NAME

sr-sprobe − Robust packet-pair bandwidth estimator

SYNOPSIS

sr-sprobe [-t] [-p] [-h] <IP address or name>

DESCRIPTION

SProbe is a packet pair bandwidth estimation tool designed to be fast and reasonably accurate while measuring to uncooperative hosts.

A novel feature of SProbe is that it would rather fail to give a response than present an errored one.

This is a scriptroute-based re-implementation of sprobe. It differs in that it does not use the TCP SYN flag, and does not support "upstream" bandwidth measurement.

OPTIONS

−t Send TCP packets to port 80 of the remote server. Unlike vanilla sprobe, these TCP packets do not carry the SYN flag.

−p Send ICMP "ping" packets instead. This may work well to NATs and firewalls that filter TCP packets but respond to ICMP.

−h Show help.

EXIT STATUS

sr-sprobe exits 0 if it completes successfully, and 1 if out of order response traffic suggested that SProbe should not even guess.

BUGS

Send bug reports or suggestions to <bugs@scriptroute.org>.

Does not support all features of the original SProbe.

AUTHOR

Neil Spring <nspring@cs.washington.edu>

Sprobe was originally written by Stefan Saroiu based on code from Sting by Stefan Savage.

SEE ALSO

sr-remotely.rb(1)