NAME

Smokeping::probes::SSH − Secure Shell Probe for SmokePing

SYNOPSIS

```
*** Probes ***


+SSH


binary = /usr/bin/ssh-keyscan # mandatory
forks = 5
offset = 50%
step = 300
timeout = 15


# The following variables can be overridden in each target section
keytype = dsa
pings = 5
port = 5000


# [...]


*** Targets ***


probe = SSH # if this should be the default probe


# [...]


+ mytarget
# probe = SSH # if the default probe is something else
host = my.host
keytype = dsa
pings = 5
port = 5000
```

DESCRIPTION

Integrates ssh-keyscan as a probe into smokeping. The variable **binary** must point to your copy of the ssh-keyscan program. If it is not installed on your system yet, you should install openssh >= 3.8p1

The Probe asks the given host n−times for it's public key, where n is the amount specified in the config File.

As part of the initialization, the probe asks 127.0.0.1 for it's public key and tries to parse the output. Make sure you have SSH running on the localhost as well.

VARIABLES

Supported probe-specific variables:

binary

The location of your ssh-keyscan binary.

Example value: /usr/bin/ssh−keyscan

This setting is mandatory.

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

timeout

How long a single 'ping' takes at maximum

Example value: 15

Default value: 5

Supported target-specific variables:

keytype

Type of key, used in ssh-keyscan −t *keytype*

Example value: dsa

Default value: rsa

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

port

Port to use when testing the ssh connection −p *port*

Example value: 5000

Default value: 22

AUTHORS

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