一、系统环境

yum update升级以后的系统版本为

[root@yl-web yl] # cat /etc/redhat-release CentOS Linux release 7.1.1503 (Core)

二、mysql安装

一般网上给出的资料都是

#yum install mysql #yum install mysql-server

#yum install mysql-devel

安装mysql和mysql-devel都成功,但是安装mysql-server失败,如下:

[root@yl-web yl] # yum install mysql-server Loaded plugins: fastestmirror Loading mirror speeds from cached hostfile * base: mirrors.sina.cn * extras: mirrors.sina.cn

* updates: mirrors.sina.cn No package mysql-server available. Error: Nothing to do

查资料发现是CentOS 7 版本将MySQL数据库软件从默认的程序列表中移除,用mariadb代替了。

有两种解决办法:

1、方法一:安装mariadb

MariaDB数据库管理系统是MySQL的一个分支,主要由开源社区在维护,采用GPL授权许可。开发这个分支的原因之一是:甲骨文公司收购了MySQL后,有将MySQL闭源的潜在风险,因此社区采用分支的方式来避开这个风险。MariaDB的目的是完全 兼容MySQL,包括API和命令行,使之能轻松成为MySQL的代替品。

安装mariadb,大小59 M。

[root@yl-web yl] # yum install mariadb-server mariadb

mariadb数据库的相关命令是:

systemctl start mariadb #启动MariaDB

systemctl stop mariadb #停止MariaDB systemctl restart mariadb #重启MariaDB

systemctl enable mariadb #设置开机启动 所以先启动数据库

[root@yl-web yl] # systemctl start mariadb

然后就可以正常使用mysql了

[root@yl-web yl] # mysql -u root -p Enter password: Welcome to the MariaDB monitor. Commands end with ; or \g.

Your MariaDB connection id is 3 Server version: 5.5.41-MariaDB MariaDB Server

Copyright (c) 2000, 2014, Oracle, MariaDB Corporation Ab and others. Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)] > show databases;

| information schema | | mysql

Database

| performance_schema | 4 rows in set (0.00 sec)

MariaDB [(none)]>

2、方法二:官网下载安装mysql-server

wget http://dev.mysql.com/get/mysql-community-release-e17-5.noarch.rpm

安装mariadb后显示的也是 MariaDB [(none)]> ,可能看起来有点不习惯。下面是第二种方法。

rpm -ivh mysql-community-release-e17-5.noarch.rpm # yum install mysql-community-server

安装成功后重启mysql服务。

service mysqld restart

初次安装mysql, root账户没有密码。

[root@yl-web yl] # mysql -u root Welcome to the MySQL monitor. Commands end with ; or \g.

Your MySQL connection id is 3 Server version: 5.6.26 MySQL Community Server (GPL)

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

+-----| Database +----+ | information_schema |

mysql> show databases;

4 rows in set (0.01 sec)

| performance_schema |

mysql>

设置密码

mysql>

不需要重启数据库即可生效。

mysql> set password for 'root'@'localhost' =password('password');

在mysql安装过程中如下内容:

Query OK, 0 rows affected (0.00 sec)

Installed: mysql-community-client.x86_64 0:5.6.26-2.el7 mysql-community-libs.x86_64 0:5.6.26-2.e17

Dependency Installed: mysql-community-common.x86_64 0:5.6.26-2.e17

mariadb.x86_64 1:5.5.41-2.e17_0 mariadb-devel.x86_64 1:5.5.41-2.e17_0 mariadb-libs.x86_64 1:5.5.41-2.e17_0 mariadb-server.x86_64 1:5.5.41-2.e17_0

所以安装完以后mariadb自动就被替换了,将不再生效。

[root@yl-web yl] # rpm -qa |grep mariadb [root@yl-web yl]#

三、配置mysql

mysql配置文件为/etc/my.cnf

1、编码

最后加上编码配置

[mysql] default-character-set =utf8

这里的字符编码必须和/usr/share/mysql/charsets/Index.xml中一致。

charset name="utf8"> <family>Unicode</family>

<alias>utf-8</alias> <collation name="utf8_general_ci"</pre> <flag>primary</flag> <flag>compiled</flag> </collation> <collation name="utf8_bin"</pre> <flag>binary</flag> <flag>compiled</flag> </collation> /charset>

2、远程连接设置

mysql> grant all privileges on *.* to root@'%'identified by 'password';

把在所有数据库的所有表的所有权限赋值给位于所有IP地址的root用户。

如果是新用户而不是root,则要先新建用户

mysql>create user 'username'@'%' identified by 'password';

此时就可以进行远程连接了。

本文作者 starof,因知识本身在变化,作者也在不断学习成长,文章内容也不定时更新,为避免误导读者,方便追根溯源,请诸位转载注明出处: http://www.cnblogs.com/starof/p/4680083.html 有问题欢迎与我讨论,共同进步。

mysql-community-devel.x86_64 0:5.6.26-2.e17

mysql-community-server.x86_64 0:5.6.26-2.e17