] InnoDB: Database physically writes the file full: wait...  2017-03-05 09:04:43 1447 [Note] InnoDB: Setting log file ./ib\_logfile101 size to 48 MB  2017-03-05 09:04:44 1447 [Note] InnoDB: Setting log file ./ib\_logfile1 size to 48 MB  2017-03-05 09:04:44 1447 [Note] InnoDB: Renaming log file ./ib\_logfile101 to ./ib\_logfile0  2017-03-05 09:04:44 1447 [Warning] InnoDB: New log files created, LSN=45781  2017-03-05 09:04:44 1447 [Note] InnoDB: Doublewrite buffer not found: creating new  2017-03-05 09:04:44 1447 [Note] InnoDB: Doublewrite buffer created  2017-03-05 09:04:44 1447 [Note] InnoDB: 128 rollback segment(s) are active.  2017-03-05 09:04:44 1447 [Warning] InnoDB: Creating foreign key constraint system tables.  2017-03-05 09:04:44 1447 [Note] InnoDB: Foreign key constraint system tables created  2017-03-05 09:04:44 1447 [Note] InnoDB: Creating tablespace and datafile system tables.  2017-03-05 09:04:44 1447 [Note] InnoDB: Tablespace and datafile system tables created.  2017-03-05 09:04:44 1447 [Note] InnoDB: Waiting for purge to start  2017-03-05 09:04:44 1447 [Note] InnoDB: 5.6.30 started; log sequence number 0  2017-03-05 09:04:44 1447 [Note] Binlog end  2017-03-05 09:04:44 1447 [Note] InnoDB: FTS optimize thread exiting.  2017-03-05 09:04:44 1447 [Note] InnoDB: Starting shutdown...  2017-03-05 09:04:45 1447 [Note] InnoDB: Shutdown completed; log sequence number 1625977  OK  Filling help tables...2017-03-05 09:04:45 0 [Warning] TIMESTAMP with implicit DEFAULT value is deprecated. Please use --explicit\_defaults\_for\_timestamp server option (see documentation for more details).  2017-03-05 09:04:45 0 [Note] /softwares/mysql-5.6.30/bin/mysqld (mysqld 5.6.30) starting as process 1469 ...  2017-03-05 09:04:45 1469 [Warning] Buffered warning: Changed limits: max\_open\_files: 1024 (requested 5000)  2017-03-05 09:04:45 1469 [Warning] Buffered warning: Changed limits: table\_open\_cache: 431 (requested 2000)  2017-03-05 09:04:45 1469 [Note] InnoDB: Using atomics to ref count buffer pool pages  2017-03-05 09:04:45 1469 [Note] InnoDB: The InnoDB memory heap is disabled  2017-03-05 09:04:45 1469 [Note] InnoDB: Mutexes and rw\_locks use GCC atomic builtins  2017-03-05 09:04:45 1469 [Note] InnoDB: Memory barrier is not used  2017-03-05 09:04:45 1469 [Note] InnoDB: Compressed tables use zlib 1.2.3  2017-03-05 09:04:45 1469 [Note] InnoDB: Using Linux native AIO  2017-03-05 09:04:45 1469 [Note] InnoDB: Using CPU crc32 instructions  2017-03-05 09:04:45 1469 [Note] InnoDB: Initializing buffer pool, size = 128.0M  2017-03-05 09:04:45 1469 [Note] InnoDB: Completed initialization of buffer pool  2017-03-05 09:04:45 1469 [Note] InnoDB: Highest supported file format is Barracuda.  2017-03-05 09:04:45 1469 [Note] InnoDB: 128 rollback segment(s) are active.  2017-03-05 09:04:45 1469 [Note] InnoDB: Waiting for purge to start  2017-03-05 09:04:46 1469 [Note] InnoDB: 5.6.30 started; log sequence number 1625977  2017-03-05 09:04:46 1469 [Note] Binlog end  2017-03-05 09:04:46 1469 [Note] InnoDB: FTS optimize thread exiting.  2017-03-05 09:04:46 1469 [Note] InnoDB: Starting shutdown...  2017-03-05 09:04:47 1469 [Note] InnoDB: Shutdown completed; log sequence number 1625987  OK  To start mysqld at boot time you have to copy  support-files/mysql.server to the right place for your system  PLEASE REMEMBER TO SET A PASSWORD FOR THE MySQL root USER !  To do so, start the server, then issue the following commands:  /softwares/mysql-5.6.30/bin/mysqladmin -u root password 'new-password'  /softwares/mysql-5.6.30/bin/mysqladmin -u root -h localhost.localdomain password 'new-password'  Alternatively you can run:  /softwares/mysql-5.6.30/bin/mysql\_secure\_installation  which will also give you the option of removing the test  databases and anonymous user created by default. This is  strongly recommended for production servers.  See the manual for more instructions.  You can start the MySQL daemon with:  cd . ; /softwares/mysql-5.6.30/bin/mysqld\_safe &  You can test the MySQL daemon with mysql-test-run.pl  cd mysql-test ; perl mysql-test-run.pl  Please report any problems at http://bugs.mysql.com/  The latest information about MySQL is available on the web at  http://www.mysql.com  Support MySQL by buying support/licenses at http://shop.mysql.com  WARNING: Found existing config file /softwares/mysql-5.6.30/my.cnf on the system.  Because this file might be in use, it was not replaced,  but was used in bootstrap (unless you used --defaults-file)  and when you later start the server.  The new default config file was created as /softwares/mysql-5.6.30/my-new.cnf,  please compare it with your file and take the changes you need.  WARNING: Default config file /etc/my.cnf exists on the system  This file will be read by default by the MySQL server  If you do not want to use this, either remove it, or use the  --defaults-file argument to mysqld\_safe when starting the server  bash-4.1$ exit  exit  [root@localhost softwares]# |

## 配置环境变量

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| // 配置权限  [root@localhost softwares]# cd mysql-5.6.30/support-files/  [root@localhost support-files]# cp my-default.cnf /etc/my.cnf  cp：是否覆盖"/etc/my.cnf"？ y  //  [root@localhost support-files]# cp mysql.server /etc/init.d/mysql  [root@localhost support-files]# vi /etc/init.d/mysql  // 添加以下内容  [mysqld]  port=3306  basedir=/softwares/mysql-5.6.30  datadir=/softwares/mysql-5.6.30/data  // 配置环境变量  [root@localhost support-files]# vi /etc/profile  // 添加以下内容  export MYSQL\_HOME="/softwares/mysql-5.6.30"  export PATH="$PATH:$MYSQL\_HOME/bin"  // 使环境变量生效  [root@localhost support-files]# source /etc/profile  // 添加自启动  [root@localhost support-files]# chkconfig --add mysql  [root@localhost support-files]# chkconfig mysql on |

## 登录并设置密码

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| // 启动mysql  [root@localhost support-files]# service mysql start  // 设置root账户密码  [root@localhost ~]# mysqladmin -u root password 'root'  Warning: Using a password on the command line interface can be insecure.  // 登录  [root@localhost ~]# mysql -uroot -proot  Warning: Using a password on the command line interface can be insecure.  Welcome to the MySQL monitor. Commands end with ; or \g.  Your MySQL connection id is 2  Server version: 5.6.30 MySQL Community Server (GPL)  Copyright (c) 2000, 2016, Oracle and/or its affiliates. All rights reserved.  Oracle is a registered trademark of Oracle Corporation and/or its  affiliates. Other names may be trademarks of their respective  owners.  Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.  // 设置远程登录  mysql> GRANT ALL PRIVILEGES ON \*.\* TO 'root'@'%' IDENTIFIED BY 'root' WITH GRANT OPTION;  Query OK, 0 rows affected (0.01 sec)  // 刷新权限  mysql> FLUSH PRIVILEGES;  Query OK, 0 rows affected (0.00 sec)  mysql> |

## 设置远程登录

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| // 开放3306端口  [root@localhost ~]# vi /etc/sysconfig/iptables  -A INPUT -m state --state NEW -m tcp -p tcp --dport 3306 -j ACCEPT  [root@localhost ~]# service iptables restart  iptables：清除防火墙规则： [确定]  iptables：将链设置为政策 ACCEPT：filter [确定]  iptables：正在卸载模块： [确定]  iptables：应用防火墙规则： [确定] |

参考网址：

http://blog.sina.com.cn/s/blog\_d0cac3230102w6ph.html