

Pantheon Report

Generated at 2025-04-16 00:44:21 (UTC).

Tested in mahimahi: `mm-link 12mbps.trace 12mbps.trace`

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

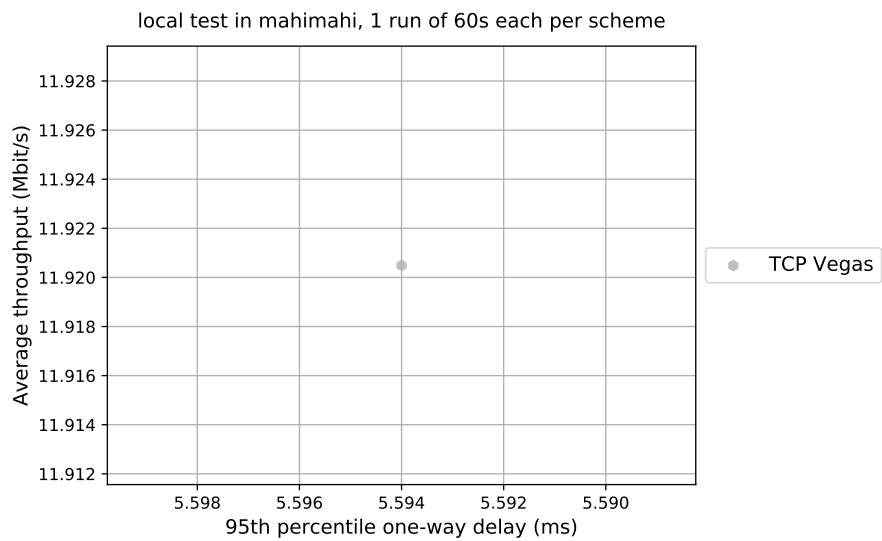
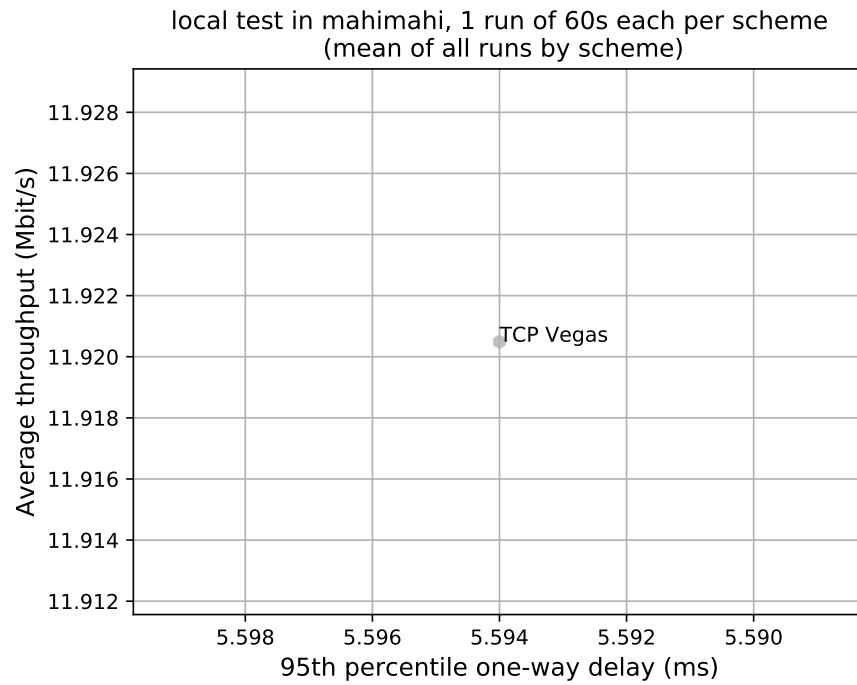
`net.core.wmem_max` = 212992

`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	11.92	5.59	0.01

Run 1: Statistics of TCP Vegas

Start at: 2025-04-16 00:43:00

End at: 2025-04-16 00:44:00

Below is generated by plot.py at 2025-04-16 00:44:20

Datalink statistics

-- Total of 1 flow:

Average capacity: 12.00 Mbit/s

Average throughput: 11.92 Mbit/s (99.3% utilization)

95th percentile per-packet one-way delay: 5.594 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 11.92 Mbit/s

95th percentile per-packet one-way delay: 5.594 ms

Loss rate: 0.01%

Run 1: Report of TCP Vegas — Data Link

