

Pantheon Report

Generated at 2018-07-10 15:52:11 (UTC).

Data path: Brazil Ethernet (*remote*) → AWS Brazil 1 Ethernet (*local*).

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

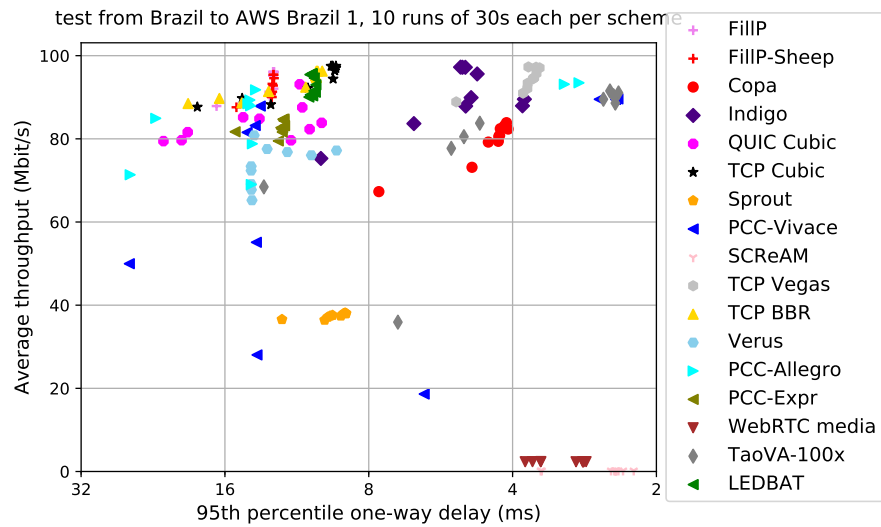
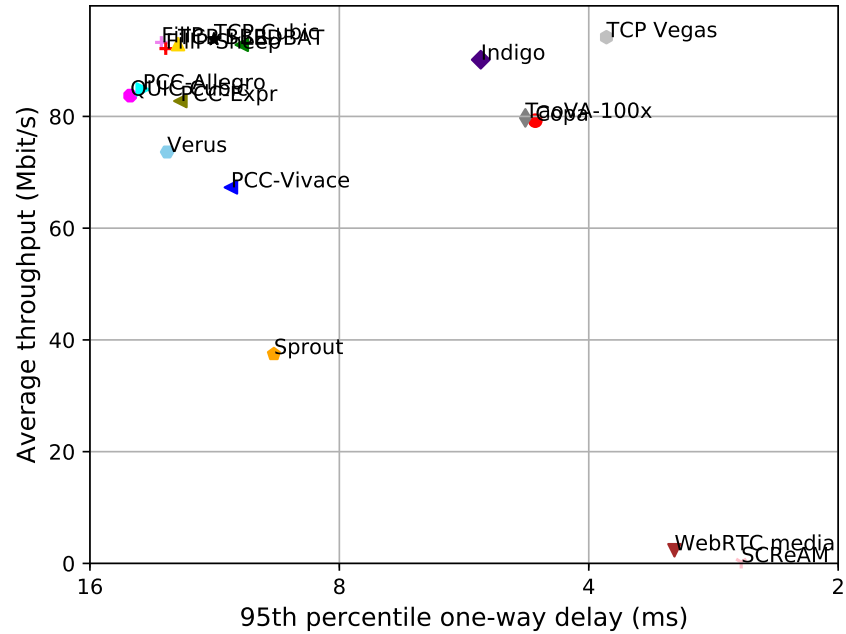
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

NTP offsets were measured against `gps.ntp.br` and have been applied to correct the timestamps in logs.

Git summary:

```
branch: master @ 9250dbeec7fb57193cdff1ba8c440b4e16ab30f0
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ 37162fe9af85249aeccac061c93e75640ef710b5
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdfe58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quirk @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
  M src/ScreamClient
  M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webRTC @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from Brazil to AWS Brazil 1, 10 runs of 30s each per scheme
(mean of all runs by scheme)



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	92.94	12.53	0.05
Copa	10	79.24	4.64	0.02
TCP Cubic	10	93.81	11.33	0.06
FillP	10	93.25	13.12	0.08
FillP-Sheep	10	92.14	12.96	0.05
Indigo	10	90.15	5.40	0.02
LEDBAT	10	92.82	10.49	0.08
PCC-Allegro	10	84.83	13.82	0.56
PCC-Expr	10	82.75	12.44	0.11
QUIC Cubic	10	83.72	14.31	0.05
SCReAM	10	0.22	2.62	0.01
Sprout	10	37.47	9.60	0.03
TaoVA-100x	10	79.74	4.77	0.02
TCP Vegas	10	94.18	3.81	0.02
Verus	10	73.63	12.91	0.03
PCC-Vivace	10	67.30	10.81	0.11
WebRTC media	10	2.35	3.15	0.02

Run 1: Statistics of TCP BBR

Start at: 2018-07-10 12:24:10

End at: 2018-07-10 12:24:40

Local clock offset: -1.023 ms

Remote clock offset: -2.12 ms

Below is generated by plot.py at 2018-07-10 15:30:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.17 Mbit/s

95th percentile per-packet one-way delay: 10.340 ms

Loss rate: 0.05%

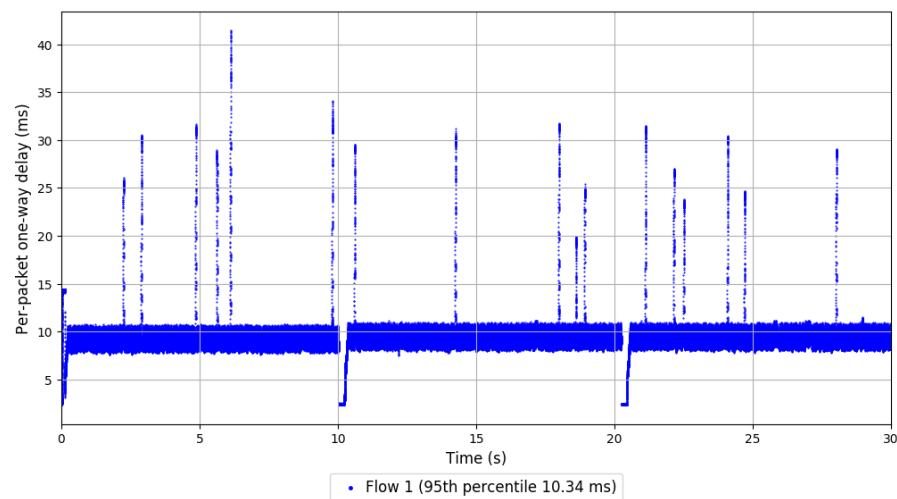
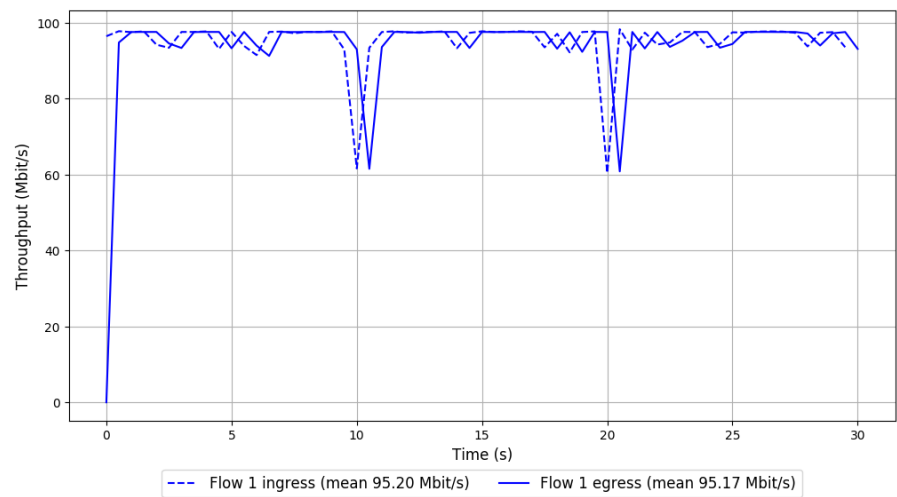
-- Flow 1:

Average throughput: 95.17 Mbit/s

95th percentile per-packet one-way delay: 10.340 ms

Loss rate: 0.05%

Run 1: Report of TCP BBR — Data Link

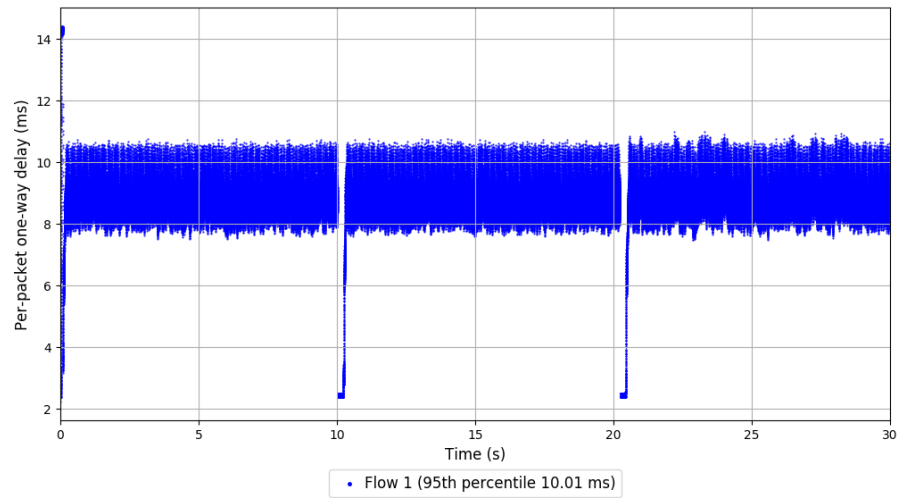
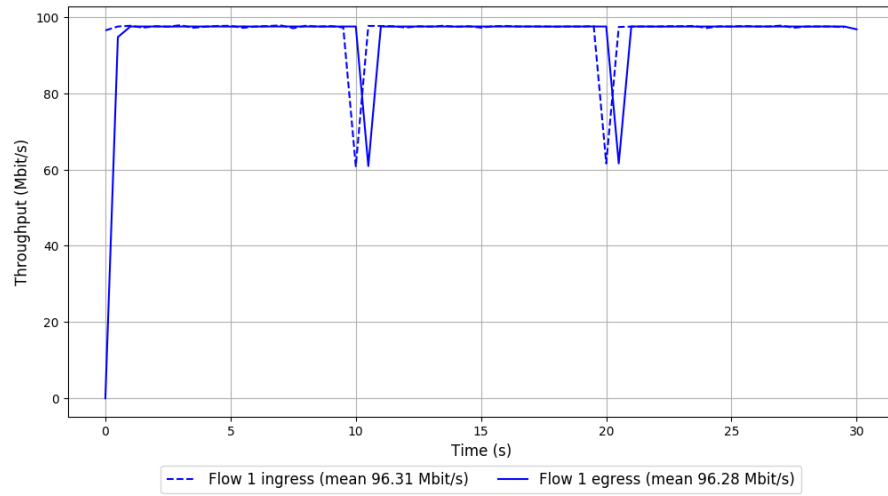


Run 2: Statistics of TCP BBR

Start at: 2018-07-10 12:43:12
End at: 2018-07-10 12:43:42
Local clock offset: -0.907 ms
Remote clock offset: -2.333 ms

Below is generated by plot.py at 2018-07-10 15:30:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 10.011 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 10.011 ms
Loss rate: 0.04%

Run 2: Report of TCP BBR — Data Link

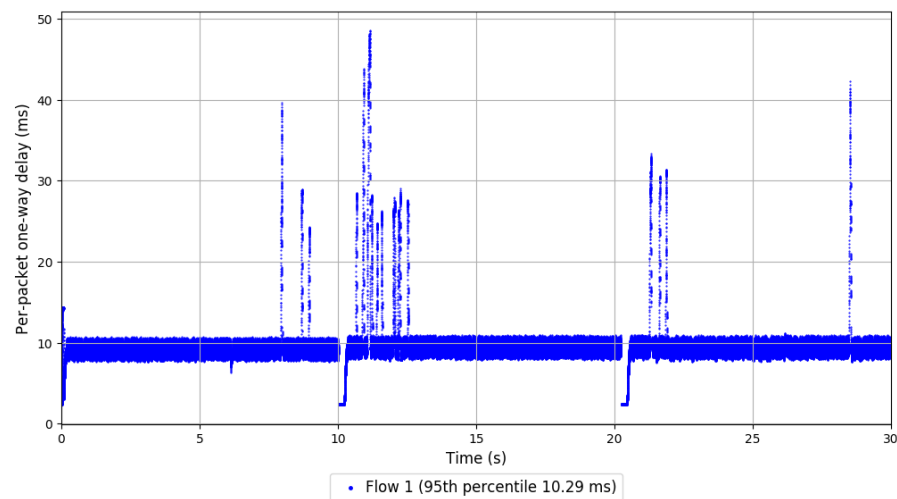
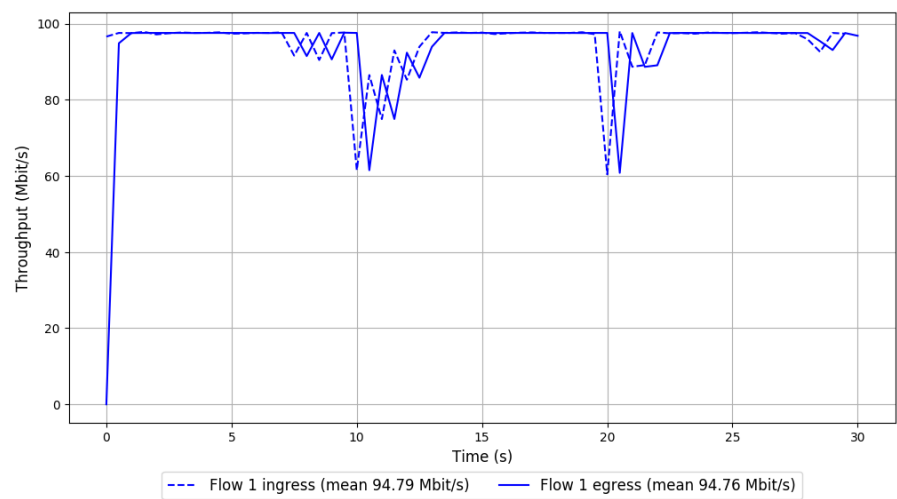


Run 3: Statistics of TCP BBR

Start at: 2018-07-10 13:02:14
End at: 2018-07-10 13:02:44
Local clock offset: -0.673 ms
Remote clock offset: -2.349 ms

Below is generated by plot.py at 2018-07-10 15:30:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.76 Mbit/s
95th percentile per-packet one-way delay: 10.295 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 94.76 Mbit/s
95th percentile per-packet one-way delay: 10.295 ms
Loss rate: 0.05%

Run 3: Report of TCP BBR — Data Link

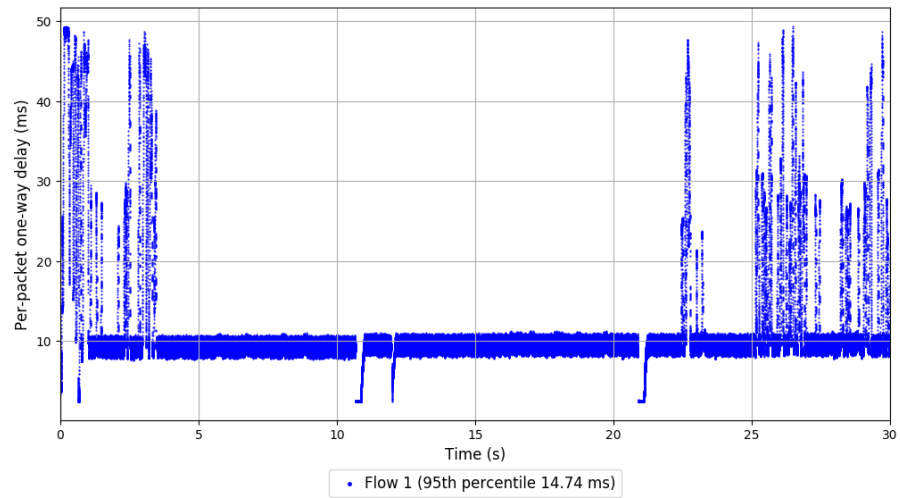
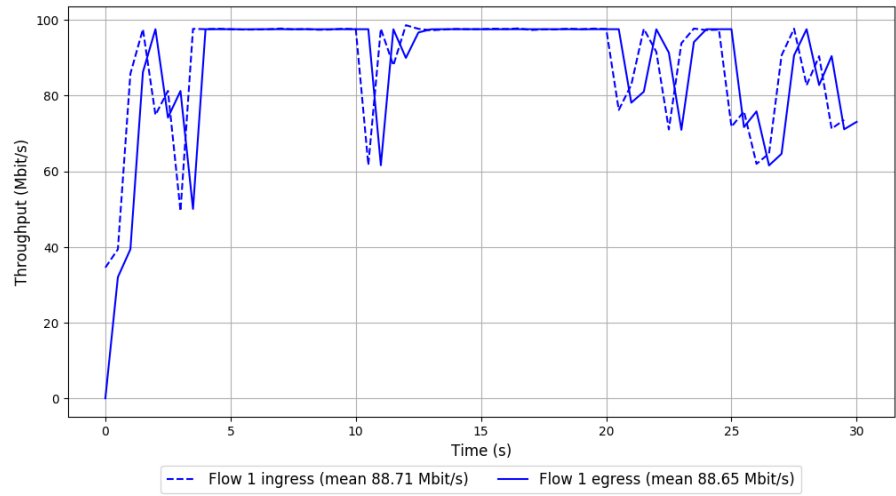


Run 4: Statistics of TCP BBR

Start at: 2018-07-10 13:21:16
End at: 2018-07-10 13:21:46
Local clock offset: -0.559 ms
Remote clock offset: -2.321 ms

Below is generated by plot.py at 2018-07-10 15:30:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.65 Mbit/s
95th percentile per-packet one-way delay: 14.744 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 88.65 Mbit/s
95th percentile per-packet one-way delay: 14.744 ms
Loss rate: 0.08%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-07-10 13:40:12

End at: 2018-07-10 13:40:42

Local clock offset: -0.42 ms

Remote clock offset: -7.59 ms

Below is generated by plot.py at 2018-07-10 15:30:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.49 Mbit/s

95th percentile per-packet one-way delay: 19.107 ms

Loss rate: 0.05%

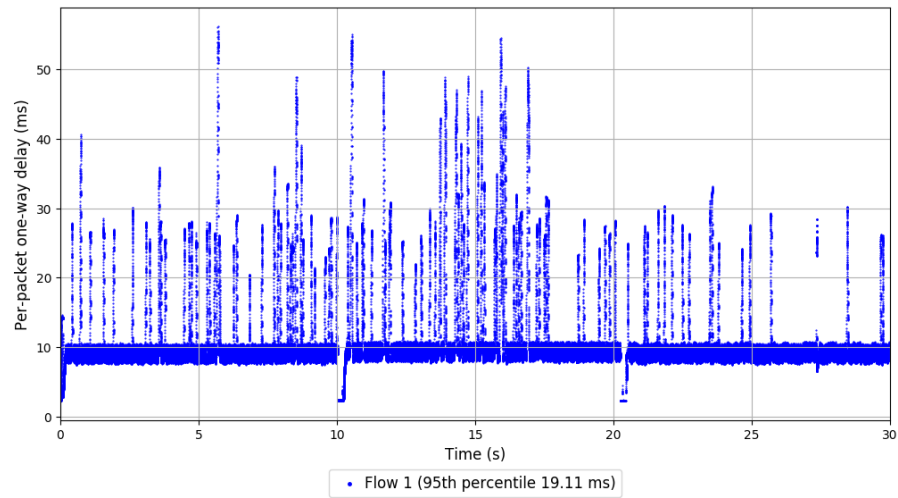
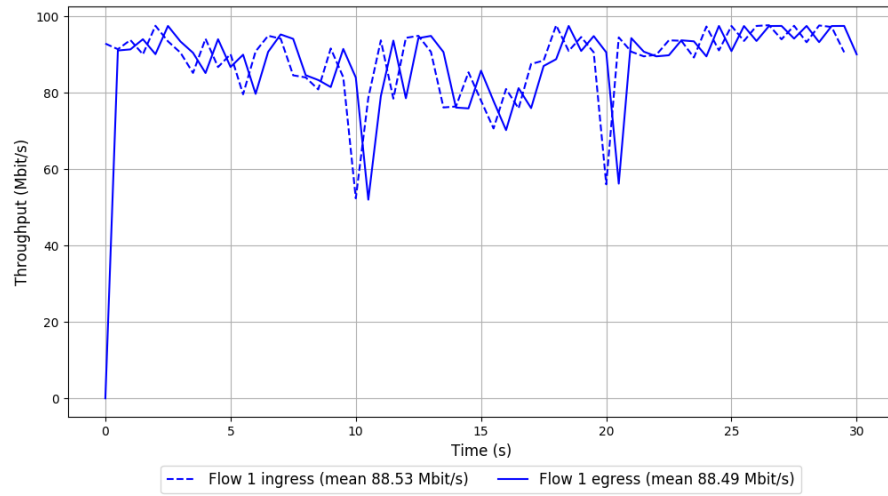
-- Flow 1:

Average throughput: 88.49 Mbit/s

95th percentile per-packet one-way delay: 19.107 ms

Loss rate: 0.05%

Run 5: Report of TCP BBR — Data Link

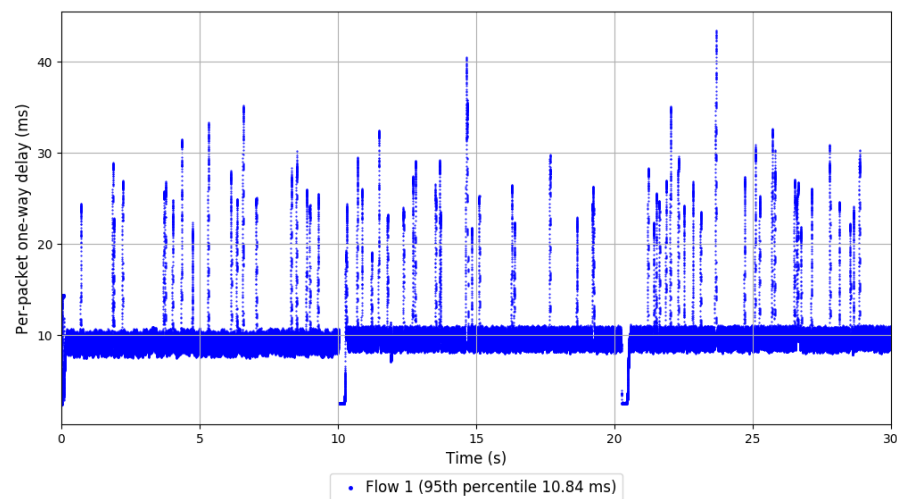
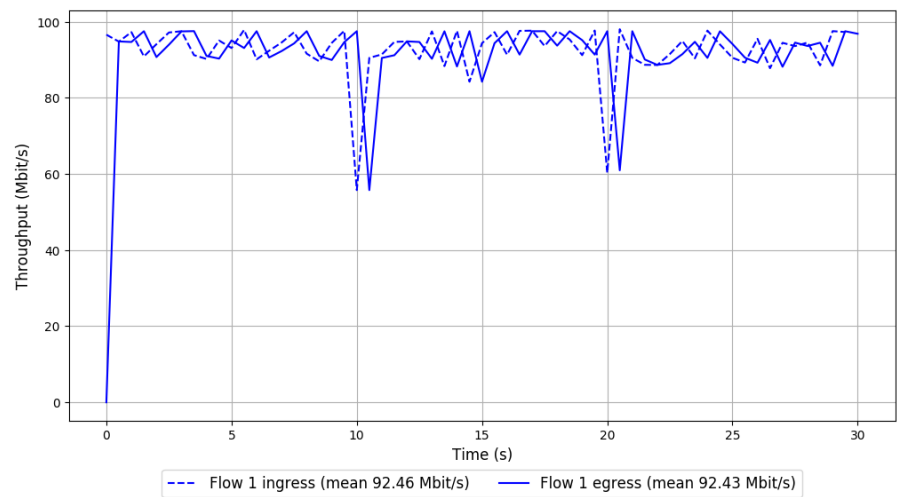


Run 6: Statistics of TCP BBR

Start at: 2018-07-10 13:59:12
End at: 2018-07-10 13:59:42
Local clock offset: -0.351 ms
Remote clock offset: -9.743 ms

Below is generated by plot.py at 2018-07-10 15:30:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.43 Mbit/s
95th percentile per-packet one-way delay: 10.839 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 92.43 Mbit/s
95th percentile per-packet one-way delay: 10.839 ms
Loss rate: 0.05%

Run 6: Report of TCP BBR — Data Link

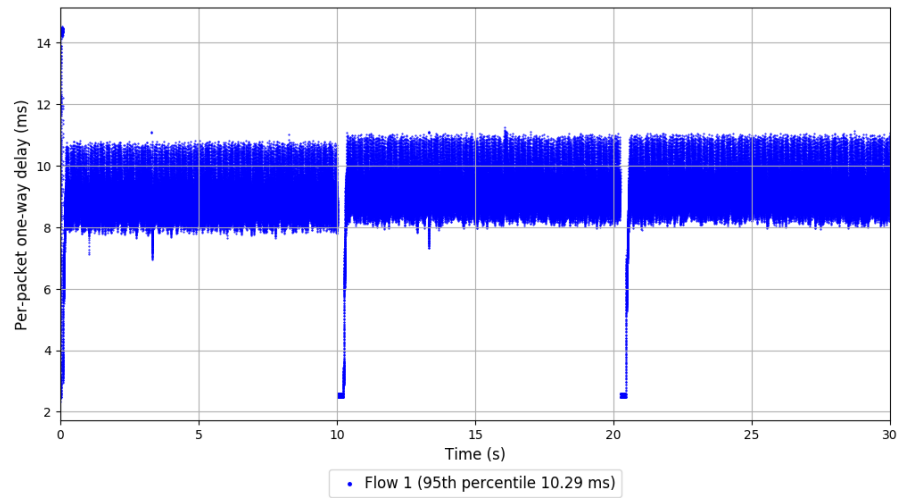
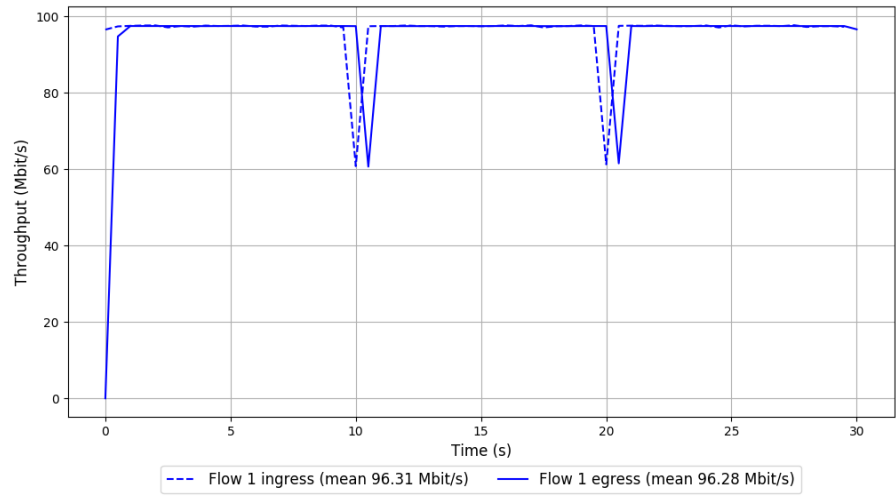


Run 7: Statistics of TCP BBR

Start at: 2018-07-10 14:18:10
End at: 2018-07-10 14:18:40
Local clock offset: -0.29 ms
Remote clock offset: -8.059 ms

Below is generated by plot.py at 2018-07-10 15:30:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 10.293 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 10.293 ms
Loss rate: 0.04%

Run 7: Report of TCP BBR — Data Link

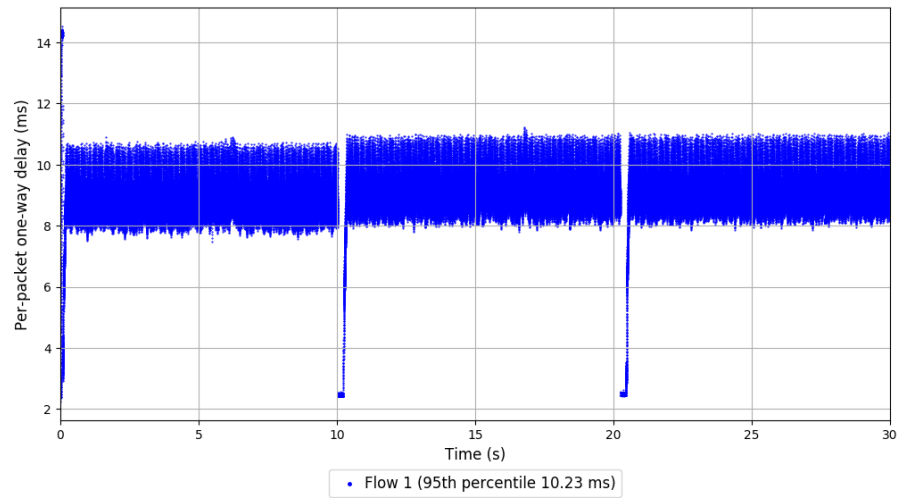
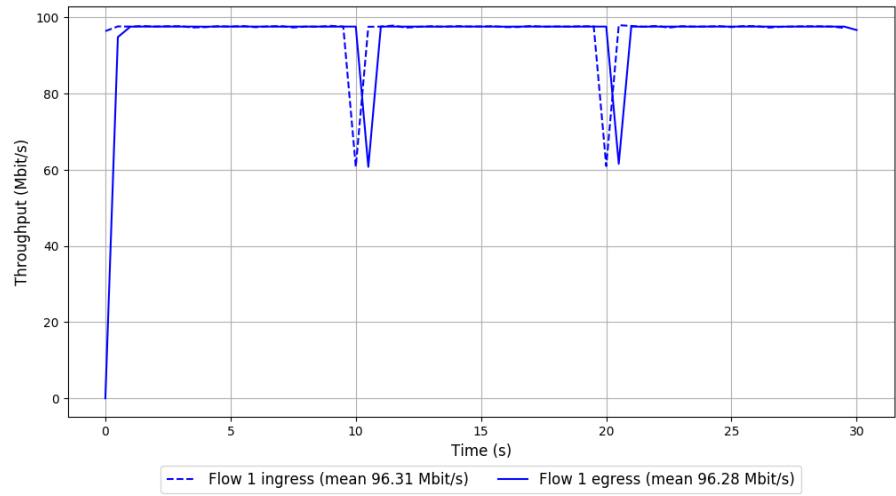


Run 8: Statistics of TCP BBR

Start at: 2018-07-10 14:37:12
End at: 2018-07-10 14:37:42
Local clock offset: -0.218 ms
Remote clock offset: -7.643 ms

Below is generated by plot.py at 2018-07-10 15:30:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 10.232 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 96.28 Mbit/s
95th percentile per-packet one-way delay: 10.232 ms
Loss rate: 0.05%

Run 8: Report of TCP BBR — Data Link

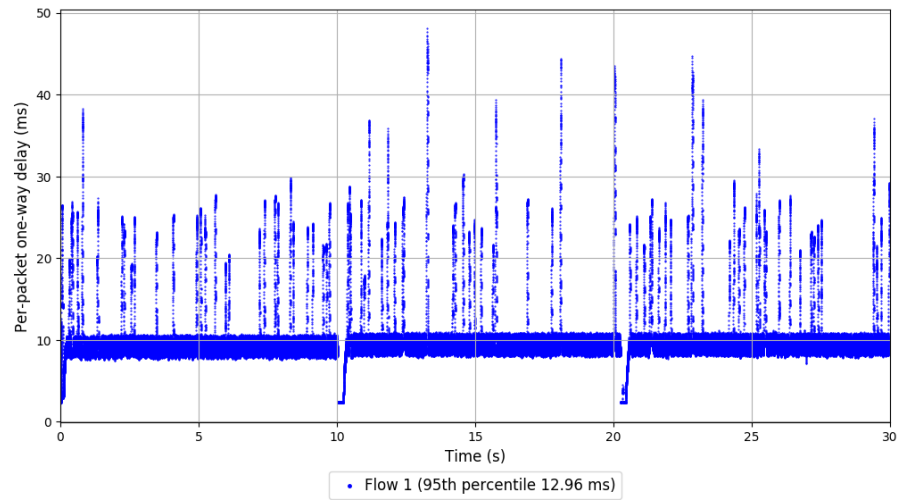
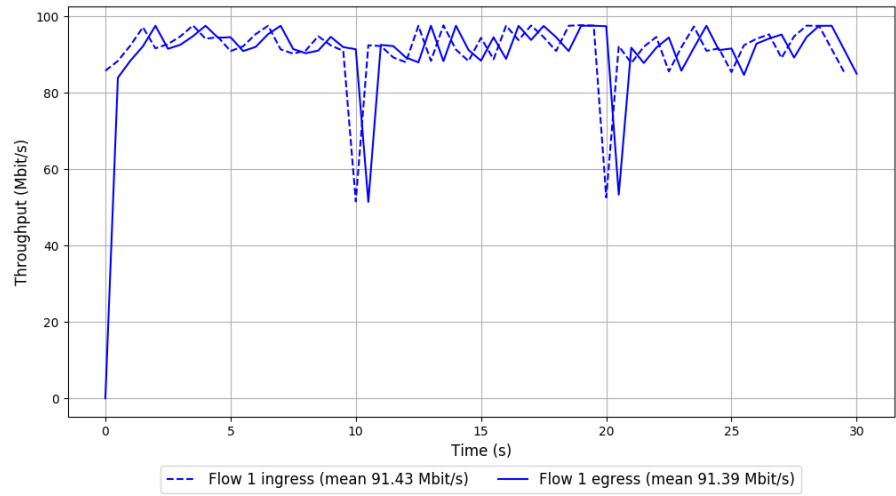


Run 9: Statistics of TCP BBR

Start at: 2018-07-10 14:56:10
End at: 2018-07-10 14:56:40
Local clock offset: -0.315 ms
Remote clock offset: -6.914 ms

Below is generated by plot.py at 2018-07-10 15:30:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.39 Mbit/s
95th percentile per-packet one-way delay: 12.965 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 91.39 Mbit/s
95th percentile per-packet one-way delay: 12.965 ms
Loss rate: 0.05%

Run 9: Report of TCP BBR — Data Link

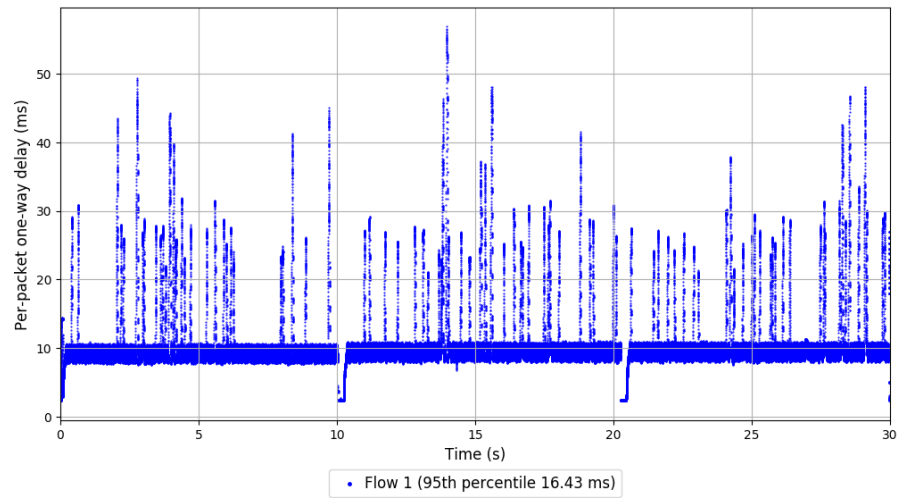
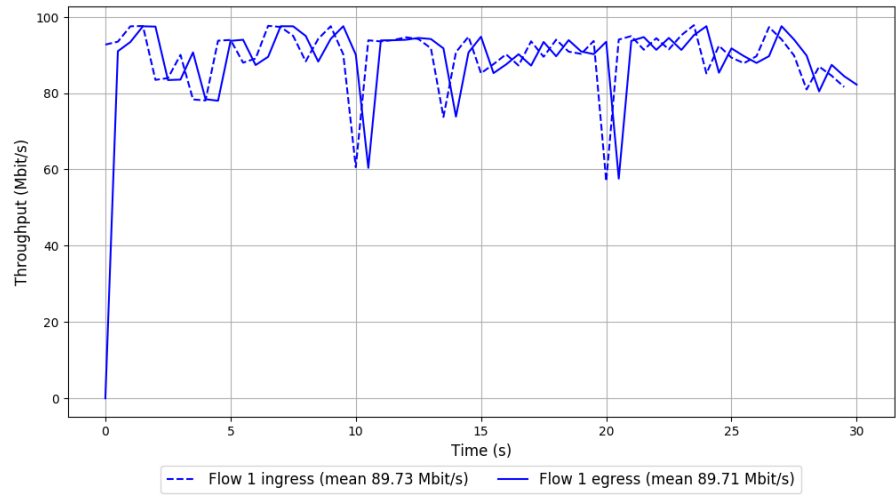


Run 10: Statistics of TCP BBR

Start at: 2018-07-10 15:15:09
End at: 2018-07-10 15:15:39
Local clock offset: -0.534 ms
Remote clock offset: -6.301 ms

Below is generated by plot.py at 2018-07-10 15:30:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.71 Mbit/s
95th percentile per-packet one-way delay: 16.432 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 89.71 Mbit/s
95th percentile per-packet one-way delay: 16.432 ms
Loss rate: 0.04%

Run 10: Report of TCP BBR — Data Link

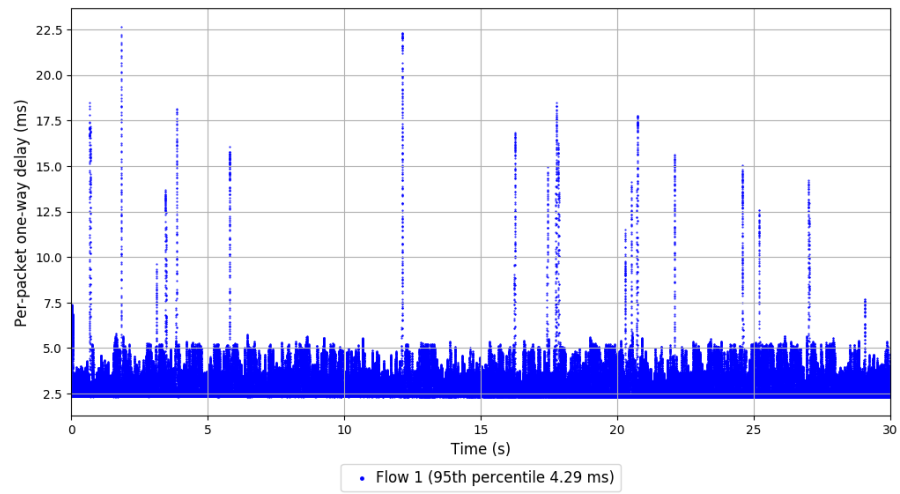
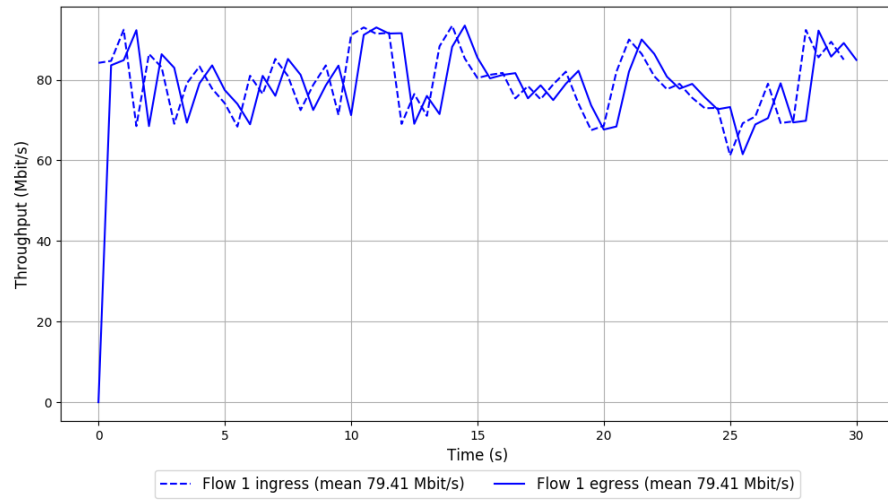


Run 1: Statistics of Copa

Start at: 2018-07-10 12:26:24
End at: 2018-07-10 12:26:54
Local clock offset: -1.077 ms
Remote clock offset: -2.232 ms

Below is generated by plot.py at 2018-07-10 15:31:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.41 Mbit/s
95th percentile per-packet one-way delay: 4.285 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 79.41 Mbit/s
95th percentile per-packet one-way delay: 4.285 ms
Loss rate: 0.02%

Run 1: Report of Copa — Data Link

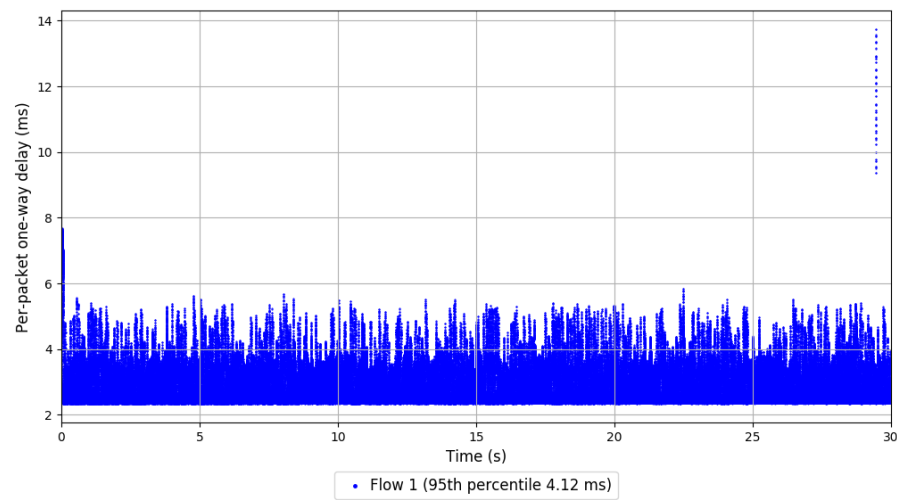
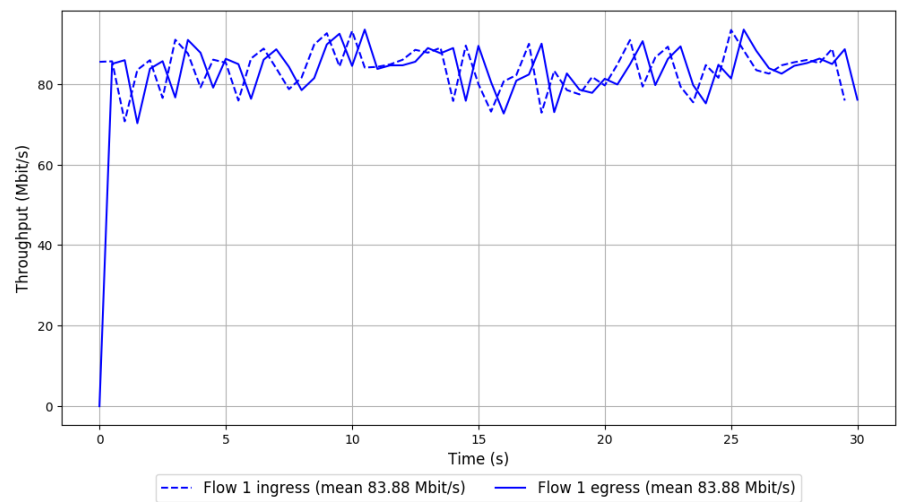


Run 2: Statistics of Copa

Start at: 2018-07-10 12:45:26
End at: 2018-07-10 12:45:56
Local clock offset: -0.831 ms
Remote clock offset: -2.204 ms

Below is generated by plot.py at 2018-07-10 15:31:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.88 Mbit/s
95th percentile per-packet one-way delay: 4.119 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 83.88 Mbit/s
95th percentile per-packet one-way delay: 4.119 ms
Loss rate: 0.01%

Run 2: Report of Copa — Data Link

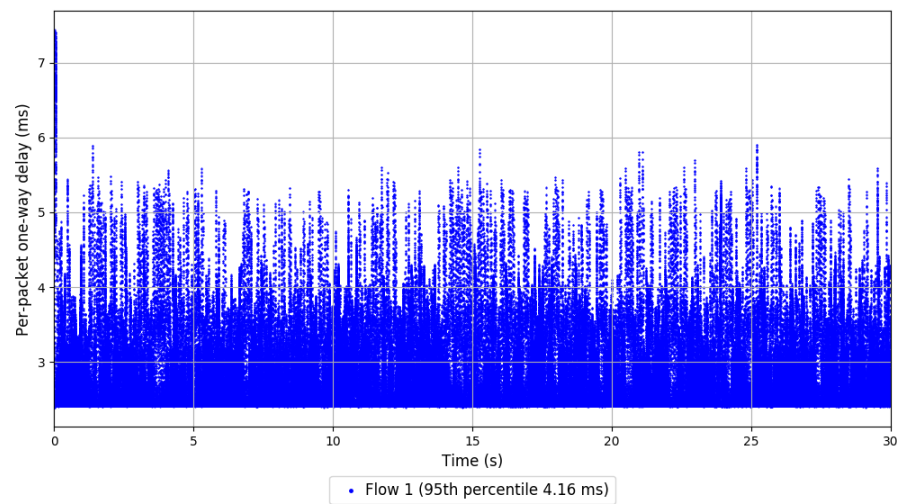
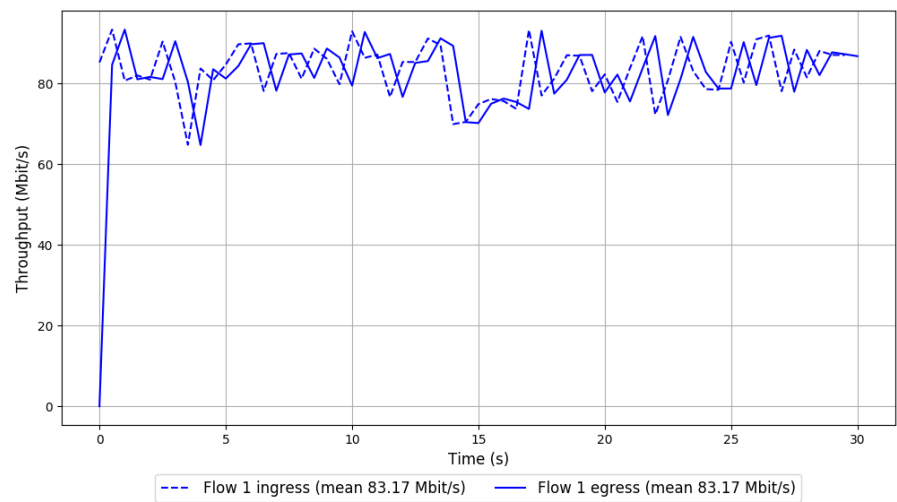


Run 3: Statistics of Copa

Start at: 2018-07-10 13:04:28
End at: 2018-07-10 13:04:58
Local clock offset: -0.663 ms
Remote clock offset: -2.407 ms

Below is generated by plot.py at 2018-07-10 15:31:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.17 Mbit/s
95th percentile per-packet one-way delay: 4.158 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 83.17 Mbit/s
95th percentile per-packet one-way delay: 4.158 ms
Loss rate: 0.01%

Run 3: Report of Copa — Data Link

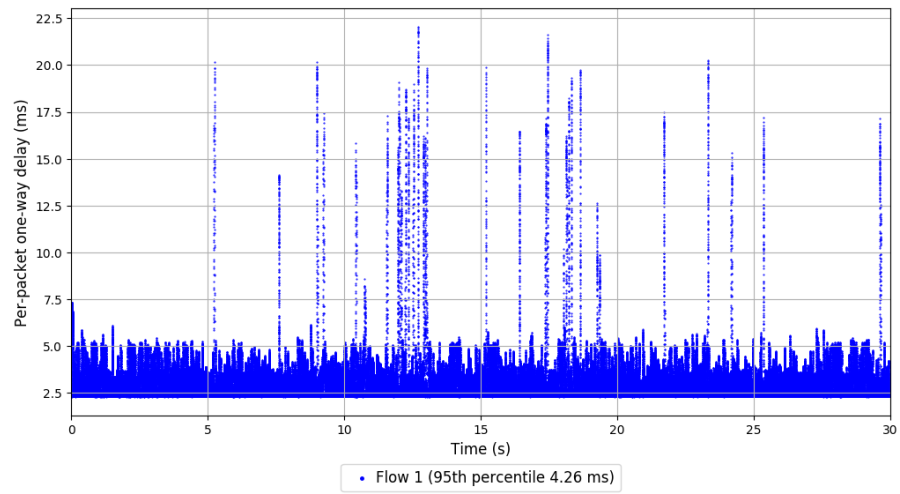
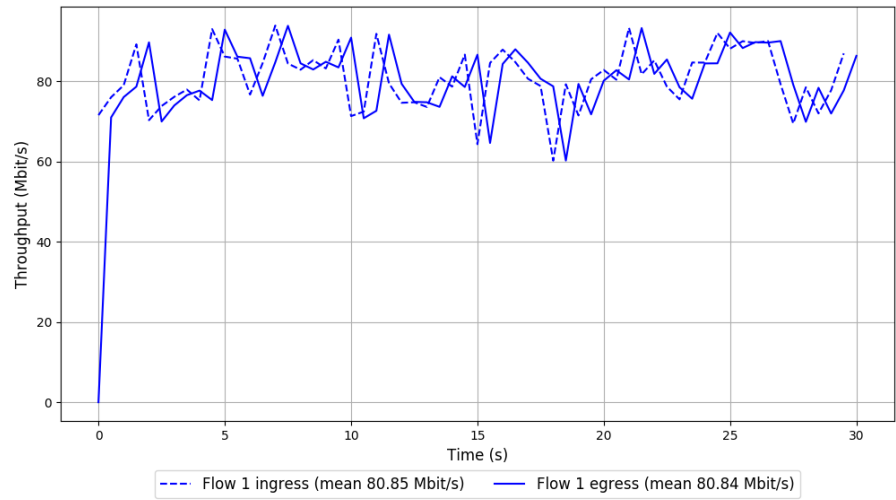


Run 4: Statistics of Copa

Start at: 2018-07-10 13:23:30
End at: 2018-07-10 13:24:00
Local clock offset: -0.556 ms
Remote clock offset: -2.169 ms

Below is generated by plot.py at 2018-07-10 15:31:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.84 Mbit/s
95th percentile per-packet one-way delay: 4.258 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 80.84 Mbit/s
95th percentile per-packet one-way delay: 4.258 ms
Loss rate: 0.02%

Run 4: Report of Copa — Data Link

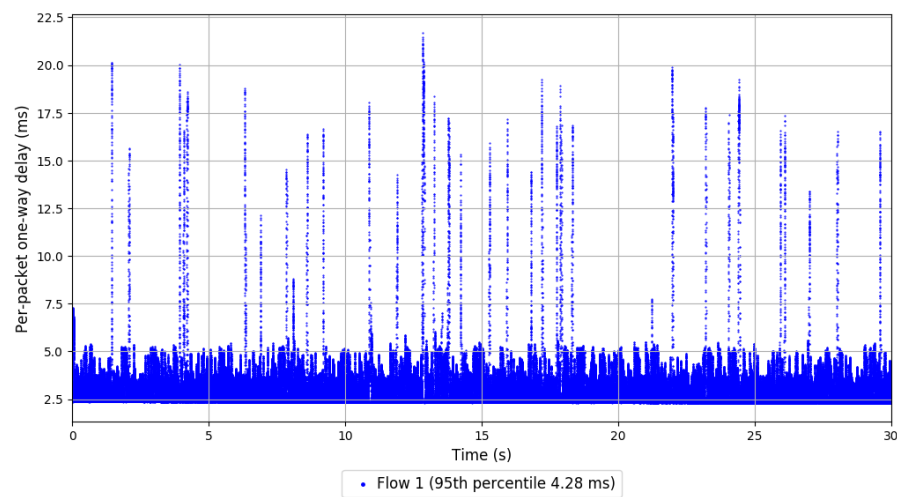
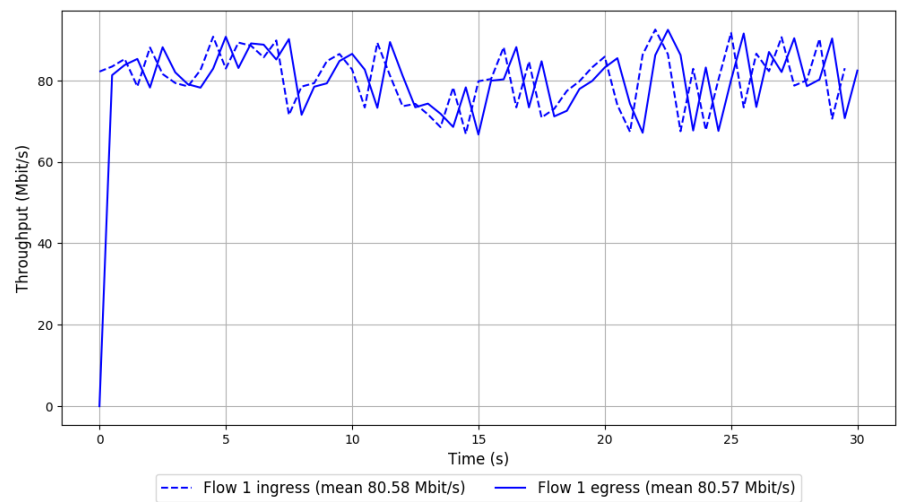


Run 5: Statistics of Copa

Start at: 2018-07-10 13:42:27
End at: 2018-07-10 13:42:57
Local clock offset: -0.402 ms
Remote clock offset: -8.013 ms

Below is generated by plot.py at 2018-07-10 15:31:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.57 Mbit/s
95th percentile per-packet one-way delay: 4.275 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 80.57 Mbit/s
95th percentile per-packet one-way delay: 4.275 ms
Loss rate: 0.02%

Run 5: Report of Copa — Data Link

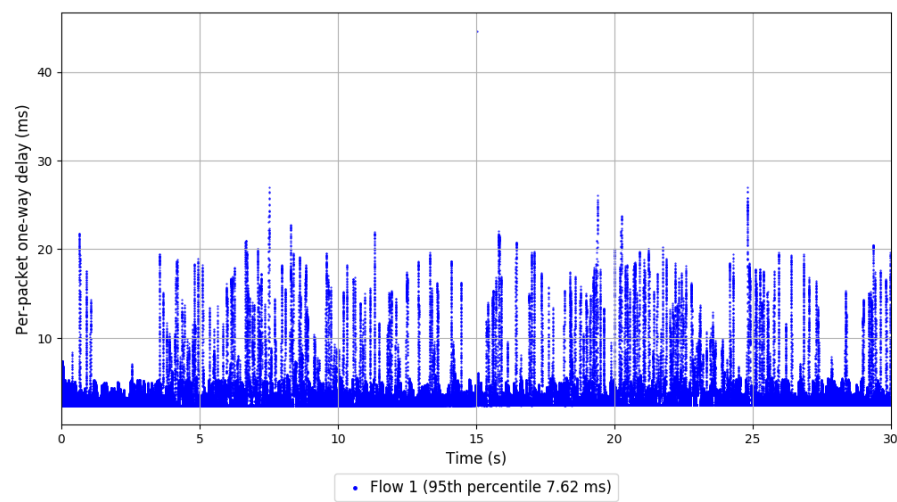
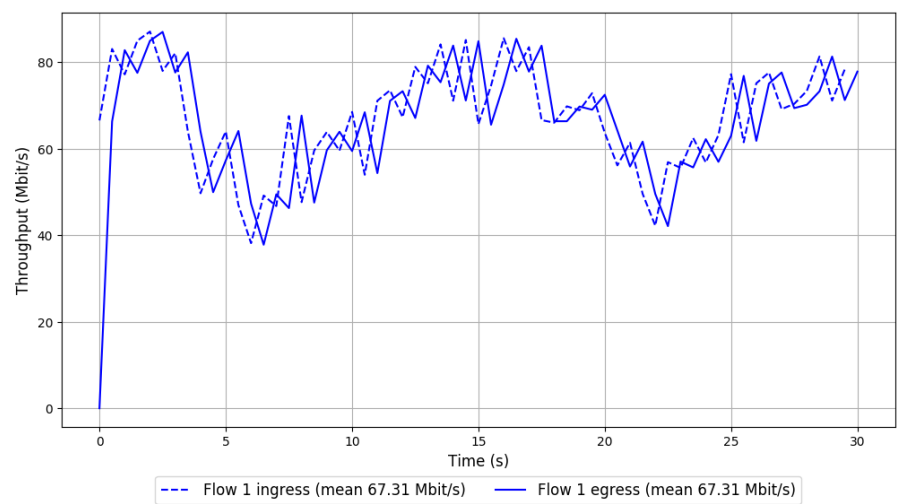


Run 6: Statistics of Copa

Start at: 2018-07-10 14:01:26
End at: 2018-07-10 14:01:56
Local clock offset: -0.348 ms
Remote clock offset: -9.126 ms

Below is generated by plot.py at 2018-07-10 15:31:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.31 Mbit/s
95th percentile per-packet one-way delay: 7.620 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 67.31 Mbit/s
95th percentile per-packet one-way delay: 7.620 ms
Loss rate: 0.02%

Run 6: Report of Copa — Data Link

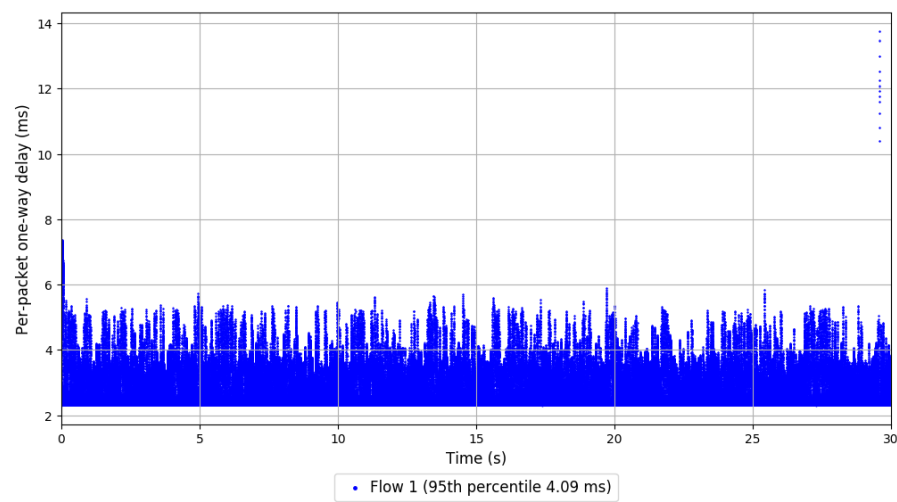
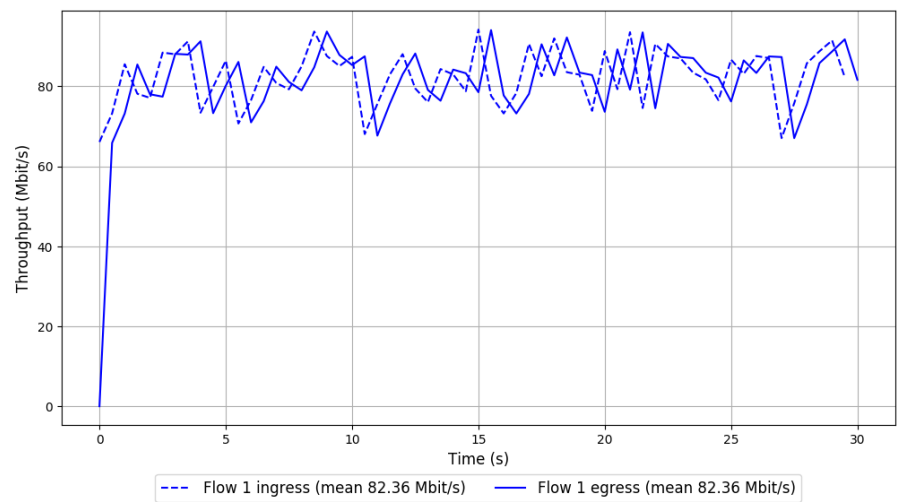


Run 7: Statistics of Copa

Start at: 2018-07-10 14:20:24
End at: 2018-07-10 14:20:54
Local clock offset: -0.257 ms
Remote clock offset: -7.913 ms

Below is generated by plot.py at 2018-07-10 15:32:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.36 Mbit/s
95th percentile per-packet one-way delay: 4.086 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 82.36 Mbit/s
95th percentile per-packet one-way delay: 4.086 ms
Loss rate: 0.02%

Run 7: Report of Copa — Data Link

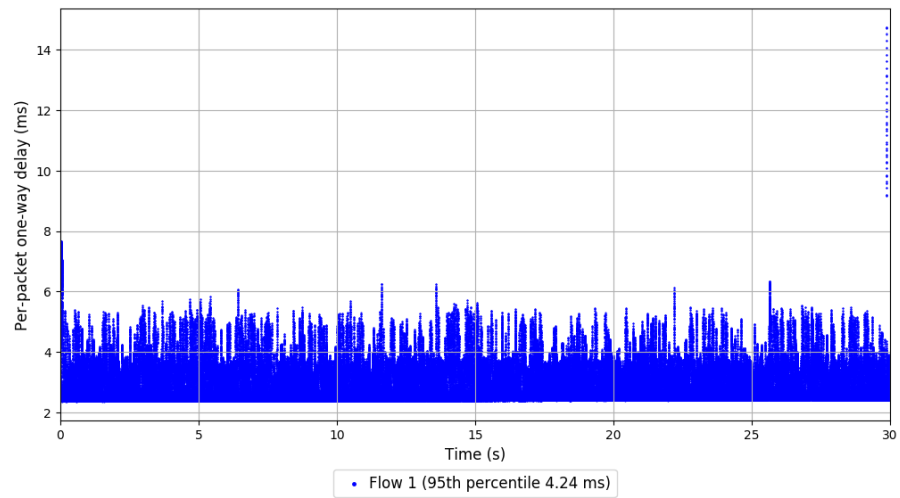
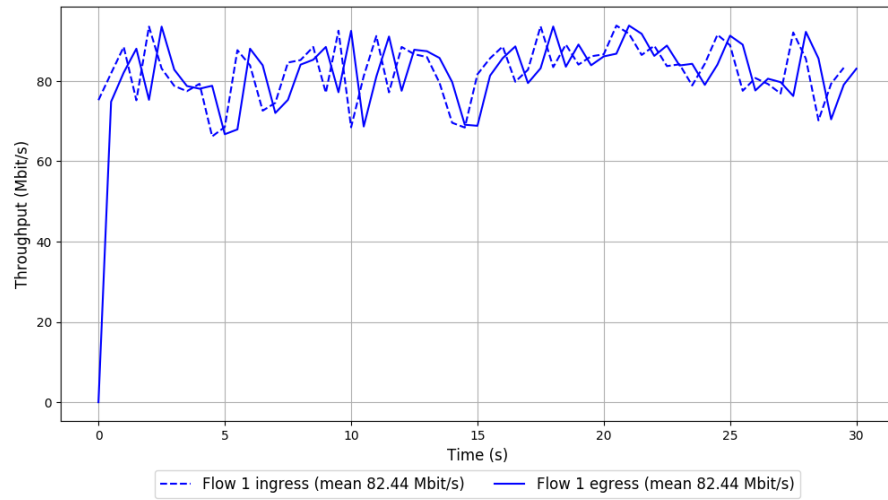


Run 8: Statistics of Copa

Start at: 2018-07-10 14:39:27
End at: 2018-07-10 14:39:57
Local clock offset: -0.302 ms
Remote clock offset: -7.481 ms

Below is generated by plot.py at 2018-07-10 15:33:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.44 Mbit/s
95th percentile per-packet one-way delay: 4.244 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 82.44 Mbit/s
95th percentile per-packet one-way delay: 4.244 ms
Loss rate: 0.02%

Run 8: Report of Copa — Data Link

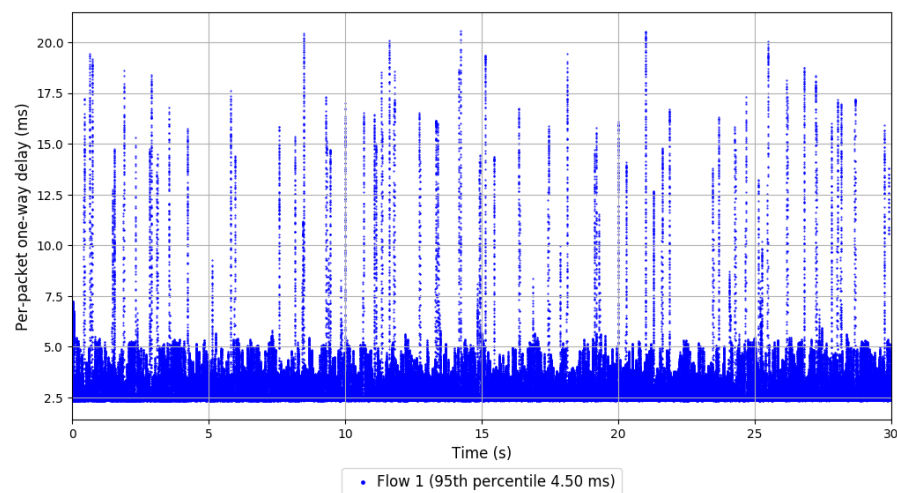
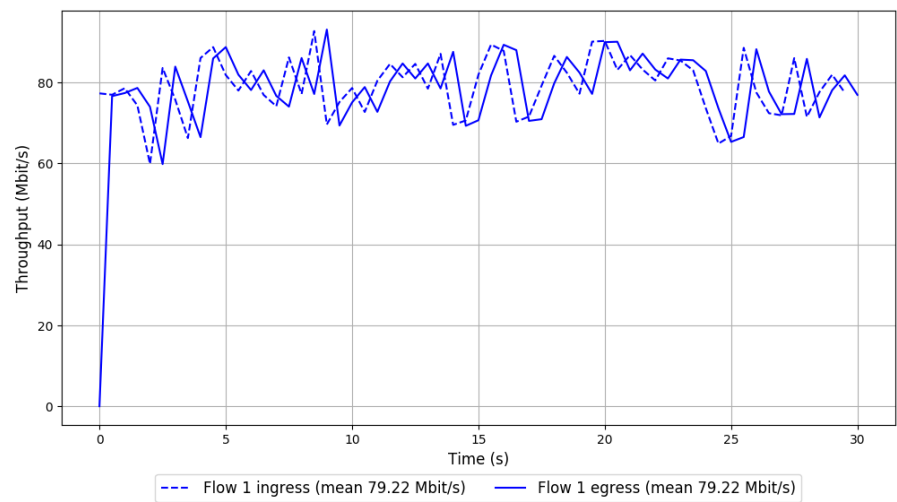


Run 9: Statistics of Copa

Start at: 2018-07-10 14:58:24
End at: 2018-07-10 14:58:54
Local clock offset: -0.327 ms
Remote clock offset: -6.907 ms

Below is generated by plot.py at 2018-07-10 15:33:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.22 Mbit/s
95th percentile per-packet one-way delay: 4.496 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 79.22 Mbit/s
95th percentile per-packet one-way delay: 4.496 ms
Loss rate: 0.02%

Run 9: Report of Copa — Data Link

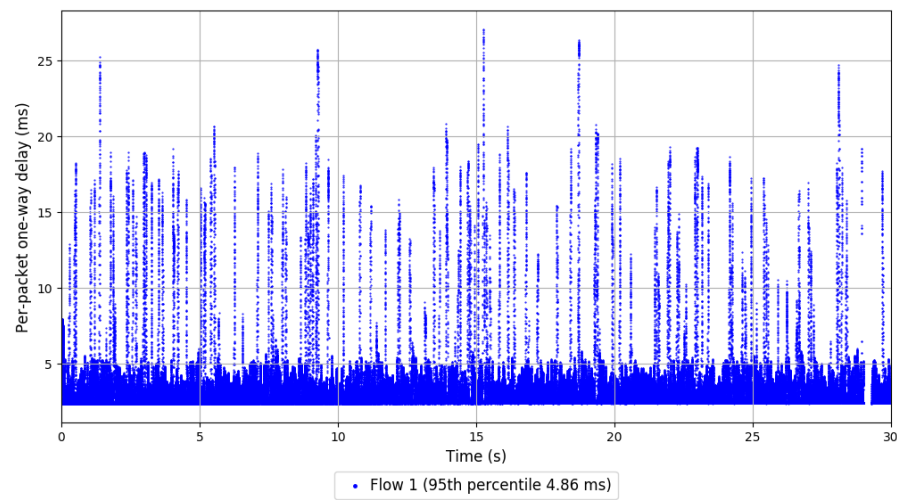
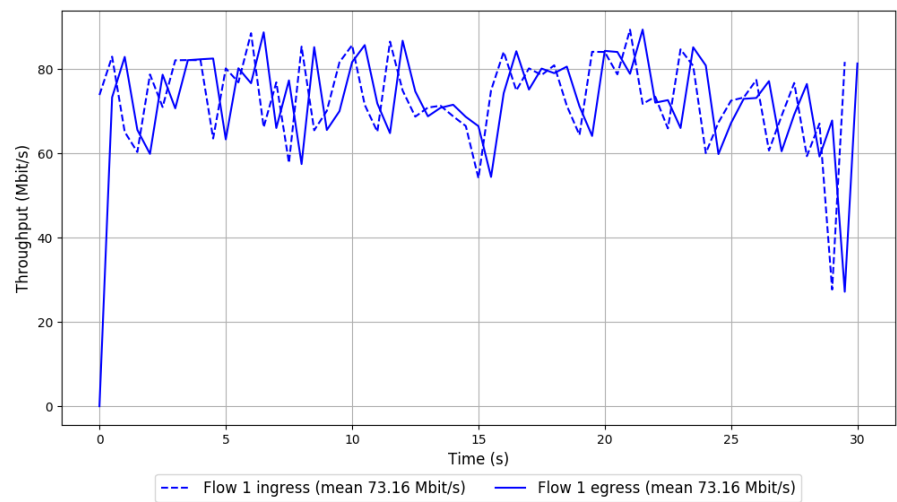


Run 10: Statistics of Copa

Start at: 2018-07-10 15:17:23
End at: 2018-07-10 15:17:53
Local clock offset: -0.544 ms
Remote clock offset: -6.154 ms

Below is generated by plot.py at 2018-07-10 15:33:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.16 Mbit/s
95th percentile per-packet one-way delay: 4.864 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 73.16 Mbit/s
95th percentile per-packet one-way delay: 4.864 ms
Loss rate: 0.02%

Run 10: Report of Copa — Data Link

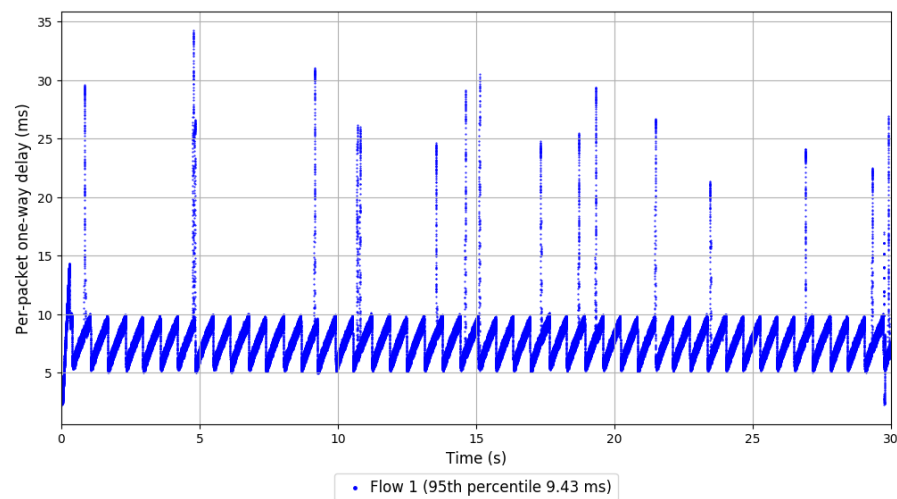
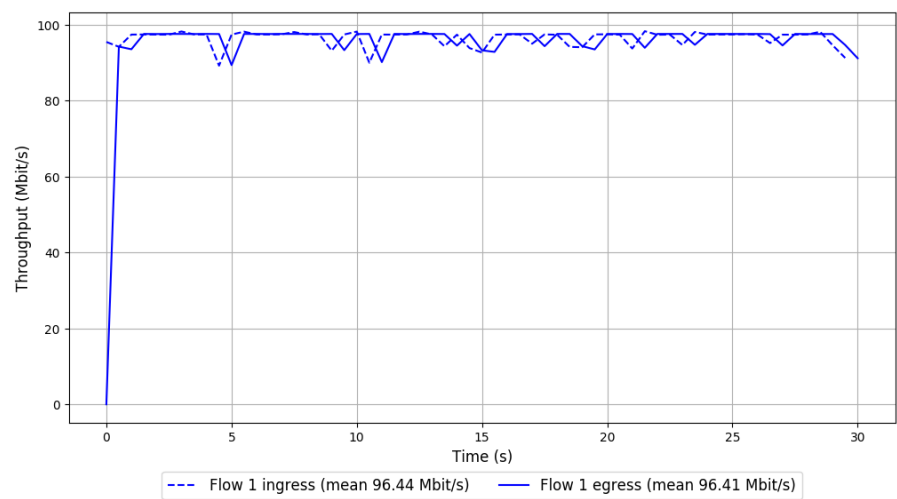


Run 1: Statistics of TCP Cubic

Start at: 2018-07-10 12:25:17
End at: 2018-07-10 12:25:47
Local clock offset: -1.027 ms
Remote clock offset: -2.117 ms

Below is generated by plot.py at 2018-07-10 15:33:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.41 Mbit/s
95th percentile per-packet one-way delay: 9.426 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 96.41 Mbit/s
95th percentile per-packet one-way delay: 9.426 ms
Loss rate: 0.05%

Run 1: Report of TCP Cubic — Data Link

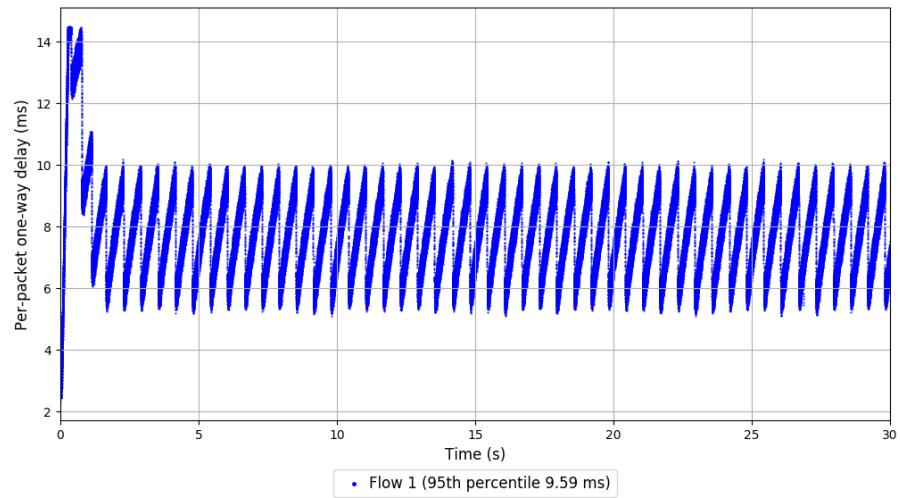
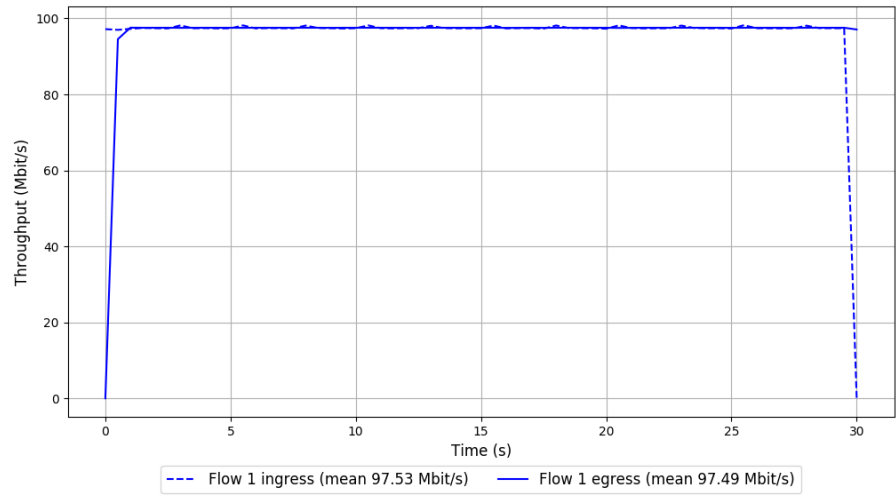


Run 2: Statistics of TCP Cubic

Start at: 2018-07-10 12:44:19
End at: 2018-07-10 12:44:49
Local clock offset: -0.846 ms
Remote clock offset: -2.335 ms

Below is generated by plot.py at 2018-07-10 15:33:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 9.591 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 9.591 ms
Loss rate: 0.05%

Run 2: Report of TCP Cubic — Data Link

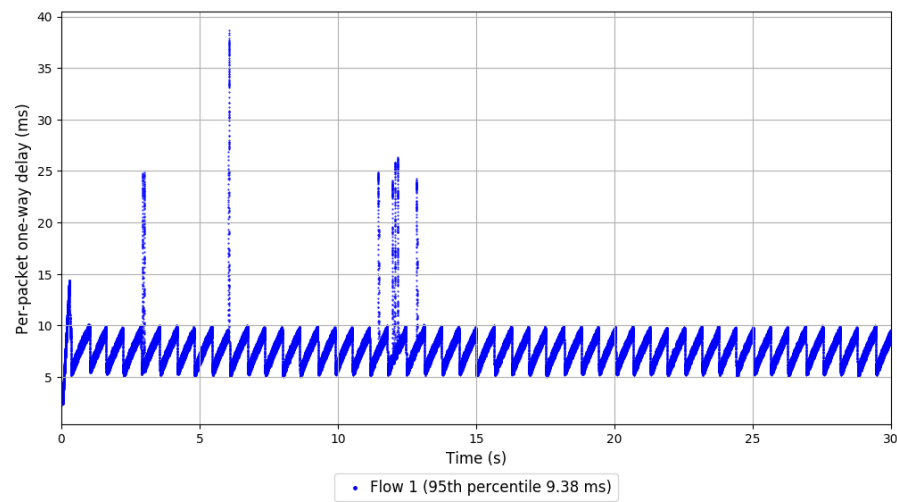
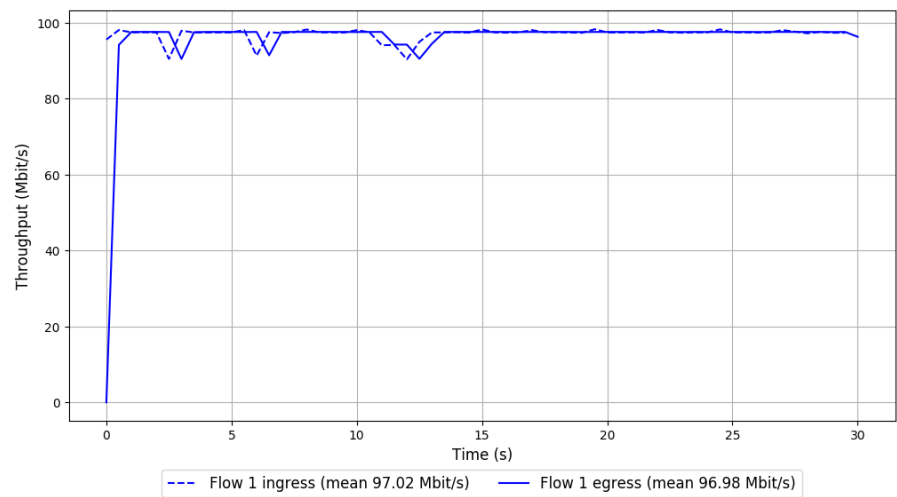


Run 3: Statistics of TCP Cubic

Start at: 2018-07-10 13:03:21
End at: 2018-07-10 13:03:51
Local clock offset: -0.675 ms
Remote clock offset: -2.343 ms

Below is generated by plot.py at 2018-07-10 15:33:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.98 Mbit/s
95th percentile per-packet one-way delay: 9.378 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 96.98 Mbit/s
95th percentile per-packet one-way delay: 9.378 ms
Loss rate: 0.06%

Run 3: Report of TCP Cubic — Data Link

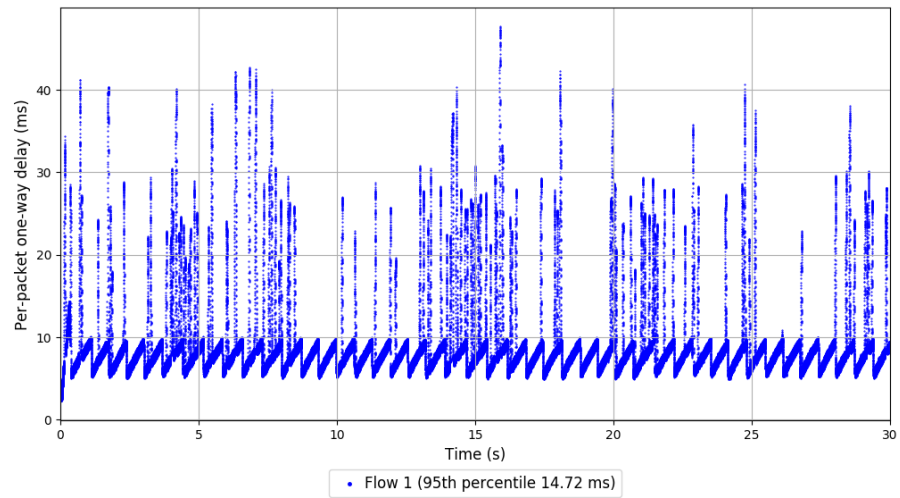
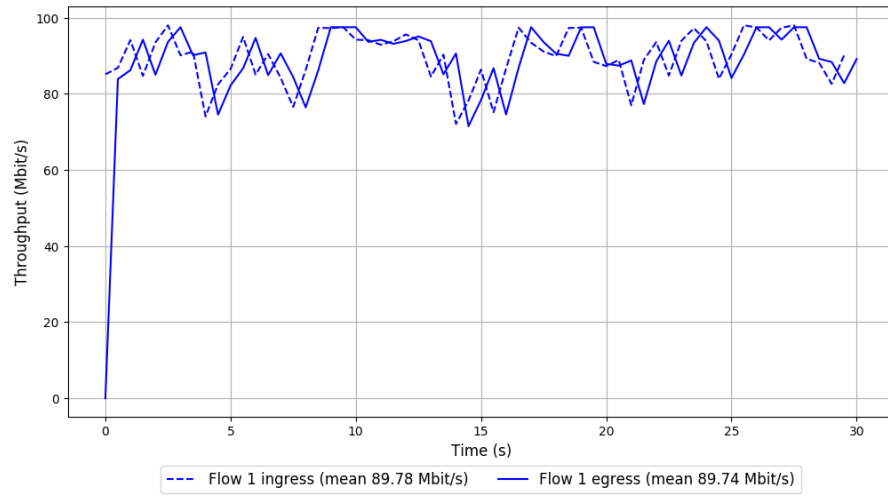


Run 4: Statistics of TCP Cubic

Start at: 2018-07-10 13:22:23
End at: 2018-07-10 13:22:53
Local clock offset: -0.556 ms
Remote clock offset: -2.185 ms

Below is generated by plot.py at 2018-07-10 15:33:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.74 Mbit/s
95th percentile per-packet one-way delay: 14.724 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 89.74 Mbit/s
95th percentile per-packet one-way delay: 14.724 ms
Loss rate: 0.06%

Run 4: Report of TCP Cubic — Data Link

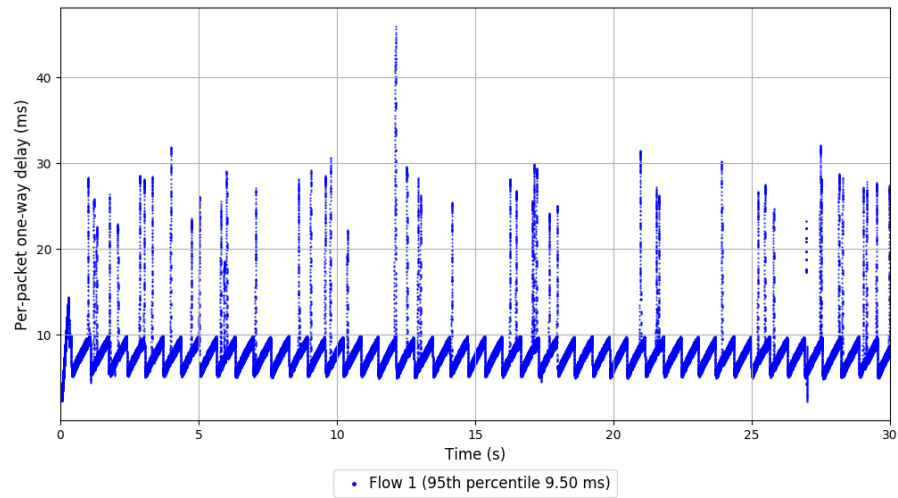
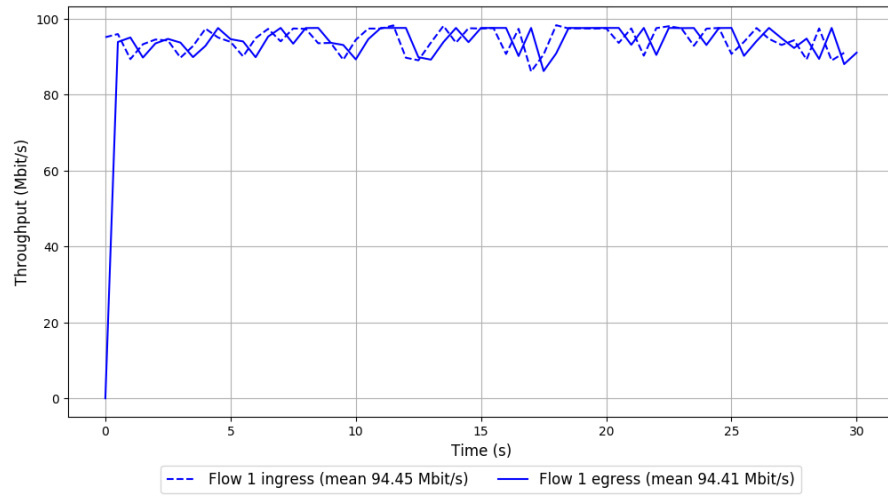


Run 5: Statistics of TCP Cubic

Start at: 2018-07-10 13:41:19
End at: 2018-07-10 13:41:49
Local clock offset: -0.406 ms
Remote clock offset: -7.818 ms

Below is generated by plot.py at 2018-07-10 15:34:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.41 Mbit/s
95th percentile per-packet one-way delay: 9.500 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 94.41 Mbit/s
95th percentile per-packet one-way delay: 9.500 ms
Loss rate: 0.06%

Run 5: Report of TCP Cubic — Data Link

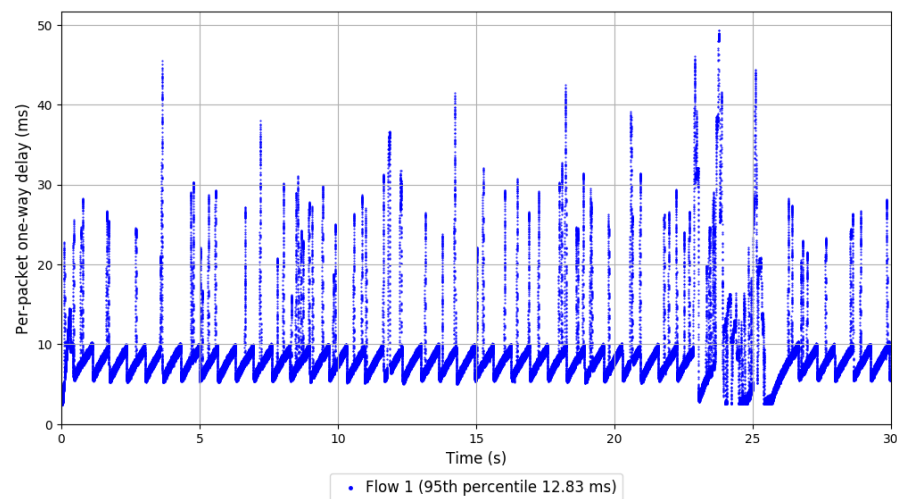
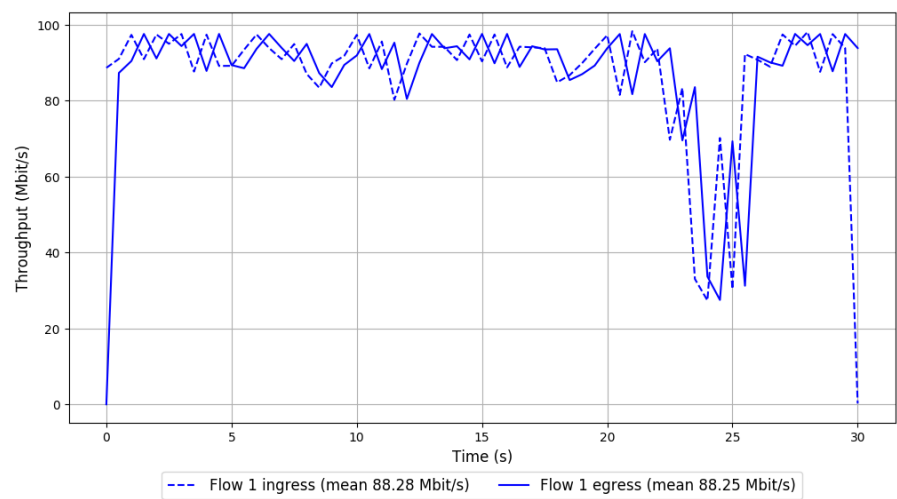


Run 6: Statistics of TCP Cubic

Start at: 2018-07-10 14:00:19
End at: 2018-07-10 14:00:49
Local clock offset: -0.352 ms
Remote clock offset: -9.472 ms

Below is generated by plot.py at 2018-07-10 15:34:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.25 Mbit/s
95th percentile per-packet one-way delay: 12.827 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 88.25 Mbit/s
95th percentile per-packet one-way delay: 12.827 ms
Loss rate: 0.05%

Run 6: Report of TCP Cubic — Data Link

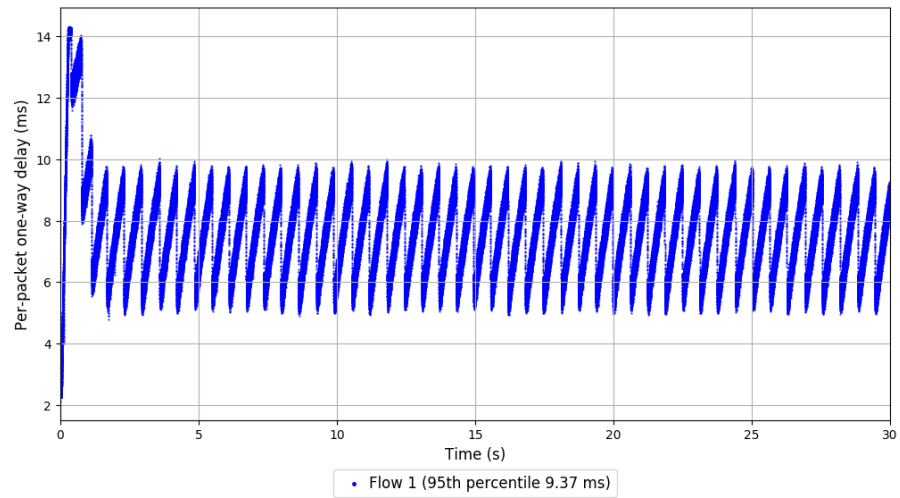
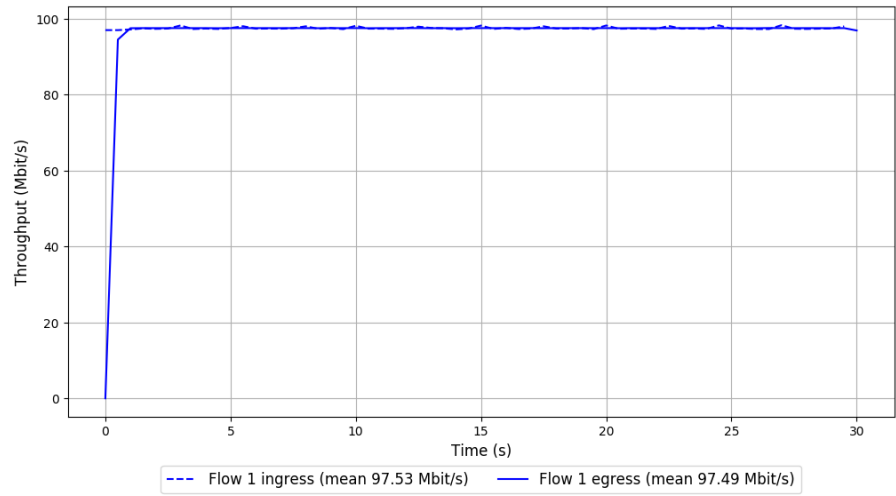


Run 7: Statistics of TCP Cubic

Start at: 2018-07-10 14:19:17
End at: 2018-07-10 14:19:47
Local clock offset: -0.327 ms
Remote clock offset: -7.906 ms

Below is generated by plot.py at 2018-07-10 15:34:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 9.373 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 9.373 ms
Loss rate: 0.06%

Run 7: Report of TCP Cubic — Data Link

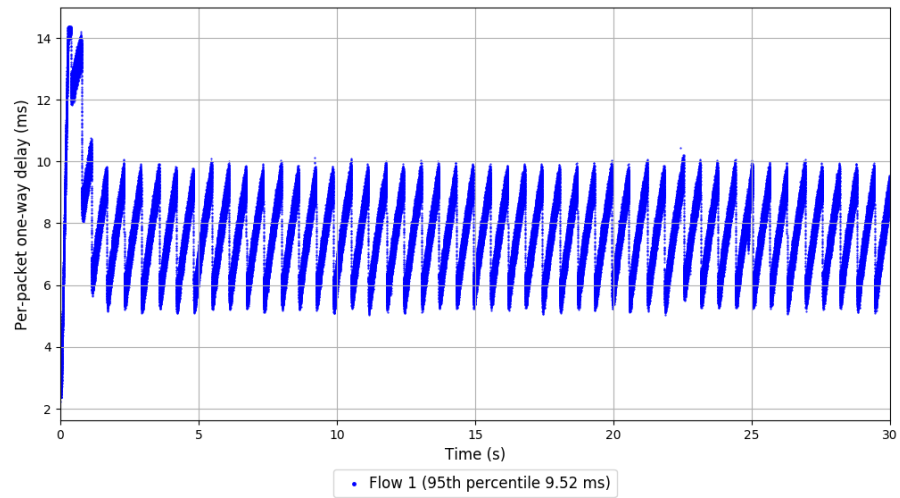
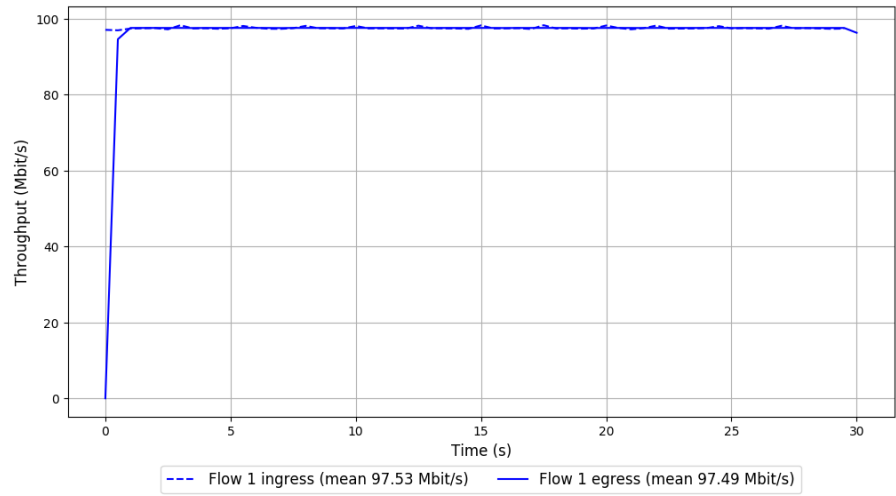


Run 8: Statistics of TCP Cubic

Start at: 2018-07-10 14:38:19
End at: 2018-07-10 14:38:49
Local clock offset: -0.242 ms
Remote clock offset: -7.515 ms

Below is generated by plot.py at 2018-07-10 15:34:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 9.518 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 9.518 ms
Loss rate: 0.06%

Run 8: Report of TCP Cubic — Data Link

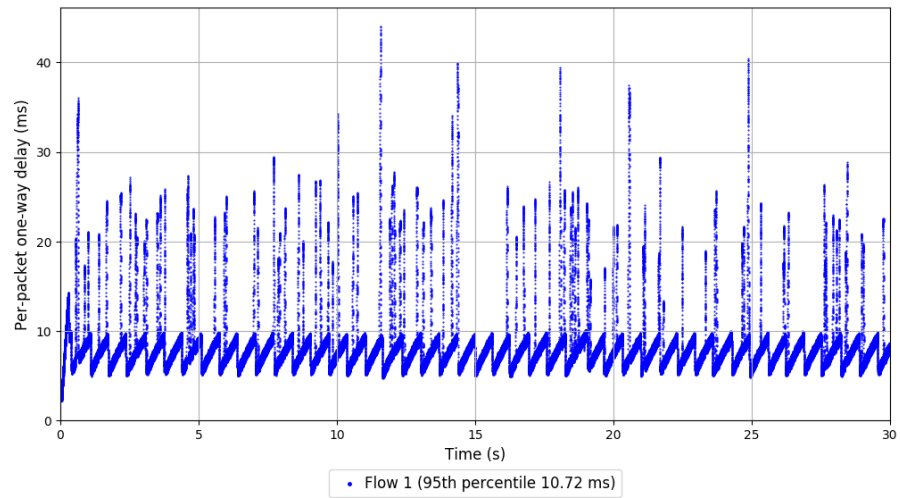
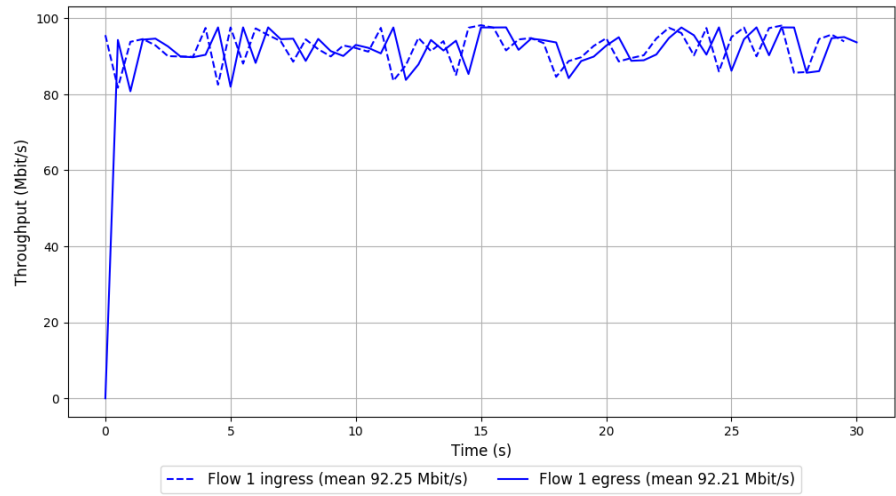


Run 9: Statistics of TCP Cubic

Start at: 2018-07-10 14:57:17
End at: 2018-07-10 14:57:47
Local clock offset: -0.376 ms
Remote clock offset: -6.887 ms

Below is generated by plot.py at 2018-07-10 15:34:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.21 Mbit/s
95th percentile per-packet one-way delay: 10.723 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 92.21 Mbit/s
95th percentile per-packet one-way delay: 10.723 ms
Loss rate: 0.06%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-07-10 15:16:16

End at: 2018-07-10 15:16:46

Local clock offset: -0.599 ms

Remote clock offset: -6.278 ms

Below is generated by plot.py at 2018-07-10 15:34:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.66 Mbit/s

95th percentile per-packet one-way delay: 18.275 ms

Loss rate: 0.06%

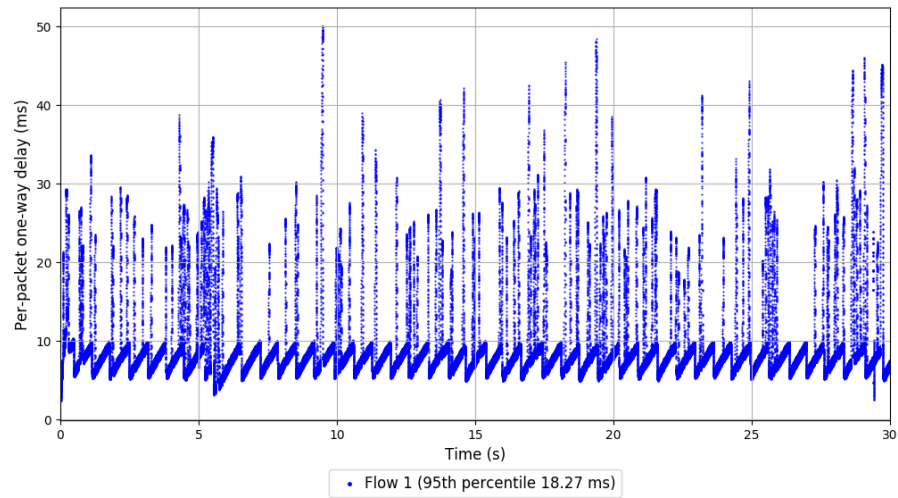
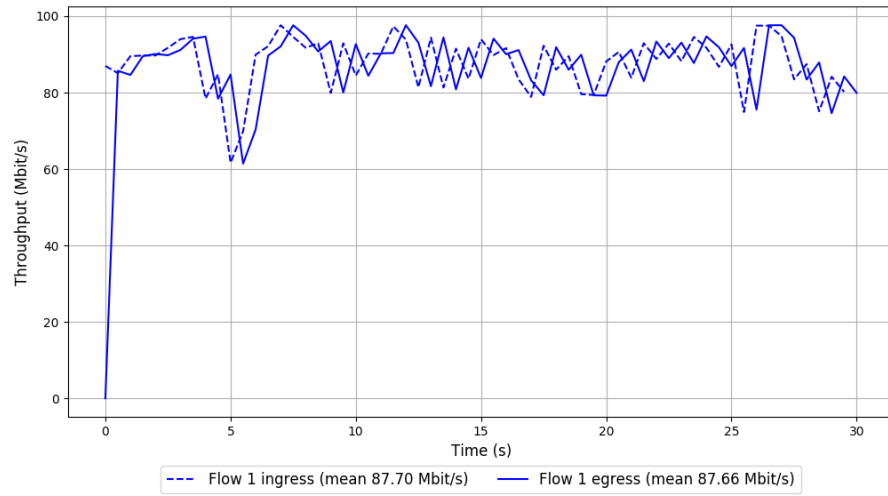
-- Flow 1:

Average throughput: 87.66 Mbit/s

95th percentile per-packet one-way delay: 18.275 ms

Loss rate: 0.06%

Run 10: Report of TCP Cubic — Data Link

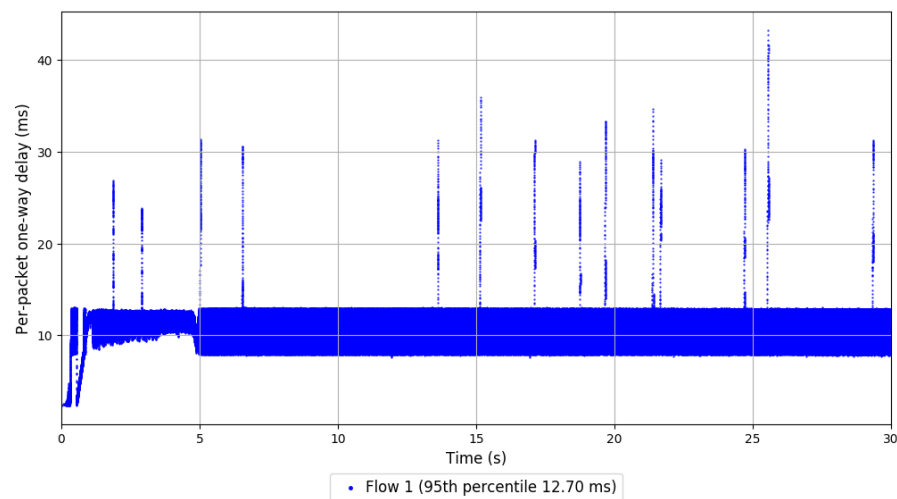
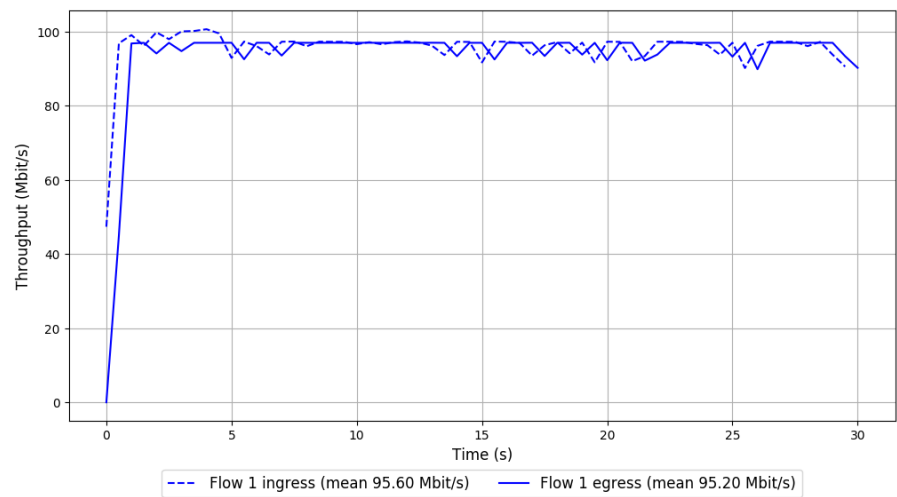


Run 1: Statistics of FillP

Start at: 2018-07-10 12:16:23
End at: 2018-07-10 12:16:53
Local clock offset: -1.104 ms
Remote clock offset: -1.343 ms

Below is generated by plot.py at 2018-07-10 15:34:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.20 Mbit/s
95th percentile per-packet one-way delay: 12.698 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 95.20 Mbit/s
95th percentile per-packet one-way delay: 12.698 ms
Loss rate: 0.45%

Run 1: Report of FillP — Data Link

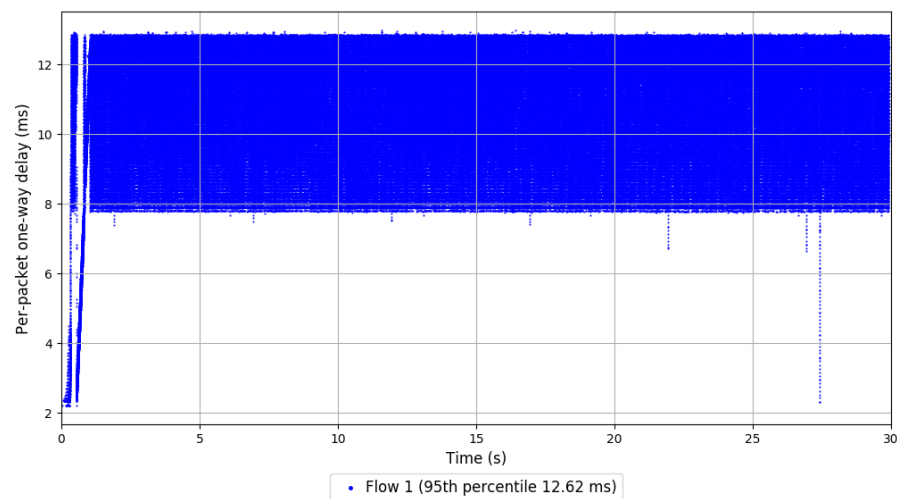
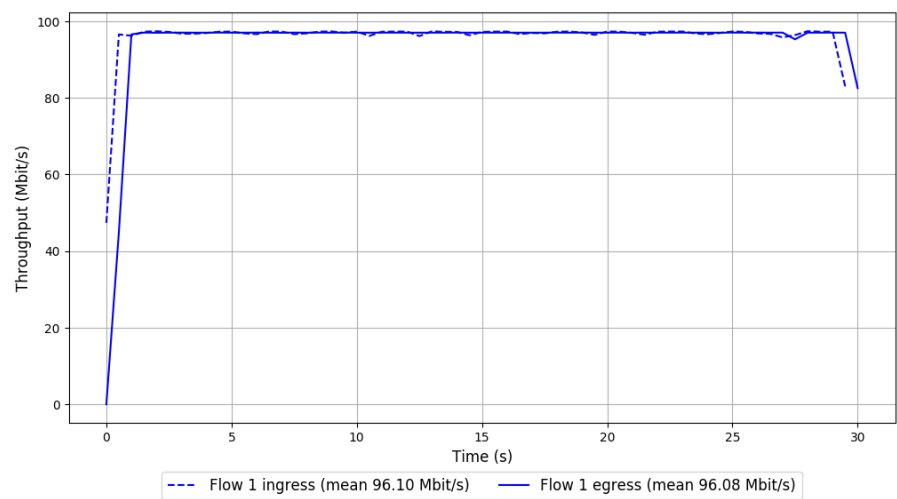


Run 2: Statistics of FillP

Start at: 2018-07-10 12:35:24
End at: 2018-07-10 12:35:54
Local clock offset: -0.944 ms
Remote clock offset: -2.306 ms

Below is generated by plot.py at 2018-07-10 15:34:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 12.622 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 96.08 Mbit/s
95th percentile per-packet one-way delay: 12.622 ms
Loss rate: 0.05%

Run 2: Report of FillP — Data Link

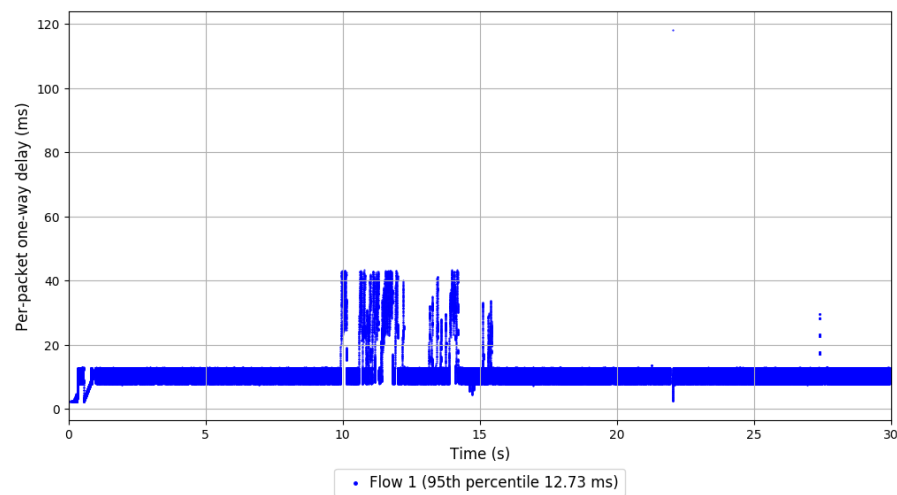
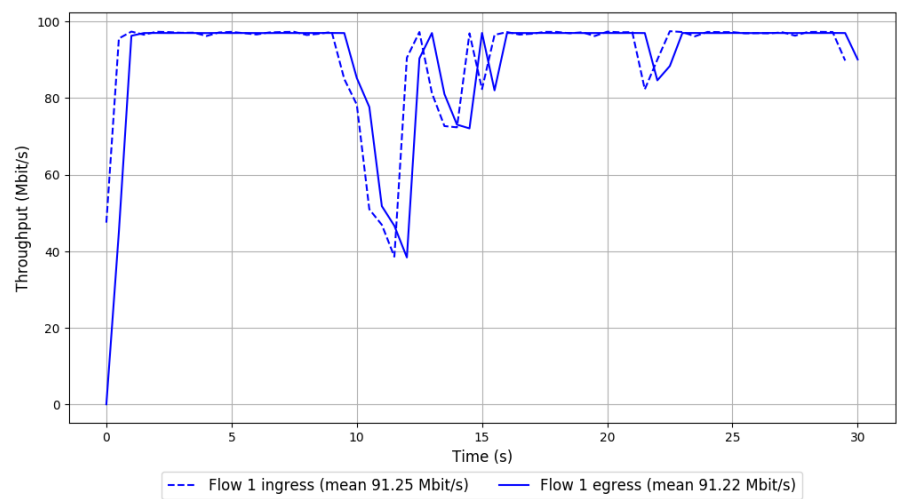


Run 3: Statistics of FillP

Start at: 2018-07-10 12:54:27
End at: 2018-07-10 12:54:57
Local clock offset: -0.789 ms
Remote clock offset: -2.294 ms

Below is generated by plot.py at 2018-07-10 15:35:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.22 Mbit/s
95th percentile per-packet one-way delay: 12.734 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 91.22 Mbit/s
95th percentile per-packet one-way delay: 12.734 ms
Loss rate: 0.04%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-07-10 13:13:29

End at: 2018-07-10 13:13:59

Local clock offset: -0.663 ms

Remote clock offset: -2.38 ms

Below is generated by plot.py at 2018-07-10 15:35:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.08 Mbit/s

95th percentile per-packet one-way delay: 12.665 ms

Loss rate: 0.04%

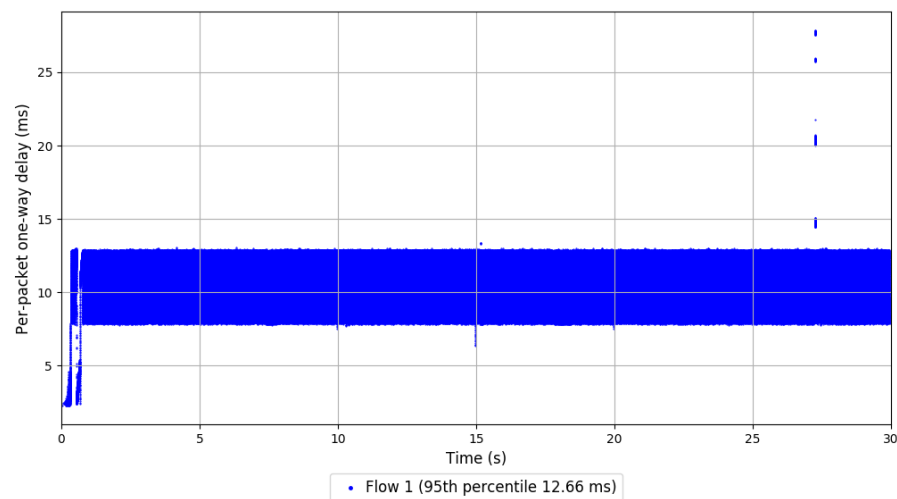
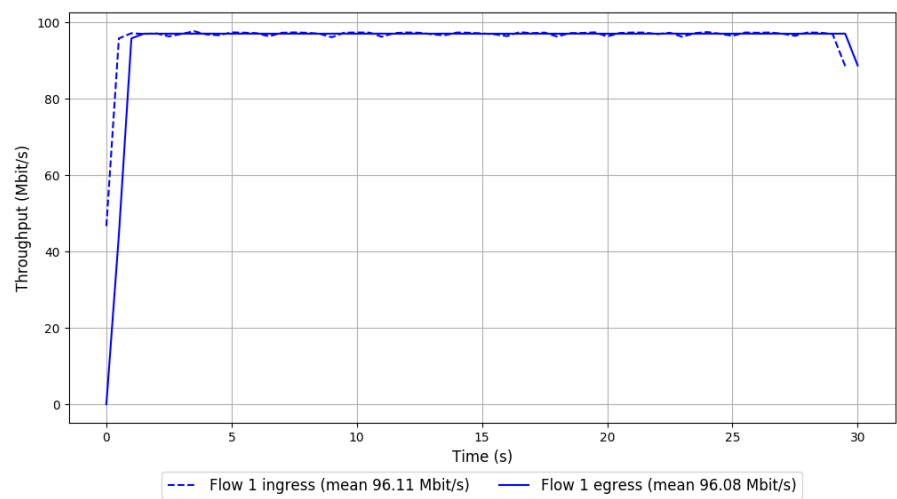
-- Flow 1:

Average throughput: 96.08 Mbit/s

95th percentile per-packet one-way delay: 12.665 ms

Loss rate: 0.04%

Run 4: Report of FillP — Data Link

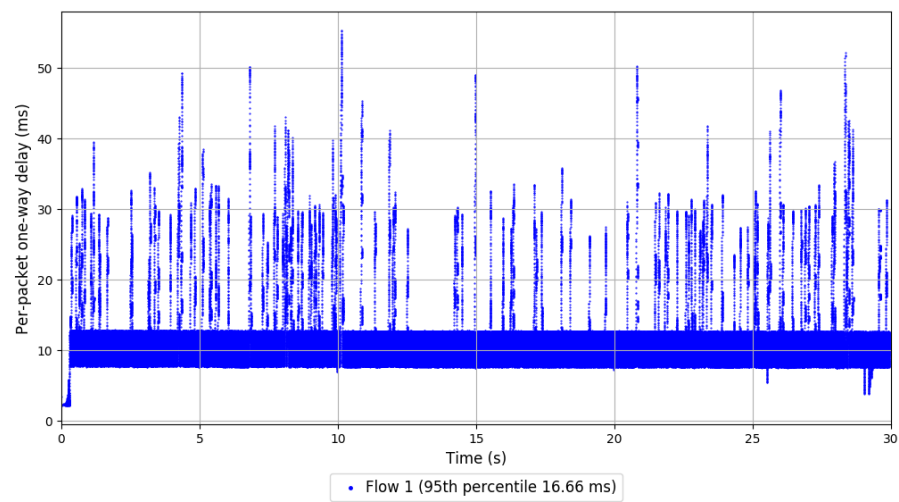
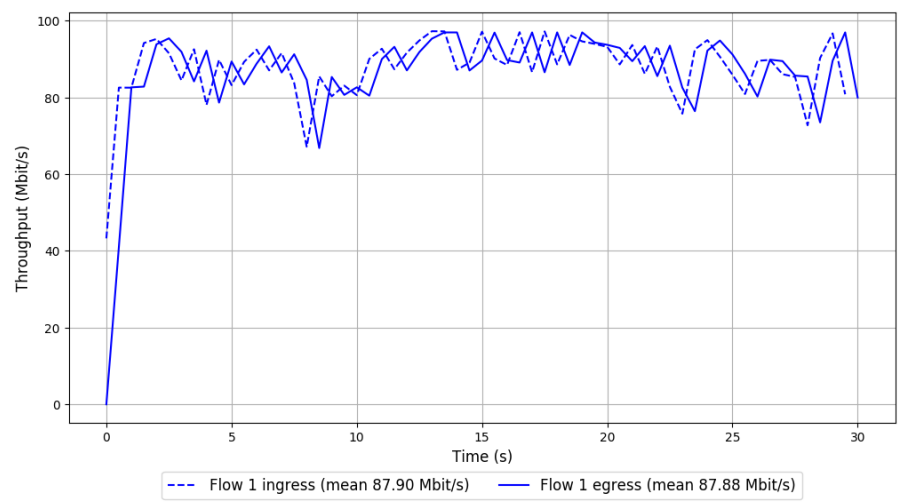


Run 5: Statistics of FillP

Start at: 2018-07-10 13:32:29
End at: 2018-07-10 13:32:59
Local clock offset: -0.473 ms
Remote clock offset: -5.741 ms

Below is generated by plot.py at 2018-07-10 15:35:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.88 Mbit/s
95th percentile per-packet one-way delay: 16.659 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 87.88 Mbit/s
95th percentile per-packet one-way delay: 16.659 ms
Loss rate: 0.05%

Run 5: Report of FillP — Data Link

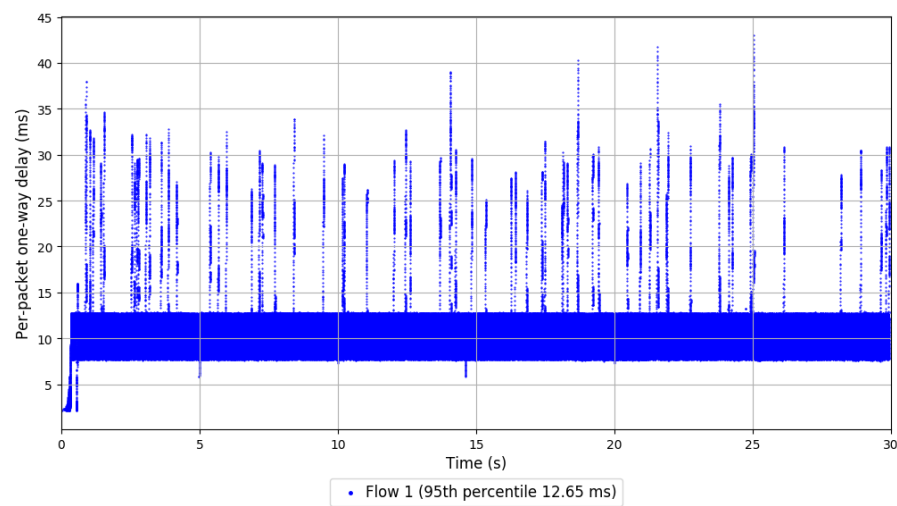
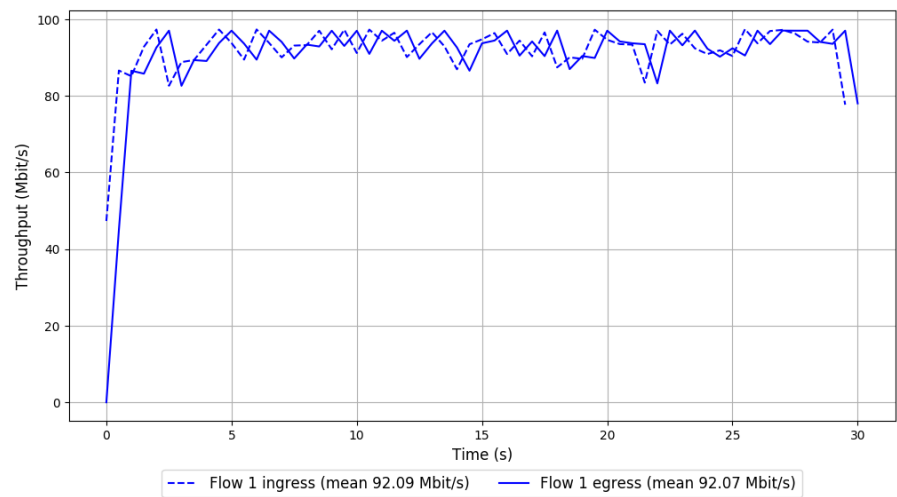


Run 6: Statistics of FillP

Start at: 2018-07-10 13:51:26
End at: 2018-07-10 13:51:56
Local clock offset: -0.423 ms
Remote clock offset: -9.006 ms

Below is generated by plot.py at 2018-07-10 15:35:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.07 Mbit/s
95th percentile per-packet one-way delay: 12.653 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 92.07 Mbit/s
95th percentile per-packet one-way delay: 12.653 ms
Loss rate: 0.04%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-07-10 14:10:25

End at: 2018-07-10 14:10:55

Local clock offset: -0.29 ms

Remote clock offset: -8.1 ms

Below is generated by plot.py at 2018-07-10 15:35:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.11 Mbit/s

95th percentile per-packet one-way delay: 12.662 ms

Loss rate: 0.04%

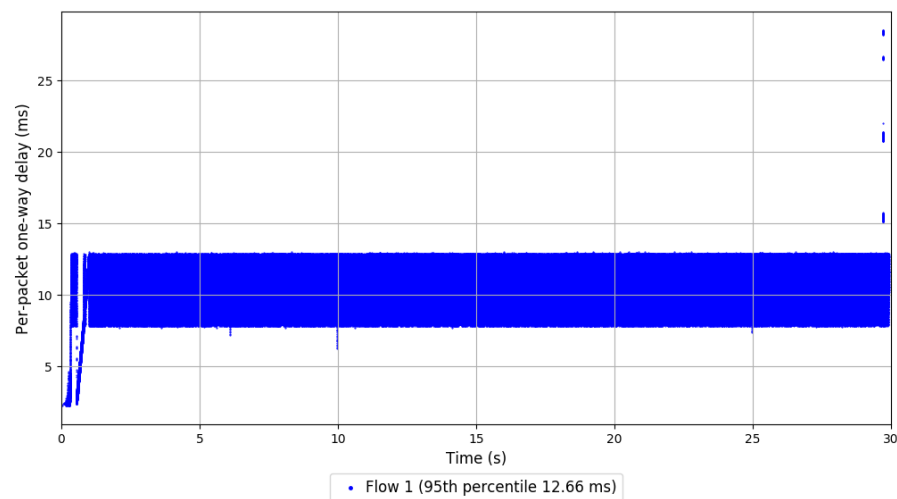
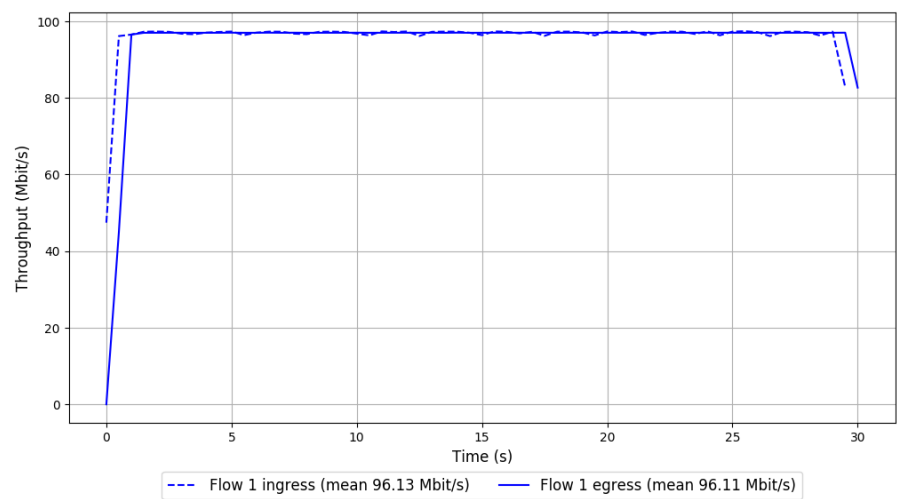
-- Flow 1:

Average throughput: 96.11 Mbit/s

95th percentile per-packet one-way delay: 12.662 ms

Loss rate: 0.04%

Run 7: Report of FillP — Data Link

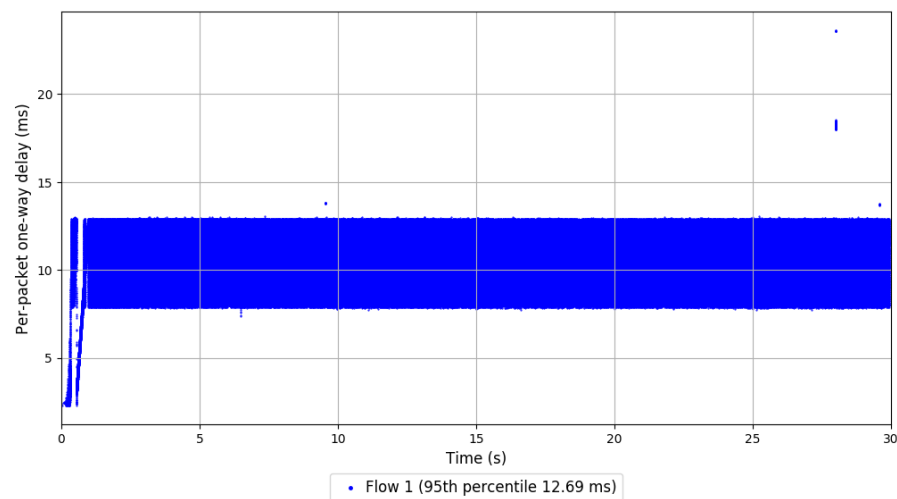
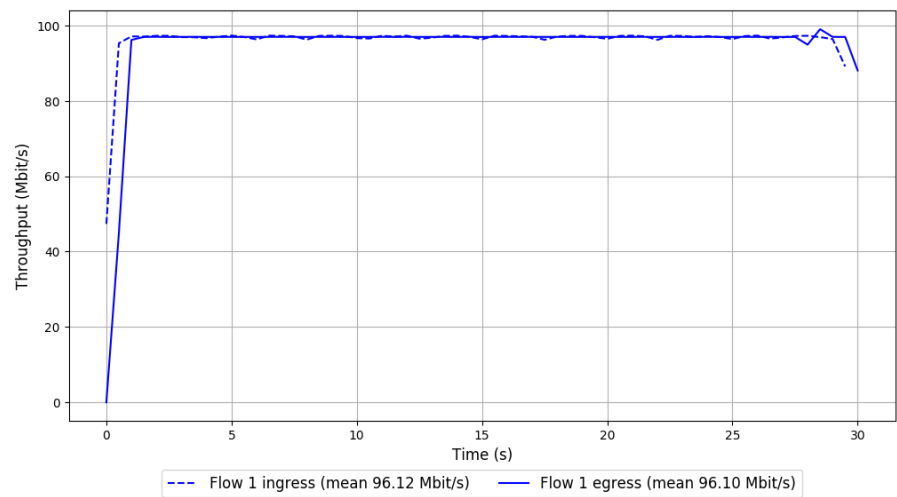


Run 8: Statistics of FillP

Start at: 2018-07-10 14:29:24
End at: 2018-07-10 14:29:54
Local clock offset: -0.206 ms
Remote clock offset: -8.128 ms

Below is generated by plot.py at 2018-07-10 15:35:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 12.686 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 96.10 Mbit/s
95th percentile per-packet one-way delay: 12.686 ms
Loss rate: 0.05%

Run 8: Report of FillP — Data Link

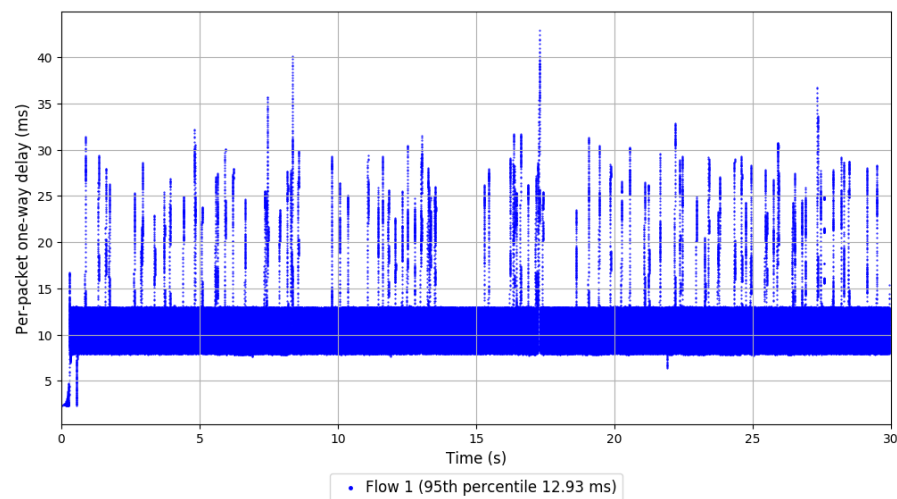
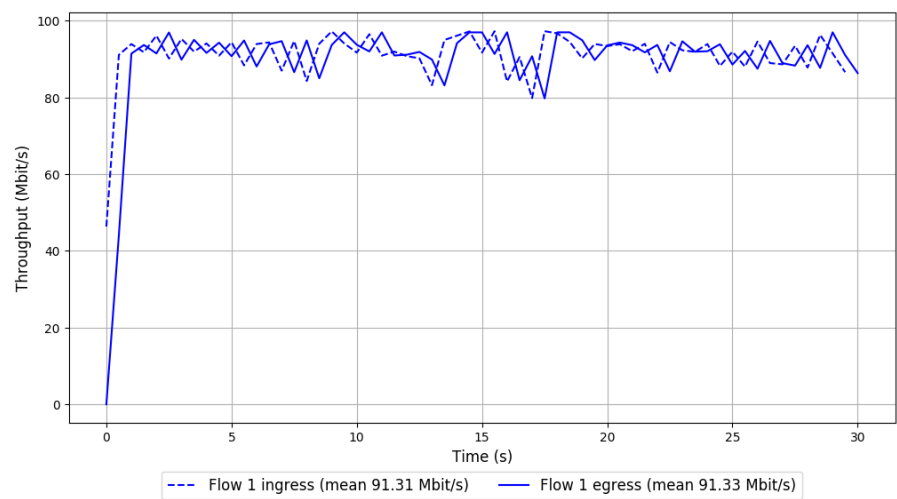


Run 9: Statistics of FillP

Start at: 2018-07-10 14:48:27
End at: 2018-07-10 14:48:57
Local clock offset: -0.276 ms
Remote clock offset: -7.077 ms

Below is generated by plot.py at 2018-07-10 15:36:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.33 Mbit/s
95th percentile per-packet one-way delay: 12.928 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 91.33 Mbit/s
95th percentile per-packet one-way delay: 12.928 ms
Loss rate: 0.04%

Run 9: Report of FillP — Data Link

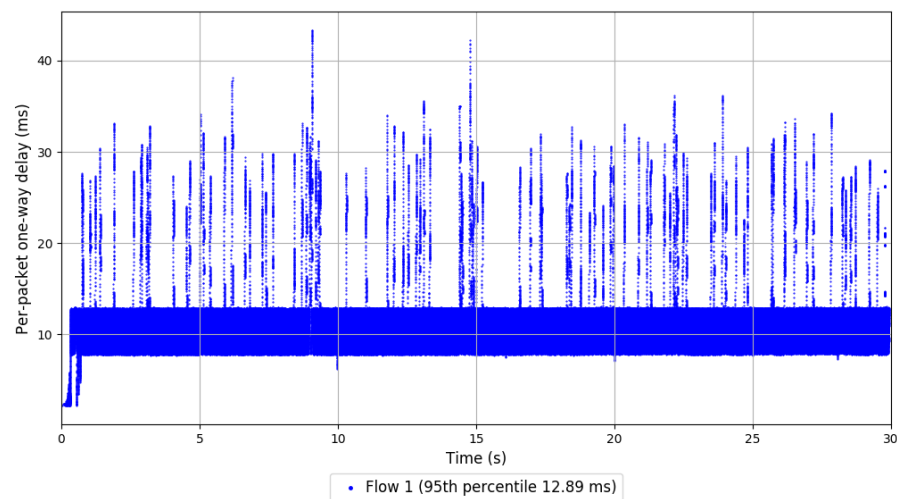
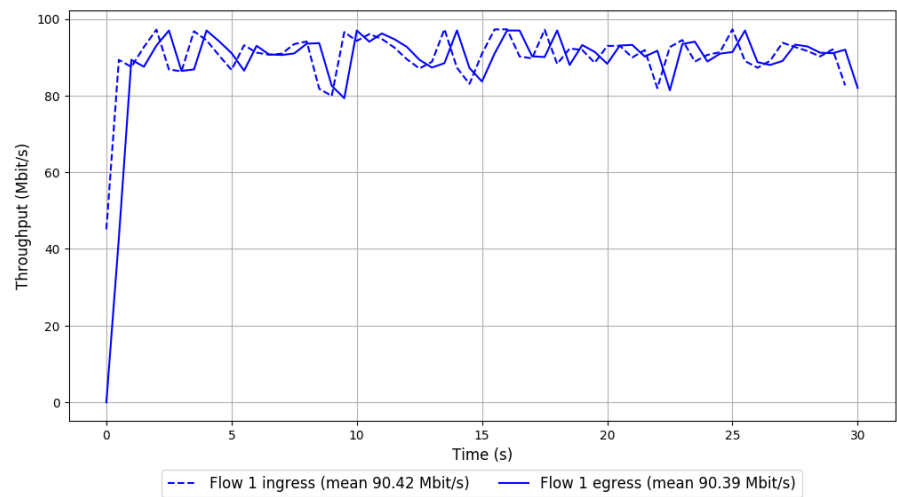


Run 10: Statistics of FillP

Start at: 2018-07-10 15:07:23
End at: 2018-07-10 15:07:53
Local clock offset: -0.458 ms
Remote clock offset: -6.943 ms

Below is generated by plot.py at 2018-07-10 15:36:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.39 Mbit/s
95th percentile per-packet one-way delay: 12.888 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 90.39 Mbit/s
95th percentile per-packet one-way delay: 12.888 ms
Loss rate: 0.04%

Run 10: Report of FillP — Data Link

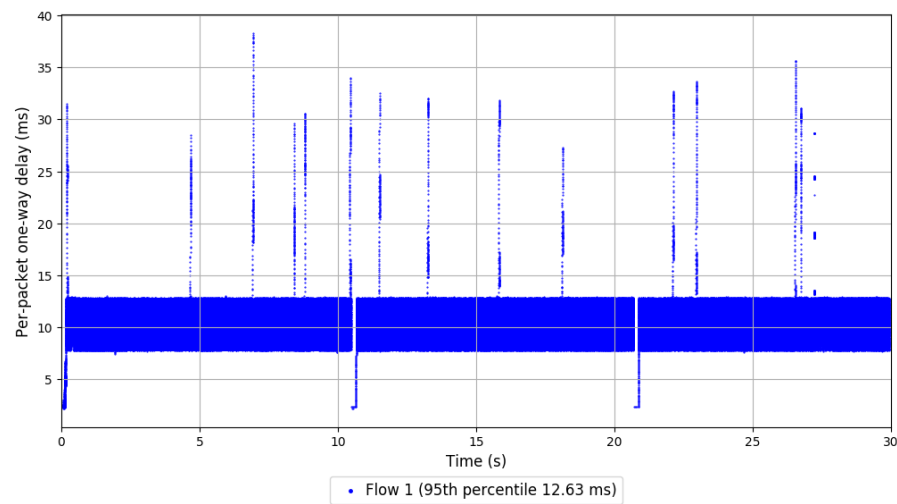
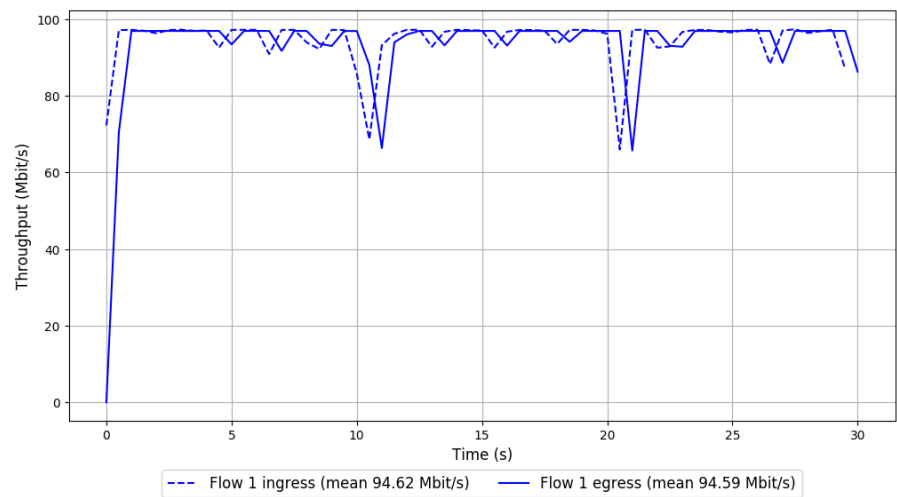


Run 1: Statistics of FillP-Sheep

Start at: 2018-07-10 12:33:11
End at: 2018-07-10 12:33:41
Local clock offset: -0.964 ms
Remote clock offset: -2.282 ms

Below is generated by plot.py at 2018-07-10 15:36:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.59 Mbit/s
95th percentile per-packet one-way delay: 12.629 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 94.59 Mbit/s
95th percentile per-packet one-way delay: 12.629 ms
Loss rate: 0.05%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2018-07-10 12:52:13

End at: 2018-07-10 12:52:43

Local clock offset: -0.76 ms

Remote clock offset: -2.144 ms

Below is generated by plot.py at 2018-07-10 15:36:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.03 Mbit/s

95th percentile per-packet one-way delay: 12.762 ms

Loss rate: 0.05%

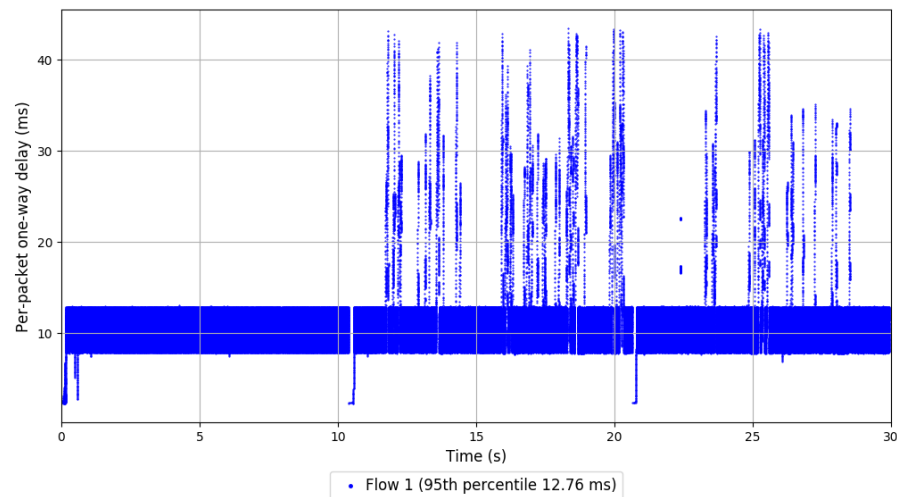
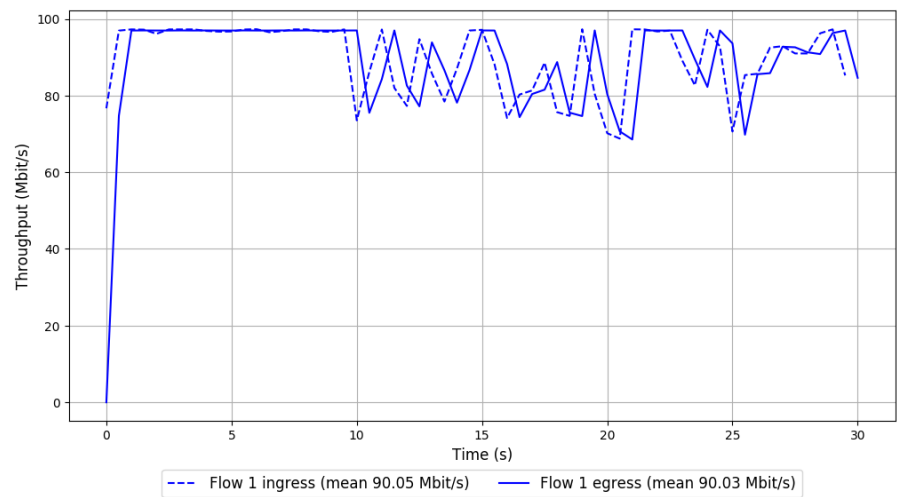
-- Flow 1:

Average throughput: 90.03 Mbit/s

95th percentile per-packet one-way delay: 12.762 ms

Loss rate: 0.05%

Run 2: Report of FillP-Sheep — Data Link

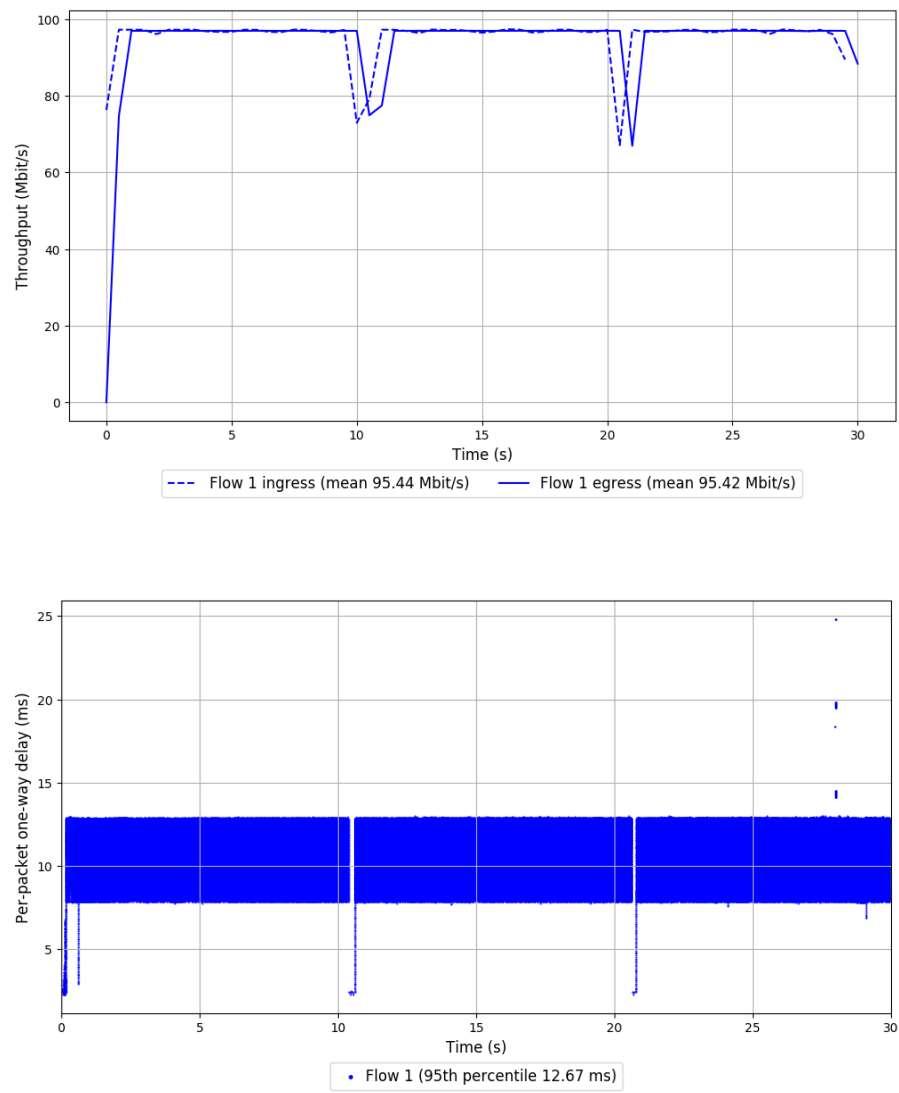


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-10 13:11:15
End at: 2018-07-10 13:11:45
Local clock offset: -0.613 ms
Remote clock offset: -2.343 ms

Below is generated by plot.py at 2018-07-10 15:36:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.42 Mbit/s
95th percentile per-packet one-way delay: 12.666 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 95.42 Mbit/s
95th percentile per-packet one-way delay: 12.666 ms
Loss rate: 0.05%

Run 3: Report of FillP-Sheep — Data Link

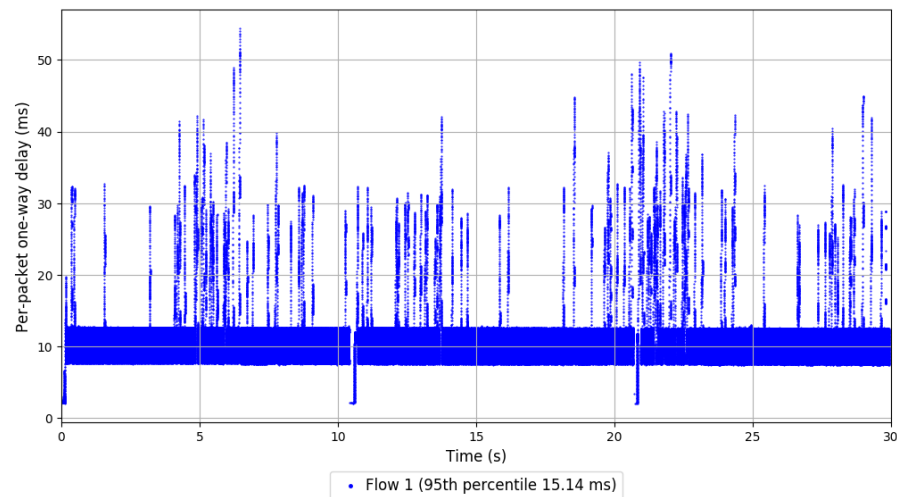
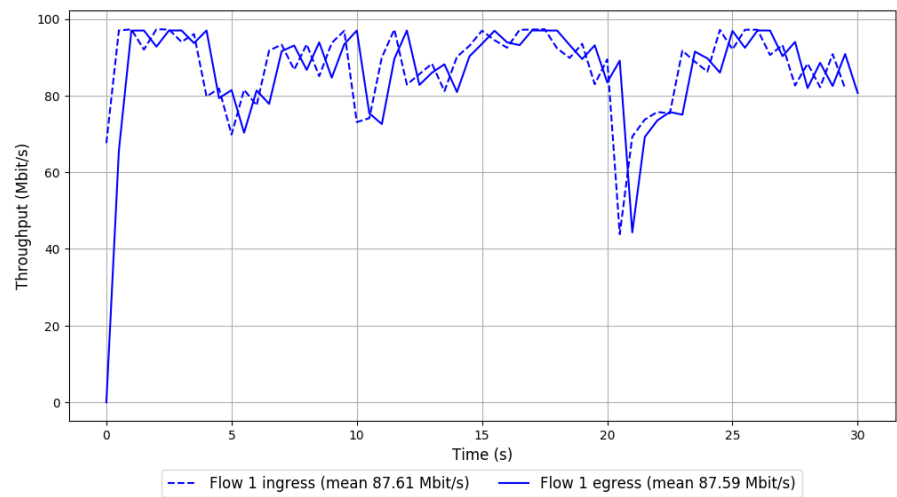


Run 4: Statistics of FillP-Sheep

Start at: 2018-07-10 13:30:16
End at: 2018-07-10 13:30:46
Local clock offset: -0.572 ms
Remote clock offset: -4.922 ms

Below is generated by plot.py at 2018-07-10 15:36:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.59 Mbit/s
95th percentile per-packet one-way delay: 15.138 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 87.59 Mbit/s
95th percentile per-packet one-way delay: 15.138 ms
Loss rate: 0.06%

Run 4: Report of FillP-Sheep — Data Link

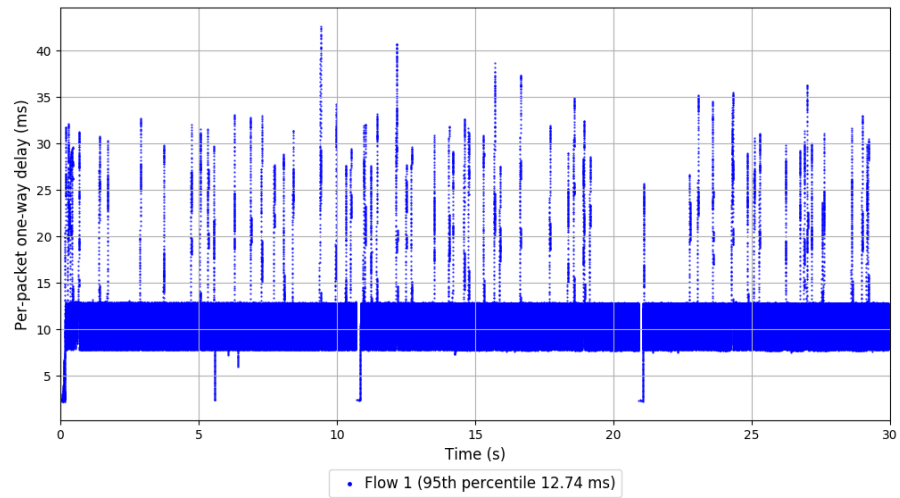
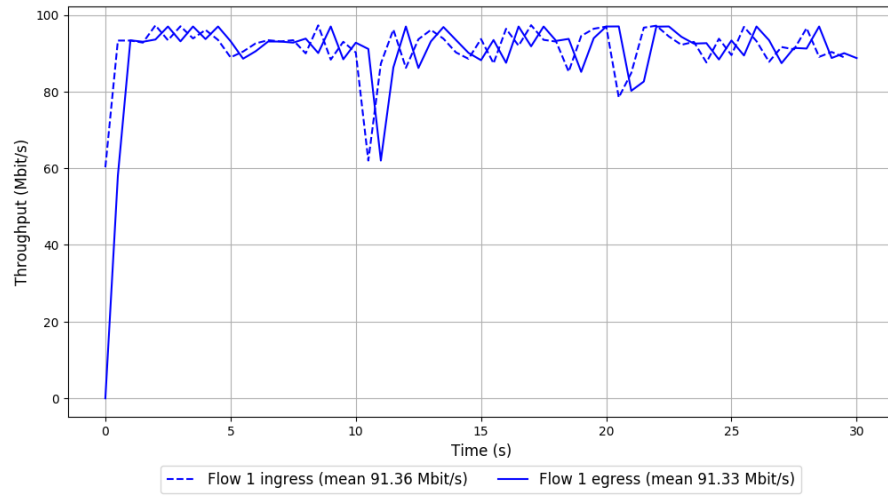


Run 5: Statistics of FillP-Sheep

Start at: 2018-07-10 13:49:13
End at: 2018-07-10 13:49:43
Local clock offset: -0.338 ms
Remote clock offset: -8.809 ms

Below is generated by plot.py at 2018-07-10 15:36:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.33 Mbit/s
95th percentile per-packet one-way delay: 12.737 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 91.33 Mbit/s
95th percentile per-packet one-way delay: 12.737 ms
Loss rate: 0.04%

Run 5: Report of FillP-Sheep — Data Link

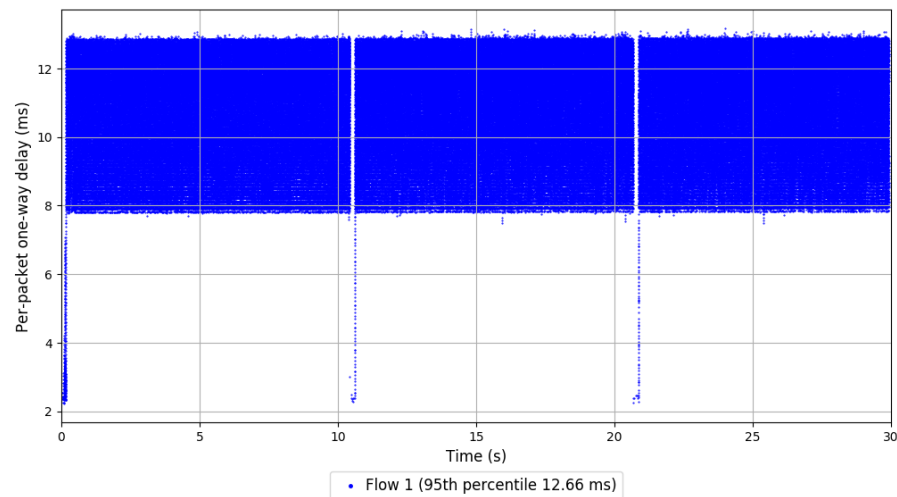
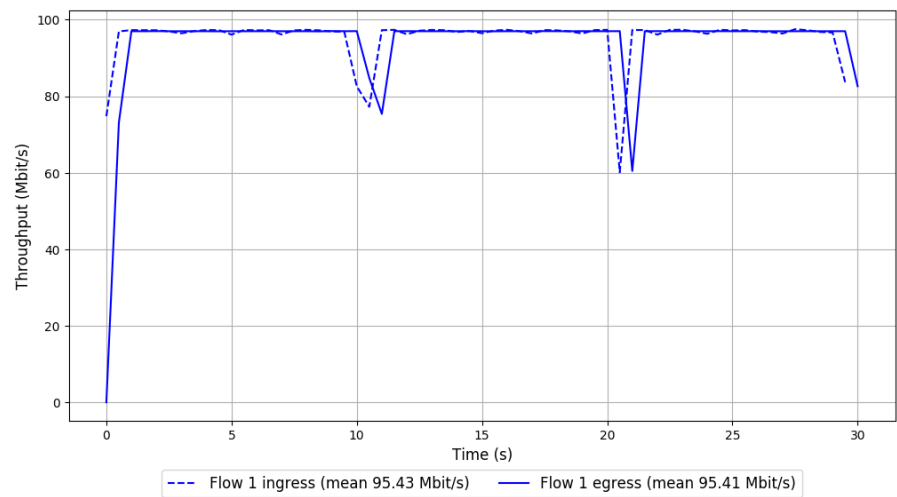


Run 6: Statistics of FillP-Sheep

Start at: 2018-07-10 14:08:11
End at: 2018-07-10 14:08:41
Local clock offset: -0.318 ms
Remote clock offset: -8.234 ms

Below is generated by plot.py at 2018-07-10 15:37:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.41 Mbit/s
95th percentile per-packet one-way delay: 12.658 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 95.41 Mbit/s
95th percentile per-packet one-way delay: 12.658 ms
Loss rate: 0.05%

Run 6: Report of FillP-Sheep — Data Link

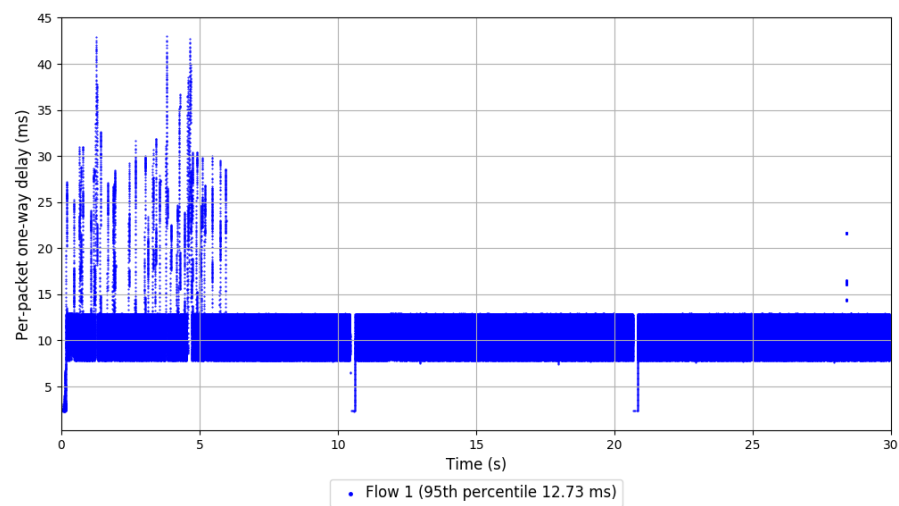
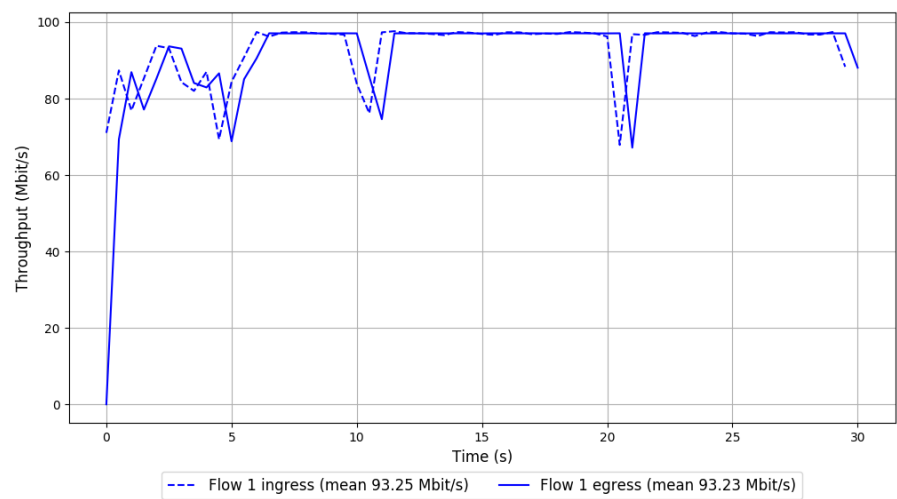


Run 7: Statistics of FillP-Sheep

Start at: 2018-07-10 14:27:10
End at: 2018-07-10 14:27:40
Local clock offset: -0.232 ms
Remote clock offset: -8.073 ms

Below is generated by plot.py at 2018-07-10 15:37:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.23 Mbit/s
95th percentile per-packet one-way delay: 12.731 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 93.23 Mbit/s
95th percentile per-packet one-way delay: 12.731 ms
Loss rate: 0.04%

Run 7: Report of FillP-Sheep — Data Link

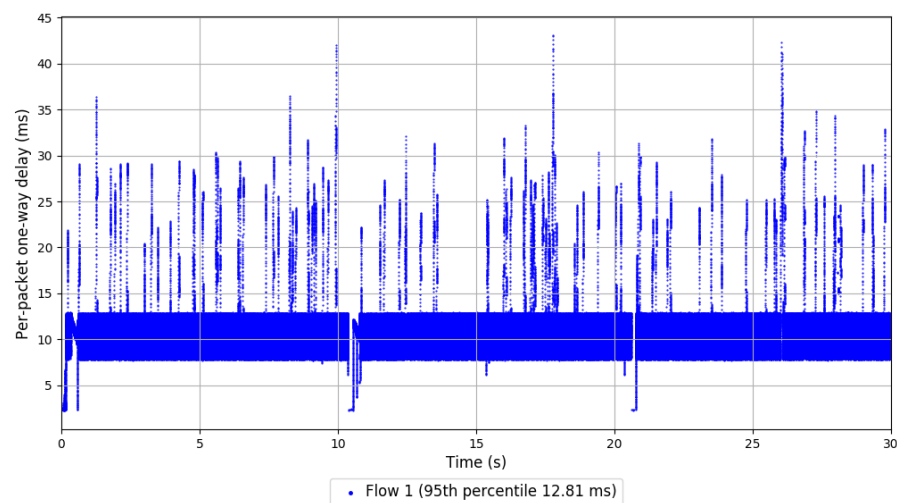
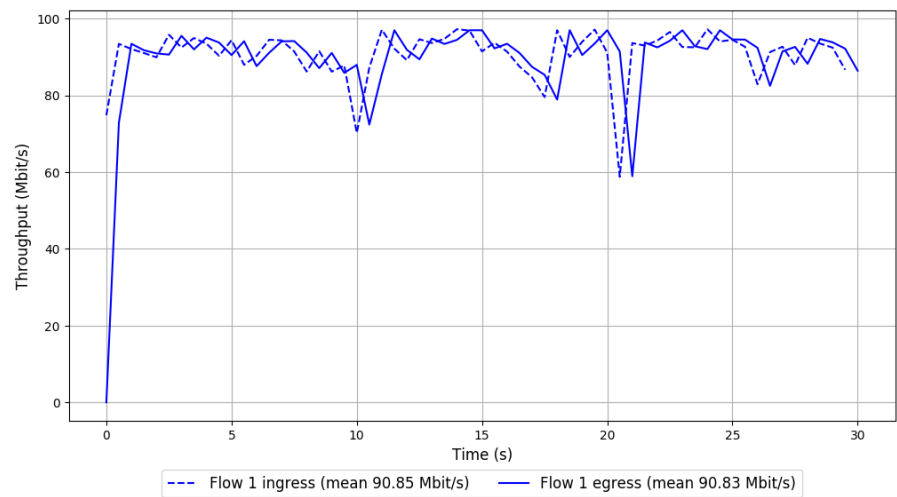


Run 8: Statistics of FillP-Sheep

Start at: 2018-07-10 14:46:13
End at: 2018-07-10 14:46:43
Local clock offset: -0.291 ms
Remote clock offset: -7.042 ms

Below is generated by plot.py at 2018-07-10 15:37:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.83 Mbit/s
95th percentile per-packet one-way delay: 12.809 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 90.83 Mbit/s
95th percentile per-packet one-way delay: 12.809 ms
Loss rate: 0.05%

Run 8: Report of FillP-Sheep — Data Link



Run 9: Statistics of FillP-Sheep

Start at: 2018-07-10 15:05:09

End at: 2018-07-10 15:05:39

Local clock offset: -0.479 ms

Remote clock offset: -6.94 ms

Below is generated by plot.py at 2018-07-10 15:38:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.12 Mbit/s

95th percentile per-packet one-way delay: 12.789 ms

Loss rate: 0.05%

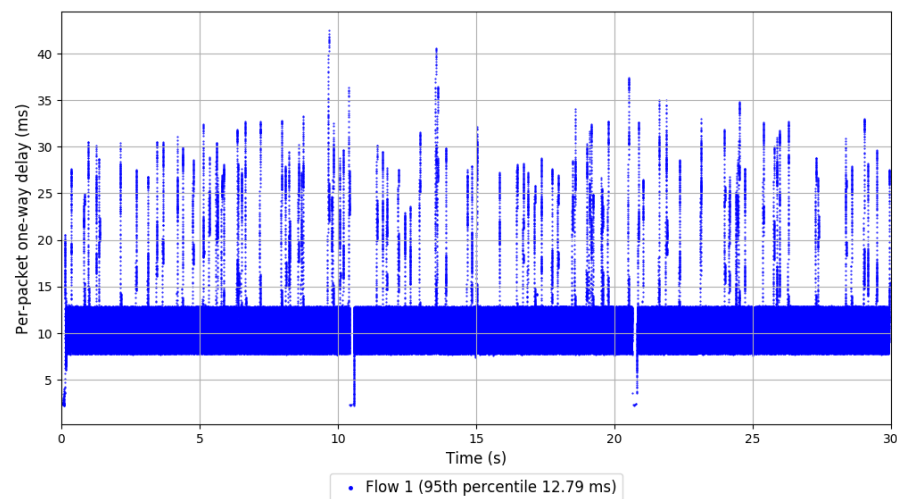
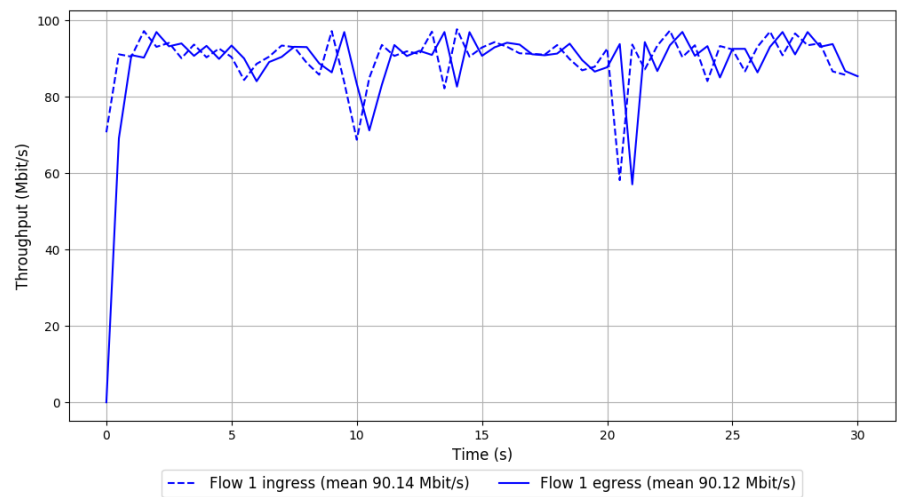
-- Flow 1:

Average throughput: 90.12 Mbit/s

95th percentile per-packet one-way delay: 12.789 ms

Loss rate: 0.05%

Run 9: Report of FillP-Sheep — Data Link

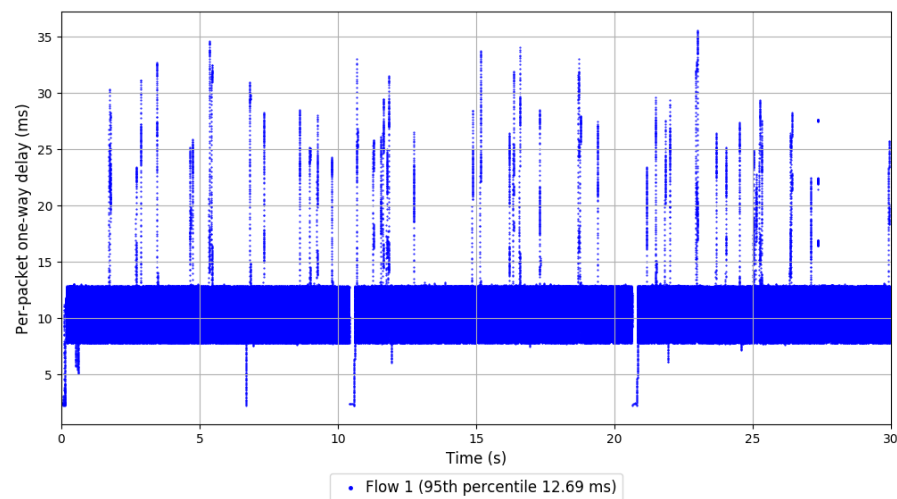
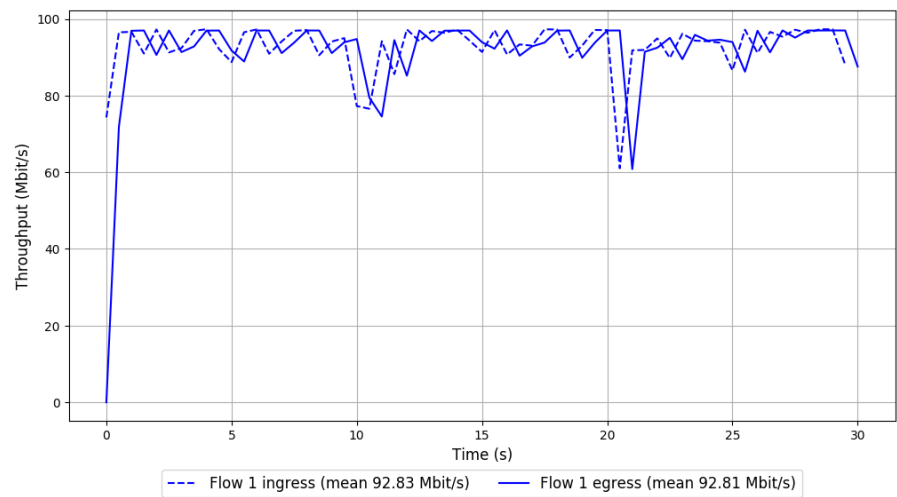


Run 10: Statistics of FillP-Sheep

Start at: 2018-07-10 15:24:04
End at: 2018-07-10 15:24:34
Local clock offset: -0.647 ms
Remote clock offset: -5.919 ms

Below is generated by plot.py at 2018-07-10 15:38:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.81 Mbit/s
95th percentile per-packet one-way delay: 12.685 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 92.81 Mbit/s
95th percentile per-packet one-way delay: 12.685 ms
Loss rate: 0.05%

Run 10: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2018-07-10 12:29:53

End at: 2018-07-10 12:30:23

Local clock offset: -0.97 ms

Remote clock offset: -2.255 ms

Below is generated by plot.py at 2018-07-10 15:38:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 4.744 ms

Loss rate: 0.02%

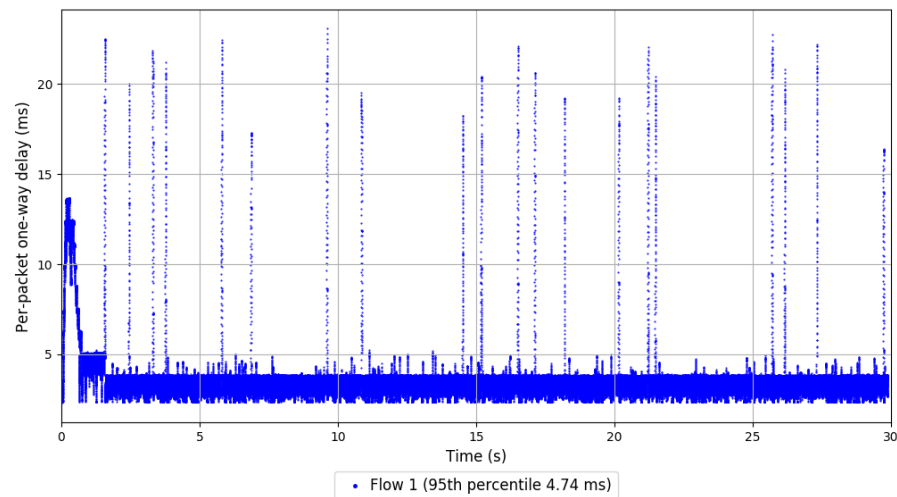
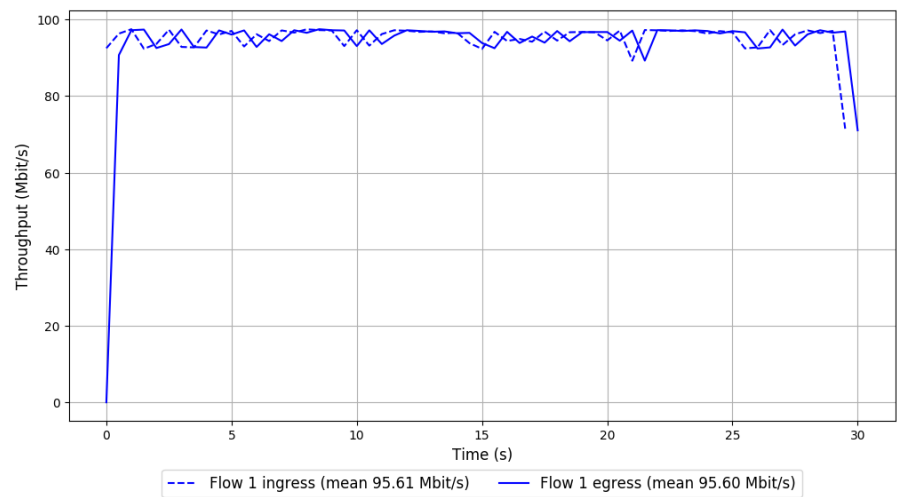
-- Flow 1:

Average throughput: 95.60 Mbit/s

95th percentile per-packet one-way delay: 4.744 ms

Loss rate: 0.02%

Run 1: Report of Indigo — Data Link

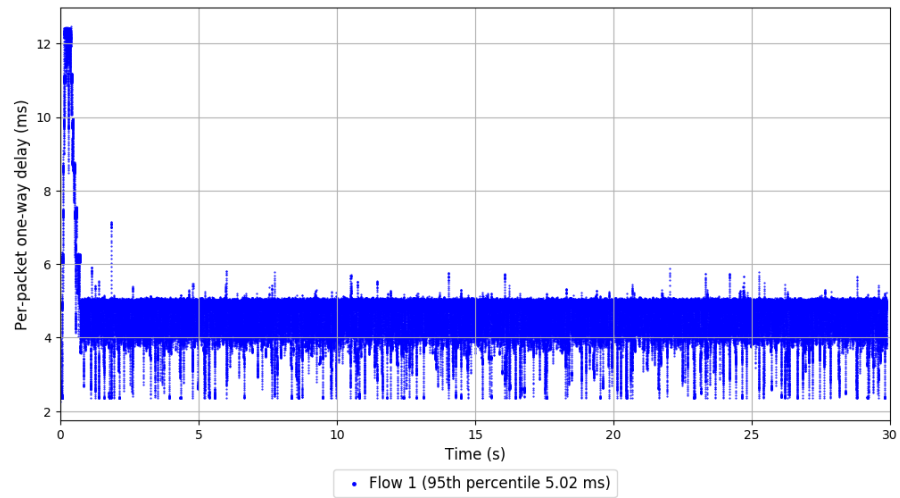
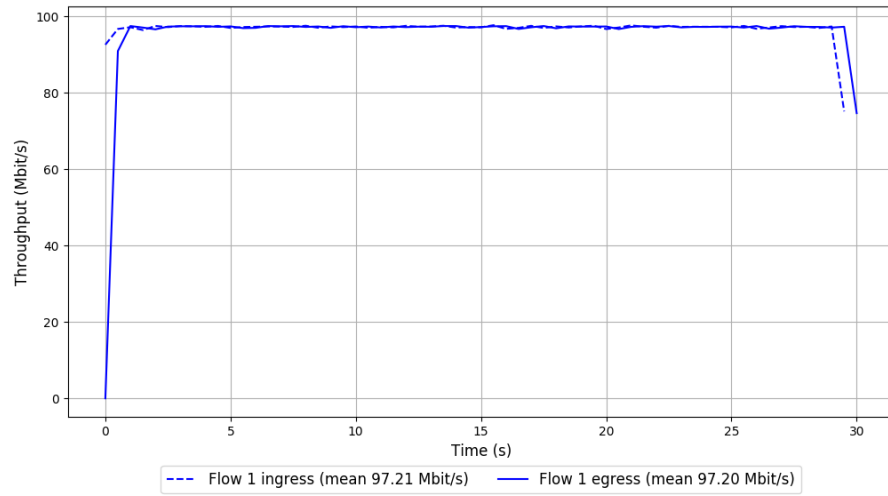


Run 2: Statistics of Indigo

Start at: 2018-07-10 12:48:55
End at: 2018-07-10 12:49:25
Local clock offset: -0.856 ms
Remote clock offset: -2.183 ms

Below is generated by plot.py at 2018-07-10 15:38:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 5.023 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 5.023 ms
Loss rate: 0.02%

Run 2: Report of Indigo — Data Link

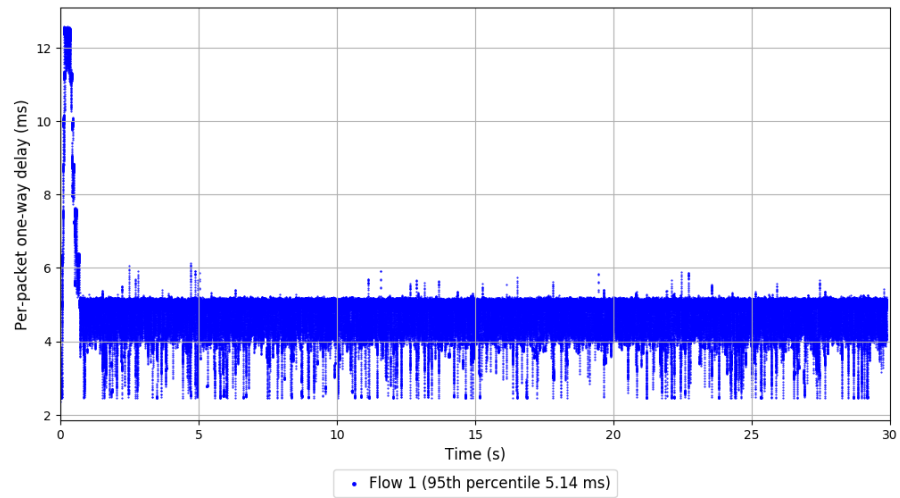
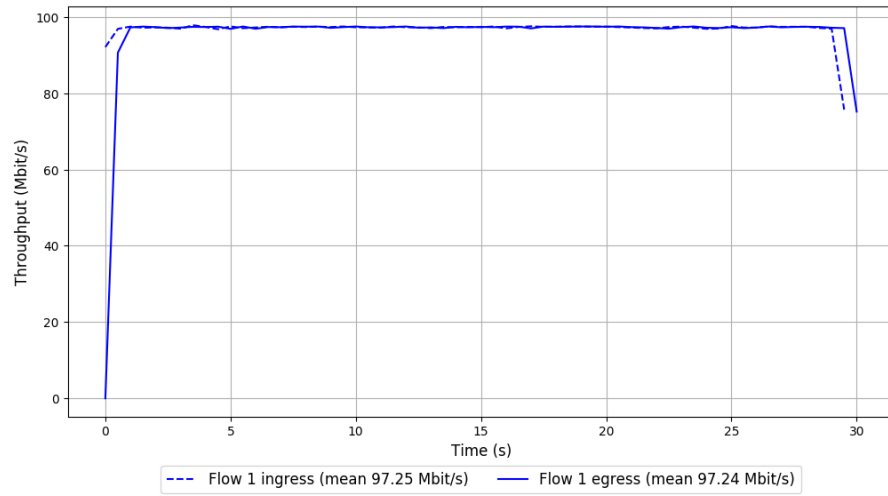


Run 3: Statistics of Indigo

Start at: 2018-07-10 13:07:57
End at: 2018-07-10 13:08:27
Local clock offset: -0.623 ms
Remote clock offset: -2.428 ms

Below is generated by plot.py at 2018-07-10 15:38:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 5.140 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 5.140 ms
Loss rate: 0.02%

Run 3: Report of Indigo — Data Link

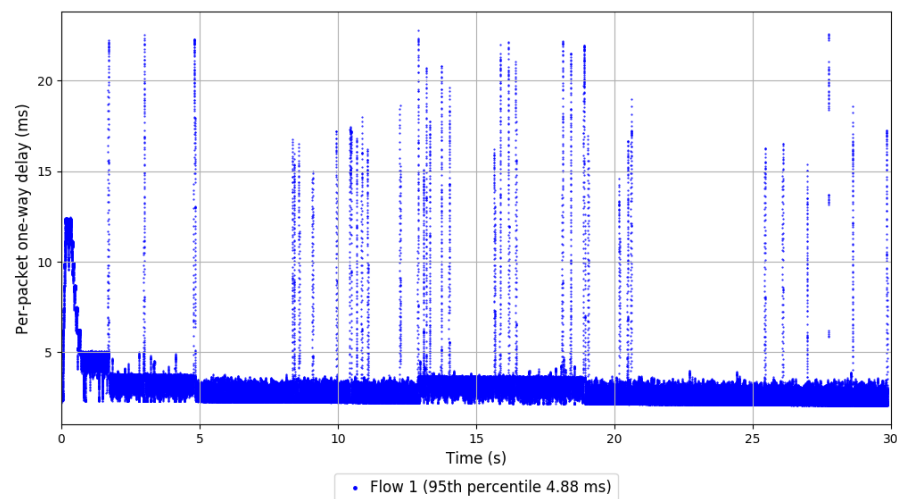
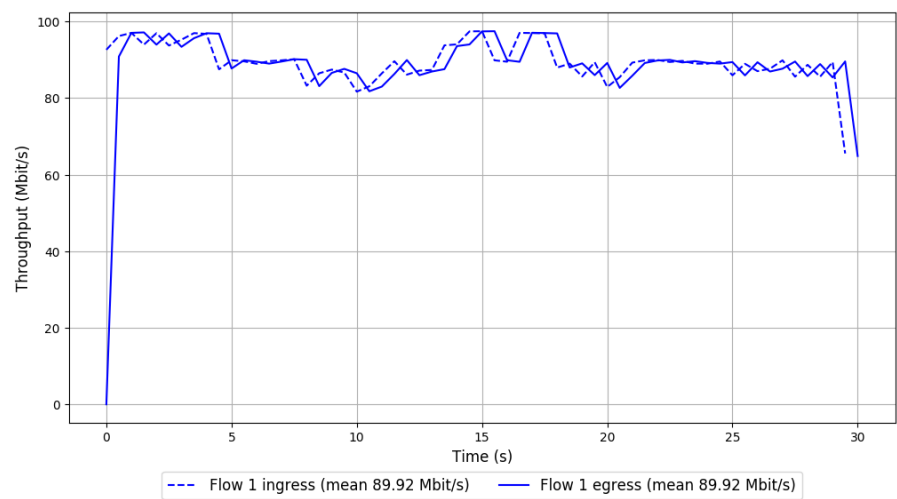


Run 4: Statistics of Indigo

Start at: 2018-07-10 13:26:58
End at: 2018-07-10 13:27:28
Local clock offset: -0.525 ms
Remote clock offset: -3.453 ms

Below is generated by plot.py at 2018-07-10 15:38:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.92 Mbit/s
95th percentile per-packet one-way delay: 4.885 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 89.92 Mbit/s
95th percentile per-packet one-way delay: 4.885 ms
Loss rate: 0.02%

Run 4: Report of Indigo — Data Link

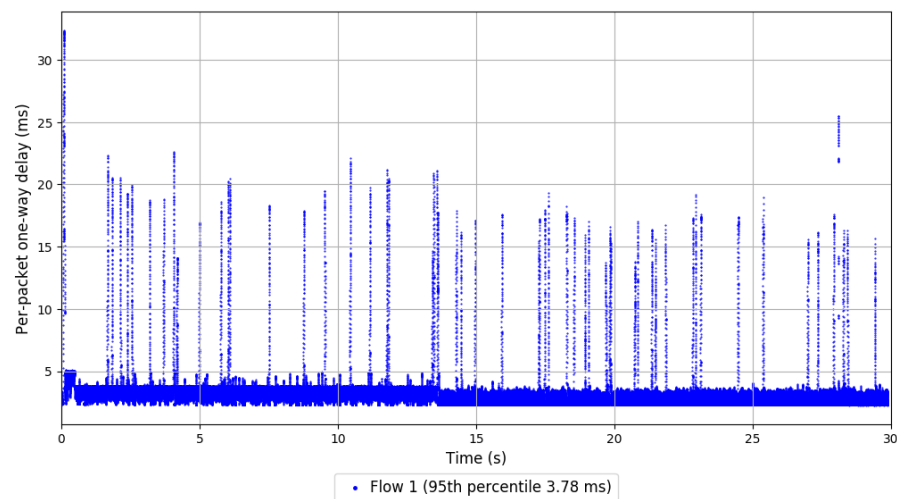
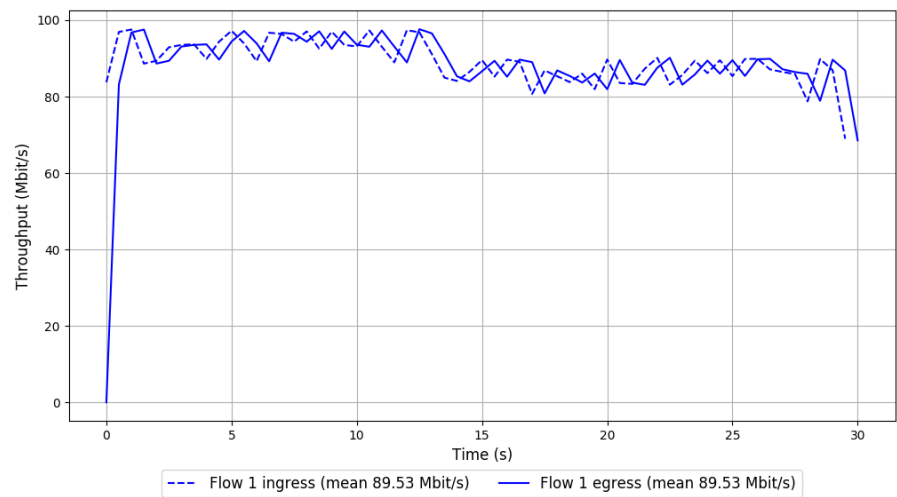


Run 5: Statistics of Indigo

Start at: 2018-07-10 13:45:55
End at: 2018-07-10 13:46:25
Local clock offset: -0.379 ms
Remote clock offset: -8.438 ms

Below is generated by plot.py at 2018-07-10 15:38:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.53 Mbit/s
95th percentile per-packet one-way delay: 3.779 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 89.53 Mbit/s
95th percentile per-packet one-way delay: 3.779 ms
Loss rate: 0.02%

Run 5: Report of Indigo — Data Link

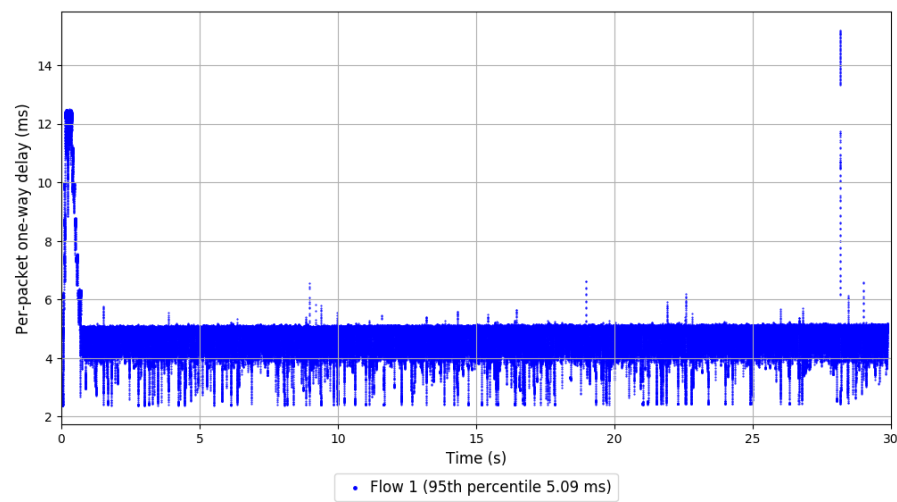
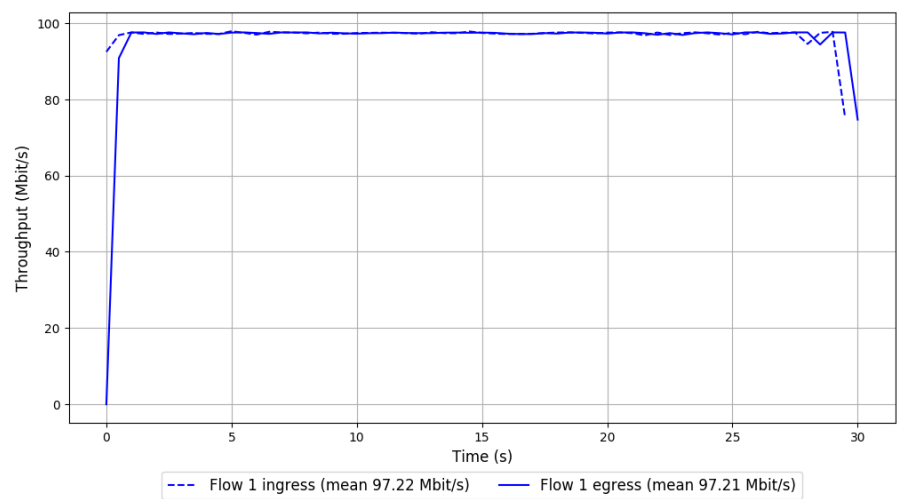


Run 6: Statistics of Indigo

Start at: 2018-07-10 14:04:53
End at: 2018-07-10 14:05:23
Local clock offset: -0.327 ms
Remote clock offset: -8.587 ms

Below is generated by plot.py at 2018-07-10 15:38:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 5.092 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 5.092 ms
Loss rate: 0.03%

Run 6: Report of Indigo — Data Link

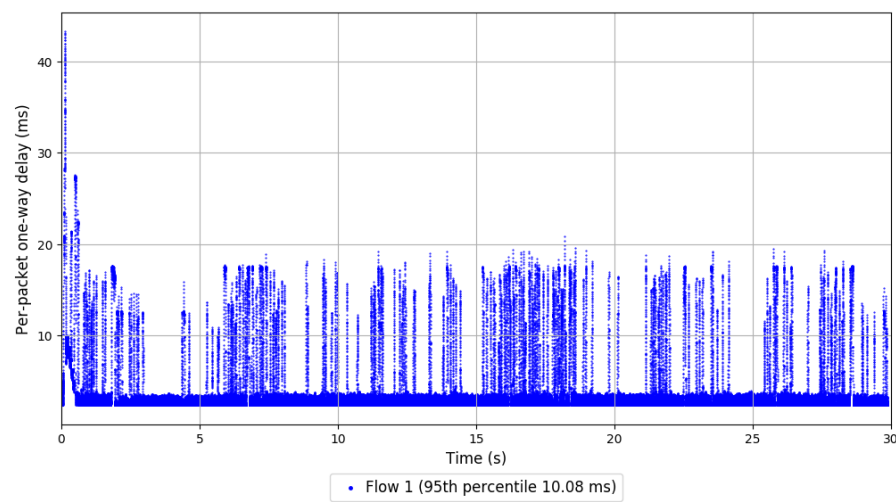
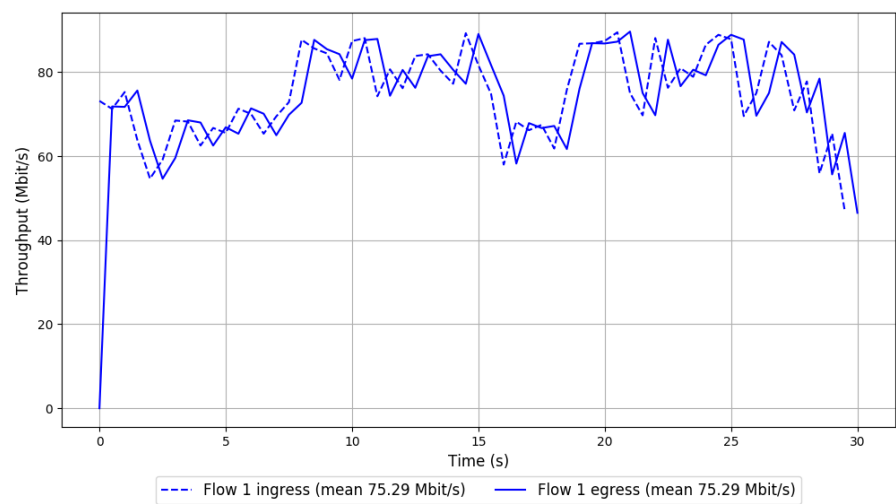


Run 7: Statistics of Indigo

Start at: 2018-07-10 14:23:53
End at: 2018-07-10 14:24:23
Local clock offset: -0.238 ms
Remote clock offset: -7.965 ms

Below is generated by plot.py at 2018-07-10 15:38:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.29 Mbit/s
95th percentile per-packet one-way delay: 10.076 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 75.29 Mbit/s
95th percentile per-packet one-way delay: 10.076 ms
Loss rate: 0.02%

Run 7: Report of Indigo — Data Link

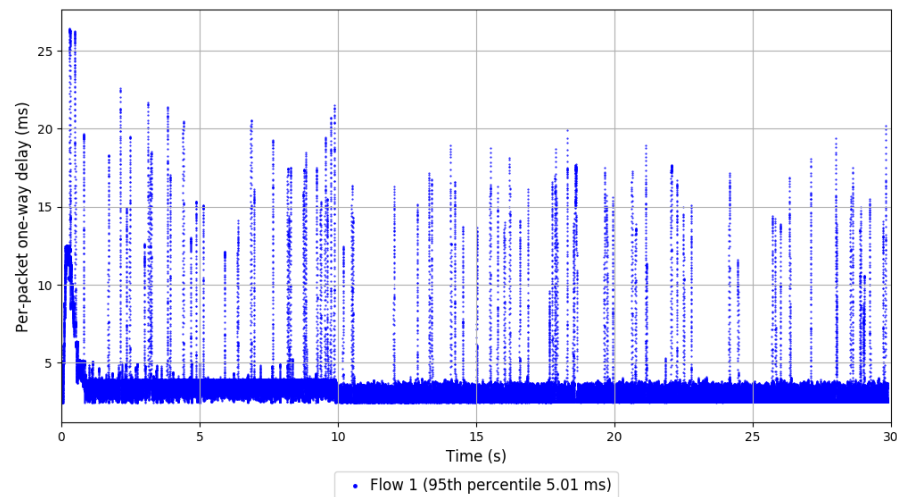
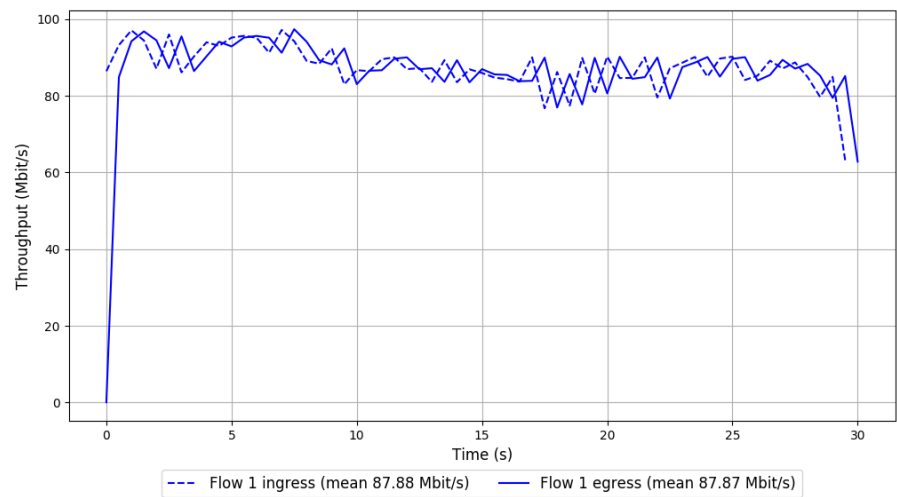


Run 8: Statistics of Indigo

Start at: 2018-07-10 14:42:55
End at: 2018-07-10 14:43:25
Local clock offset: -0.278 ms
Remote clock offset: -7.257 ms

Below is generated by plot.py at 2018-07-10 15:39:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.87 Mbit/s
95th percentile per-packet one-way delay: 5.015 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.87 Mbit/s
95th percentile per-packet one-way delay: 5.015 ms
Loss rate: 0.02%

Run 8: Report of Indigo — Data Link

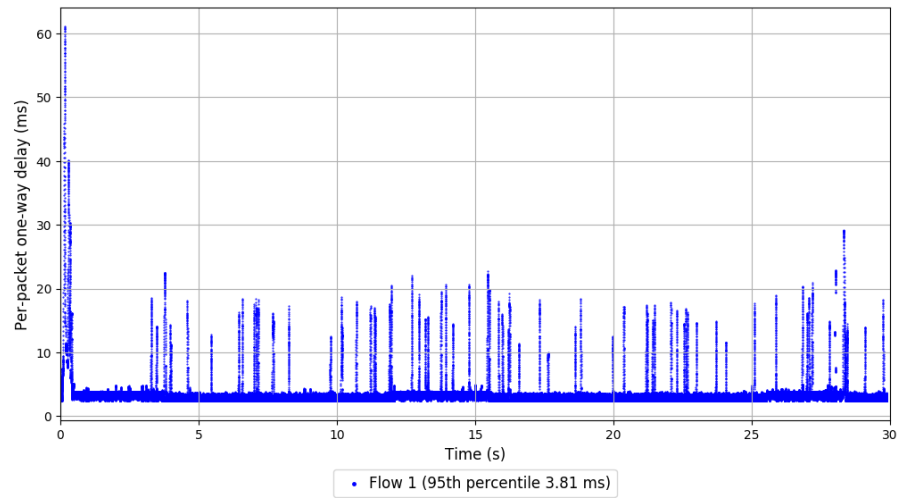
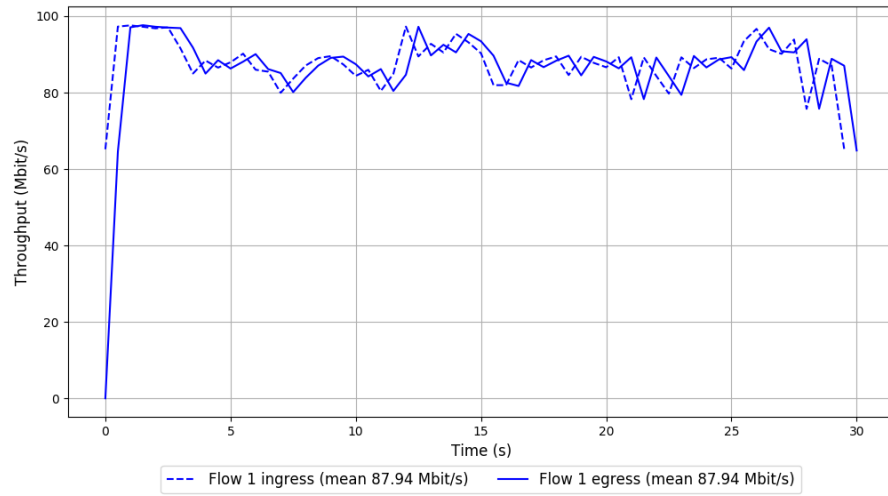


Run 9: Statistics of Indigo

Start at: 2018-07-10 15:01:51
End at: 2018-07-10 15:02:21
Local clock offset: -0.366 ms
Remote clock offset: -6.922 ms

Below is generated by plot.py at 2018-07-10 15:39:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.94 Mbit/s
95th percentile per-packet one-way delay: 3.814 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 87.94 Mbit/s
95th percentile per-packet one-way delay: 3.814 ms
Loss rate: 0.02%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-07-10 15:20:47

End at: 2018-07-10 15:21:17

Local clock offset: -0.577 ms

Remote clock offset: -6.025 ms

Below is generated by plot.py at 2018-07-10 15:39:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.67 Mbit/s

95th percentile per-packet one-way delay: 6.436 ms

Loss rate: 0.02%

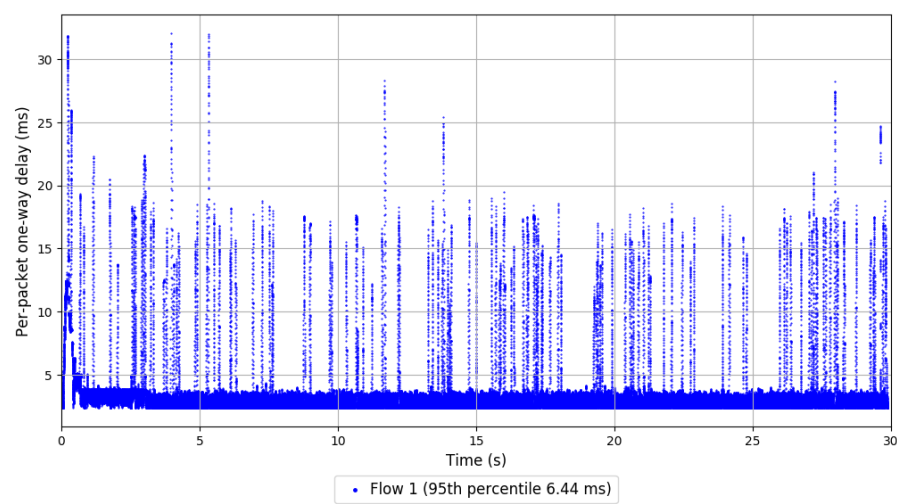
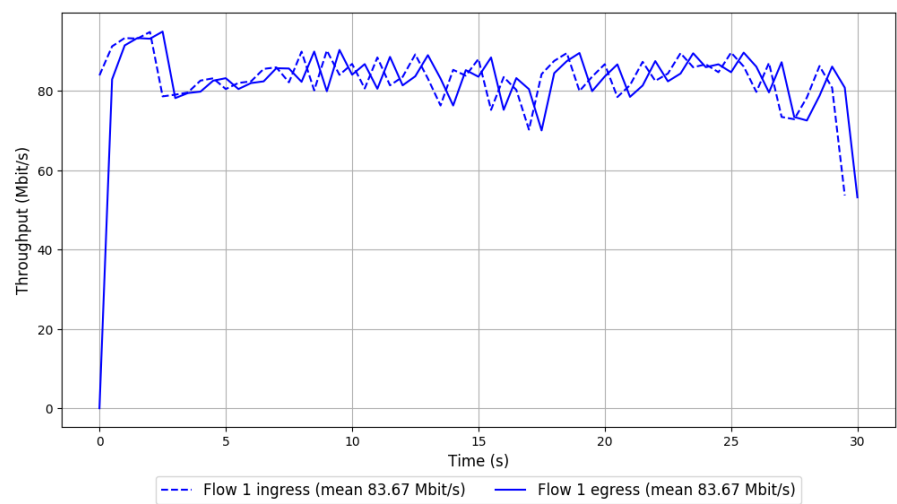
-- Flow 1:

Average throughput: 83.67 Mbit/s

95th percentile per-packet one-way delay: 6.436 ms

Loss rate: 0.02%

Run 10: Report of Indigo — Data Link

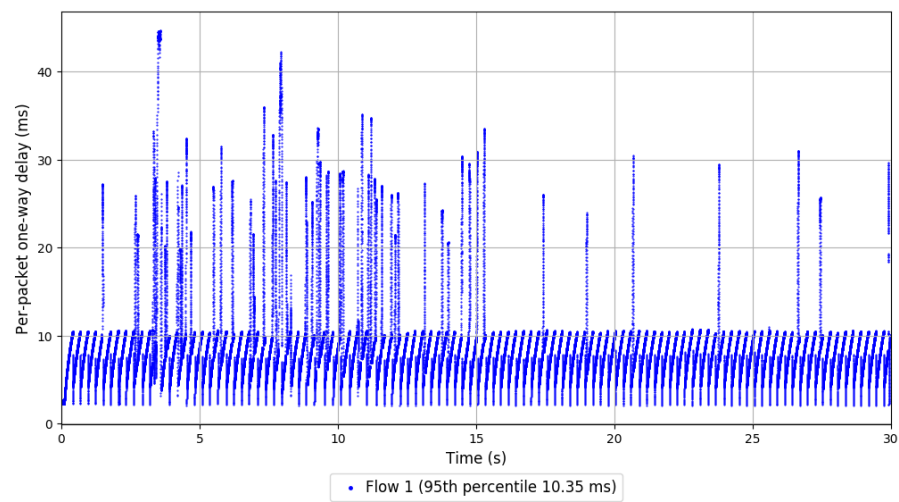
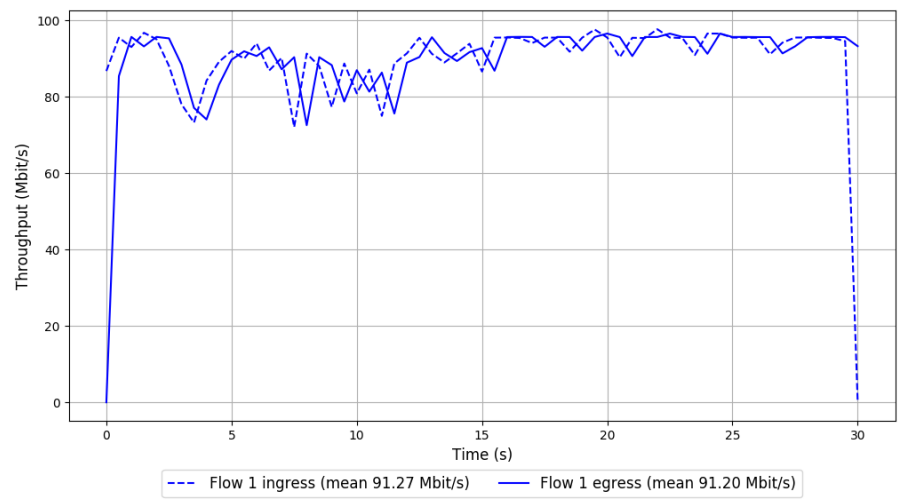


Run 1: Statistics of LEDBAT

Start at: 2018-07-10 12:18:37
End at: 2018-07-10 12:19:07
Local clock offset: -1.159 ms
Remote clock offset: -1.529 ms

Below is generated by plot.py at 2018-07-10 15:39:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.20 Mbit/s
95th percentile per-packet one-way delay: 10.351 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 91.20 Mbit/s
95th percentile per-packet one-way delay: 10.351 ms
Loss rate: 0.09%

Run 1: Report of LEDBAT — Data Link

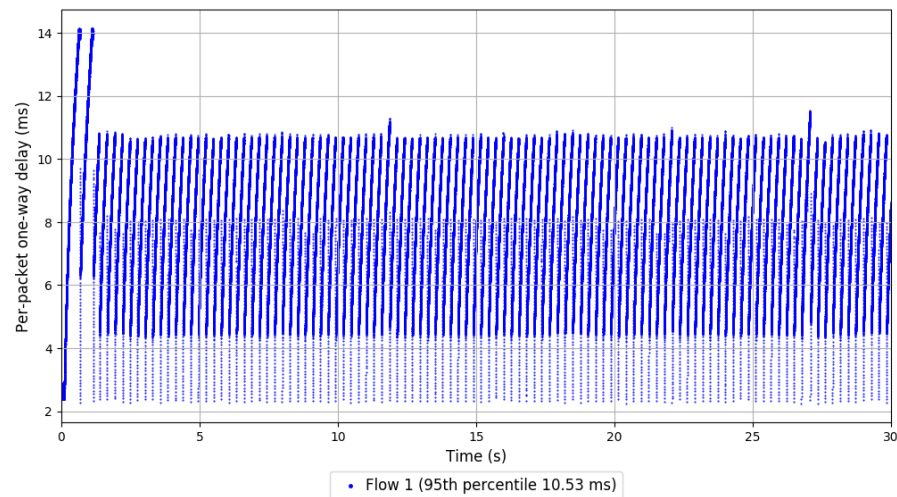
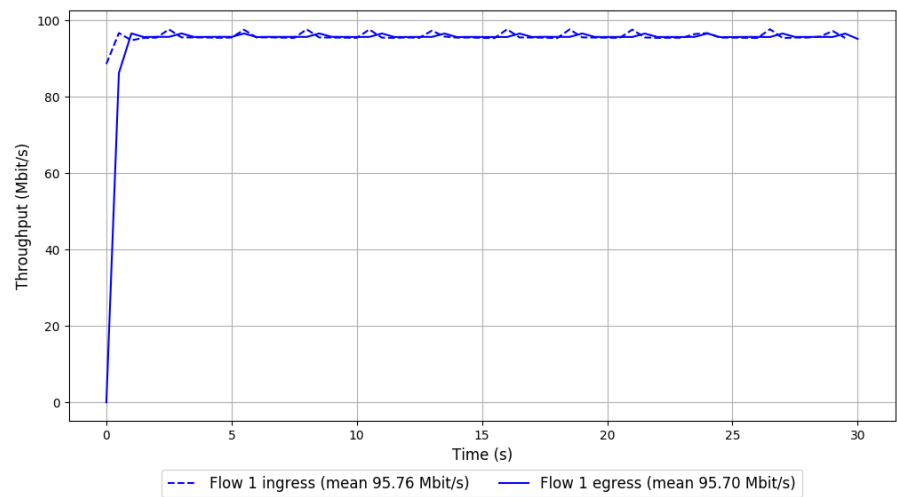


Run 2: Statistics of LEDBAT

Start at: 2018-07-10 12:37:39
End at: 2018-07-10 12:38:09
Local clock offset: -0.92 ms
Remote clock offset: -2.348 ms

Below is generated by plot.py at 2018-07-10 15:39:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 10.527 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 95.70 Mbit/s
95th percentile per-packet one-way delay: 10.527 ms
Loss rate: 0.08%

Run 2: Report of LEDBAT — Data Link

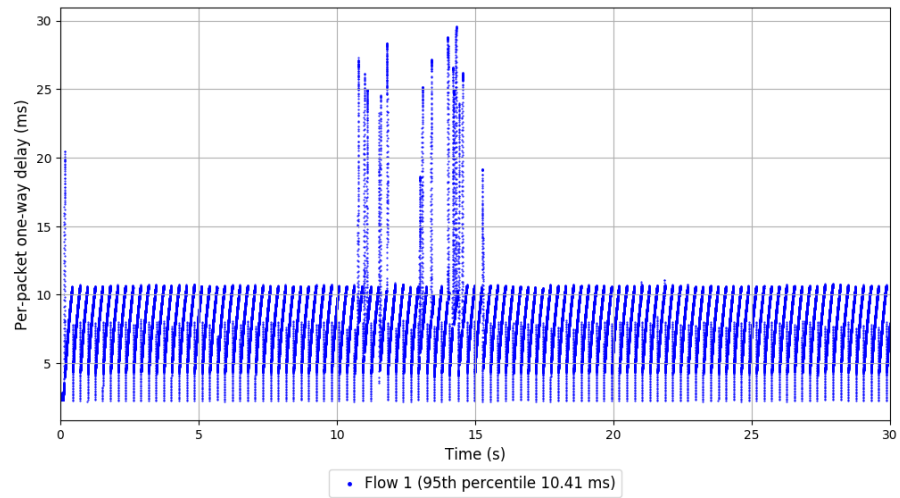
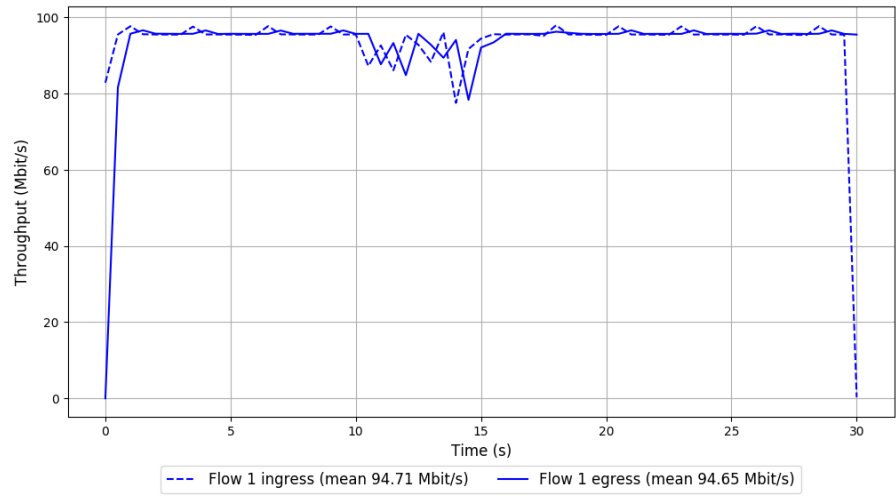


Run 3: Statistics of LEDBAT

Start at: 2018-07-10 12:56:40
End at: 2018-07-10 12:57:10
Local clock offset: -0.77 ms
Remote clock offset: -2.329 ms

Below is generated by plot.py at 2018-07-10 15:40:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.65 Mbit/s
95th percentile per-packet one-way delay: 10.406 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 94.65 Mbit/s
95th percentile per-packet one-way delay: 10.406 ms
Loss rate: 0.08%

Run 3: Report of LEDBAT — Data Link

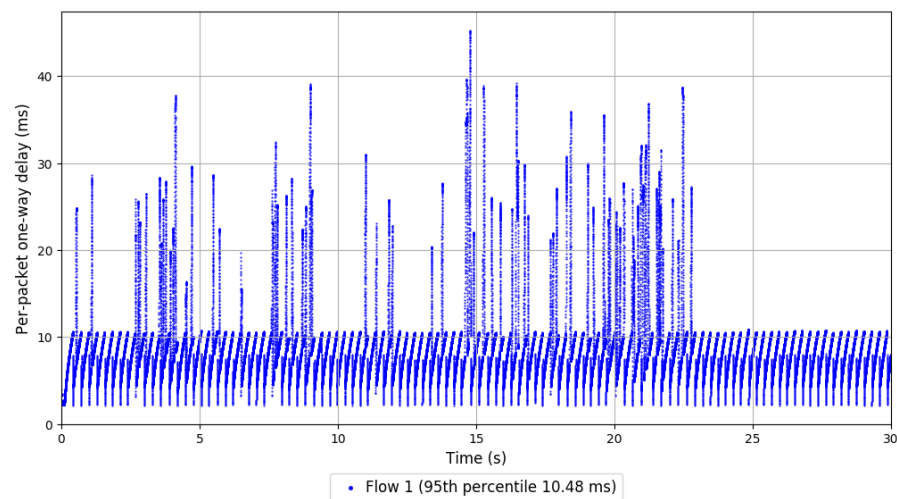
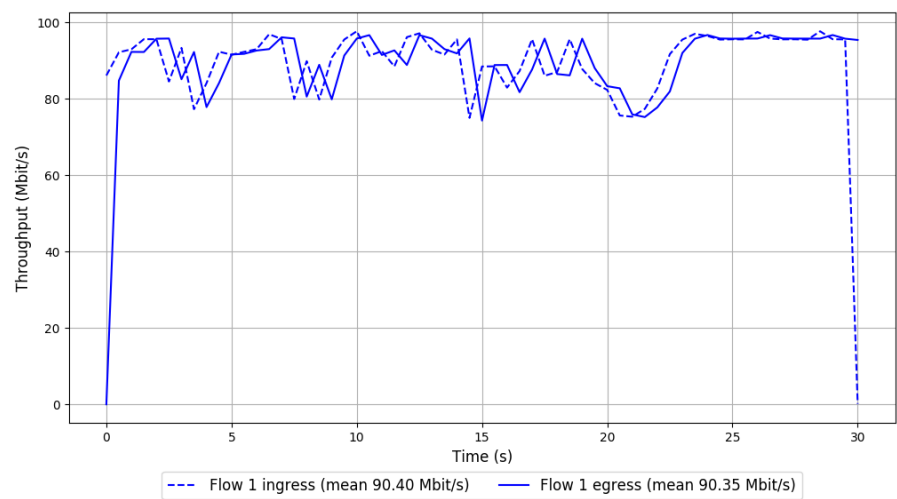


Run 4: Statistics of LEDBAT

Start at: 2018-07-10 13:15:43
End at: 2018-07-10 13:16:14
Local clock offset: -0.65 ms
Remote clock offset: -2.257 ms

Below is generated by plot.py at 2018-07-10 15:40:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.35 Mbit/s
95th percentile per-packet one-way delay: 10.481 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 90.35 Mbit/s
95th percentile per-packet one-way delay: 10.481 ms
Loss rate: 0.08%

Run 4: Report of LEDBAT — Data Link

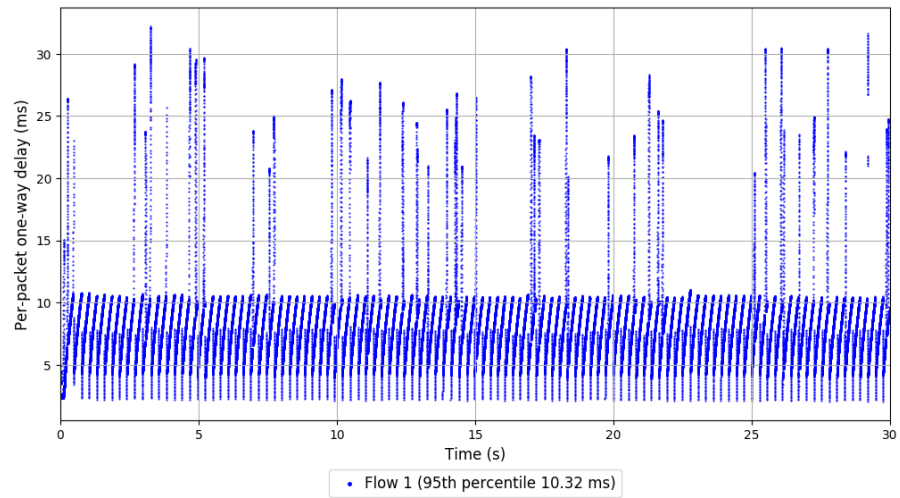
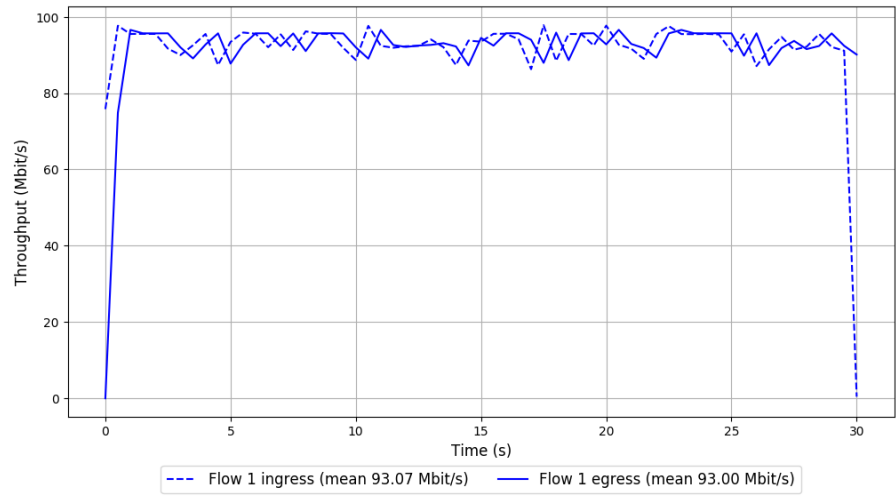


Run 5: Statistics of LEDBAT

Start at: 2018-07-10 13:34:43
End at: 2018-07-10 13:35:13
Local clock offset: -0.459 ms
Remote clock offset: -6.421 ms

Below is generated by plot.py at 2018-07-10 15:40:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.00 Mbit/s
95th percentile per-packet one-way delay: 10.322 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 93.00 Mbit/s
95th percentile per-packet one-way delay: 10.322 ms
Loss rate: 0.09%

Run 5: Report of LEDBAT — Data Link

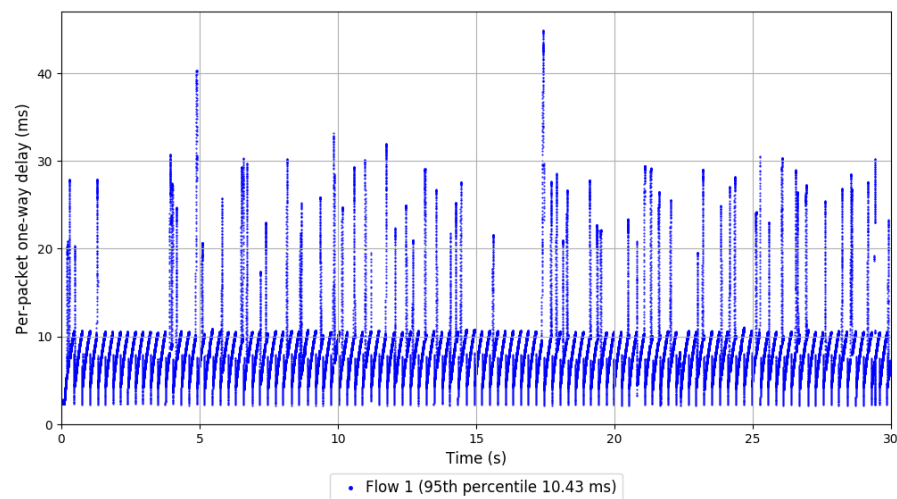
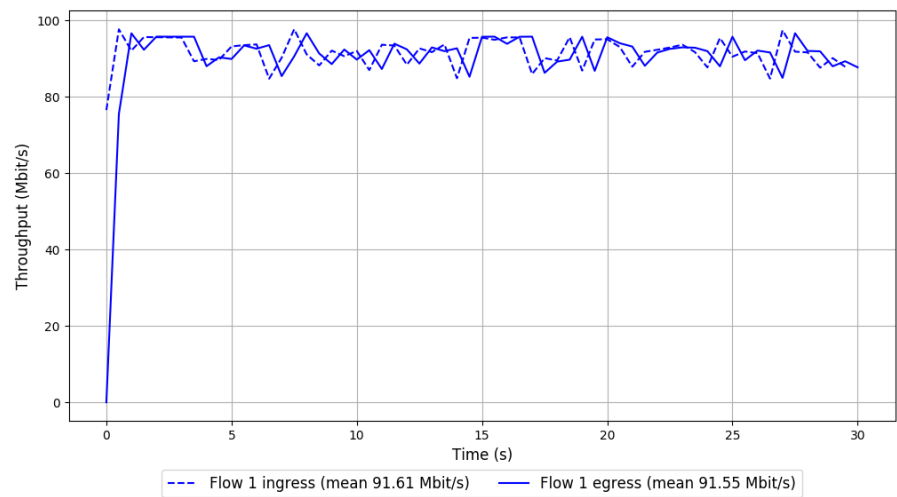


Run 6: Statistics of LEDBAT

Start at: 2018-07-10 13:53:41
End at: 2018-07-10 13:54:11
Local clock offset: -0.443 ms
Remote clock offset: -9.265 ms

Below is generated by plot.py at 2018-07-10 15:40:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 10.425 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 10.425 ms
Loss rate: 0.08%

Run 6: Report of LEDBAT — Data Link

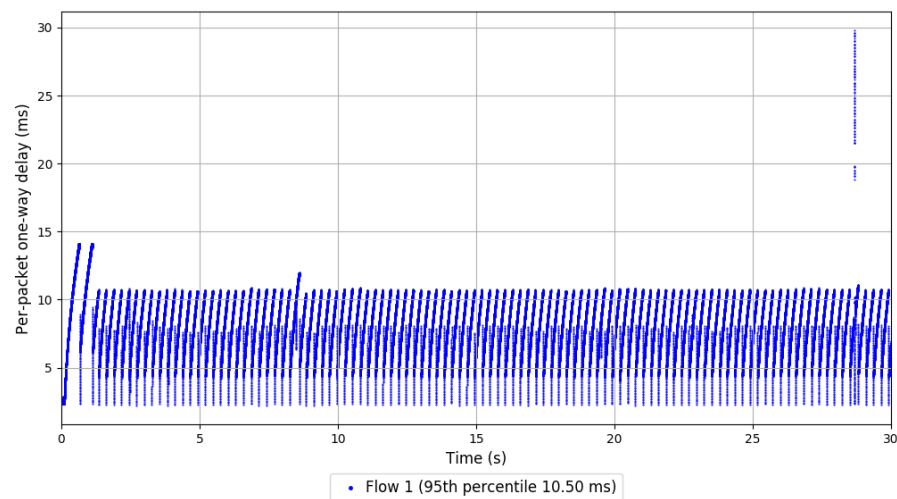
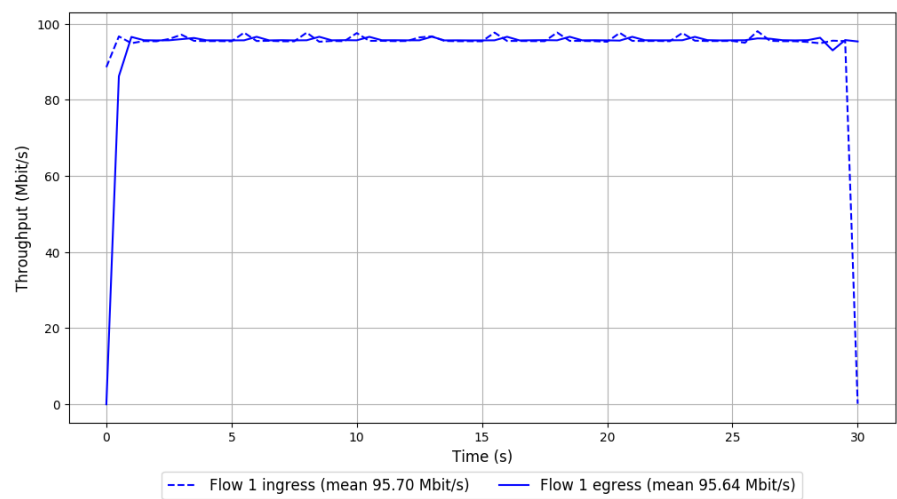


Run 7: Statistics of LEDBAT

Start at: 2018-07-10 14:12:39
End at: 2018-07-10 14:13:09
Local clock offset: -0.281 ms
Remote clock offset: -8.002 ms

Below is generated by plot.py at 2018-07-10 15:40:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 10.504 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 95.64 Mbit/s
95th percentile per-packet one-way delay: 10.504 ms
Loss rate: 0.07%

Run 7: Report of LEDBAT — Data Link

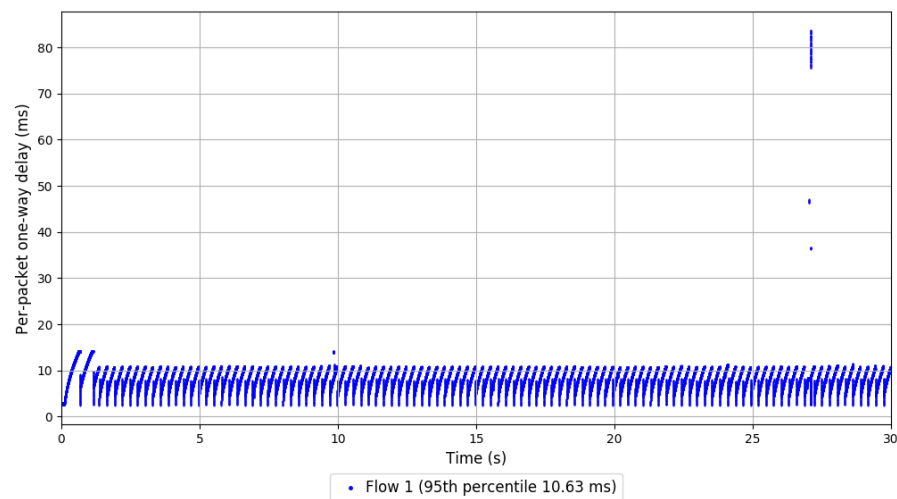
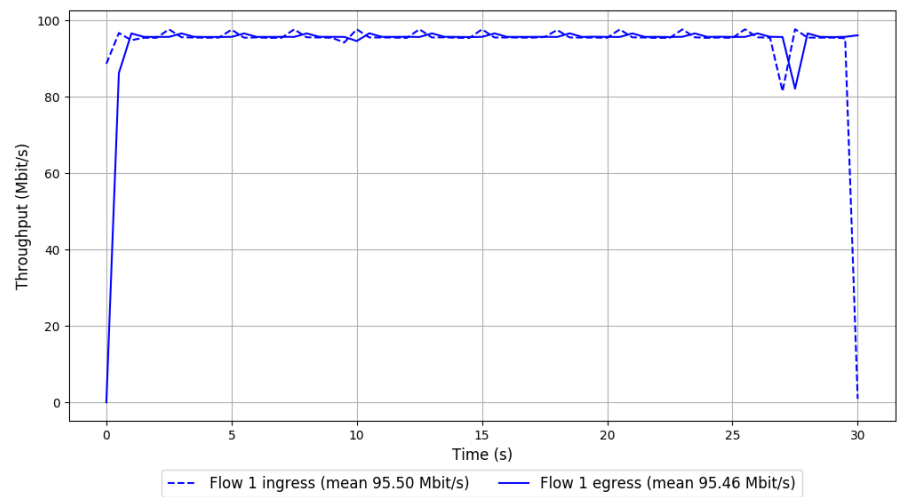


Run 8: Statistics of LEDBAT

Start at: 2018-07-10 14:31:38
End at: 2018-07-10 14:32:08
Local clock offset: -0.198 ms
Remote clock offset: -8.275 ms

Below is generated by plot.py at 2018-07-10 15:40:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.46 Mbit/s
95th percentile per-packet one-way delay: 10.627 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 95.46 Mbit/s
95th percentile per-packet one-way delay: 10.627 ms
Loss rate: 0.07%

Run 8: Report of LEDBAT — Data Link

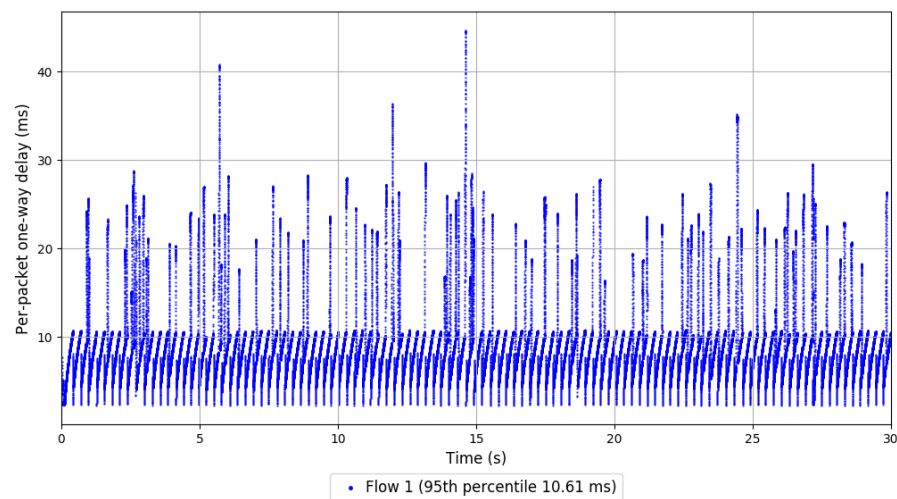
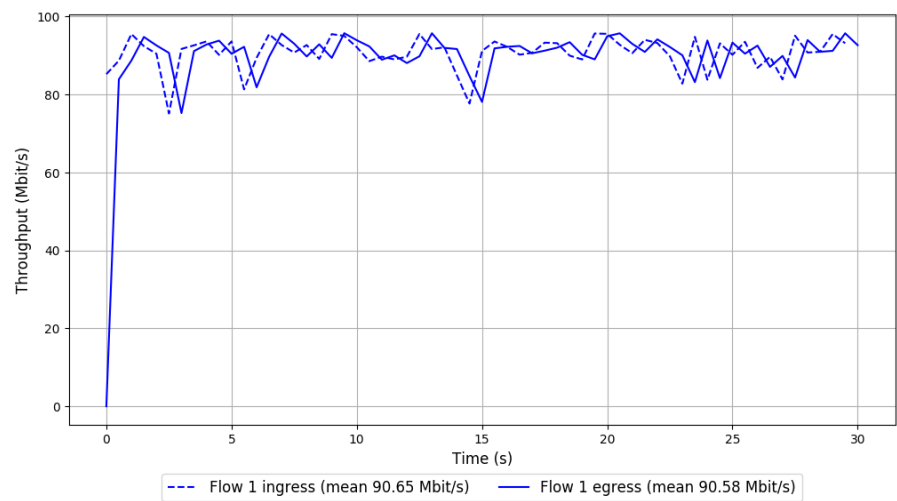


Run 9: Statistics of LEDBAT

Start at: 2018-07-10 14:50:41
End at: 2018-07-10 14:51:11
Local clock offset: -0.313 ms
Remote clock offset: -6.958 ms

Below is generated by plot.py at 2018-07-10 15:40:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.58 Mbit/s
95th percentile per-packet one-way delay: 10.607 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 90.58 Mbit/s
95th percentile per-packet one-way delay: 10.607 ms
Loss rate: 0.08%

Run 9: Report of LEDBAT — Data Link

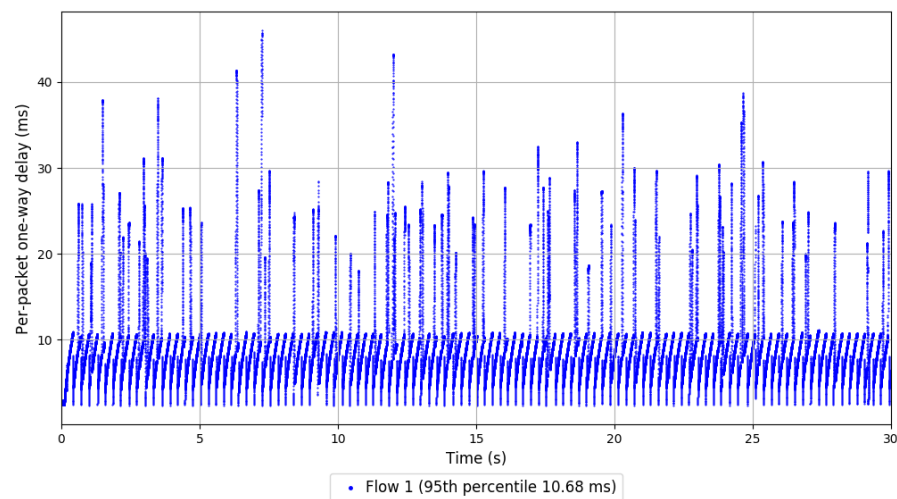
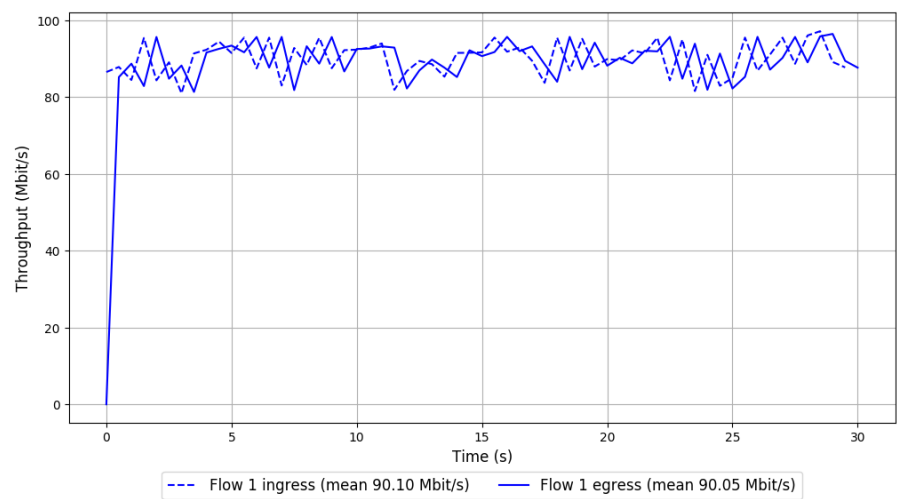


Run 10: Statistics of LEDBAT

Start at: 2018-07-10 15:09:36
End at: 2018-07-10 15:10:06
Local clock offset: -0.451 ms
Remote clock offset: -6.724 ms

Below is generated by plot.py at 2018-07-10 15:40:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.05 Mbit/s
95th percentile per-packet one-way delay: 10.678 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 90.05 Mbit/s
95th percentile per-packet one-way delay: 10.678 ms
Loss rate: 0.08%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2018-07-10 12:32:05

End at: 2018-07-10 12:32:35

Local clock offset: -0.961 ms

Remote clock offset: -2.287 ms

Below is generated by plot.py at 2018-07-10 15:41:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.78 Mbit/s

95th percentile per-packet one-way delay: 13.803 ms

Loss rate: 0.12%

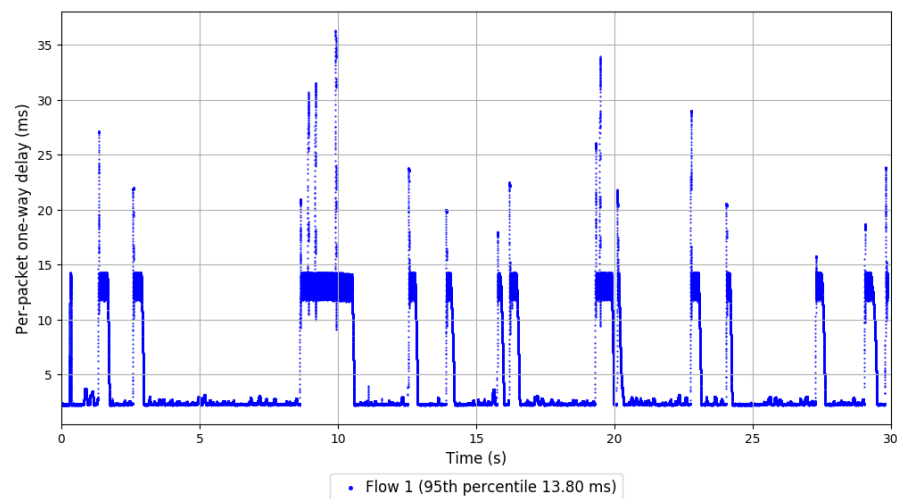
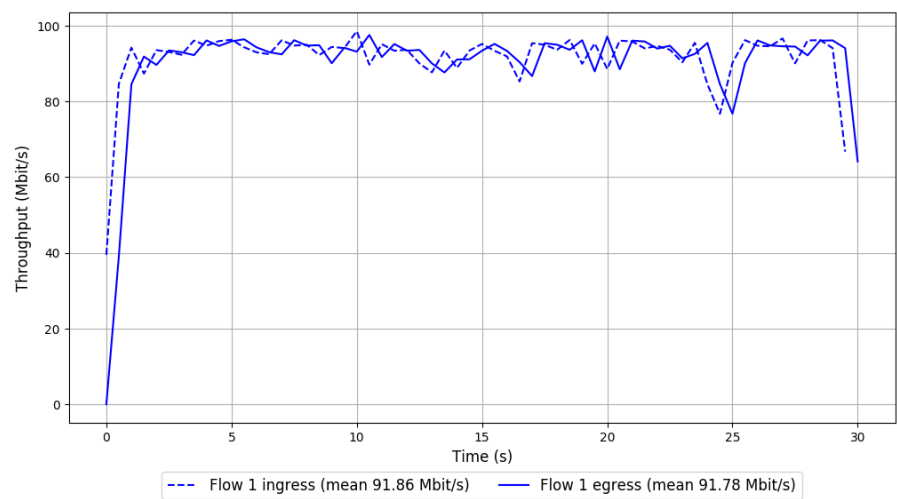
-- Flow 1:

Average throughput: 91.78 Mbit/s

95th percentile per-packet one-way delay: 13.803 ms

Loss rate: 0.12%

Run 1: Report of PCC-Allegro — Data Link

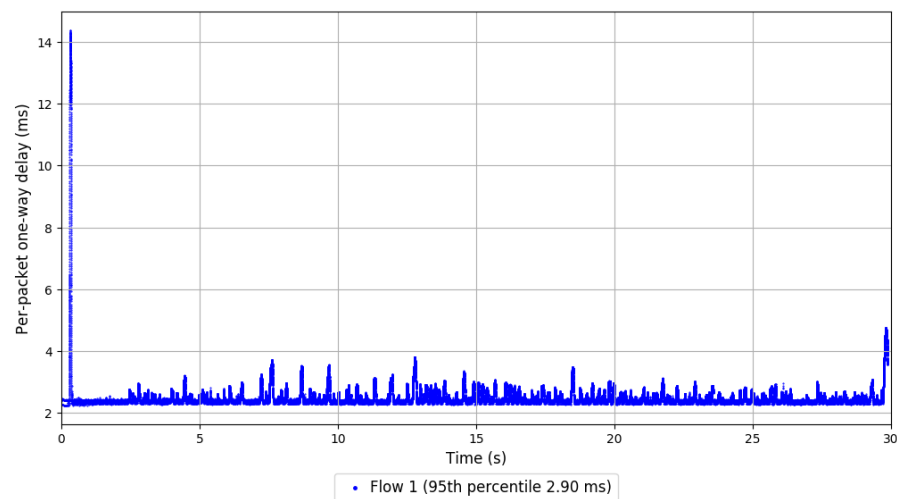
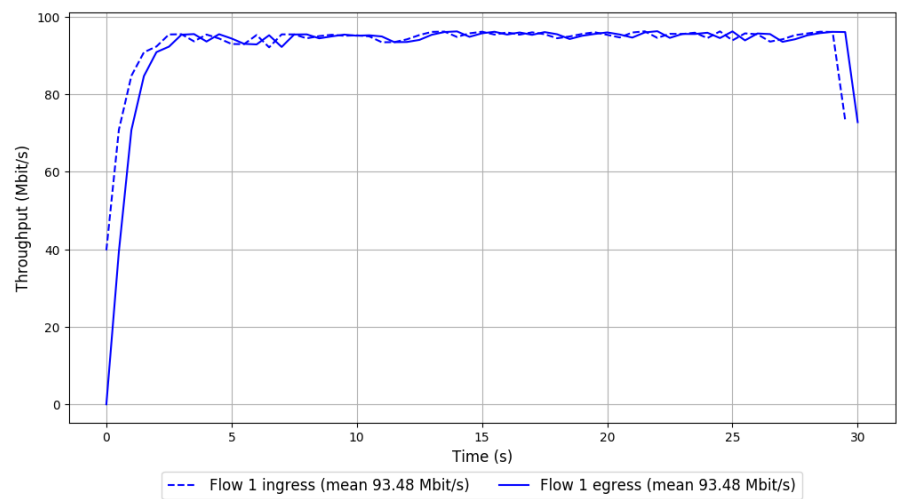


Run 2: Statistics of PCC-Allegro

Start at: 2018-07-10 12:51:07
End at: 2018-07-10 12:51:37
Local clock offset: -0.771 ms
Remote clock offset: -2.164 ms

Below is generated by plot.py at 2018-07-10 15:41:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.48 Mbit/s
95th percentile per-packet one-way delay: 2.904 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 93.48 Mbit/s
95th percentile per-packet one-way delay: 2.904 ms
Loss rate: 0.02%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-07-10 13:10:09

End at: 2018-07-10 13:10:39

Local clock offset: -0.624 ms

Remote clock offset: -2.421 ms

Below is generated by plot.py at 2018-07-10 15:41:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.13 Mbit/s

95th percentile per-packet one-way delay: 3.117 ms

Loss rate: 0.02%

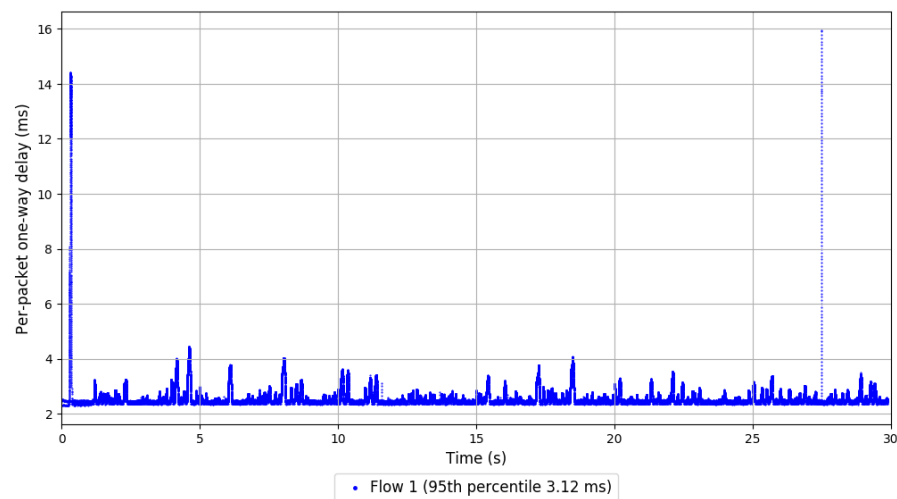
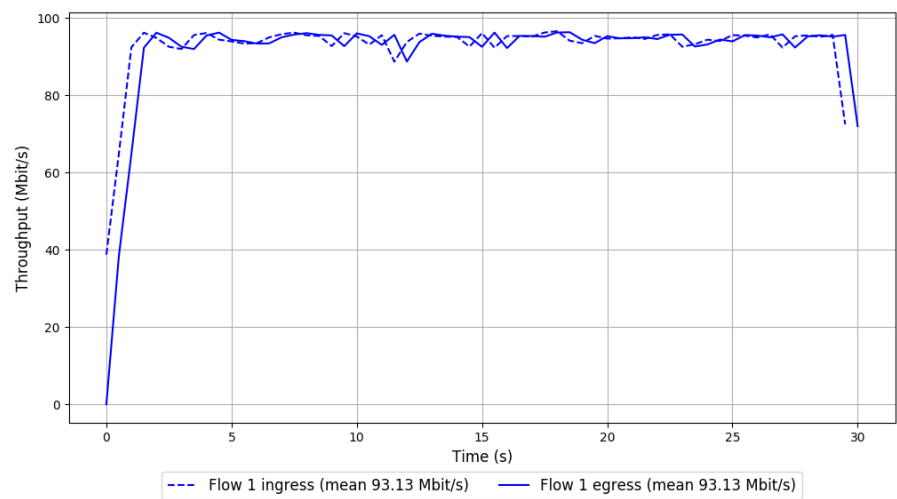
-- Flow 1:

Average throughput: 93.13 Mbit/s

95th percentile per-packet one-way delay: 3.117 ms

Loss rate: 0.02%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-07-10 13:29:10

End at: 2018-07-10 13:29:40

Local clock offset: -0.51 ms

Remote clock offset: -4.525 ms

Below is generated by plot.py at 2018-07-10 15:41:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.81 Mbit/s

95th percentile per-packet one-way delay: 14.017 ms

Loss rate: 0.20%

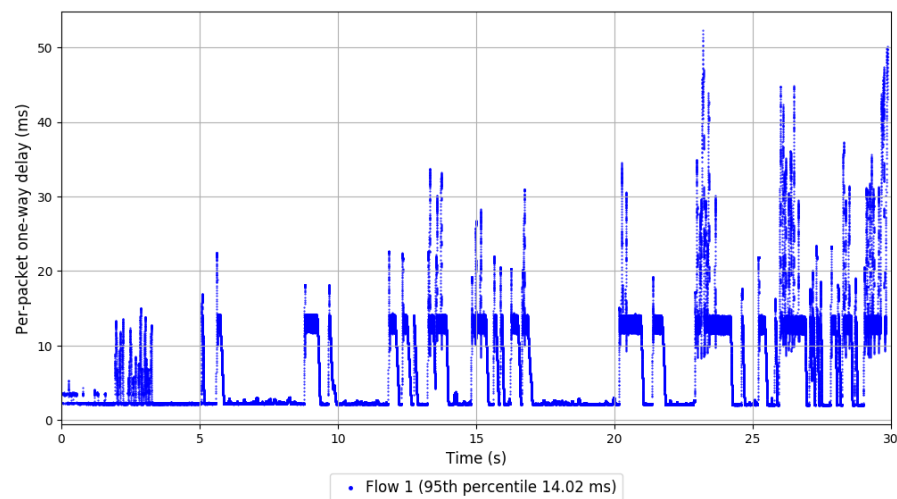
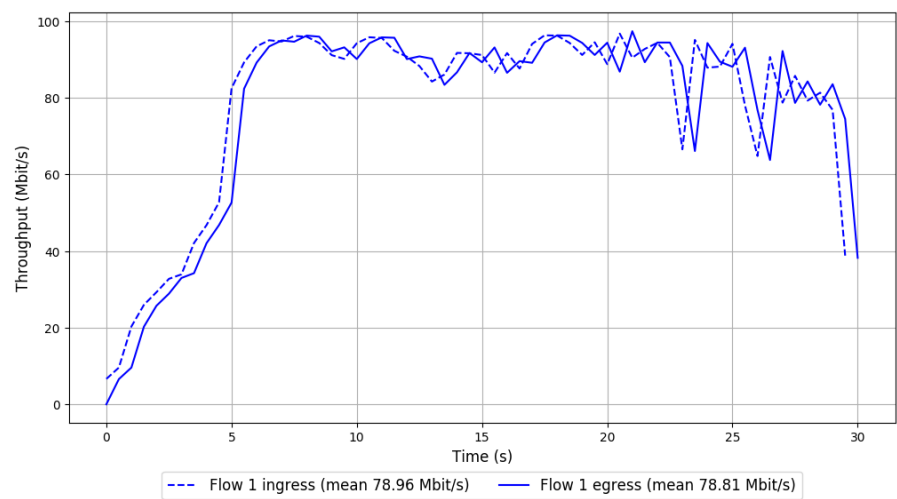
-- Flow 1:

Average throughput: 78.81 Mbit/s

95th percentile per-packet one-way delay: 14.017 ms

Loss rate: 0.20%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-07-10 13:48:07

End at: 2018-07-10 13:48:37

Local clock offset: -0.345 ms

Remote clock offset: -8.68 ms

Below is generated by plot.py at 2018-07-10 15:41:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.95 Mbit/s

95th percentile per-packet one-way delay: 14.138 ms

Loss rate: 0.39%

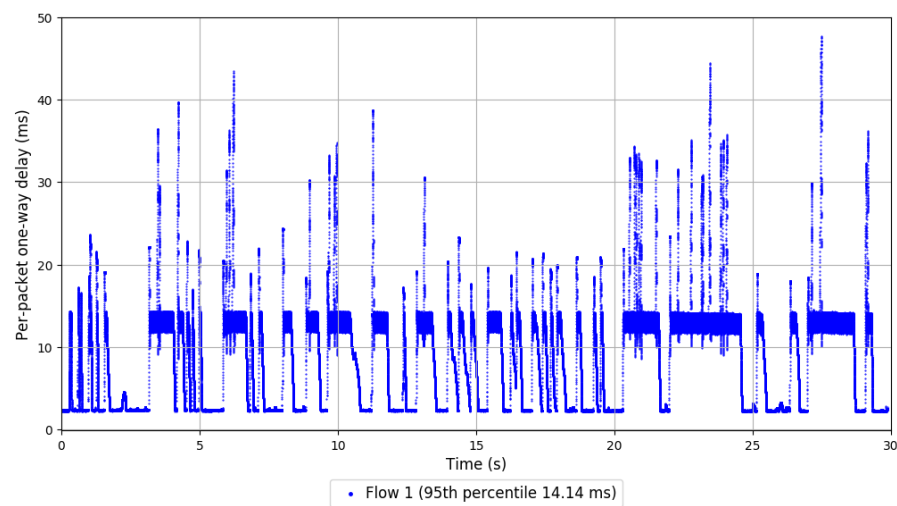
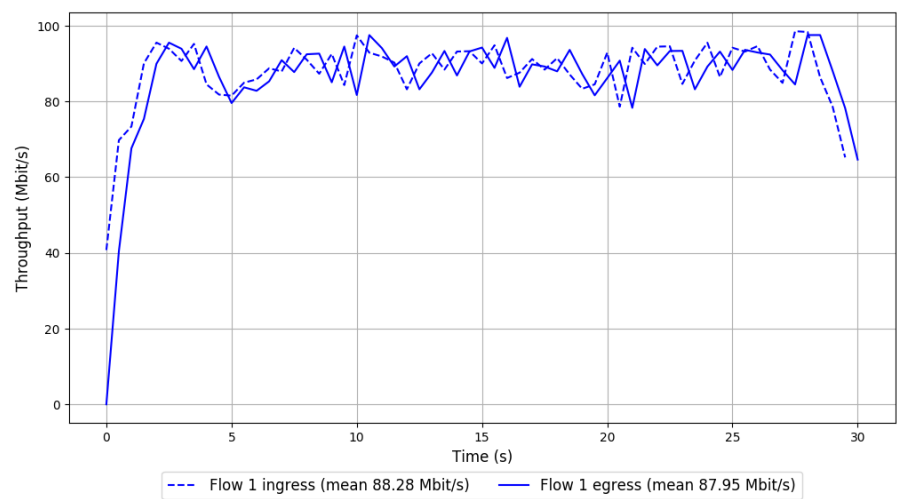
-- Flow 1:

Average throughput: 87.95 Mbit/s

95th percentile per-packet one-way delay: 14.138 ms

Loss rate: 0.39%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-07-10 14:07:05

End at: 2018-07-10 14:07:35

Local clock offset: -0.33 ms

Remote clock offset: -8.392 ms

Below is generated by plot.py at 2018-07-10 15:41:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.37 Mbit/s

95th percentile per-packet one-way delay: 25.257 ms

Loss rate: 1.08%

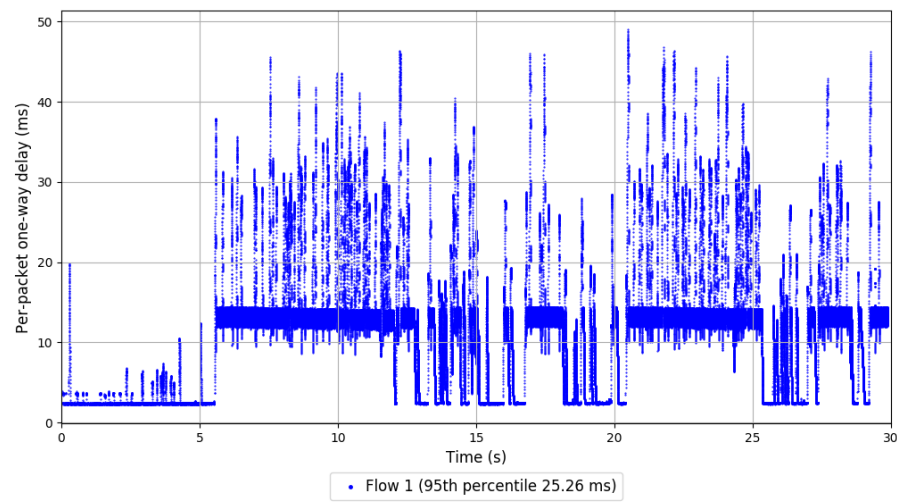
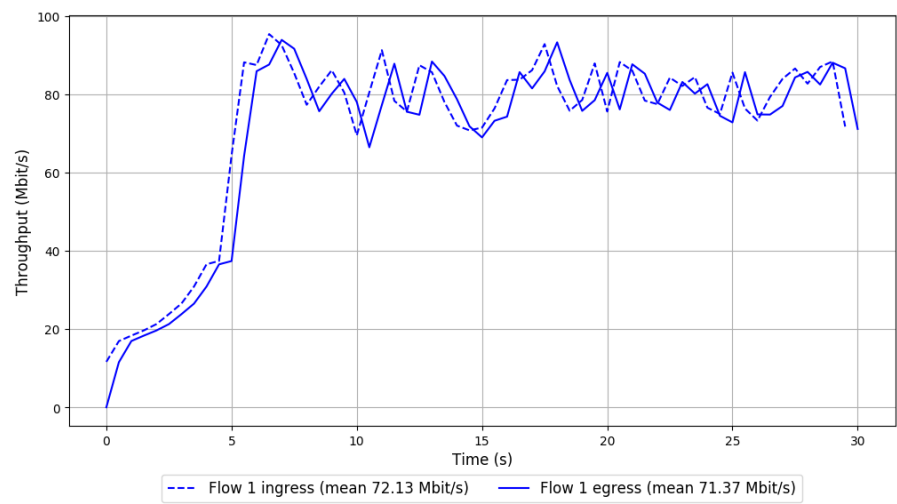
-- Flow 1:

Average throughput: 71.37 Mbit/s

95th percentile per-packet one-way delay: 25.257 ms

Loss rate: 1.08%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-07-10 14:26:04

End at: 2018-07-10 14:26:34

Local clock offset: -0.233 ms

Remote clock offset: -7.971 ms

Below is generated by plot.py at 2018-07-10 15:41:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.93 Mbit/s

95th percentile per-packet one-way delay: 22.327 ms

Loss rate: 1.91%

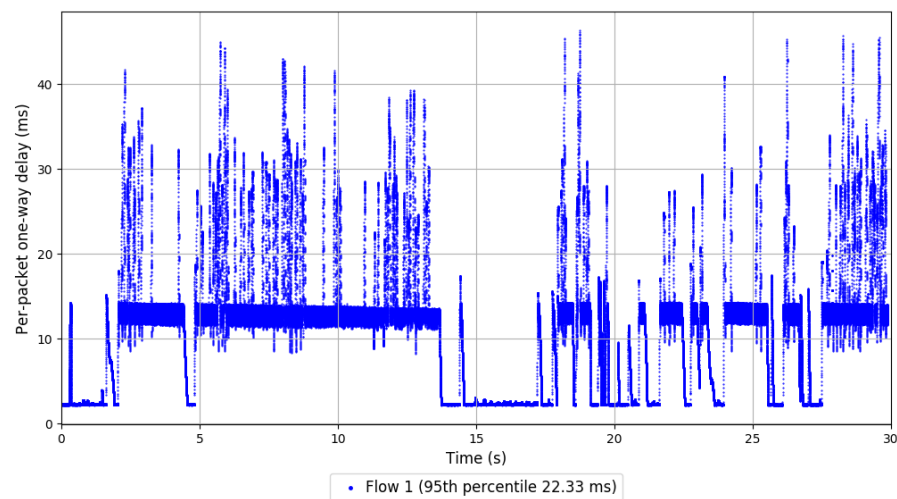
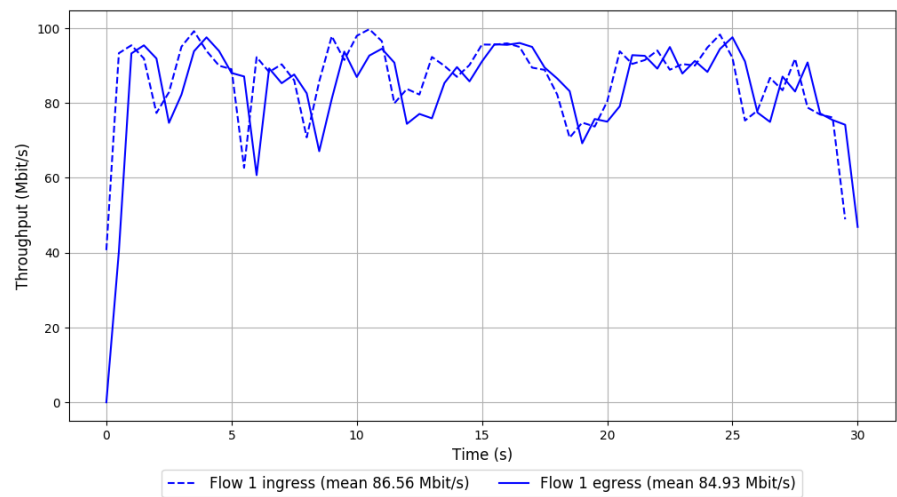
-- Flow 1:

Average throughput: 84.93 Mbit/s

95th percentile per-packet one-way delay: 22.327 ms

Loss rate: 1.91%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-07-10 14:45:07

End at: 2018-07-10 14:45:37

Local clock offset: -0.272 ms

Remote clock offset: -7.16 ms

Below is generated by plot.py at 2018-07-10 15:41:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.45 Mbit/s

95th percentile per-packet one-way delay: 14.319 ms

Loss rate: 0.71%

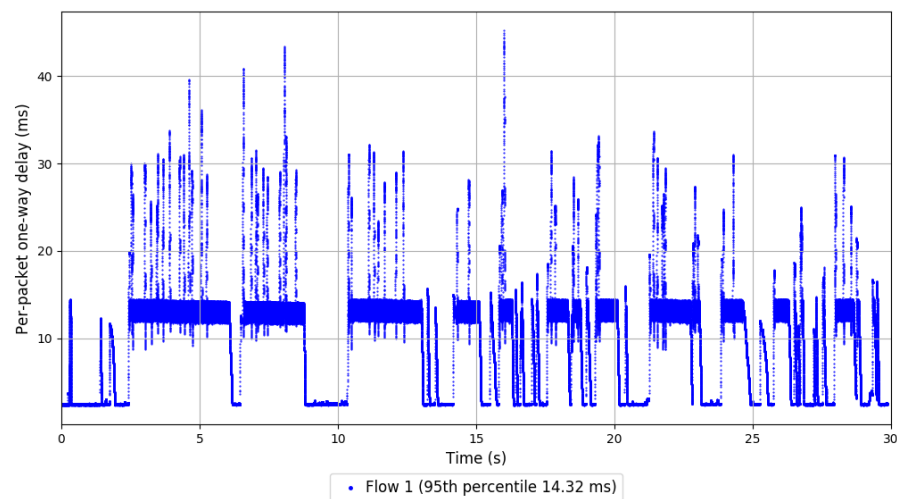
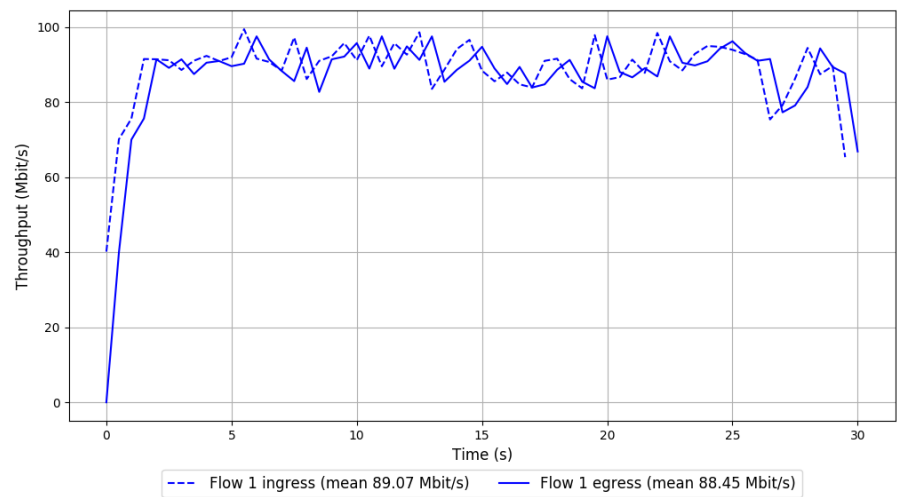
-- Flow 1:

Average throughput: 88.45 Mbit/s

95th percentile per-packet one-way delay: 14.319 ms

Loss rate: 0.71%

Run 8: Report of PCC-Allegro — Data Link

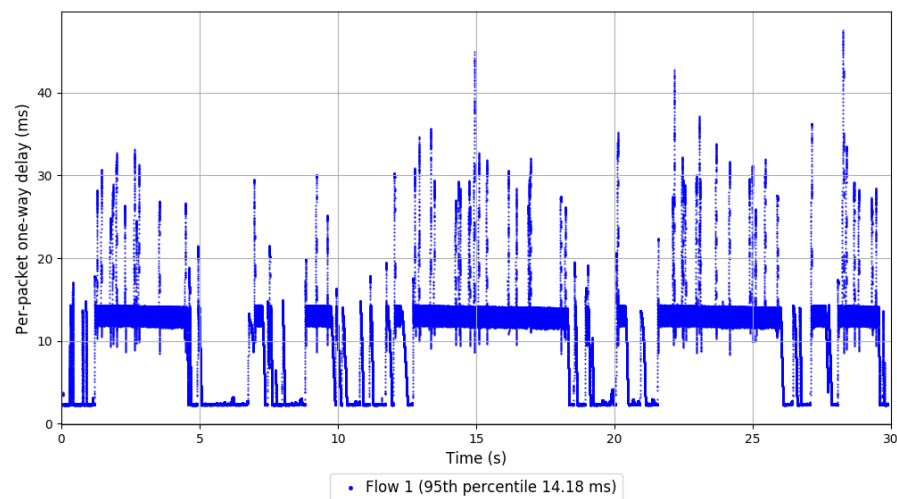
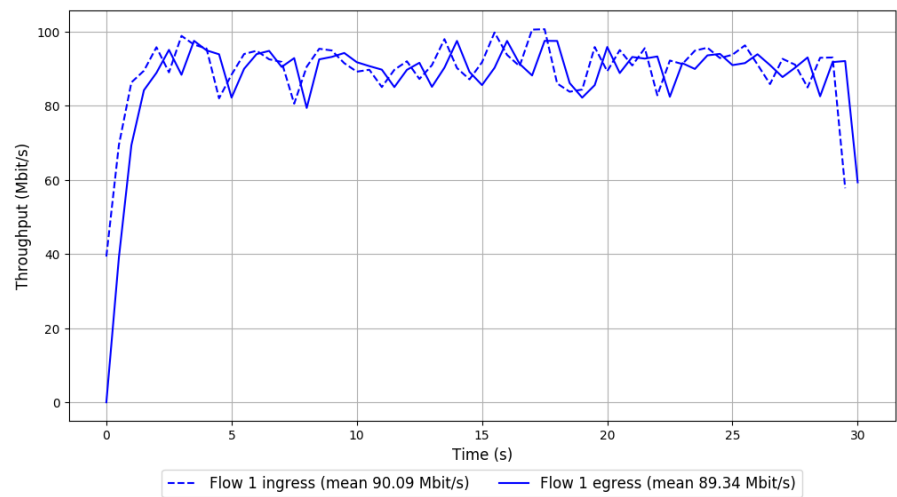


Run 9: Statistics of PCC-Allegro

Start at: 2018-07-10 15:04:03
End at: 2018-07-10 15:04:33
Local clock offset: -0.404 ms
Remote clock offset: -6.913 ms

Below is generated by plot.py at 2018-07-10 15:42:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.34 Mbit/s
95th percentile per-packet one-way delay: 14.184 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 89.34 Mbit/s
95th percentile per-packet one-way delay: 14.184 ms
Loss rate: 0.86%

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

Start at: 2018-07-10 15:22:59

End at: 2018-07-10 15:23:29

Local clock offset: -0.649 ms

Remote clock offset: -6.02 ms

Below is generated by plot.py at 2018-07-10 15:42:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.01 Mbit/s

95th percentile per-packet one-way delay: 14.090 ms

Loss rate: 0.24%

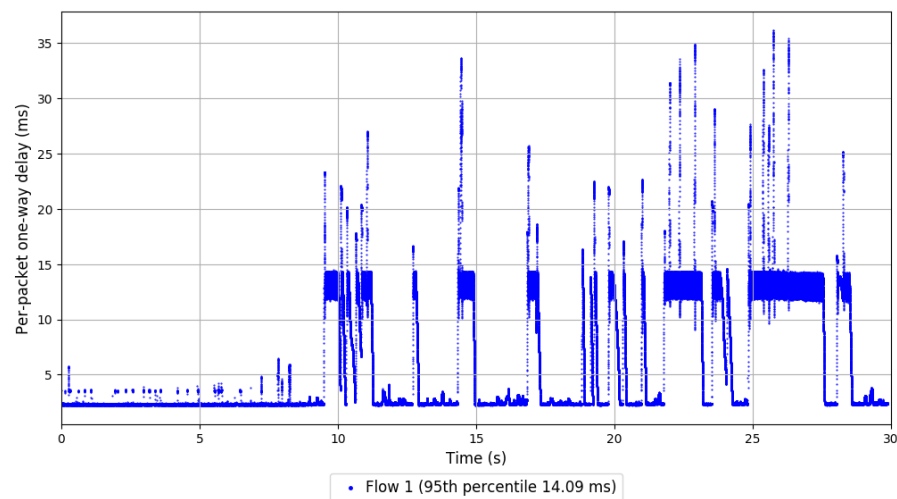
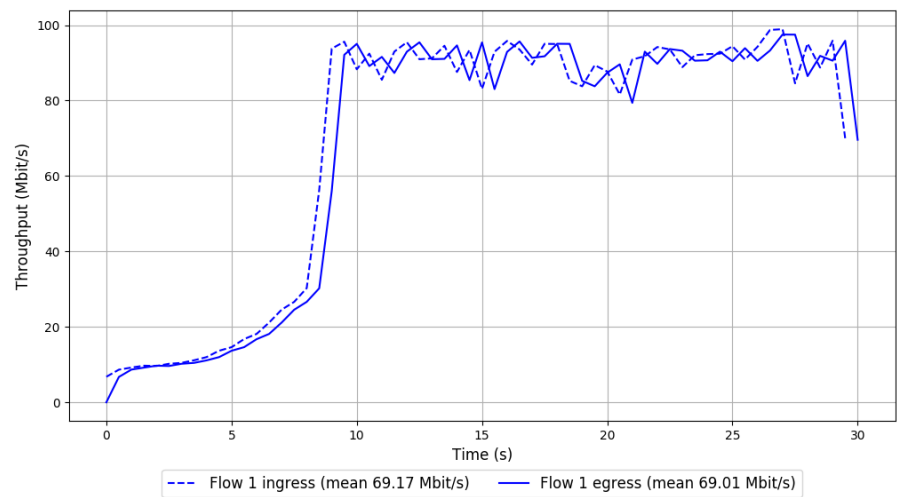
-- Flow 1:

Average throughput: 69.01 Mbit/s

95th percentile per-packet one-way delay: 14.090 ms

Loss rate: 0.24%

Run 10: Report of PCC-Allegro — Data Link

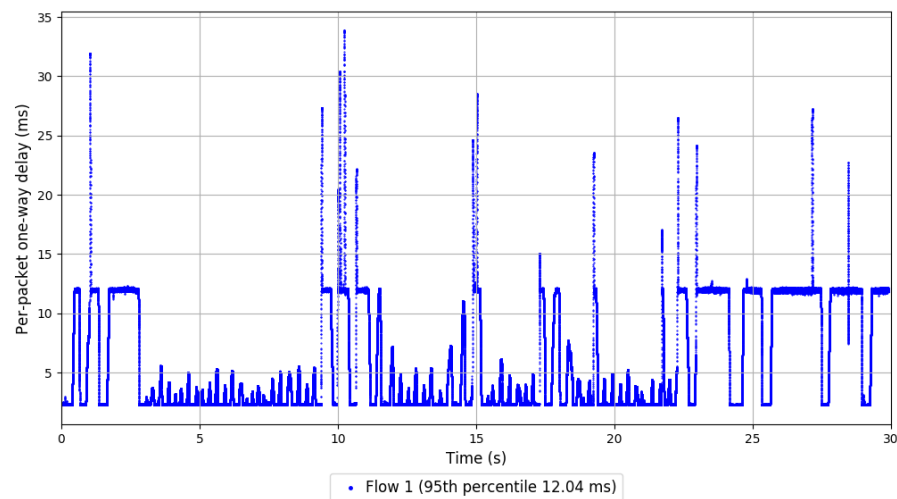
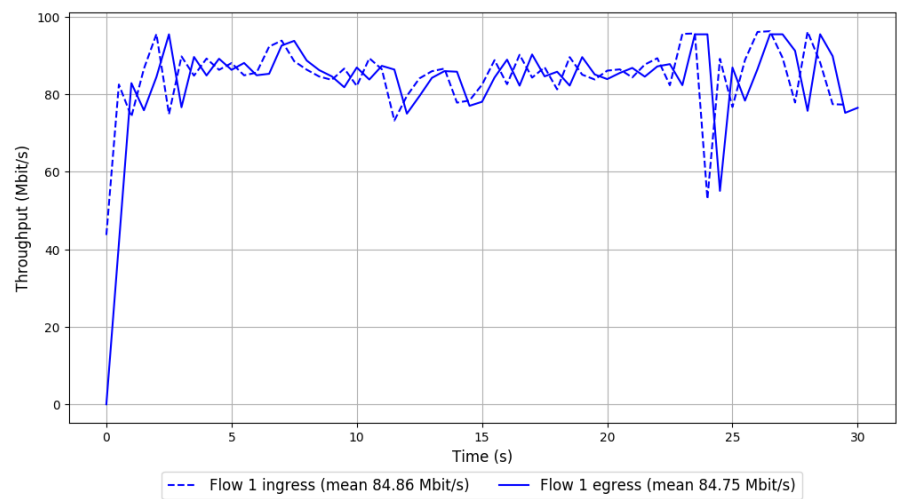


```
Run 1: Statistics of PCC-Expr

Start at: 2018-07-10 12:28:43
End at: 2018-07-10 12:29:13
Local clock offset: -1.016 ms
Remote clock offset: -2.232 ms

# Below is generated by plot.py at 2018-07-10 15:43:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.75 Mbit/s
95th percentile per-packet one-way delay: 12.035 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 84.75 Mbit/s
95th percentile per-packet one-way delay: 12.035 ms
Loss rate: 0.16%
```

Run 1: Report of PCC-Expr — Data Link

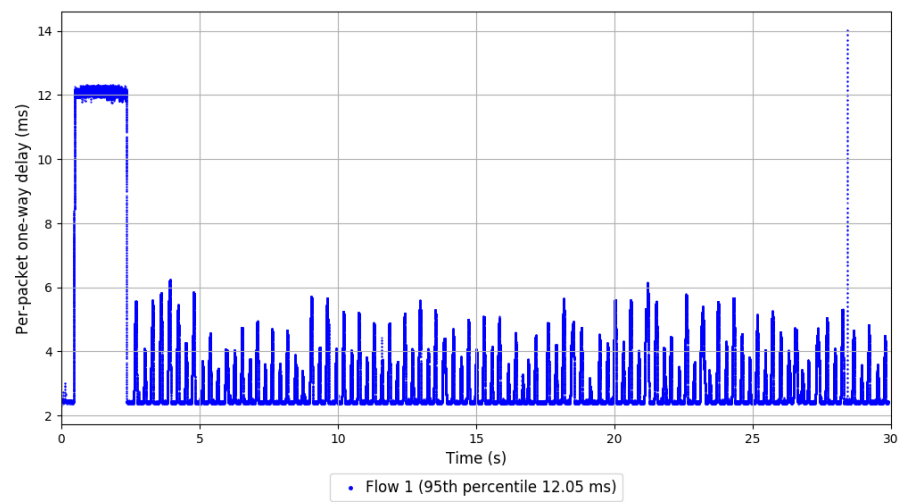
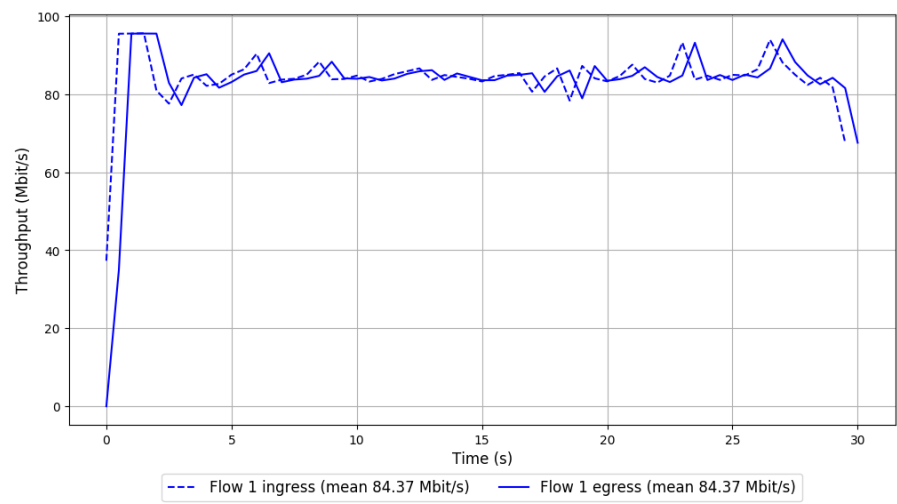


Run 2: Statistics of PCC-Expr

Start at: 2018-07-10 12:47:46
End at: 2018-07-10 12:48:16
Local clock offset: -0.805 ms
Remote clock offset: -2.212 ms

Below is generated by plot.py at 2018-07-10 15:43:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.37 Mbit/s
95th percentile per-packet one-way delay: 12.051 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 84.37 Mbit/s
95th percentile per-packet one-way delay: 12.051 ms
Loss rate: 0.02%

Run 2: Report of PCC-Expr — Data Link

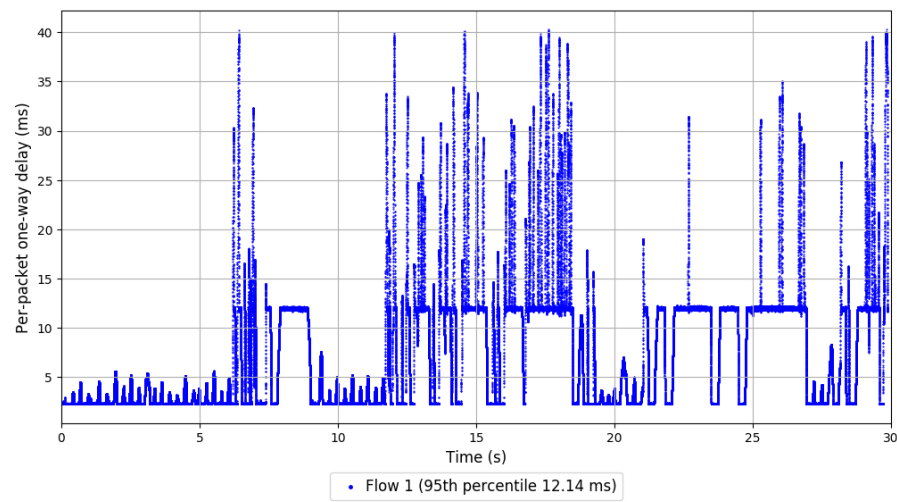
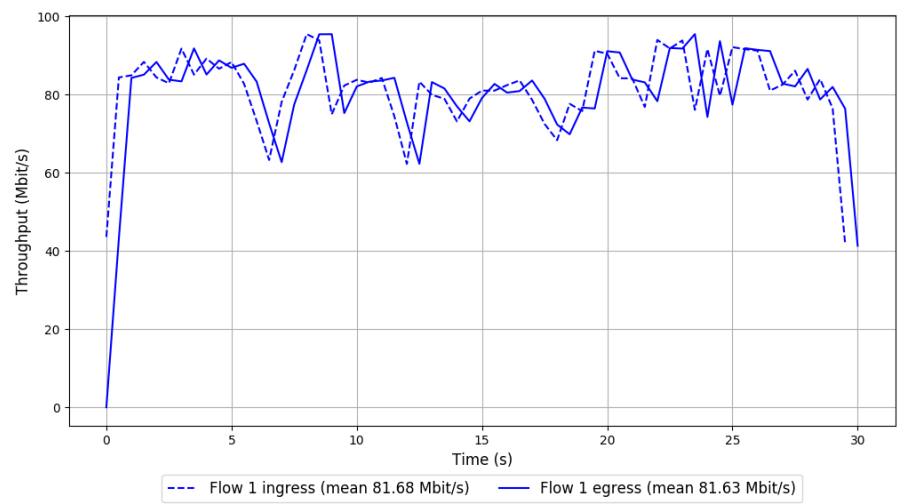


Run 3: Statistics of PCC-Expr

Start at: 2018-07-10 13:06:48
End at: 2018-07-10 13:07:18
Local clock offset: -0.645 ms
Remote clock offset: -2.318 ms

Below is generated by plot.py at 2018-07-10 15:43:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.63 Mbit/s
95th percentile per-packet one-way delay: 12.142 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 81.63 Mbit/s
95th percentile per-packet one-way delay: 12.142 ms
Loss rate: 0.10%

Run 3: Report of PCC-Expr — Data Link

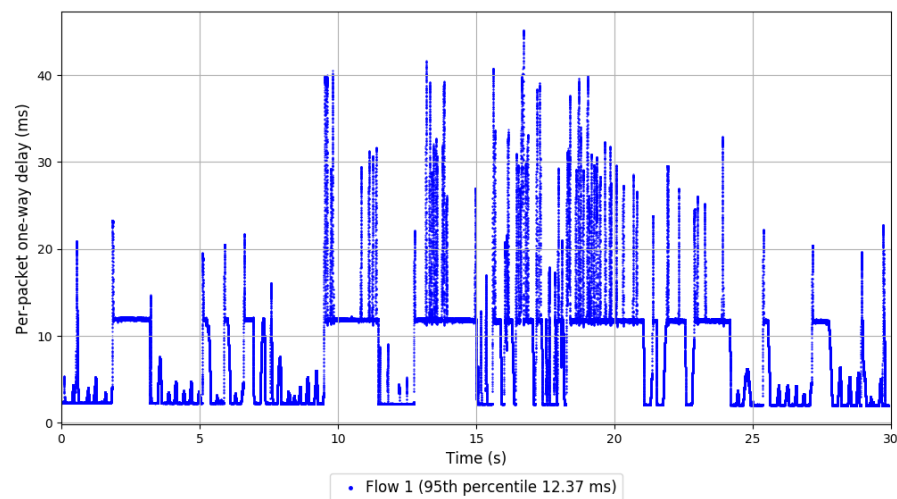
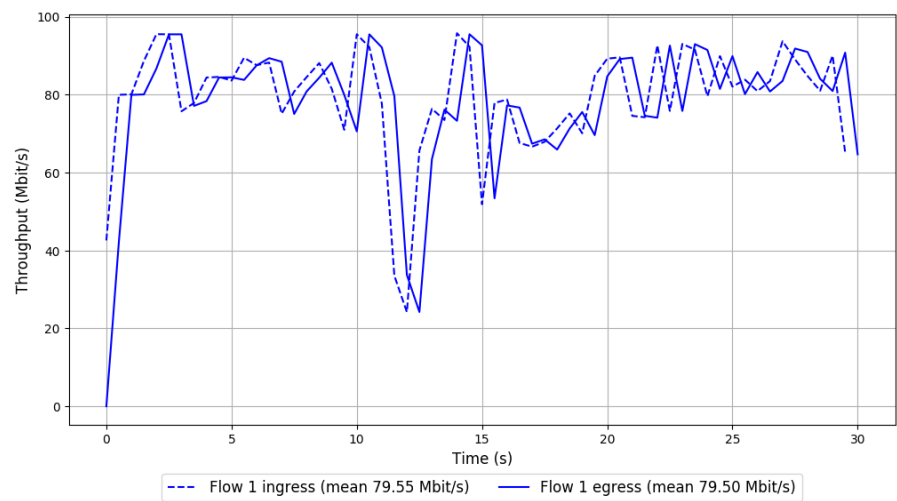


Run 4: Statistics of PCC-Expr

Start at: 2018-07-10 13:25:49
End at: 2018-07-10 13:26:19
Local clock offset: -0.531 ms
Remote clock offset: -2.731 ms

Below is generated by plot.py at 2018-07-10 15:43:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.50 Mbit/s
95th percentile per-packet one-way delay: 12.374 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 79.50 Mbit/s
95th percentile per-packet one-way delay: 12.374 ms
Loss rate: 0.08%

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

Start at: 2018-07-10 13:44:45

End at: 2018-07-10 13:45:15

Local clock offset: -0.37 ms

Remote clock offset: -8.3 ms

Below is generated by plot.py at 2018-07-10 15:43:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.75 Mbit/s

95th percentile per-packet one-way delay: 12.110 ms

Loss rate: 0.06%

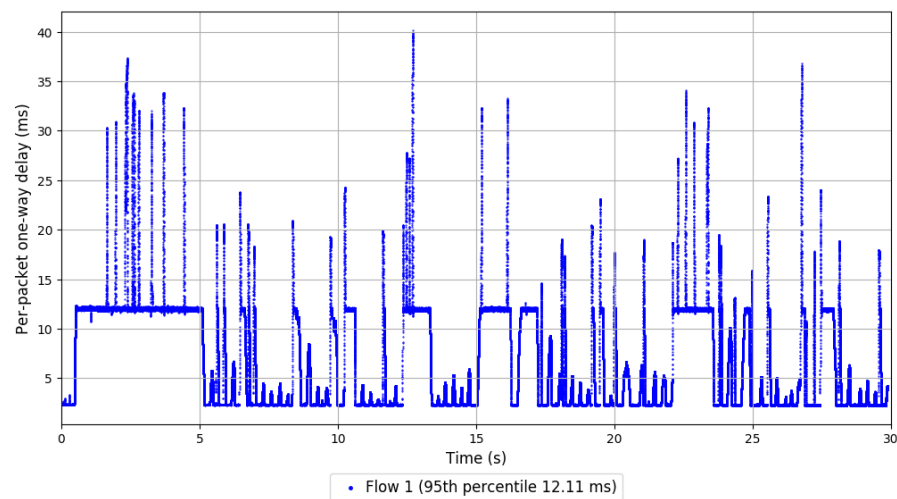
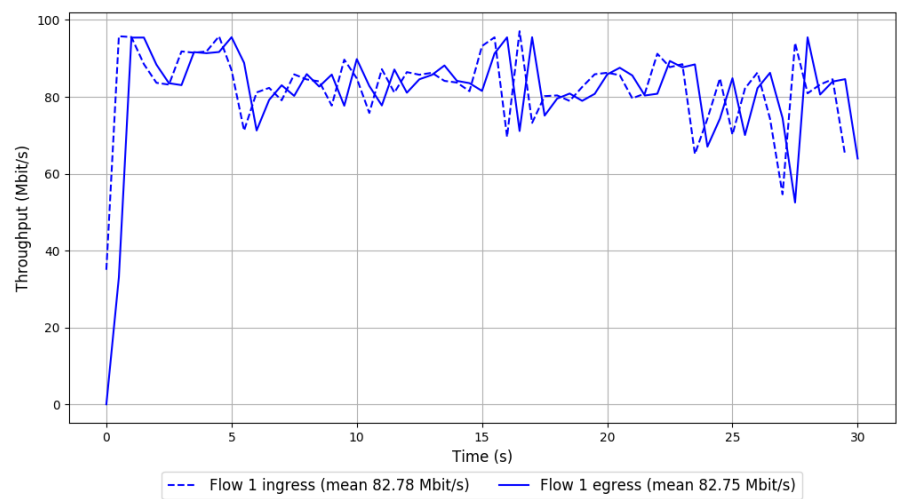
-- Flow 1:

Average throughput: 82.75 Mbit/s

95th percentile per-packet one-way delay: 12.110 ms

Loss rate: 0.06%

Run 5: Report of PCC-Expr — Data Link

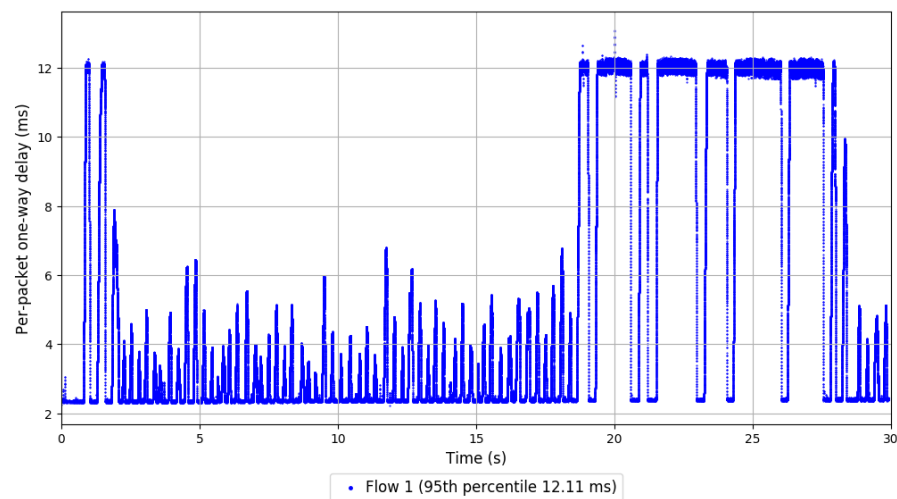
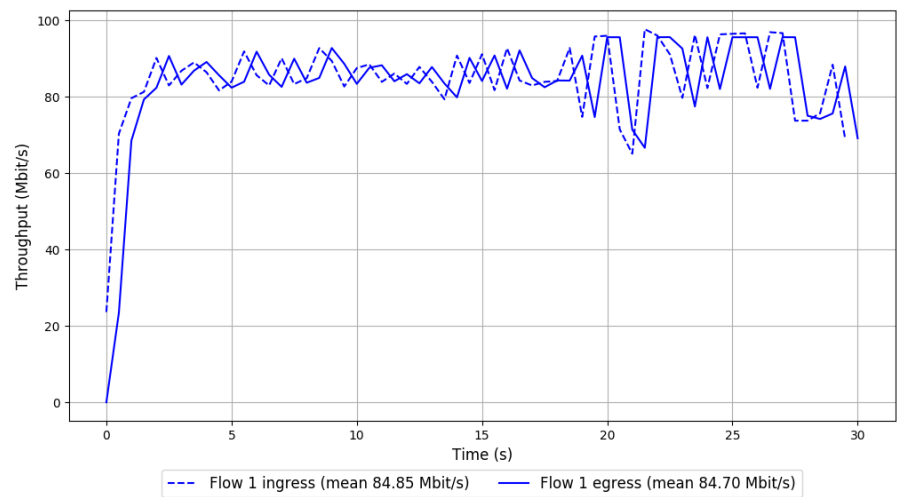


Run 6: Statistics of PCC-Expr

Start at: 2018-07-10 14:03:43
End at: 2018-07-10 14:04:13
Local clock offset: -0.411 ms
Remote clock offset: -8.788 ms

Below is generated by plot.py at 2018-07-10 15:43:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.70 Mbit/s
95th percentile per-packet one-way delay: 12.105 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 84.70 Mbit/s
95th percentile per-packet one-way delay: 12.105 ms
Loss rate: 0.19%

Run 6: Report of PCC-Expr — Data Link

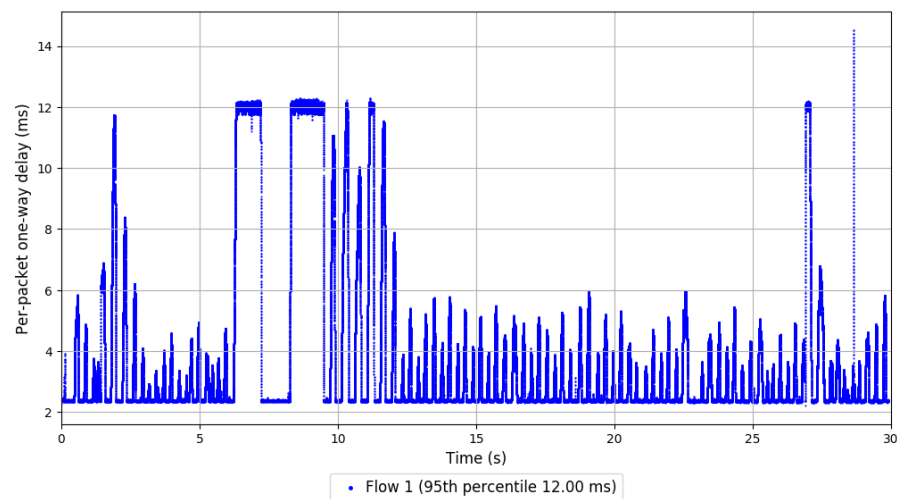
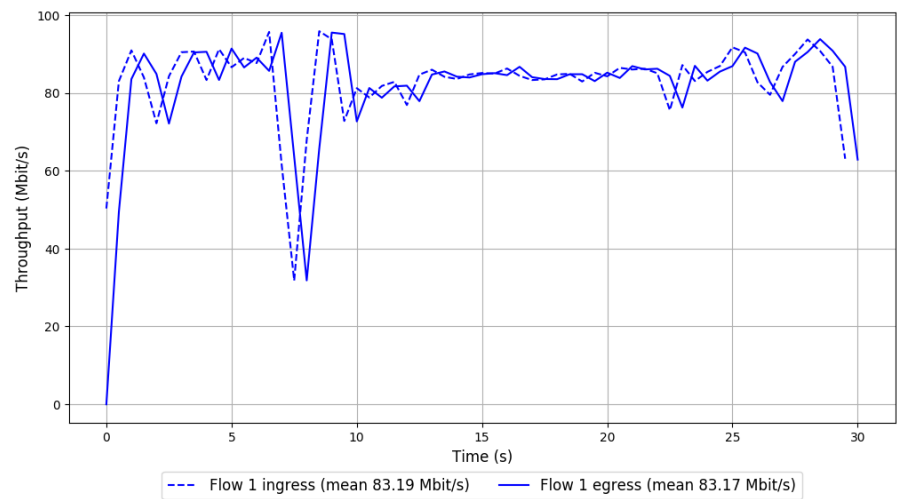


Run 7: Statistics of PCC-Expr

Start at: 2018-07-10 14:22:44
End at: 2018-07-10 14:23:14
Local clock offset: -0.262 ms
Remote clock offset: -7.998 ms

Below is generated by plot.py at 2018-07-10 15:44:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.17 Mbit/s
95th percentile per-packet one-way delay: 12.003 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 83.17 Mbit/s
95th percentile per-packet one-way delay: 12.003 ms
Loss rate: 0.05%

Run 7: Report of PCC-Expr — Data Link



Run 8: Statistics of PCC-Expr

Start at: 2018-07-10 14:41:46

End at: 2018-07-10 14:42:16

Local clock offset: -0.259 ms

Remote clock offset: -7.24 ms

Below is generated by plot.py at 2018-07-10 15:44:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.68 Mbit/s

95th percentile per-packet one-way delay: 12.224 ms

Loss rate: 0.11%

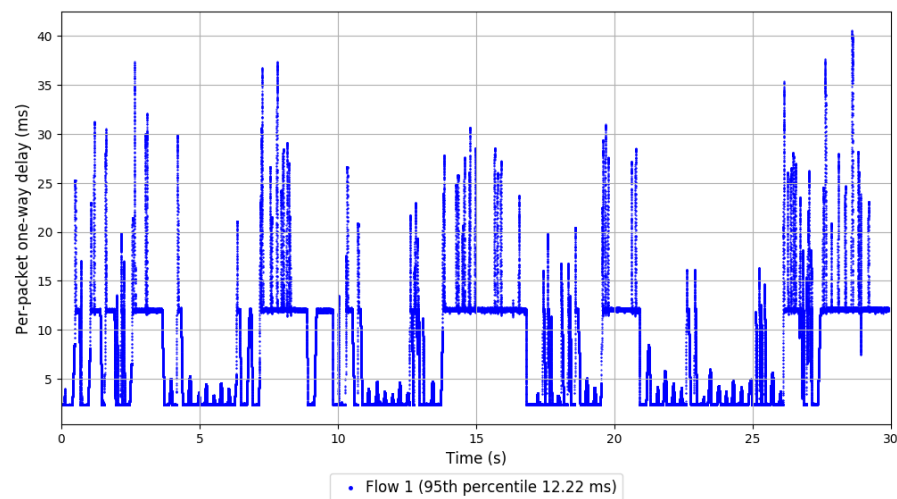
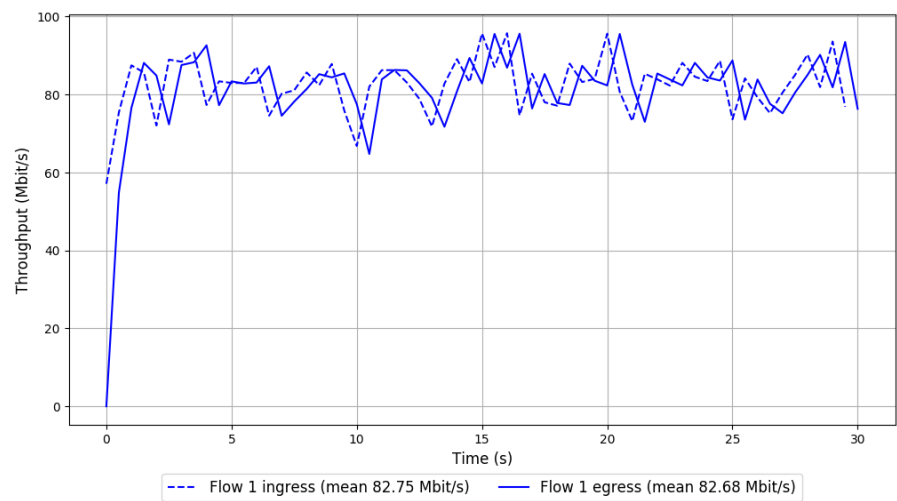
-- Flow 1:

Average throughput: 82.68 Mbit/s

95th percentile per-packet one-way delay: 12.224 ms

Loss rate: 0.11%

Run 8: Report of PCC-Expr — Data Link

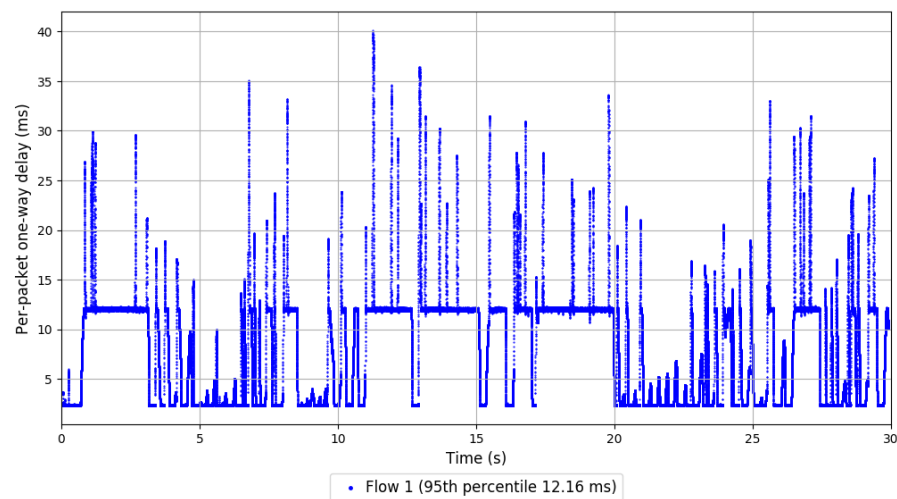
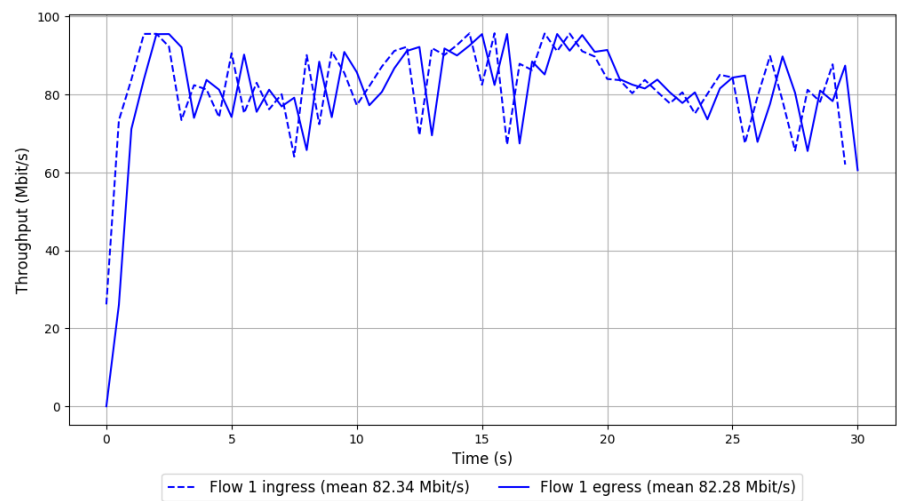


Run 9: Statistics of PCC-Expr

Start at: 2018-07-10 15:00:42
End at: 2018-07-10 15:01:12
Local clock offset: -0.352 ms
Remote clock offset: -6.932 ms

Below is generated by plot.py at 2018-07-10 15:44:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.28 Mbit/s
95th percentile per-packet one-way delay: 12.165 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 82.28 Mbit/s
95th percentile per-packet one-way delay: 12.165 ms
Loss rate: 0.09%

Run 9: Report of PCC-Expr — Data Link



Run 10: Statistics of PCC-Expr

Start at: 2018-07-10 15:19:38

End at: 2018-07-10 15:20:08

Local clock offset: -0.56 ms

Remote clock offset: -6.027 ms

Below is generated by plot.py at 2018-07-10 15:44:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.70 Mbit/s

95th percentile per-packet one-way delay: 15.236 ms

Loss rate: 0.20%

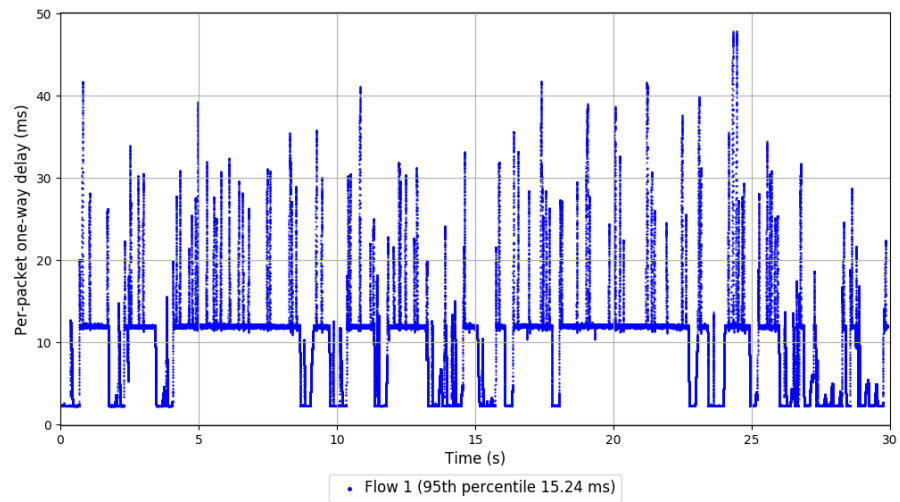
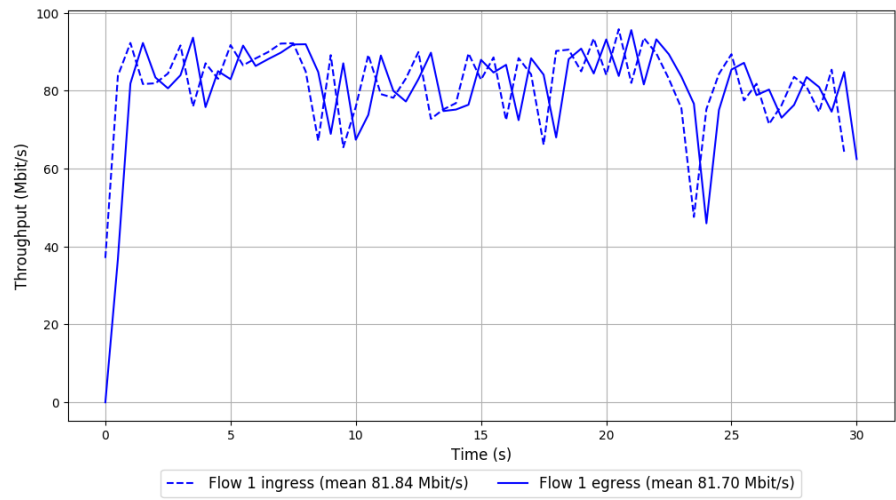
-- Flow 1:

Average throughput: 81.70 Mbit/s

95th percentile per-packet one-way delay: 15.236 ms

Loss rate: 0.20%

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-07-10 12:21:59

End at: 2018-07-10 12:22:29

Local clock offset: -1.05 ms

Remote clock offset: -1.966 ms

Below is generated by plot.py at 2018-07-10 15:44:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.65 Mbit/s

95th percentile per-packet one-way delay: 11.637 ms

Loss rate: 0.02%

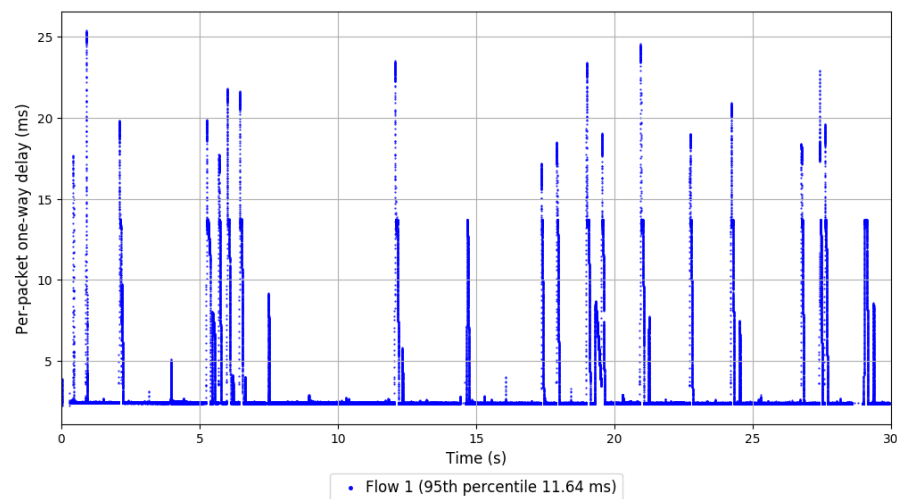
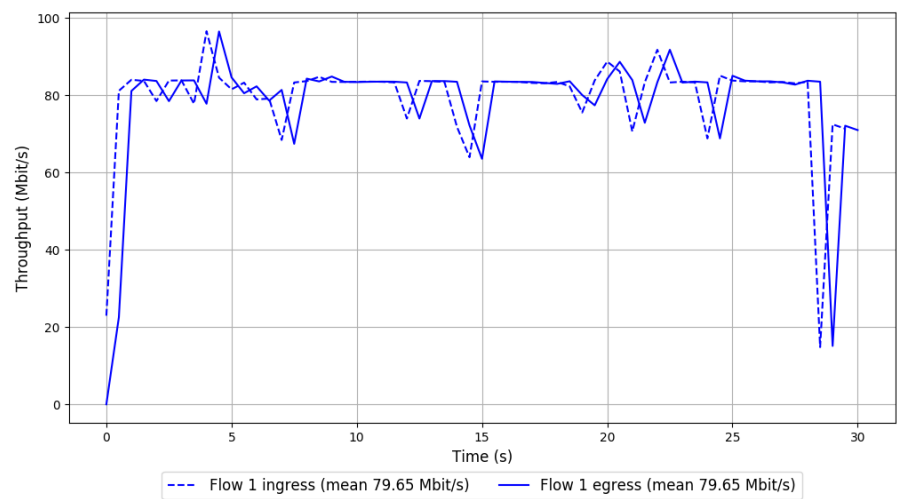
-- Flow 1:

Average throughput: 79.65 Mbit/s

95th percentile per-packet one-way delay: 11.637 ms

Loss rate: 0.02%

Run 1: Report of QUIC Cubic — Data Link

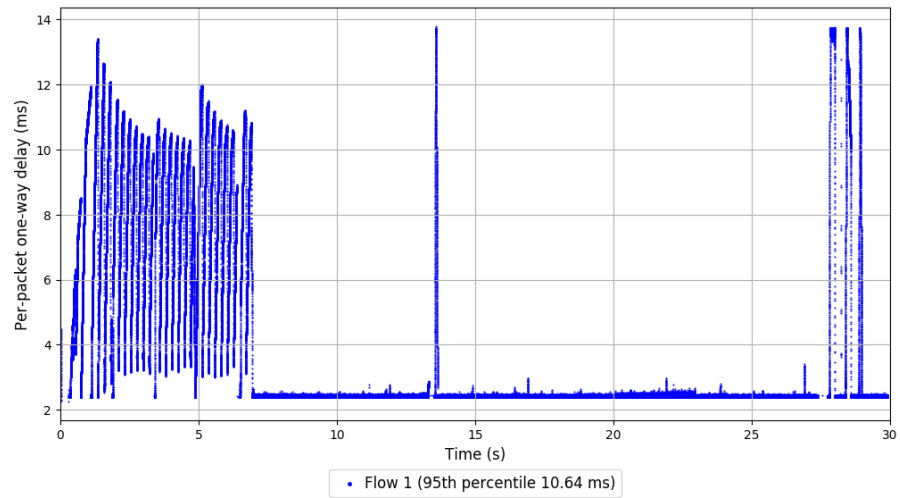
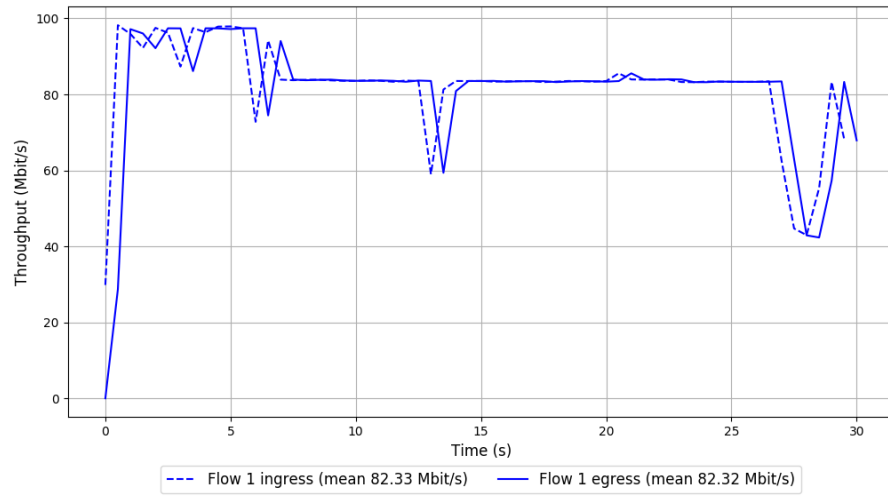


Run 2: Statistics of QUIC Cubic

Start at: 2018-07-10 12:41:01
End at: 2018-07-10 12:41:31
Local clock offset: -0.867 ms
Remote clock offset: -2.321 ms

Below is generated by plot.py at 2018-07-10 15:44:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.32 Mbit/s
95th percentile per-packet one-way delay: 10.638 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 82.32 Mbit/s
95th percentile per-packet one-way delay: 10.638 ms
Loss rate: 0.03%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-07-10 13:00:03

End at: 2018-07-10 13:00:33

Local clock offset: -0.74 ms

Remote clock offset: -2.364 ms

Below is generated by plot.py at 2018-07-10 15:44:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.56 Mbit/s

95th percentile per-packet one-way delay: 11.021 ms

Loss rate: 0.04%

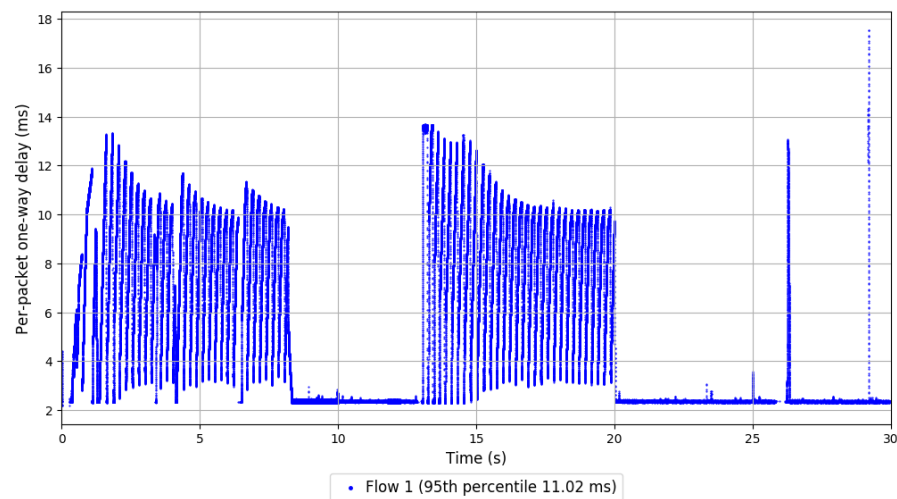
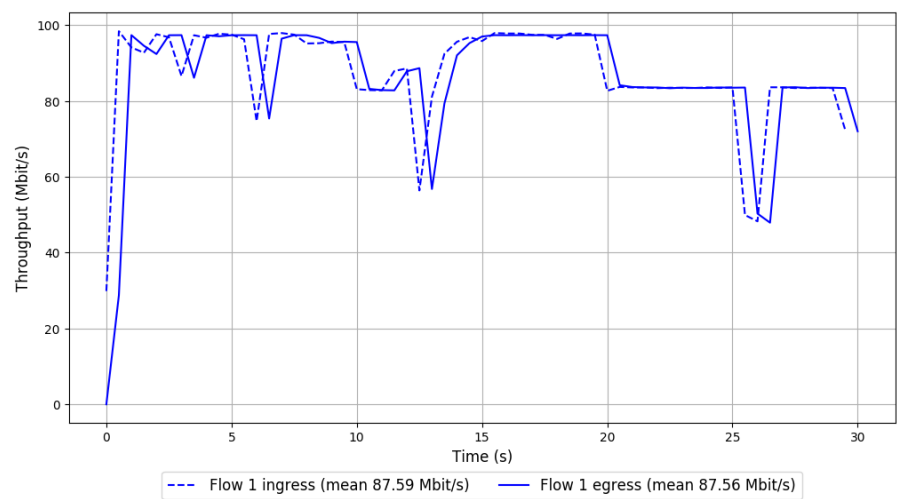
-- Flow 1:

Average throughput: 87.56 Mbit/s

95th percentile per-packet one-way delay: 11.021 ms

Loss rate: 0.04%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-07-10 13:19:05

End at: 2018-07-10 13:19:35

Local clock offset: -0.63 ms

Remote clock offset: -2.34 ms

Below is generated by plot.py at 2018-07-10 15:44:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.85 Mbit/s

95th percentile per-packet one-way delay: 10.037 ms

Loss rate: 0.03%

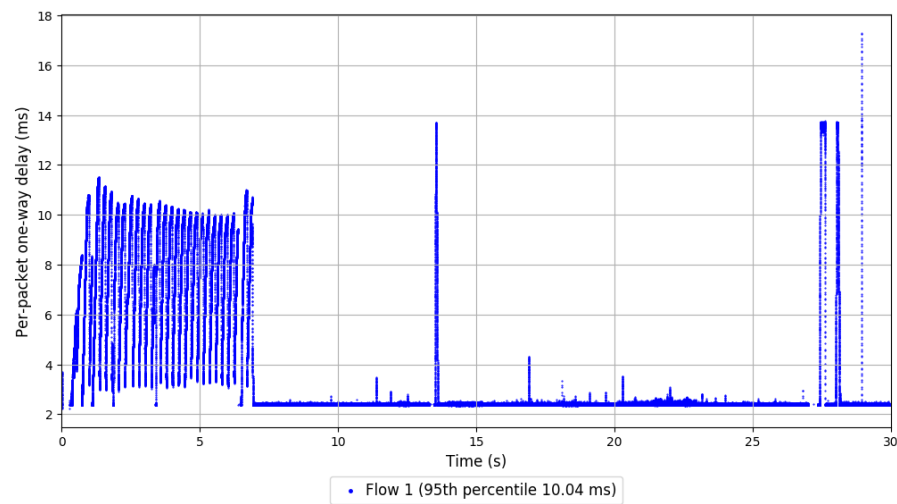
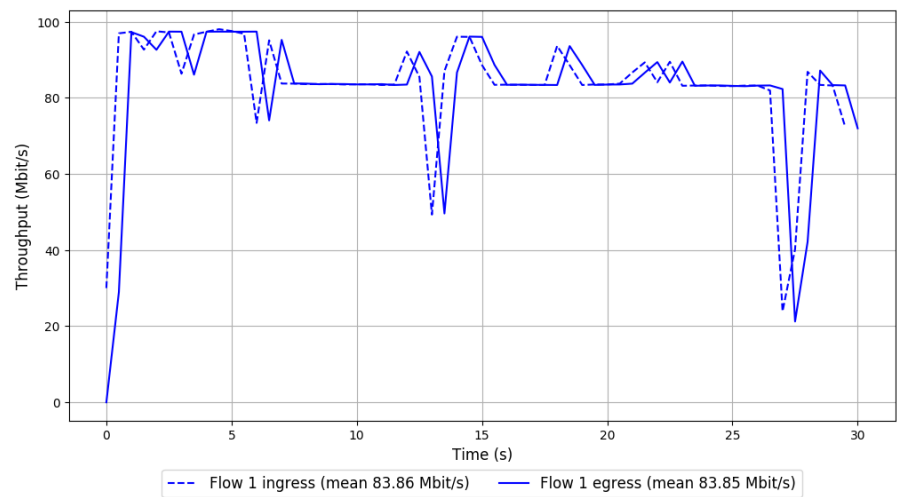
-- Flow 1:

Average throughput: 83.85 Mbit/s

95th percentile per-packet one-way delay: 10.037 ms

Loss rate: 0.03%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-07-10 13:38:02

End at: 2018-07-10 13:38:32

Local clock offset: -0.45 ms

Remote clock offset: -7.255 ms

Below is generated by plot.py at 2018-07-10 15:45:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.60 Mbit/s

95th percentile per-packet one-way delay: 19.144 ms

Loss rate: 0.08%

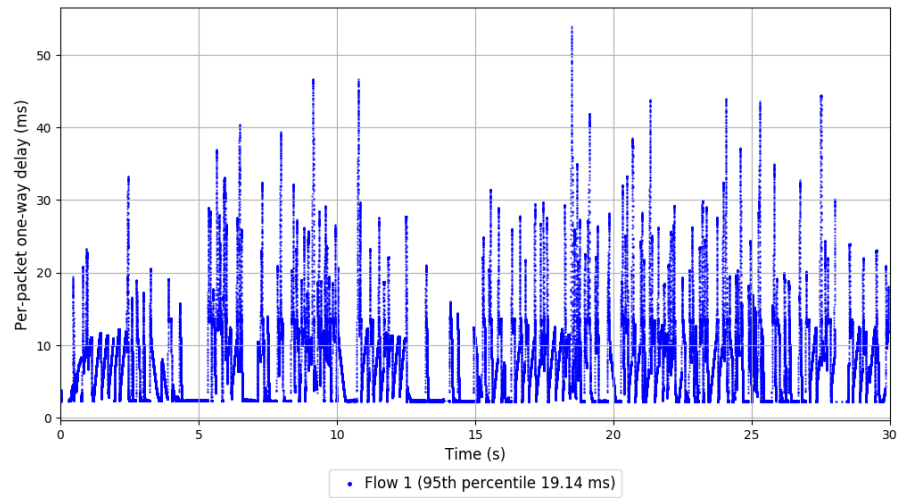
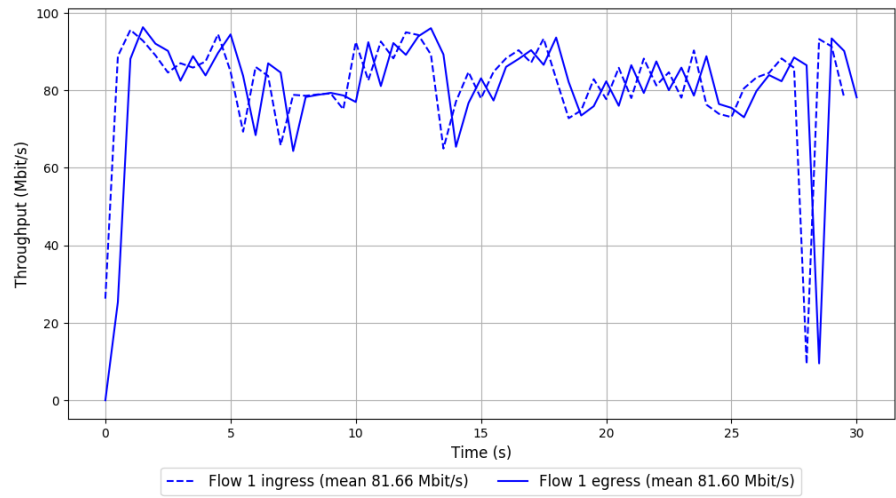
-- Flow 1:

Average throughput: 81.60 Mbit/s

95th percentile per-packet one-way delay: 19.144 ms

Loss rate: 0.08%

Run 5: Report of QUIC Cubic — Data Link

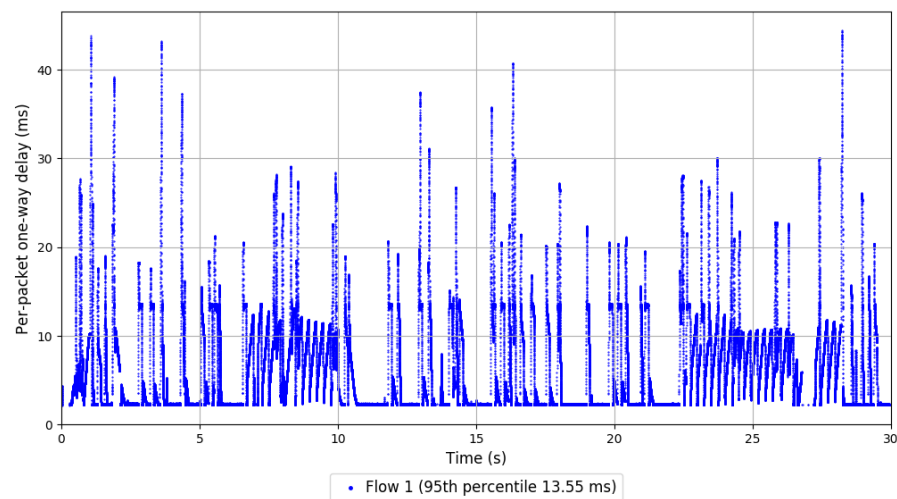
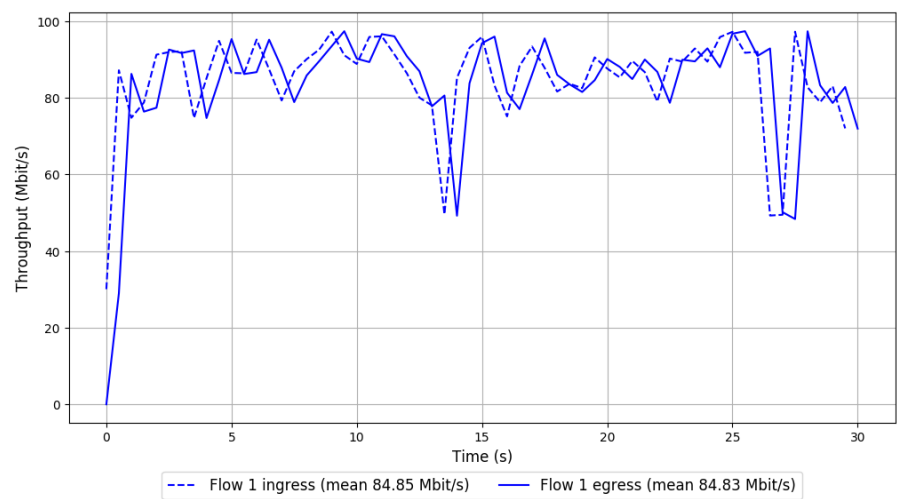


Run 6: Statistics of QUIC Cubic

Start at: 2018-07-10 13:57:01
End at: 2018-07-10 13:57:31
Local clock offset: -0.423 ms
Remote clock offset: -9.513 ms

Below is generated by plot.py at 2018-07-10 15:45:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.83 Mbit/s
95th percentile per-packet one-way delay: 13.547 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 84.83 Mbit/s
95th percentile per-packet one-way delay: 13.547 ms
Loss rate: 0.04%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-07-10 14:15:59

End at: 2018-07-10 14:16:29

Local clock offset: -0.27 ms

Remote clock offset: -7.946 ms

Below is generated by plot.py at 2018-07-10 15:45:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.45 Mbit/s

95th percentile per-packet one-way delay: 21.518 ms

Loss rate: 0.05%

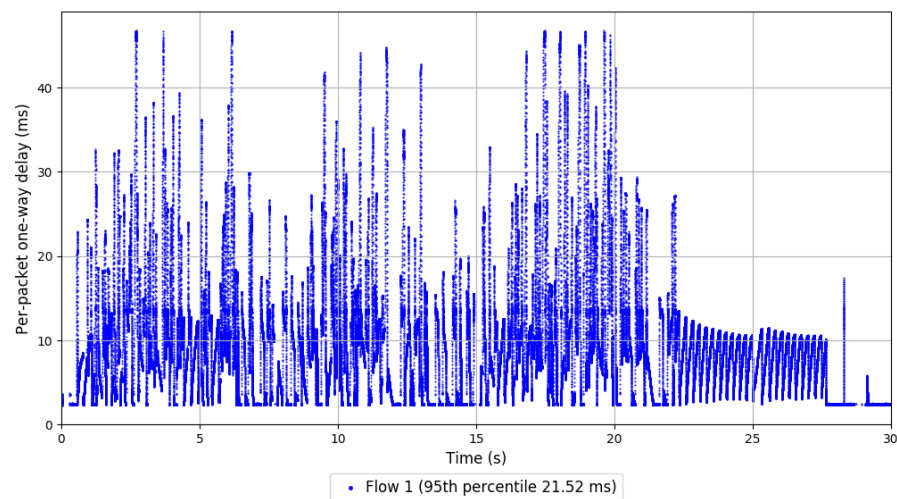
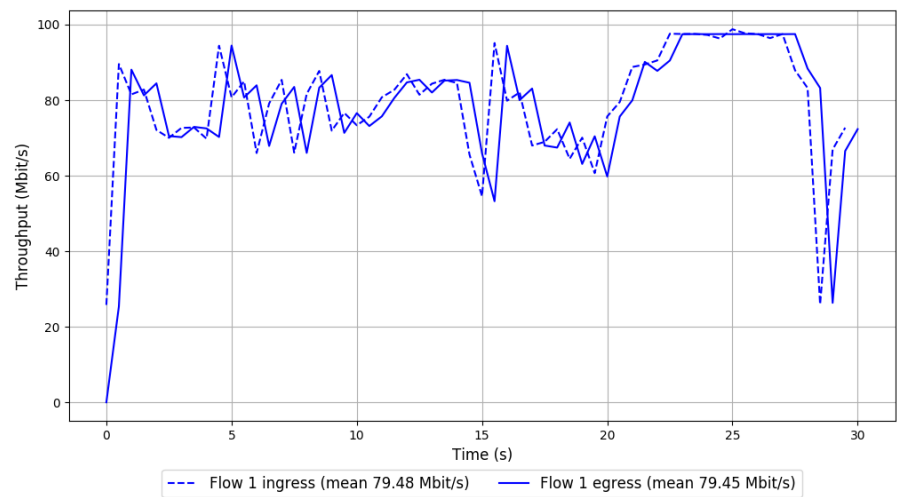
-- Flow 1:

Average throughput: 79.45 Mbit/s

95th percentile per-packet one-way delay: 21.518 ms

Loss rate: 0.05%

Run 7: Report of QUIC Cubic — Data Link

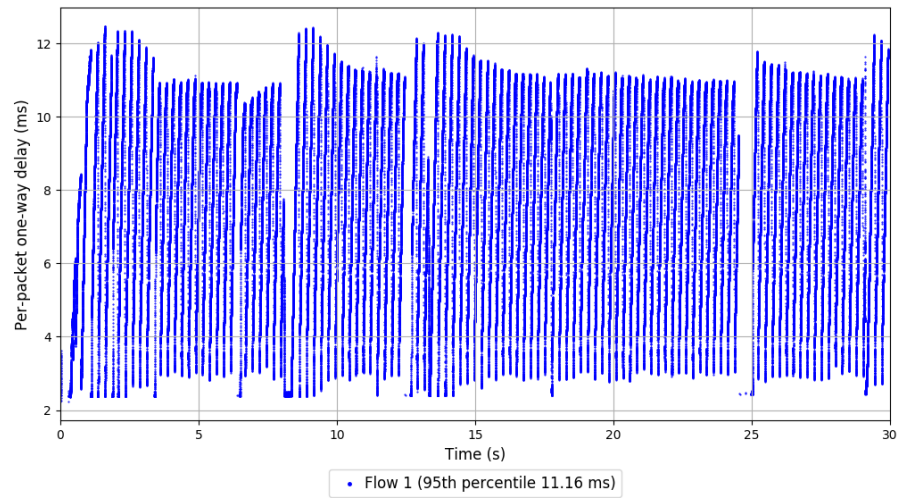
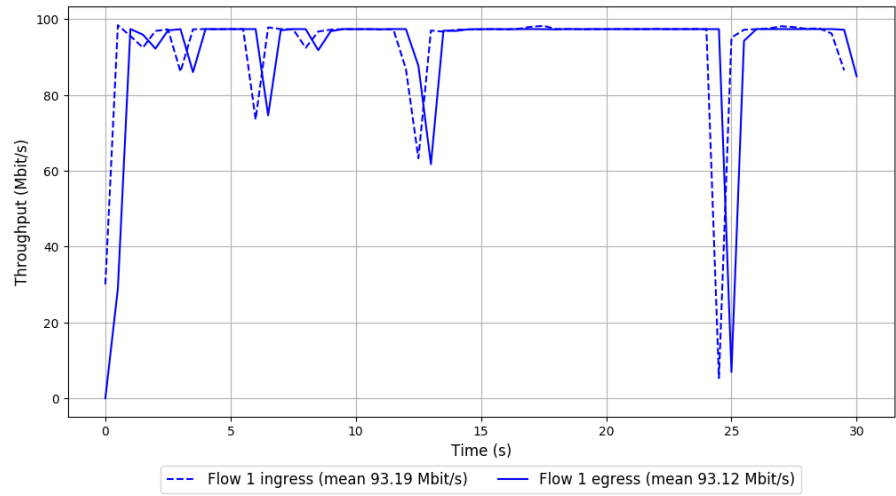


Run 8: Statistics of QUIC Cubic

Start at: 2018-07-10 14:35:01
End at: 2018-07-10 14:35:31
Local clock offset: -0.275 ms
Remote clock offset: -7.972 ms

Below is generated by plot.py at 2018-07-10 15:45:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.12 Mbit/s
95th percentile per-packet one-way delay: 11.158 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 93.12 Mbit/s
95th percentile per-packet one-way delay: 11.158 ms
Loss rate: 0.09%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-07-10 14:53:59

End at: 2018-07-10 14:54:29

Local clock offset: -0.31 ms

Remote clock offset: -6.934 ms

Below is generated by plot.py at 2018-07-10 15:45:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.67 Mbit/s

95th percentile per-packet one-way delay: 19.717 ms

Loss rate: 0.06%

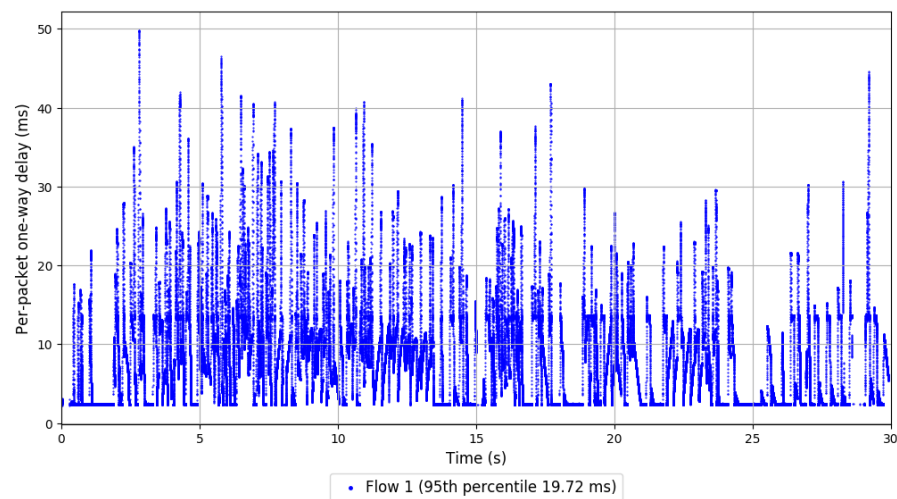
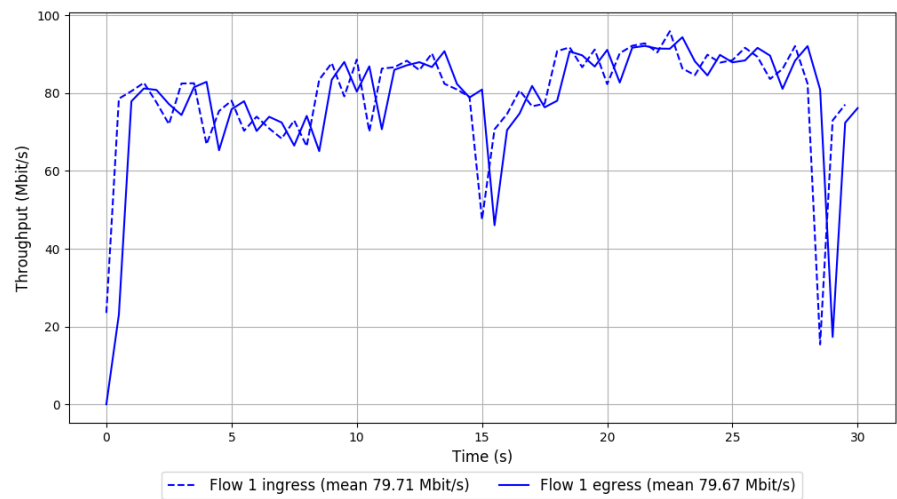
-- Flow 1:

Average throughput: 79.67 Mbit/s

95th percentile per-packet one-way delay: 19.717 ms

Loss rate: 0.06%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-07-10 15:12:58

End at: 2018-07-10 15:13:28

Local clock offset: -0.502 ms

Remote clock offset: -6.393 ms

Below is generated by plot.py at 2018-07-10 15:45:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.18 Mbit/s

95th percentile per-packet one-way delay: 14.654 ms

Loss rate: 0.06%

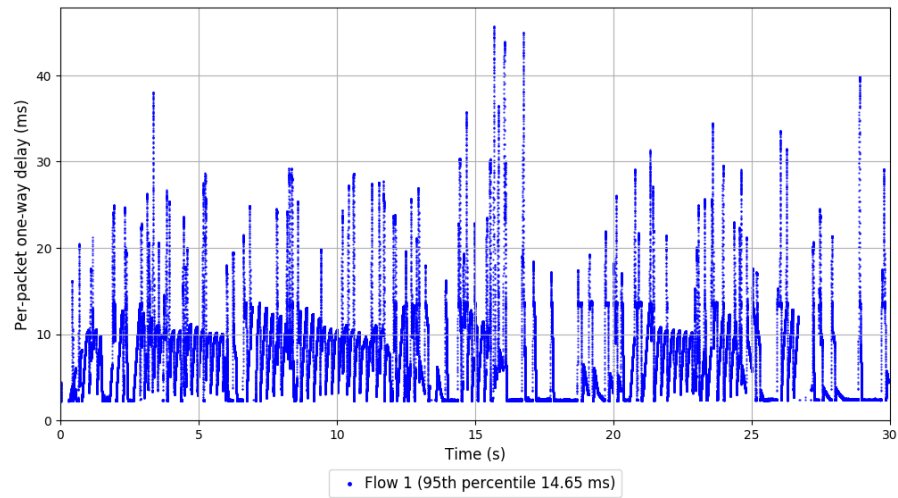
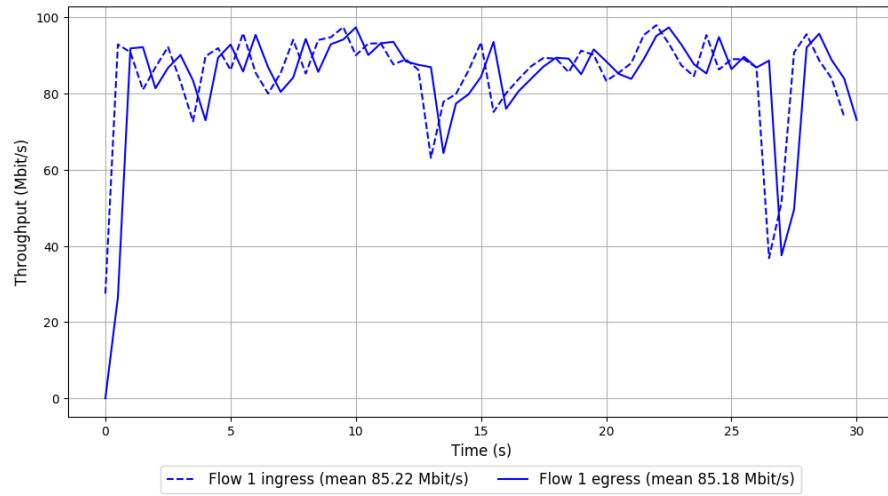
-- Flow 1:

Average throughput: 85.18 Mbit/s

95th percentile per-packet one-way delay: 14.654 ms

Loss rate: 0.06%

Run 10: Report of QUIC Cubic — Data Link

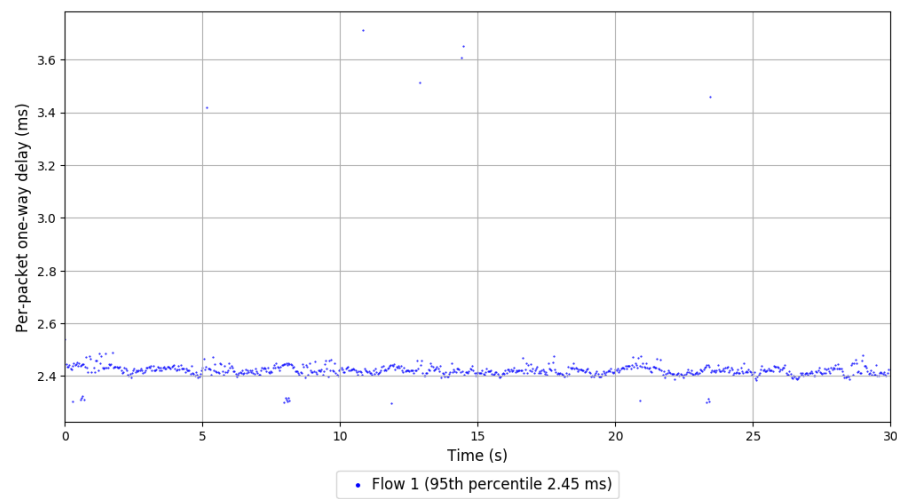
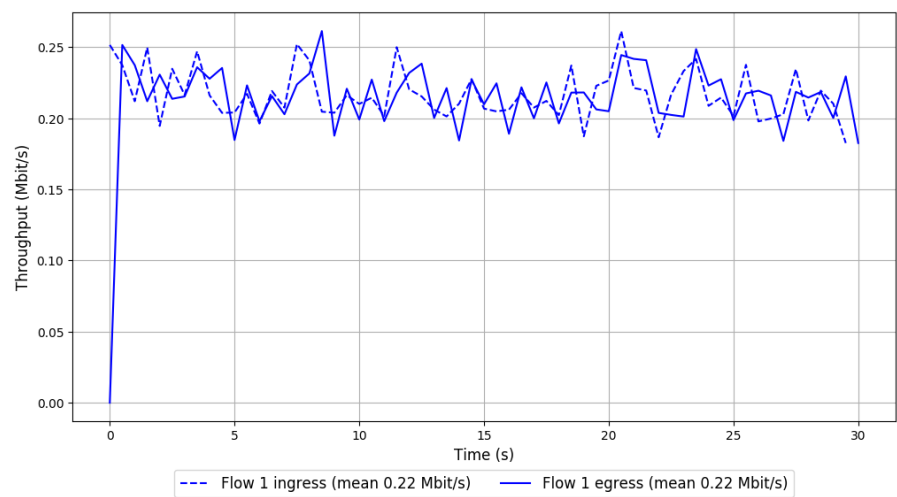


```
Run 1: Statistics of SCReAM

Start at: 2018-07-10 12:31:01
End at: 2018-07-10 12:31:31
Local clock offset: -0.953 ms
Remote clock offset: -2.346 ms

# Below is generated by plot.py at 2018-07-10 15:45:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.450 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.450 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

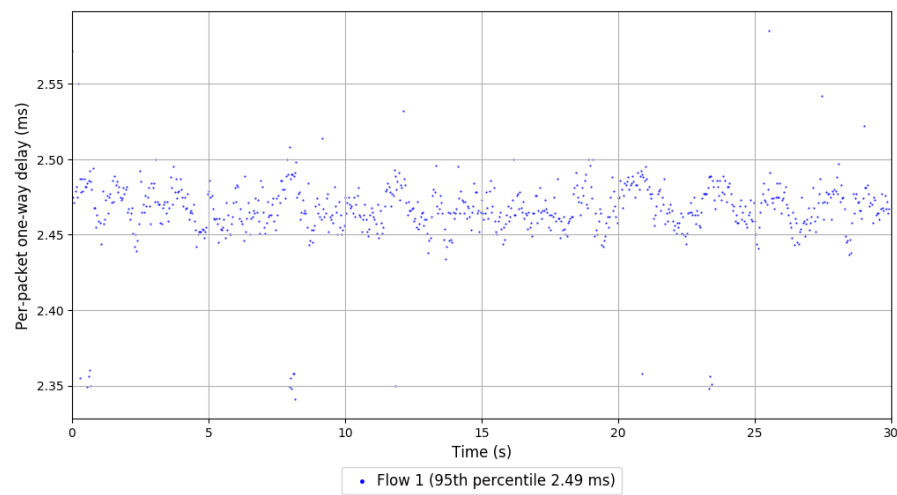
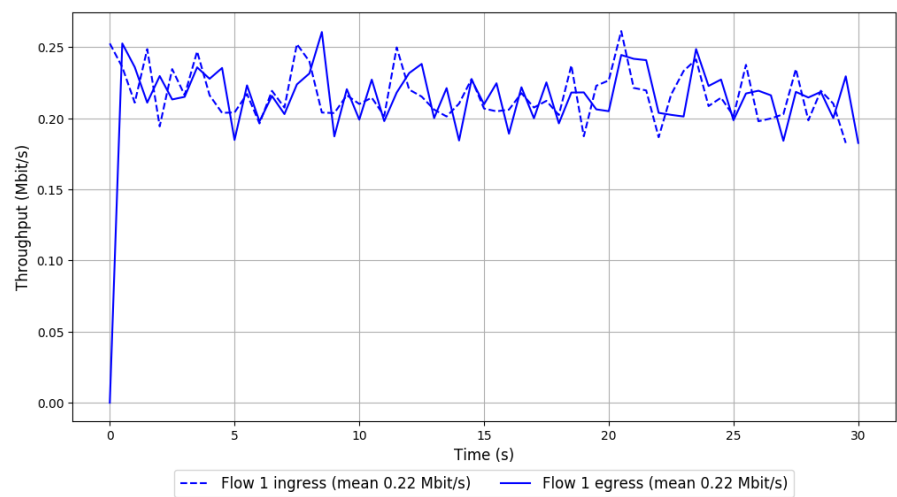


Run 2: Statistics of SCReAM

Start at: 2018-07-10 12:50:04
End at: 2018-07-10 12:50:34
Local clock offset: -0.788 ms
Remote clock offset: -2.228 ms

Below is generated by plot.py at 2018-07-10 15:45:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.489 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.489 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

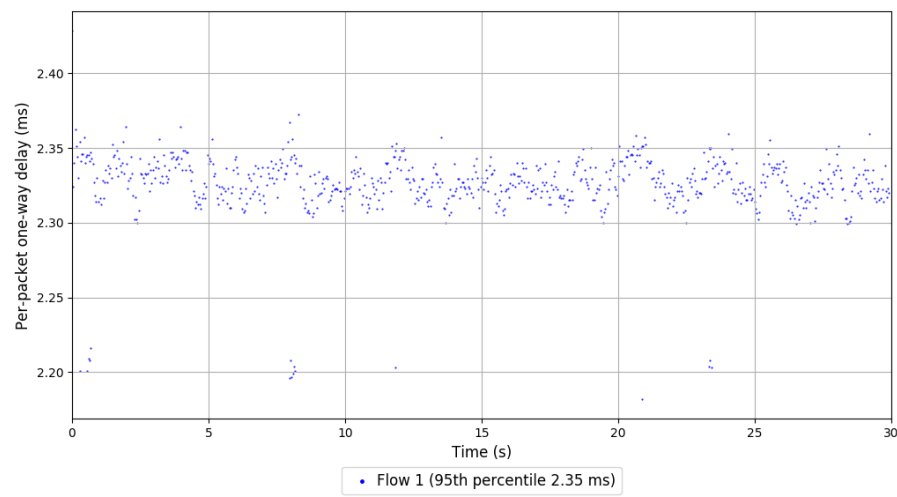
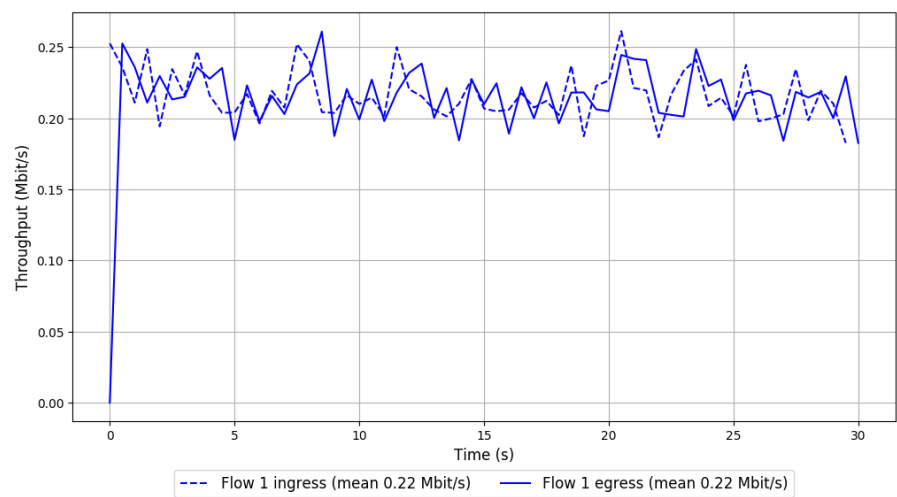


Run 3: Statistics of SCReAM

Start at: 2018-07-10 13:09:06
End at: 2018-07-10 13:09:36
Local clock offset: -0.632 ms
Remote clock offset: -2.313 ms

Below is generated by plot.py at 2018-07-10 15:45:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.349 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.349 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

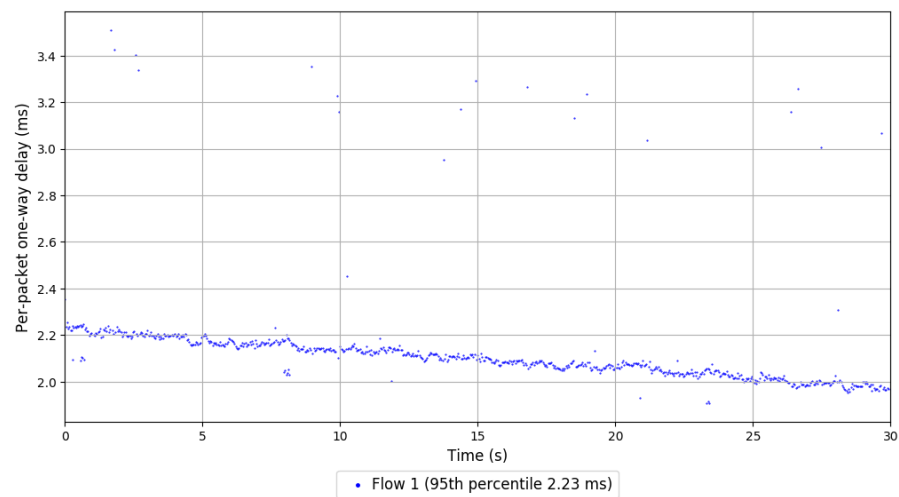
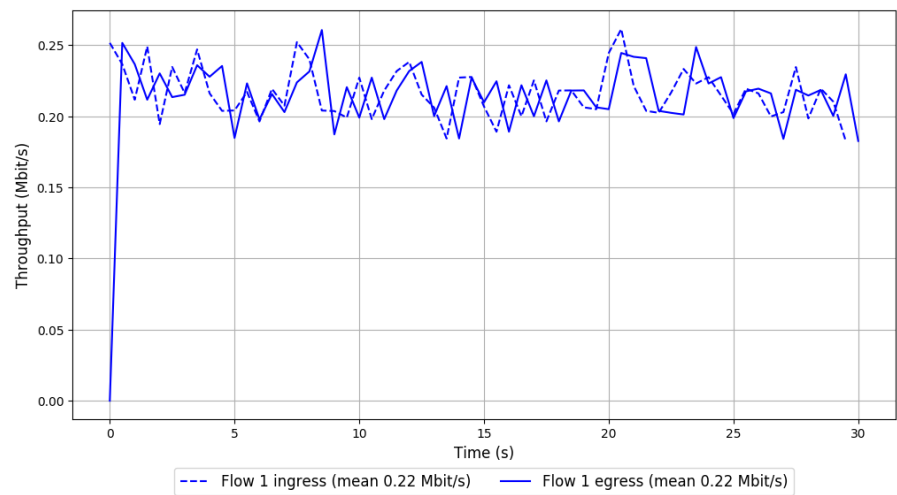


Run 4: Statistics of SCReAM

Start at: 2018-07-10 13:28:06
End at: 2018-07-10 13:28:36
Local clock offset: -0.571 ms
Remote clock offset: -3.987 ms

Below is generated by plot.py at 2018-07-10 15:45:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.231 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.231 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

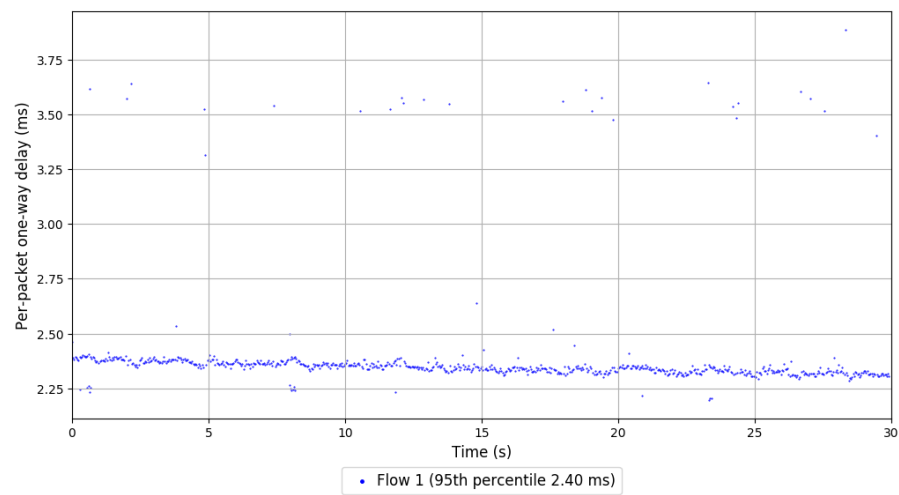
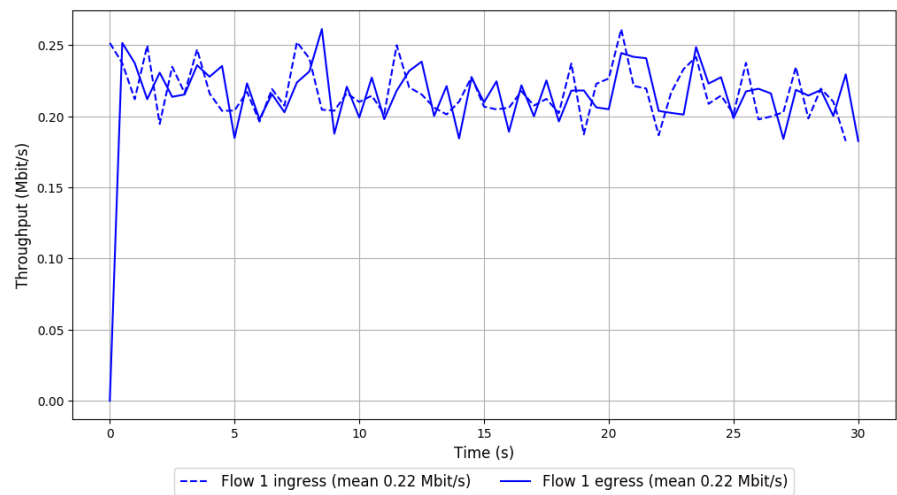


Run 5: Statistics of SCReAM

Start at: 2018-07-10 13:47:03
End at: 2018-07-10 13:47:33
Local clock offset: -0.353 ms
Remote clock offset: -8.605 ms

Below is generated by plot.py at 2018-07-10 15:45:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.402 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.402 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

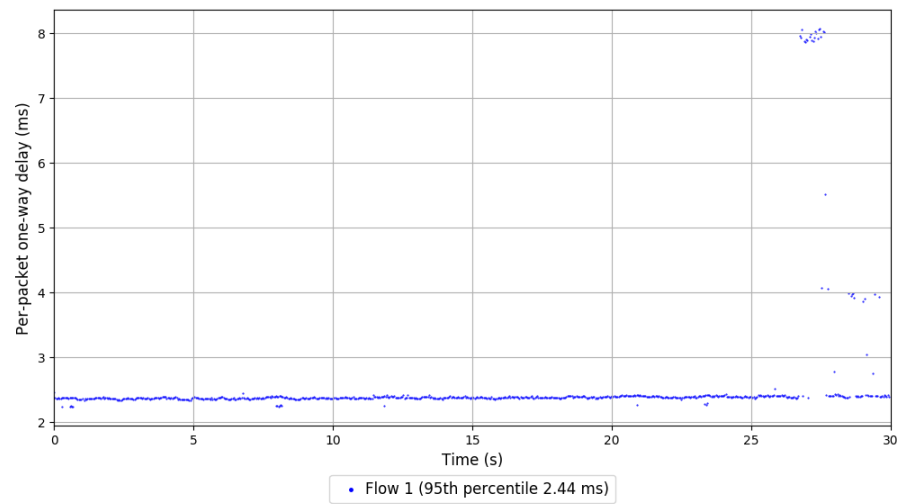
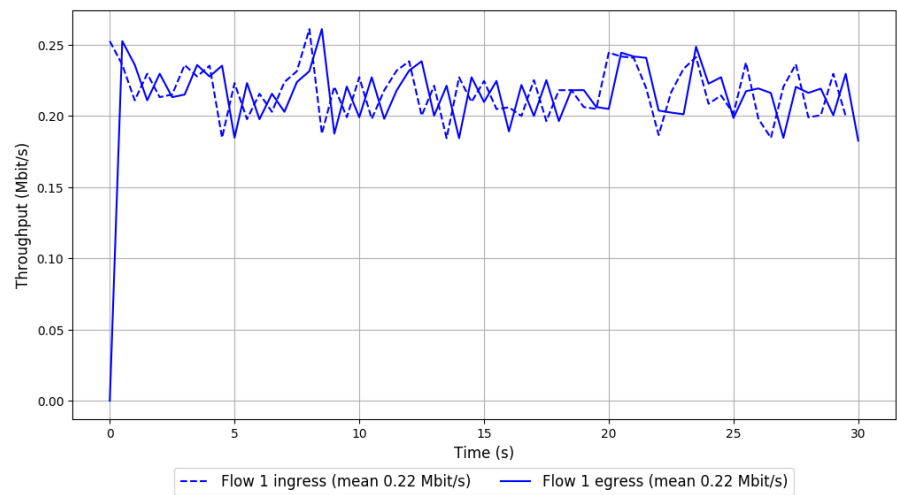


Run 6: Statistics of SCReAM

Start at: 2018-07-10 14:06:01
End at: 2018-07-10 14:06:32
Local clock offset: -0.373 ms
Remote clock offset: -8.481 ms

Below is generated by plot.py at 2018-07-10 15:45:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.435 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.435 ms
Loss rate: 0.13%

Run 6: Report of SReAM — Data Link

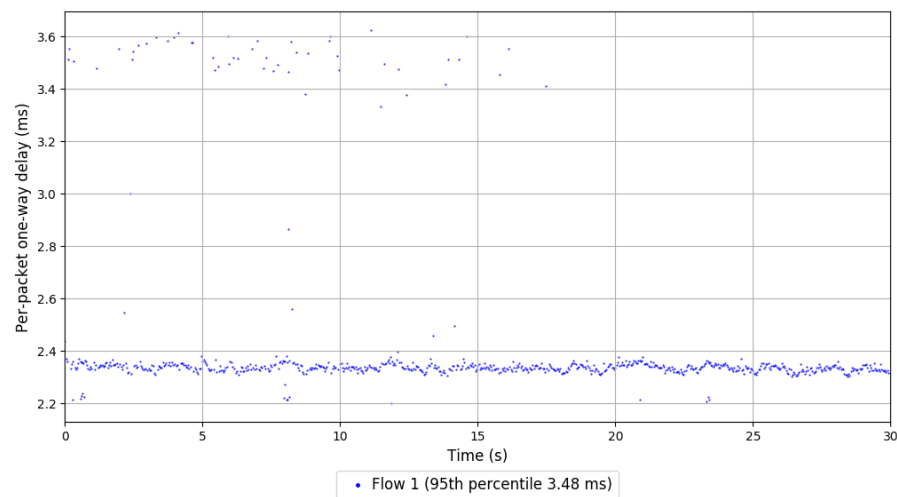
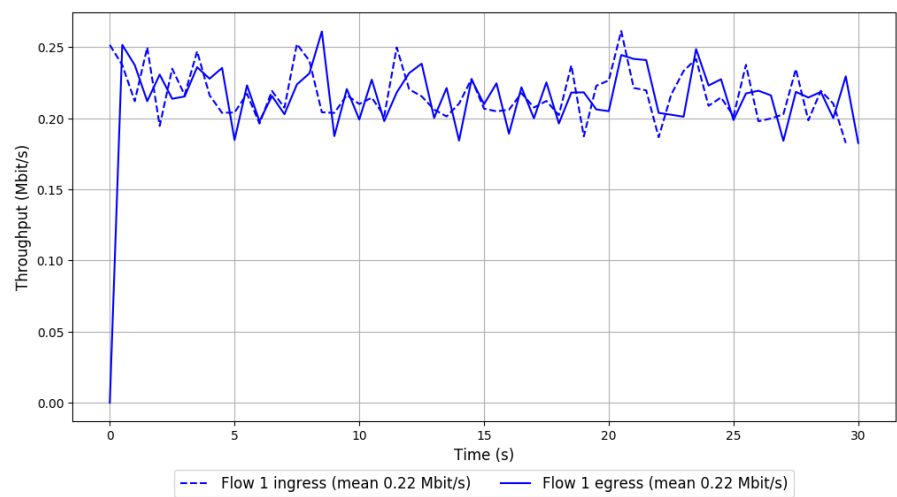


Run 7: Statistics of SCReAM

Start at: 2018-07-10 14:25:01
End at: 2018-07-10 14:25:31
Local clock offset: -0.234 ms
Remote clock offset: -7.974 ms

Below is generated by plot.py at 2018-07-10 15:45:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.475 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.475 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

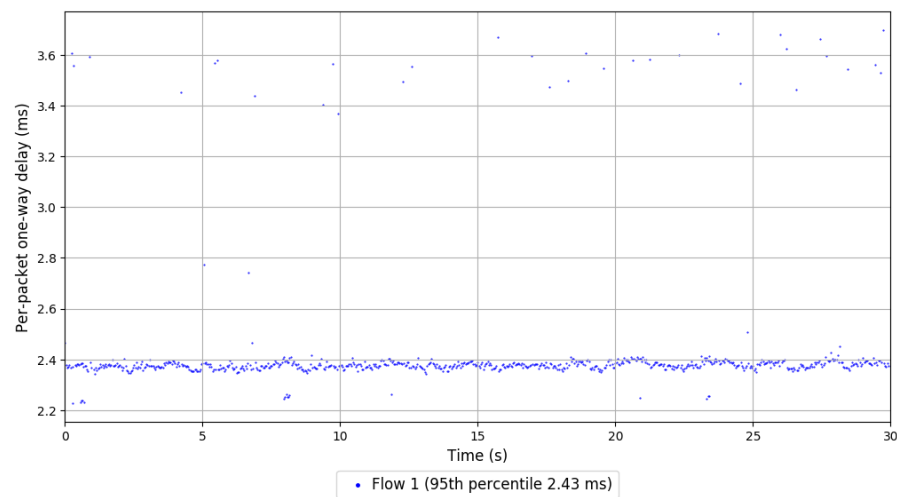
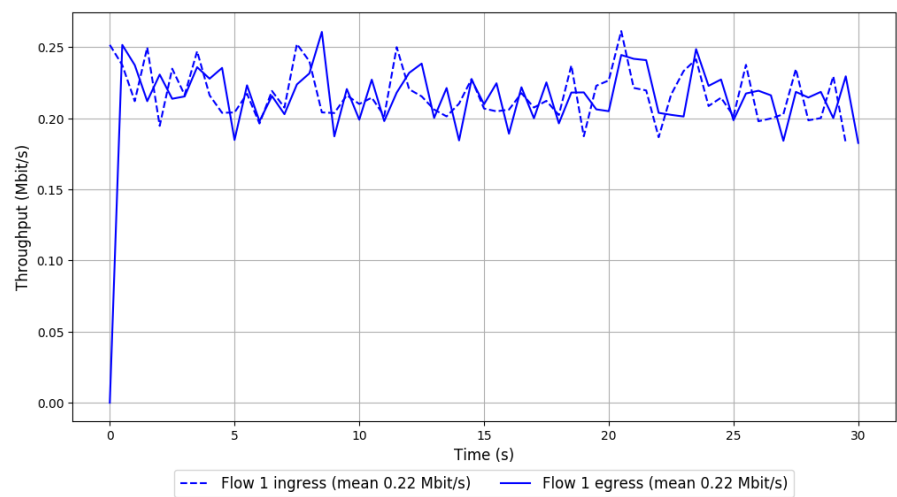


Run 8: Statistics of SCReAM

Start at: 2018-07-10 14:44:04
End at: 2018-07-10 14:44:34
Local clock offset: -0.266 ms
Remote clock offset: -7.125 ms

Below is generated by plot.py at 2018-07-10 15:45:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.427 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.427 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

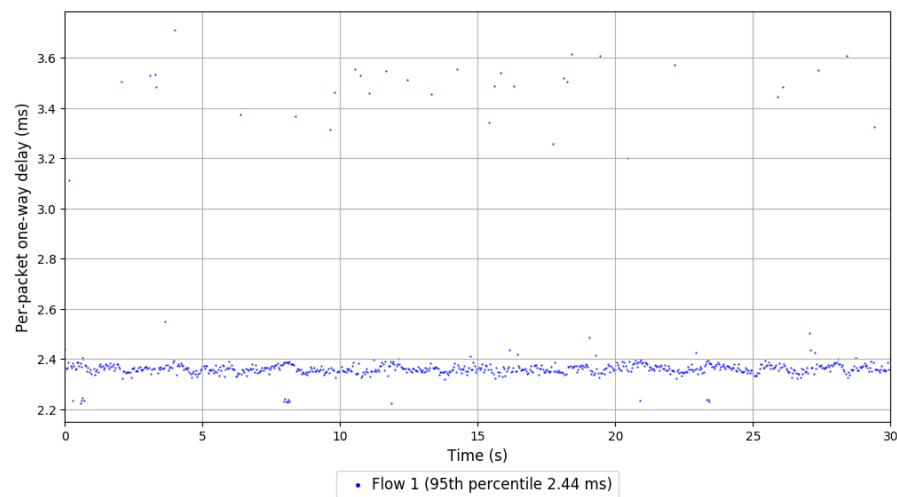
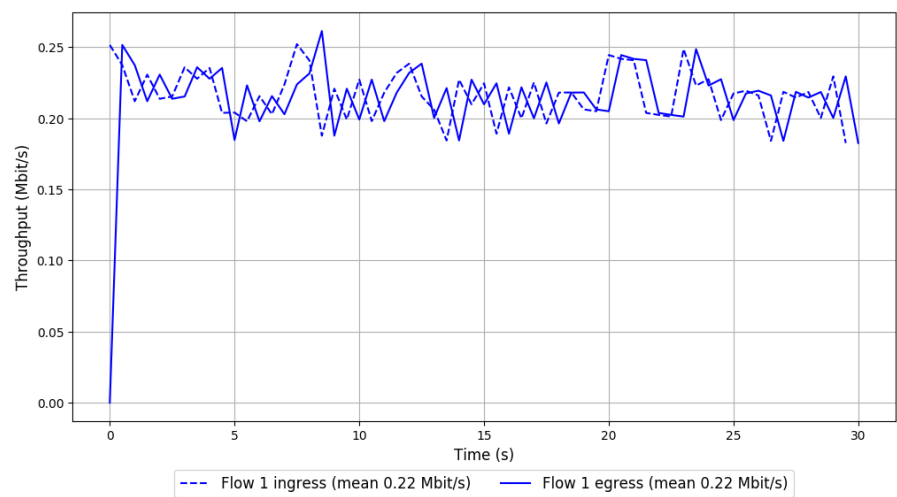


Run 9: Statistics of SCReAM

Start at: 2018-07-10 15:02:59
End at: 2018-07-10 15:03:29
Local clock offset: -0.387 ms
Remote clock offset: -6.926 ms

Below is generated by plot.py at 2018-07-10 15:45:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.435 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.435 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

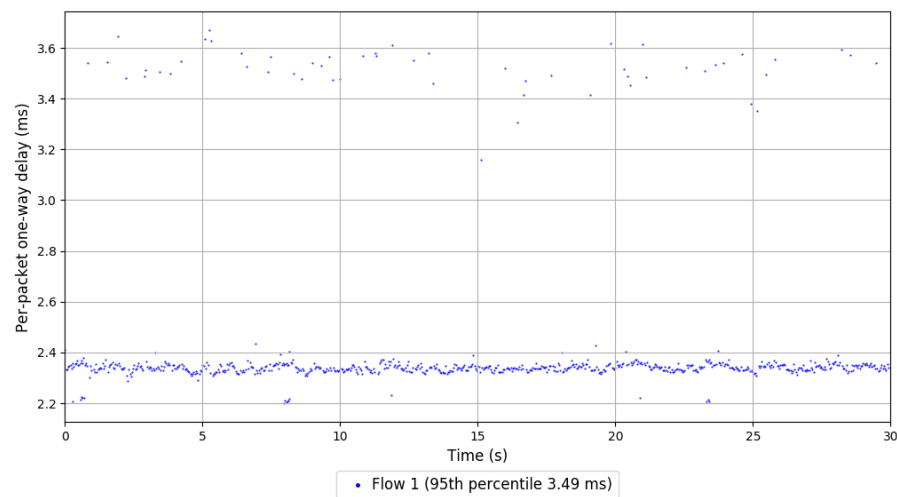
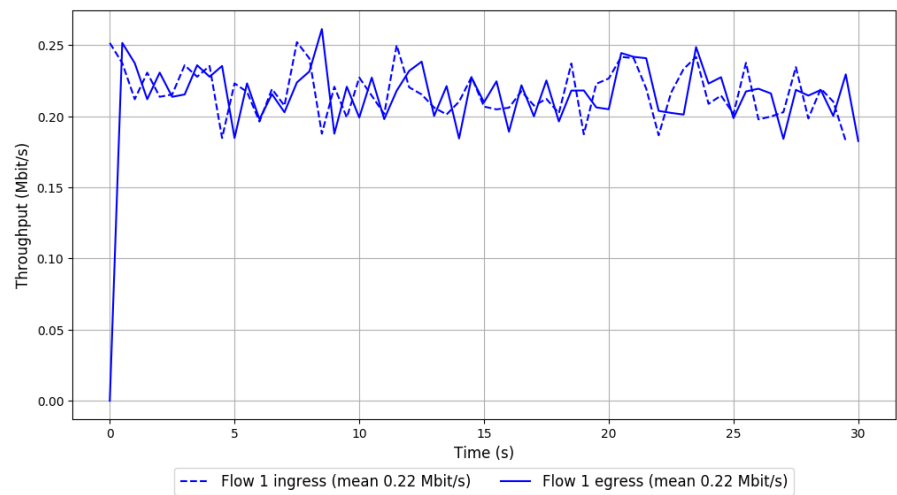


Run 10: Statistics of SReAM

Start at: 2018-07-10 15:21:55
End at: 2018-07-10 15:22:25
Local clock offset: -0.583 ms
Remote clock offset: -5.963 ms

Below is generated by plot.py at 2018-07-10 15:45:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.492 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.492 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

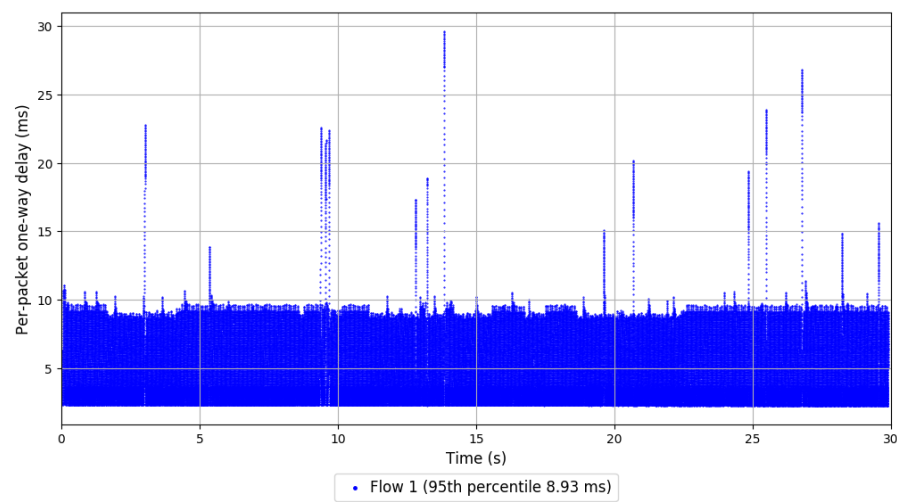
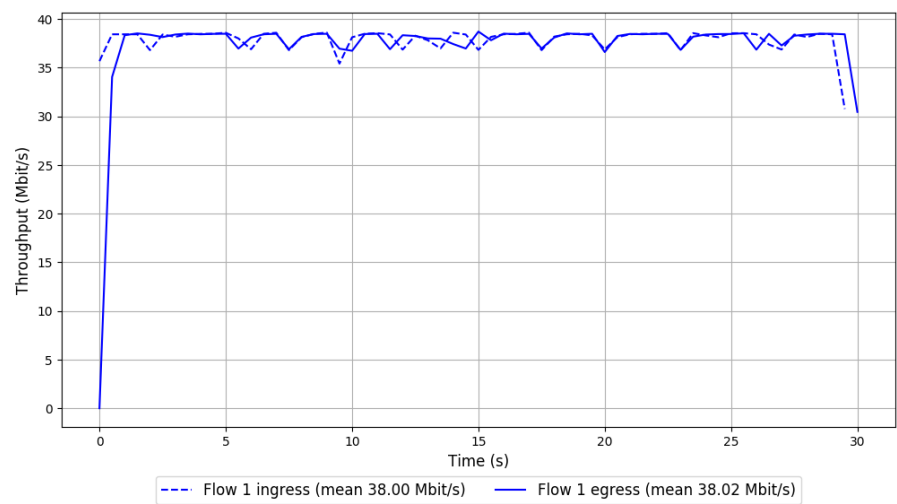


Run 1: Statistics of Sprout

Start at: 2018-07-10 12:19:45
End at: 2018-07-10 12:20:15
Local clock offset: -1.087 ms
Remote clock offset: -1.684 ms

Below is generated by plot.py at 2018-07-10 15:45:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 38.02 Mbit/s
95th percentile per-packet one-way delay: 8.925 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 38.02 Mbit/s
95th percentile per-packet one-way delay: 8.925 ms
Loss rate: 0.01%

Run 1: Report of Sprout — Data Link

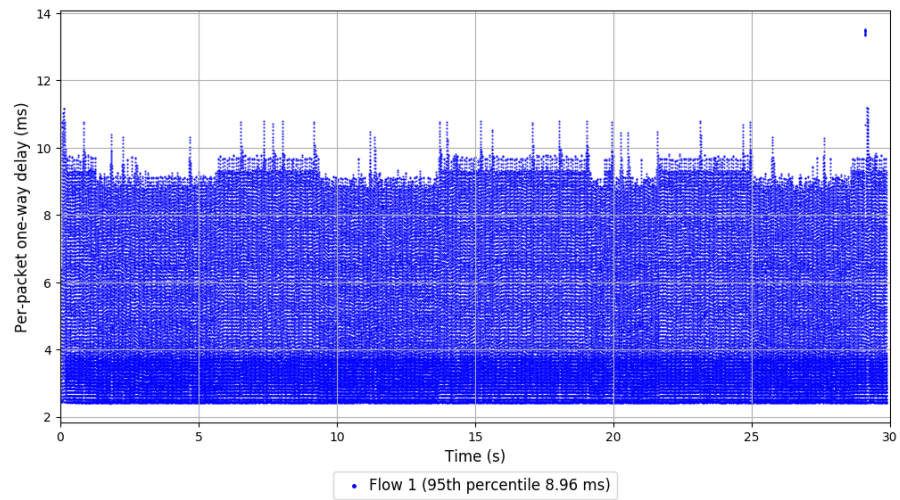
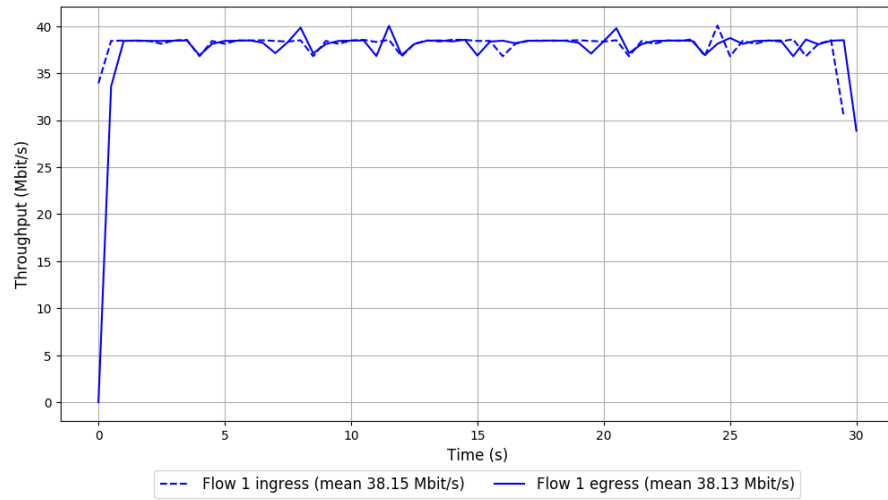


Run 2: Statistics of Sprout

Start at: 2018-07-10 12:38:47
End at: 2018-07-10 12:39:17
Local clock offset: -0.894 ms
Remote clock offset: -2.364 ms

Below is generated by plot.py at 2018-07-10 15:45:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 38.13 Mbit/s
95th percentile per-packet one-way delay: 8.964 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 38.13 Mbit/s
95th percentile per-packet one-way delay: 8.964 ms
Loss rate: 0.07%

Run 2: Report of Sprout — Data Link

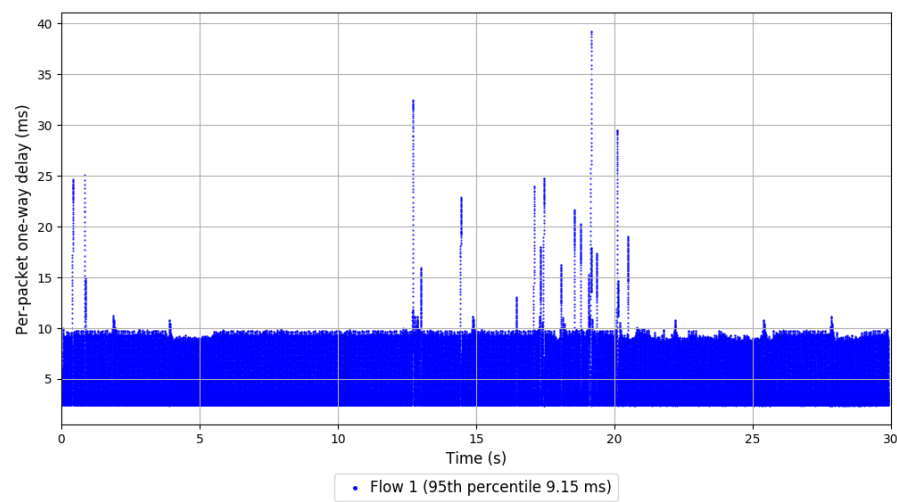
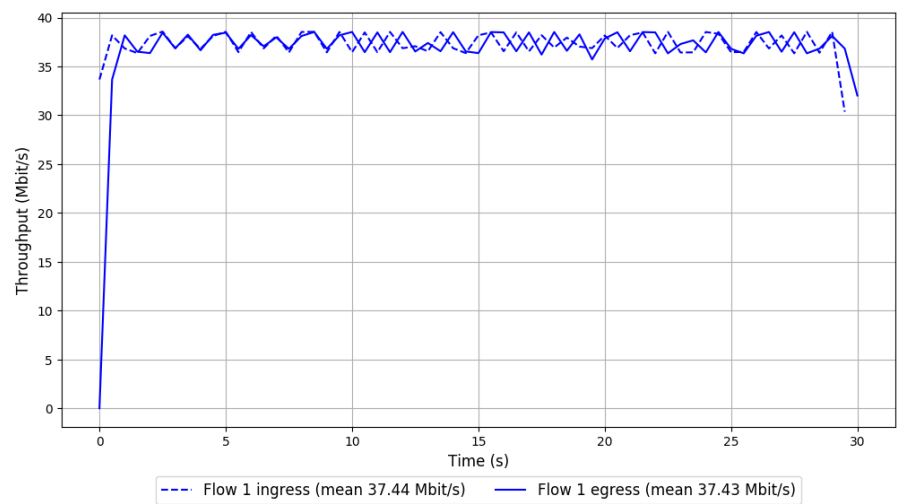


Run 3: Statistics of Sprout

Start at: 2018-07-10 12:57:49
End at: 2018-07-10 12:58:19
Local clock offset: -0.718 ms
Remote clock offset: -2.355 ms

Below is generated by plot.py at 2018-07-10 15:45:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.43 Mbit/s
95th percentile per-packet one-way delay: 9.152 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.43 Mbit/s
95th percentile per-packet one-way delay: 9.152 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

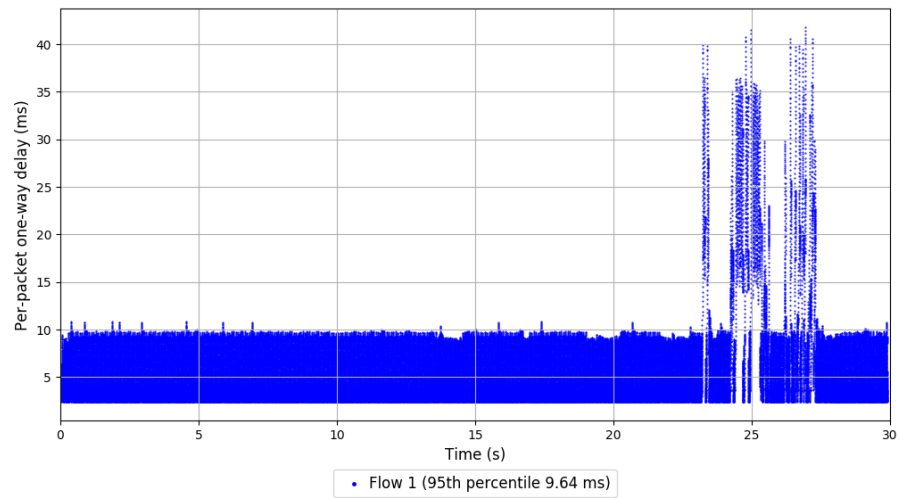
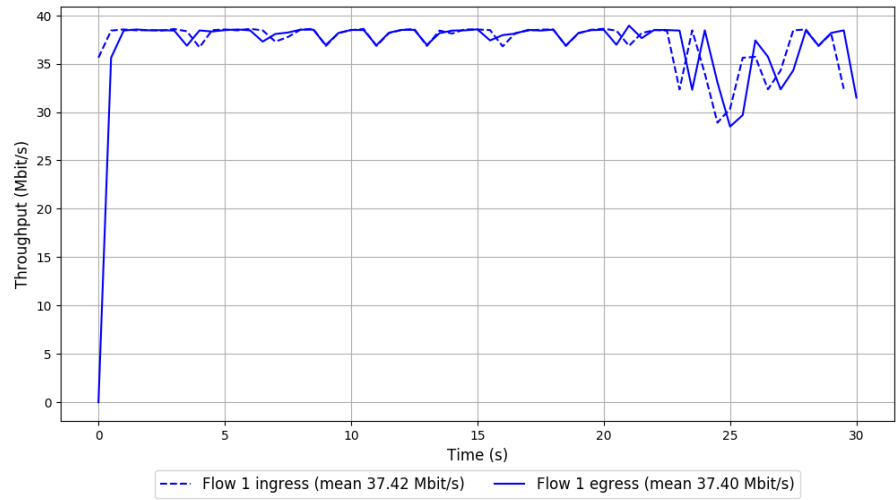


Run 4: Statistics of Sprout

Start at: 2018-07-10 13:16:52
End at: 2018-07-10 13:17:22
Local clock offset: -0.557 ms
Remote clock offset: -2.312 ms

Below is generated by plot.py at 2018-07-10 15:45:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.40 Mbit/s
95th percentile per-packet one-way delay: 9.638 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 37.40 Mbit/s
95th percentile per-packet one-way delay: 9.638 ms
Loss rate: 0.05%

Run 4: Report of Sprout — Data Link

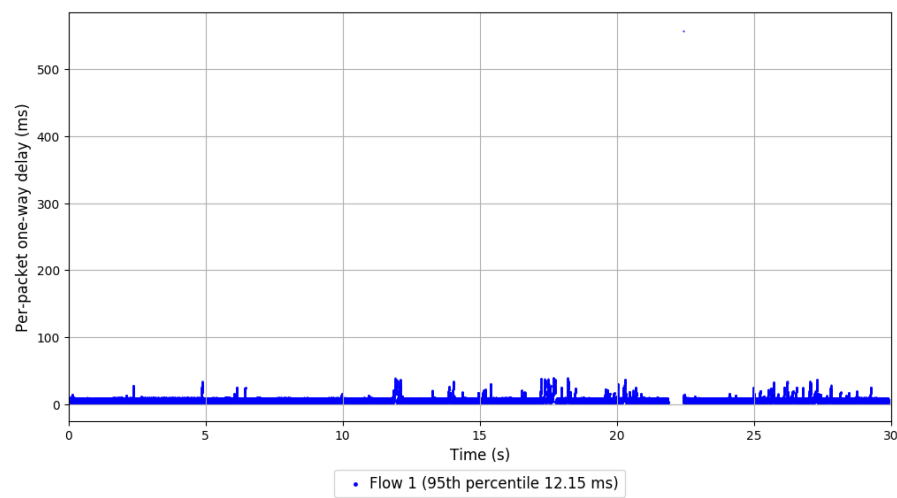
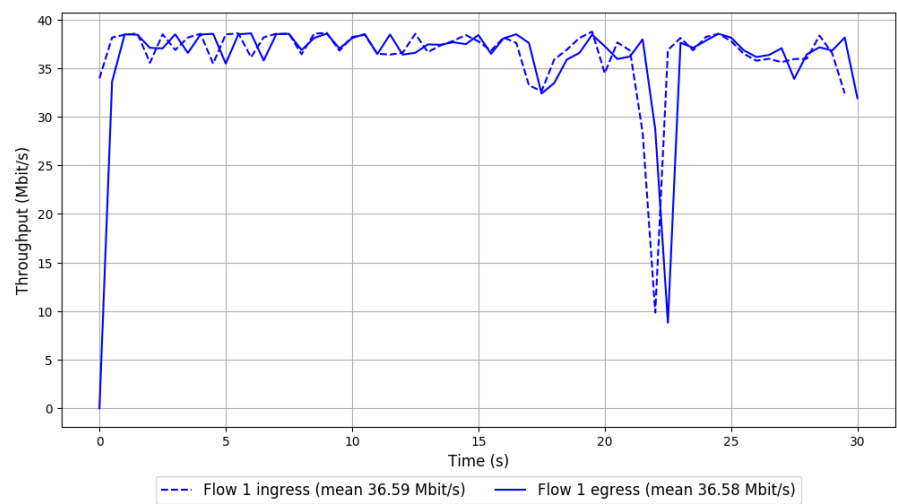


Run 5: Statistics of Sprout

Start at: 2018-07-10 13:35:51
End at: 2018-07-10 13:36:21
Local clock offset: -0.451 ms
Remote clock offset: -6.695 ms

Below is generated by plot.py at 2018-07-10 15:45:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.58 Mbit/s
95th percentile per-packet one-way delay: 12.154 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 36.58 Mbit/s
95th percentile per-packet one-way delay: 12.154 ms
Loss rate: 0.02%

Run 5: Report of Sprout — Data Link

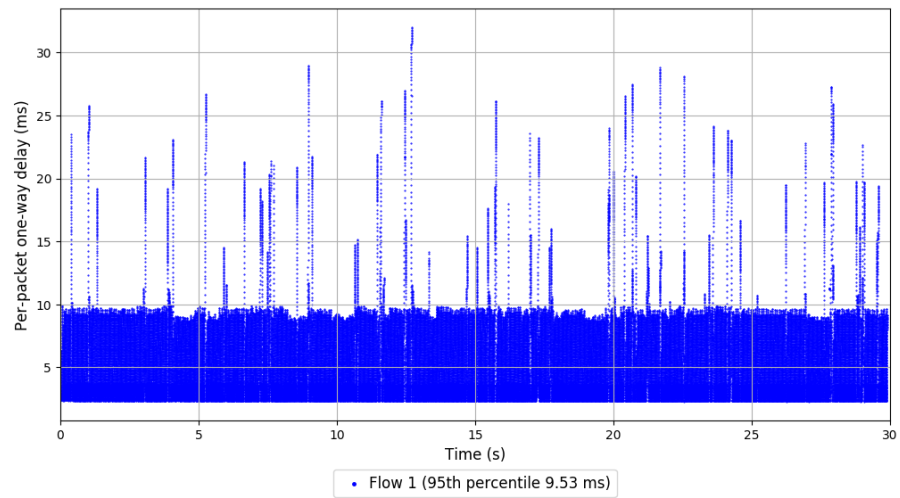
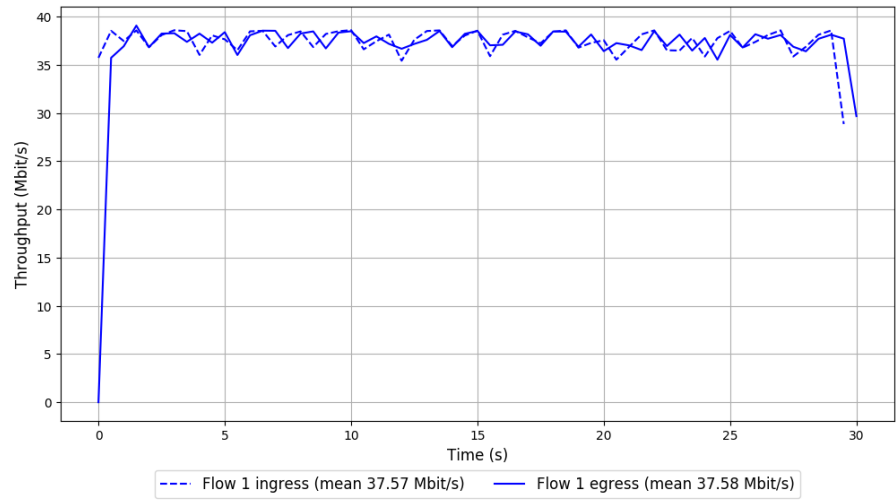


Run 6: Statistics of Sprout

Start at: 2018-07-10 13:54:49
End at: 2018-07-10 13:55:19
Local clock offset: -0.355 ms
Remote clock offset: -9.335 ms

Below is generated by plot.py at 2018-07-10 15:46:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.58 Mbit/s
95th percentile per-packet one-way delay: 9.526 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 37.58 Mbit/s
95th percentile per-packet one-way delay: 9.526 ms
Loss rate: 0.02%

Run 6: Report of Sprout — Data Link

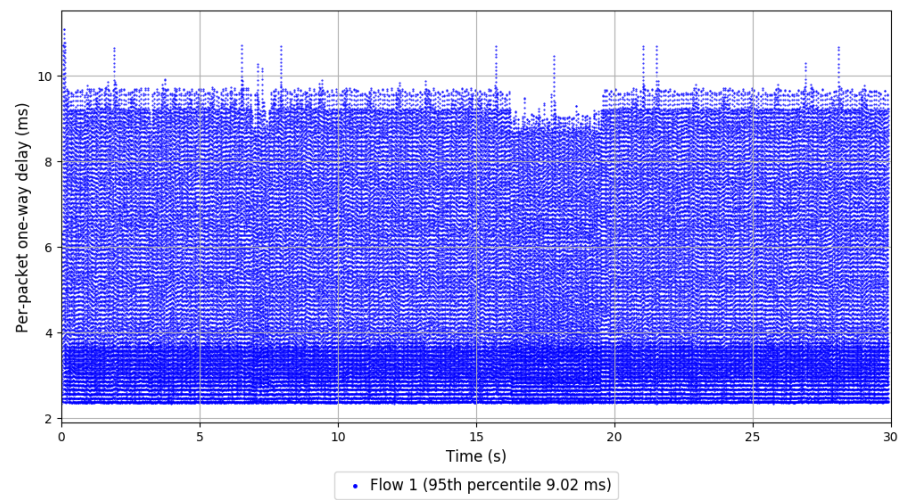
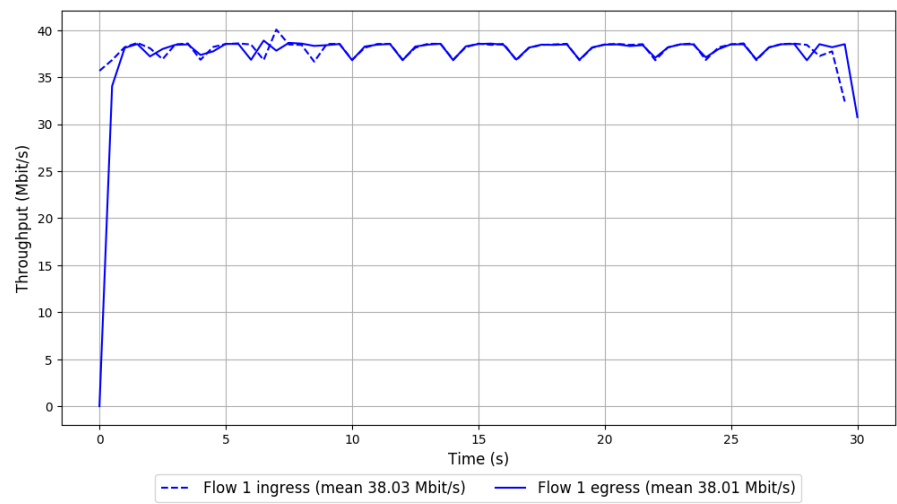


Run 7: Statistics of Sprout

Start at: 2018-07-10 14:13:47
End at: 2018-07-10 14:14:17
Local clock offset: -0.278 ms
Remote clock offset: -7.977 ms

Below is generated by plot.py at 2018-07-10 15:46:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 38.01 Mbit/s
95th percentile per-packet one-way delay: 9.023 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 38.01 Mbit/s
95th percentile per-packet one-way delay: 9.023 ms
Loss rate: 0.07%

Run 7: Report of Sprout — Data Link

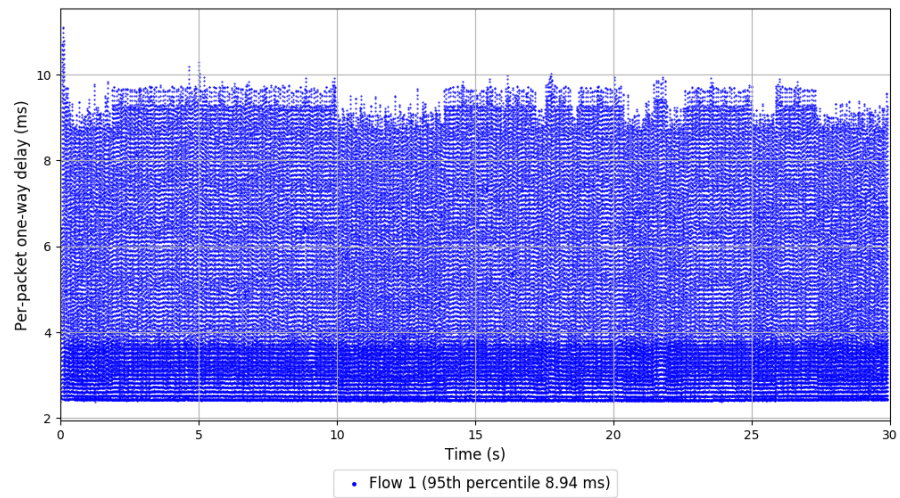
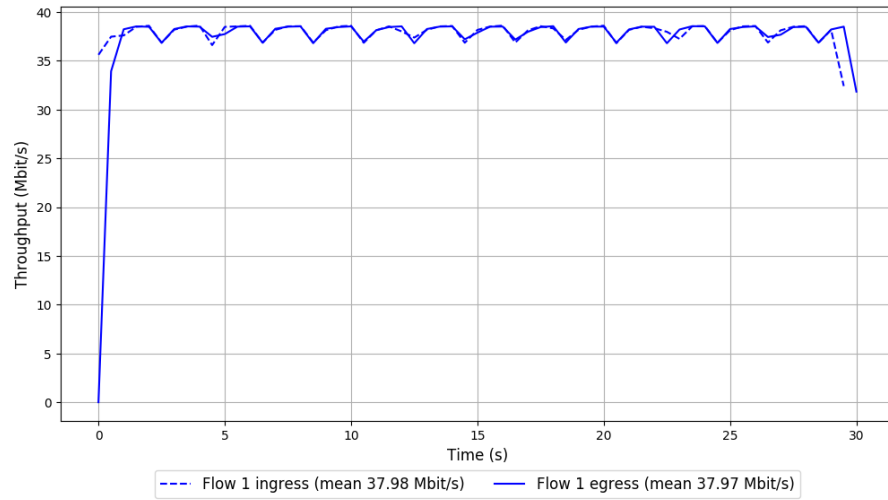


Run 8: Statistics of Sprout

Start at: 2018-07-10 14:32:47
End at: 2018-07-10 14:33:17
Local clock offset: -0.2 ms
Remote clock offset: -8.247 ms

Below is generated by plot.py at 2018-07-10 15:46:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.97 Mbit/s
95th percentile per-packet one-way delay: 8.938 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 37.97 Mbit/s
95th percentile per-packet one-way delay: 8.938 ms
Loss rate: 0.03%

Run 8: Report of Sprout — Data Link

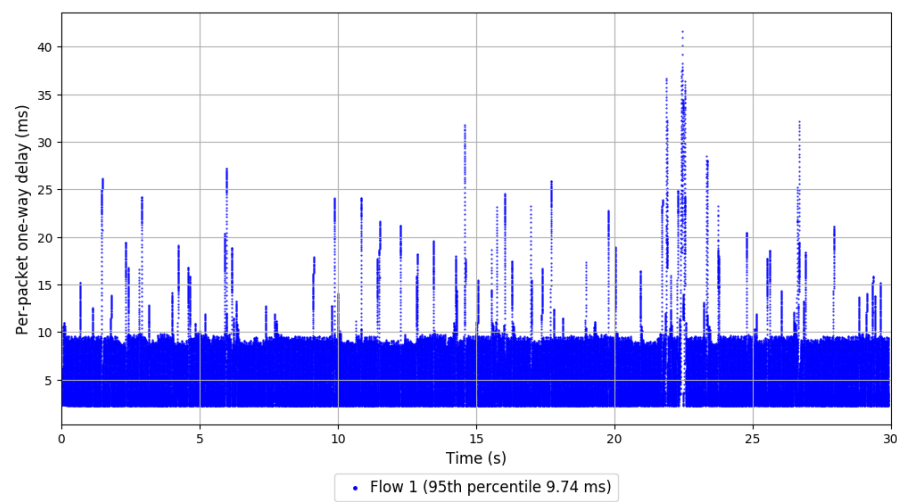
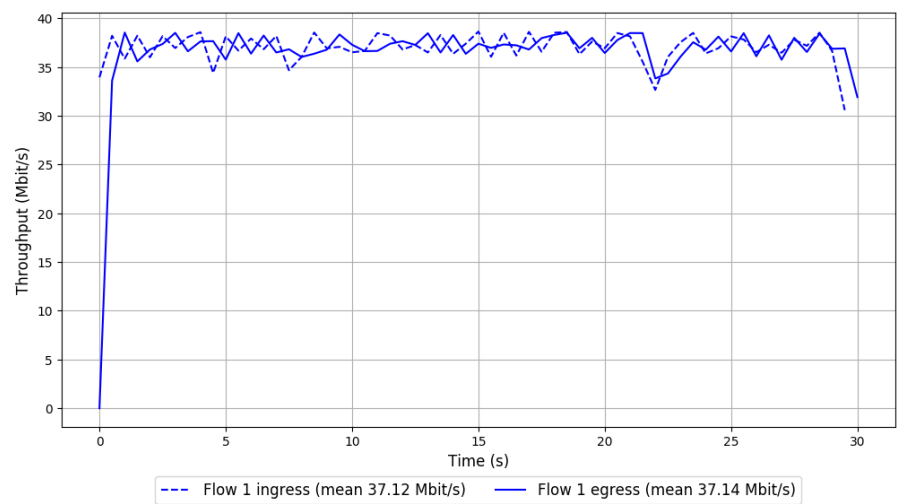


Run 9: Statistics of Sprout

Start at: 2018-07-10 14:51:49
End at: 2018-07-10 14:52:19
Local clock offset: -0.315 ms
Remote clock offset: -6.902 ms

Below is generated by plot.py at 2018-07-10 15:46:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.14 Mbit/s
95th percentile per-packet one-way delay: 9.745 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 37.14 Mbit/s
95th percentile per-packet one-way delay: 9.745 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

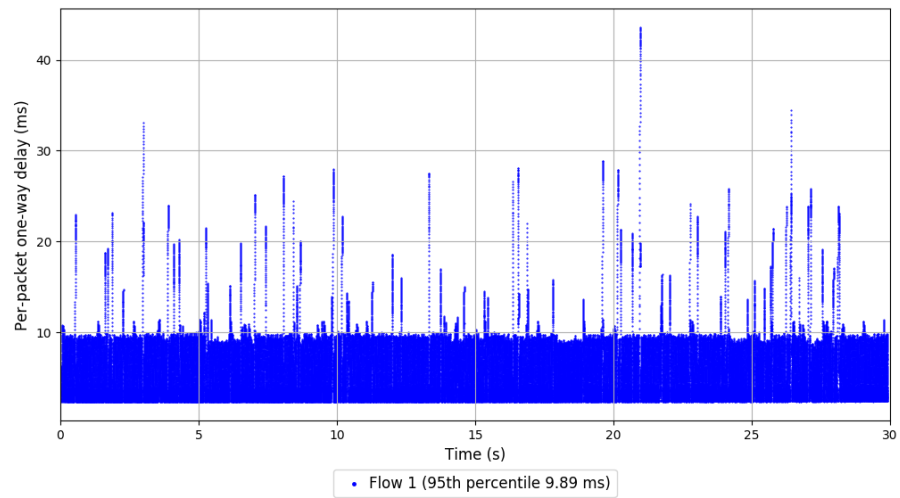
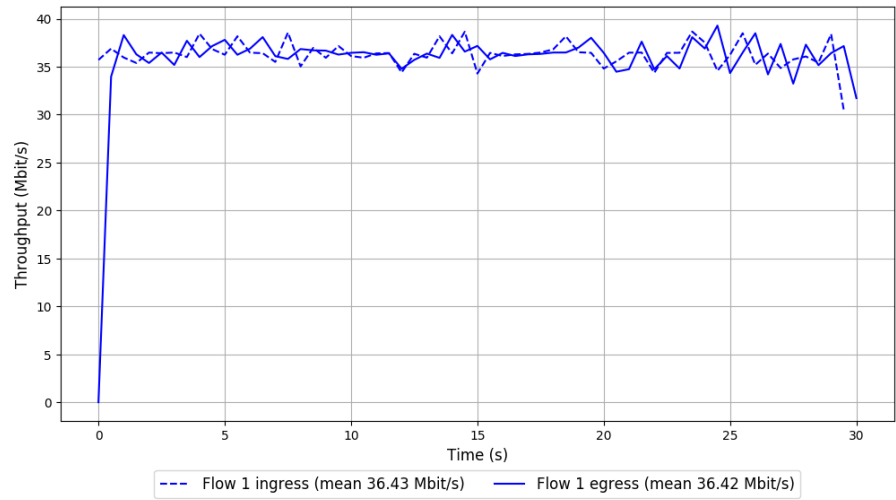


Run 10: Statistics of Sprout

Start at: 2018-07-10 15:10:45
End at: 2018-07-10 15:11:15
Local clock offset: -0.499 ms
Remote clock offset: -6.645 ms

Below is generated by plot.py at 2018-07-10 15:46:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 36.42 Mbit/s
95th percentile per-packet one-way delay: 9.895 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 36.42 Mbit/s
95th percentile per-packet one-way delay: 9.895 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-07-10 12:27:33

End at: 2018-07-10 12:28:03

Local clock offset: -1.006 ms

Remote clock offset: -2.25 ms

Below is generated by plot.py at 2018-07-10 15:47:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.60 Mbit/s

95th percentile per-packet one-way delay: 2.438 ms

Loss rate: 0.02%

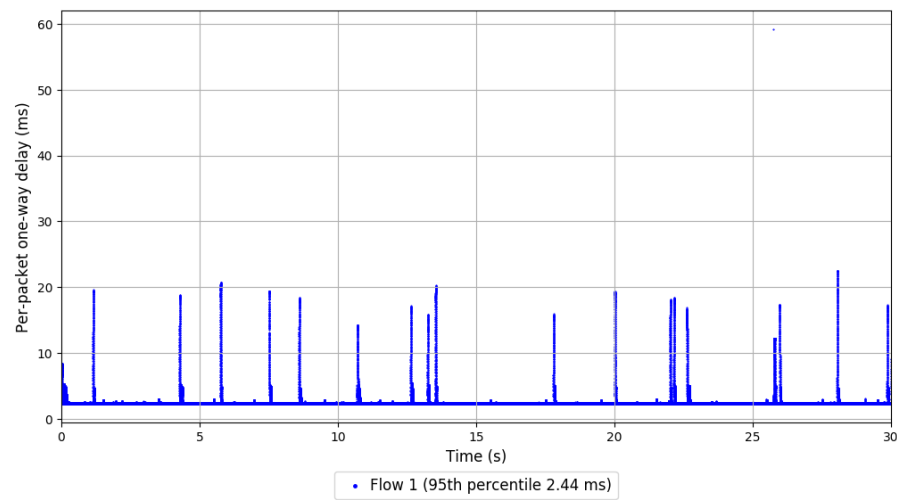
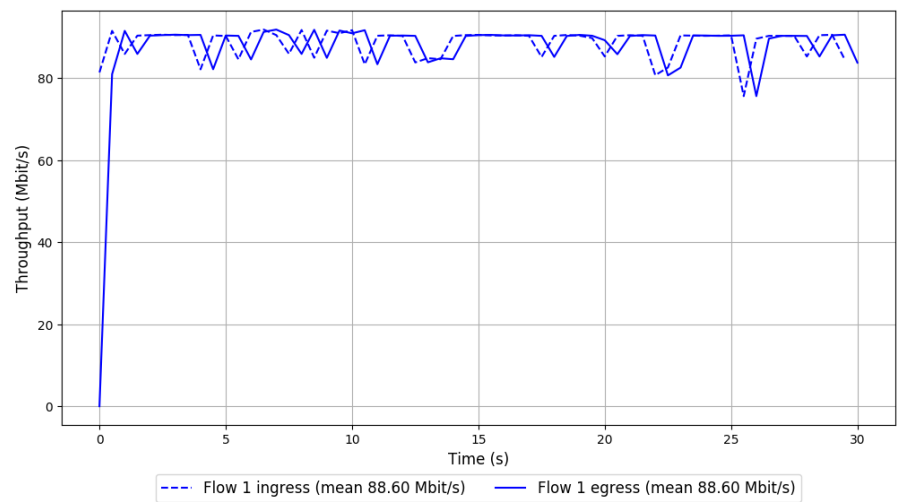
-- Flow 1:

Average throughput: 88.60 Mbit/s

95th percentile per-packet one-way delay: 2.438 ms

Loss rate: 0.02%

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

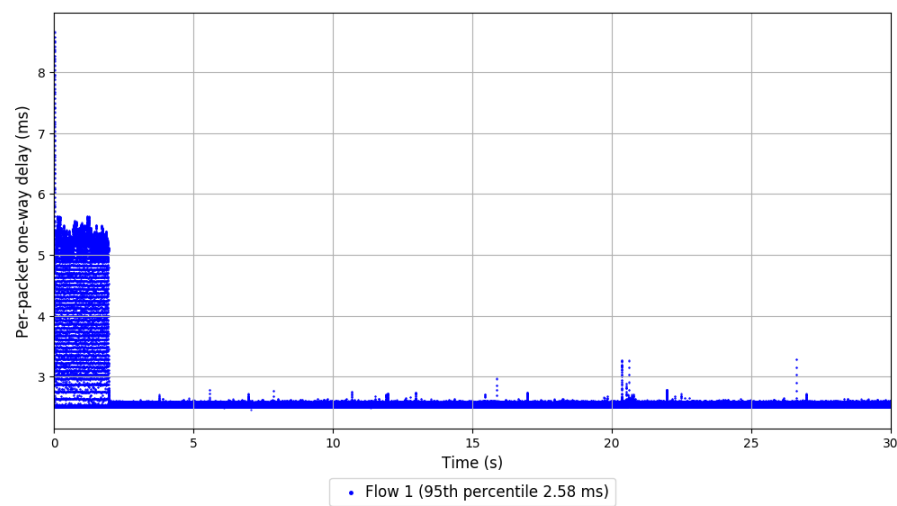
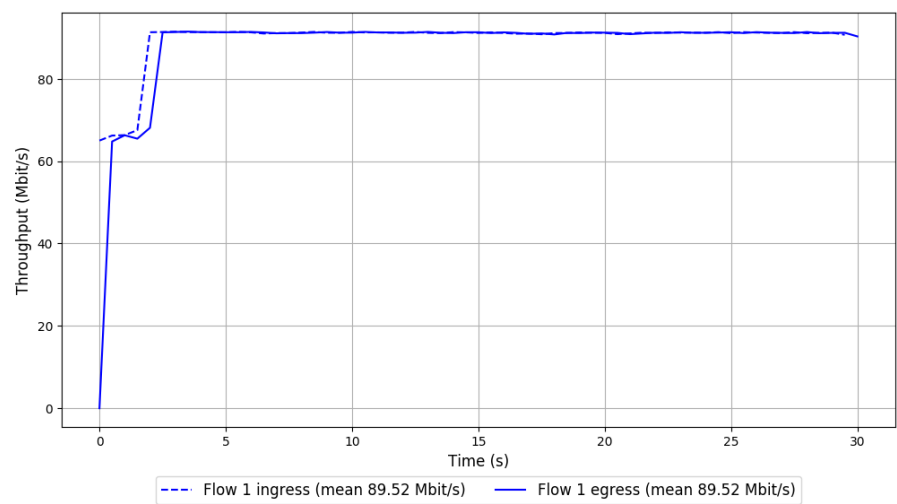


Run 2: Statistics of TaoVA-100x

Start at: 2018-07-10 12:46:36
End at: 2018-07-10 12:47:06
Local clock offset: -0.809 ms
Remote clock offset: -2.332 ms

Below is generated by plot.py at 2018-07-10 15:47:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.52 Mbit/s
95th percentile per-packet one-way delay: 2.582 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 89.52 Mbit/s
95th percentile per-packet one-way delay: 2.582 ms
Loss rate: 0.02%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-07-10 13:05:37

End at: 2018-07-10 13:06:07

Local clock offset: -0.66 ms

Remote clock offset: -2.444 ms

Below is generated by plot.py at 2018-07-10 15:48:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.52 Mbit/s

95th percentile per-packet one-way delay: 2.502 ms

Loss rate: 0.02%

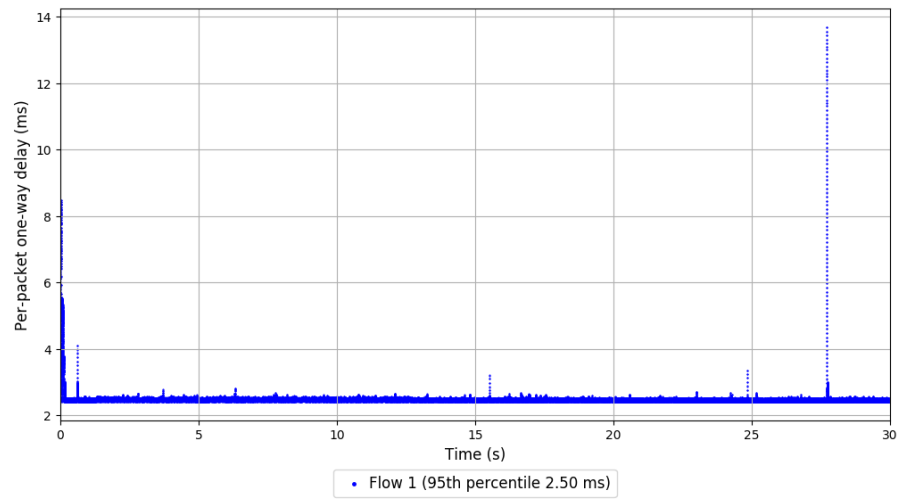
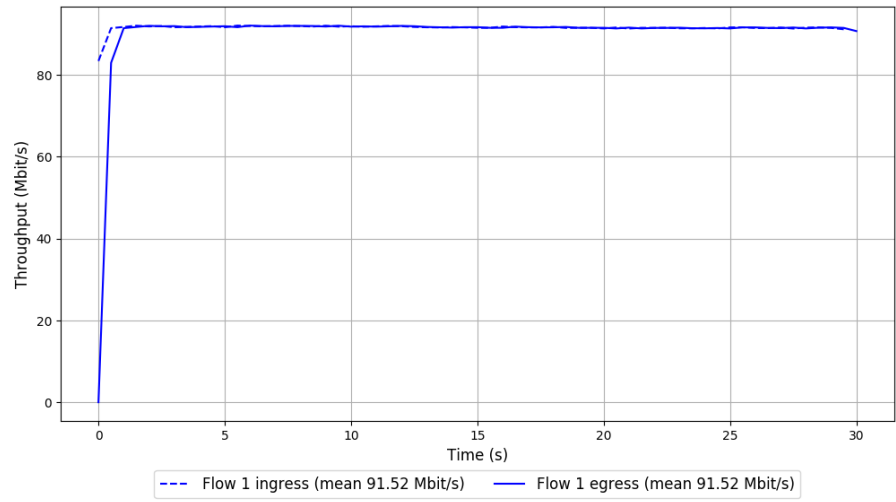
-- Flow 1:

Average throughput: 91.52 Mbit/s

95th percentile per-packet one-way delay: 2.502 ms

Loss rate: 0.02%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-07-10 13:24:39

End at: 2018-07-10 13:25:09

Local clock offset: -0.54 ms

Remote clock offset: -2.194 ms

Below is generated by plot.py at 2018-07-10 15:48:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.52 Mbit/s

95th percentile per-packet one-way delay: 5.057 ms

Loss rate: 0.04%

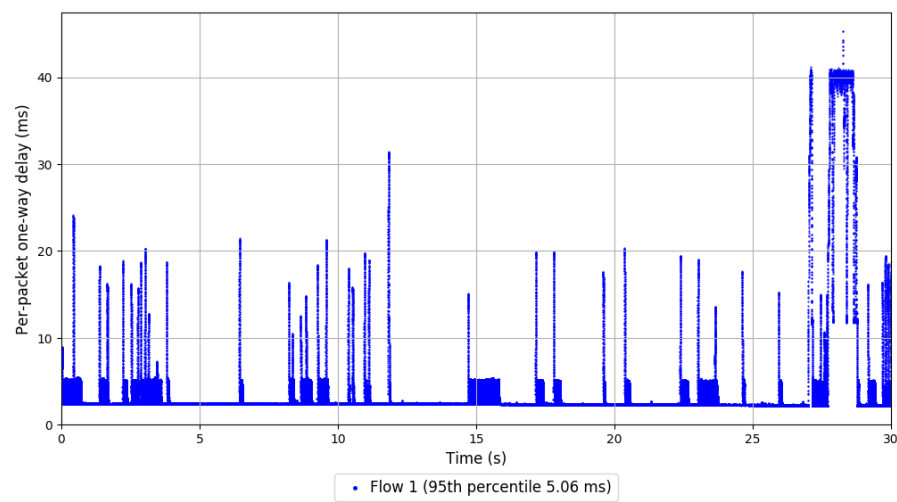
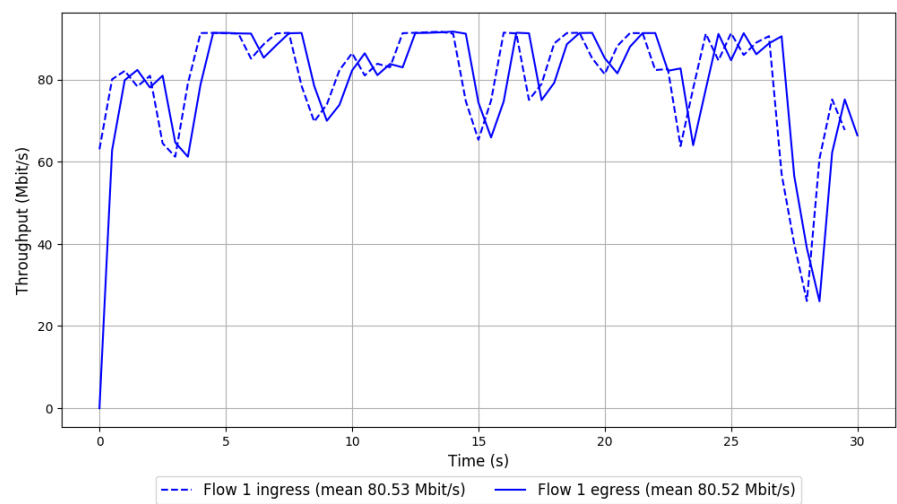
-- Flow 1:

Average throughput: 80.52 Mbit/s

95th percentile per-packet one-way delay: 5.057 ms

Loss rate: 0.04%

Run 4: Report of TaoVA-100x — Data Link



Run 5: Statistics of TaoVA-100x

Start at: 2018-07-10 13:43:36

End at: 2018-07-10 13:44:06

Local clock offset: -0.448 ms

Remote clock offset: -8.136 ms

Below is generated by plot.py at 2018-07-10 15:48:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.76 Mbit/s

95th percentile per-packet one-way delay: 4.685 ms

Loss rate: 0.02%

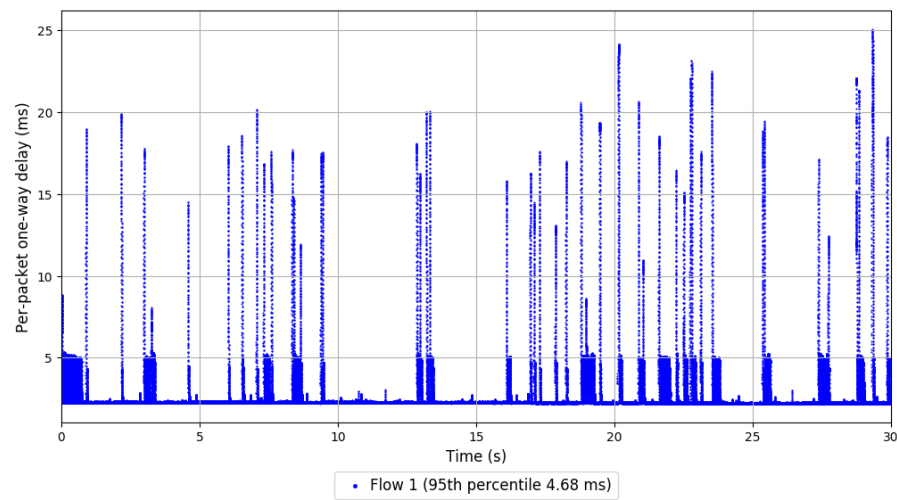
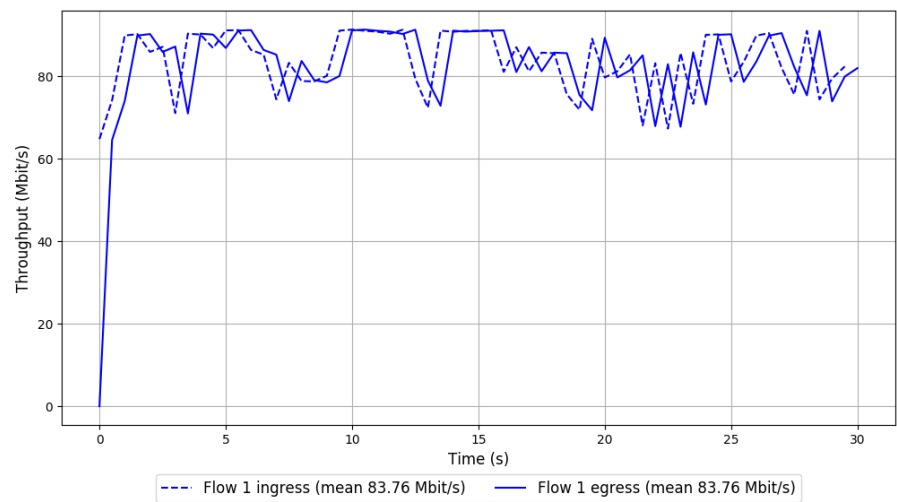
-- Flow 1:

Average throughput: 83.76 Mbit/s

95th percentile per-packet one-way delay: 4.685 ms

Loss rate: 0.02%

Run 5: Report of TaoVA-100x — Data Link



Run 6: Statistics of TaoVA-100x

Start at: 2018-07-10 14:02:34

End at: 2018-07-10 14:03:04

Local clock offset: -0.402 ms

Remote clock offset: -8.934 ms

Below is generated by plot.py at 2018-07-10 15:48:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.71 Mbit/s

95th percentile per-packet one-way delay: 5.375 ms

Loss rate: 0.02%

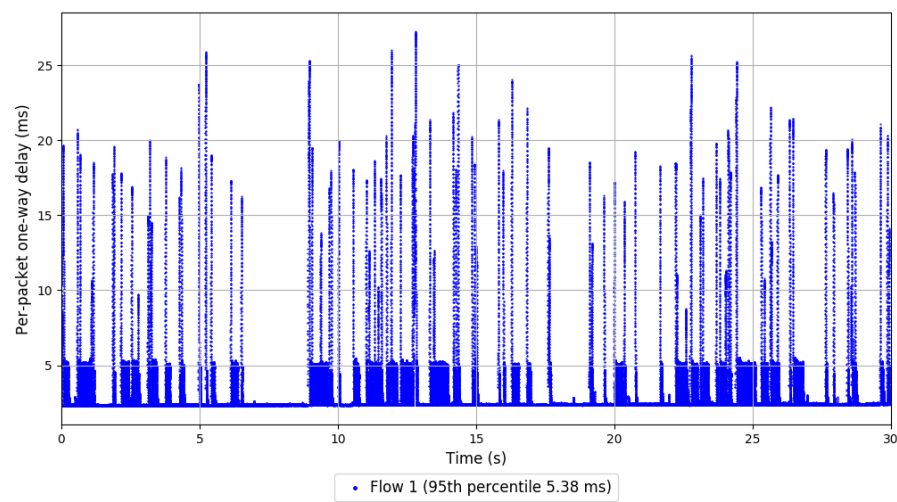
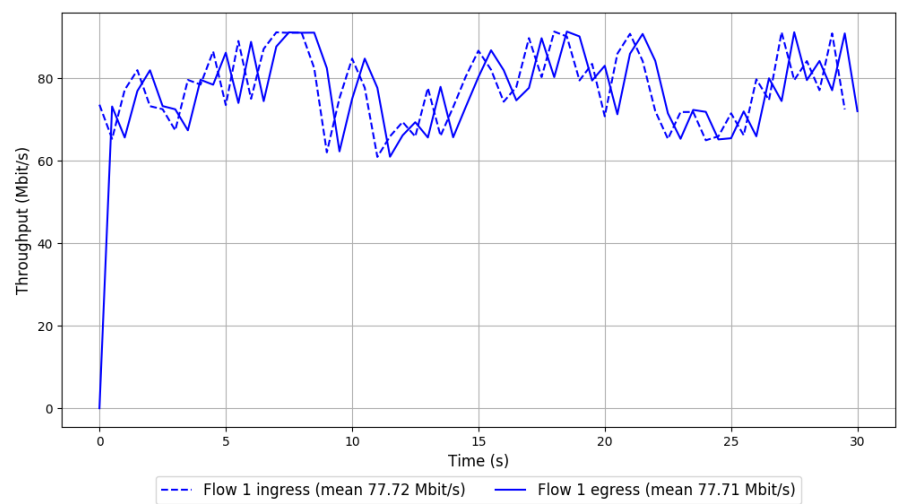
-- Flow 1:

Average throughput: 77.71 Mbit/s

95th percentile per-packet one-way delay: 5.375 ms

Loss rate: 0.02%

Run 6: Report of TaoVA-100x — Data Link



Run 7: Statistics of TaoVA-100x

Start at: 2018-07-10 14:21:34

End at: 2018-07-10 14:22:04

Local clock offset: -0.266 ms

Remote clock offset: -7.955 ms

Below is generated by plot.py at 2018-07-10 15:48:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.04 Mbit/s

95th percentile per-packet one-way delay: 2.401 ms

Loss rate: 0.02%

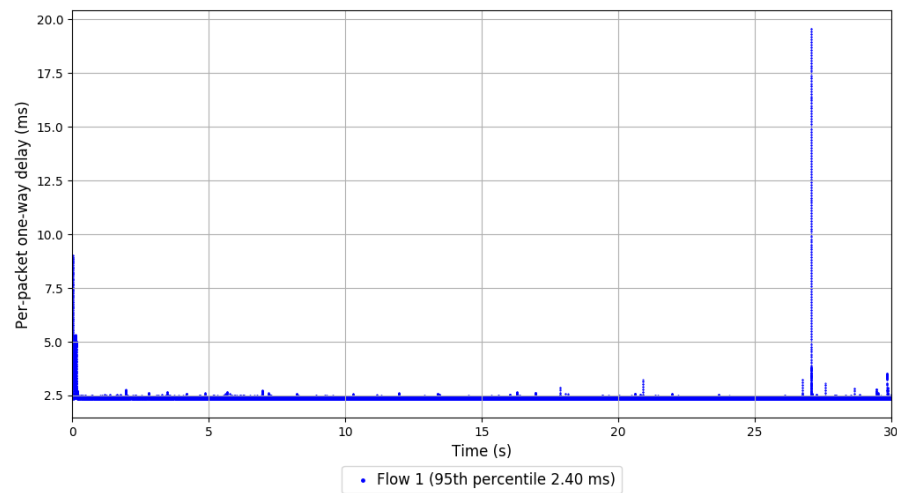
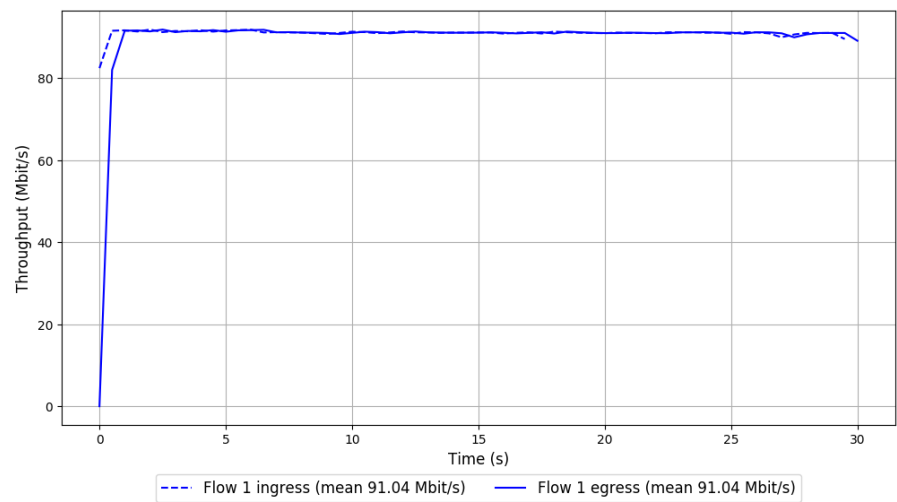
-- Flow 1:

Average throughput: 91.04 Mbit/s

95th percentile per-packet one-way delay: 2.401 ms

Loss rate: 0.02%

Run 7: Report of TaoVA-100x — Data Link



Run 8: Statistics of TaoVA-100x

Start at: 2018-07-10 14:40:36

End at: 2018-07-10 14:41:06

Local clock offset: -0.255 ms

Remote clock offset: -7.347 ms

Below is generated by plot.py at 2018-07-10 15:48:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.37 Mbit/s

95th percentile per-packet one-way delay: 2.459 ms

Loss rate: 0.02%

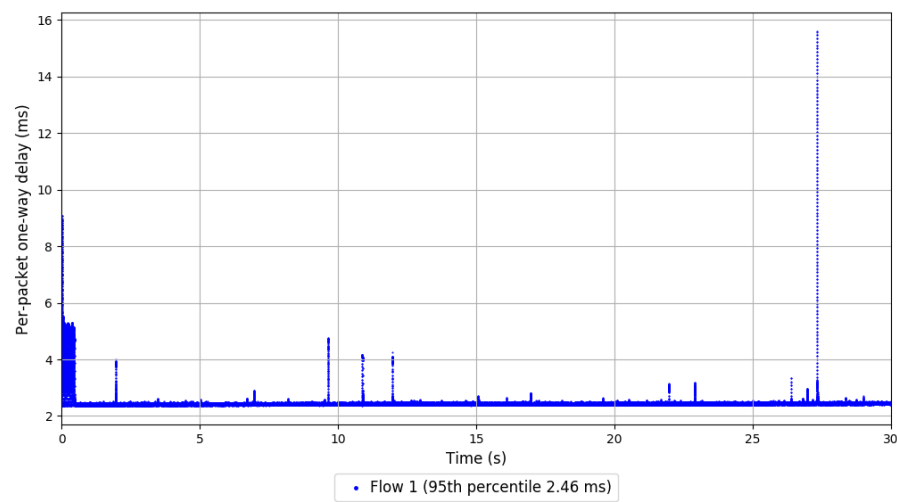
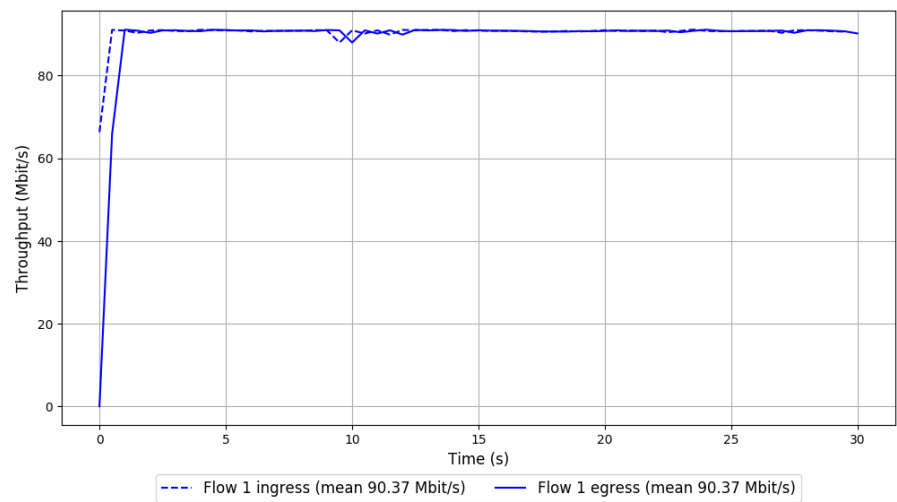
-- Flow 1:

Average throughput: 90.37 Mbit/s

95th percentile per-packet one-way delay: 2.459 ms

Loss rate: 0.02%

Run 8: Report of TaoVA-100x — Data Link



Run 9: Statistics of TaoVA-100x

Start at: 2018-07-10 14:59:33

End at: 2018-07-10 15:00:03

Local clock offset: -0.341 ms

Remote clock offset: -6.89 ms

Below is generated by plot.py at 2018-07-10 15:49:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 68.45 Mbit/s

95th percentile per-packet one-way delay: 13.261 ms

Loss rate: 0.02%

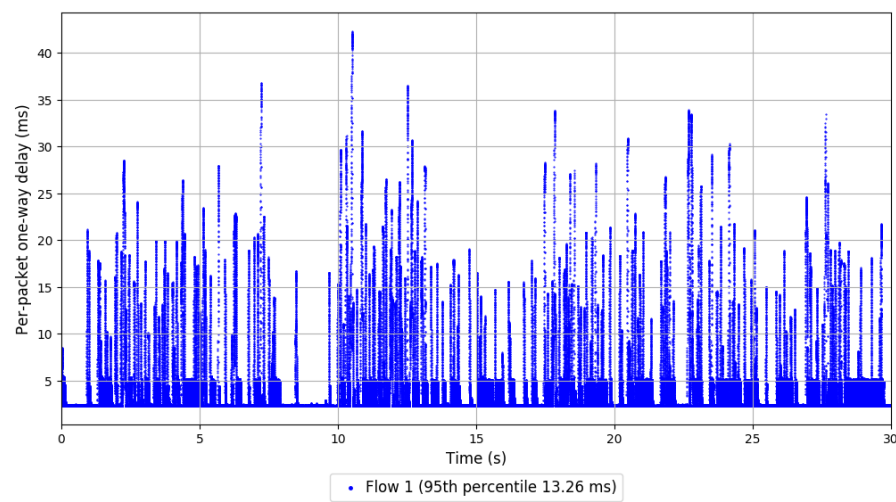
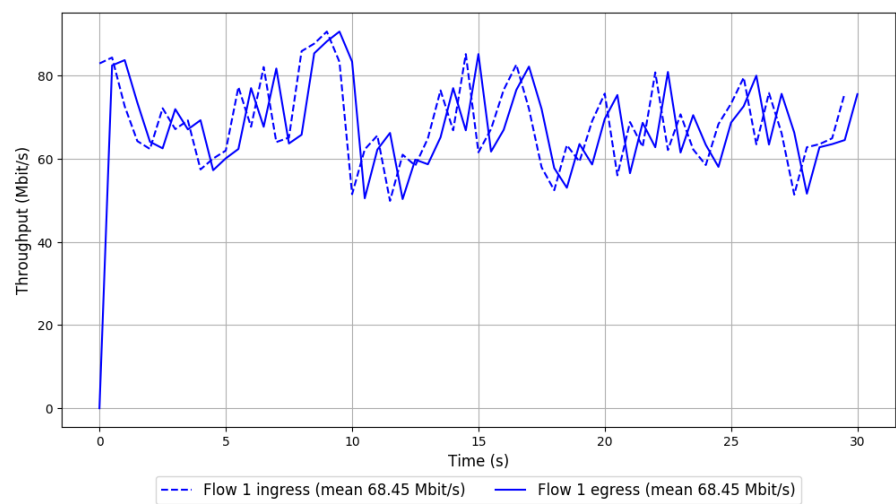
-- Flow 1:

Average throughput: 68.45 Mbit/s

95th percentile per-packet one-way delay: 13.261 ms

Loss rate: 0.02%

Run 9: Report of TaoVA-100x — Data Link



Run 10: Statistics of TaoVA-100x

Start at: 2018-07-10 15:18:32

End at: 2018-07-10 15:19:02

Local clock offset: -0.552 ms

Remote clock offset: -6.078 ms

Below is generated by plot.py at 2018-07-10 15:49:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 35.91 Mbit/s

95th percentile per-packet one-way delay: 6.952 ms

Loss rate: 0.01%

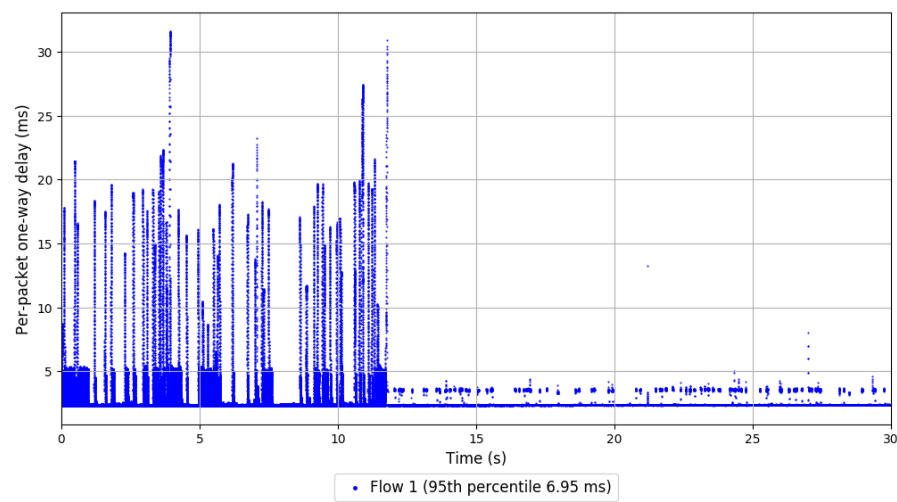
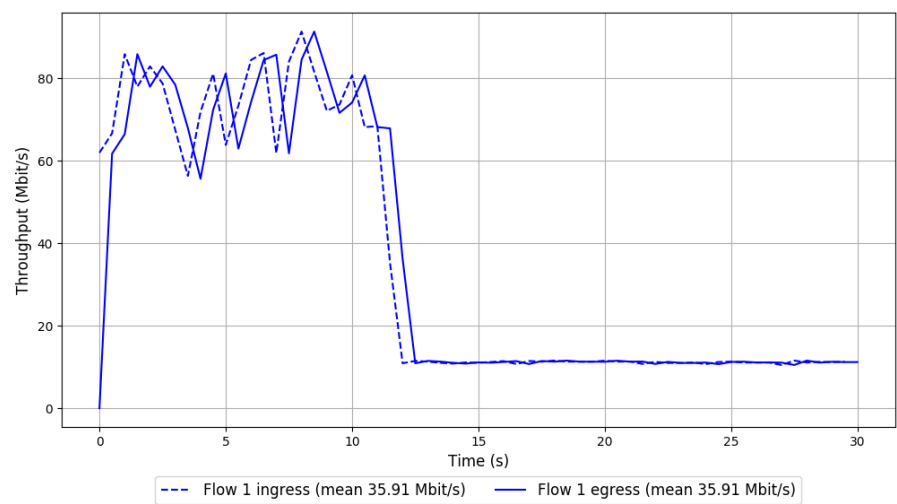
-- Flow 1:

Average throughput: 35.91 Mbit/s

95th percentile per-packet one-way delay: 6.952 ms

Loss rate: 0.01%

Run 10: Report of TaoVA-100x — Data Link

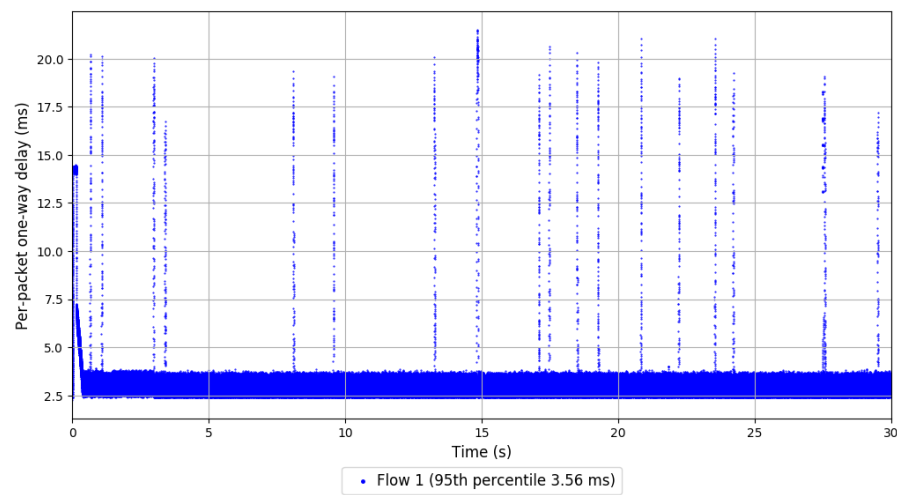
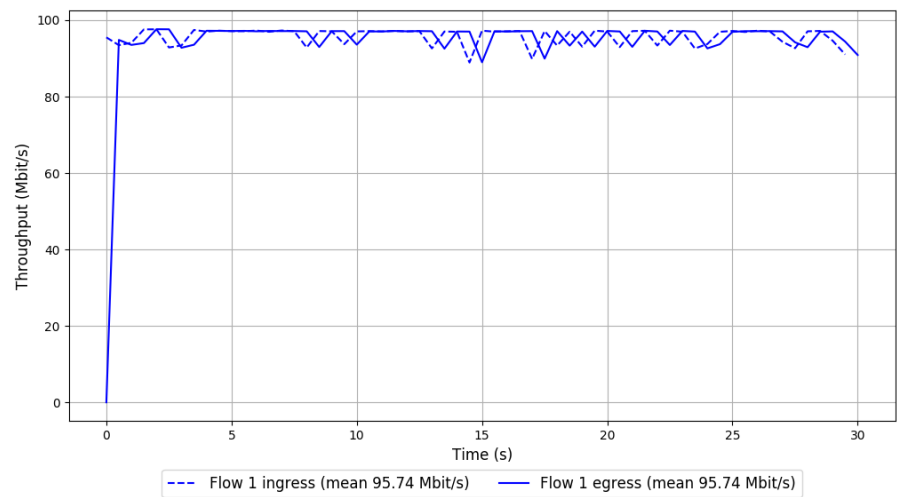


Run 1: Statistics of TCP Vegas

Start at: 2018-07-10 12:34:17
End at: 2018-07-10 12:34:47
Local clock offset: -0.999 ms
Remote clock offset: -2.388 ms

Below is generated by plot.py at 2018-07-10 15:49:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 3.565 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 95.74 Mbit/s
95th percentile per-packet one-way delay: 3.565 ms
Loss rate: 0.02%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2018-07-10 12:53:20
End at: 2018-07-10 12:53:50
Local clock offset: -0.739 ms
Remote clock offset: -2.178 ms

Below is generated by plot.py at 2018-07-10 15:49:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.71 Mbit/s

95th percentile per-packet one-way delay: 3.605 ms

Loss rate: 0.02%

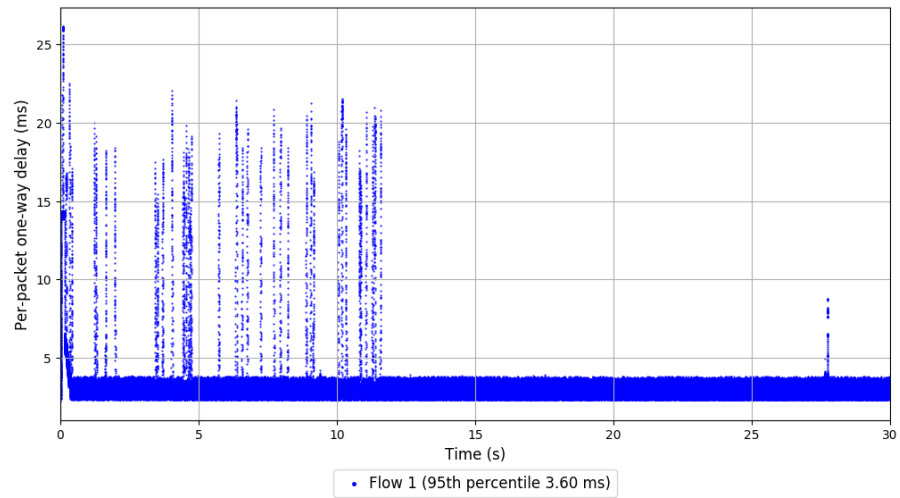
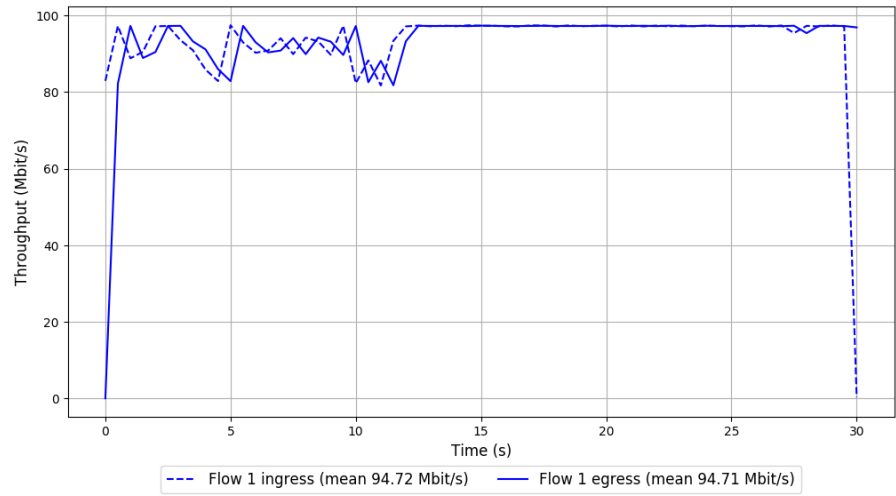
-- Flow 1:

Average throughput: 94.71 Mbit/s

95th percentile per-packet one-way delay: 3.605 ms

Loss rate: 0.02%

Run 2: Report of TCP Vegas — Data Link

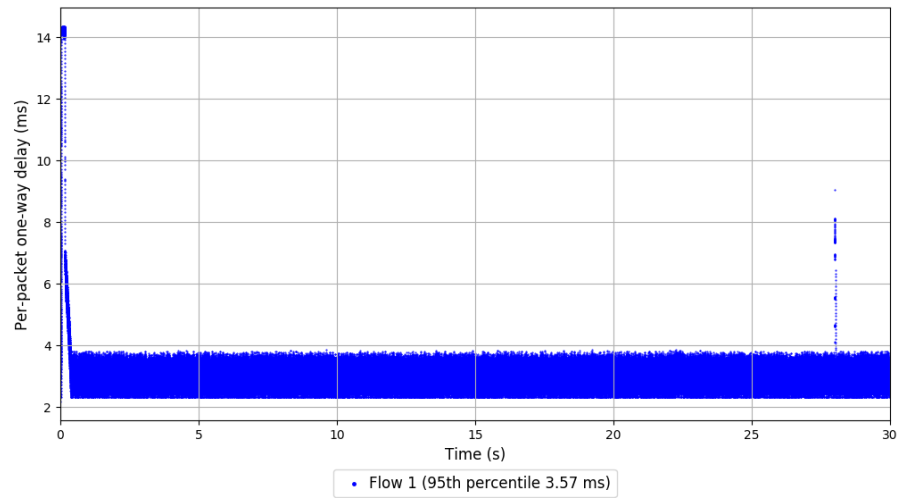
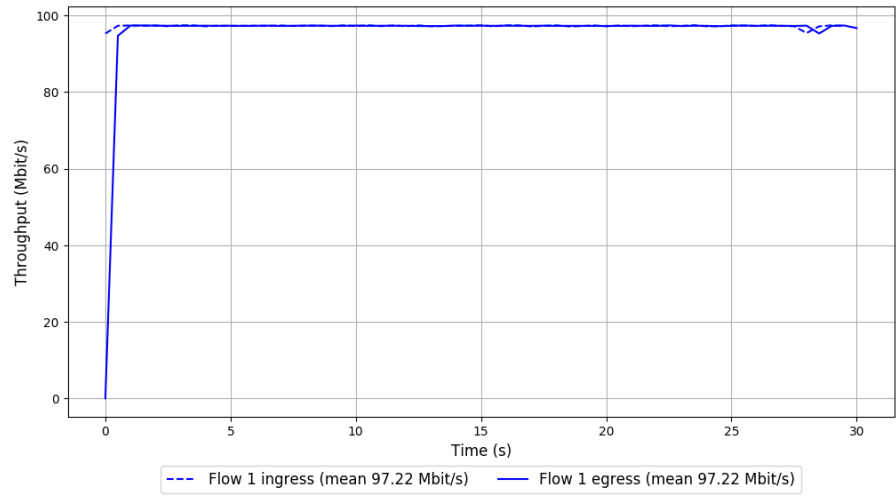


Run 3: Statistics of TCP Vegas

Start at: 2018-07-10 13:12:22
End at: 2018-07-10 13:12:52
Local clock offset: -0.615 ms
Remote clock offset: -2.296 ms

Below is generated by plot.py at 2018-07-10 15:49:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 3.572 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 3.572 ms
Loss rate: 0.02%

Run 3: Report of TCP Vegas — Data Link

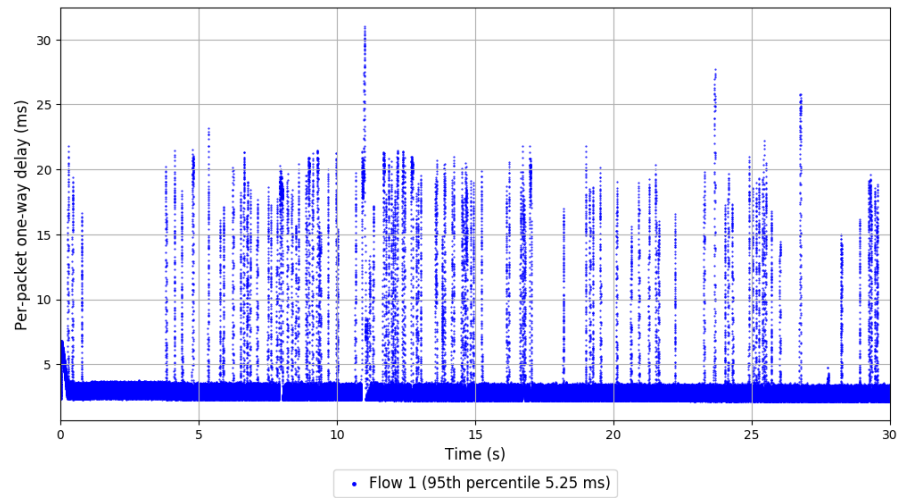
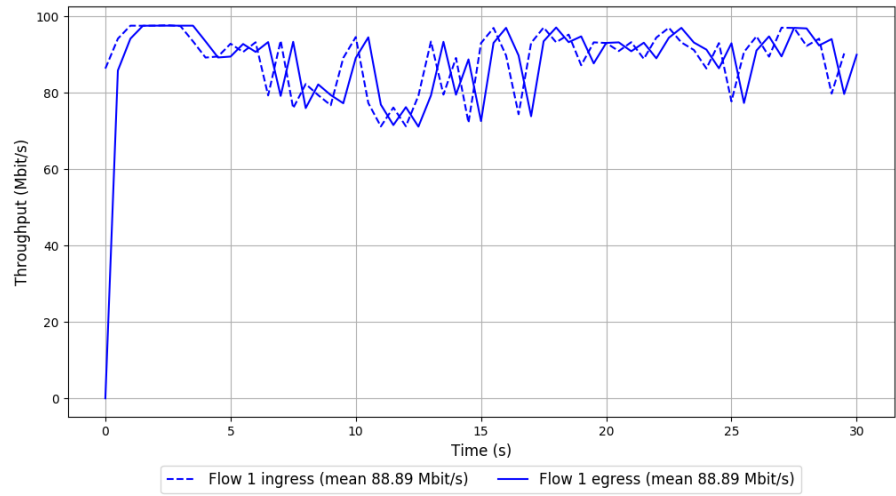


Run 4: Statistics of TCP Vegas

Start at: 2018-07-10 13:31:22
End at: 2018-07-10 13:31:52
Local clock offset: -0.477 ms
Remote clock offset: -5.362 ms

Below is generated by plot.py at 2018-07-10 15:49:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.89 Mbit/s
95th percentile per-packet one-way delay: 5.248 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 88.89 Mbit/s
95th percentile per-packet one-way delay: 5.248 ms
Loss rate: 0.02%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-07-10 13:50:19

End at: 2018-07-10 13:50:49

Local clock offset: -0.342 ms

Remote clock offset: -8.99 ms

Below is generated by plot.py at 2018-07-10 15:49:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.37 Mbit/s

95th percentile per-packet one-way delay: 3.719 ms

Loss rate: 0.02%

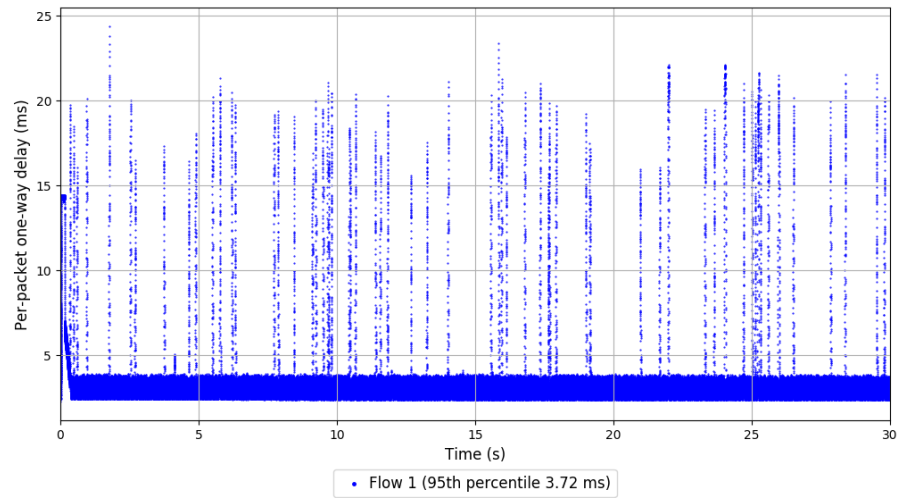
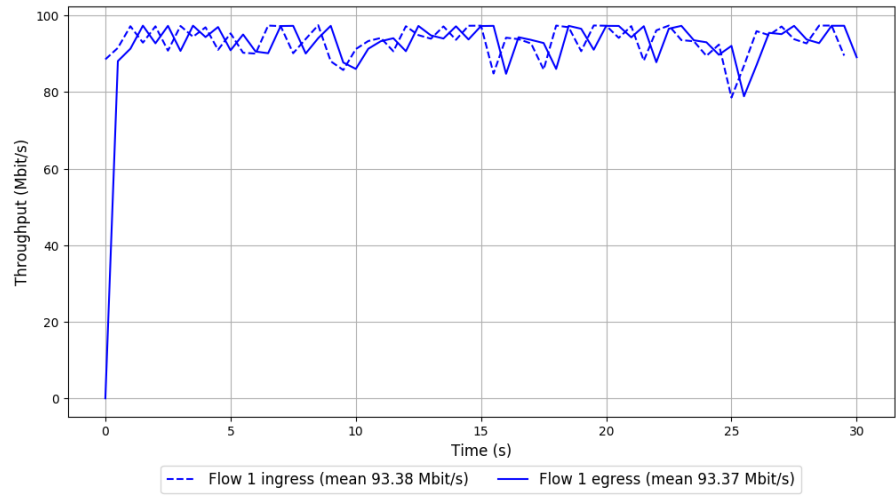
-- Flow 1:

Average throughput: 93.37 Mbit/s

95th percentile per-packet one-way delay: 3.719 ms

Loss rate: 0.02%

Run 5: Report of TCP Vegas — Data Link

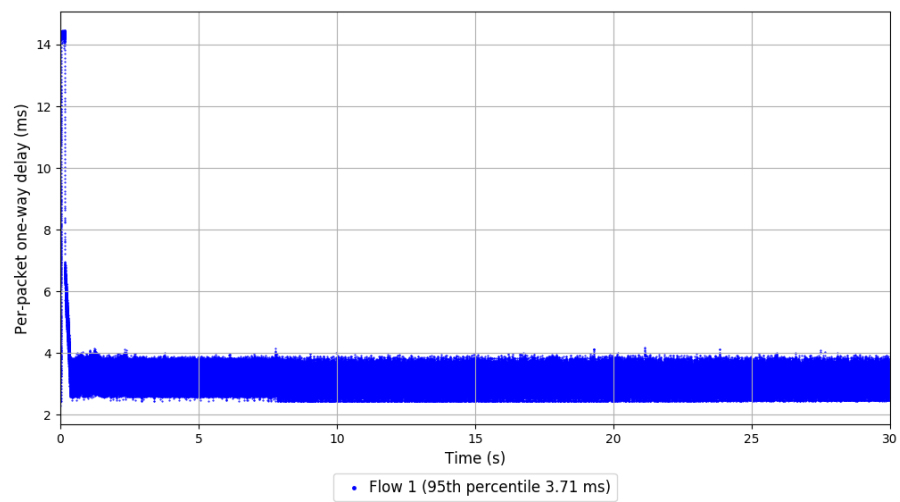
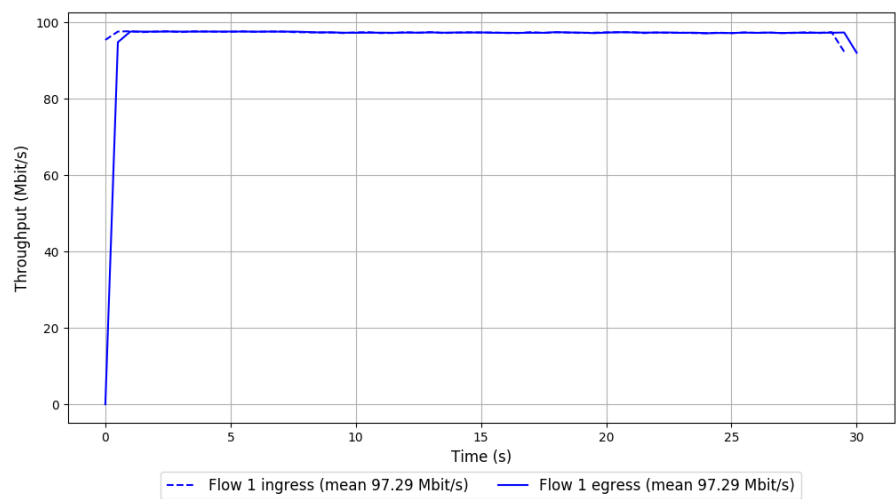


Run 6: Statistics of TCP Vegas

Start at: 2018-07-10 14:09:17
End at: 2018-07-10 14:09:47
Local clock offset: -0.312 ms
Remote clock offset: -8.239 ms

Below is generated by plot.py at 2018-07-10 15:49:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.29 Mbit/s
95th percentile per-packet one-way delay: 3.706 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.29 Mbit/s
95th percentile per-packet one-way delay: 3.706 ms
Loss rate: 0.02%

Run 6: Report of TCP Vegas — Data Link

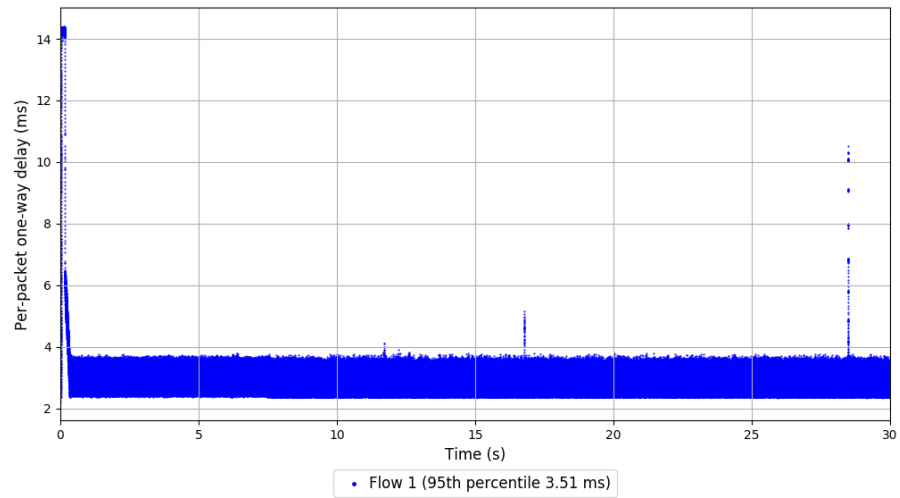
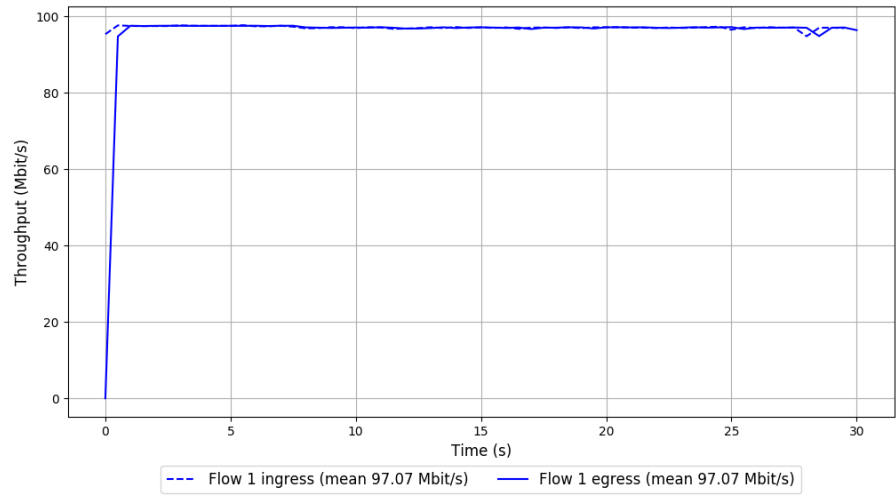


Run 7: Statistics of TCP Vegas

Start at: 2018-07-10 14:28:17
End at: 2018-07-10 14:28:47
Local clock offset: -0.21 ms
Remote clock offset: -8.063 ms

Below is generated by plot.py at 2018-07-10 15:49:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 3.512 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 3.512 ms
Loss rate: 0.02%

Run 7: Report of TCP Vegas — Data Link

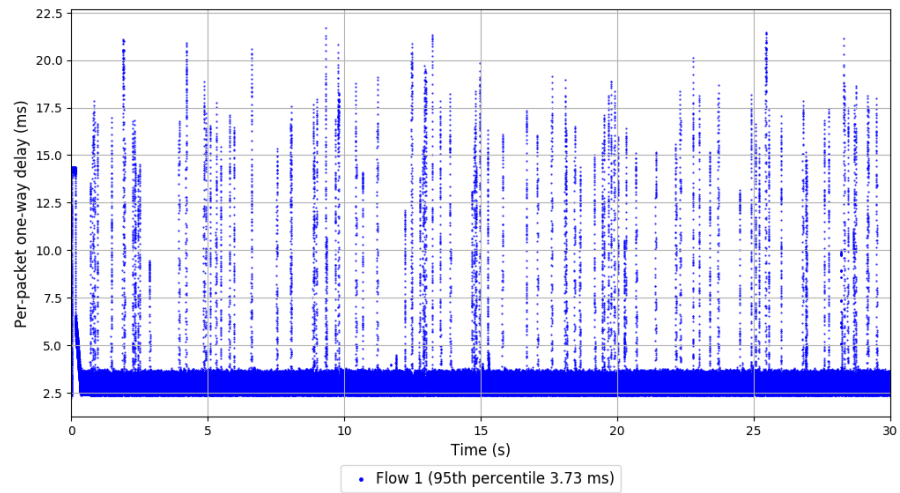
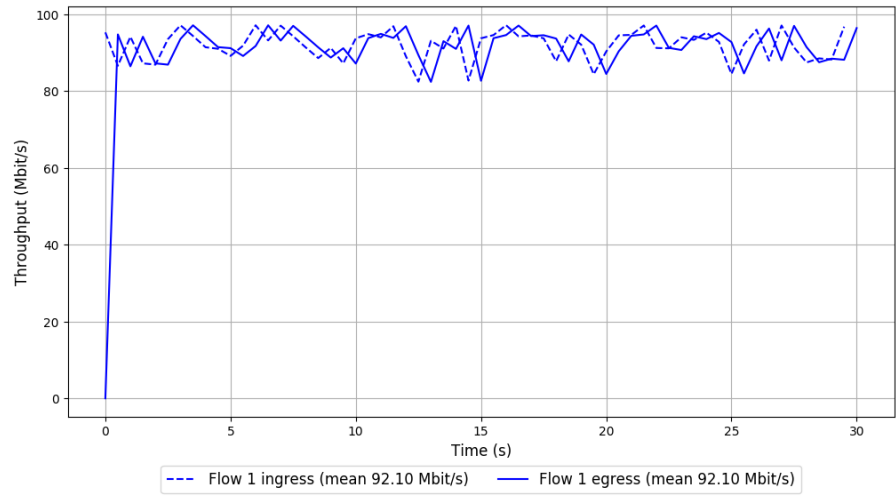


Run 8: Statistics of TCP Vegas

Start at: 2018-07-10 14:47:20
End at: 2018-07-10 14:47:50
Local clock offset: -0.282 ms
Remote clock offset: -7.031 ms

Below is generated by plot.py at 2018-07-10 15:50:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.10 Mbit/s
95th percentile per-packet one-way delay: 3.726 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 92.10 Mbit/s
95th percentile per-packet one-way delay: 3.726 ms
Loss rate: 0.02%

Run 8: Report of TCP Vegas — Data Link

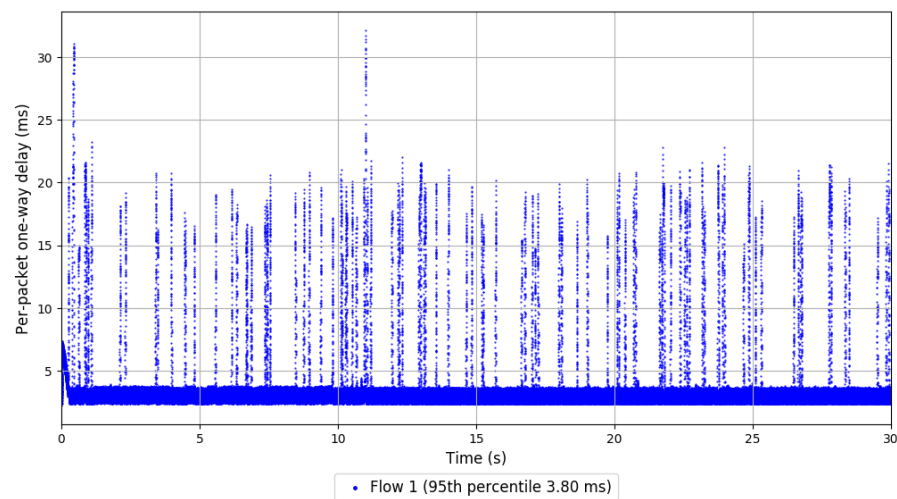
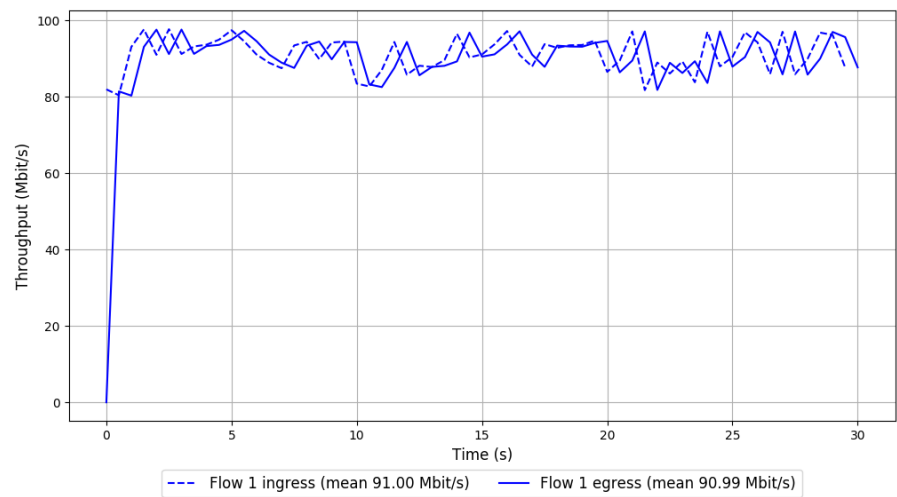


Run 9: Statistics of TCP Vegas

Start at: 2018-07-10 15:06:16
End at: 2018-07-10 15:06:46
Local clock offset: -0.424 ms
Remote clock offset: -6.935 ms

Below is generated by plot.py at 2018-07-10 15:50:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.99 Mbit/s
95th percentile per-packet one-way delay: 3.803 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 90.99 Mbit/s
95th percentile per-packet one-way delay: 3.803 ms
Loss rate: 0.02%

Run 9: Report of TCP Vegas — Data Link

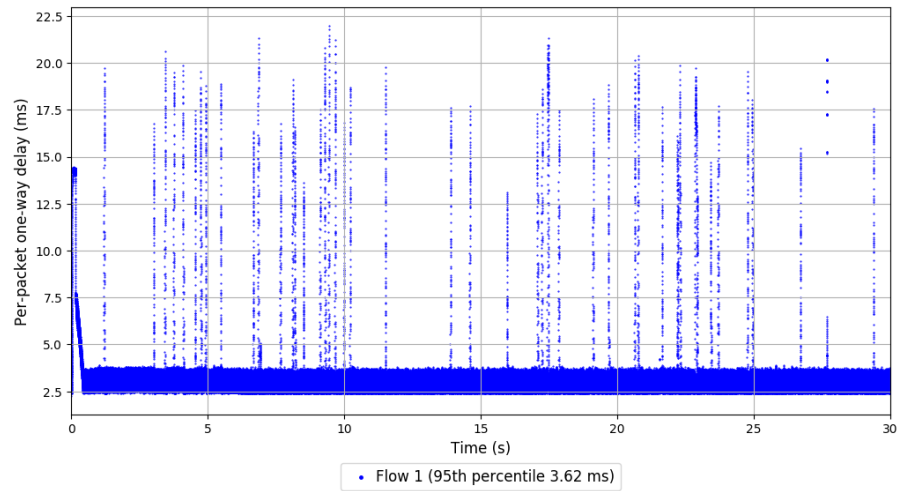
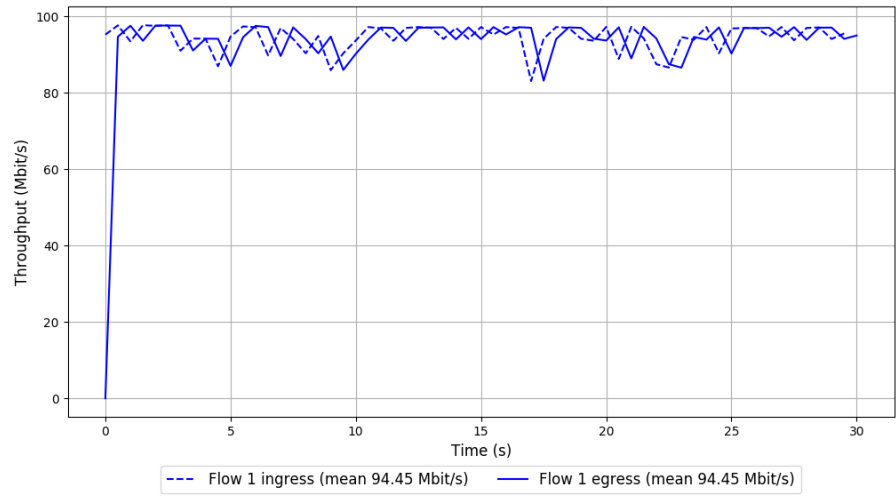


Run 10: Statistics of TCP Vegas

Start at: 2018-07-10 15:25:11
End at: 2018-07-10 15:25:41
Local clock offset: -0.653 ms
Remote clock offset: -5.974 ms

Below is generated by plot.py at 2018-07-10 15:50:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.45 Mbit/s
95th percentile per-packet one-way delay: 3.625 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 94.45 Mbit/s
95th percentile per-packet one-way delay: 3.625 ms
Loss rate: 0.02%

Run 10: Report of TCP Vegas — Data Link

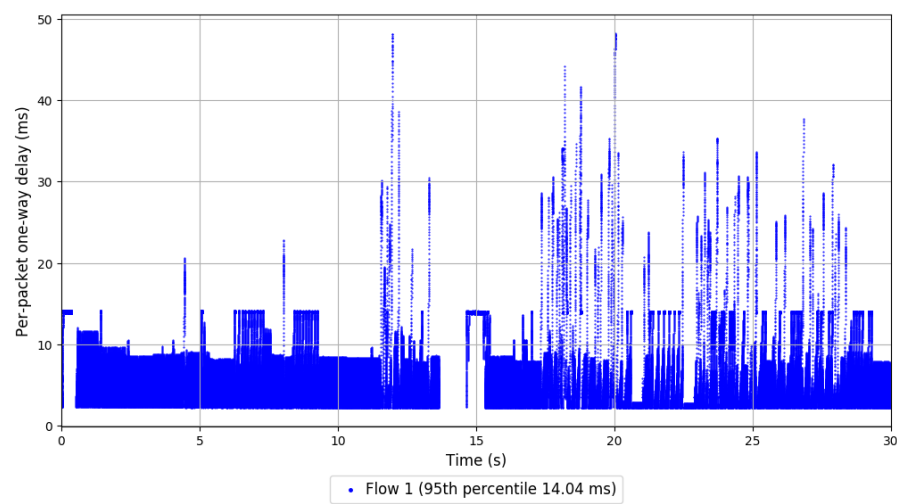
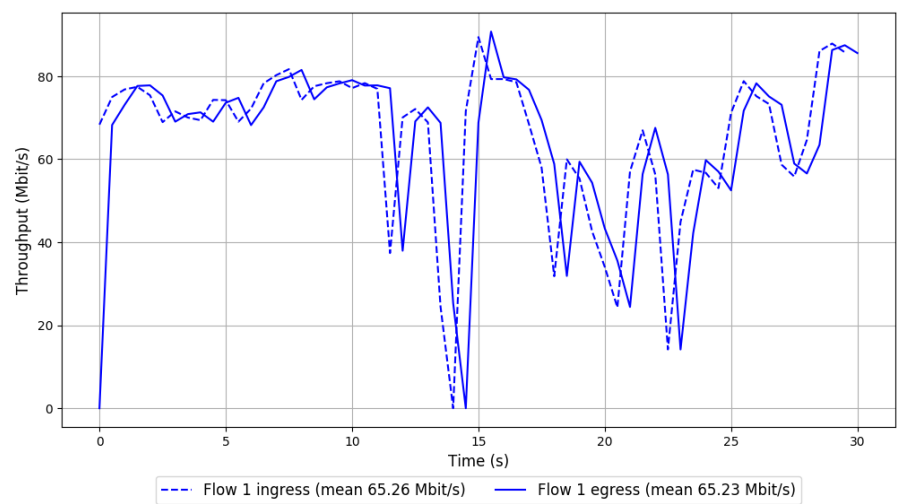


Run 1: Statistics of Verus

Start at: 2018-07-10 12:17:30
End at: 2018-07-10 12:18:00
Local clock offset: -1.114 ms
Remote clock offset: -1.375 ms

Below is generated by plot.py at 2018-07-10 15:50:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.23 Mbit/s
95th percentile per-packet one-way delay: 14.044 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 65.23 Mbit/s
95th percentile per-packet one-way delay: 14.044 ms
Loss rate: 0.05%

Run 1: Report of Verus — Data Link

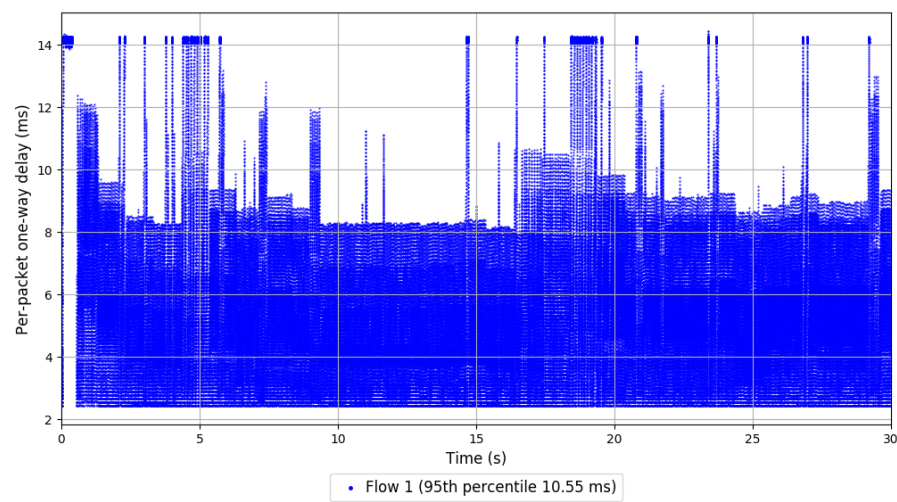
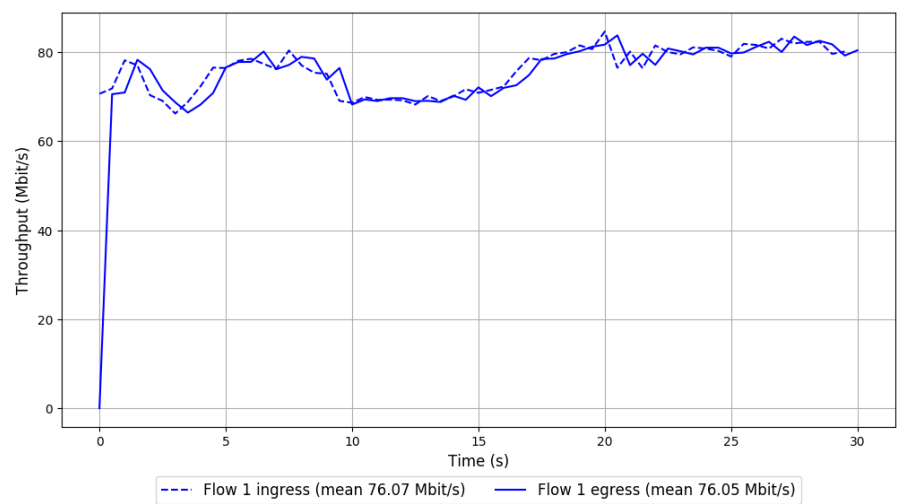


Run 2: Statistics of Verus

Start at: 2018-07-10 12:36:31
End at: 2018-07-10 12:37:01
Local clock offset: -0.918 ms
Remote clock offset: -2.375 ms

Below is generated by plot.py at 2018-07-10 15:50:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.05 Mbit/s
95th percentile per-packet one-way delay: 10.547 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 76.05 Mbit/s
95th percentile per-packet one-way delay: 10.547 ms
Loss rate: 0.03%

Run 2: Report of Verus — Data Link

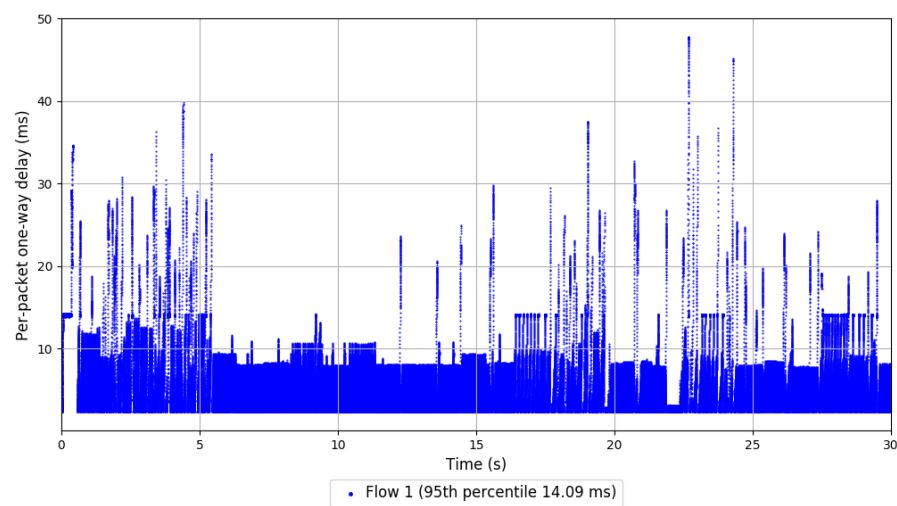
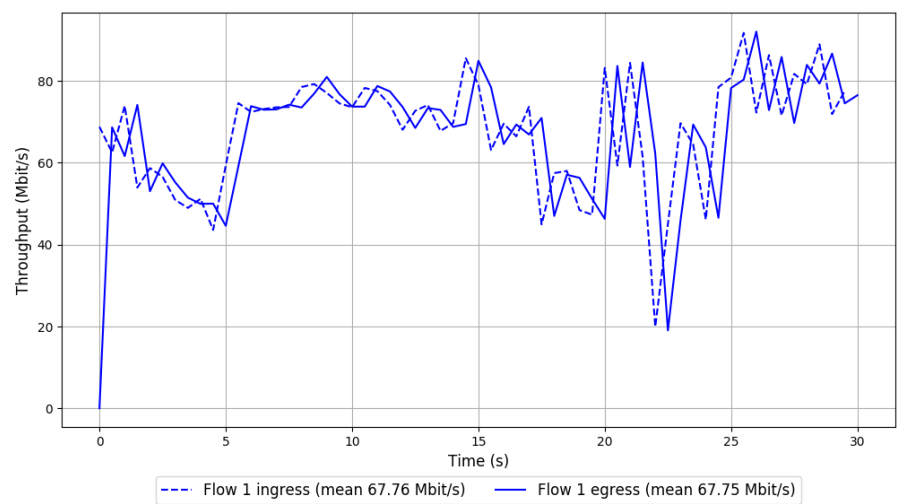


Run 3: Statistics of Verus

Start at: 2018-07-10 12:55:33
End at: 2018-07-10 12:56:03
Local clock offset: -0.716 ms
Remote clock offset: -2.259 ms

Below is generated by plot.py at 2018-07-10 15:50:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.75 Mbit/s
95th percentile per-packet one-way delay: 14.087 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 67.75 Mbit/s
95th percentile per-packet one-way delay: 14.087 ms
Loss rate: 0.03%

Run 3: Report of Verus — Data Link

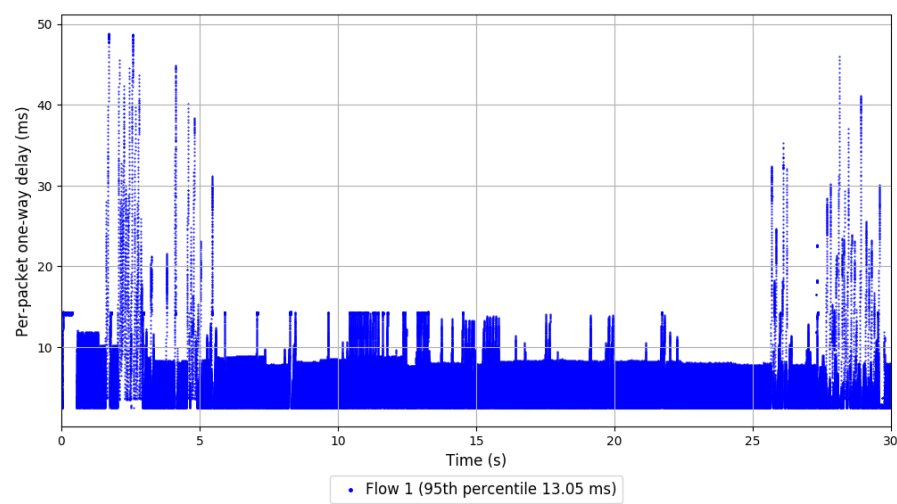
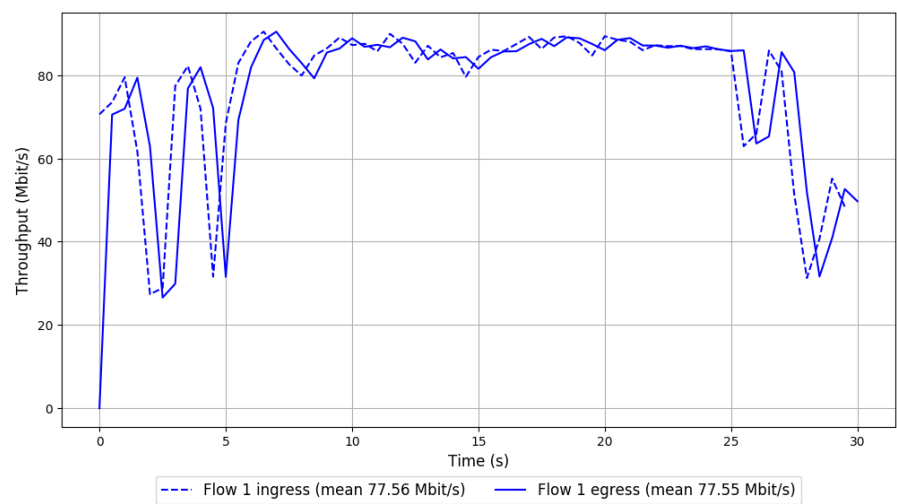


Run 4: Statistics of Verus

Start at: 2018-07-10 13:14:36
End at: 2018-07-10 13:15:06
Local clock offset: -0.597 ms
Remote clock offset: -2.416 ms

Below is generated by plot.py at 2018-07-10 15:50:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.55 Mbit/s
95th percentile per-packet one-way delay: 13.055 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 77.55 Mbit/s
95th percentile per-packet one-way delay: 13.055 ms
Loss rate: 0.03%

Run 4: Report of Verus — Data Link

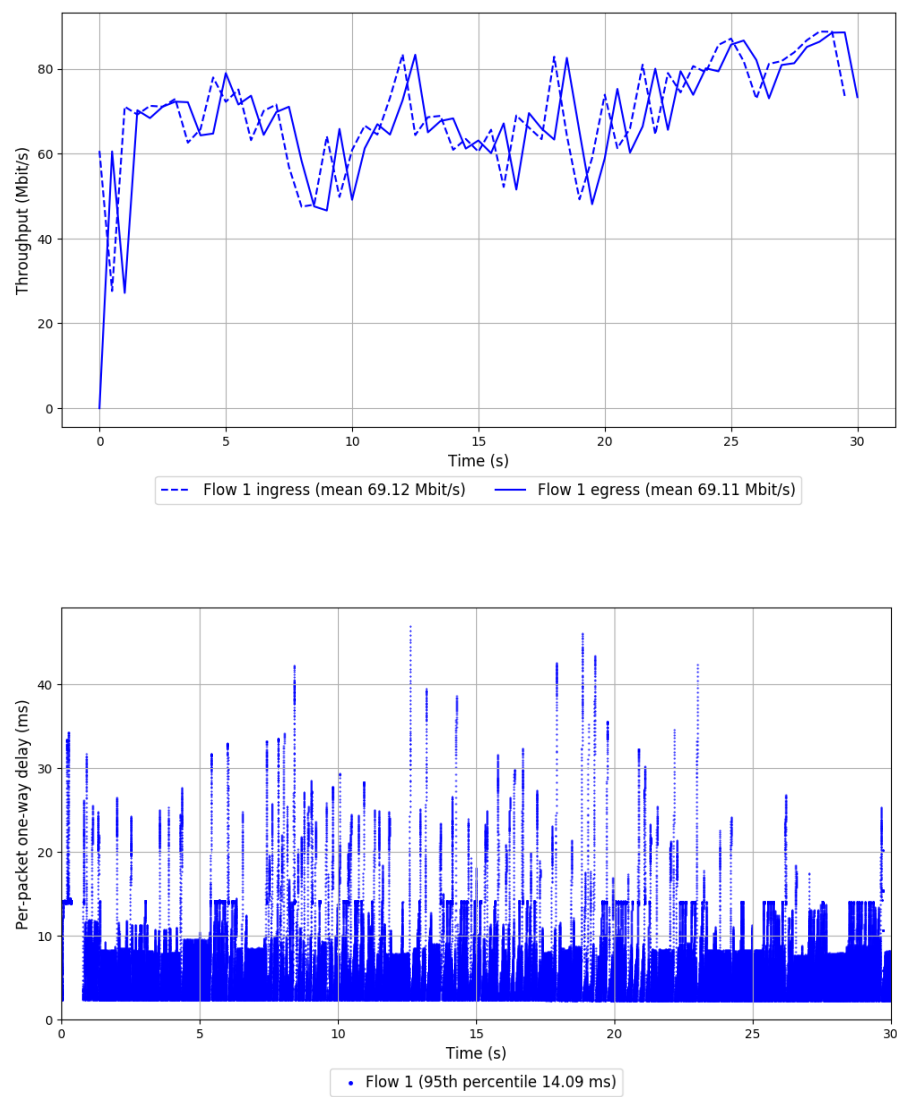


Run 5: Statistics of Verus

Start at: 2018-07-10 13:33:36
End at: 2018-07-10 13:34:06
Local clock offset: -0.475 ms
Remote clock offset: -6.151 ms

Below is generated by plot.py at 2018-07-10 15:50:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.11 Mbit/s
95th percentile per-packet one-way delay: 14.091 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 69.11 Mbit/s
95th percentile per-packet one-way delay: 14.091 ms
Loss rate: 0.03%

Run 5: Report of Verus — Data Link

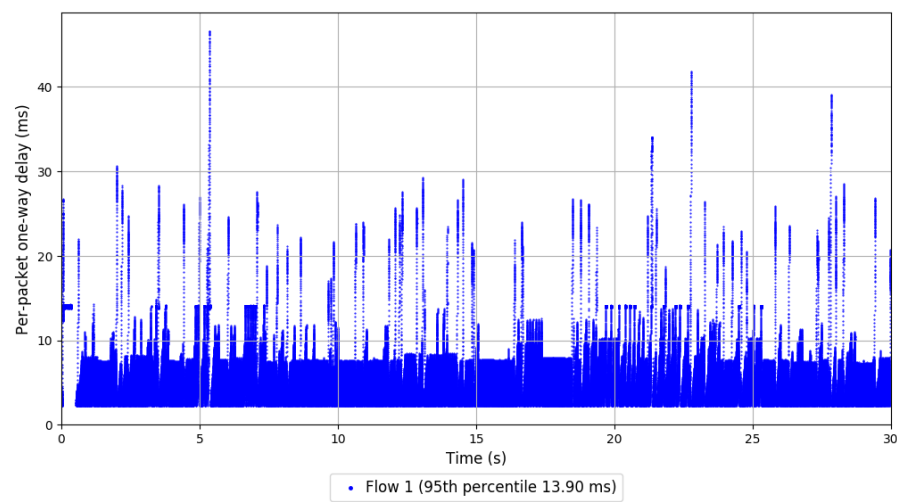
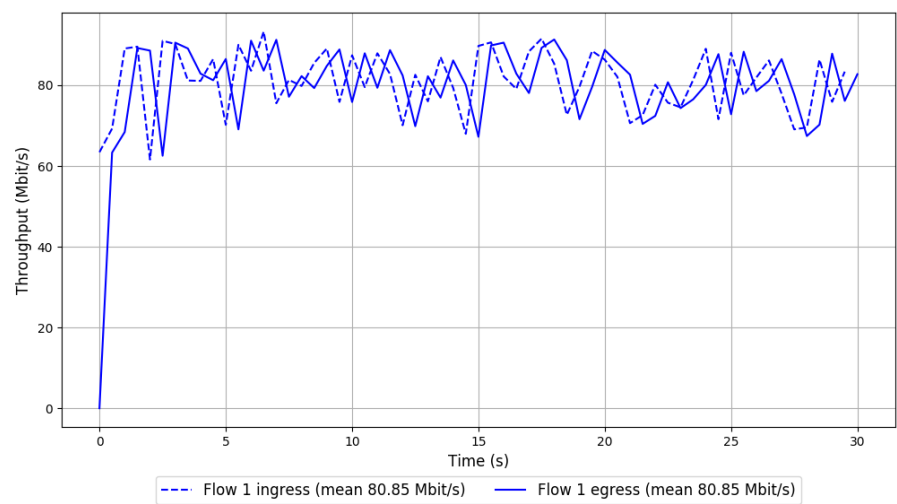


Run 6: Statistics of Verus

Start at: 2018-07-10 13:52:33
End at: 2018-07-10 13:53:03
Local clock offset: -0.404 ms
Remote clock offset: -9.123 ms

Below is generated by plot.py at 2018-07-10 15:50:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.85 Mbit/s
95th percentile per-packet one-way delay: 13.899 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 80.85 Mbit/s
95th percentile per-packet one-way delay: 13.899 ms
Loss rate: 0.02%

Run 6: Report of Verus — Data Link

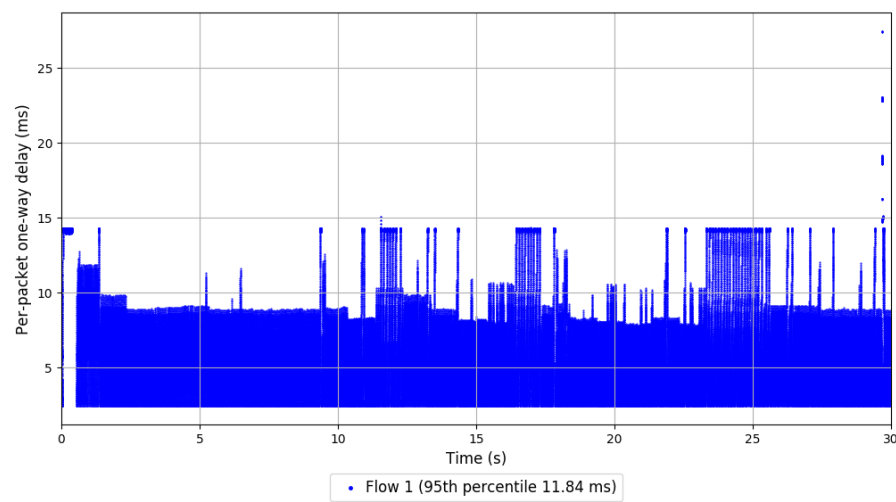
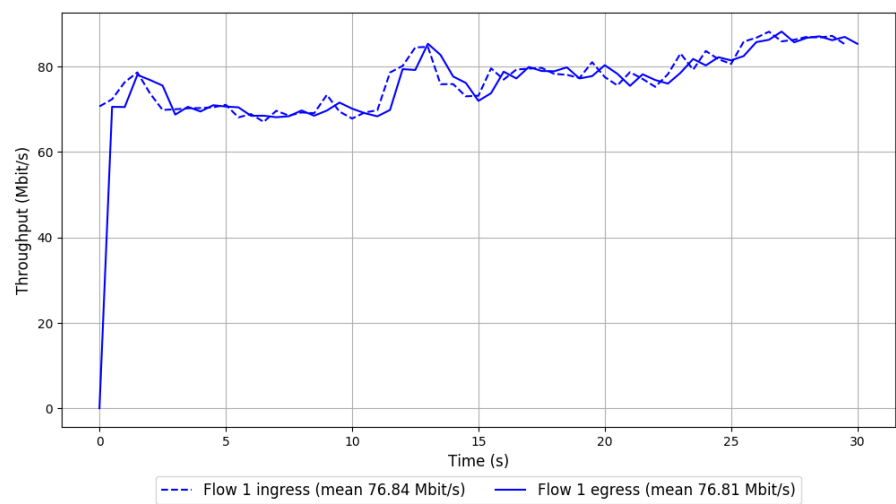


Run 7: Statistics of Verus

Start at: 2018-07-10 14:11:31
End at: 2018-07-10 14:12:01
Local clock offset: -0.283 ms
Remote clock offset: -8.106 ms

Below is generated by plot.py at 2018-07-10 15:51:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.81 Mbit/s
95th percentile per-packet one-way delay: 11.843 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 76.81 Mbit/s
95th percentile per-packet one-way delay: 11.843 ms
Loss rate: 0.03%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-07-10 14:30:31

End at: 2018-07-10 14:31:01

Local clock offset: -0.263 ms

Remote clock offset: -8.12 ms

Below is generated by plot.py at 2018-07-10 15:51:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.19 Mbit/s

95th percentile per-packet one-way delay: 9.344 ms

Loss rate: 0.03%

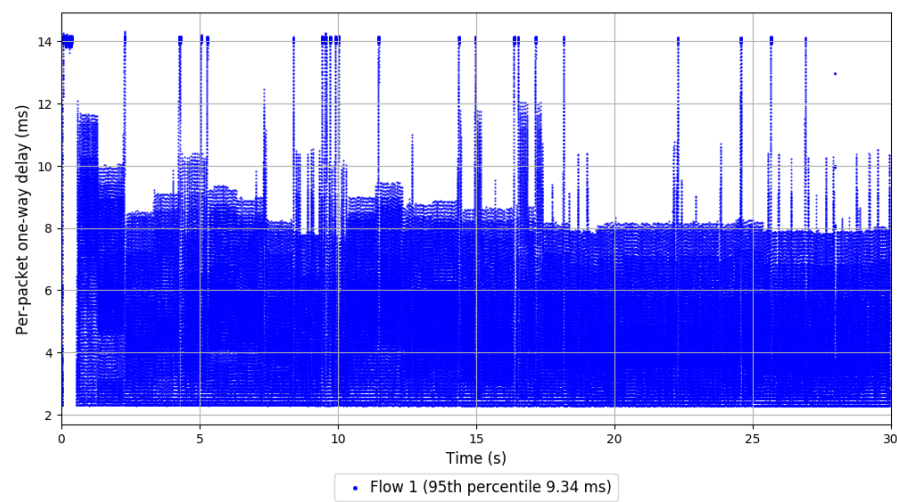
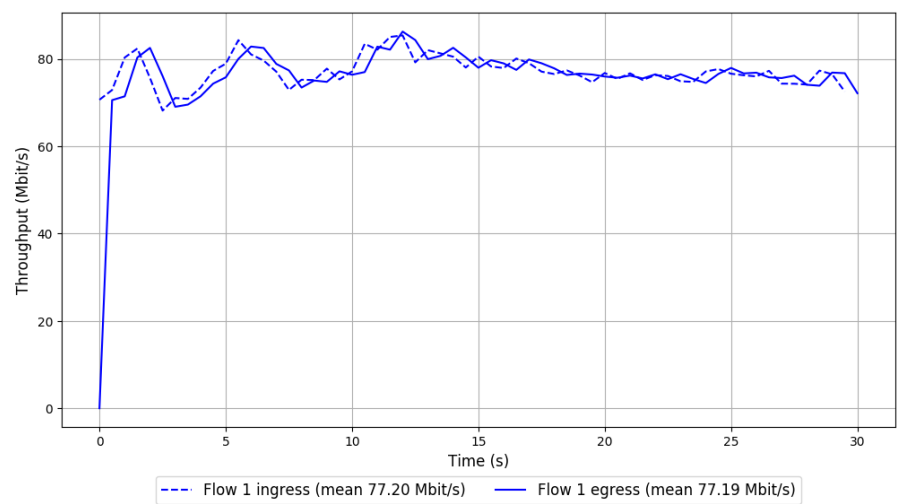
-- Flow 1:

Average throughput: 77.19 Mbit/s

95th percentile per-packet one-way delay: 9.344 ms

Loss rate: 0.03%

Run 8: Report of Verus — Data Link

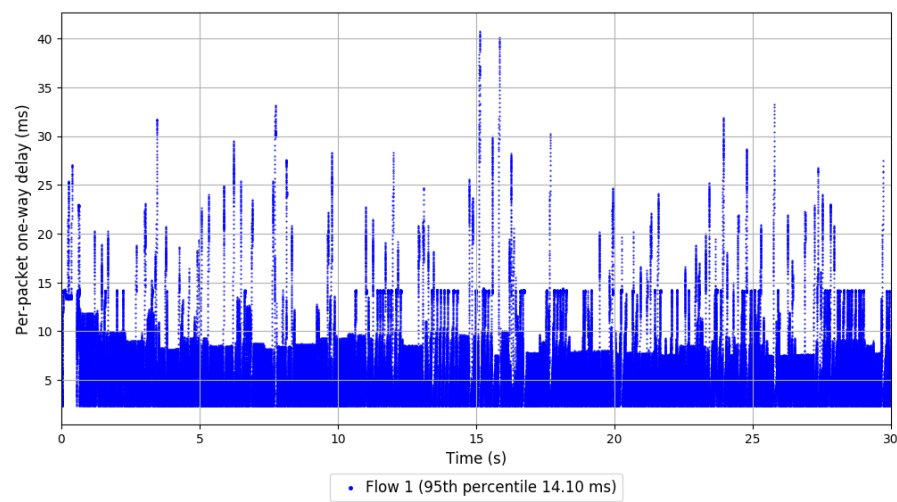
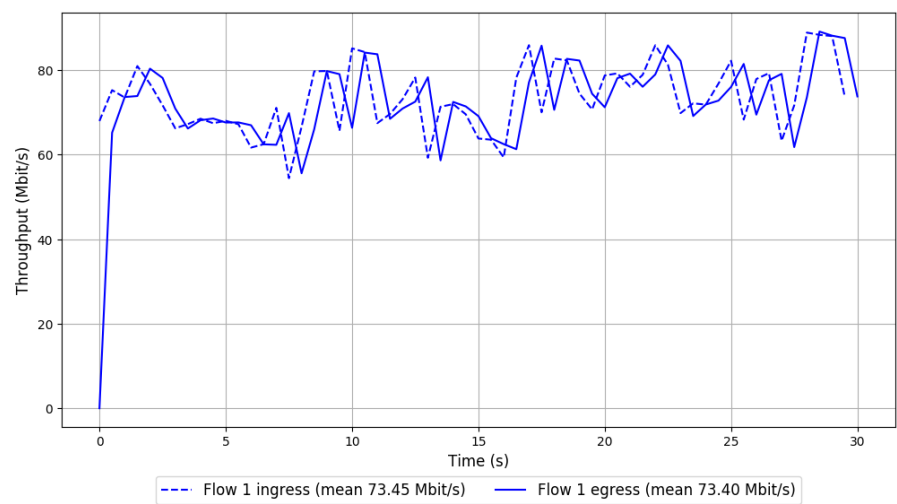


Run 9: Statistics of Verus

Start at: 2018-07-10 14:49:33
End at: 2018-07-10 14:50:03
Local clock offset: -0.297 ms
Remote clock offset: -6.975 ms

Below is generated by plot.py at 2018-07-10 15:51:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.40 Mbit/s
95th percentile per-packet one-way delay: 14.100 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 73.40 Mbit/s
95th percentile per-packet one-way delay: 14.100 ms
Loss rate: 0.08%

Run 9: Report of Verus — Data Link

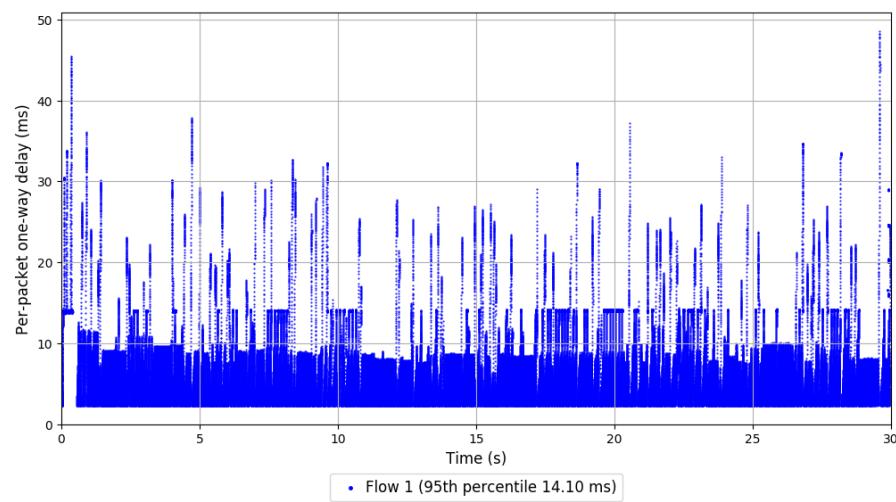
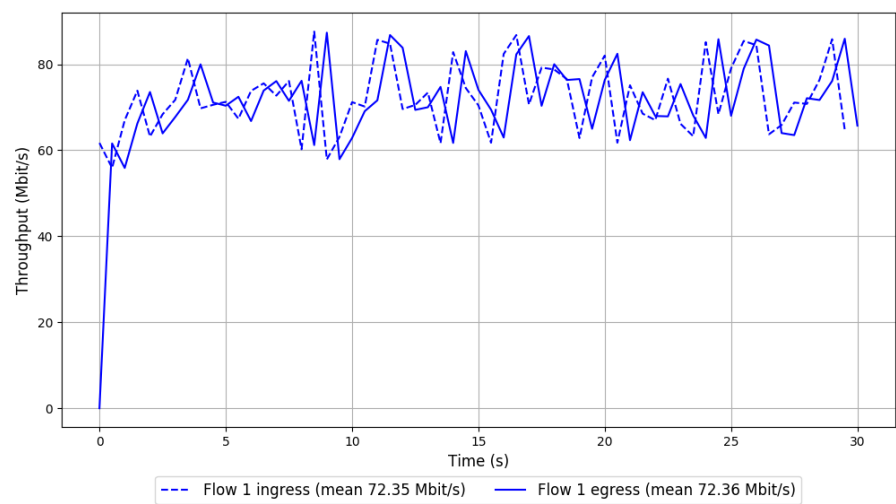


Run 10: Statistics of Verus

Start at: 2018-07-10 15:08:29
End at: 2018-07-10 15:08:59
Local clock offset: -0.519 ms
Remote clock offset: -6.792 ms

Below is generated by plot.py at 2018-07-10 15:51:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.36 Mbit/s
95th percentile per-packet one-way delay: 14.100 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.36 Mbit/s
95th percentile per-packet one-way delay: 14.100 ms
Loss rate: 0.00%

Run 10: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2018-07-10 12:20:51

End at: 2018-07-10 12:21:21

Local clock offset: -1.082 ms

Remote clock offset: -1.81 ms

Below is generated by plot.py at 2018-07-10 15:51:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.88 Mbit/s

95th percentile per-packet one-way delay: 13.498 ms

Loss rate: 0.02%

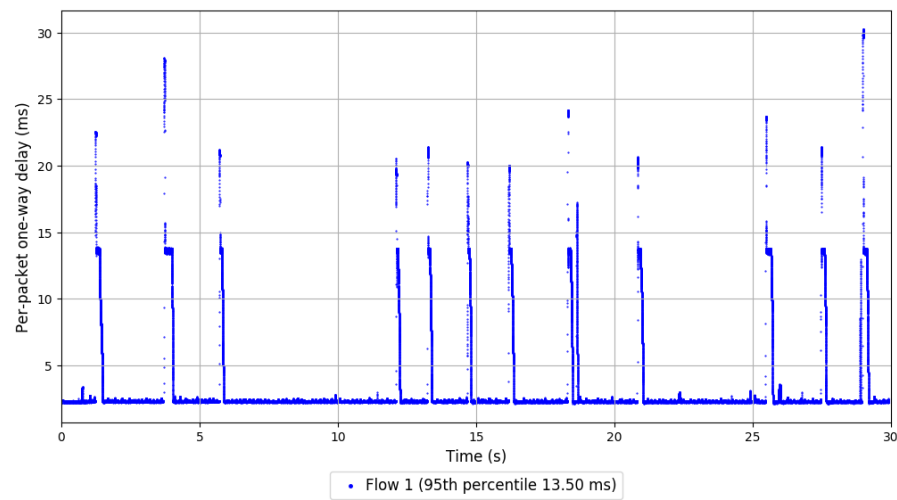
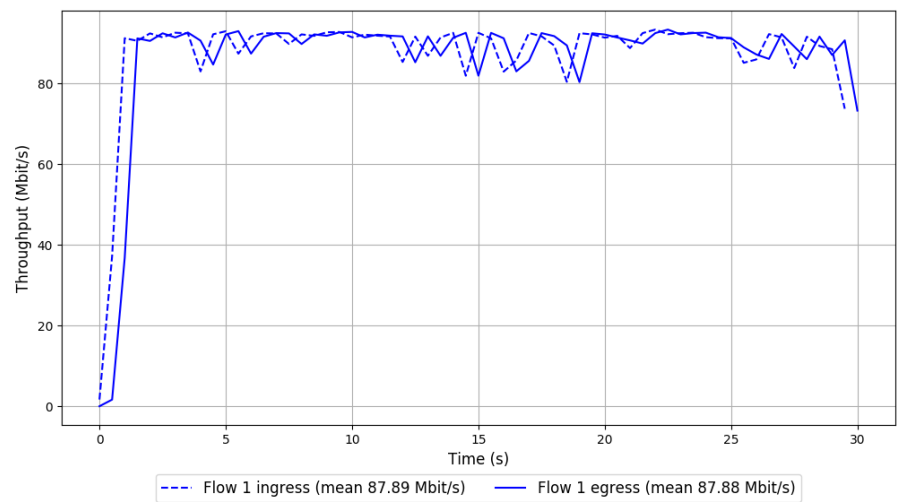
-- Flow 1:

Average throughput: 87.88 Mbit/s

95th percentile per-packet one-way delay: 13.498 ms

Loss rate: 0.02%

Run 1: Report of PCC-Vivace — Data Link

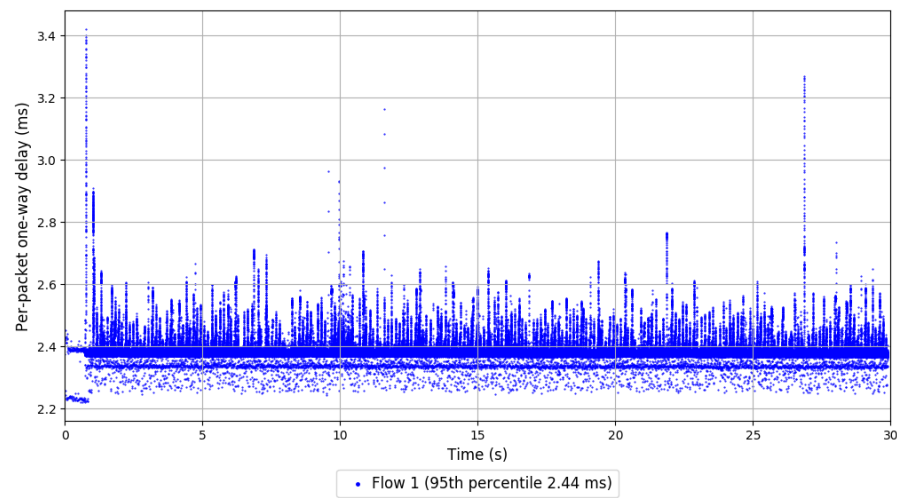
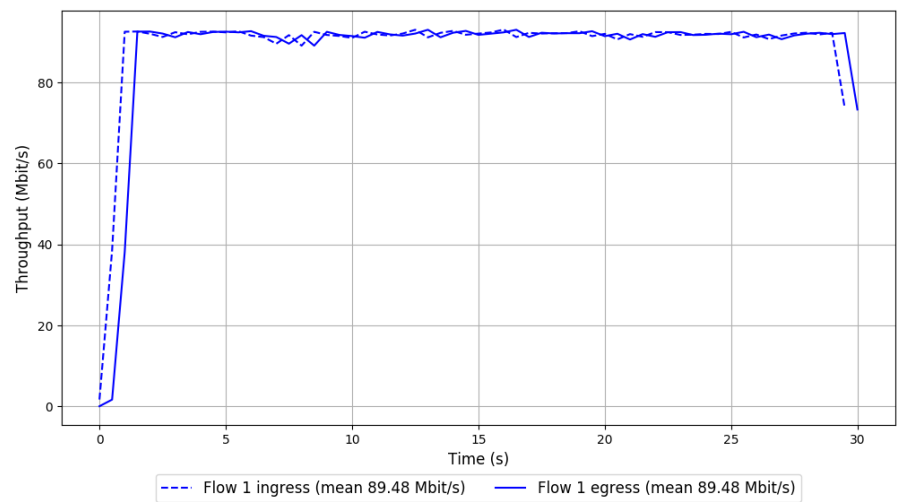


Run 2: Statistics of PCC-Vivace

Start at: 2018-07-10 12:39:53
End at: 2018-07-10 12:40:23
Local clock offset: -0.953 ms
Remote clock offset: -2.375 ms

Below is generated by plot.py at 2018-07-10 15:51:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.48 Mbit/s
95th percentile per-packet one-way delay: 2.435 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 89.48 Mbit/s
95th percentile per-packet one-way delay: 2.435 ms
Loss rate: 0.02%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2018-07-10 12:58:54

End at: 2018-07-10 12:59:25

Local clock offset: -0.679 ms

Remote clock offset: -2.3 ms

Below is generated by plot.py at 2018-07-10 15:52:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.60 Mbit/s

95th percentile per-packet one-way delay: 2.408 ms

Loss rate: 0.01%

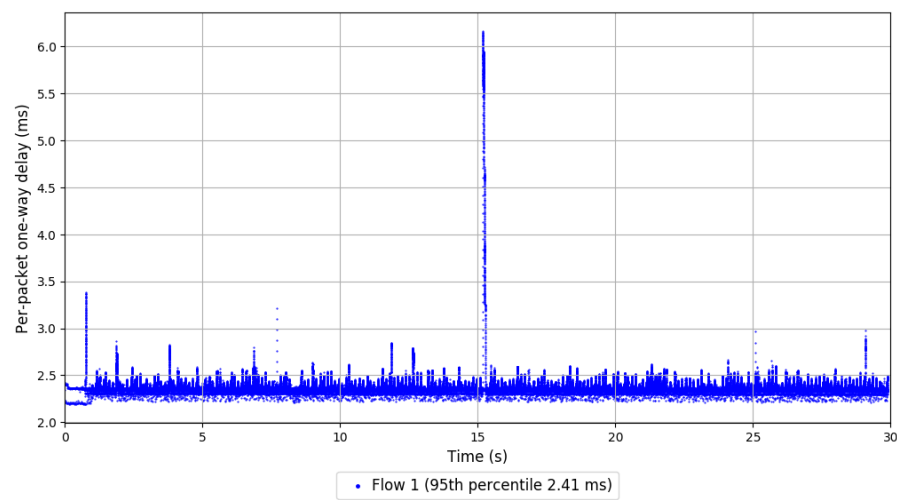
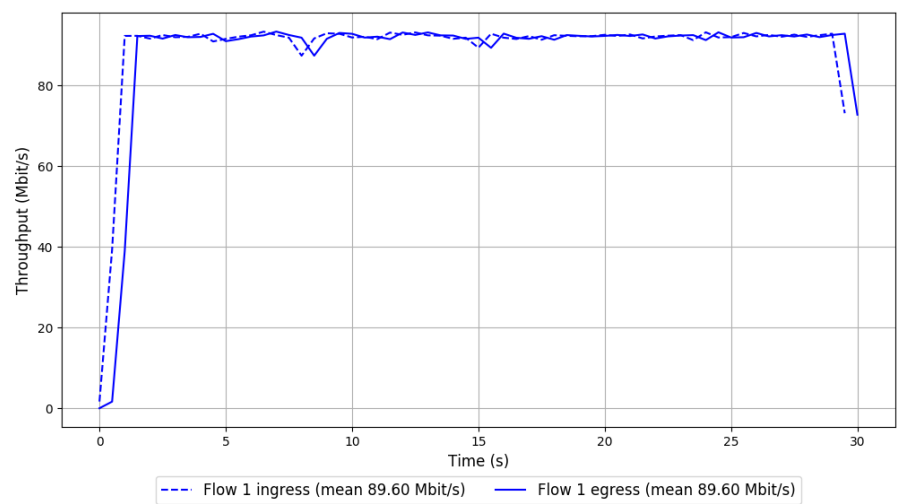
-- Flow 1:

Average throughput: 89.60 Mbit/s

95th percentile per-packet one-way delay: 2.408 ms

Loss rate: 0.01%

Run 3: Report of PCC-Vivace — Data Link

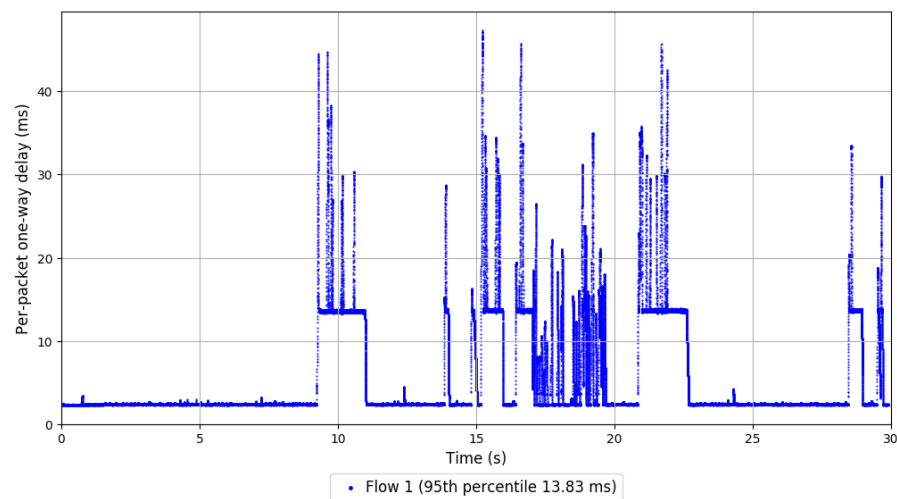
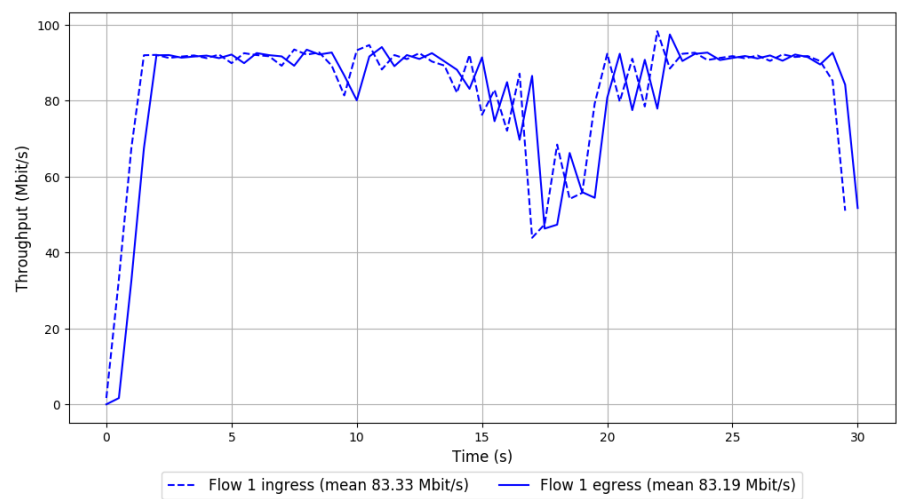


Run 4: Statistics of PCC-Vivace

Start at: 2018-07-10 13:17:57
End at: 2018-07-10 13:18:27
Local clock offset: -0.569 ms
Remote clock offset: -2.319 ms

Below is generated by plot.py at 2018-07-10 15:52:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.19 Mbit/s
95th percentile per-packet one-way delay: 13.829 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 83.19 Mbit/s
95th percentile per-packet one-way delay: 13.829 ms
Loss rate: 0.18%

Run 4: Report of PCC-Vivace — Data Link

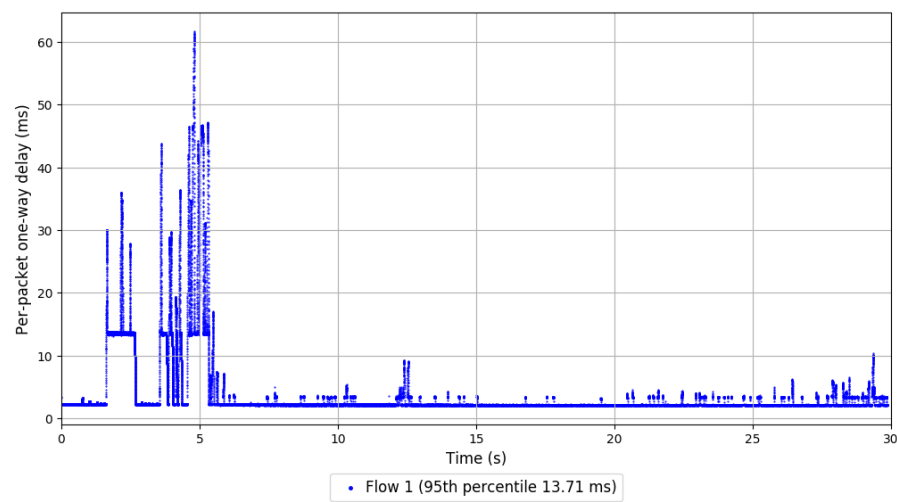
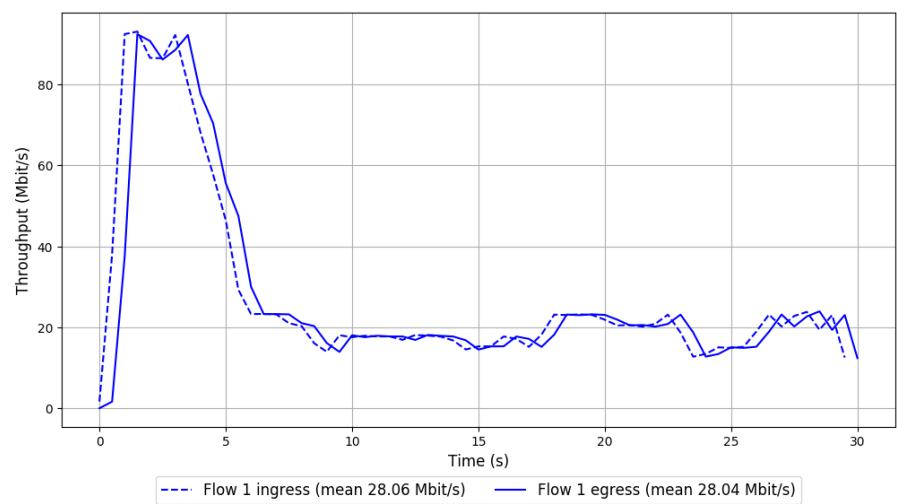


Run 5: Statistics of PCC-Vivace

Start at: 2018-07-10 13:36:57
End at: 2018-07-10 13:37:27
Local clock offset: -0.453 ms
Remote clock offset: -6.919 ms

Below is generated by plot.py at 2018-07-10 15:52:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 28.04 Mbit/s
95th percentile per-packet one-way delay: 13.711 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 28.04 Mbit/s
95th percentile per-packet one-way delay: 13.711 ms
Loss rate: 0.10%

Run 5: Report of PCC-Vivace — Data Link



Run 6: Statistics of PCC-Vivace

Start at: 2018-07-10 13:55:54

End at: 2018-07-10 13:56:25

Local clock offset: -0.381 ms

Remote clock offset: -9.42 ms

Below is generated by plot.py at 2018-07-10 15:52:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 55.12 Mbit/s

95th percentile per-packet one-way delay: 13.753 ms

Loss rate: 0.16%

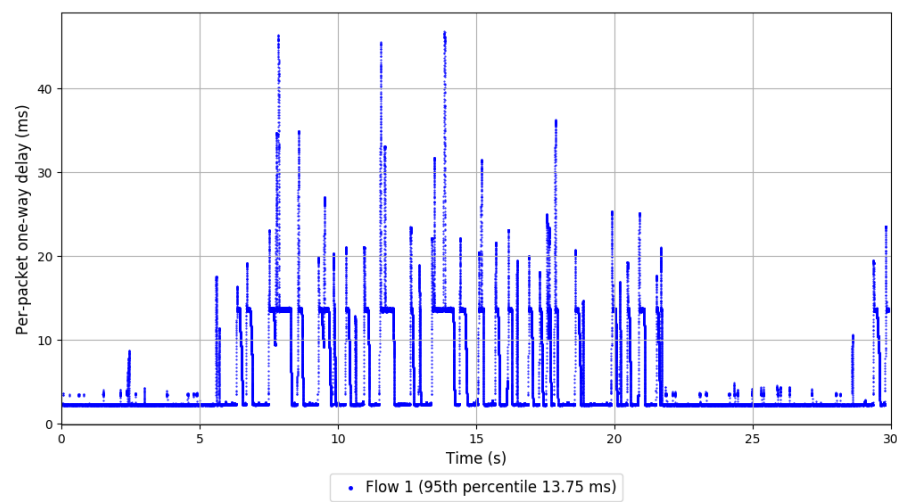
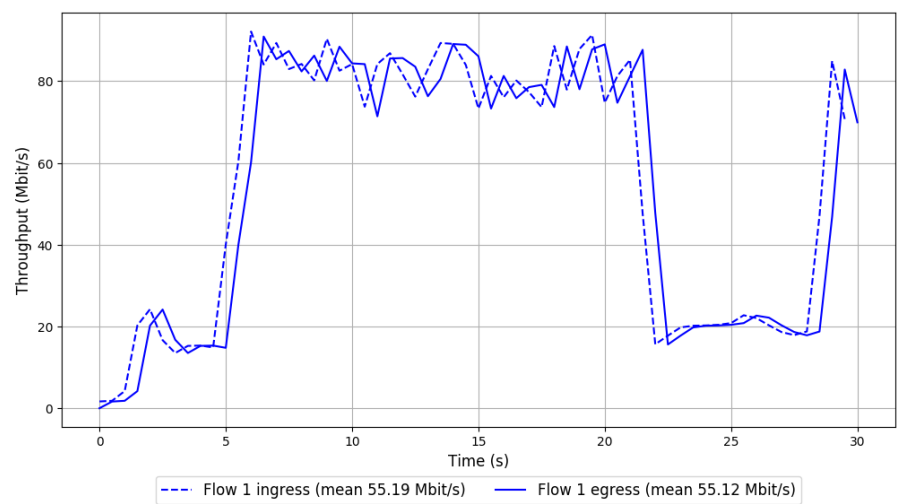
-- Flow 1:

Average throughput: 55.12 Mbit/s

95th percentile per-packet one-way delay: 13.753 ms

Loss rate: 0.16%

Run 6: Report of PCC-Vivace — Data Link

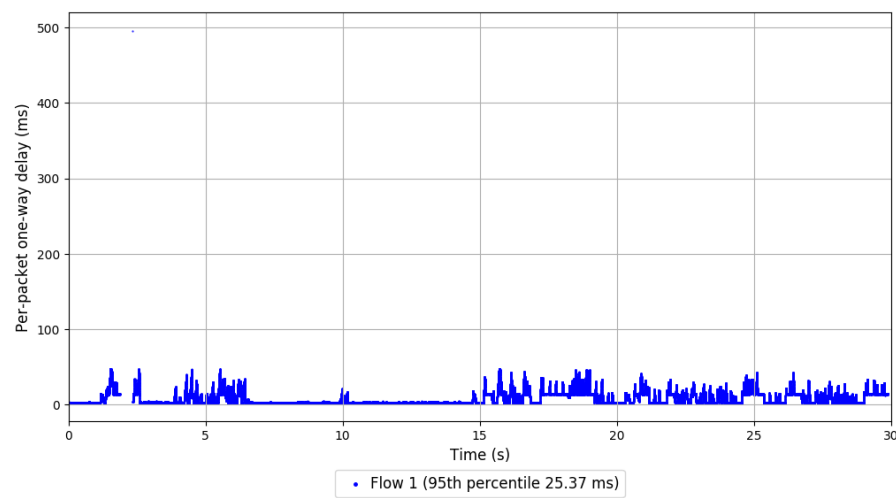
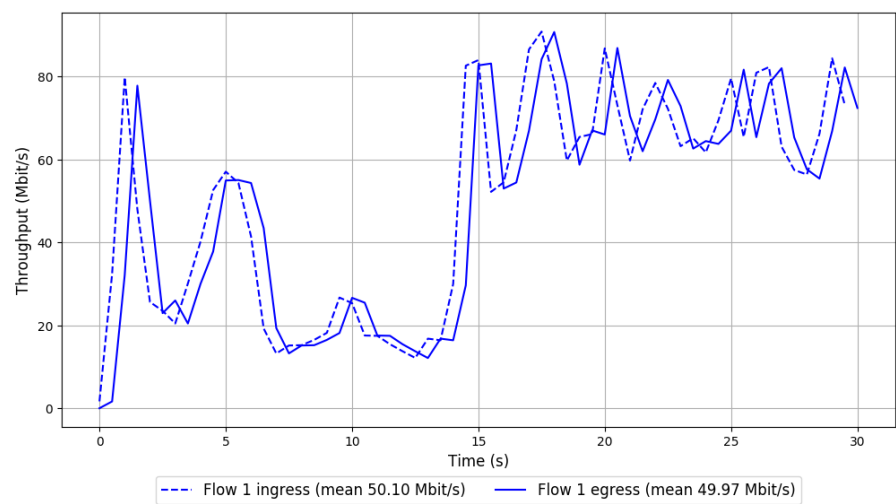


Run 7: Statistics of PCC-Vivace

Start at: 2018-07-10 14:14:53
End at: 2018-07-10 14:15:23
Local clock offset: -0.341 ms
Remote clock offset: -7.955 ms

Below is generated by plot.py at 2018-07-10 15:52:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 49.97 Mbit/s
95th percentile per-packet one-way delay: 25.368 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 49.97 Mbit/s
95th percentile per-packet one-way delay: 25.368 ms
Loss rate: 0.28%

Run 7: Report of PCC-Vivace — Data Link

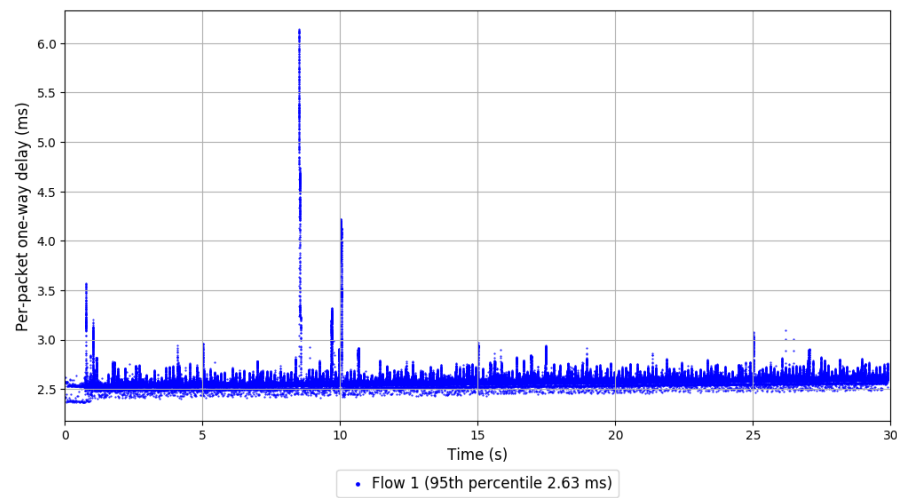
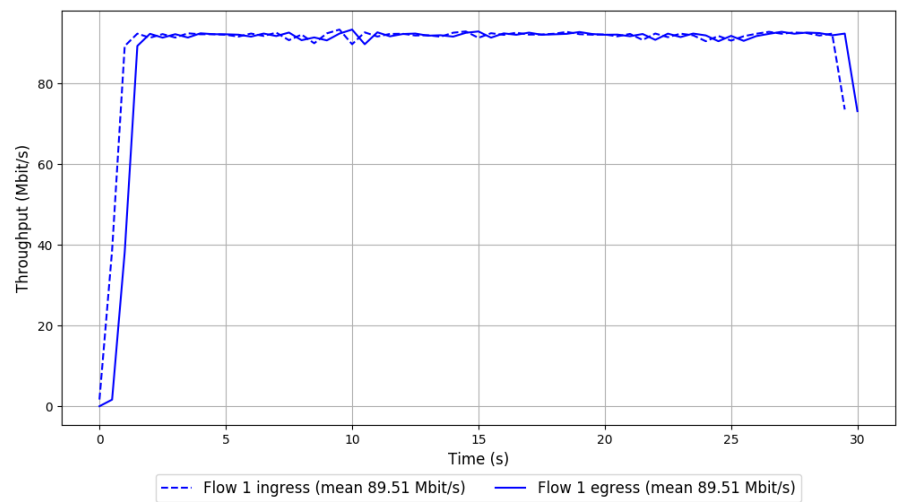


Run 8: Statistics of PCC-Vivace

Start at: 2018-07-10 14:33:52
End at: 2018-07-10 14:34:22
Local clock offset: -0.202 ms
Remote clock offset: -8.231 ms

Below is generated by plot.py at 2018-07-10 15:52:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.51 Mbit/s
95th percentile per-packet one-way delay: 2.635 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 89.51 Mbit/s
95th percentile per-packet one-way delay: 2.635 ms
Loss rate: 0.02%

Run 8: Report of PCC-Vivace — Data Link

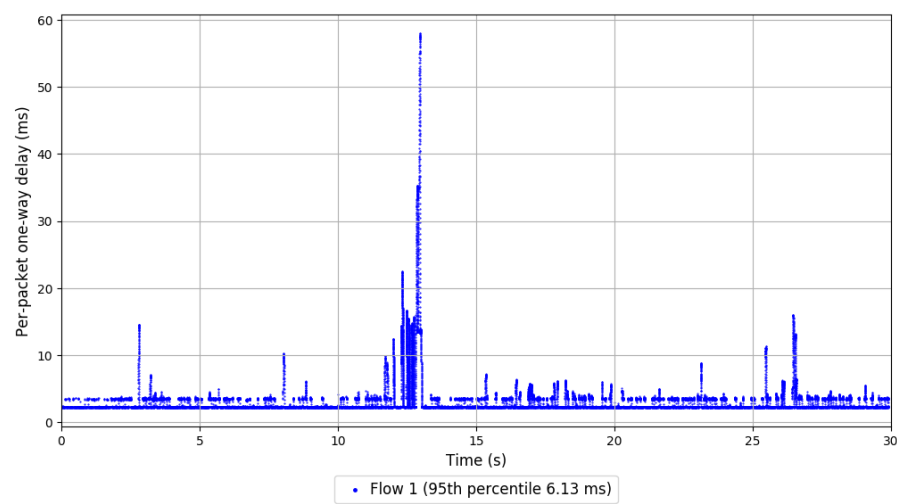
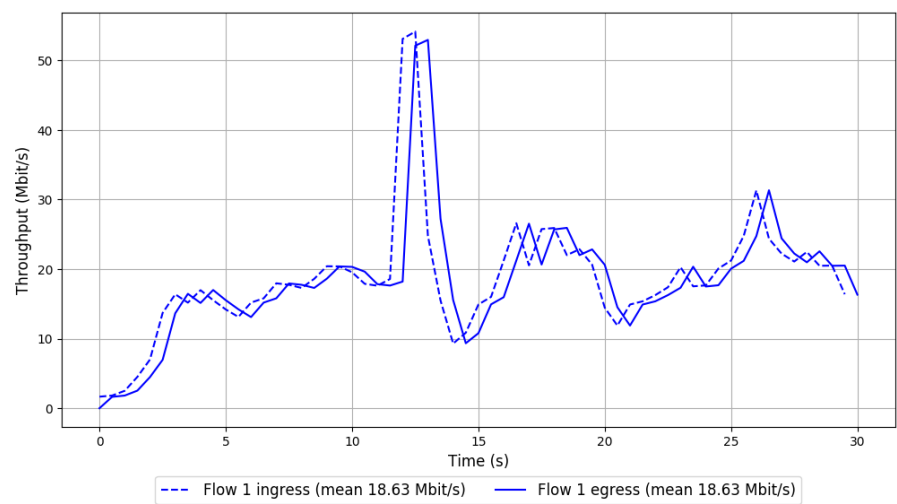


Run 9: Statistics of PCC-Vivace

Start at: 2018-07-10 14:52:55
End at: 2018-07-10 14:53:25
Local clock offset: -0.368 ms
Remote clock offset: -6.934 ms

Below is generated by plot.py at 2018-07-10 15:52:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.63 Mbit/s
95th percentile per-packet one-way delay: 6.126 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 18.63 Mbit/s
95th percentile per-packet one-way delay: 6.126 ms
Loss rate: 0.02%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-07-10 15:11:50

End at: 2018-07-10 15:12:20

Local clock offset: -0.492 ms

Remote clock offset: -6.5 ms

Below is generated by plot.py at 2018-07-10 15:52:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.55 Mbit/s

95th percentile per-packet one-way delay: 14.382 ms

Loss rate: 0.26%

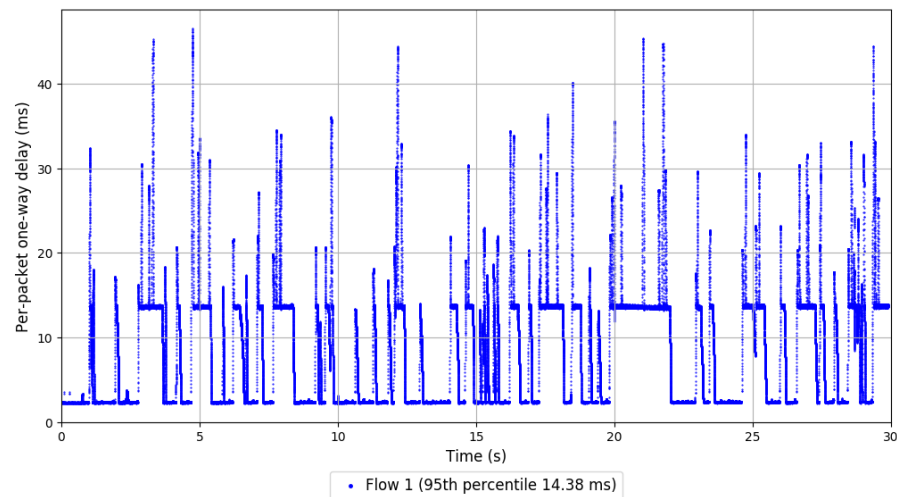
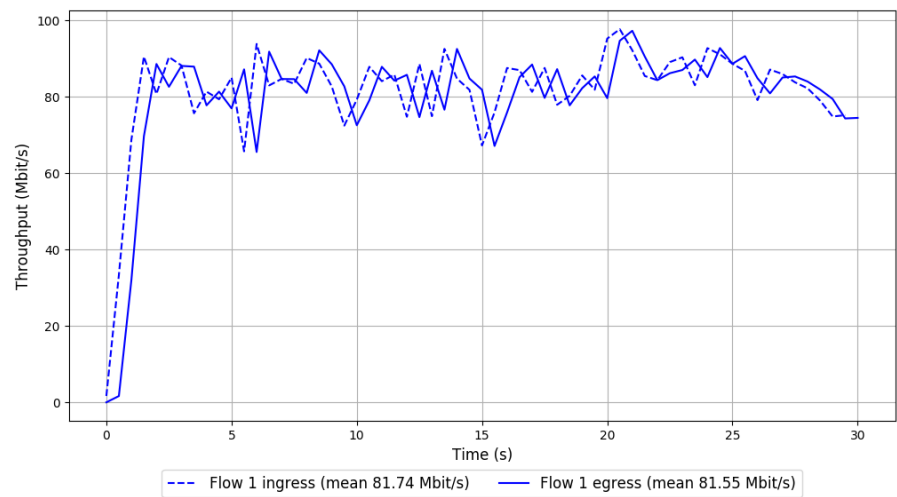
-- Flow 1:

Average throughput: 81.55 Mbit/s

95th percentile per-packet one-way delay: 14.382 ms

Loss rate: 0.26%

Run 10: Report of PCC-Vivace — Data Link

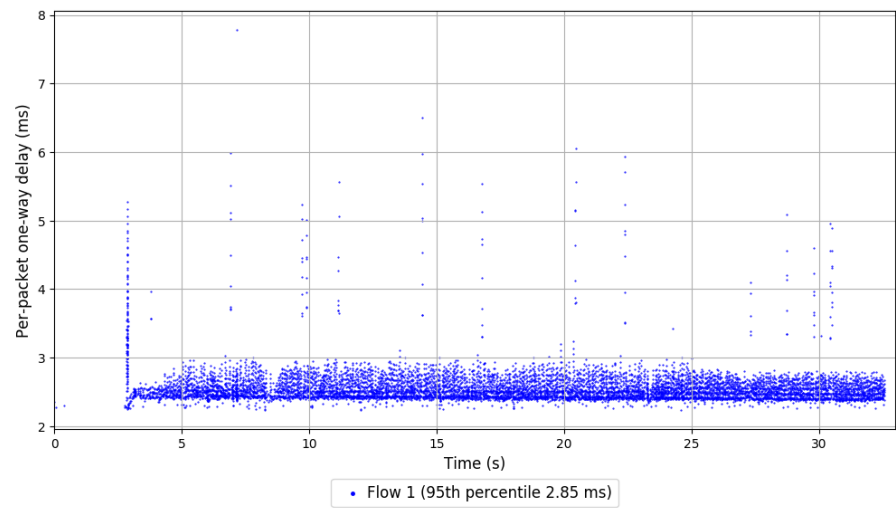
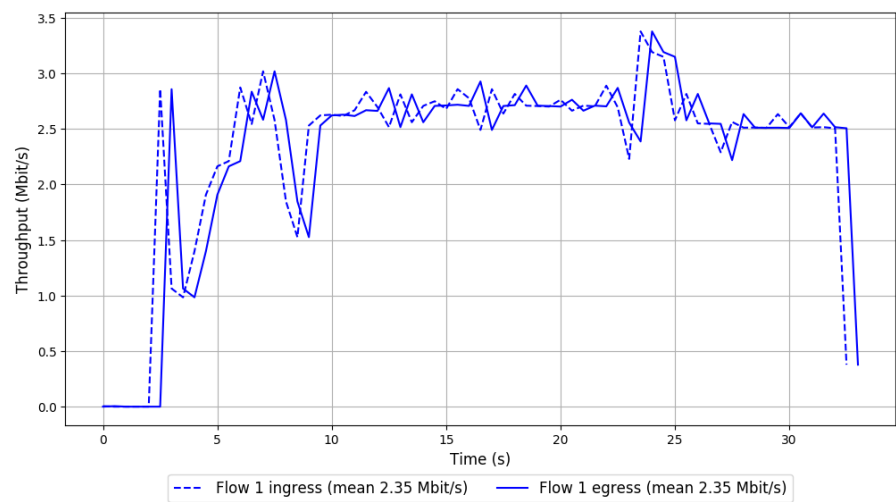


Run 1: Statistics of WebRTC media

Start at: 2018-07-10 12:23:06
End at: 2018-07-10 12:23:36
Local clock offset: -1.041 ms
Remote clock offset: -2.042 ms

Below is generated by plot.py at 2018-07-10 15:52:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 2.846 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 2.846 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

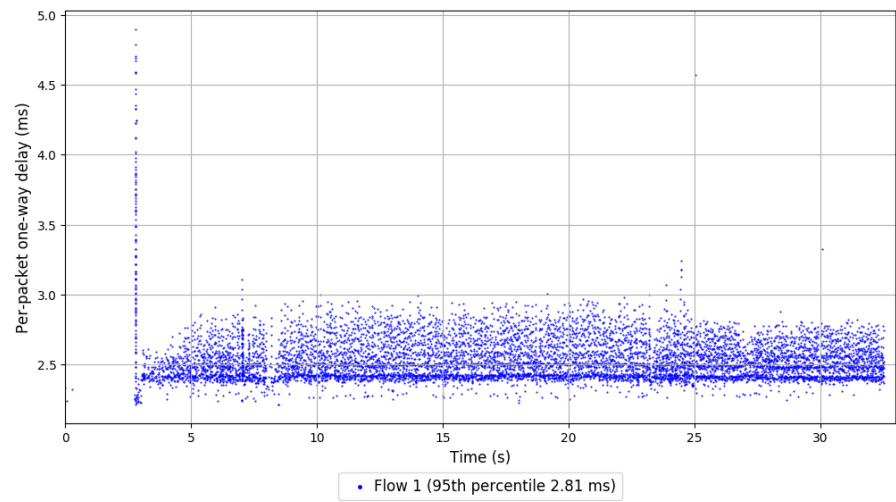
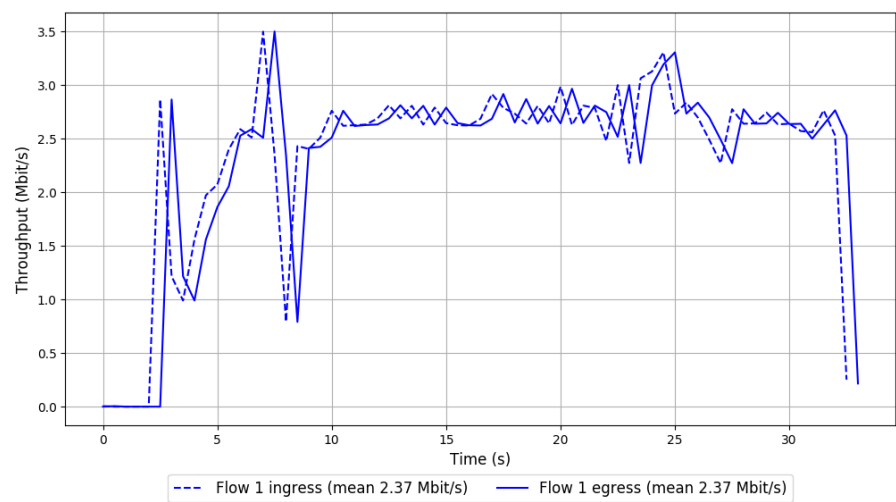


Run 2: Statistics of WebRTC media

Start at: 2018-07-10 12:42:08
End at: 2018-07-10 12:42:38
Local clock offset: -0.854 ms
Remote clock offset: -2.276 ms

Below is generated by plot.py at 2018-07-10 15:52:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 2.807 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 2.807 ms
Loss rate: 0.02%

Run 2: Report of WebRTC media — Data Link

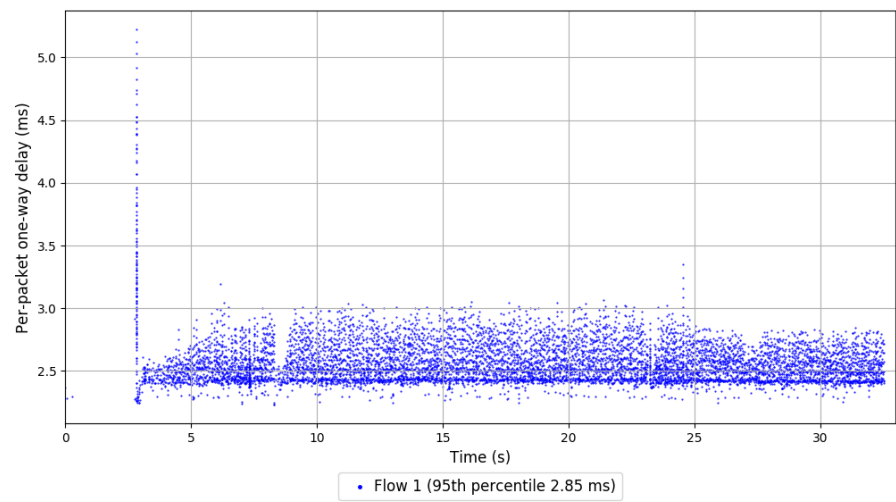
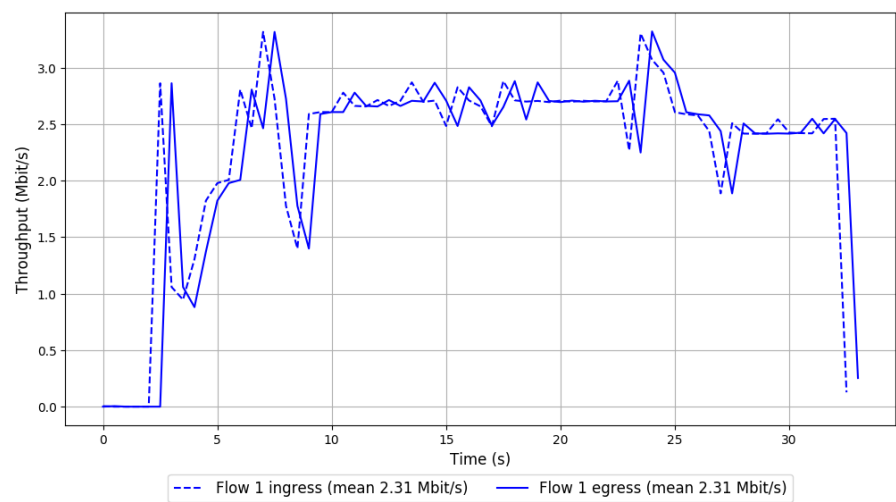


Run 3: Statistics of WebRTC media

Start at: 2018-07-10 13:01:10
End at: 2018-07-10 13:01:40
Local clock offset: -0.69 ms
Remote clock offset: -2.378 ms

Below is generated by plot.py at 2018-07-10 15:52:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 2.851 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 2.851 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

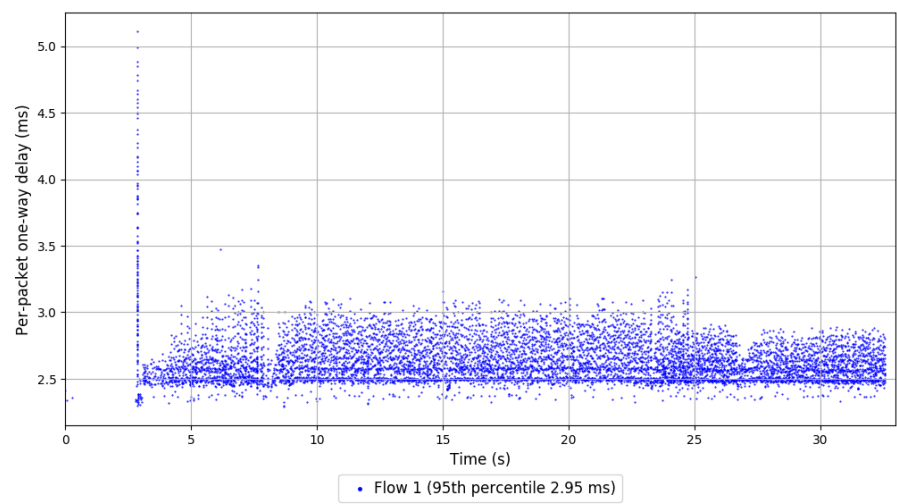
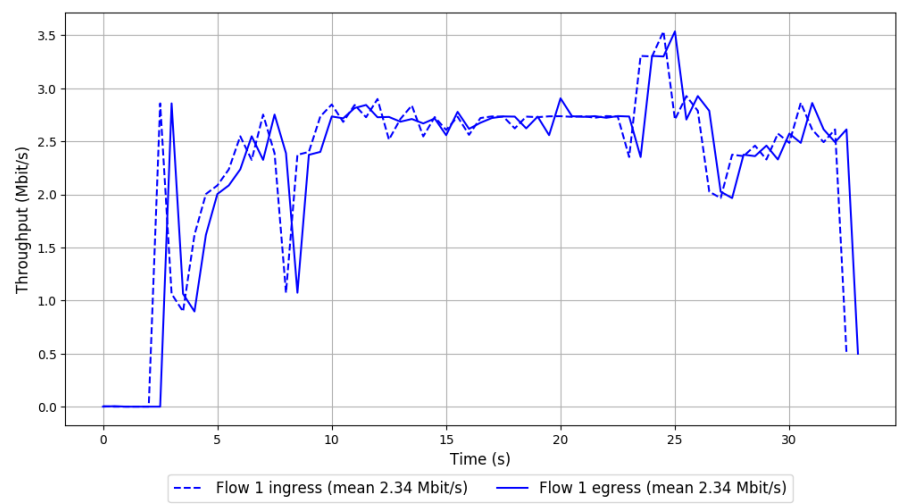


Run 4: Statistics of WebRTC media

Start at: 2018-07-10 13:20:12
End at: 2018-07-10 13:20:42
Local clock offset: -0.558 ms
Remote clock offset: -2.343 ms

Below is generated by plot.py at 2018-07-10 15:52:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 2.946 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 2.946 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

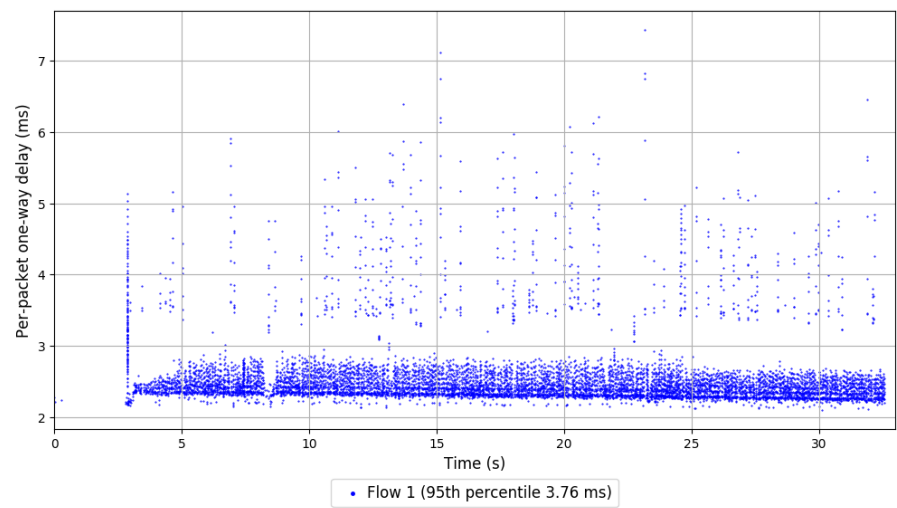
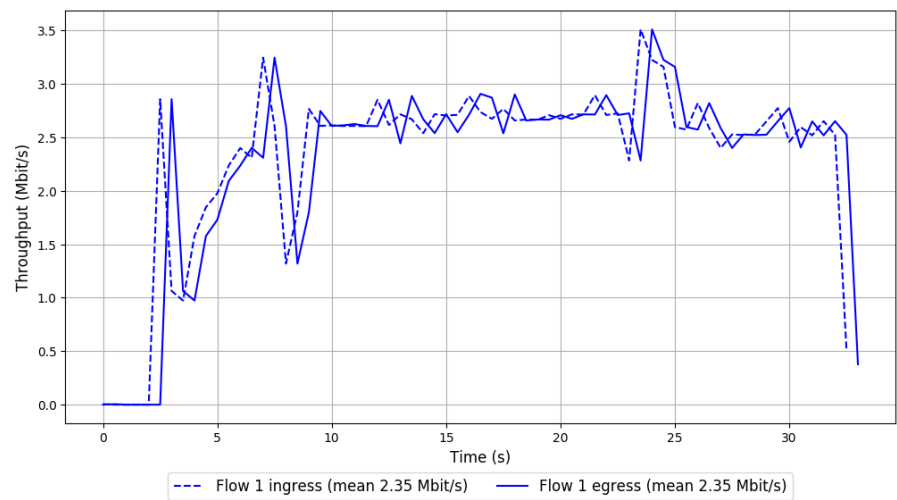


Run 5: Statistics of WebRTC media

Start at: 2018-07-10 13:39:09
End at: 2018-07-10 13:39:39
Local clock offset: -0.424 ms
Remote clock offset: -7.411 ms

Below is generated by plot.py at 2018-07-10 15:52:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 3.764 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 3.764 ms
Loss rate: 0.08%

Run 5: Report of WebRTC media — Data Link

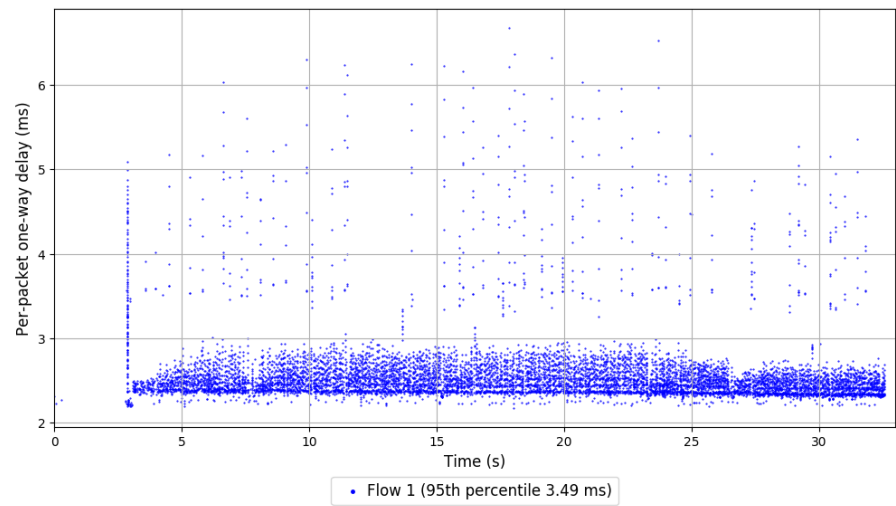
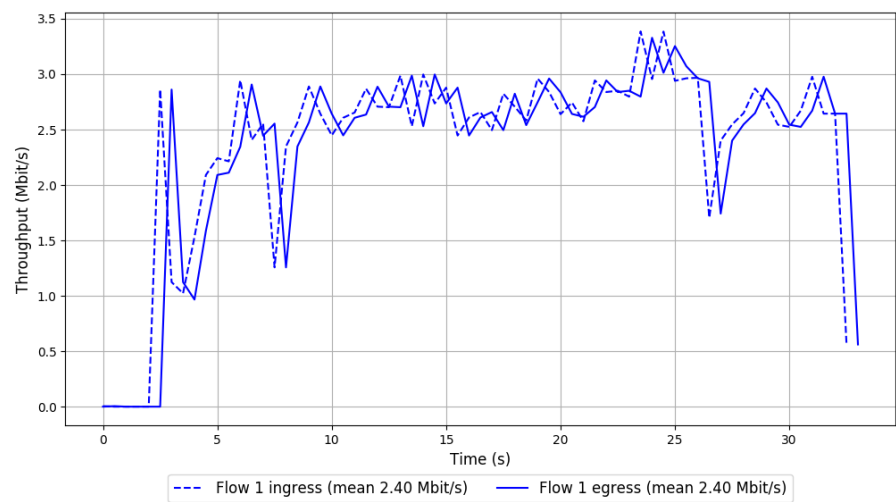


Run 6: Statistics of WebRTC media

Start at: 2018-07-10 13:58:08
End at: 2018-07-10 13:58:38
Local clock offset: -0.402 ms
Remote clock offset: -9.687 ms

Below is generated by plot.py at 2018-07-10 15:52:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 3.493 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 3.493 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

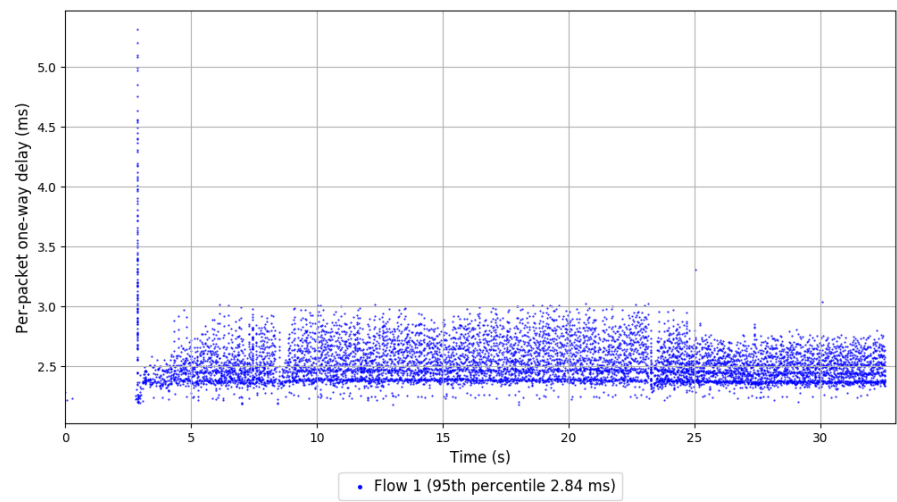
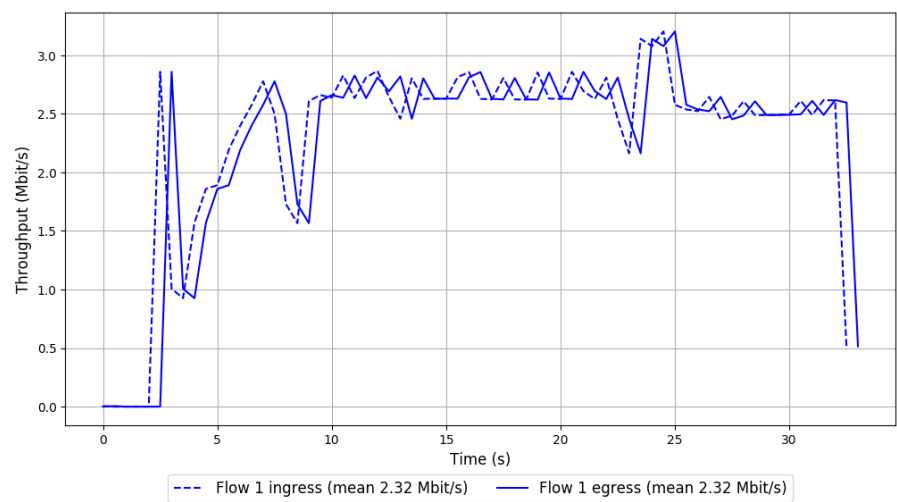


Run 7: Statistics of WebRTC media

Start at: 2018-07-10 14:17:06
End at: 2018-07-10 14:17:36
Local clock offset: -0.28 ms
Remote clock offset: -7.928 ms

Below is generated by plot.py at 2018-07-10 15:52:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 2.839 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 2.839 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

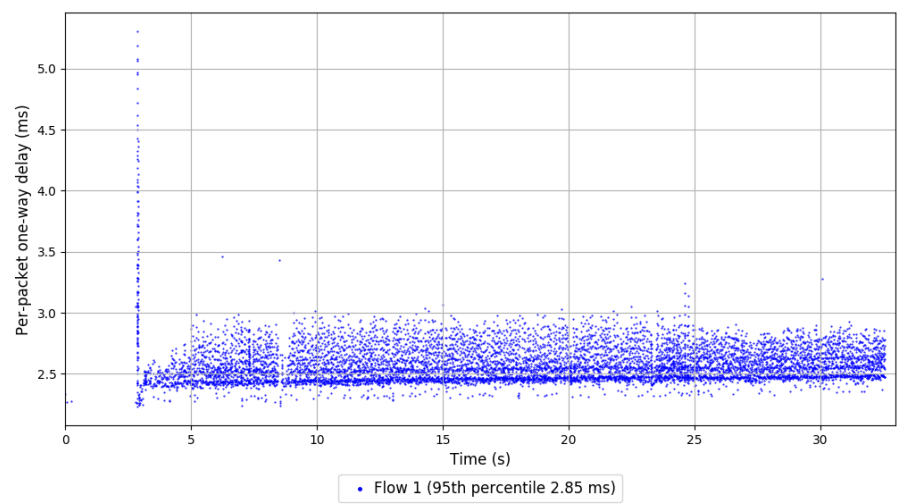
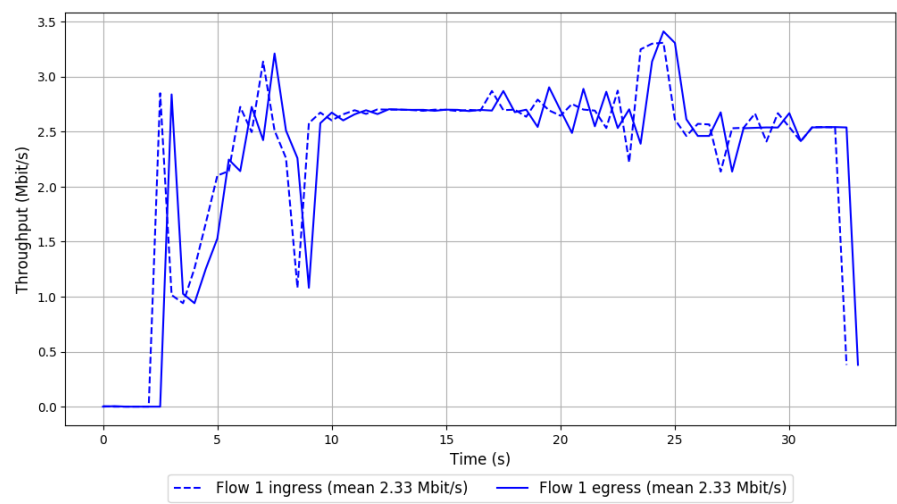


Run 8: Statistics of WebRTC media

Start at: 2018-07-10 14:36:08
End at: 2018-07-10 14:36:38
Local clock offset: -0.219 ms
Remote clock offset: -7.774 ms

Below is generated by plot.py at 2018-07-10 15:52:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 2.851 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 2.851 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

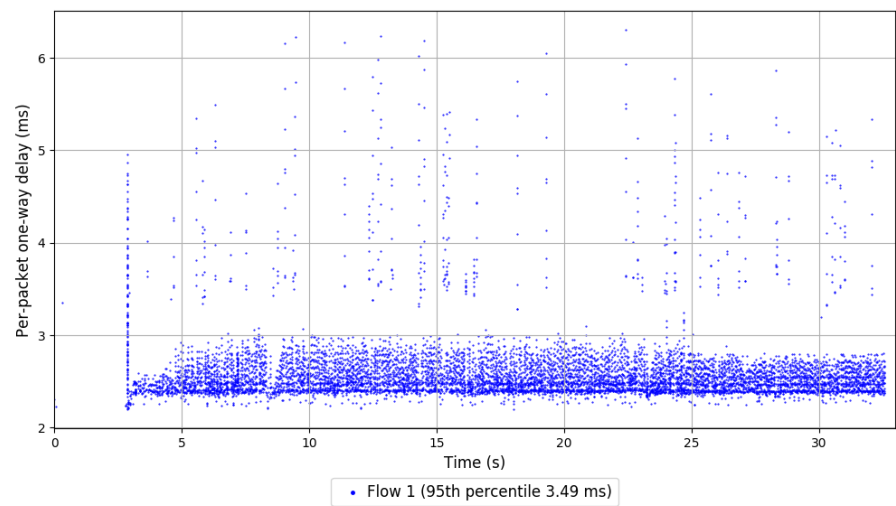
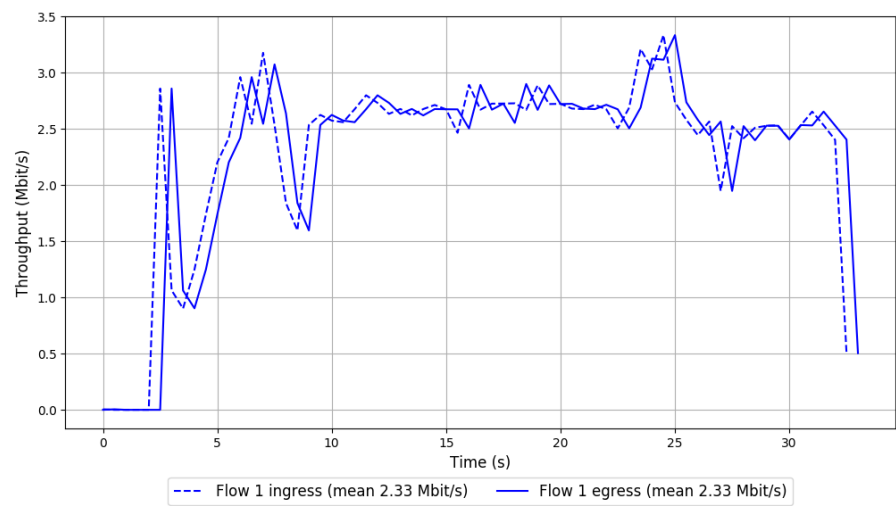


Run 9: Statistics of WebRTC media

Start at: 2018-07-10 14:55:06
End at: 2018-07-10 14:55:36
Local clock offset: -0.317 ms
Remote clock offset: -6.926 ms

Below is generated by plot.py at 2018-07-10 15:52:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 3.492 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 3.492 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-10 15:14:05
End at: 2018-07-10 15:14:35
Local clock offset: -0.504 ms
Remote clock offset: -6.342 ms

Below is generated by plot.py at 2018-07-10 15:52:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 3.634 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 3.634 ms
Loss rate: 0.08%

Run 10: Report of WebRTC media — Data Link

