

Smokeping_probes_NFSping(3)

SmokePing

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NAME

Smokeping::probes::NFSping – NFSping Probe for SmokePing

SYNOPSIS

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*** Probes ***

+NFSping

binary = /usr/local/bin/nfsping # mandatory
blazemode = true
hostinterval = 1.5
mininterval = 0.001
offset = 50%
pings = 20
step = 300
tcp = true
timeout = 1.5

# [...]

*** Targets ***

probe = NFSping # if this should be the default probe

# [...]

+ mytarget
# probe = NFSping # if the default probe is something else
host = my.host

```

DESCRIPTION

Integrates NFSping as a probe into smokeping. The variable **binary** must point to your copy of the NFSping program.

NFSping can be downloaded from:

<<https://github.com/mprovost/NFSping>>

In **blazemode**, NFSping sends one more ping than requested, and discards the first RTT value returned as it's likely to be an outlier.

VARIABLES

Supported probe-specific variables:

binary

The location of your nfsping binary.

Example value: /usr/local/bin/nfsping

This setting is mandatory.

blazemode

Send an extra ping and then discard the first answer since the first is bound to be an outlier.

Example value: true

hostinterval

The nfsping “-p” parameter, but in (possibly fractional) seconds rather than milliseconds, for consistency with other Smokeping probes. This parameter sets the time that nfsping waits between successive packets to an individual target.

Example value: 1.5

mininterval

The nfsping “-i” parameter, but in (probably fractional) seconds rather than milliseconds, for consistency with other Smokeping probes. This is the interval between pings to successive targets.



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Example value: 0.001

Default value: 0.01

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 rrd's 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%

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: 20

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

tcp Use TCP instead of UDP.

Example value: true

timeout

The nfsping "-t" parameter, but in (possibly fractional) seconds rather than milliseconds, for consistency with other Smokeping probes.

Example value: 1.5

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