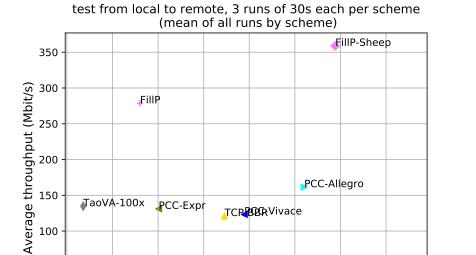
Pantheon Report

```
Generated at 2021-03-08 05:01:32 (UTC).
  Data path: (local) \rightarrow (remote).
  Repeated the test of 12 congestion control schemes 3 times.
  Each test lasted for 30 seconds running 1 flow.
System info:
Linux 5.4.0-1038-aws
net.core.default_qdisc = fq_codel
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:
branch: master @ c3c3745a95cfbeb077ba44029b7f8bb2711f4282
third_party/fillp @ d6da1459332fcee56963885d7eba17e6a32d4519
third_party/fillp-sheep @ 0e5bb722943babcd2b090d2c64fcd45e12e923f9
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdfe58e562f4
third_party/indigo @ 463d89b09699a57bfdfbae351646df6a60040b90
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ f866d3f58d27afd942717625ee3a354cc2e802bd
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
\verb|third_party/pcc-experimenta| @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab| \\
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
M src/examples/cellsim.cc
M src/examples/sproutbt2.cc
M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```



∔EDBAT

42.2

42.4

95th percentile one-way delay (ms)

SpT6BtVebias

41.8

42.0

SCReAM

100

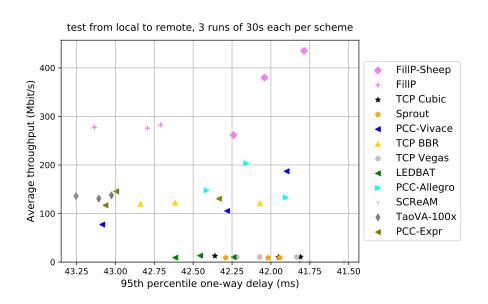
50

0 43.2

43.0

42.8

42.6



		mean avg tput (Mbit/s)	mean 95th-%ile delay (ms)	mean loss rate (%)	
scheme	# runs	flow 1	flow 1	flow 1	
TCP BBR	3	121.01	42.51	4.10	
TCP Cubic	3	11.21	42.04	0.49	
FillP	3	278.58	42.88	11.55	
FillP-Sheep	3	358.85	42.02	4.43	
LEDBAT	3	10.88	42.44	0.46	
PCC-Allegro	3	161.37	42.16	3.14	
PCC-Expr	3	131.01	42.80	2.87	
SCReAM	3	0.22	41.70	0.00	
Sprout	3	9.02	42.08	1.37	
TaoVA-100x	3	134.72	43.13	7.43	
TCP Vegas	3	10.38	42.04	0.38	
PCC-Vivace	3	123.23	42.42	1.22	

Run 1: Statistics of TCP BBR

Start at: 2021-03-08 04:28:47 End at: 2021-03-08 04:29:17

Below is generated by plot.py at 2021-03-08 04:52:41

Datalink statistics
-- Total of 1 flow:

Average throughput: 122.20 Mbit/s

95th percentile per-packet one-way delay: 42.616 ms

Loss rate: 4.27%

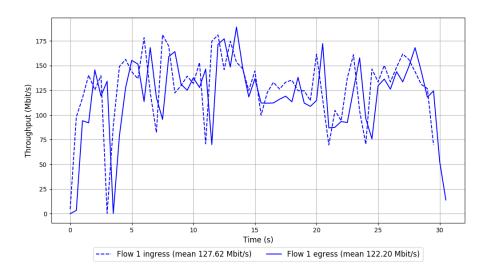
-- Flow 1:

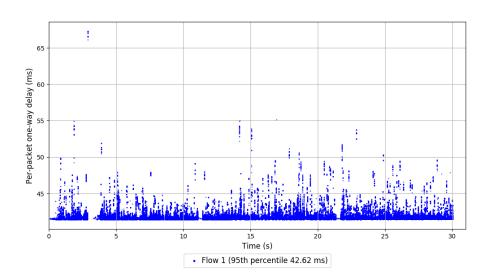
Average throughput: 122.20 Mbit/s

95th percentile per-packet one-way delay: 42.616 ms

Loss rate: 4.27%

Run 1: Report of TCP BBR — Data Link





Run 2: Statistics of TCP BBR

Start at: 2021-03-08 04:38:00 End at: 2021-03-08 04:38:30

Below is generated by plot.py at 2021-03-08 04:52:41

Datalink statistics
-- Total of 1 flow:

Average throughput: 119.76 Mbit/s

95th percentile per-packet one-way delay: 42.839 ms

Loss rate: 4.41%

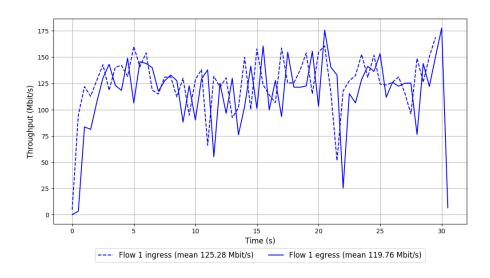
-- Flow 1:

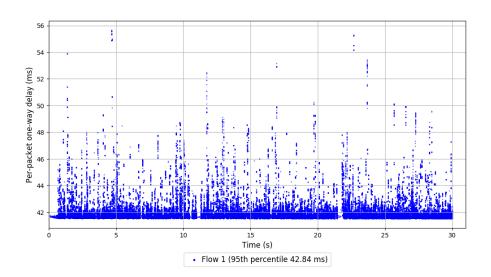
Average throughput: 119.76 Mbit/s

95th percentile per-packet one-way delay: 42.839 ms

Loss rate: 4.41%

Run 2: Report of TCP BBR — Data Link





Run 3: Statistics of TCP BBR

Start at: 2021-03-08 04:47:07 End at: 2021-03-08 04:47:37

Below is generated by plot.py at 2021-03-08 04:53:05

Datalink statistics
-- Total of 1 flow:

Average throughput: 121.08 Mbit/s

95th percentile per-packet one-way delay: 42.071 ms

Loss rate: 3.61%

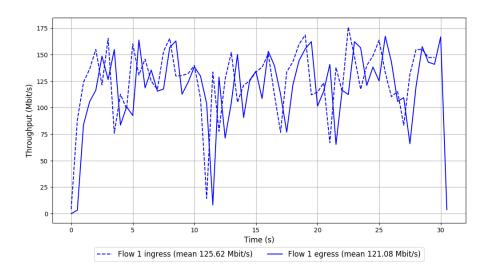
-- Flow 1:

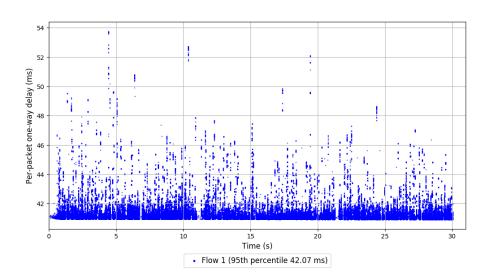
Average throughput: 121.08 Mbit/s

95th percentile per-packet one-way delay: 42.071 ms

Loss rate: 3.61%

Run 3: Report of TCP BBR — Data Link





Run 1: Statistics of TCP Cubic

Start at: 2021-03-08 04:26:39 End at: 2021-03-08 04:27:09

Below is generated by plot.py at 2021-03-08 04:53:05

Datalink statistics
-- Total of 1 flow:

Average throughput: 10.68 Mbit/s

95th percentile per-packet one-way delay: 41.809 ms

Loss rate: 0.14%

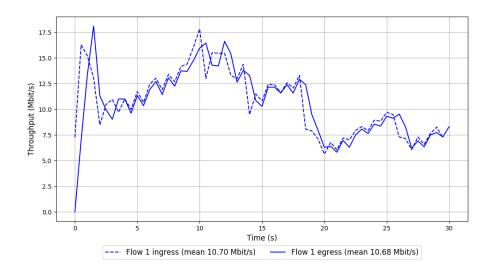
-- Flow 1:

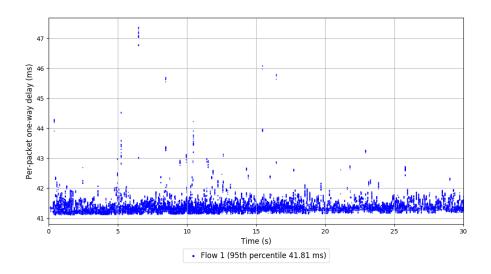
Average throughput: 10.68 Mbit/s

95th percentile per-packet one-way delay: 41.809 ms

Loss rate: 0.14%

Run 1: Report of TCP Cubic — Data Link





Run 2: Statistics of TCP Cubic

Start at: 2021-03-08 04:35:46 End at: 2021-03-08 04:36:16

Below is generated by plot.py at 2021-03-08 04:53:05

Datalink statistics
-- Total of 1 flow:

Average throughput: 12.69 Mbit/s

95th percentile per-packet one-way delay: 42.360 ms

Loss rate: 0.61%

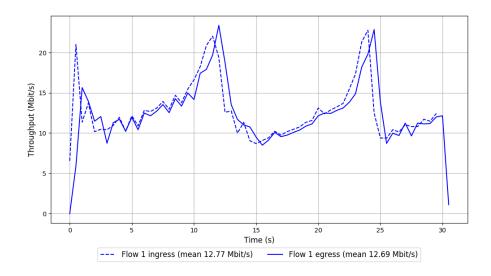
-- Flow 1:

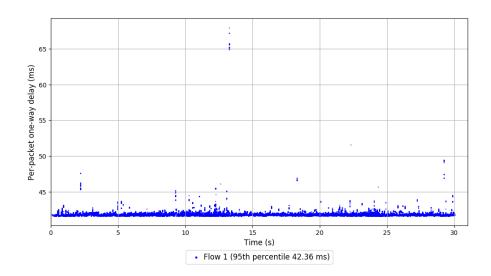
Average throughput: 12.69 Mbit/s

95th percentile per-packet one-way delay: 42.360 ms

Loss rate: 0.61%

Run 2: Report of TCP Cubic — Data Link





Run 3: Statistics of TCP Cubic

Start at: 2021-03-08 04:44:59 End at: 2021-03-08 04:45:29

Below is generated by plot.py at 2021-03-08 04:53:05

Datalink statistics
-- Total of 1 flow:

Average throughput: 10.25 Mbit/s

95th percentile per-packet one-way delay: 41.951 ms

Loss rate: 0.72%

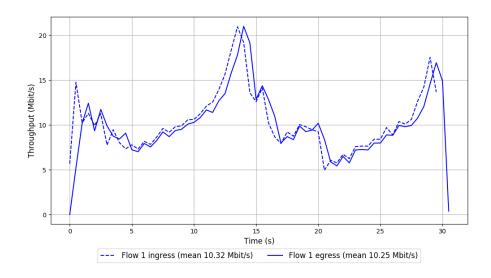
-- Flow 1:

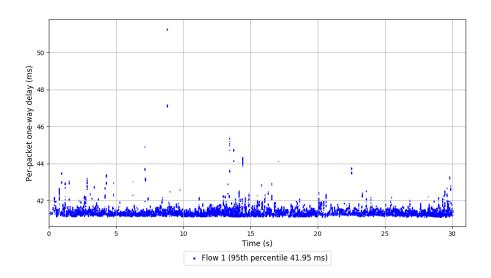
Average throughput: 10.25 Mbit/s

95th percentile per-packet one-way delay: 41.951 ms

Loss rate: 0.72%

Run 3: Report of TCP Cubic — Data Link





Run 1: Statistics of FillP

Start at: 2021-03-08 04:25:49 End at: 2021-03-08 04:26:19

Below is generated by plot.py at 2021-03-08 04:54:05

Datalink statistics
-- Total of 1 flow:

Average throughput: 275.68 Mbit/s

95th percentile per-packet one-way delay: 42.794 ms

Loss rate: 13.04%

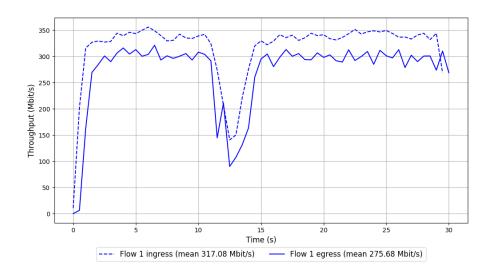
-- Flow 1:

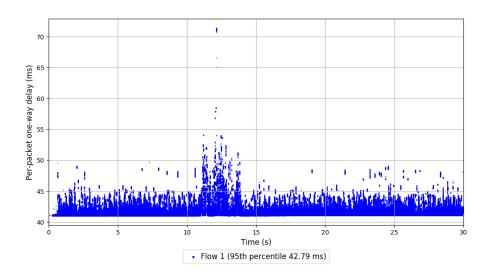
Average throughput: 275.68 Mbit/s

95th percentile per-packet one-way delay: 42.794 ms

Loss rate: 13.04%

Run 1: Report of FillP — Data Link





Run 2: Statistics of FillP

Start at: 2021-03-08 04:34:56 End at: 2021-03-08 04:35:26

Below is generated by plot.py at 2021-03-08 04:54:14

Datalink statistics
-- Total of 1 flow:

Average throughput: 277.67 Mbit/s

95th percentile per-packet one-way delay: 43.135 ms

Loss rate: 10.94%

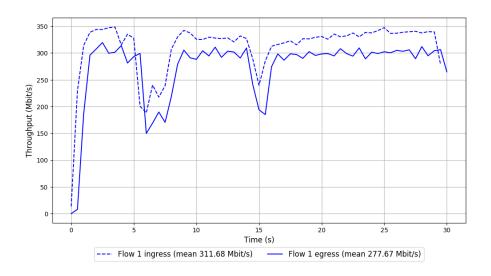
-- Flow 1:

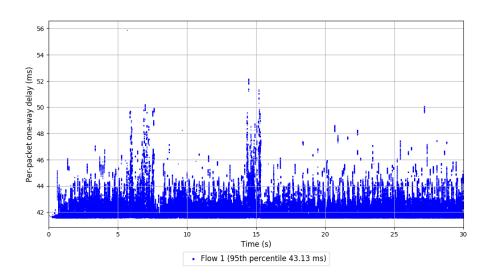
Average throughput: 277.67 Mbit/s

95th percentile per-packet one-way delay: 43.135 ms

Loss rate: 10.94%

Run 2: Report of FillP — Data Link





Run 3: Statistics of FillP

Start at: 2021-03-08 04:44:08 End at: 2021-03-08 04:44:38

Below is generated by plot.py at 2021-03-08 04:55:18

Datalink statistics
-- Total of 1 flow:

Average throughput: 282.39 Mbit/s

95th percentile per-packet one-way delay: 42.709 ms

Loss rate: 10.66%

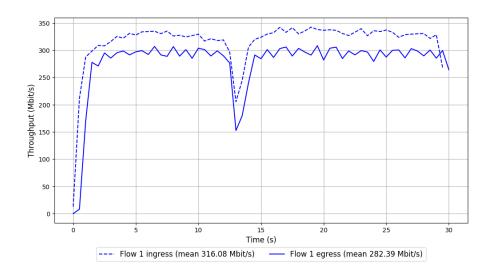
-- Flow 1:

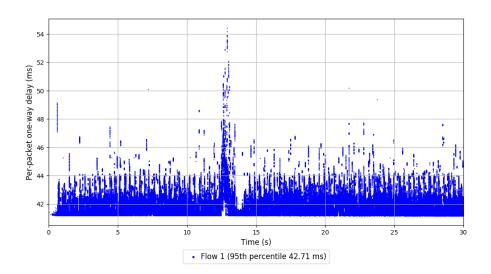
Average throughput: 282.39 Mbit/s

95th percentile per-packet one-way delay: 42.709 ms

Loss rate: 10.66%

Run 3: Report of FillP — Data Link





Run 1: Statistics of FillP-Sheep

Start at: 2021-03-08 04:25:00 End at: 2021-03-08 04:25:30

Below is generated by plot.py at 2021-03-08 04:55:21

Datalink statistics
-- Total of 1 flow:

Average throughput: 261.49 Mbit/s

95th percentile per-packet one-way delay: 42.240 ms

Loss rate: 7.89%

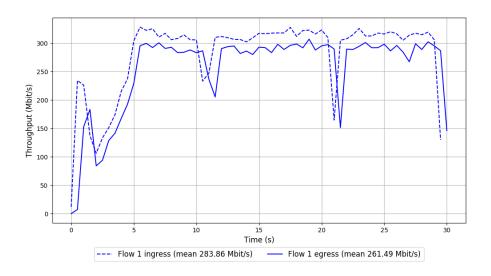
-- Flow 1:

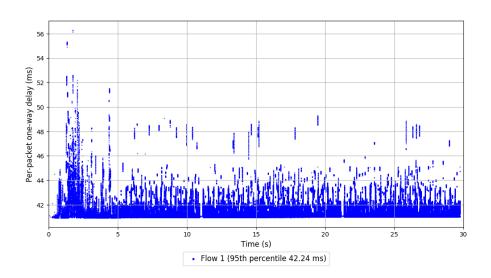
Average throughput: 261.49 Mbit/s

95th percentile per-packet one-way delay: 42.240 ms

Loss rate: 7.89%

Run 1: Report of FillP-Sheep — Data Link





Run 2: Statistics of FillP-Sheep

Start at: 2021-03-08 04:34:03 End at: 2021-03-08 04:34:33

Below is generated by plot.py at 2021-03-08 04:56:54

Datalink statistics
-- Total of 1 flow:

Average throughput: 380.04 Mbit/s

95th percentile per-packet one-way delay: 42.041 ms

Loss rate: 2.49%

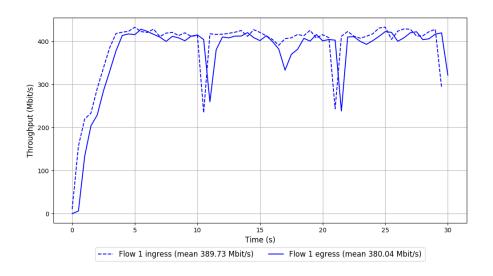
-- Flow 1:

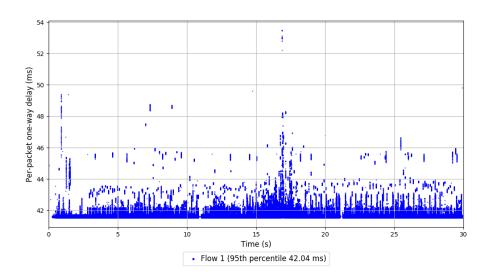
Average throughput: 380.04 Mbit/s

95th percentile per-packet one-way delay: 42.041 ms

Loss rate: 2.49%

Run 2: Report of FillP-Sheep — Data Link





Run 3: Statistics of FillP-Sheep

Start at: 2021-03-08 04:43:13 End at: 2021-03-08 04:43:43

Below is generated by plot.py at 2021-03-08 04:57:08

Datalink statistics
-- Total of 1 flow:

Average throughput: 435.02 Mbit/s

95th percentile per-packet one-way delay: 41.787 ms

Loss rate: 2.90%

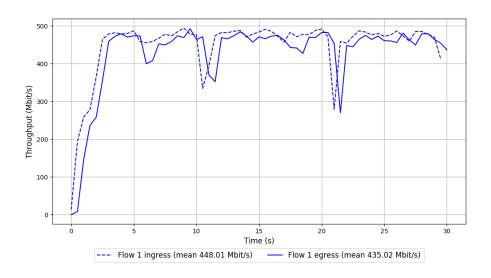
-- Flow 1:

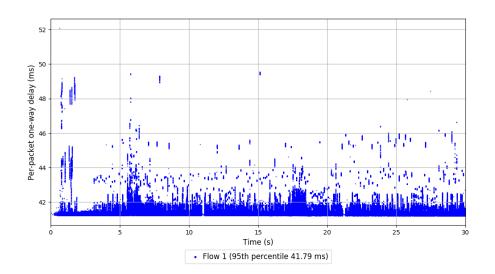
Average throughput: 435.02 Mbit/s

95th percentile per-packet one-way delay: 41.787 ms

Loss rate: 2.90%

Run 3: Report of FillP-Sheep — Data Link





Run 1: Statistics of LEDBAT

Start at: 2021-03-08 04:30:14 End at: 2021-03-08 04:30:44

Below is generated by plot.py at 2021-03-08 04:57:08

Datalink statistics
-- Total of 1 flow:

Average throughput: 13.31 Mbit/s

95th percentile per-packet one-way delay: 42.455 ms

Loss rate: 0.30%

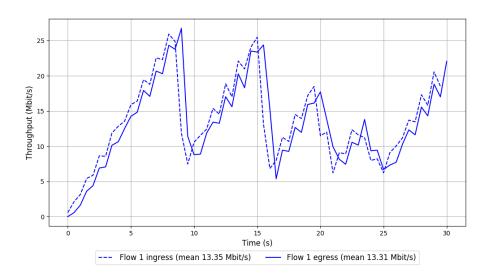
-- Flow 1:

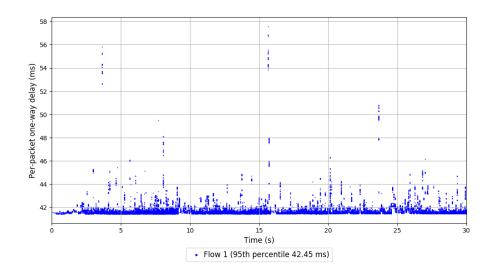
Average throughput: 13.31 Mbit/s

95th percentile per-packet one-way delay: 42.455 ms

Loss rate: 0.30%

Run 1: Report of LEDBAT — Data Link





Run 2: Statistics of LEDBAT

Start at: 2021-03-08 04:39:25 End at: 2021-03-08 04:39:55

Below is generated by plot.py at 2021-03-08 04:57:08

Datalink statistics
-- Total of 1 flow:

Average throughput: 9.16 Mbit/s

95th percentile per-packet one-way delay: 42.615 ms

Loss rate: 0.68%

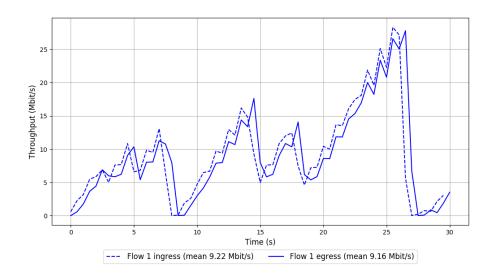
-- Flow 1:

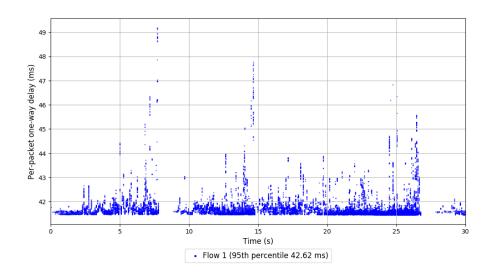
Average throughput: 9.16 Mbit/s

95th percentile per-packet one-way delay: 42.615 ms

Loss rate: 0.68%

Run 2: Report of LEDBAT — Data Link





Run 3: Statistics of LEDBAT

Start at: 2021-03-08 04:48:32 End at: 2021-03-08 04:49:02

Below is generated by plot.py at 2021-03-08 04:57:08

Datalink statistics
-- Total of 1 flow:

Average throughput: 10.18 Mbit/s

95th percentile per-packet one-way delay: 42.240 ms

Loss rate: 0.39%

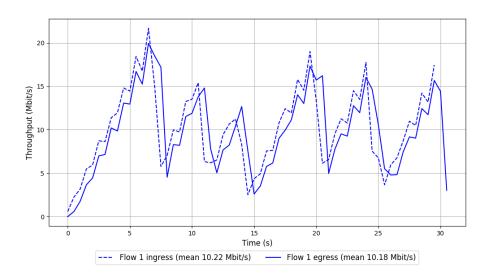
-- Flow 1:

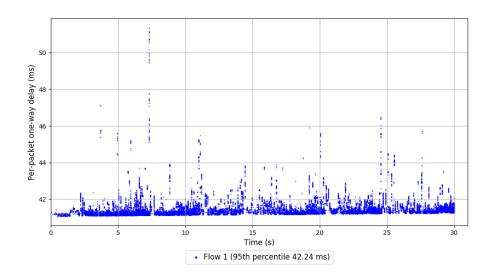
Average throughput: 10.18 Mbit/s

95th percentile per-packet one-way delay: 42.240 ms

Loss rate: 0.39%

Run 3: Report of LEDBAT — Data Link





Run 1: Statistics of PCC-Allegro

Start at: 2021-03-08 04:30:55 End at: 2021-03-08 04:31:25

Below is generated by plot.py at 2021-03-08 04:57:33

Datalink statistics
-- Total of 1 flow:

Average throughput: 147.58 Mbit/s

95th percentile per-packet one-way delay: 42.414 ms

Loss rate: 1.57%

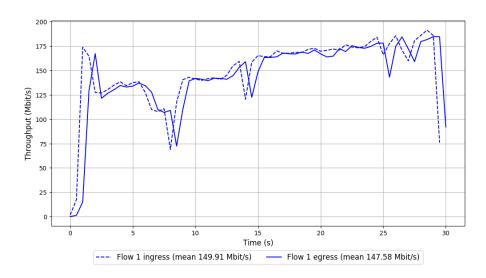
-- Flow 1:

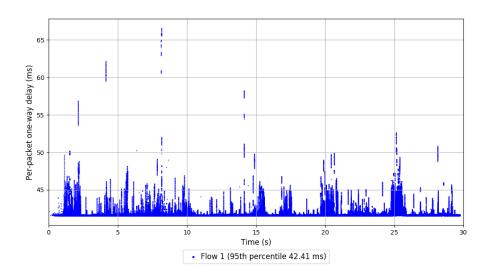
Average throughput: 147.58 Mbit/s

95th percentile per-packet one-way delay: 42.414 ms

Loss rate: 1.57%

Run 1: Report of PCC-Allegro — Data Link





Run 2: Statistics of PCC-Allegro

Start at: 2021-03-08 04:40:07 End at: 2021-03-08 04:40:37

Below is generated by plot.py at 2021-03-08 04:57:36

Datalink statistics
-- Total of 1 flow:

Average throughput: 133.10 Mbit/s

95th percentile per-packet one-way delay: 41.904 ms

Loss rate: 1.27%

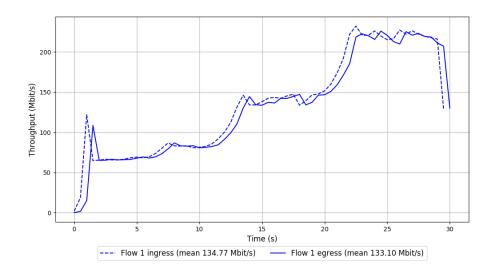
-- Flow 1:

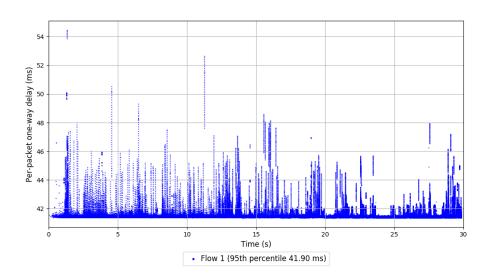
Average throughput: 133.10 Mbit/s

95th percentile per-packet one-way delay: 41.904 ms

Loss rate: 1.27%

Run 2: Report of PCC-Allegro — Data Link





Run 3: Statistics of PCC-Allegro

Start at: 2021-03-08 04:49:13 End at: 2021-03-08 04:49:43

Below is generated by plot.py at 2021-03-08 04:58:08

Datalink statistics
-- Total of 1 flow:

Average throughput: 203.42 Mbit/s

95th percentile per-packet one-way delay: 42.159 ms

Loss rate: 6.58%

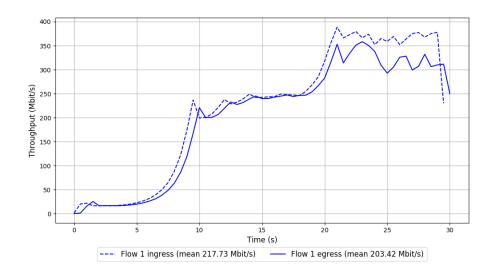
-- Flow 1:

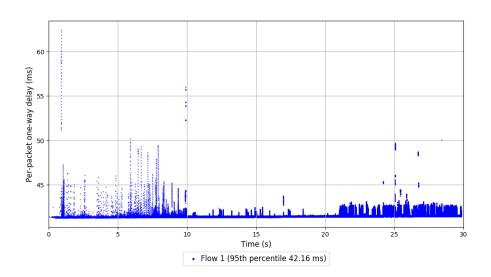
Average throughput: 203.42 Mbit/s

95th percentile per-packet one-way delay: 42.159 ms

Loss rate: 6.58%

Run 3: Report of PCC-Allegro — Data Link





Run 1: Statistics of PCC-Expr

Start at: 2021-03-08 04:33:11 End at: 2021-03-08 04:33:42

Below is generated by plot.py at 2021-03-08 04:58:31

Datalink statistics
-- Total of 1 flow:

Average throughput: 145.68 Mbit/s

95th percentile per-packet one-way delay: 42.995 ms

Loss rate: 4.94%

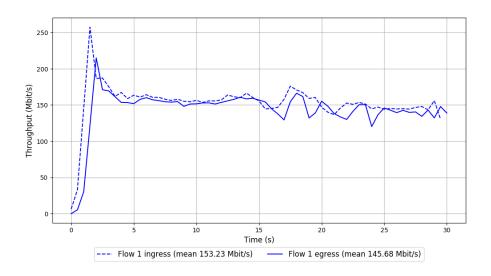
-- Flow 1:

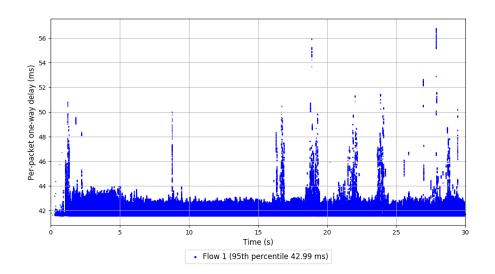
Average throughput: 145.68 Mbit/s

95th percentile per-packet one-way delay: 42.995 ms

Loss rate: 4.94%

Run 1: Report of PCC-Expr — Data Link





Run 2: Statistics of PCC-Expr

Start at: 2021-03-08 04:42:22 End at: 2021-03-08 04:42:52

Below is generated by plot.py at 2021-03-08 04:58:59

Datalink statistics
-- Total of 1 flow:

Average throughput: 130.45 Mbit/s

95th percentile per-packet one-way delay: 42.334 ms

Loss rate: 1.70%

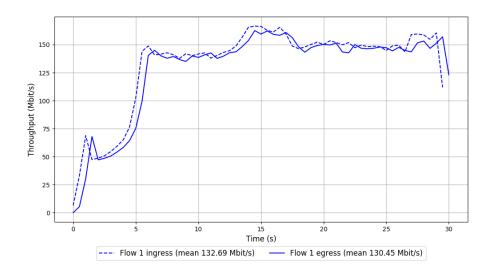
-- Flow 1:

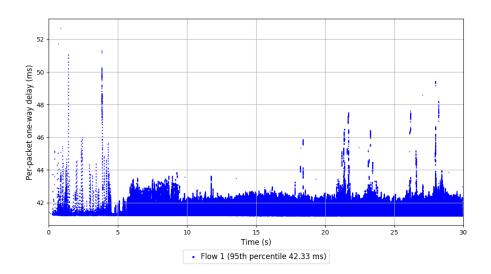
Average throughput: 130.45 Mbit/s

95th percentile per-packet one-way delay: 42.334 ms

Loss rate: 1.70%

Run 2: Report of PCC-Expr — Data Link





Run 3: Statistics of PCC-Expr

Start at: 2021-03-08 04:51:30 End at: 2021-03-08 04:52:00

Below is generated by plot.py at 2021-03-08 04:59:22

Datalink statistics
-- Total of 1 flow:

Average throughput: 116.89 Mbit/s

95th percentile per-packet one-way delay: 43.064 ms

Loss rate: 1.98%

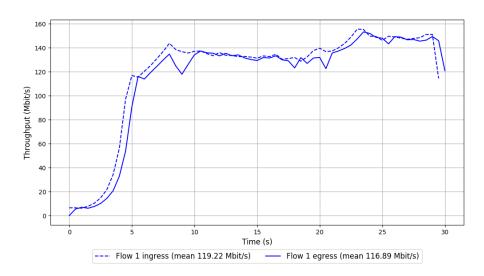
-- Flow 1:

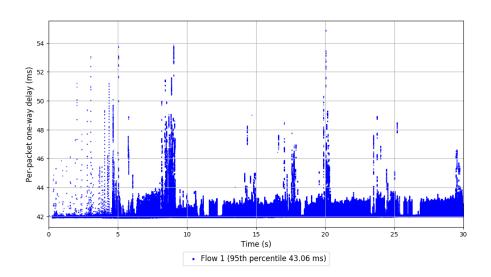
Average throughput: 116.89 Mbit/s

95th percentile per-packet one-way delay: 43.064 ms

Loss rate: 1.98%

Run 3: Report of PCC-Expr — Data Link





Run 1: Statistics of SCReAM

Start at: 2021-03-08 04:31:41 End at: 2021-03-08 04:32:11

Below is generated by plot.py at 2021-03-08 04:59:22

Datalink statistics
-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 41.747 ms

Loss rate: 0.00%

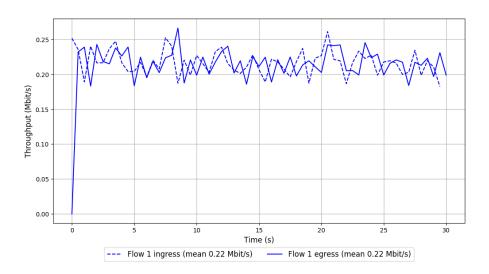
-- Flow 1:

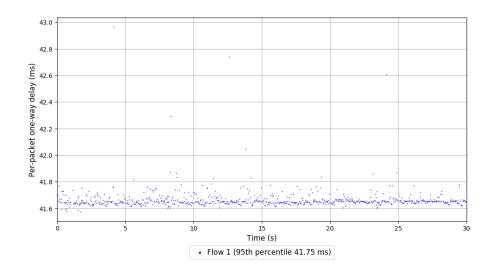
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 41.747 ms

Loss rate: 0.00%

Run 1: Report of SCReAM — Data Link





Run 2: Statistics of SCReAM

Start at: 2021-03-08 04:40:52 End at: 2021-03-08 04:41:22

Below is generated by plot.py at 2021-03-08 04:59:22

Datalink statistics
-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 41.528 ms

Loss rate: 0.00%

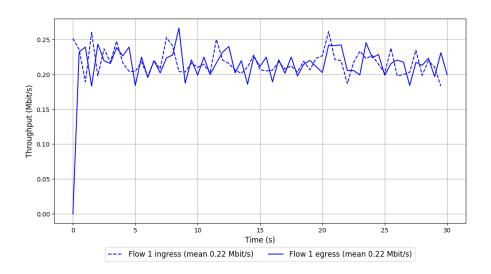
-- Flow 1:

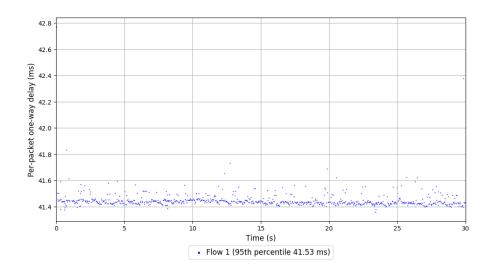
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 41.528 ms

Loss rate: 0.00%

Run 2: Report of SCReAM — Data Link





Run 3: Statistics of SCReAM

Start at: 2021-03-08 04:49:59 End at: 2021-03-08 04:50:29

Below is generated by plot.py at 2021-03-08 04:59:22

Datalink statistics
-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 41.815 ms

Loss rate: 0.00%

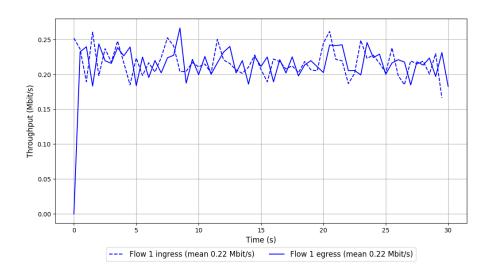
-- Flow 1:

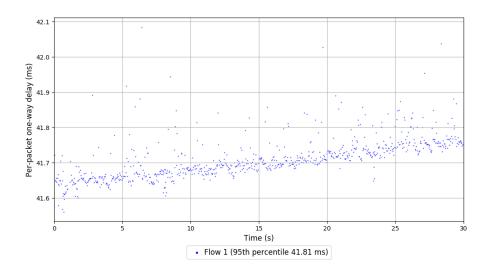
Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 41.815 ms

Loss rate: 0.00%

Run 3: Report of SCReAM — Data Link





Run 1: Statistics of Sprout

Start at: 2021-03-08 04:27:20 End at: 2021-03-08 04:27:50

Below is generated by plot.py at 2021-03-08 04:59:22

Datalink statistics
-- Total of 1 flow:

Average throughput: 9.09 Mbit/s

95th percentile per-packet one-way delay: 41.943 ms

Loss rate: 1.27%

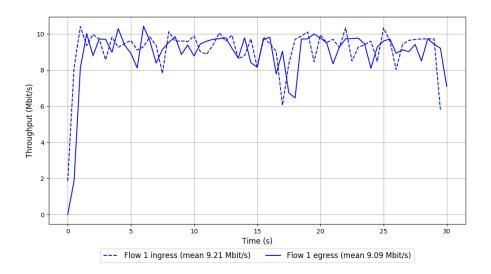
-- Flow 1:

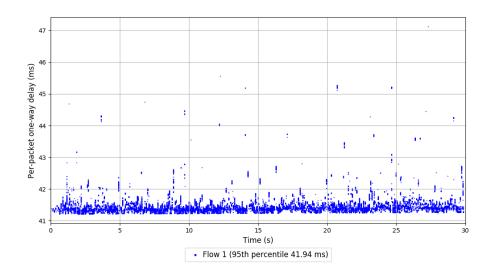
Average throughput: 9.09 Mbit/s

95th percentile per-packet one-way delay: 41.943 ms

Loss rate: 1.27%

Run 1: Report of Sprout — Data Link





Run 2: Statistics of Sprout

Start at: 2021-03-08 04:36:27 End at: 2021-03-08 04:36:57

Below is generated by plot.py at 2021-03-08 04:59:22

Datalink statistics
-- Total of 1 flow:

Average throughput: 9.09 Mbit/s

95th percentile per-packet one-way delay: 42.291 ms

Loss rate: 0.97%

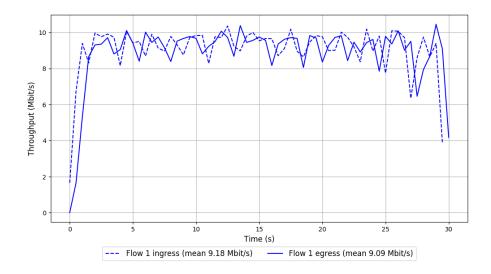
-- Flow 1:

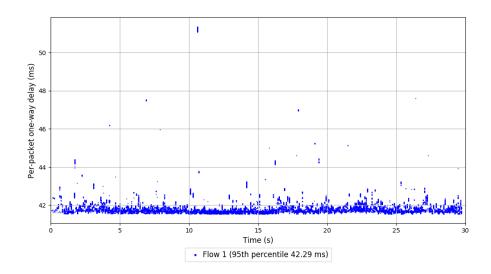
Average throughput: 9.09 Mbit/s

95th percentile per-packet one-way delay: 42.291 ms

Loss rate: 0.97%

Run 2: Report of Sprout — Data Link





Run 3: Statistics of Sprout

Start at: 2021-03-08 04:45:40 End at: 2021-03-08 04:46:10

Below is generated by plot.py at 2021-03-08 04:59:22

Datalink statistics
-- Total of 1 flow:

Average throughput: 8.89 Mbit/s

95th percentile per-packet one-way delay: 42.017 ms

Loss rate: 1.86%

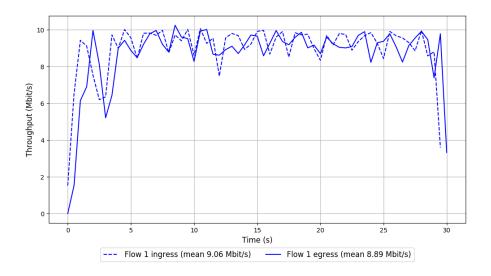
-- Flow 1:

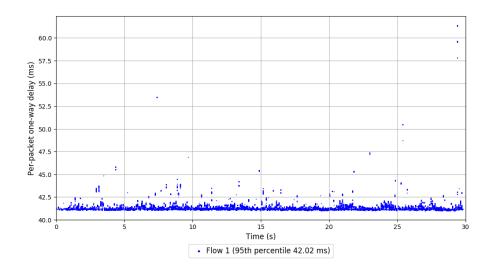
Average throughput: 8.89 Mbit/s

95th percentile per-packet one-way delay: 42.017 ms

Loss rate: 1.86%

Run 3: Report of Sprout — Data Link





Run 1: Statistics of TaoVA-100x

Start at: 2021-03-08 04:32:20 End at: 2021-03-08 04:32:50

Below is generated by plot.py at 2021-03-08 05:00:14

Datalink statistics
-- Total of 1 flow:

Average throughput: 137.46 Mbit/s

95th percentile per-packet one-way delay: 43.026 ms

Loss rate: 6.58%

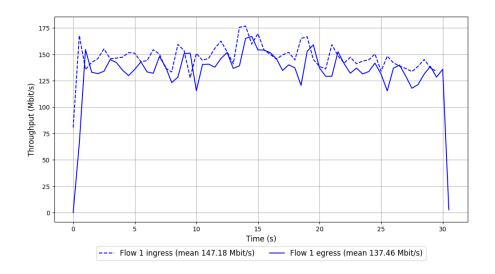
-- Flow 1:

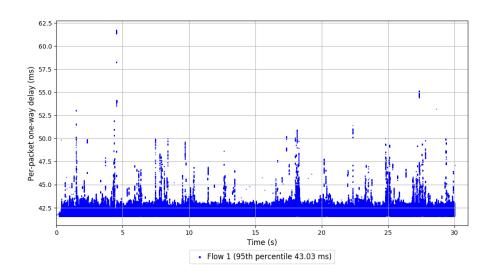
Average throughput: 137.46 Mbit/s

95th percentile per-packet one-way delay: 43.026 ms

Loss rate: 6.58%

Run 1: Report of TaoVA-100x — Data Link





Run 2: Statistics of TaoVA-100x

Start at: 2021-03-08 04:41:31 End at: 2021-03-08 04:42:01

Below is generated by plot.py at 2021-03-08 05:00:18

Datalink statistics
-- Total of 1 flow:

Average throughput: 130.78 Mbit/s

95th percentile per-packet one-way delay: 43.107 ms

Loss rate: 7.95%

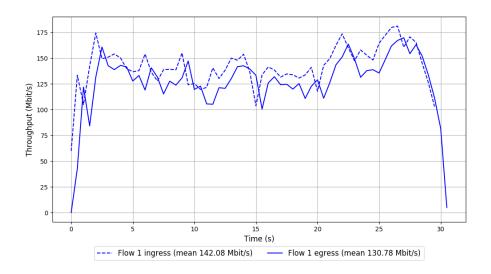
-- Flow 1:

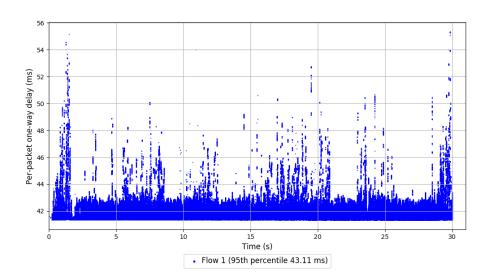
Average throughput: 130.78 Mbit/s

95th percentile per-packet one-way delay: 43.107 ms

Loss rate: 7.95%

Run 2: Report of TaoVA-100x — Data Link





Run 3: Statistics of TaoVA-100x

Start at: 2021-03-08 04:50:39 End at: 2021-03-08 04:51:09

Below is generated by plot.py at 2021-03-08 05:01:07

Datalink statistics
-- Total of 1 flow:

Average throughput: 135.91 Mbit/s

95th percentile per-packet one-way delay: 43.253 ms

Loss rate: 7.75%

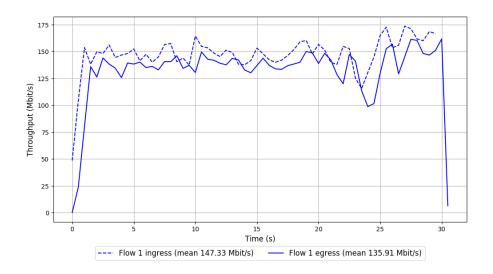
-- Flow 1:

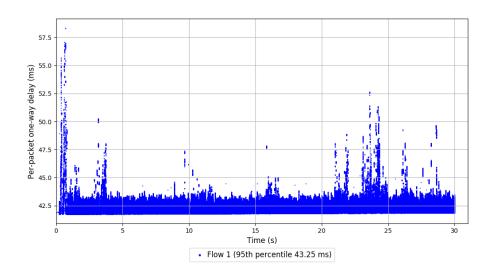
Average throughput: 135.91 Mbit/s

95th percentile per-packet one-way delay: 43.253 ms

Loss rate: 7.75%

Run 3: Report of TaoVA-100x — Data Link





Run 1: Statistics of TCP Vegas

Start at: 2021-03-08 04:29:31 End at: 2021-03-08 04:30:01

Below is generated by plot.py at 2021-03-08 05:01:07

Datalink statistics
-- Total of 1 flow:

Average throughput: 10.28 Mbit/s

95th percentile per-packet one-way delay: 42.072 ms

Loss rate: 0.37%

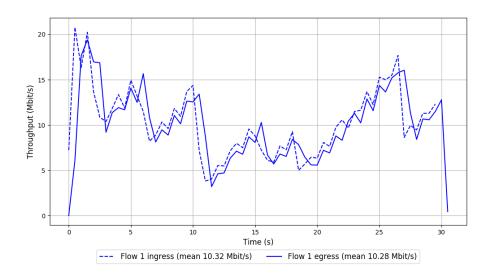
-- Flow 1:

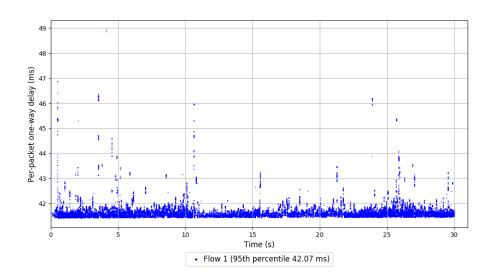
Average throughput: 10.28 Mbit/s

95th percentile per-packet one-way delay: 42.072 ms

Loss rate: 0.37%

Run 1: Report of TCP Vegas — Data Link





Run 2: Statistics of TCP Vegas

Start at: 2021-03-08 04:38:44 End at: 2021-03-08 04:39:14

Below is generated by plot.py at 2021-03-08 05:01:07

Datalink statistics
-- Total of 1 flow:

Average throughput: 10.44 Mbit/s

95th percentile per-packet one-way delay: 42.219 ms

Loss rate: 0.50%

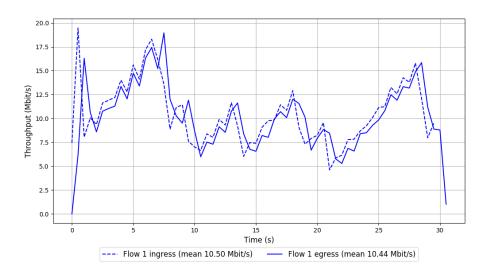
-- Flow 1:

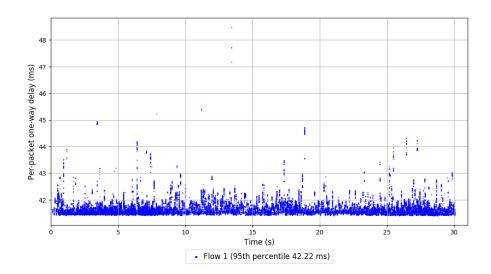
Average throughput: 10.44 Mbit/s

95th percentile per-packet one-way delay: 42.219 ms

Loss rate: 0.50%

Run 2: Report of TCP Vegas — Data Link





Run 3: Statistics of TCP Vegas

Start at: 2021-03-08 04:47:51 End at: 2021-03-08 04:48:21

Below is generated by plot.py at 2021-03-08 05:01:07

Datalink statistics
-- Total of 1 flow:

Average throughput: 10.43 Mbit/s

95th percentile per-packet one-way delay: 41.834 ms

Loss rate: 0.26%

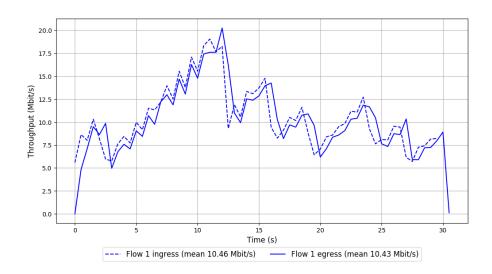
-- Flow 1:

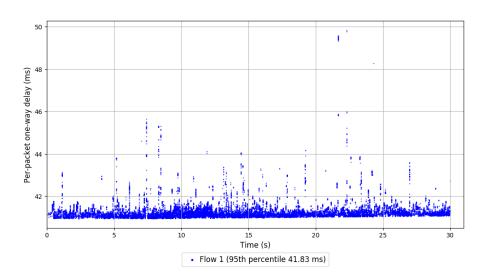
Average throughput: 10.43 Mbit/s

95th percentile per-packet one-way delay: 41.834 ms

Loss rate: 0.26%

Run 3: Report of TCP Vegas — Data Link





Run 1: Statistics of PCC-Vivace

Start at: 2021-03-08 04:28:00 End at: 2021-03-08 04:28:30

Below is generated by plot.py at 2021-03-08 05:01:07

Datalink statistics
-- Total of 1 flow:

Average throughput: 105.29 Mbit/s

95th percentile per-packet one-way delay: 42.282 ms

Loss rate: 0.90%

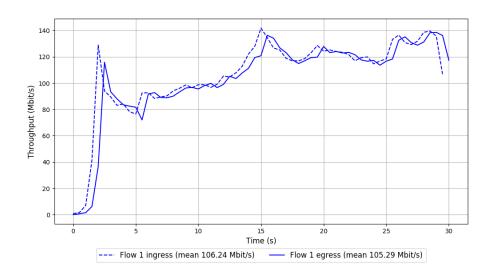
-- Flow 1:

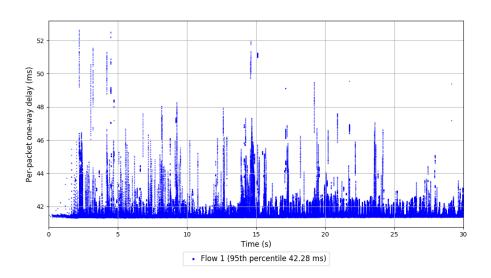
Average throughput: 105.29 Mbit/s

95th percentile per-packet one-way delay: 42.282 ms

Loss rate: 0.90%

Run 1: Report of PCC-Vivace — Data Link





Run 2: Statistics of PCC-Vivace

Start at: 2021-03-08 04:37:09 End at: 2021-03-08 04:37:39

Below is generated by plot.py at 2021-03-08 05:01:30

Datalink statistics
-- Total of 1 flow:

Average throughput: 187.10 Mbit/s

95th percentile per-packet one-way delay: 41.899 ms

Loss rate: 0.57%

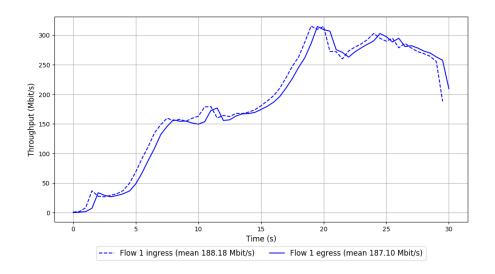
-- Flow 1:

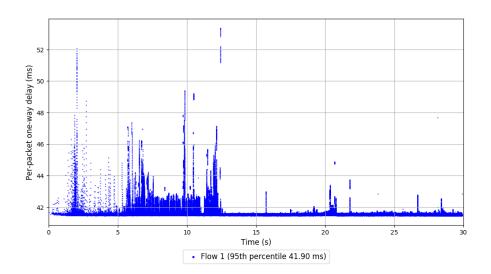
Average throughput: 187.10 Mbit/s

95th percentile per-packet one-way delay: 41.899 ms

Loss rate: 0.57%

Run 2: Report of PCC-Vivace — Data Link





Run 3: Statistics of PCC-Vivace

Start at: 2021-03-08 04:46:21 End at: 2021-03-08 04:46:51

Below is generated by plot.py at 2021-03-08 05:01:30

Datalink statistics
-- Total of 1 flow:

Average throughput: 77.30 Mbit/s

95th percentile per-packet one-way delay: 43.085 ms

Loss rate: 2.19%

-- Flow 1:

Average throughput: 77.30 Mbit/s

95th percentile per-packet one-way delay: 43.085 ms

Loss rate: 2.19%

Run 3: Report of PCC-Vivace — Data Link

