

Zabbix 3.0.x Server 端安装 for CentOS 6.x

在 CentOS 6.x 上 yum 安装 Zabbix 3.0.x 出现的问题，在这里简单的写一篇文档仅供大家参考。

1、环境说明

CentOS 6.8

Zabbix server: 192.168.56.55 #用于 zabbix 的 server 端

Zabbix agent: 192.168.56.56 #用于 zabbix 的 agent 端

```
[root@linux-node01 ~]# uname -r
2.6.32-642.15.1.el6.x86_64

[root@linux-node01 ~]# cat /etc/centos-release
CentOS release 6.8 (Final)

[root@linux-node01 ~]# ip a s eth0 | awk -F '[ /]+' 'NR==3 {print $3}'
192.168.56.55

[root@linux-node01 ~]# getenforce
Disabled

[root@linux-node01 ~]# /etc/init.d/iptables status
iptables: 未运行防火墙。

[root@linux-node01 ~]# crontab -l
#time sync by yipianyezi at 2017-03-23
*/5 * * * * /usr/sbin/ntpdate cn.ntp.org.cn >/dev/null 2>&1
```

selinux 以及 iptables 均已关闭，并做好时间同步

2、server 端安装

```
[root@linux-node01 ~] # yum install http://mirrors.aliyun.com/zabbix/zabbix/3.0/rhel/6/x86_64/zabbix-release-3.0-1.el6.noarch.rpm -y

[root@linux-node01 ~]# yum install https://mirrors.tuna.tsinghua.edu.cn/remi/enterprise/remi-release-6.rpm -y

[root@linux-node01 ~]# yum install https://mirrors.tuna.tsinghua.edu.cn/percona/yum/el6/percona-release-0.1-4.noarch.rpm -y

[root@linux-node01 ~]# yum install Percona-Server-server-56 zabbix-server-mysql zabbix-web-mysql zabbix-agent -y

[root@linux-node01 ~]# chkconfig httpd on

[root@linux-node01 ~]# chkconfig mysql on

[root@linux-node01 ~]# chkconfig zabbix-server on
```

3、MySQL 配置

```
[root@linux-node01 ~]# vim /etc/my.cnf

[mysqld]

character-set-server=utf8

collation-server=utf8_bin

default-storage-engine=INNODB

max_allowed_packet=256M

innodb_log_file_size=2GB

transaction-isolation=READ-COMMITTED
```

启动 MySQL

```
[root@linux-node01 ~]# /etc/init.d/mysql start
```

创建用户并授权

```
[root@linux-node01 ~]# mysql_secure_installation

[root@linux-node01 ~]# mysql -uroot -p

mysql> create database zabbix character set utf8 collate utf8_bin;

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

mysql> quit;
```

4、PHP 安装

```
yum --enablerepo remi --enablerepo remi-php56 install php php-bcmath p
hp-gd php-mbstring php-mcrypt php-mysqlnd php-xml -y

[root@linux-node01 ~]# cp -R /usr/share/zabbix/ /var/www/html/
```

#这里有必要说一下 Zabbix 3.0 必须要 PHP 5.4 以上，此文使用 PHP 5.6.x

5、导入数据文件

```
[root@linux-node01 ~]# zcat /usr/share/doc/zabbix-server-mysql-3.0.*/
create.sql.gz | mysql -uzabbix -p zabbix
```

6、相关数据修改

修改 php 配置文件

```
[root@linux-node01 ~]# vim /etc/php.ini

post_max_size = 16M

max_execution_time = 300

max_input_time = 300

always_populate_raw_post_data = -1

date.timezone = PRC
```

修改 zabbix_server 配置文件

修改数据库地址、数据库名、 用户、密码

分别对应

```
[root@linux-node01 ~]# vim /etc/zabbix/zabbix_server.conf  
  
DBHost=localhost  
  
DBName=zabbix  
  
DBUser=zabbix  
  
DBPassword=zabbix
```

文件授权

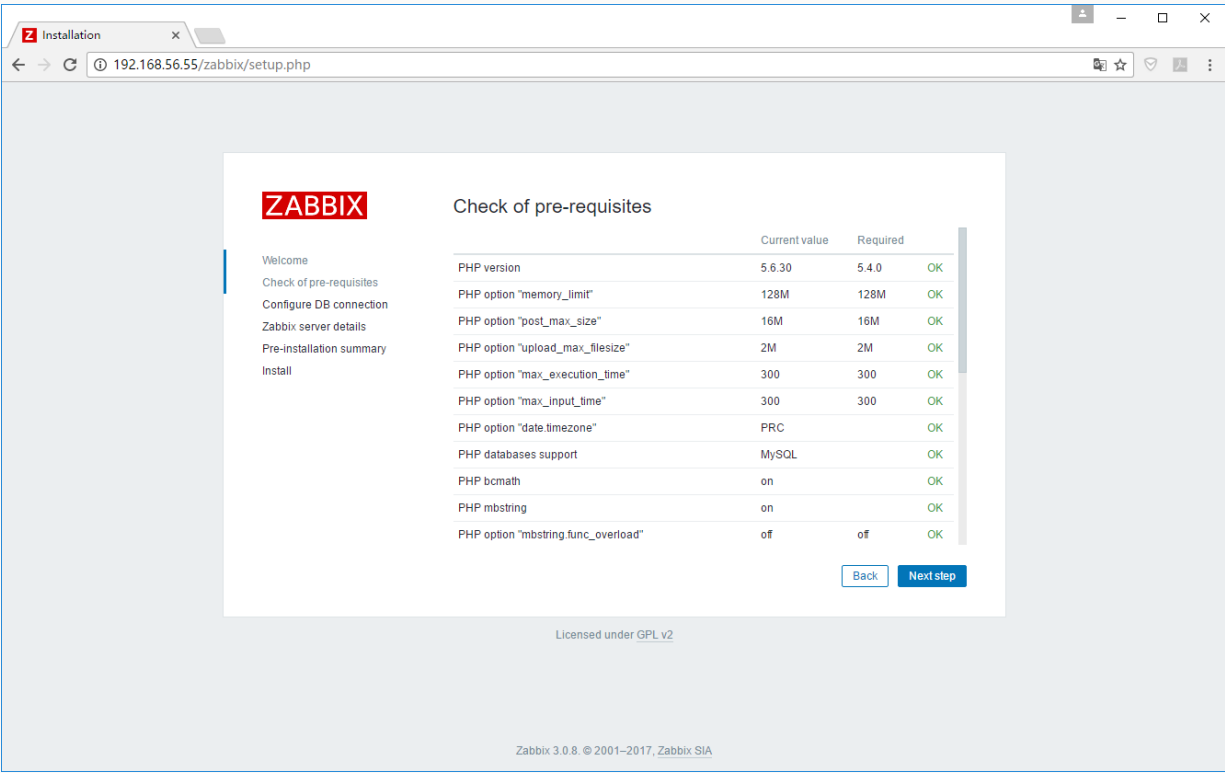
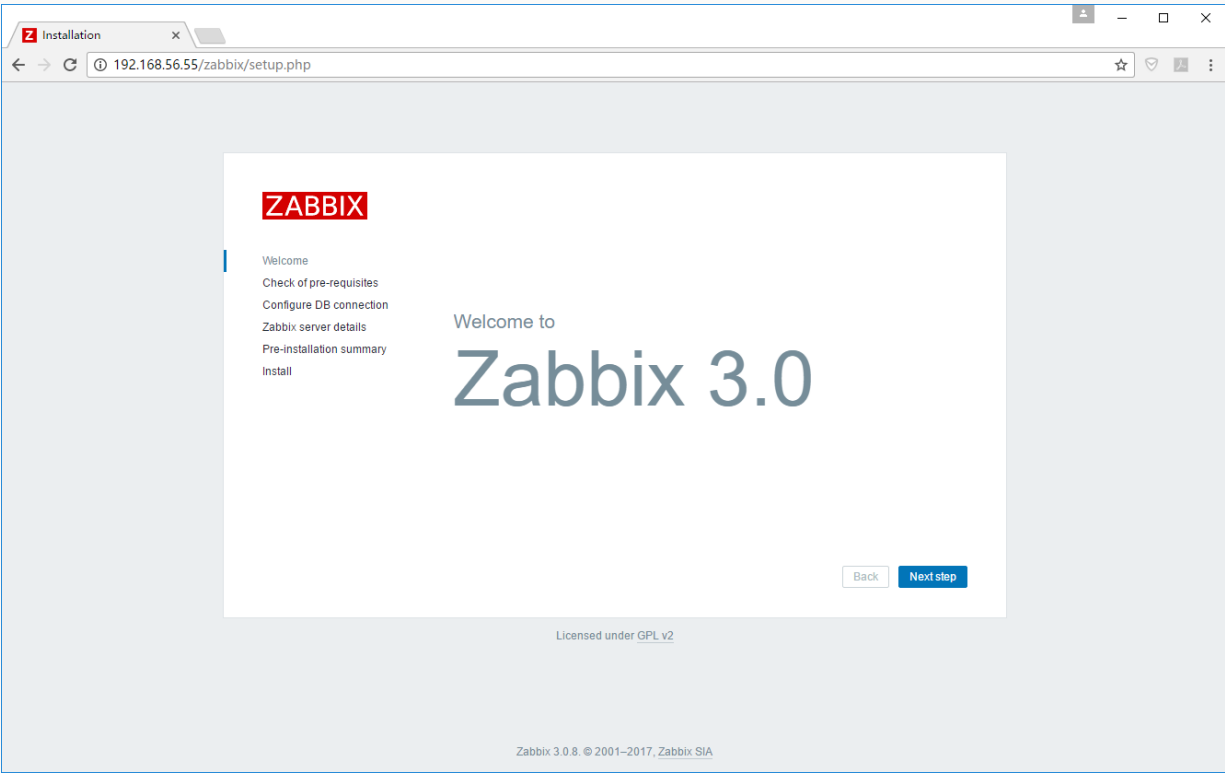
```
[root@linux-node01 ~]# chown apache /etc/zabbix/web/maintenance.inc.php
```

启动 httpd && zabbix

```
[root@linux-node01 ~]# /etc/init.d/httpd start  
  
[root@linux-node01 ~]# /etc/init.d/zabbix-server start
```

6、登录 web 进行安装

访问 <http://192.168.56.55/zabbix>



Installation

192.168.56.55/zabbix/setup.php

ZABBIX

Welcome

Check of pre-requisites

Configure DB connection

Zabbix server details

Pre-installation summary

Install

Configure DB connection

Please create database manually, and set the configuration parameters for connection to this database. Press "Next step" button when done.

Database type

MySQL

Database host

localhost

Database port

0

0 - use default port

Database name

zabbix

User

zabbix

Password

Back

Next step

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Installation

192.168.56.55/zabbix/setup.php

ZABBIX

Welcome

Check of pre-requisites

Configure DB connection

Zabbix server details

Pre-installation summary

Install

Zabbix server details

Please enter the host name or host IP address and port number of the Zabbix server, as well as the name of the installation (optional).

Host

localhost

Port

10051

Name

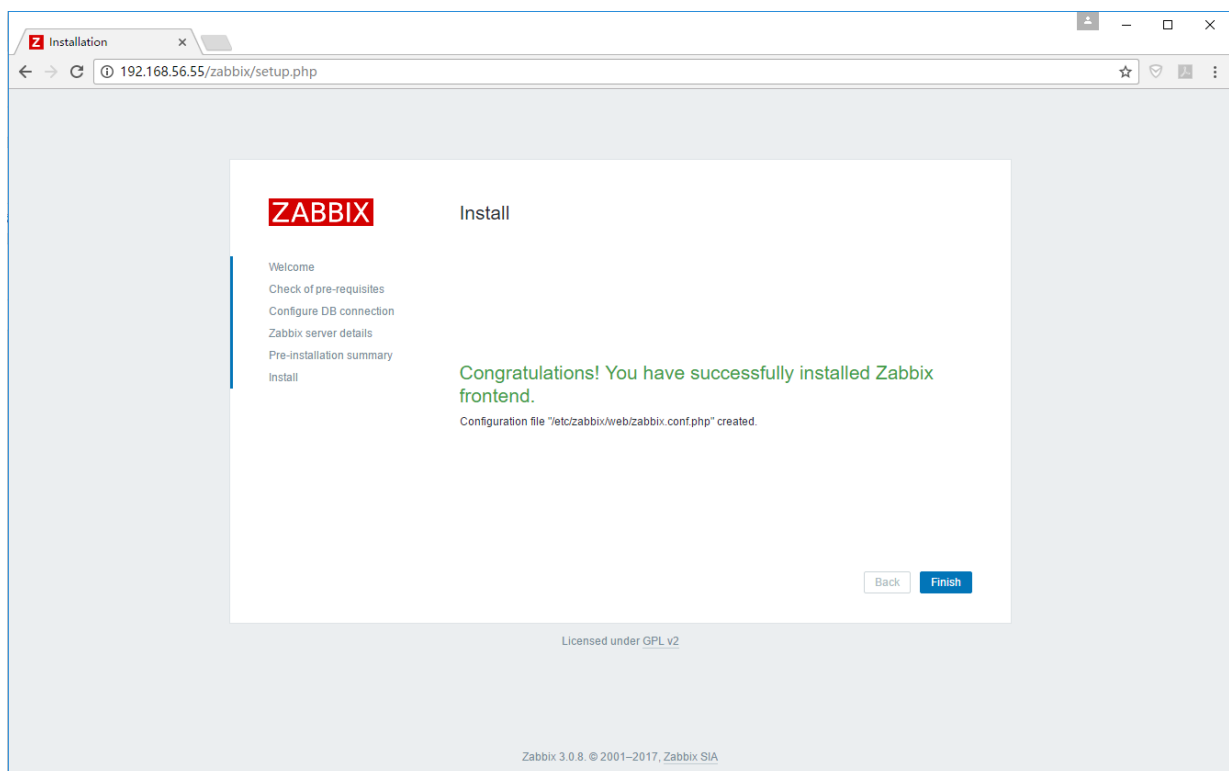
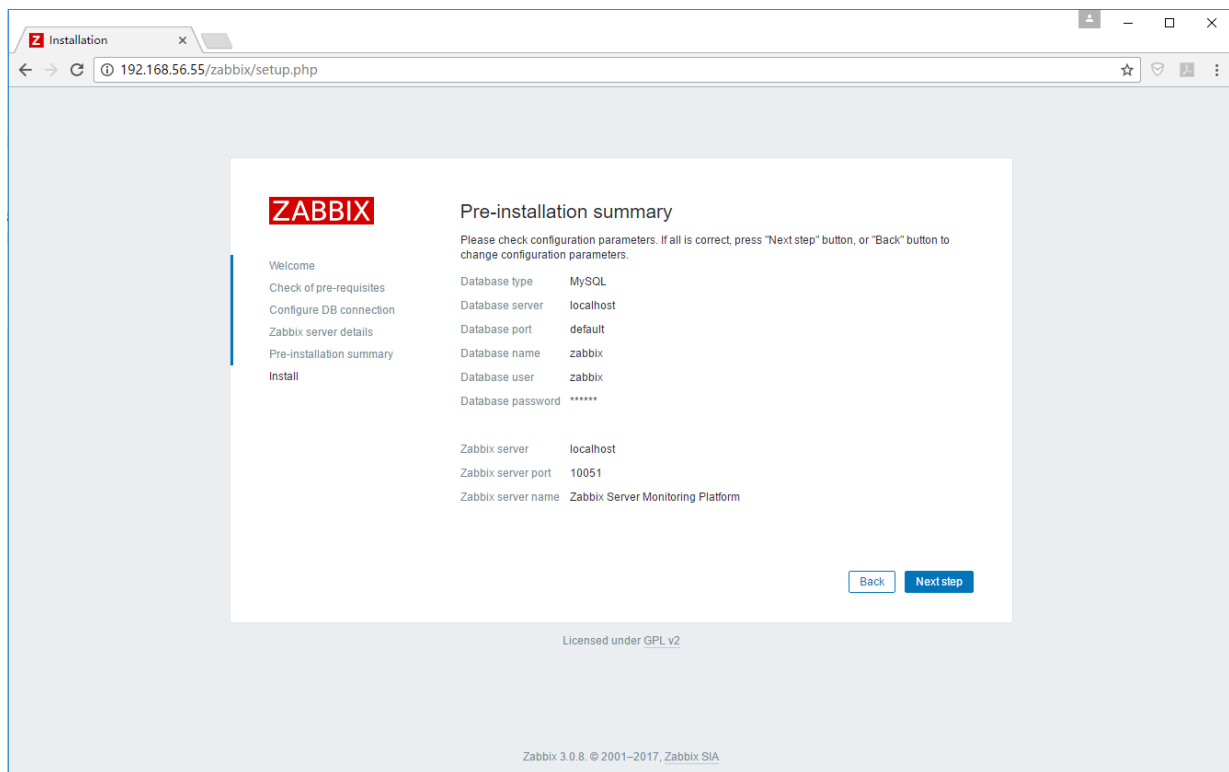
Zabbix Server Monitoring

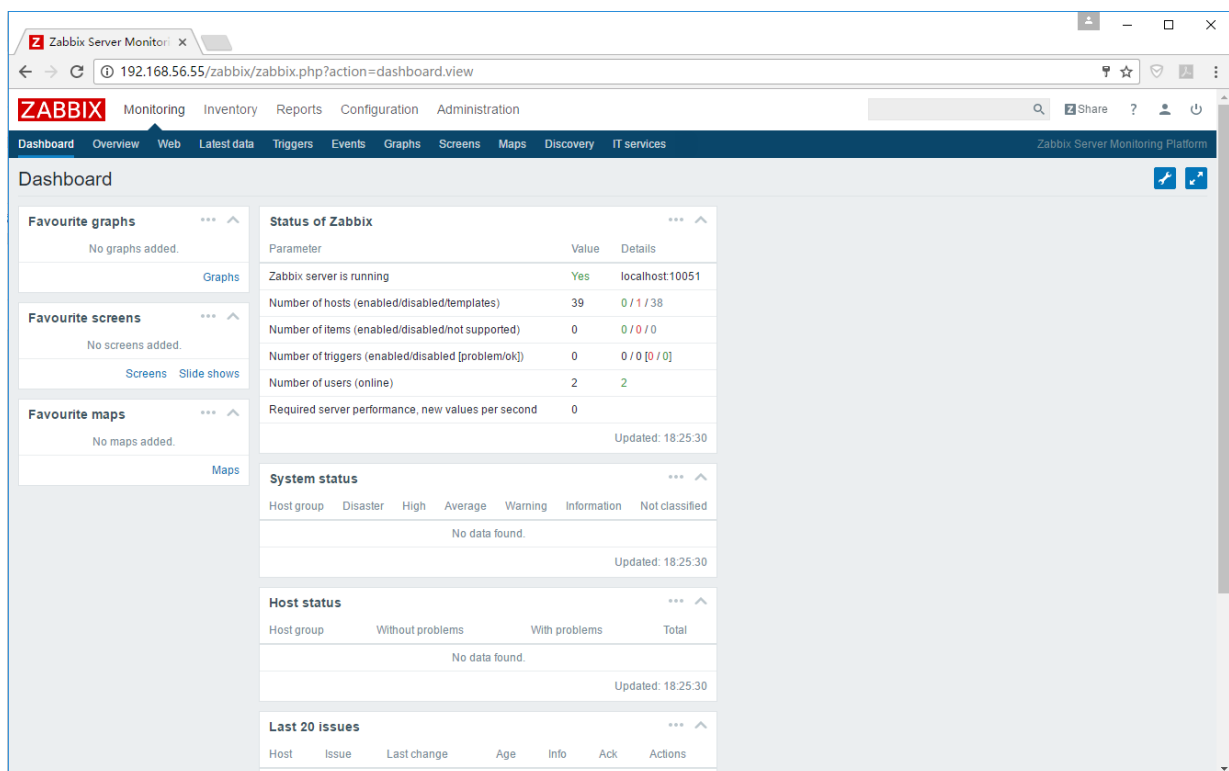
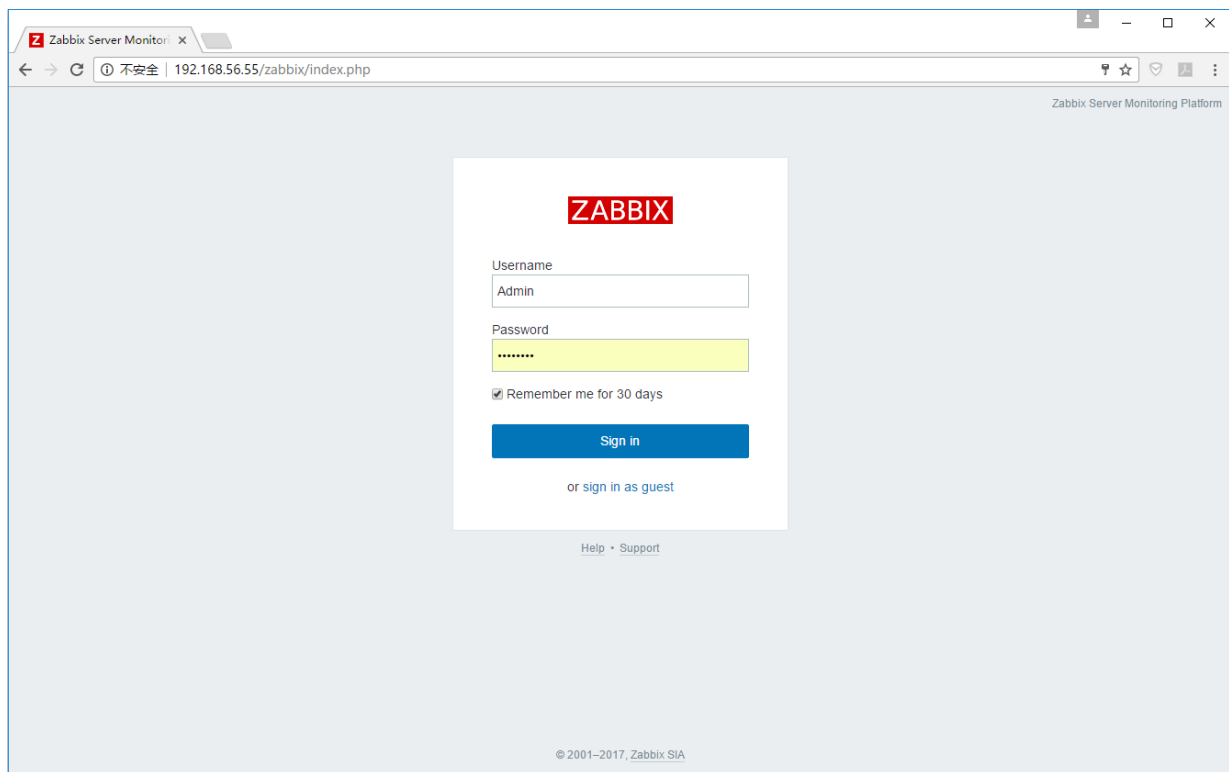
Back

Next step

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至此 Zabbix Server 端安装完毕，zabbix-agent 在此就不再赘述了。

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