
Application Note 1002: Step-By-Step Guide for Configuring Nagios to Work with the Websensor

Requirements:

- EM01B Websensor deployed on your network
- Websensor plugin script (*check_em01.c*)
- GNU C compiler (GCC) version 3 and above.
- Nagios version 3.0 (this guide can also be used for Nagios version 1.x and 2.x)

1. Compile the plugin script using `gcc`
 - `gcc check_em01.c -o check_em01`
2. Copy the script to Nagios plugins directory. The default is `/usr/local/nagios/libexec` but may vary according to your installation.
3. Copy the configuration files (*esensors.cfg* & *websensors.cfg*) to your Nagios configuration directory. The default is `/usr/local/nagios/etc`.
4. Edit your main Nagios configuration file. Usually, this is the file *nagios.cfg*
 - `vi /usr/local/nagios/etc/nagios.cfg`
 - Add the following lines to your main configuration file

```
# Esensors configuration files
cfg_file=/usr/local/nagios/etc/esensors.cfg
cfg_file=/usr/local/nagios/etc/websensors.cfg
```

5. Edit *websensors.cfg* file
 - `vi /usr/local/nagios/etc/websensors.cfg`
 - Change the default `192.168.254.102` address in the host definition to the I.P. address of your Websensor.
 - Change the contact email address to your own email address
 - You may edit the Sensor Polling Services command arguments to reflect your deployment environment (i.e. set lower/higher thresholds for alerts to be sent).
6. Retart Nagios.
 - `service nagios restart`
Alternatively, you may execute the following commands too:
 - `kill `cat /usr/local/nagios/var/nagios.lock``
 - `/usr/local/nagios/bin/nagios -d /usr/local/nagios/etc/nagios.cfg`
7. Verify that the Websensor appears as a host in your Nagios website.