

一 部署环境介绍安装

Zabbix 组件概述、描述需要安装的组件

1. 安装 Centos6.3, 设置好基本网络参数,
2. 关闭自带的 SELINUX, 编辑/etc/selinux/config
vi /etc/selinux/config
SELINUX=disabled //修改结果
/etc/init.d/NetworkManager stop //必关
chkconfig --level NetworkManager stop //必关

1) 建立 LAMP 环境

```
yum -y install httpd mysql-server php
```

2) 其他需要用到的包

```
yum -y install gcc mysql-devel php-mysql php-mbstring php-xml curl-devel php-gd
```

```
net-snmp-devel php-bcmath
```

3) 配置 http、mysql 随系统启动

```
chkconfig httpd on
```

```
chkconfig mysqld on
```

4) 编译安装 iksemel

```
wget http://iksemel.googlecode.com/files/iksemel-1.4.tar.gz
```

```
tar zxvf iksemel-1.4.tar.gz
```

```
cd iksemel-1.4
```

```
./configure --prefix=/usr/local/iksemel
```

```
make && make install
```

5) 新建 zabbix 组和用户

```
/usr/sbin/groupadd zabbix
```

```
/usr/sbin/useradd -g zabbix zabbix
```

6) 编译安装 zabbix

```
wget
```

```
http://jaist.dl.sourceforge.net/project/zabbix/ZABBIX%20Latest%20Stable/2.2.2/zabbix-2.2.2.tar.
```

```
gz
```

```
tar zxvf zabbix-2.2.2.tar.gz
```

```
cd /root/zabbix-2.2.2/
```

```
./configure --prefix=/usr/local/zabbix --enable-server --enable-agent --with-mysql
```

```
--with-net-snmp --enable-ipv6 --with-jabber=/usr/local/iksemel/ --with-libcurl
```

```
make && make install
```

7) 创建 zabbix 数据库

```
/etc/init.d/mysqld start
```

```
/usr/bin/mysqladmin -u root password '95105818'
```

8) 登陆数据库创建 zabbix 库, 设置字符为 utf8

```
#mysql -uroot -p
```

```
>create database zabbix character set utf8;
```

```
>grant all privileges on zabbix.* to zabbix@localhost identified by '95105818';
```

?可能出问题?没有将数据导入数据库

```
>flush privileges;
```

```
quit
```

9) 导入数据库

```
cd /root/zabbix-2.2.2/database/mysql/
```

```
chown -R zabbix.zabbix /root/zabbix-2.2.2/database/mysql/
```

```
mysql -u zabbix -p zabbix < schema.sql
```

```
mysql -u zabbix -p zabbix < images.sql
```

```
mysql -u zabbix -p zabbix < data.sql
```

10) 复制配置文件到 zabbix 安装目录 ==可能出现权限问题哦==

```
cp -R /root/zabbix-2.2.2/conf/zabbix_agentd /usr/local/zabbix/etc/
```

```
cp -R /root/zabbix-2.2.2/conf/zabbix_agentd.win.conf /usr/local/zabbix/etc/
```

```
cp -R /root/zabbix-2.2.2/conf/zabbix_proxy.conf /usr/local/zabbix/etc
```

11) 修改 zabbix_server.conf 配置文件数据库(mysql)相关部分

```
vim /usr/local/zabbix/etc/zabbix_server.conf
```

```
##修改以下内容##
```

```
DBUser=zabbix
```

```
DBPassword=95105818
```

12) 添加服务端口,将端口添加至 services 末尾

```
vim /etc/services
```

```
#zabbix services
```

```
zabbix-agent 10050/tcp      #Zabbix Agent
```

```
zabbix-agent 10050/udp      #Zabbix Agent
```

```
zabbix-trapper10051/tcp     #Zabbix Trapper
```

```
zabbix-trapper10051/udp     #Zabbix Trapper
```

13) 修改 zabbix 目录用户属性及权限

```
chown -R zabbix.zabbix /usr/local/zabbix/
```

14) 配置软连接

库文件软链接

```
ln -s /usr/local/iksemel/lib/libiksemel.so.3 /usr/lib/libiksemel.so.3
```

```
##64bit system ln is
```

```
ln -s /usr/local/iksemel/lib/libiksemel.so.3 /usr/lib64/libiksemel.so.3
```

为 zabbix 命令行操作文件做链接

```
ln -s /usr/local/zabbix/bin/* /usr/bin/  
ln -s /usr/local/zabbix/sbin/* /usr/sbin/
```

15) 配置 zabbix 启动脚本 #/////????

拷贝 zabbix 启动脚本到/etc/init.d/下

```
cp /root/zabbix-2.2.2/misc/init.d/fedora/core/zabbix_* /etc/init.d/
```

##配置及修改 zabbix 启动脚本中程序目录位置

```
vim /etc/init.d/zabbix_server
```

修改

```
BASEDIR=/usr/local/zabbix
```

```
vim /etc/init.d/zabbix_agentd
```

修改

```
BASEDIR=/usr/local/zabbix
```

修改可执行权限，方可启动脚本

```
chmod +x /etc/init.d/zabbix_server
```

```
chmod +x /etc/init.d/zabbix_agentd
```

16) 添加开机启动服务

```
chkconfig --add zabbix_server
```

```
chkconfig --add zabbix_agentd
```

```
chkconfig --level 345 zabbix_server on
```

```
chkconfig --level 345 zabbix_agentd on
```

```
检查 chkconfig --list |grep zabbix
```

17) web 相关配置

```
mkdir /var/www/html/zabbix
```

```
cp -a /root/zabbix-2.2.2/frontend/php/* /var/www/html/zabbix/
```

```
chown -R zabbix.zabbix /var/www/html/zabbix/
```

18) 对 php 配置文件做相应的调整，使其满足 zabbix 运行的最低环境要求

```
#vim /etc/php.ini
```

```
date.timezone = "Asia/Chongqing"
```

```
post_max_size = 16M
```

```
max_execution_time = 300
```

```
max_input_time = 300
```