D-ITG

ITGSend flags:

-a <dest-address>

-z <#_of_packets>

-l [logfile] (sender-side log file, defaults to `/tmp/ITGSend.log`)

-x [receiver_logfile] (receiver-side log file, defaults to `/tmp/ITGRecv.log`)

-i <interface>

-t <duration> (set the generation duration in ms, default: 10000ms)

-T <protocol> (TCP/UDP)

-D (disable TCP Nagle algorithm) (**investigate if this is enabled on Ubuntu**)

-c <pkt_size> (constant, default: 512 bytes)

-n <mean> <std_dev> (normal distribution)

-Fs <filename> (read payload sizes from file)

-m <meter> (type of meter, takes values `owdm` or `rttm`, defaults to `owdm`)

Round-Trip Time Meter (rttm) must be used as machines are offline so clocks aren't synchronised and will therefore provided inaccurate results.

ITGRecv flags:

-l [logfile] (receiver-side log file, defaults to `/tmp/ITGRecv.log`, ignores -x from ITGSend)

ITGDec flags:

-l <txtlog> (print to <txtlog> the decoded log in text format)

-d <DT> [filename] (print average delay to file every <DT> milliseconds, default filename: 'delay.dat')

-j <JT> [filename] (print average jitter to file every <JT> milliseconds, default filename: 'jitter.dat')

-b <BT> [filename] (print average bitrate (throughput) to file every <BT> milliseconds, default filename: 'bitrate.dat')

-p <PT> [filename] (print average packet loss to file every <PT> milliseconds, default filename: 'packetloss.dat')

-c <CT> [filename] (print all average metrics to file every <CT> milliseconds, default filename: 'combined_stats.dat')

-o <outfile> (print to <outfile> the decoded log for Octave/Matlab import)

ITGplot:

ITGplot <input_file> [flow_set] (where <input_file> is the .dat from ITGDec -o, requires octave)