NAME

Smokeping::probes::EchoPingWhois – an echoping(1) probe for SmokePing

OVERVIEW

Measures whois roundtrip times for SmokePing with the echoping_whois plugin.

SYNOPSIS

```
*** Probes ***

+EchoPingWhois

binary = /usr/bin/echoping
forks = 5
offset = 50%
step = 300

# The following variables can be overridden in each target section
extraopts = -some-letter-the-author-did-not-think-of
ipversion = 4
pings = 5
plugin = /path/to/whois.so
pluginargs = -p plugin_specific_arg
priority = 6
timeout = 1
tos = 0xa0
waittime = 1
whois_request = example.org # mandatory

# [...]

*** Targets ***

probe = EchoPingWhois # if this should be the default probe

# [...]

+ mytarget
# probe = EchoPingWhois # if the default probe is something else
host = my.host
extraopts = -some-letter-the-author-did-not-think-of
ipversion = 4
pings = 5
plugin = /path/to/whois.so
pluginargs = -p plugin_specific_arg
priority = 6
timeout = 1
tos = 0xa0
waittime = 1
whois_request = example.org # mandatory
```

VARIABLES

Supported probe-specific variables:

binary
    The location of your echoping binary.

    Default value: /usr/bin/echoping

forks
    Run this many concurrent processes at maximum

    Example value: 5

Default value: 5

offset

If you run many probes concurrently you may want to prevent them from hitting your network all at the same time. Using the probe-specific offset parameter you can change the point in time when each probe will be run. Offset is specified in % of total interval, or alternatively as 'random', and the offset from the 'General' section is used if nothing is specified here. Note that this does NOT influence the rrds itself, it is just a matter of when data acqusition is initiated. (This variable is only applicable if the variable 'concurrentprobes' is set in the 'General' section.)

Example value: 50%

step

Duration of the base interval that this probe should use, if different from the one specified in the 'Database' section. Note that the step in the RRD files is fixed when they are originally generated, and if you change the step parameter afterwards, you'll have to delete the old RRD files or somehow convert them. (This variable is only applicable if the variable 'concurrentprobes' is set in the 'General' section.)

Example value: 300

Supported target-specific variables:

extraopts

Any extra options specified here will be passed unmodified to **echoping** (1).

Example value: −some−letter−the−author−did−not−think−of

ipversion

The IP protocol used. Possible values are "4" and "6". Passed to **echoping** (1) as the "−4" or "−6" options.

Example value: 4

pings

How many pings should be sent to each target, if different from the global value specified in the Database section. Note that the number of pings in the RRD files is fixed when they are originally generated, and if you change this parameter afterwards, you'll have to delete the old RRD files or somehow convert them.

Example value: 5

plugin

The echoping plugin that will be used. See **echoping** (1) for details. This can either be the name of the plugin or a full path to the plugin shared object.

Example value: /path/to/whois.so

Default value: whois

pluginargs

Any extra arguments needed by the echoping plugin specified with the *pluginname* variable. These are generally provided by the subclass probe.

Example value: −p plugin_specific_arg

priority

The "−p" **echoping** (1) option.

Example value: 6

timeout

The "−t" **echoping** (1) option.

Example value: 1

Default value: 5

tos   The "−P" **echoping** (1) option.

Example value: 0xa0

waittime
> The "−w" **echoping** (1) option.

> Example value: 1

whois_request
> The request to the whois server (typically a domain name).

> Example value: example.org

> This setting is mandatory.

AUTHORS
> Niko Tyni <ntyni AT iki DOT fi>

NOTES
> The *fill*, *size* and *udp* EchoPing variables are not valid.

> Plugins, including echoping_whois, are available starting with echoping version 6.

SEE ALSO
> Smokeping::probes::EchoPing, Smokeping::probes::EchoPingPlugin