

Smokeping\_probes\_EchoPingIcp(3)

SmokePing

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**NAME**

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

**OVERVIEW**

Measures ICP (Internet Cache Protocol, spoken by web caches) roundtrip times for SmokePing.

**SYNOPSIS**

```
*** Probes ***

+EchoPingIcp

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
priority = 6
timeout = 1
tos = 0xa0
url = http://www.example.org/ # mandatory
waittime = 1

# [...]

*** Targets ***

probe = EchoPingIcp # if this should be the default probe

# [...]

+ mytarget
# probe = EchoPingIcp # if the default probe is something else
host = my.host
extraopts = -some-letter-the-author-did-not-think-of
ipversion = 4
pings = 5
priority = 6
timeout = 1
tos = 0xa0
url = http://www.example.org/ # mandatory
waittime = 1
```

**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



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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 acquisition 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

**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

**url** The URL to be requested from the web cache.

Example value: http://www.example.org/

This setting is mandatory.

**waittime**

The "-w" **echoping(1)** option.

Example value: 1

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## NOTES

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



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## SEE ALSO

`Smokeping::probes::EchoPing`, `Smokeping::probes::EchoPingHttp`

