

Pantheon Report

Generated at 2025-04-17 19:37:42 (UTC).

Tested in mahimahi: mm-delay 10 mm-link 50mbps.trace 50mbps.trace
--uplink-queue=droptail --downlink-queue=droptail --uplink-queue-args=packets=500
--downlink-queue-args=packets=500

Repeated the test of 1 congestion control schemes once.

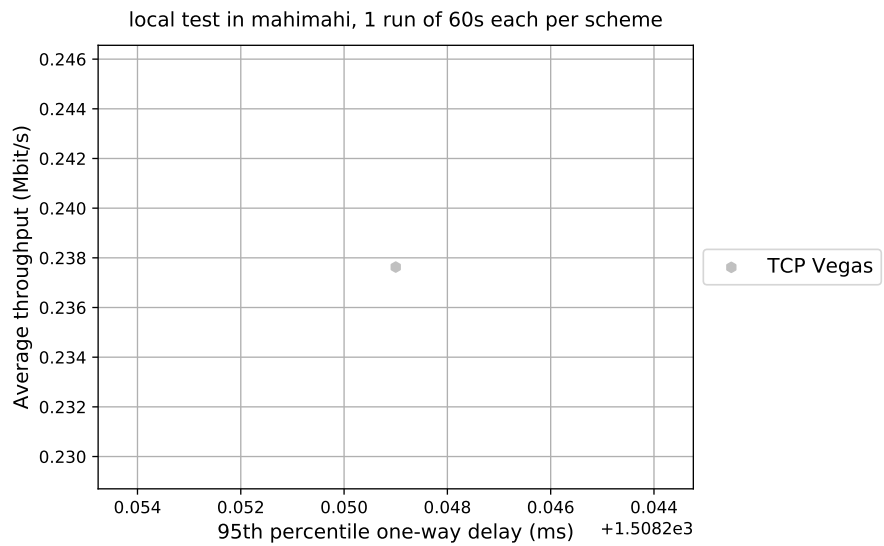
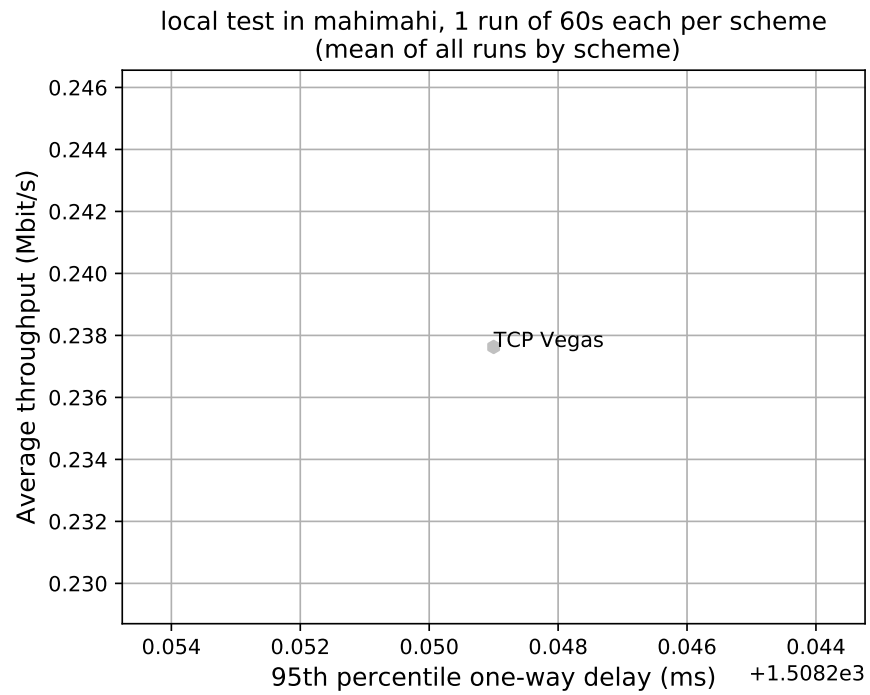
Each test lasted for 60 seconds running 1 flow.

System info:

Linux 5.15.0-136-generic
net.core.default_qdisc = fq
net.core.rmem_default = 212992
net.core.rmem_max = 212992
net.core.wmem_default = 212992
net.core.wmem_max = 212992
net.ipv4.tcp_rmem = 4096 131072 6291456
net.ipv4.tcp_wmem = 4096 16384 4194304

Git summary:

N/A



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP Vegas	1	0.24	1508.25	0.34

Run 1: Statistics of TCP Vegas

Start at: 2025-04-17 19:36:36

End at: 2025-04-17 19:37:36

Below is generated by plot.py at 2025-04-17 19:37:42

Datalink statistics

-- Total of 1 flow:

Average capacity: 34.11 Mbit/s

Average throughput: 0.24 Mbit/s (0.7% utilization)

95th percentile per-packet one-way delay: 1508.249 ms

Loss rate: 0.34%

-- Flow 1:

Average throughput: 0.24 Mbit/s

95th percentile per-packet one-way delay: 1508.249 ms

Loss rate: 0.34%

Run 1: Report of TCP Vegas — Data Link

