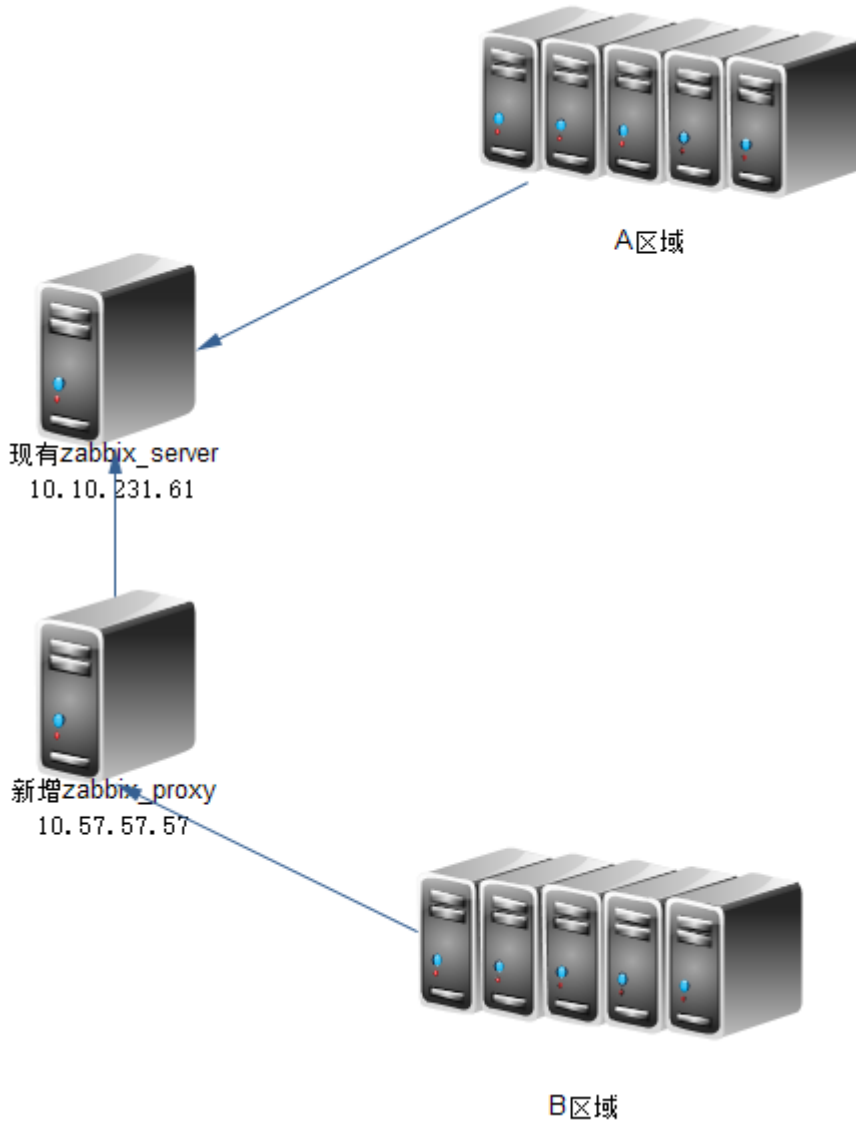


须知：

在现有的zabbix_server中，由于增加机房，添加zabbix_proxy服务器，不修改原有的zabbix_server，如下图：

zabbix_proxy通过agentd端收集数据后发送给zabbix_server



准备：

本章使用nmp使用docker容器构建测试，本周的nmp和普通编译安装并没有什么不同

zabbix安装包：zabbix-3.2.2.tar.gz，lnmp

配置nmp

1,装备好docker，docker-compose环境，安装mariadb，一键安装命令如下：

```
curl -Lks4 https://raw.githubusercontent.com/LinuxEA-Mark/docker-mariaDB/master/docker-mysql-create.sh|bash
```

2,安装php-fpm和nginx，一键安装命令如下：

```
curl -Lks4 https://raw.githubusercontent.com/LinuxEA-Mark/docker-nginx-php-fpm/master/nginx-php.sh |bash
```

授权和编译zabbix

数据库root/abc123,zabbix_proxy/password

curl -Lks4 https://raw.githubusercontent.com/LinuxEA-Mark/zabbix3.0.2-complete-works/master/zabbix-proxy/install_proxy.sh |bash

Proxy配置文件修改

proxy是不需要web界面配置的，编译安装完成后，直接修改配置文件启动即可

1，在proxy配置文件中：

server项填写zabbix_server地址

Hostname，这里的hostname和agentd的hostname一样，在后面也会和web界面中添加代理的名字也一样，其他按需填写即可

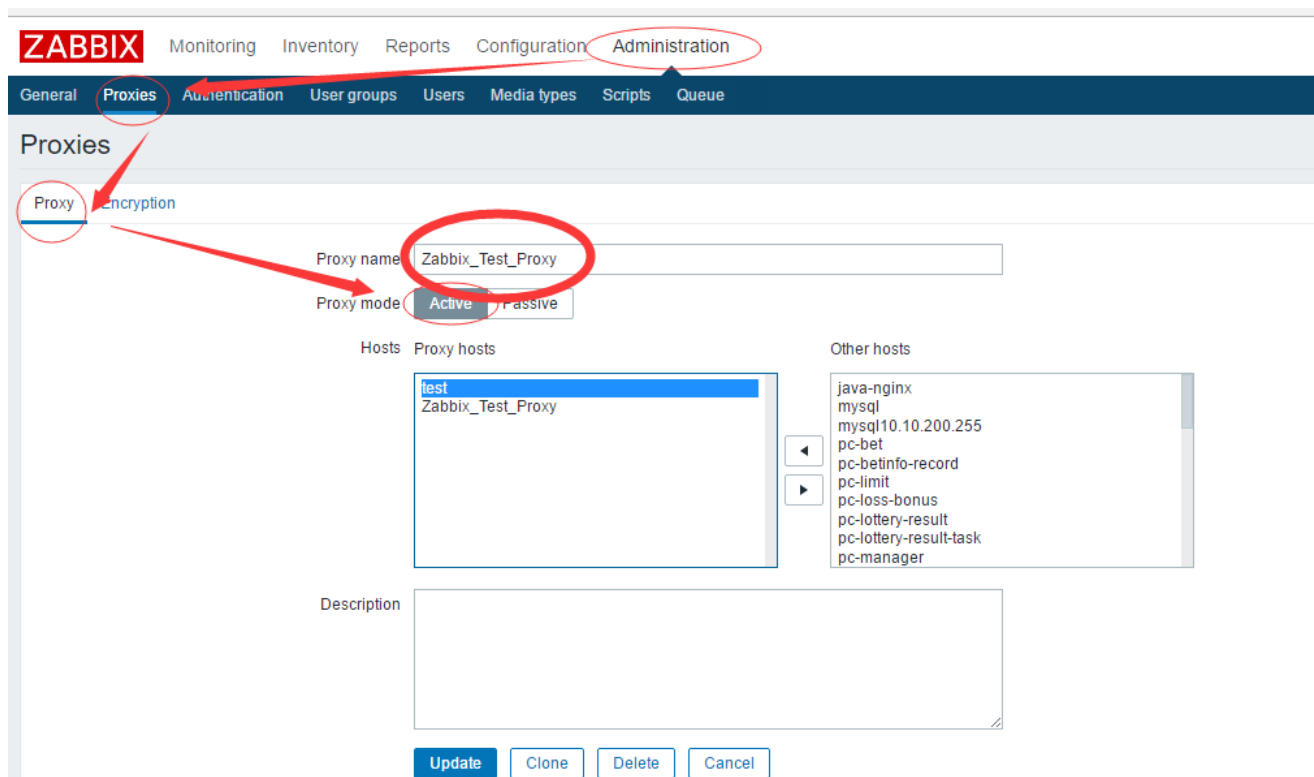
在agentd配置文件中：

server: server地址是proxy的ip

Hostname 和proxy的配置文件中的hostname一致

```
[root@linuxea.com /usr/local/zabbix_proxy/etc]# egrep -v "^$|^#" zabbix_proxy.conf
Server=10.10.231.61
Hostname=Zabbix_Test_Proxy
LogFile=/tmp/zabbix_proxy.log
DBHost=127.0.0.1
DBName=zabbix_proxy
DBUser=zabbix_proxy
DBPassword=password
DBPort=3306
DataSenderFrequency=60
Timeout=4
LogSlowQueries=3000
[root@linuxea.com /usr/local/zabbix_proxy/etc]# egrep -v "^$|^#" zabbix_agentd.conf
LogFile=/tmp/zabbix_agentd.log
SourceIP=10.57.57.57
Server=10.57.57.57
Hostname=Zabbix_Test_Proxy
[root@linuxea.com /usr/local/zabbix_proxy/etc]#
```

2，在web界面中，添加如下



3, 将zabbix_proxy机器的agentd添加到zabbix_server中

ZABBIX Monitoring Inventory Reports **Configuration** Administration

Host groups Templates **Hosts** Maintenance Actions Event correlation Discovery IT services

Hosts

All hosts / Zabbix_Test_Proxy: Zabbix_Test_Proxy Enabled ZBX SNMP JMX IPMI Applications 10 Items 56 Triggers 23 Graphs 11 Discovery rules 2 Web scen

Host Templates IPMI Macros Post inventory Encryption

Host name: Zabbix_Test_Proxy

Visible name:

Groups

In groups: test

Other groups: Discovered hosts, Hypervisors, Linux servers, Templates, Virtual machines, Zabbix servers, 蛮牛功能测试, 蛮牛蛋蛋

New group:

Agent interfaces

IP address	DNS name	Connect to	Port	Default
10.57.57.57		IP DNS	10050	Remove

Add

SNMP interfaces: Add

JMX interfaces: Add

IPMI interfaces: Add

Description:

Monitored by proxy: Zabbix_Test_Proxy

Enabled: ☒

4,添加一台host主机

Server地址填写proxy ip

```
[root@linuxea.com ~]# yum install http://repo.zabbix.com/zabbix/3.0/rhel/7/x86_64/zabbix-agent-3.0.7-1.el7.x86_64.rpm -y
[root@linuxea.com ~]# yum install http://repo.zabbix.com/zabbix/3.0/rhel/7/x86_64/zabbix-sender-3.0.7-1.el7.x86_64.rpm -y
[root@linuxea.com ~]# egrep -v "^\s|^#" /etc/zabbix/zabbix_agentd.conf
PidFile=/var/run/zabbix/zabbix_agentd.pid
LogFile=/var/log/zabbix/zabbix_agentd.log
LogFileSize=0
Server=10.57.57.57
Hostname=10.0.1.49
Include=/etc/zabbix/zabbix_agentd.d/
```

在web中添加，不要忘记添加groups

ZABBIX Monitoring Inventory Reports **Configuration** Administration

Host groups Templates **Hosts** Maintenance Actions Event correlation Discovery IT services

Hosts

All hosts / Zabbix_Test_Proxy: test Enabled ZBX SNMP JMX IPMI Applications 10 Items 51 Triggers 21 Graphs 10 Discovery rules 2 Web scenarios

Host Templates IPMI Macros Host inventory Encryption

Host name: test

Visible name:

Groups: test

Other groups: Discovered hosts, Hypervisors, Linux servers, Templates, Virtual machines, Zabbix servers, 蛮牛功能测试, 蛮牛蛋蛋

New group:

Agent interfaces:

IP address	DNS name	Connect to	Port	Default
10.0.1.49		IP DNS	10050	<input checked="" type="radio"/> Remove

SNMP interfaces: Add

JMX interfaces: Add

IPMI interfaces: Add

Description:

Monitored by proxy: Zabbix_Test_Proxy

Enabled: ☒

添加完成后在代理配置中可以看到有两个主机和items数量

ZABBIX Monitoring Inventory Reports **Configuration** Administration

General **Proxies** Authentication User groups Users Media types Scripts Queue

Proxies

Create proxy

Filter: Name: Mode: Any Active Passive

Apply Reset

Name	Mode	Encryption	Last seen (age)	Host count	Item count	Required performance (vps)	Hosts
Zabbix_Test_Proxy	Active	NONE	11s	2	107	1.31	test, Zabbix_Test_Proxy

Displaying 1 of 1 found

如果没有意外，主动模式已经完成

Screens

All screens / test_proxy

