

# Zabbix

**Zabbix** is an open source network monitoring application capable of monitoring network devices, servers, databases and web services on a wide variety of operating systems.

**Website:** [www.zabbix.com](http://www.zabbix.com)

## Prerequisites

- [MySQL](#)
- [httpd](#)

## Installation

**Zabbix** is available at [zabbix\\_agentd \(SBo\)](#), [zabbix\\_proxy \(SBo\)](#), [zabbix\\_server \(SBo\)](#)

**1)** Create the **zabbix** user and group

```
root@darkstar# groupadd -g 228 zabbix
root@darkstar# useradd -d /dev/null -s /bin/false -u 228 -g 228 zabbix
```

**3)** Install the necessary version of **Zabbix** from SBOPKG/Slackbuilds

- [zabbix\\_agentd](#)
- [zabbix\\_proxy](#)
- [zabbix\\_server](#)

**4)** Create the **MySQL** database

**4a)** On your **MySQL** server, connect with full privileges:

```
root@darkstar# mysql -u root -p
```

**4b)** Create the zabbix database & user:

```
mysql> create database zabbix character set utf8;
mysql> use mysql;
mysql> grant all on zabbix.* to zabbix@localhost identified by
'<zabbix_password>';
mysql> flush privileges;
mysql> quit
```

**4c)** On your **Zabbix** server, connect to the new database, create the schema & add initial data:

```
root@darkstar# cd /usr/share/zabbix_server/create
root@darkstar# mysql -u zabbix -p <zabbix_password>
mysql> use zabbix;
mysql> source schema/mysql.sql;
mysql> source data/data.sql;
mysql> source data/images_mysql.sql;
mysql> quit
```

## 5) Configure **PHP**:

**5a)** Zabbix requires some parameters in **/etc/httpd/php.ini** to be altered:

```
post_max_size = 16M                (Default = 8M)
max_execution_time = 300            (Default = 30)
max_input_time = 300                (Default = 60)
date.timezone = America/Chicago    (Default = blank)
***NOTE*** the ";" in front of date.timezone MUST be removed
```

**5b)** Enable **PHP** in **/etc/httpd/httpd.conf**:

- **ADD:** index.php to the "DirectoryIndex index.html" line.
- **UNCOMMENT:** "Include /etc/httpd/mod\_php.conf" line.

After changing the **php.ini** file, you'll need to restart httpd for the changes to have effect:

```
root@darkstar# /etc/rc.d/rc.httpd restart
```

**6)** Edit the zabbix\_server configuration file (**/etc/zabbix/zabbix\_server.conf**):

```
DBUser=zabbix                      (Default is "root" and it's not a good
idea)
DBPassword=<zabbix_password>       (Change as defined above)
```

**7)** Make **/etc/rc.d/rc.zabbix\_server** executable:

```
root@darkstar# chmod +x /etc/rc.d/rc.zabbix_server
```

**8)** Start the **Zabbix** server

```
root@darkstar# /etc/rc.d/rc.zabbix_server start
```

The **Zabbix** server can be accessed via a web browser at [http://your\\_server/zabbix/](http://your_server/zabbix/)

Follow the setup instructions.

Default login is:

```
USER: Admin
PASS: zabbix
```

# Sources

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