iftop Live bandwidth by host

CONCEPTS

iftop needs raw packet capture: run it with sudo and name the interface with -i, or it picks the first one.

iftop -nNP who talks
Sort 1-3 2s / 10s / 40s
Filter l or -f
Capture tcpdump
Reading a busy link

The three columns are average rates over 2, 10 and 40 seconds; the bottom bar shows cumulative, peak and rate totals.

DISPLAY

`r`
Toggle hostname resolution

`p`
Toggle port display

`S`
Toggle source port

`D`
Toggle destination port

`t`
Cycle line display modes

`P`
Pause the display

`o`
Freeze current ordering

`j` / `k`
Scroll the host list

SORTING AND GROUPING

`s`
Aggregate by source host

`d`
Aggregate by destination host

`1` / `2` / `3`
Sort by column 1, 2 or 3

SORTING AND GROUPING (cont.)

`<`
Sort by source name

`>`
Sort by destination name

`l`
Filter hostnames by regex

`f`
Edit the capture filter live

`h` / `?`
Show built-in help

COMMAND LINE

`iftop` › `-i` › ⌈*<if>*⌋
Listen on an interface

`iftop` › `-n`
No hostname lookups

`iftop` › `-N`
No port-to-service names

`iftop` › `-P`
Show ports

`iftop` › `-B`
Rates in bytes, not bits

`iftop` › `-f` › `"<filter>"`
Capture filter (pcap syntax)

`iftop` › `-F` › ⌈*<net/mask>*⌋
Measure direction relative to a network

`iftop` › `-p`
Promiscuous mode

`iftop` › `-b`
No bar graphs

`iftop` › `-m` › ⌈*<limit>*⌋
Bar scale limit (K, M, G)

`iftop` › `-t`
Plain text output, no ncurses

`iftop` › `-h`
Print usage