

????CentOS 5.4  
 ?????Zabbix 1.8.2 (stable)

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- <http://www.zabbix.com/>

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- [Zabbix on Ubuntu](#)
- [Zabbix ????](#)

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Name	Platform	CPU/Memory	Database	Monitored hosts
Small	Ubuntu Linux	PII 350MHz/256MB	MySQL MyISAM	20
Medium	Ubuntu Linux 64bit	AMD Athlon 3200/2GB	MySQL InnoDB	500
Large	Ubuntu Linux 64bit	Intel Dual Core 6400/4GB	RAID10 MySQL InnoDB or PostgreSQL	>1000
Very large	RedHat Enterprise	Intel Xeon 2xCPU 8GB	Fast RAID10 MySQL InnoDB or PostgreSQL	>10000

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1. Zabbix Server  
 ??? Zabbix ??????
2. Zabbix Proxy(??)  
 ?????????????????? zabbix server????????????????? zabbix server ????
3. Zabbix Agent  
 ?????????????????????????????????????? zabbix server?
4. WEB ??  
 ?? zabbix server ???

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// ?? RPMforge ???  
 ( <http://wiki.centos.org/zh-tw/Additio...22e7ac9f42bf4d> )

- i386 <http://packages.sw.be/rpmforge-release/rpmforge-release-0.5.1-1.el5.rf.i386.rpm>
- x86\_64 [http://packages.sw.be/rpmforge-release/rpmforge-release-0.5.1-1.el5.rf.x86\\_64.rpm](http://packages.sw.be/rpmforge-release/rpmforge-release-0.5.1-1.el5.rf.x86_64.rpm)

```
# rpm -i rpmforge-release-0.5.1-1.el5.rf.i386.rpm
# yum check-update
```

```
// ???????????
```

```
# rpm -q gcc mysql-devel curl-devel httpd php php-mysql php-bcmath php-gd net-snmp-devel fping
e2fsprogs-devel zlib-devel libgssapi-devel krb5-devel openssl-devel libidn-devel iksemel iksemel-devel
php-mbstring
```

```
// ???????
```

```
# yum install mysql-devel php-mysql php-bcmath php-gd net-snmp-devel fping libgssapi-devel iksemel
iksemel-devel php-mbstring
```

```
// ?? MySQL
```

```
# service mysqld start
# chkconfig mysqld on
```

```
// ?? zabbix ????
```

```
?????http://sourceforge.net/projects/zabbix/files/
```

```
# wget http://sourceforge.net/projects/zabbix/files/ZABBIX%20Latest%20Stable/1.8.2/
zabbix-1.8.2.tar.gz/download
# tar -xzf zabbix-1.8.2.tar.gz
```

```
// ?????
```

```
# mysql -u root -p
mysql> create database zabbix character set utf8;
mysql> quit;
# cd create/schema
# mysql -uroot -p zabbix < mysql.sql
# cd ../data
# mysql -uroot -p zabbix < data.sql
# mysql -uroot -p zabbix < images_mysql.sql
```

```
// ????? zabbix ???
```

```
# cd /tmp/zabbix-1.8.2/
# ./configure --prefix=/opt/zabbix --enable-server --enable-agent --with-mysql --with-net-snmp
--with-jabber --with-libcurl
# make install
```

```
// ??????
```

```
?? /etc/services???????????????? port ??????
```

```
zabbix-agent 10050/tcp          #Zabbix Agent
zabbix-agent 10050/udp          #Zabbix Agent
zabbix-trapper 10051/tcp        #Zabbix Trapper
zabbix-trapper 10051/udp        #Zabbix Trapper
```

```
// ?? zabbix
```

```
adduser -r -d /var/run/zabbix-server -s /sbin/nologin -c "Zabbix" zabbix
mkdir -p /etc/zabbix/alert.d
mkdir -p /var/log/zabbix-server
mkdir -p /var/log/zabbix-agent
mkdir -p /var/run/zabbix-server
mkdir -p /var/run/zabbix-agent
chown zabbix.zabbix /var/run/zabbix*
chown zabbix.zabbix /var/log/zabbix*
cp /tmp/zabbix-1.8.2/misc/conf/zabbix_server.conf /etc/zabbix
cp /tmp/zabbix-1.8.2/misc/conf/zabbix_agentd.conf /etc/zabbix
```

```
cp /tmp/zabbix-1.8.2/misc/init.d/redhat/8.0/zabbix_server /etc/init.d
cp /tmp/zabbix-1.8.2/misc/init.d/redhat/8.0/zabbix_agentd /etc/init.d
```

```
// ??? zabbix_server.conf , zabbix_agentd.conf
?? /etc/zabbix/zabbix_server.conf
```

```
LogFile=/var/log/zabbix-server/zabbix_server.log
PidFile=/var/run/zabbix-server/zabbix_server.pid
DBName=zabbix
DBUser=root
DBPassword=<DB Password>
AlertScriptsPath=/etc/zabbix/alert.d/
```

```
?? /etc/zabbix/zabbix_agentd.conf
```

```
PidFile=/var/run/zabbix-agent/zabbix_agentd.pid
LogFile=/var/log/zabbix-agent/zabbix_agentd.log
EnableRemoteCommands=1
Server=127.0.0.1
Timeout=10
```

```
// ??? zabbix_server , zabbix_agentd
?? /etc/init.d/zabbix_server ? /etc/init.d/zabbix_agentd
```

```
progdir="/opt/zabbix/sbin/"
```

```
// ?? zabbix_server ? zabbix_agentd
```

```
chmod +x /etc/init.d/zabbix_server
chmod +x /etc/init.d/zabbix_agentd
chkconfig --add zabbix_server
chkconfig --add zabbix_agentd
chkconfig zabbix_server on
chkconfig zabbix_agentd on
service zabbix_server restart
service zabbix_agentd restart
```

```
// ?? Web
```

```
# mkdir /var/www/html/zabbix
# cd /tmp/zabbix-1.8.2/frontends/php/
# cp -a /* /var/www/html/zabbix
# chown -R root:root /var/www/html/zabbix
# cd /var/www/html/zabbix/conf
# cp -a zabbix.conf.php.example zabbix.conf.php
# vi zabbix.conf.php
```

```
$DB["DATABASE"] = "zabbix";
$DB["USER"] = "<DB NAME>";
$DB["PASSWORD"] = "<DB PASS>";
```

```
# chmod 666 zabbix.conf.php
# service httpd start
# chkconfig httpd on
```

```
?? /etc/php.ini
```

```
memory_limit = 128M
post_max_size = 8M
max_execution_time = 300
```

```
// ??????
```

```
http://<zabbix-server-ip>/zabbix
Login = admin / zabbix
```

## FAQ

Q: ??????????????????

A: ????????????

```
# chkconfig iptables off
# chkconfig ip6tables off
```

```
# service iptables stop
# service ip6tables stop
# vi /etc/selinux/config
```

```
SELINUX=disabled
```

```
# setenforce 0
```

Q: ???????Timezone for PHP is not set. Please set "date.timezone" option in php.ini.

A:

```
# vi /etc/php.ini
```

```
date.timezone = Asia/Taipei
```

```
# service zabbix_server stop
# service httpd stop
# service mysqld stop
# service mysqld start
# service httpd start
# service zabbix_server start
```

Q: