

Orsenna – Zabbix Agent for Apache

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Summary

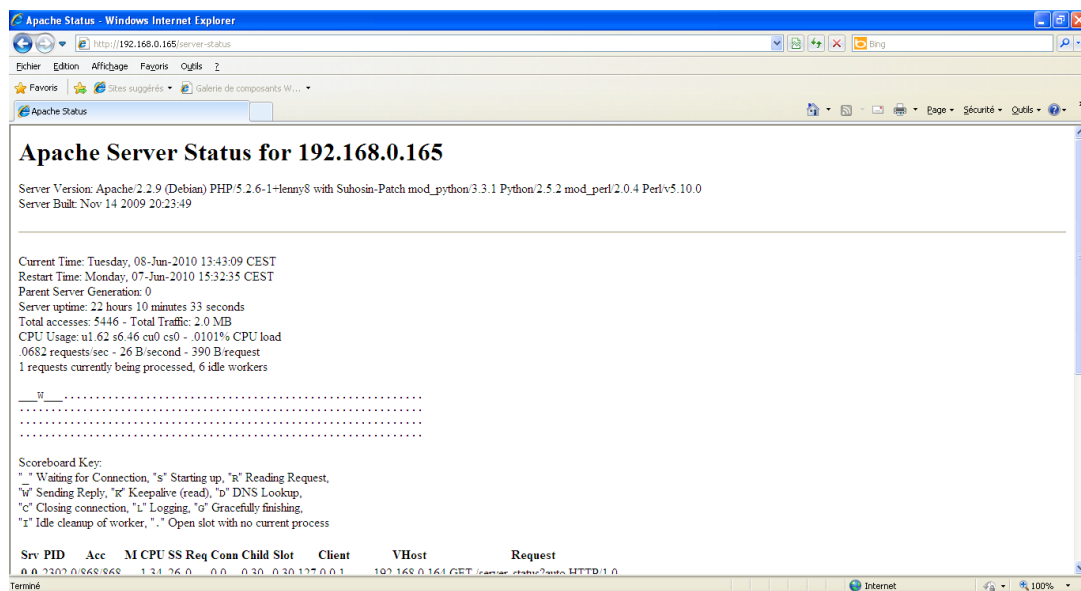
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And add at the end of the file:

```
<Location /server-status>
  SetHandler server-status
  order allow,deny
  allow from all
  allow from 127.0.0.1
</Location>

ExtendedStatus On
```

Now you could check with you Internet Explorer that all stats concerning your Apache server are on the screen: <http://Ipaddress/server-status>



3 Zabbix_agent for Linux

We begin to install the agent with the command:

```
apt-get install zabbix-agent
```

```

192.168.0.165 - PuTTY
debian:~# apt-get install zabbix-agent
Lecture des listes de paquets... Fait
Construction de l'arbre des d pendances
Lecture des informations d' tat... Fait
Les NOUVEAUX paquets suivants seront install s :
  zabbix-agent
0 mis   jour, 1 nouvellement install s, 0   enlever et 0 non mis   jour.
Il est n cessaire de prendre 0o/164ko dans les archives.
Apr s cette op ration, 344ko d'espace disque suppl mentaires seront utilis s
.
Pr configuration des paquets...
S lection du paquet zabbix-agent pr c demment d s lectionn .
(Lecture de la base de donn es... 25222 fichiers et r pertoires d j install s.)
D paquetage de zabbix-agent (  partir de ../zabbix-agent_1%3a1.4.6-1_i386.deb) ...
Param trage de zabbix-agent (1:1.4.6-1) ...

Creating config file /etc/zabbix/zabbix_agentd.conf with new version

Creating config file /etc/zabbix/zabbix_agent.conf with new version
Starting Zabbix agent: zabbix_agentd
debian:~# █

```

Now we must configure zabbix_agent:

Edit the file : /etc/zabbix/zabbix_agentd.conf (**attention not the zabbix_agent.conf**)

And just change:

Server: IP address of your WhatsUpGold station (In my case 192.168.0.152)

Hostname: Name of your WhatsUpGold station (In my case 2k3usEVALWUG)

```

192.168.0.165 - PuTTY
GNU nano 2.0.7      Fichier : /etc/zabbix/zabbix_agentd.conf      Modifi 
# This is config file for zabbix_agentd
# To get more information about ZABBIX, go http://www.zabbix.com

##### GENERAL PARAMETERS #####

# List of comma delimited IP addresses (or hostnames) of ZABBIX servers.
# No spaces allowed. First entry is used for sending active checks.
# Note that hostnames must resolve hostname->IP address and
# IP address->hostname.
Server=192.168.0.152

# Server port for sending active checks
#ServerPort=10051

# Unique hostname. Required for active checks.
Hostname=2k3usEVALWUG

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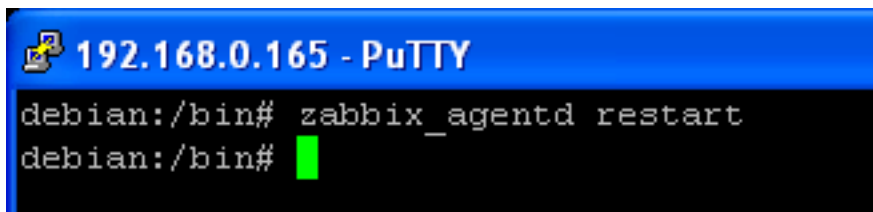
```

Leave and save the file (ctrl + X + YES + enter).

Now you must restart the service:

Cd /bin

zabbix_agentd restart



```

192.168.0.165 - PuTTY
debian:/bin# zabbix_agentd restart
debian:/bin# █

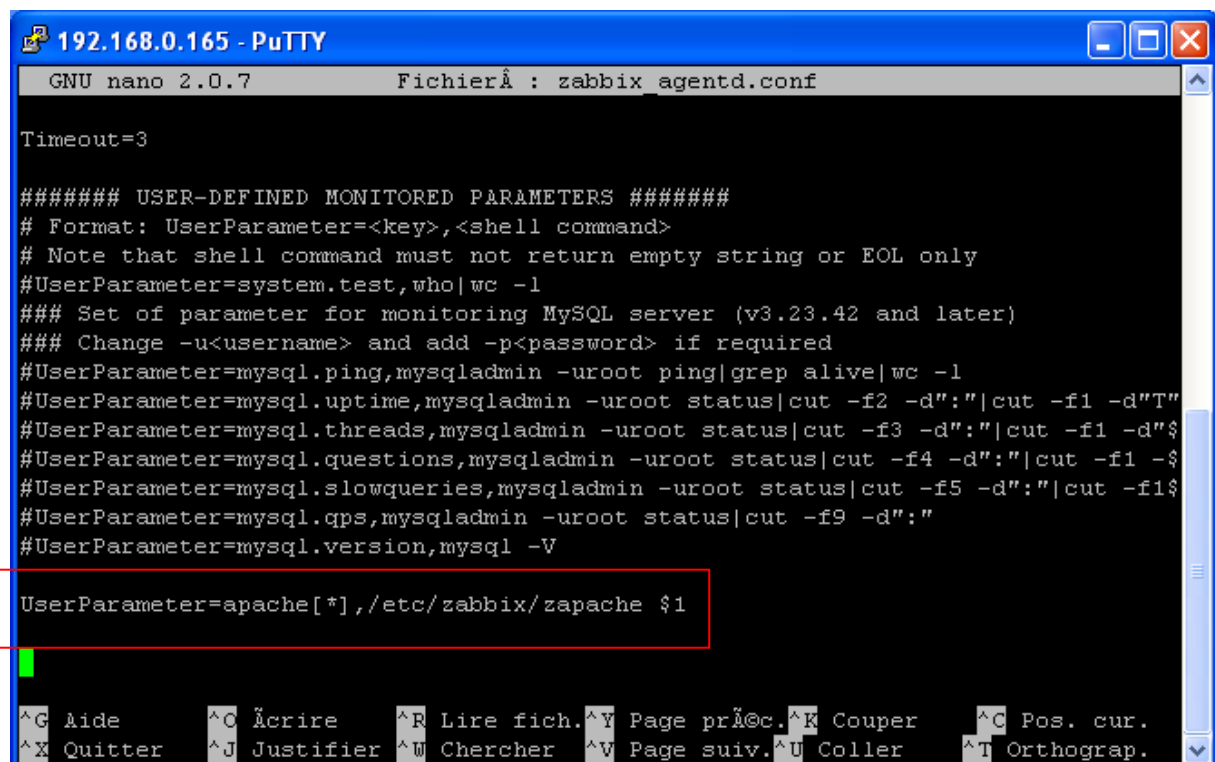
```

4 Setup the script for Apache

Edit the file /etc/zabbix/zabbix_agentd.conf (attention not the zabbix_agent.conf)

Just add this command at the end of the file:

UserParameter=apache[*],/etc/zabbix/zapache \$1



```

192.168.0.165 - PuTTY
GNU nano 2.0.7      Fichier : zabbix_agentd.conf
Timeout=3

##### USER-DEFINED MONITORED PARAMETERS #####
# Format: UserParameter=<key>,<shell command>
# Note that shell command must not return empty string or EOL only
#UserParameter=system.test,who|wc -l
### Set of parameter for monitoring MySQL server (v3.23.42 and later)
### Change -u<username> and add -p<password> if required
#UserParameter=mysql.ping,mysqladmin -uroot ping|grep alive|wc -l
#UserParameter=mysql.uptime,mysqladmin -uroot status|cut -f2 -d":"|cut -f1 -d"T"
#UserParameter=mysql.threads,mysqladmin -uroot status|cut -f3 -d":"|cut -f1 -d"$
#UserParameter=mysql.questions,mysqladmin -uroot status|cut -f4 -d":"|cut -f1 -d"$
#UserParameter=mysql.slowqueries,mysqladmin -uroot status|cut -f5 -d":"|cut -f1 -d"$
#UserParameter=mysql.qps,mysqladmin -uroot status|cut -f9 -d":"
#UserParameter=mysql.version,mysql -V

UserParameter=apache[*],/etc/zabbix/zapache $1
█

```

Leave and save the file (ctrl + X + YES + enter).

Create a file for the script: nano zapache

```
debian:/etc/zabbix# nano zapache
```

And paste inside this:

```
#
#
# Name: zapache
#
# Checks Apache activity.
#
#

zapachever="1.1"
rval=0
VAR=$(wget --quiet -O - http://localhost/server-status?auto)

case $1 in
'TotalAccesses')
    echo "$VAR"|grep "Total Accesses:"|awk '{print $3}'
    rval=$?;;
'TotalKBytes')
    echo "$VAR"|grep "Total kBytes:"|awk '{print $3}'
    rval=$?;;
'Uptime')
    echo "$VAR"|grep "Uptime:"|awk '{print $2}'
    rval=$?;;
'ReqPerSec')
    echo "$VAR"|grep "ReqPerSec:"|awk '{print $2}'
    rval=$?;;
'BytesPerSec')
    echo "$VAR"|grep "BytesPerSec:"|awk '{print $2}'
    rval=$?;;
'BytesPerReq')
    echo "$VAR"|grep "BytesPerReq:"|awk '{print $2}'
    rval=$?;;
'BusyWorkers')
    echo "$VAR"|grep "BusyWorkers:"|awk '{print $2}'
    rval=$?;;
'IdleWorkers')
    echo "$VAR"|grep "IdleWorkers:"|awk '{print $2}'
    rval=$?;;
'version')
    echo "$zapachever"
    exit $rval;;
*)
    echo "zapache version: $zapachever"
    echo "usage:"
    echo "    $0 TotalAccesses          -- Check total accesses."
    echo "    $0 TotalKBytes           -- Check total KBytes."
    echo "    $0 Uptime                 -- Check uptime."
    echo "    $0 ReqPerSec              -- Check requests per
second."
    echo "    $0 BytesPerSec            -- Check Bytes per
second."
    echo "    $0 BytesPerReq            -- Check Bytes per
request."
```

```

        echo "      $0 BusyWorkers          -- Check busy workers."
        echo "      $0 IdleWorkers          -- Check idle workers."

    echo "      $0 version                -- Version of this
script."
    exit $rval;;
esac

if [ "$rval" -ne 0 ]; then
    echo "ZBX_NOTSUPPORTED"
fi

exit $rval

#
# end zapache

```

```

192.168.0.165 - PuTTY
GNU nano 2.0.7      Fichier : zapache

        rval=$?;;
'Uptime')
    echo "$VAR"|grep "Uptime:"|awk '{print $2}'
    rval=$?;;
'ReqPerSec')
    echo "$VAR"|grep "ReqPerSec:"|awk '{print $2}'
    rval=$?;;
'BytesPerSec')
    echo "$VAR"|grep "BytesPerSec:"|awk '{print $2}'
    rval=$?;;
'BytesPerReq')
    echo "$VAR"|grep "BytesPerReq:"|awk '{print $2}'
    rval=$?;;
'BusyWorkers')
    echo "$VAR"|grep "BusyWorkers:"|awk '{print $2}'
    rval=$?;;
'IdleWorkers')
    echo "$VAR"|grep "IdleWorkers:"|awk '{print $2}'
    rval=$?;;

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^X Quitter   ^J Justifier^W Chercher  ^V Page suiv.^U Coller    ^T Orthograp.

```

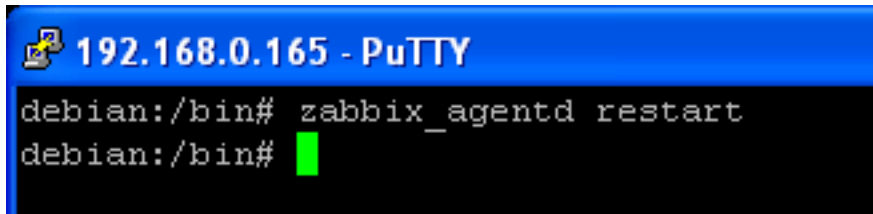
Now chmod this file: `chmod 777 zapache`

```
debian:/etc/zabbix# chmod 777 zapache
```

Now you must restart the service:

`Cd /bin`

`zabbix_agentd restart`



```
192.168.0.165 - PuTTY
debian:/bin# zabbix_agentd restart
debian:/bin#
```

The Zabbix_agent for Apache is now ready, you can configure your active monitor to monitor this Apache server.