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is the new way to go for Smokeping under Windows 1) smokewhat?

Smokeping(link) is a nice latency measurement tool, unfortunately it WAS only available for linux/unix...but after the jump, you'll find how to make it work under Microsoft Windows!

SmokePing is a deluxe latency measurement tool. It can measure, store and display latency, latency distribution and packet loss. SmokePing uses RRDtool to maintain a longterm data-store and to draw pretty graphs, giving up to the minute information on the state of each network connection.

2) What you need

- Perl (choose Perl 5.8.xxx MSI package for Windows) Yeah Perl is cool and you can have a lot of fun using it
- RRDs module for Perl This version works for sure, but feel free to download the latest
- fping for windows (thanks to Michael Parson)
- Smokeping This version works for sure, but feel free to download the latest
- a text editor There's a lot of text editors out there... personally, I like pspad
- a web server Feel free to download, install, configure apache with cgi yourself, or use WAMP (the one I use), or whatever bundled apache/cgi/php/mysql version you want

3) What you do not need

- Money all listed softwares are (at least) freeware

- A (linux/unix)-running computer yeah dude, windows rulez da w0rld

4) "Installation"

- Install Activestate Perl - Install RRDtool for windows (unzip, and launch install.cmd) - Unzip smokeping to C:\smokeping-2.0.8 - Unzip fping for windows (make sure cygwin1.dll is in the same folder) to C:\smokeping-2.0.8\fping - Install WAMP to C:\wamp

5) Modifications

a) rename - C:\smokeping-2.0.8\bin\smokeping.dist into smokeping.pl - C:\smokeping-2.0.8\bin\tSmoke.dist into tSmoke.pl

b) edit - C:\smokeping-2.0.8\bin\smokeping.pl add (after line 5): use lib qw(C:\smokeping-2.0.8\lib); change (line 9): Smokeping::main("etc/config.dist"); into Smokeping::main("C:/smokeping-2.0.8/etc/config.dist");

- C:\smokeping-2.0.8\bin\tSmoke.pl change (line 63): my \$cfgfile = "etc/config.dist"; into my \$cfgfile = "C:\smokeping-2.0.8\etc\config.dist";

- C:\smokeping-2.0.8\lib\Smokeping.pm change (line 14): use Sys::Syslog qw(:DEFAULT setlogsock); into #use Sys::Syslog qw(:DEFAULT setlogsock); change (line 21): \$ENV{LC_NUMERIC}='C'; into #\$ENV{LC_NUMERIC}='C'; change (line 22): POSIX::setlocale(&POSIX::LC_NUMERIC,""); into #POSIX::setlocale(&POSIX::LC_NUMERIC,""); change (line 2984): daemonize_me \$cfg->{General} {piddir}."/smokeping.pid"; into #daemonize_me \$cfg->{General} {piddir}."/smokeping.pid";

- C:\wamp\Apache2\conf\httpd.conf change (line 515): ScriptAlias /cgi-bin/ "C:/wamp/Apache2/cgi-bin/" into ScriptAlias /cgi-bin/ "c:/wamp/cgi/" change (line 521): <Directory "C:/wamp/Apache2/cgi-bin/"> into <Directory "c:/wamp/cgi">

c) move and rename - Create folder c:\wamp\cgi - C:\smokeping-2.0.8\htdocs\smokeping.cgi.dist to c:\wamp\cgi\smokeping.pl

d) edit - c:\wamp\cgi\smokeping.pl change (line 1): #!/usr/sep/bin/speedy -w into #!/C:/Perl/bin/perl.exe -w change (line 5): use lib qw(/home/oetiker/data/projects/AAD-smokeping/dist/lib); into use lib qw(C:\smokeping-2.0.8\lib); change (line 10): Smokeping::cgi("/home/oetiker/data/projects/AAD-smokeping/dist/etc/config"); into Smokeping::cgi("C:/smokeping-2.0.8/etc\config.dist");

6) Configuration

- Create folders: C:\wamp\www\smg C:\smokeping-2.0.8\var

- edit configuration file (C:\smokeping-2.0.8\etc\config.dist) no line number here use search function instead :p

owner = contact = mailhost = #sendmail = /usr/lib/sendmail < == Comment this line imgcache = C:\wamp\www\smg imgurl = ./smg datadir = \smokeping-2.0.8\var # designate implicitly c:\smokeping-2.0.8\var piddir = C:/smokeping-2.0.8\var cgiurl = <http://127.0.0.1/cgi-bin/smokeping.pl> smokemail = C:/smokeping-2.0.8/etc/smokemail.dist tmail = C:/smokeping-2.0.8/etc/tmail.dist

syslogfacility = local0 < == Comment this line!!!!

* **Alerts** * to = from =

template = C:/smokeping-2.0.8/etc/basepage.html.dist

+ FPing binary = C:/smokeping-2.0.8/fping/fping.exe

title = remark =

google is for demonstrational purpose only; please refer to smokeping help to set your own targets

+ Google

menu = Google title =Google Connectivity alerts = bigloss,someloss,startloss host = google.fr

From:
<https://unix.ndlp.info/> - Where there is a shell, there is a way

Permanent link:
<https://unix.ndlp.info/doku.php/test?rev=1605174854>

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