**安装**

1,配置防火墙，开启10050、10051的TCP和UDP端口

vi /etc/sysconfig/iptables #编辑防火墙配置文件

-A INPUT -s 192.168.21.127 -m state --state NEW -m tcp -p tcp --dport 10050:10051 -j ACCEPT

-A INPUT -s 192.168.21.127 -m state --state NEW -m udp -p udp --dport 10050:10051 -j ACCEPT

:wq! #保存退出

service iptables restart #重启防火墙使配置生效

说明：192.168.21.127是Zabbix服务端的IP地址，表示端口只对此IP开放，如果要对所有IP开放，规则如下：

-A INPUT -m state --state NEW -m tcp -p tcp --dport 10050:10051 -j ACCEPT

-A INPUT -m state --state NEW -m udp -p udp --dport 10050:10051 -j ACCEPT

2,关闭SELINUX

vi /etc/selinux/config

#SELINUX=enforcing #注释掉

#SELINUXTYPE=targeted #注释掉

SELINUX=disabled #增加

:wq! #保存退出

setenforce 0 #使配置立即生效

3,安装Zabbix

安装工具包

yum install apr\* autoconf automake bison cloog-ppl compat\* cpp curl curl-devel fontconfig fontconfig-devel freetype freetype\* freetype-devel gcc gcc-c++ gtk+-devel gd gettext gettext-devel glibc kernel kernel-headers keyutils keyutils-libs-devel krb5-devel libcom\_err-devel libpng\* libjpeg\* libsepol-devel libselinux-devel libstdc++-devel libtool\* libgomp libxml2 libxml2-devel libXpm\* libtiff libtiff\* libX\* make mpfr ncurses\* ntp openssl openssl-devel patch pcre-devel perl php-common php-gd policycoreutils ppl telnet t1lib t1lib\* nasm nasm\* wget zlib-devel

groupadd zabbix

useradd zabbix -g zabbix -s /bin/false

tar xzvf zabbix.tar.gz

cd zabbix

./configure --prefix=/usr/local/zabbix --enable-server --enable-agent --with-mysql --with-net-snmp --with-libcurl --enable-proxy

make && make install

cp misc/init.d/fedora/core/zabbix\_server /etc/init.d/

cp misc/init.d/fedora/core/zabbix\_agentd /etc/init.d/

4，添加zabbix服务对应的端口

echo 'zabbix-agent 10050/tcp #Zabbix Agent' >> /etc/services

echo 'zabbix-agent 10050/udp #Zabbix Agent' >> /etc/services

echo 'zabbix-trapper 10051/tcp #Zabbix trapper' >> /etc/services

echo 'zabbix-trapper 10051/udp #Zabbix trapper' >> /etc/services

5、修改Zabbix配置文件

vi /usr/local/zabbix/etc/zabbix\_agentd.conf  #编辑

Server=192.168.0.188

Include=/usr/local/zabbix/etc/zabbix\_agentd.conf.d/

UnsafeUserParameters=1 #启用自定义key

:wq! #保存退出

vi /usr/local/zabbix/etc/zabbix\_server.conf

LogFile=/tmp/zabbix\_server.log

PidFile=/tmp/zabbix\_server.pid

DBName=zabbix

DBUser=zabbix\_user

DBPassword=123456

ListenIP=192.168.0.188 #服务器IP地址

备注：192.168.0.188是Zabbix服务端IP地址

6，添加开机启动脚本

cp misc/init.d/fedora/core/zabbix\_agentd /etc/rc.d/init.d/zabbix\_agentd

vi /etc/rc.d/init.d/zabbix\_agentd #编辑

BASEDIR=/usr/local/zabbix/ #Zabbix安装目录

:wq! #保存退出

chmod +x /etc/rc.d/init.d/zabbix\_agentd #添加脚本执行权限

chkconfig zabbix\_agentd on #添加开机启动

7，导入数据

mysql -uzabbix -pzabbix -hlocalhost zabbix < database/mysql/schema.sql

mysql -uzabbix -pzabbix -hlocalhost zabbix < database/mysql/images.sql

mysql -uzabbix -pzabbix -hlocalhost zabbix < database/mysql/data.sql

8，部署php程序

cp -R frontends/php /var/www/html/zabbix

9，启动服务

/usr/local/zabbix/sbin/zabbix\_server start

/usr/local/zabbix/sbin/zabbix\_agentd start

echo "/usr/local/zabbix/sbin/zabbix\_server start" >> /etc/rc.local

echo "/usr/local/zabbix/sbin/zabbix\_agentd start" >> /etc/rc.local

web页面配置，配置http访问好了后web登陆：<http://ip/zabbix>

**用户自定义监控脚本**

例子：监控192.168.0.172上面的mysql

首先需要在172上安装zabbix agent

tar xzvf zabbix.tar.gz

cd zabbix

./configure --prefix /etc/zabbix-agent --enable-agent

make && make install

groupadd zabbix

useradd -g zabbix -m zabbix

配置zabbix agent

vim /etc/zabbix-agent/etc/zabbix\_agentd.conf

LogFile=/tmp/zabbix\_agentd.log

Server=192.168.0.188 #zabbix server ip

Hostname=test6 #客户端主机名(执行hostname命令所得)

Include=/etc/zabbix-agent/etc/zabbix\_agentd.conf.d/

启动zabbix aggent

/etc/zabbix-agent/sbin/zabbix\_agentd

编写监控脚本(该监控脚本在server和agent机器上都需要放置在同一路径下)

vim /opt/tools/mysql\_zabbix.sh

#!/bin/bash

MYSQL\_DIR=/usr/local/mysql56

MYSQL=${MYSQL\_DIR}/bin/mysql

MYSQLADMIN=${MYSQL\_DIR}/bin/mysqladmin

MYSQL\_SOCK="/tmp/mysql3306.sock"

MYSQL\_USER=root

MYSQL\_PWD=4fqqoucUdDTSlpsi

ARGS=1

if [ $# -ne "$ARGS" ];then

  echo "Please input one arguement:"

fi

case $1 in

  Uptime)

    result=`${MYSQLADMIN} -u${MYSQL\_USER} -p${MYSQL\_PWD} -S $MYSQL\_SOCK status|cut -f2 -d":"|cut -f1 -d"T"`

      echo $result

      ;;

    Com\_update)

      result=`${MYSQLADMIN} -u${MYSQL\_USER} -p${MYSQL\_PWD} -S $MYSQL\_SOCK extended-status |grep -w "Com\_update"|cut -d"|" -f3`

      echo $result

      ;;

    Slow\_queries)

    result=`${MYSQLADMIN} -u${MYSQL\_USER} -p${MYSQL\_PWD} -S $MYSQL\_SOCK status |cut -f5 -d":"|cut -f1 -d"O"`

        echo $result

        ;;

  Com\_select)

    result=`${MYSQLADMIN} -u${MYSQL\_USER} -p${MYSQL\_PWD} -S $MYSQL\_SOCK extended-status |grep -w "Com\_select"|cut -d"|" -f3`

        echo $result

        ;;

  Com\_rollback)

    result=`${MYSQLADMIN} -u${MYSQL\_USER} -p${MYSQL\_PWD} -S $MYSQL\_SOCK extended-status |grep -w "Com\_rollback"|cut -d"|" -f3`

        echo $result

        ;;

  Questions)

    result=`${MYSQLADMIN} -u${MYSQL\_USER} -p${MYSQL\_PWD} -S $MYSQL\_SOCK status|cut -f4 -d":"|cut -f1 -d"S"`

        echo $result

        ;;

  Com\_insert)

    result=`${MYSQLADMIN} -u${MYSQL\_USER} -p${MYSQL\_PWD} -S $MYSQL\_SOCK extended-status |grep -w "Com\_insert"|cut -d"|" -f3`

        echo $result

        ;;

  Com\_delete)

    result=`${MYSQLADMIN} -u${MYSQL\_USER} -p${MYSQL\_PWD} -S $MYSQL\_SOCK extended-status |grep -w "Com\_delete"|cut -d"|" -f3`

        echo $result

        ;;

  Com\_commit)

    result=`${MYSQLADMIN} -u${MYSQL\_USER} -p${MYSQL\_PWD} -S $MYSQL\_SOCK extended-status |grep -w "Com\_commit"|cut -d"|" -f3`

        echo $result

        ;;

  Bytes\_sent)

    result=`${MYSQLADMIN} -u${MYSQL\_USER} -p${MYSQL\_PWD} -S $MYSQL\_SOCK extended-status |grep -w "Bytes\_sent" |cut -d"|" -f3`

        echo $result

        ;;

  Bytes\_received)

    result=`${MYSQLADMIN} -u${MYSQL\_USER} -p${MYSQL\_PWD} -S $MYSQL\_SOCK extended-status |grep -w "Bytes\_received" |cut -d"|" -f3`

echo $result

        ;;

  Com\_begin)

    result=`${MYSQLADMIN} -u${MYSQL\_USER} -p${MYSQL\_PWD} -S $MYSQL\_SOCK extended-status |grep -w "Com\_begin"|cut -d"|" -f3`

        echo $result

        ;;

    \*)

    echo "Usage:$0(Uptime|Com\_update|Slow\_queries|Com\_select|Com\_rollback|Questions)"

    ;;

esac

chmod +x /opt/tools/mysql\_zabbix.sh

chown -R zabbix:zabbix /opt/tools/mysql\_zabbix.sh

新增如下内容（服务端和客户端都需要新增）

vim /usr/local/zabbix/etc/zabbix\_agentd.conf.d/userparameter\_mysql.conf

UserParameter=mysql.test[\*],/opt/tools/mysql\_zabbix.sh $1 $2

修改后需要重启服务

测试

服务端 /usr/local/zabbix/bin/zabbix\_get -s 192.168.0.172 -p 10050 -k mysql.test[Uptime]