linemonitor

Name

`linemonitor` — Monitor for TCP/IP connectivity between Internet hosts

Synopsis

linemonitor [`--port=`*port number*] [`--version`] [`--debug`] [`--verbose`]
[`--daemon`] [`--log-file=`*logfile name*] [`--help`] [`--wait=`*seconds*]
[`--reply-delay=`*milliseconds*] [`--service-name=`*name*] [`--install`]
[`--uninstall`] [`--timeout=`*seconds*] [`--license`] [host]

DESCRIPTION

This manual page documents **linemonitor**, a utility that can test and document the
TCP/IP connectivity between Internet hosts. To test the connectivity between two hosts,
the program is started in server mode on one host, and in client mode on the other. The
client will then connect to the server over TCP/IP, on port 1030 (unless another port is
specified on both hosts) and send a 6 byte message to the server each second. The
server replies back with another 6 byte message, and the client measures the delay from
the request was sent to the answer is received in milliseconds and displays that on
screen, or optionally in a logfile. If the connection is lost, the client will try to
reconnect, and print the status to the screen/ logfile. The logfile is a tab-separated
textfile with a ANSI format date/clock <TAB> status [<TAB> milliseconds] <CR>. If
the connection is down, the delay field is not supplied. Under Microsoft Windows the
lines are separated with CRLF.

The connectivity returned by this program can basically be provided with the UNIX
ping command. This program does however have some improvements; it will establish
a TCP/IP connection, and therefore be useful when tracing problems with dropped

connections. It can also run as a native UNIX daemon, or native Microsoft Windows NT/2000 service.

OPTIONS

`--help`

Show summary of options.

`--version`

Show the program version

`--debug`

Show debug information. (Not very useful for normal use)

`--server`

Run in servert mode. In this mode the program listens to the TCP port and replies to clients

`--log-name`*file name*

Optional log file to write to. Most useful in client mode

`--wait`*seconds*

Time to wait between each message from the client to the server. The default value is one second.

`--reply-delay`*milliseconds*

Microsoft Windows version only. Holds the reply from the server to the client in n milliseconds

`--port`*TCP port*

> Port to use. If set, this must be set on both hosts. The default port is 1030

`--service-name`*name*

> Microsoft Windows version only. The name to use as a NT/2000 service name. The default is "LineMonitor"

`--install`

> Microsoft Windows version only. Innstalls the program as a system service. You must open the control panel servicees applet and choose startup mode. The service is not started automatically by default.

`--uninstall`

> Microsoft Windows version only. Uninstalls the programs as a system service

`--timeout`*seconds*

> Timeout value for how often the program checks for a shutdown condition when it is in service mode.

`--license`

> Prints the programs license agreemet (GPL)

SEE ALSO

ping(8)

AUTHOR

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