

centos 7.3 install kmailio 5.x

0.install centos 7.3 minimal root/密码两个空格

<https://github.com/kamailio/kamailio>

1.Prerequisites

a.关闭SELinux

查看SELinux是否开启：

sestatus

临时关闭SELinux

setenforce 0

永久关闭SELinux

vim /etc/selinux/config

b.关闭防火墙

查看防火墙状态：

systemctl status firewalld.service

关闭防火墙：

```
systemctl stop firewalld.service
```

禁止防火墙开机启动：

```
systemctl disable firewalld.service
```

reboot system ,验证 selinux & firewall 是否关闭。

2.install mariadb

a.安装数据库

```
yum -y install epel-release
```

```
yum install mariadb-server mariadb php php-mysql php-gd php-curl
```

b.Start MariaDB and configure it

开启MariaDB并设置开机启动

```
systemctl start mariadb
```

```
systemctl enable mariadb
```

Confirm that mariadb is running

```
systemctl status mariadb
```

Configure Mariadb database 配置数据库

```
mysql_secure_installation
```

第一个问题直接回车，然后设置数据库密码为 1

其余的直接回车即可，就设置了数据库密码。

3.添加 Kamilio 5.x的源并安装 kamilio

a. 去 <https://www.kamilio.org/wiki/packages/rpms>

然后到

http://download.opensuse.org/repositories/home:/kamilio:/v5.0.x-rpms/CentOS_7/

```
cd /etc/yum.repos.d
```

```
wget
```

```
http://download.opensuse.org/repositories/home:/kamilio:/v5.0.x-rpms/CentOS\_7/home:kamilio:v5.0.x-rpms.repo
```

然后 **yum update**

b.安装 kamilio

```
yum install -y kamilio kamilio-ldap kamilio-mysql kamilio-postgres  
kamilio-debuginfo kamilio-xmpp kamilio-unixodbc kamilio-utils  
kamilio-tls kamilio-outbound kamilio-gzcompress
```

c.Edit the file /etc/kamilio/kamctlrc and make sure the DBENGINE variable is set to MySQL. Remove the pound symbol to uncomment it.

vim /etc/kamailio/kamctlrc

Set Database engine to MYSQL

DBENGINE=MYSQL

d.Create database for Mysql. Command below will create users and tables need by Kamailio(Schema)

kamdbctl create

数据库密码是在 mysql secure_installation 中设置的 **1**

其余的页面都直接回车即可

kamailio: with password **kamailiorw**. It has read/write access permissions to the Kamailio database.

kamailioro: The passwd for this user is **kamailioro**. It has read only access permissions to the Kamailio database.

e.修改 kamailio.cfg 配置文件

vim /etc/kamailio/kamailio.cfg

#!KAMAILIO这一行的下一行 添加：

#!define WITH_MYSQL

#!define WITH_AUTH

#!define WITH_USRLOCDB

f.启动 kamailio

service kamilio start

4.添加用户：

kamctl add 1000@192.168.199.130 123456

kamctl add 9000@192.168.199.130 123456

kamctl add 1111@10.1.39.124 123456

kamctl add 9999@10.1.39.124 123456

要求输入kamilio的密码，就是上边的 **kamailiorw**，然后创建用户成功。

重启kamilio

用两个用户登录进行通话

参考资源：

<http://computingforgeeks.com/how-to-install-latest-kamailio-sip-server-on-centos-7/>

<https://kamailio.org/docs/tutorials/5.0.x/kamailio-install-guide-git/>

<https://github.com/kamailio/kamailio>

Kamailio(OpenSER)开源SIP服务器-呼叫重定向（负载均衡）

<http://bbs.chinaunix.net/thread-1391911-1-1.html>

远程访问kamailio数据库：

```
GRANT ALL PRIVILEGES ON *.* TO 'root'@'192.168.100.%' IDENTIFIED BY  
'1' WITH GRANT OPTION;
```