

Pantheon Report

Generated at 2018-08-01 19:58:33 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

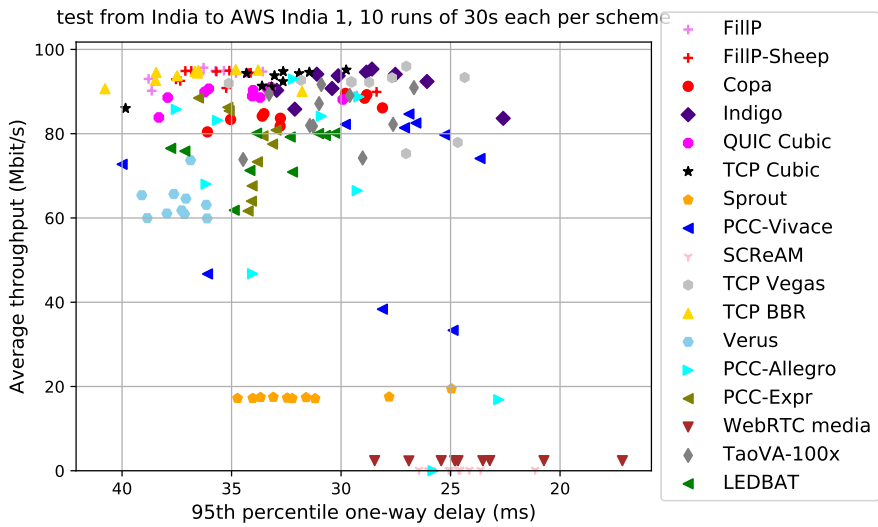
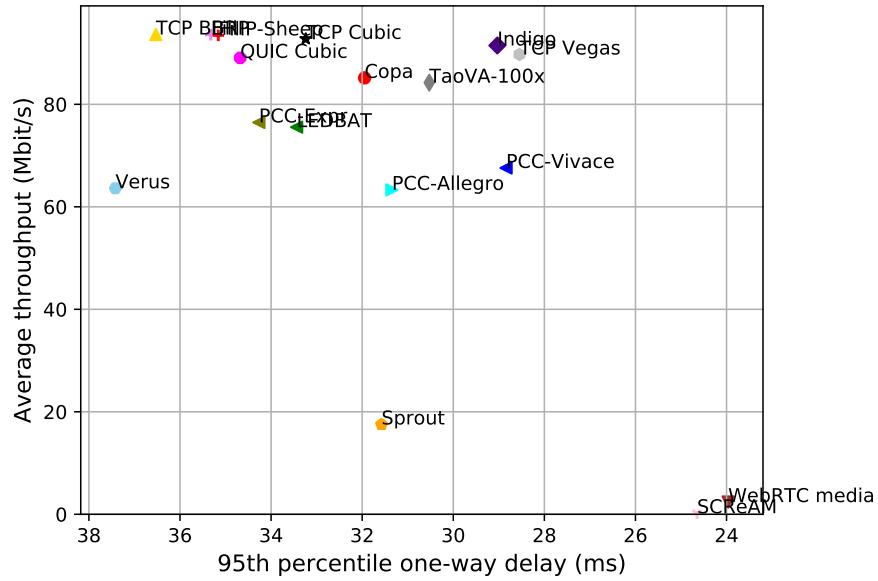
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

NTP offsets were measured against **nets.org.sg** and have been applied to correct the timestamps in logs.

Git summary:

```
branch: master @ 640164b5b17c7c6561fff57729b3b5935d8596ce
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf5e58e562f4
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 India to AWS India 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	93.62	36.53	2.55
Copa	10	85.16	31.95	0.11
TCP Cubic	10	92.77	33.24	0.13
FillP	10	93.58	35.32	0.15
FillP-Sheep	10	93.45	35.16	0.21
Indigo	10	91.48	29.03	0.12
LEDBAT	10	75.55	33.44	0.14
PCC-Allegro	10	63.29	31.35	0.24
PCC-Expr	10	76.46	34.27	0.17
QUIC Cubic	10	89.07	34.68	0.15
SCReAM	10	0.21	24.65	0.14
Sprout	10	17.53	31.58	0.15
TaoVA-100x	10	84.23	30.53	0.14
TCP Vegas	10	89.72	28.55	0.11
Verus	10	63.61	37.42	0.15
PCC-Vivace	10	67.58	28.84	0.39
WebRTC media	10	2.38	23.97	0.12

Run 1: Statistics of TCP BBR

Start at: 2018-08-01 16:22:25

End at: 2018-08-01 16:22:55

Local clock offset: 1.851 ms

Remote clock offset: -8.163 ms

Below is generated by plot.py at 2018-08-01 19:38:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.03 Mbit/s

95th percentile per-packet one-way delay: 31.780 ms

Loss rate: 3.06%

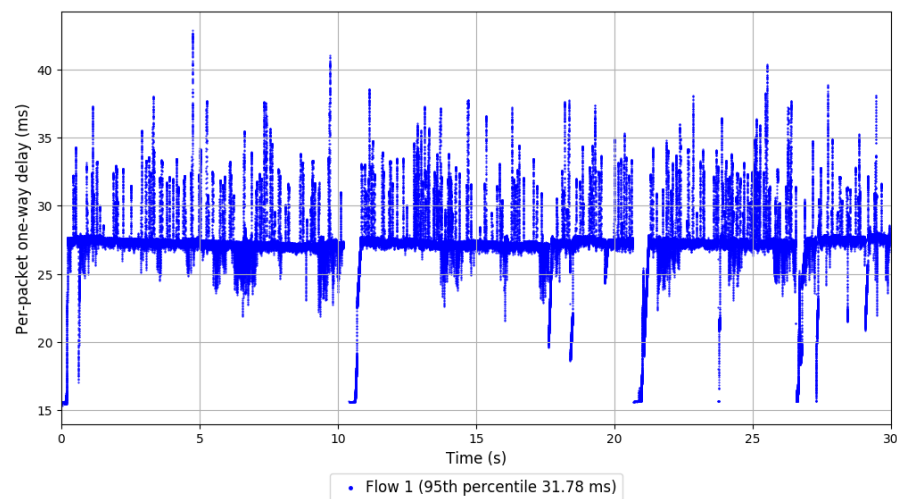
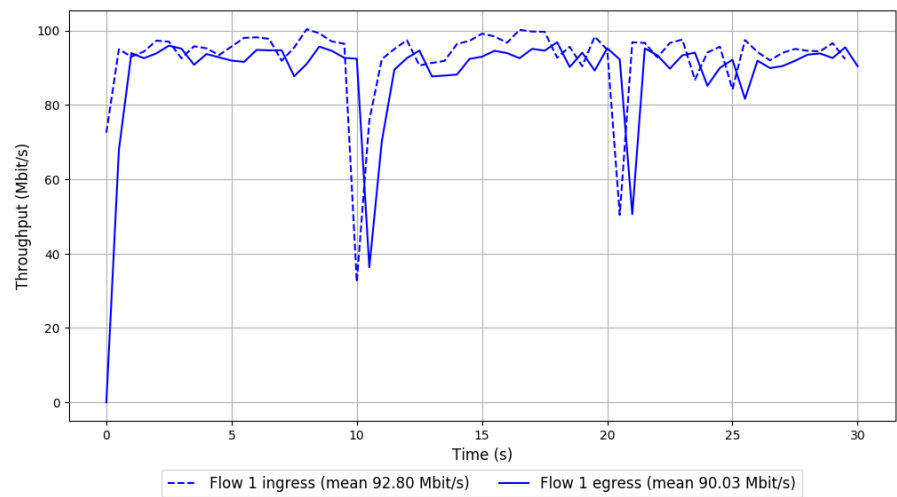
-- Flow 1:

Average throughput: 90.03 Mbit/s

95th percentile per-packet one-way delay: 31.780 ms

Loss rate: 3.06%

Run 1: Report of TCP BBR — Data Link

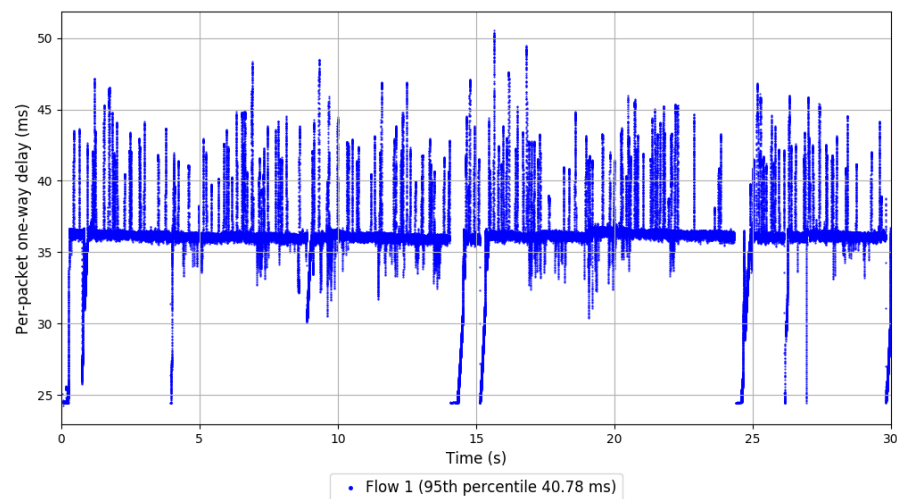
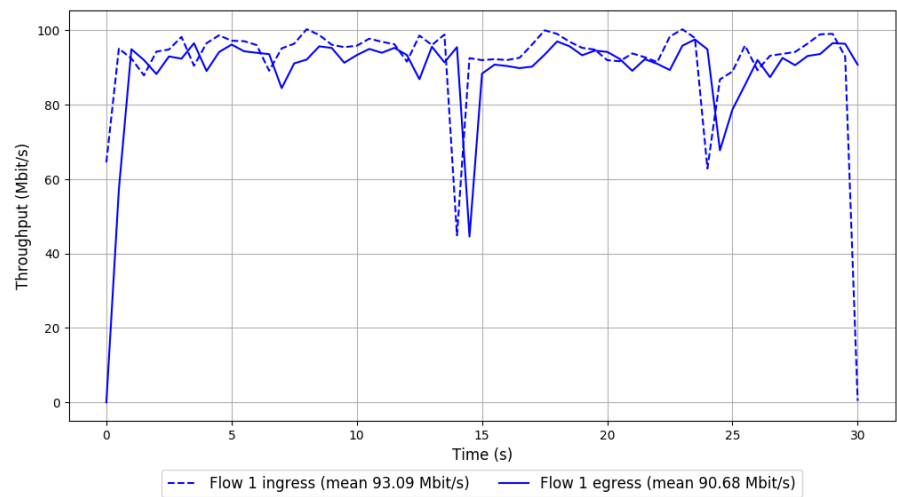


Run 2: Statistics of TCP BBR

Start at: 2018-08-01 16:42:23
End at: 2018-08-01 16:42:53
Local clock offset: 1.423 ms
Remote clock offset: -7.575 ms

Below is generated by plot.py at 2018-08-01 19:38:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.68 Mbit/s
95th percentile per-packet one-way delay: 40.778 ms
Loss rate: 2.69%
-- Flow 1:
Average throughput: 90.68 Mbit/s
95th percentile per-packet one-way delay: 40.778 ms
Loss rate: 2.69%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-08-01 17:01:53

End at: 2018-08-01 17:02:24

Local clock offset: 0.494 ms

Remote clock offset: -11.89 ms

Below is generated by plot.py at 2018-08-01 19:38:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.75 Mbit/s

95th percentile per-packet one-way delay: 37.490 ms

Loss rate: 2.71%

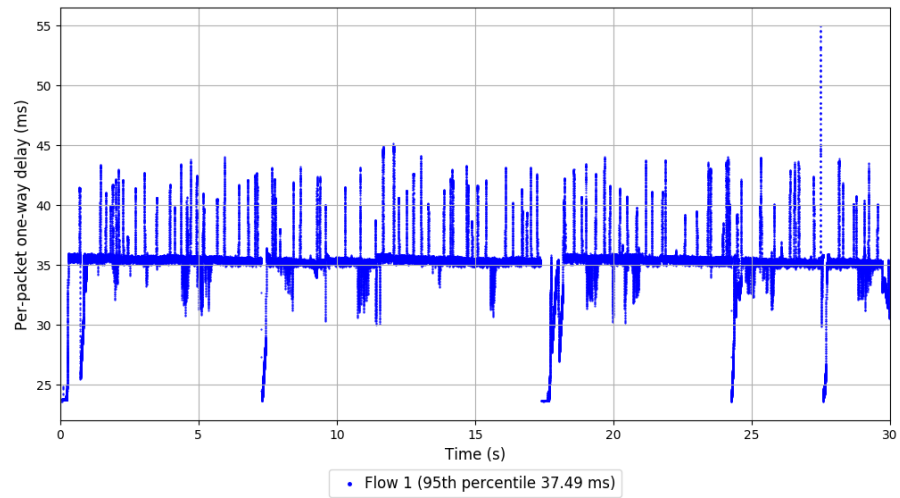
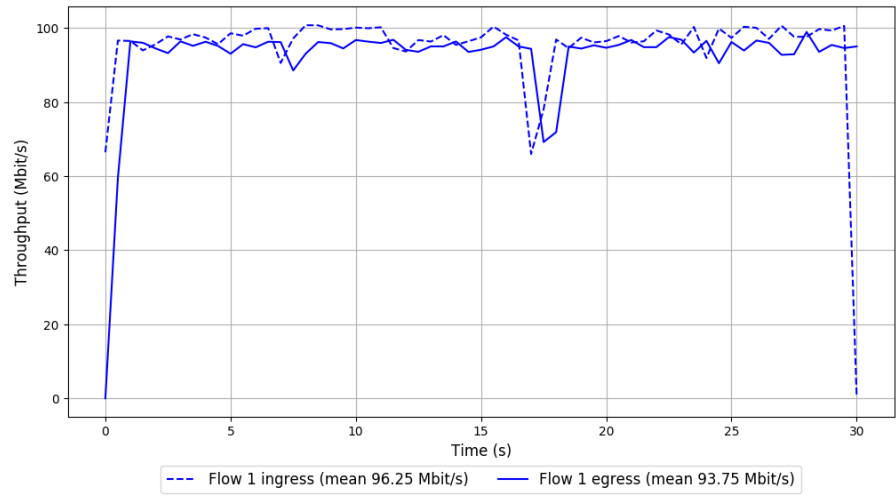
-- Flow 1:

Average throughput: 93.75 Mbit/s

95th percentile per-packet one-way delay: 37.490 ms

Loss rate: 2.71%

Run 3: Report of TCP BBR — Data Link

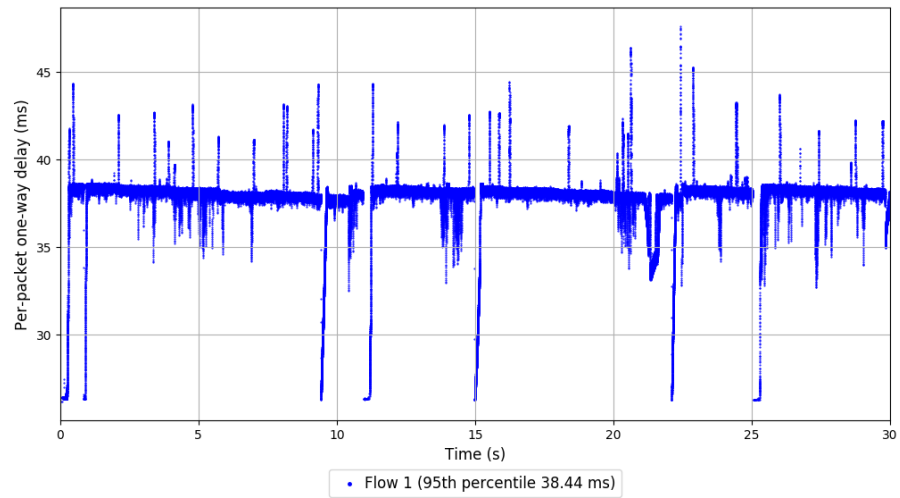
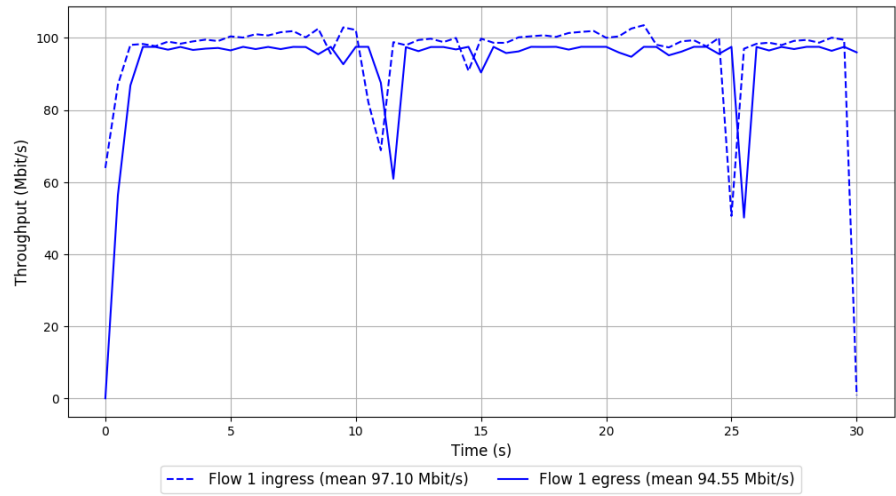


Run 4: Statistics of TCP BBR

Start at: 2018-08-01 17:21:33
End at: 2018-08-01 17:22:03
Local clock offset: 1.206 ms
Remote clock offset: -17.265 ms

Below is generated by plot.py at 2018-08-01 19:38:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.55 Mbit/s
95th percentile per-packet one-way delay: 38.443 ms
Loss rate: 2.77%
-- Flow 1:
Average throughput: 94.55 Mbit/s
95th percentile per-packet one-way delay: 38.443 ms
Loss rate: 2.77%

Run 4: Report of TCP BBR — Data Link

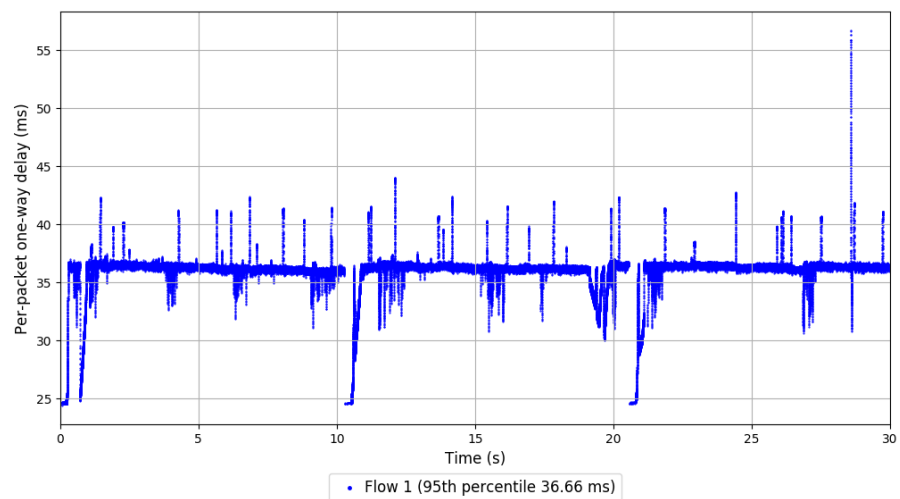
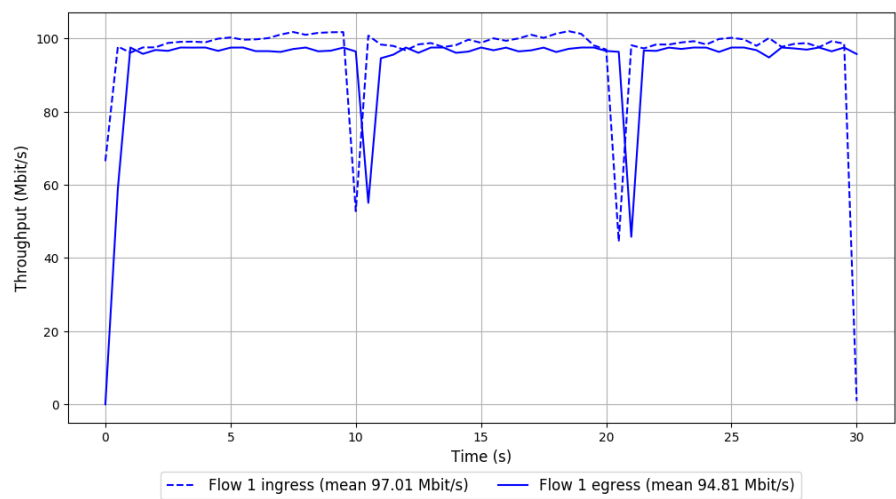


Run 5: Statistics of TCP BBR

Start at: 2018-08-01 17:41:06
End at: 2018-08-01 17:41:36
Local clock offset: 1.723 ms
Remote clock offset: -12.615 ms

Below is generated by plot.py at 2018-08-01 19:38:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.81 Mbit/s
95th percentile per-packet one-way delay: 36.663 ms
Loss rate: 2.38%
-- Flow 1:
Average throughput: 94.81 Mbit/s
95th percentile per-packet one-way delay: 36.663 ms
Loss rate: 2.38%

Run 5: Report of TCP BBR — Data Link

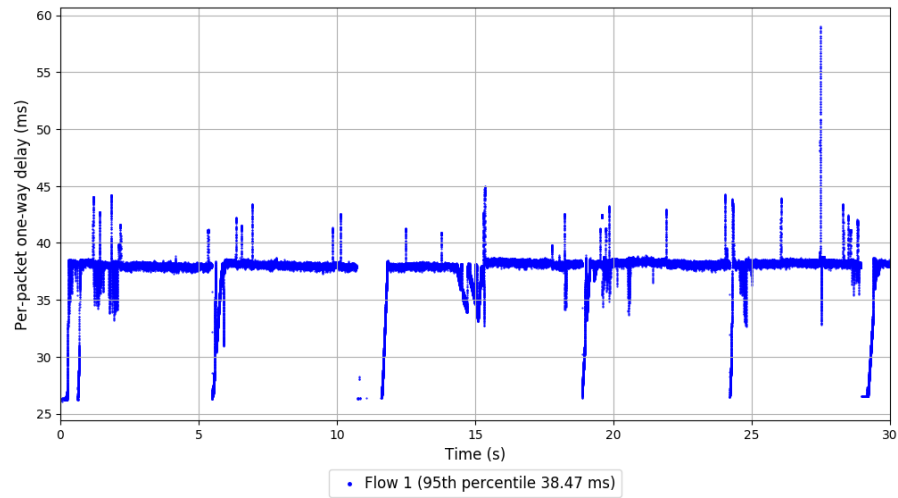
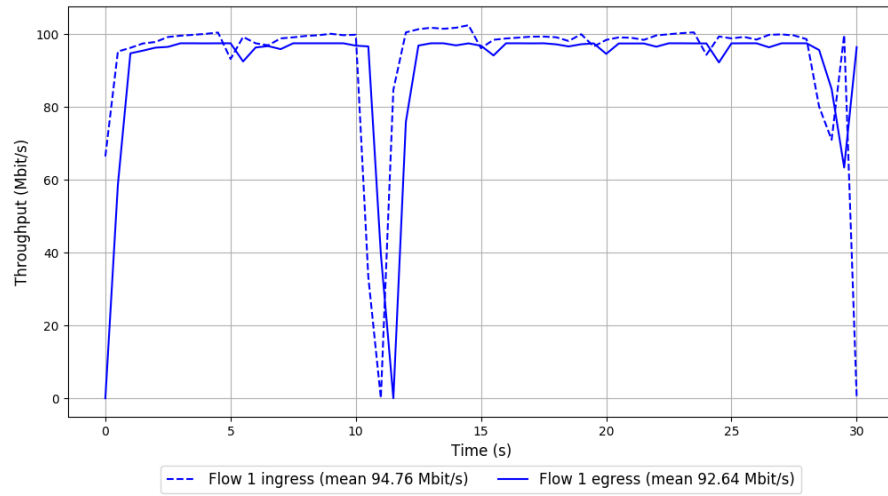


Run 6: Statistics of TCP BBR

Start at: 2018-08-01 18:01:02
End at: 2018-08-01 18:01:32
Local clock offset: 2.836 ms
Remote clock offset: -13.318 ms

Below is generated by plot.py at 2018-08-01 19:38:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.64 Mbit/s
95th percentile per-packet one-way delay: 38.473 ms
Loss rate: 2.34%
-- Flow 1:
Average throughput: 92.64 Mbit/s
95th percentile per-packet one-way delay: 38.473 ms
Loss rate: 2.34%

Run 6: Report of TCP BBR — Data Link

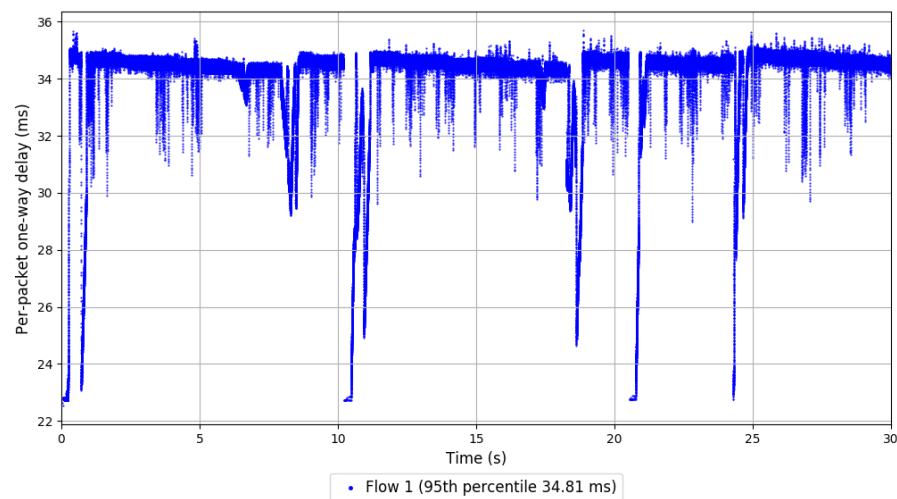
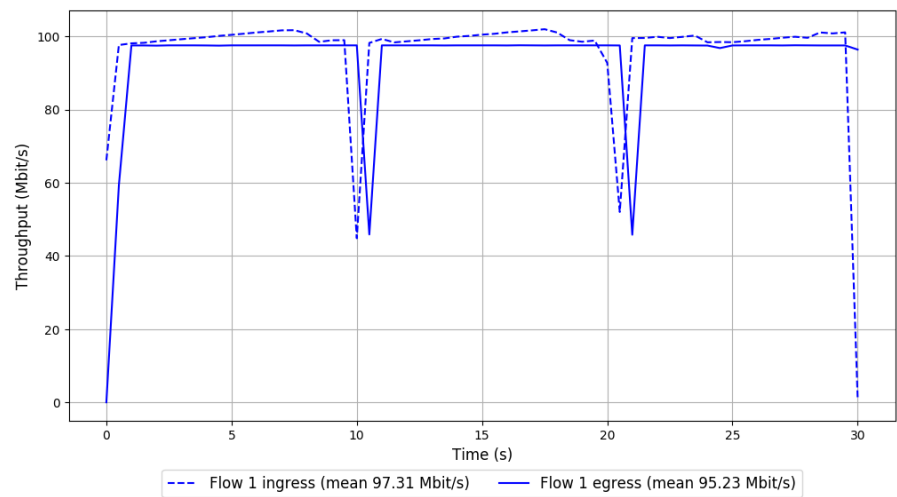


Run 7: Statistics of TCP BBR

Start at: 2018-08-01 18:20:40
End at: 2018-08-01 18:21:10
Local clock offset: -1.32 ms
Remote clock offset: -8.726 ms

Below is generated by plot.py at 2018-08-01 19:38:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 34.809 ms
Loss rate: 2.27%
-- Flow 1:
Average throughput: 95.23 Mbit/s
95th percentile per-packet one-way delay: 34.809 ms
Loss rate: 2.27%

Run 7: Report of TCP BBR — Data Link

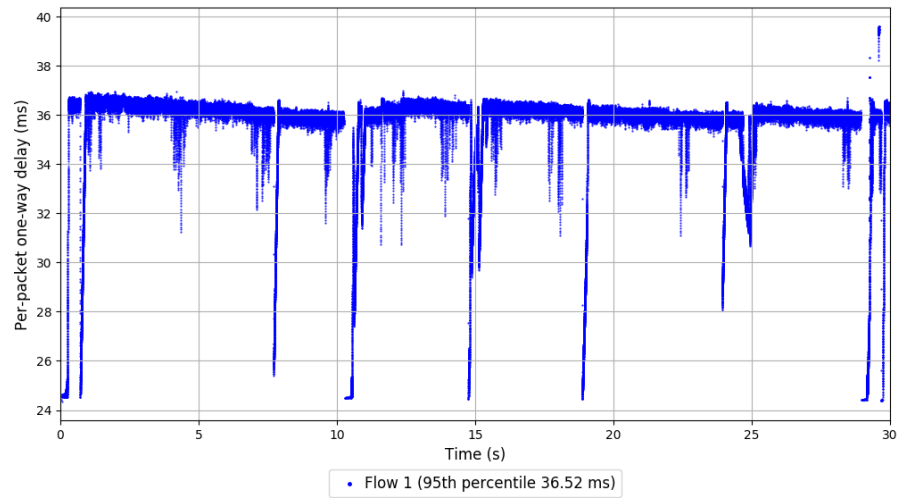
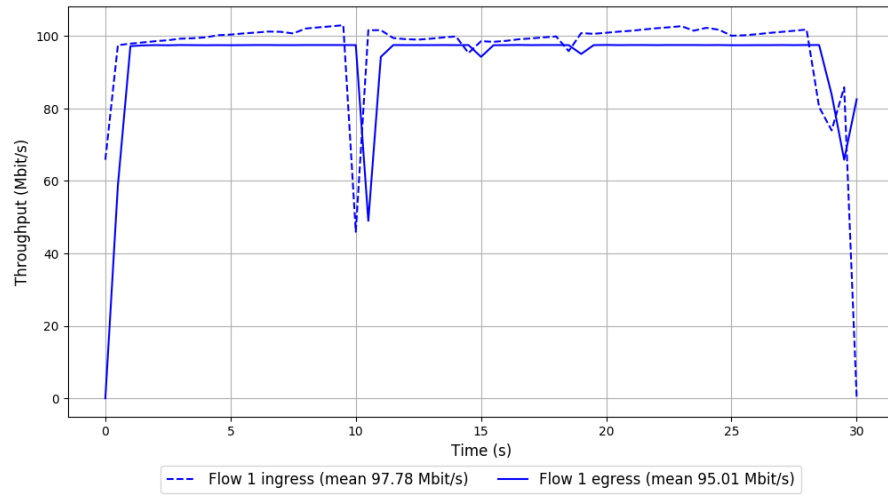


Run 8: Statistics of TCP BBR

Start at: 2018-08-01 18:40:31
End at: 2018-08-01 18:41:01
Local clock offset: 0.836 ms
Remote clock offset: -9.506 ms

Below is generated by plot.py at 2018-08-01 19:38:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.01 Mbit/s
95th percentile per-packet one-way delay: 36.516 ms
Loss rate: 2.96%
-- Flow 1:
Average throughput: 95.01 Mbit/s
95th percentile per-packet one-way delay: 36.516 ms
Loss rate: 2.96%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-08-01 19:00:06

End at: 2018-08-01 19:00:36

Local clock offset: 1.559 ms

Remote clock offset: -8.922 ms

Below is generated by plot.py at 2018-08-01 19:39:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.40 Mbit/s

95th percentile per-packet one-way delay: 36.556 ms

Loss rate: 2.16%

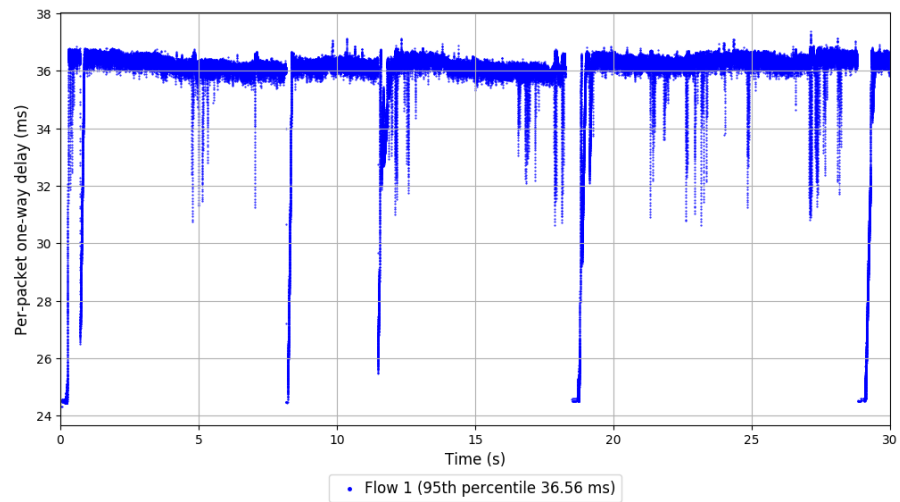
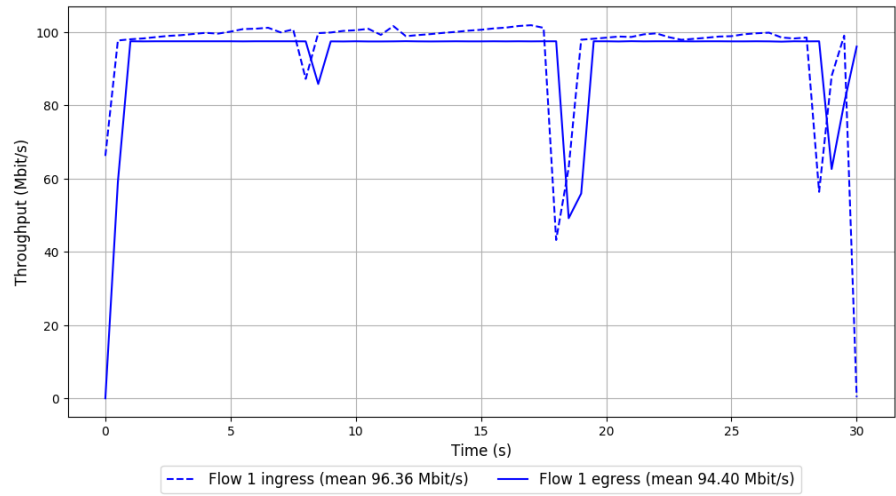
-- Flow 1:

Average throughput: 94.40 Mbit/s

95th percentile per-packet one-way delay: 36.556 ms

Loss rate: 2.16%

Run 9: Report of TCP BBR — Data Link

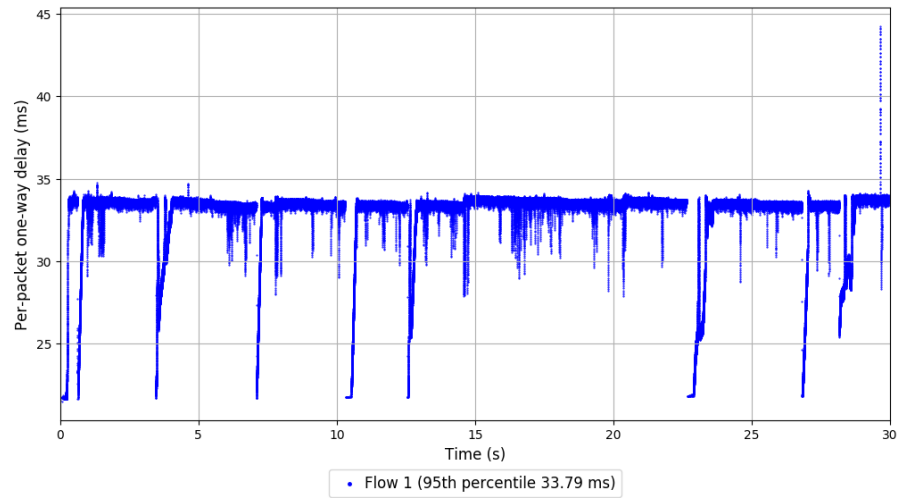
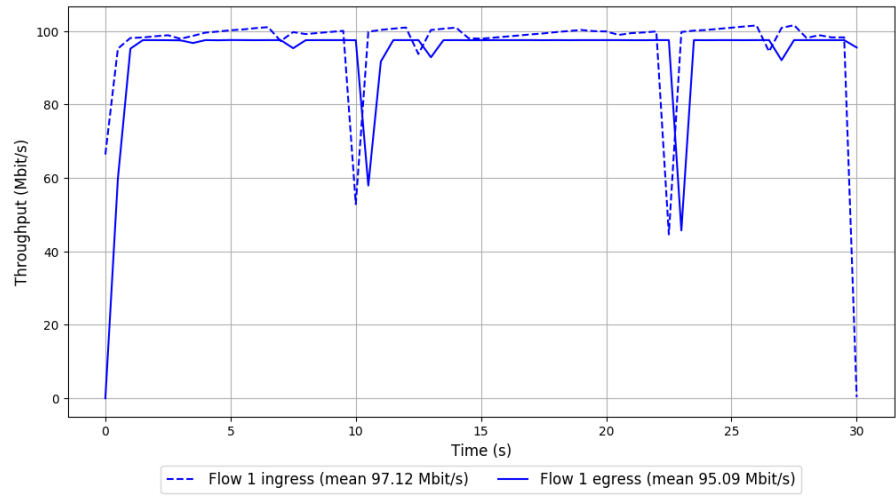


Run 10: Statistics of TCP BBR

Start at: 2018-08-01 19:19:51
End at: 2018-08-01 19:20:21
Local clock offset: -3.343 ms
Remote clock offset: -4.438 ms

Below is generated by plot.py at 2018-08-01 19:39:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.09 Mbit/s
95th percentile per-packet one-way delay: 33.786 ms
Loss rate: 2.20%
-- Flow 1:
Average throughput: 95.09 Mbit/s
95th percentile per-packet one-way delay: 33.786 ms
Loss rate: 2.20%

Run 10: Report of TCP BBR — Data Link

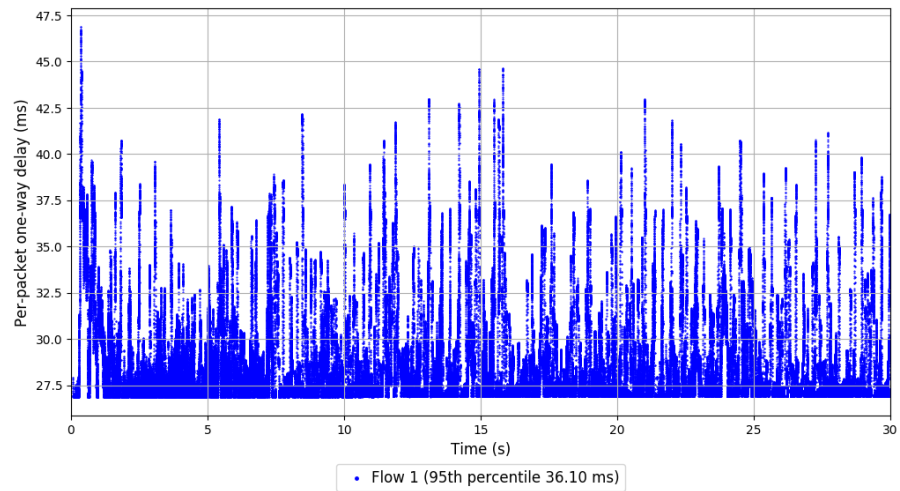
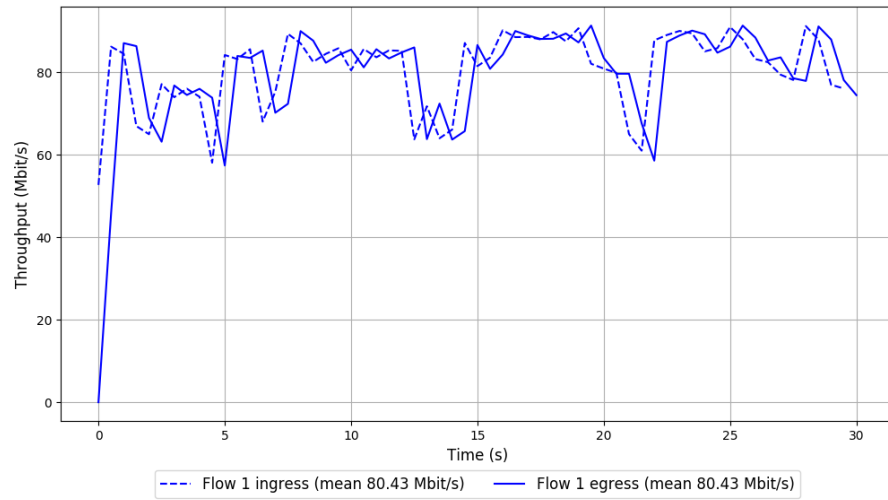


Run 1: Statistics of Copa

Start at: 2018-08-01 16:30:35
End at: 2018-08-01 16:31:05
Local clock offset: 4.502 ms
Remote clock offset: -8.439 ms

Below is generated by plot.py at 2018-08-01 19:39:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.43 Mbit/s
95th percentile per-packet one-way delay: 36.101 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 80.43 Mbit/s
95th percentile per-packet one-way delay: 36.101 ms
Loss rate: 0.11%

Run 1: Report of Copa — Data Link

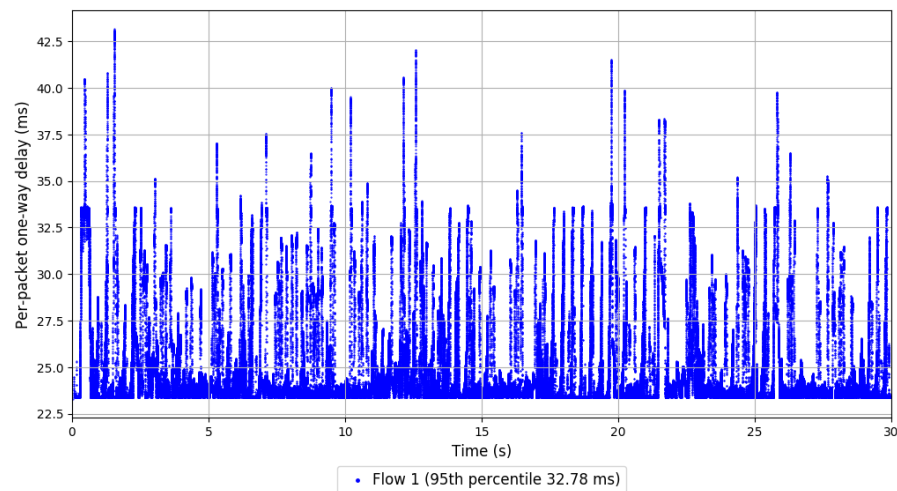
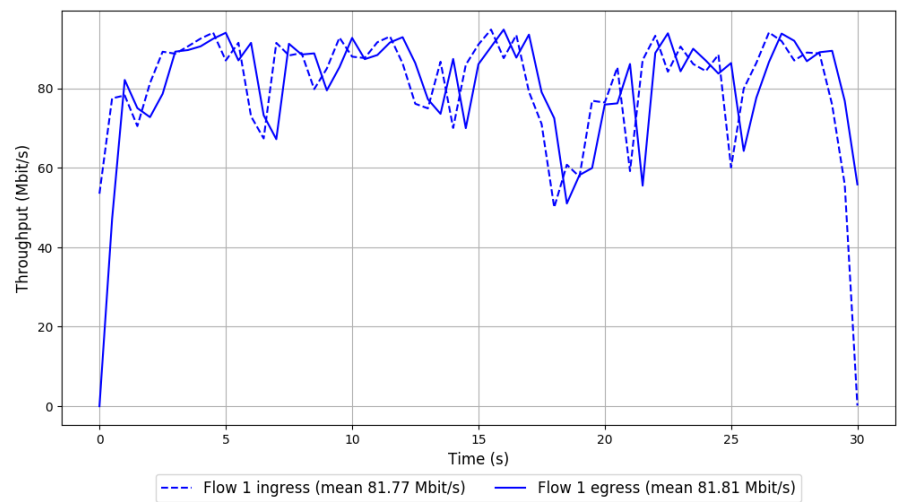


Run 2: Statistics of Copa

Start at: 2018-08-01 16:50:11
End at: 2018-08-01 16:50:41
Local clock offset: 1.595 ms
Remote clock offset: -6.244 ms

Below is generated by plot.py at 2018-08-01 19:40:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.81 Mbit/s
95th percentile per-packet one-way delay: 32.781 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 81.81 Mbit/s
95th percentile per-packet one-way delay: 32.781 ms
Loss rate: 0.06%

Run 2: Report of Copa — Data Link

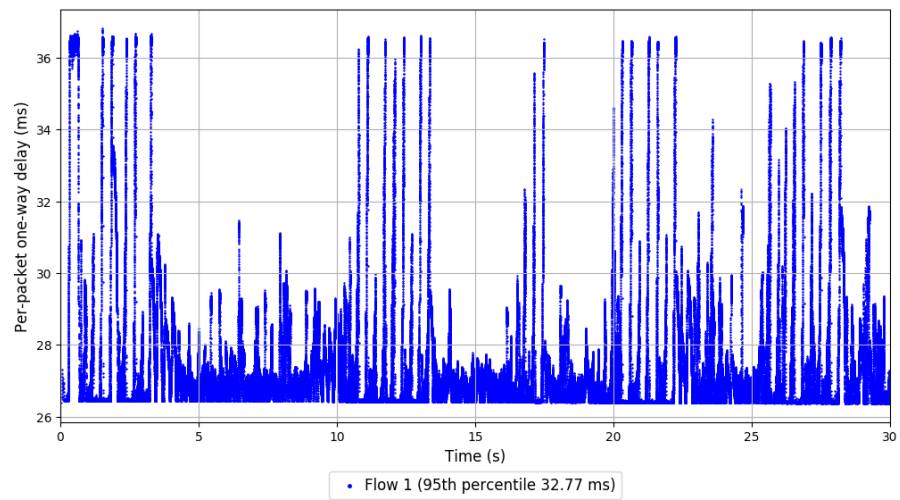
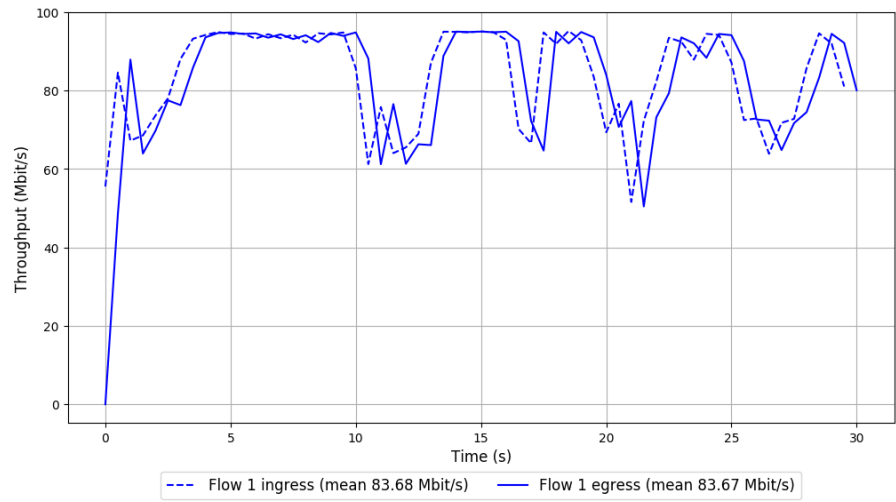


Run 3: Statistics of Copa

Start at: 2018-08-01 17:09:54
End at: 2018-08-01 17:10:24
Local clock offset: 1.482 ms
Remote clock offset: -15.529 ms

Below is generated by plot.py at 2018-08-01 19:40:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.67 Mbit/s
95th percentile per-packet one-way delay: 32.770 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 83.67 Mbit/s
95th percentile per-packet one-way delay: 32.770 ms
Loss rate: 0.12%

Run 3: Report of Copa — Data Link

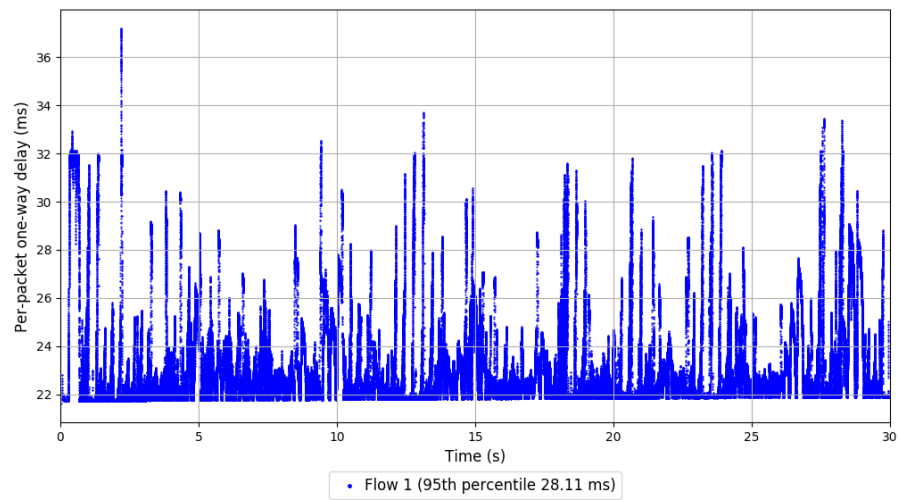
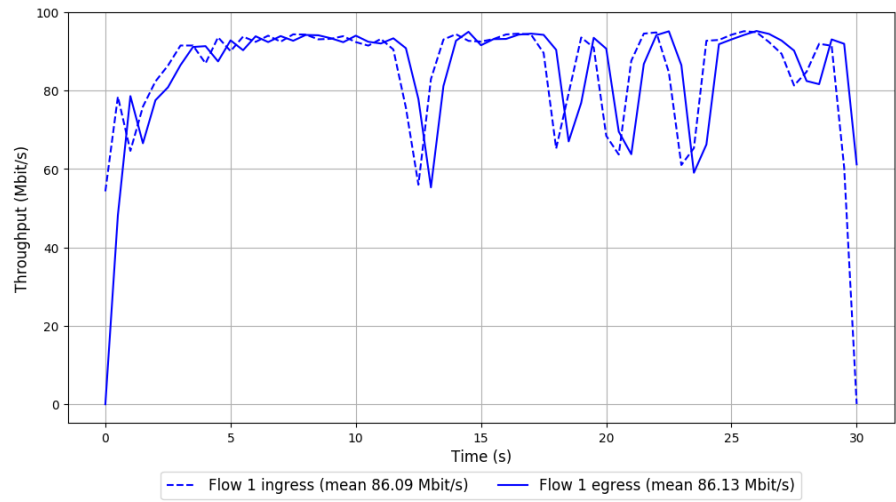


Run 4: Statistics of Copa

Start at: 2018-08-01 17:29:25
End at: 2018-08-01 17:29:55
Local clock offset: -0.111 ms
Remote clock offset: -13.582 ms

Below is generated by plot.py at 2018-08-01 19:40:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.13 Mbit/s
95th percentile per-packet one-way delay: 28.110 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 86.13 Mbit/s
95th percentile per-packet one-way delay: 28.110 ms
Loss rate: 0.06%

Run 4: Report of Copa — Data Link

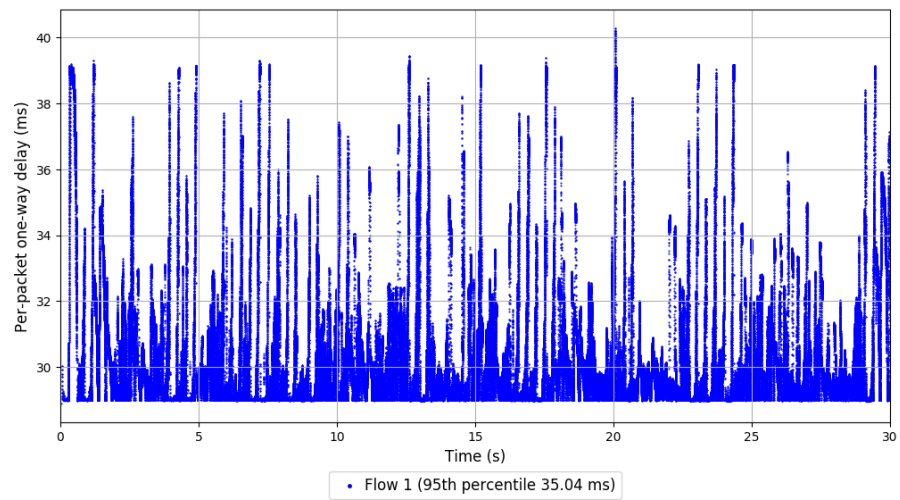
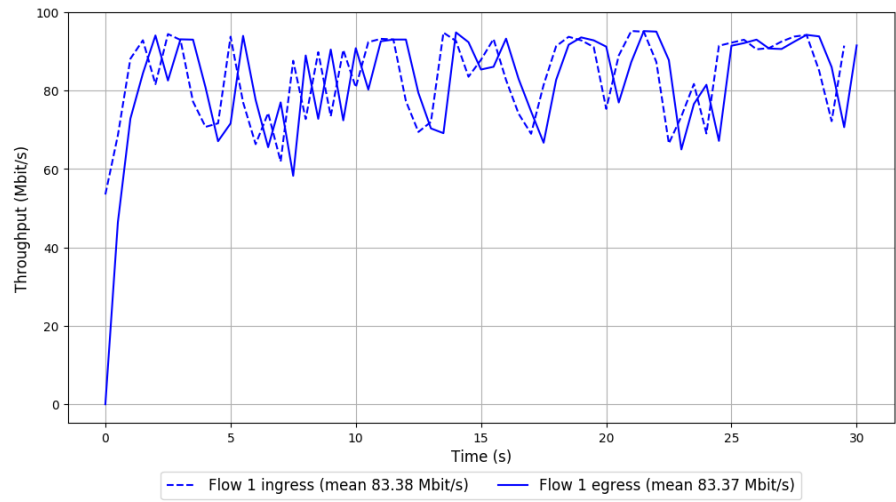


Run 5: Statistics of Copa

Start at: 2018-08-01 17:49:14
End at: 2018-08-01 17:49:44
Local clock offset: 3.216 ms
Remote clock offset: -15.311 ms

Below is generated by plot.py at 2018-08-01 19:40:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.37 Mbit/s
95th percentile per-packet one-way delay: 35.043 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 83.37 Mbit/s
95th percentile per-packet one-way delay: 35.043 ms
Loss rate: 0.12%

Run 5: Report of Copa — Data Link

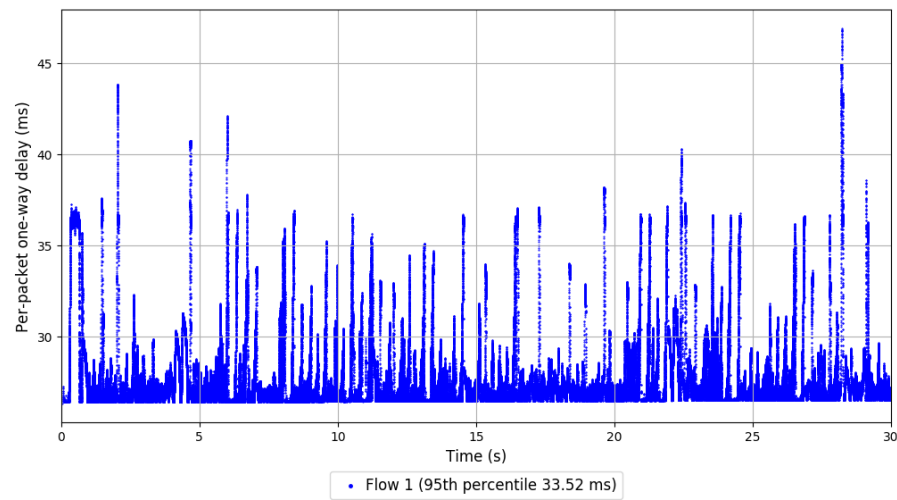
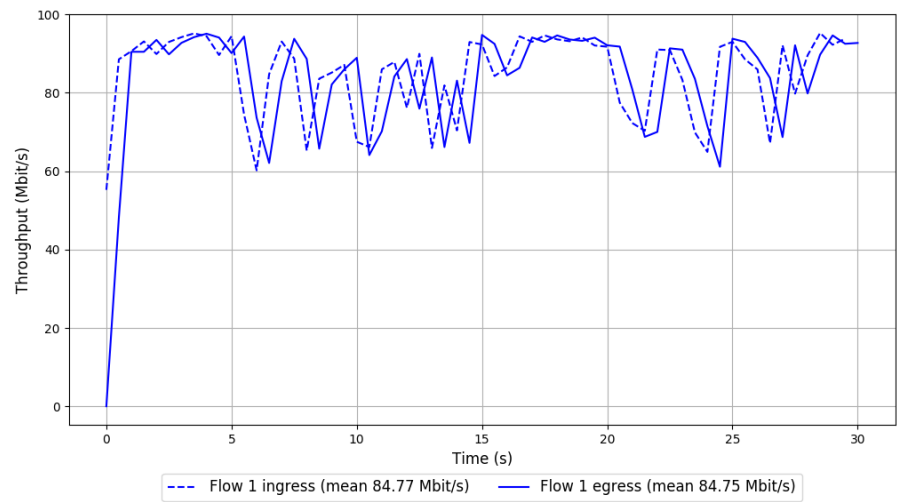


Run 6: Statistics of Copa

Start at: 2018-08-01 18:08:51
End at: 2018-08-01 18:09:21
Local clock offset: 2.721 ms
Remote clock offset: -10.455 ms

Below is generated by plot.py at 2018-08-01 19:40:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.75 Mbit/s
95th percentile per-packet one-way delay: 33.521 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 84.75 Mbit/s
95th percentile per-packet one-way delay: 33.521 ms
Loss rate: 0.13%

Run 6: Report of Copa — Data Link

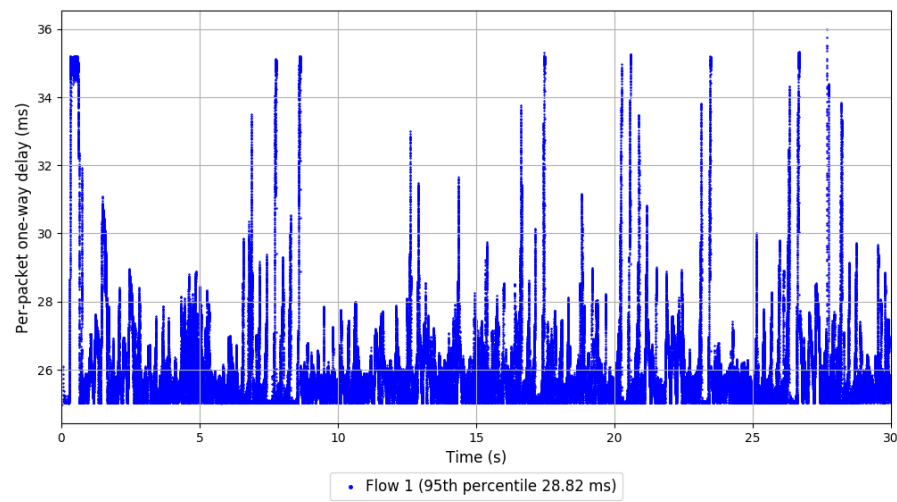
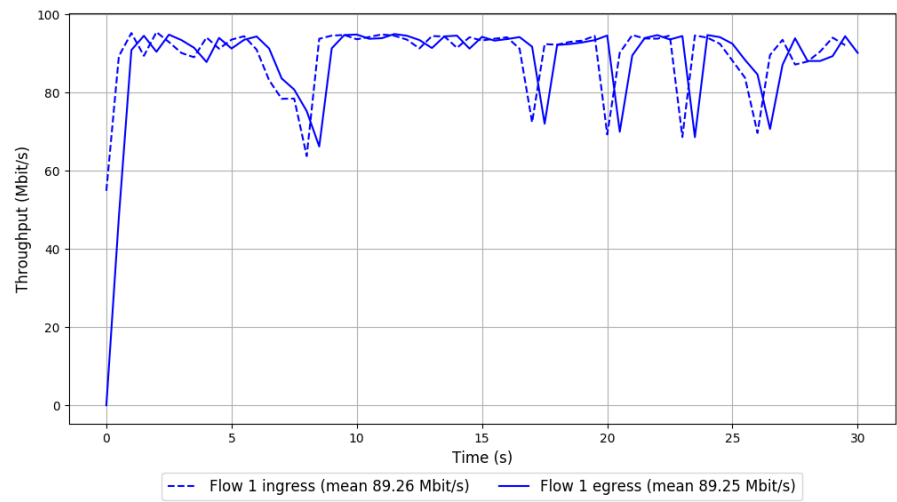


Run 7: Statistics of Copa

Start at: 2018-08-01 18:28:46
End at: 2018-08-01 18:29:16
Local clock offset: 1.245 ms
Remote clock offset: -8.311 ms

Below is generated by plot.py at 2018-08-01 19:41:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.25 Mbit/s
95th percentile per-packet one-way delay: 28.825 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 89.25 Mbit/s
95th percentile per-packet one-way delay: 28.825 ms
Loss rate: 0.12%

Run 7: Report of Copa — Data Link

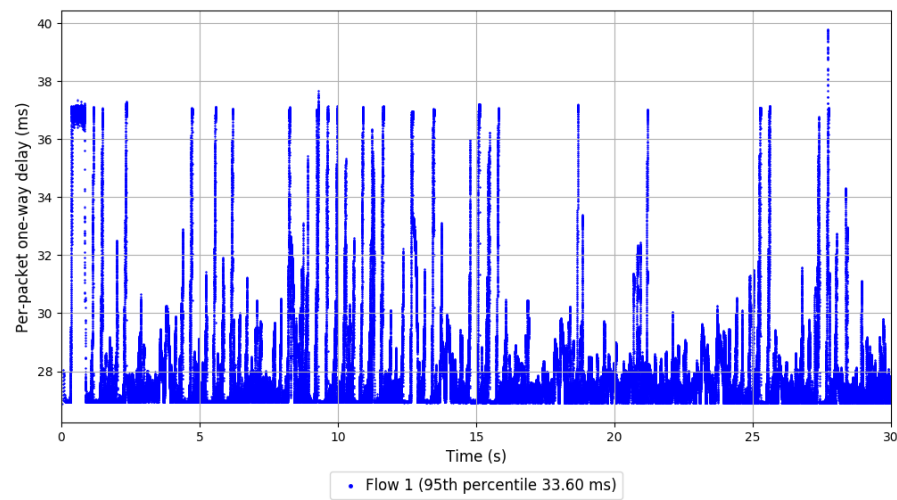
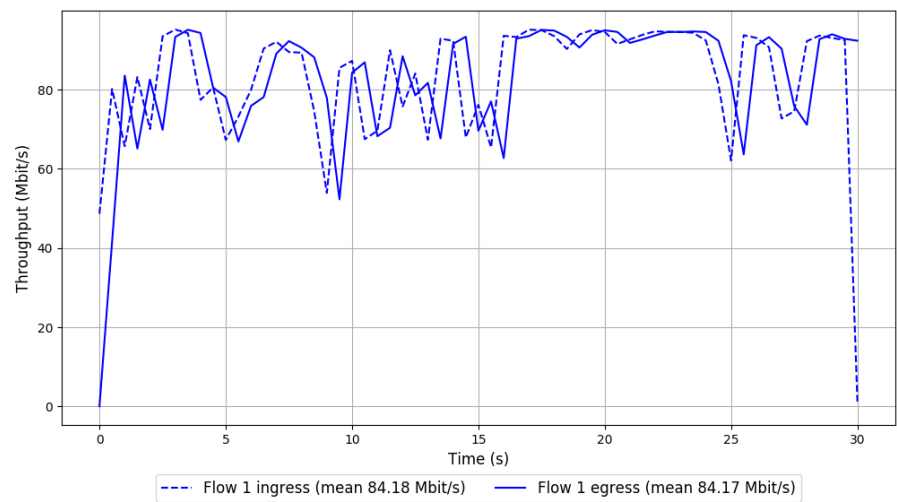


Run 8: Statistics of Copa

Start at: 2018-08-01 18:48:24
End at: 2018-08-01 18:48:54
Local clock offset: 3.015 ms
Remote clock offset: -11.037 ms

Below is generated by plot.py at 2018-08-01 19:41:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.17 Mbit/s
95th percentile per-packet one-way delay: 33.600 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 84.17 Mbit/s
95th percentile per-packet one-way delay: 33.600 ms
Loss rate: 0.13%

Run 8: Report of Copa — Data Link

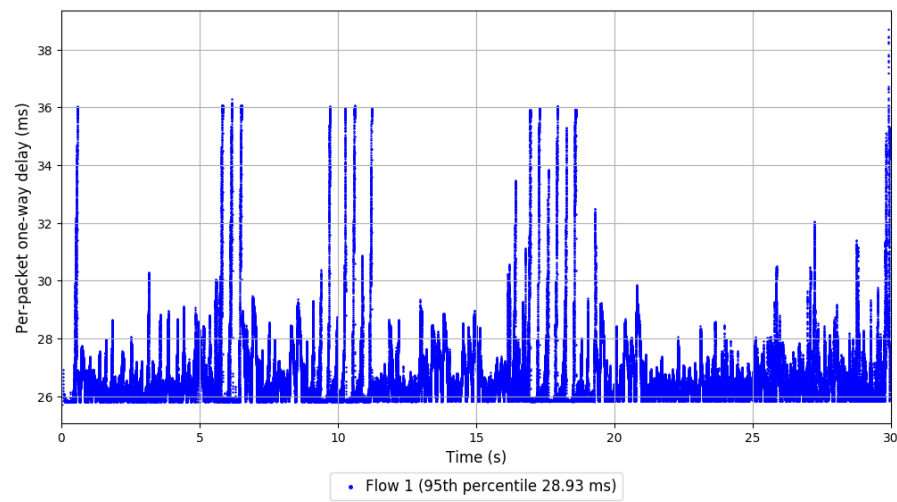
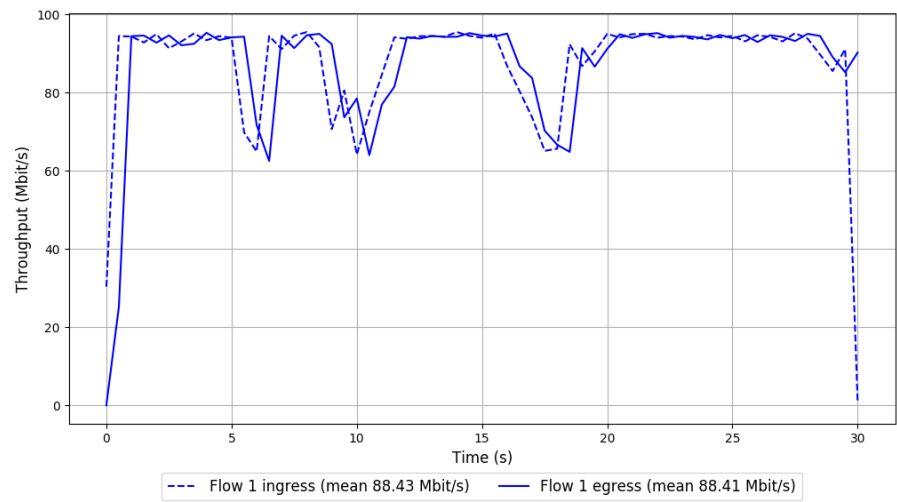


Run 9: Statistics of Copa

Start at: 2018-08-01 19:07:59
End at: 2018-08-01 19:08:29
Local clock offset: 0.584 ms
Remote clock offset: -10.69 ms

Below is generated by plot.py at 2018-08-01 19:41:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.41 Mbit/s
95th percentile per-packet one-way delay: 28.925 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 88.41 Mbit/s
95th percentile per-packet one-way delay: 28.925 ms
Loss rate: 0.13%

Run 9: Report of Copa — Data Link

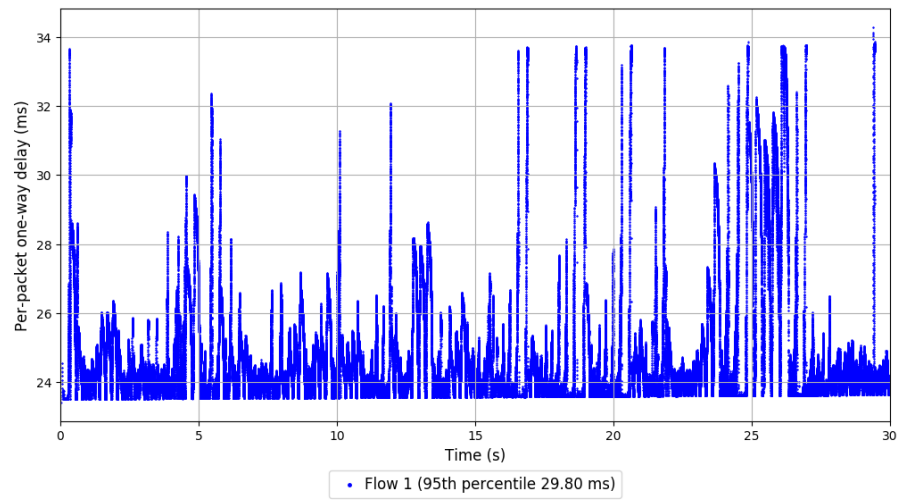
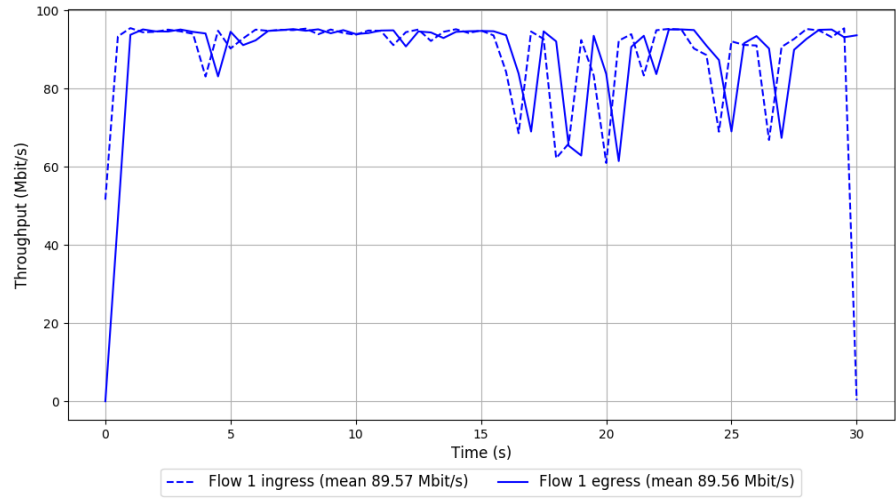


Run 10: Statistics of Copa

Start at: 2018-08-01 19:27:41
End at: 2018-08-01 19:28:11
Local clock offset: -4.135 ms
Remote clock offset: -4.705 ms

Below is generated by plot.py at 2018-08-01 19:41:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.56 Mbit/s
95th percentile per-packet one-way delay: 29.798 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 89.56 Mbit/s
95th percentile per-packet one-way delay: 29.798 ms
Loss rate: 0.12%

Run 10: Report of Copa — Data Link

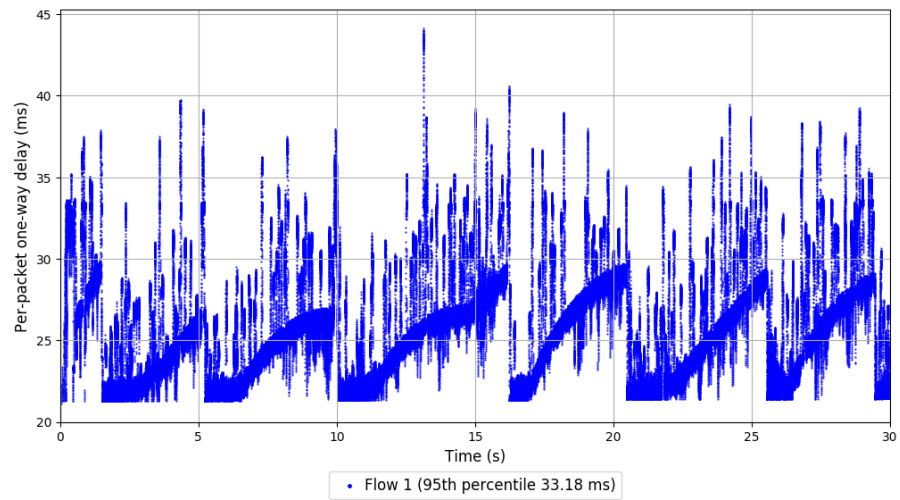
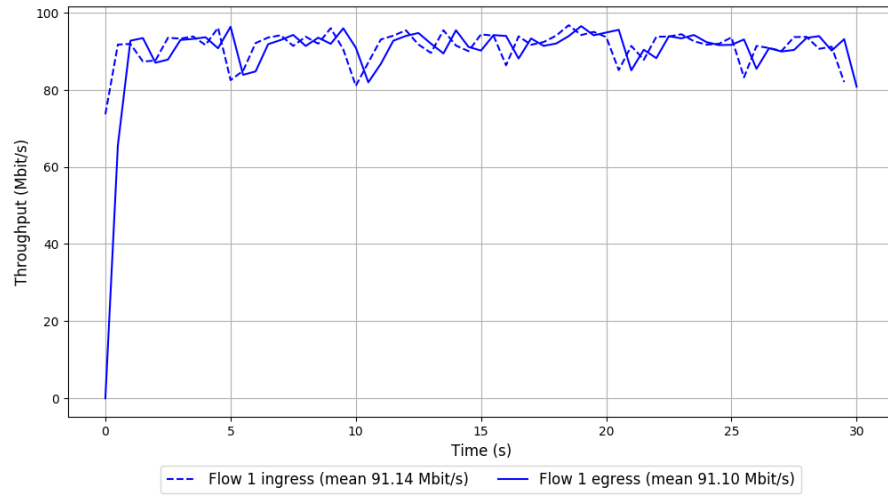


Run 1: Statistics of TCP Cubic

Start at: 2018-08-01 16:24:41
End at: 2018-08-01 16:25:11
Local clock offset: 4.782 ms
Remote clock offset: -10.264 ms

Below is generated by plot.py at 2018-08-01 19:41:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.10 Mbit/s
95th percentile per-packet one-way delay: 33.176 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 91.10 Mbit/s
95th percentile per-packet one-way delay: 33.176 ms
Loss rate: 0.12%

Run 1: Report of TCP Cubic — Data Link

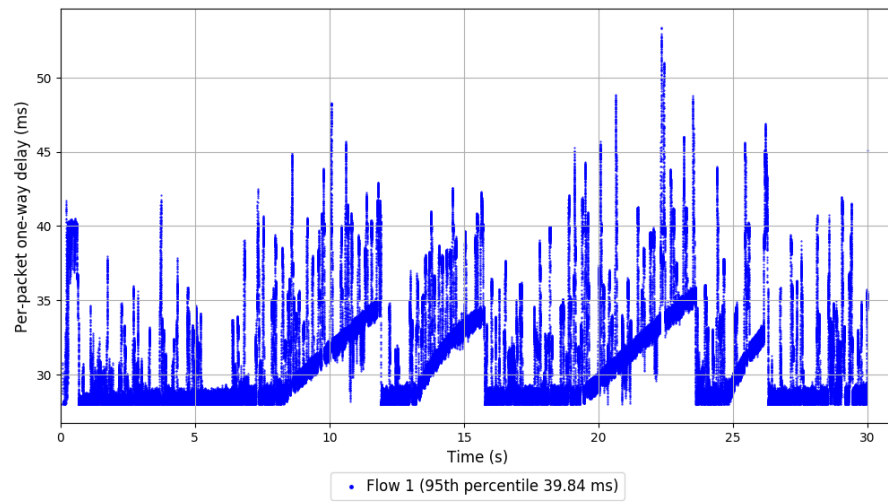
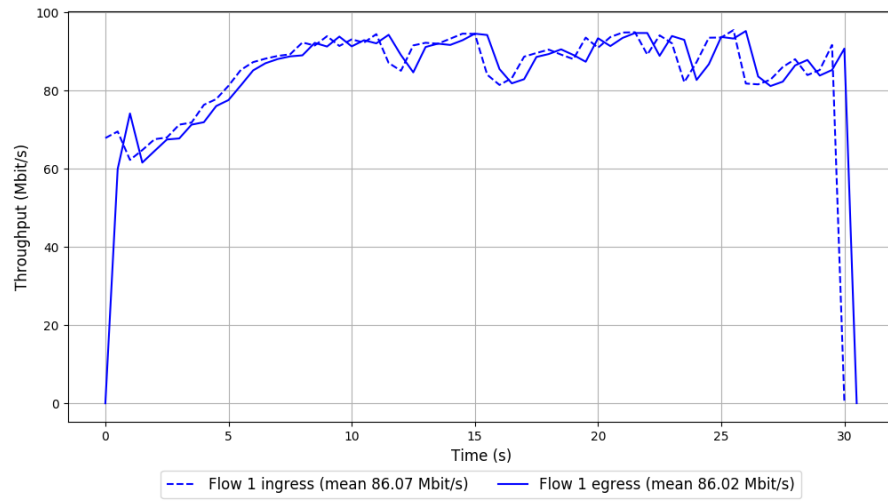


Run 2: Statistics of TCP Cubic

Start at: 2018-08-01 16:44:36
End at: 2018-08-01 16:45:06
Local clock offset: 5.022 ms
Remote clock offset: -7.494 ms

Below is generated by plot.py at 2018-08-01 19:41:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.02 Mbit/s
95th percentile per-packet one-way delay: 39.840 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 86.02 Mbit/s
95th percentile per-packet one-way delay: 39.840 ms
Loss rate: 0.13%

Run 2: Report of TCP Cubic — Data Link

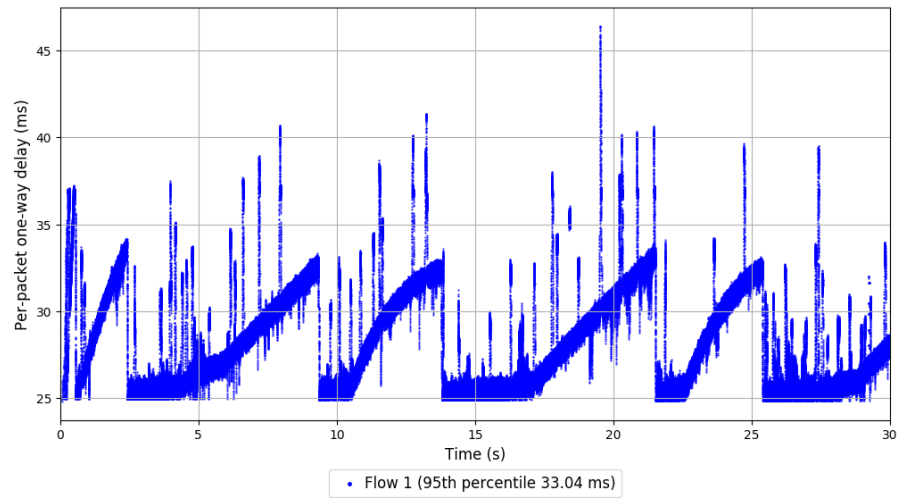
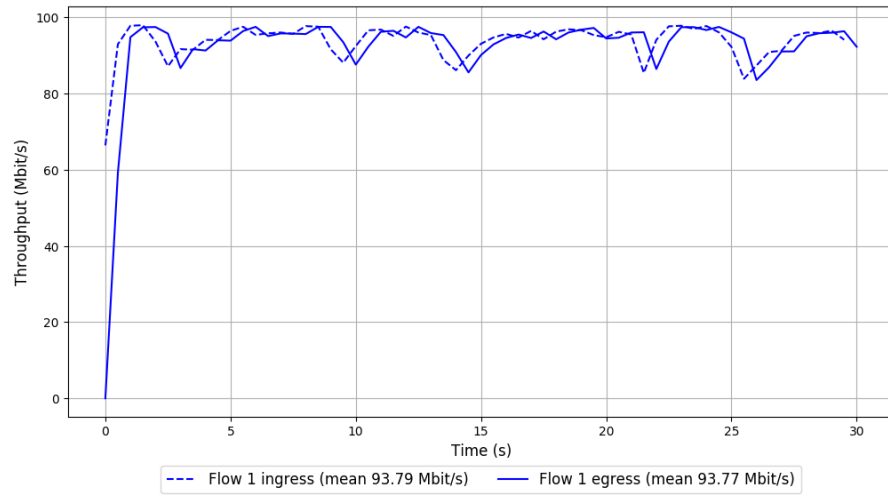


Run 3: Statistics of TCP Cubic

Start at: 2018-08-01 17:04:17
End at: 2018-08-01 17:04:47
Local clock offset: 2.458 ms
Remote clock offset: -11.915 ms

Below is generated by plot.py at 2018-08-01 19:41:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.77 Mbit/s
95th percentile per-packet one-way delay: 33.040 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 93.77 Mbit/s
95th percentile per-packet one-way delay: 33.040 ms
Loss rate: 0.13%

Run 3: Report of TCP Cubic — Data Link

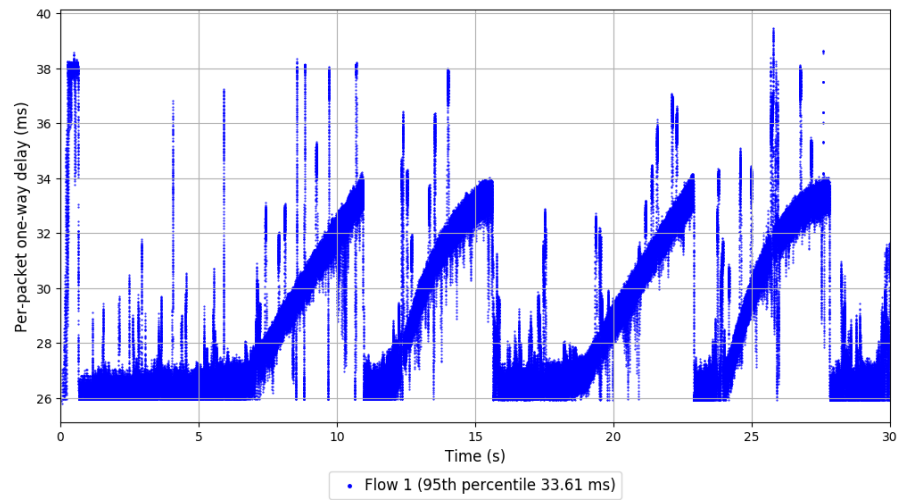
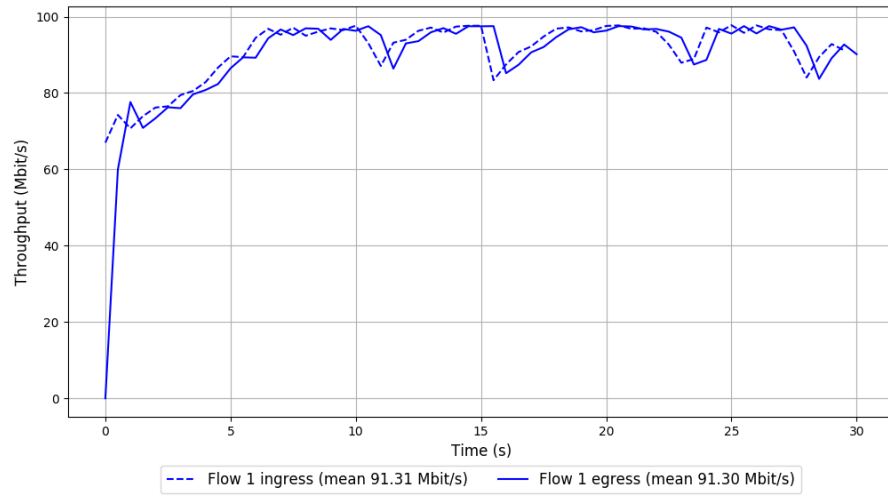


Run 4: Statistics of TCP Cubic

Start at: 2018-08-01 17:23:47
End at: 2018-08-01 17:24:17
Local clock offset: 1.679 ms
Remote clock offset: -16.686 ms

Below is generated by plot.py at 2018-08-01 19:41:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.30 Mbit/s
95th percentile per-packet one-way delay: 33.606 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 91.30 Mbit/s
95th percentile per-packet one-way delay: 33.606 ms
Loss rate: 0.11%

Run 4: Report of TCP Cubic — Data Link

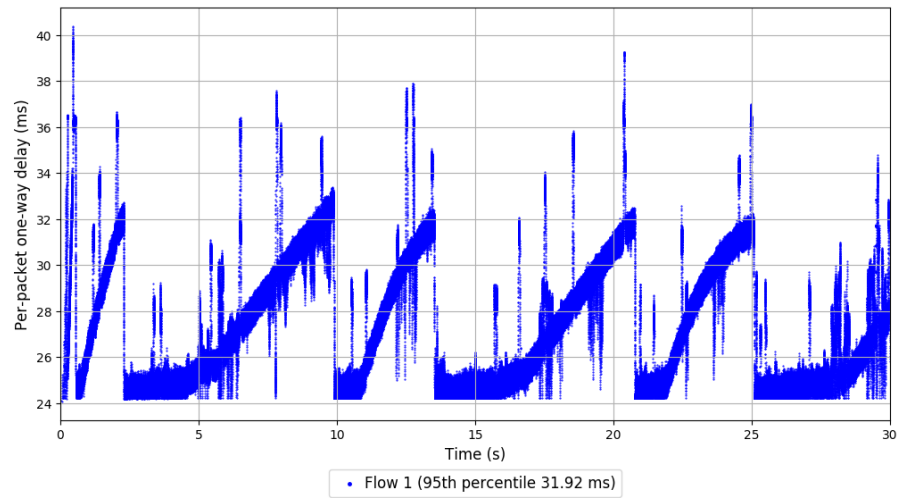
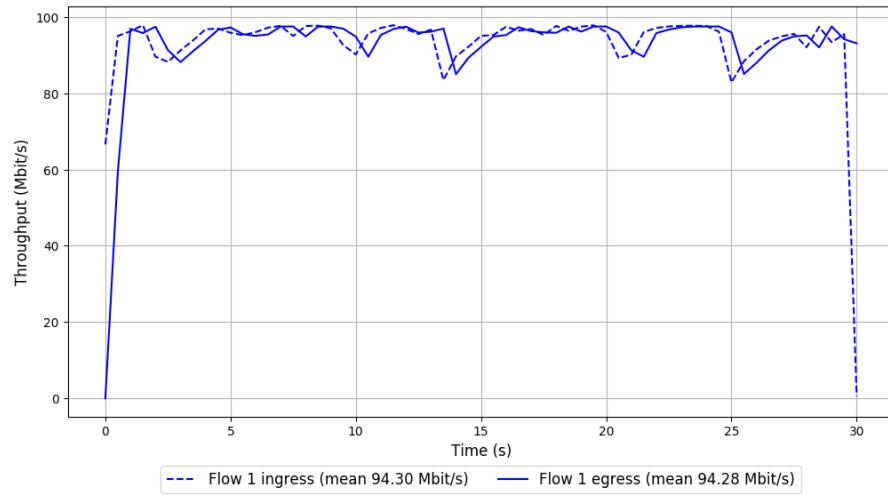


Run 5: Statistics of TCP Cubic

Start at: 2018-08-01 17:43:31
End at: 2018-08-01 17:44:01
Local clock offset: -0.851 ms
Remote clock offset: -14.735 ms

Below is generated by plot.py at 2018-08-01 19:42:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.28 Mbit/s
95th percentile per-packet one-way delay: 31.916 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 94.28 Mbit/s
95th percentile per-packet one-way delay: 31.916 ms
Loss rate: 0.13%

Run 5: Report of TCP Cubic — Data Link

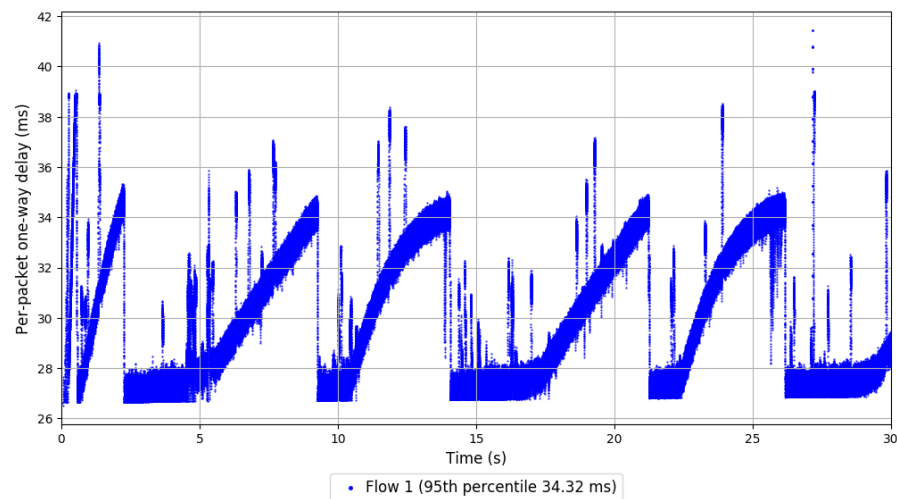
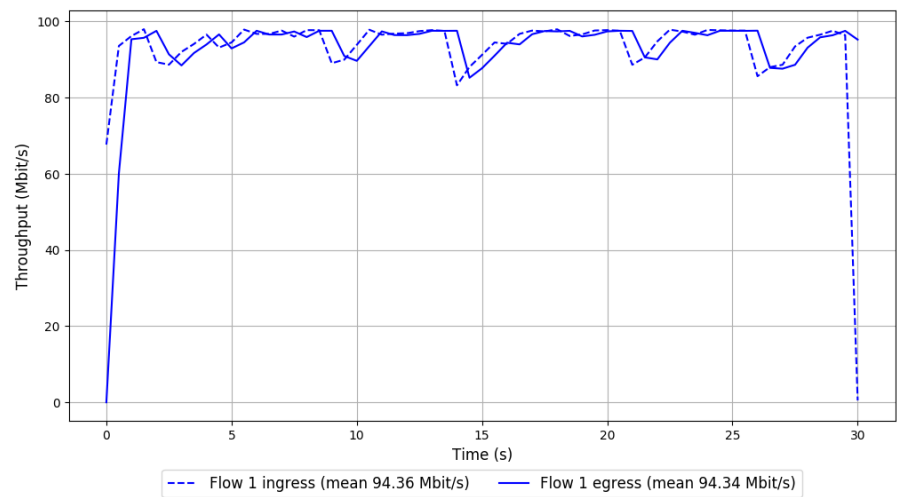


Run 6: Statistics of TCP Cubic

Start at: 2018-08-01 18:03:15
End at: 2018-08-01 18:03:45
Local clock offset: 1.709 ms
Remote clock offset: -13.683 ms

Below is generated by plot.py at 2018-08-01 19:42:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.34 Mbit/s
95th percentile per-packet one-way delay: 34.317 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 94.34 Mbit/s
95th percentile per-packet one-way delay: 34.317 ms
Loss rate: 0.13%

Run 6: Report of TCP Cubic — Data Link

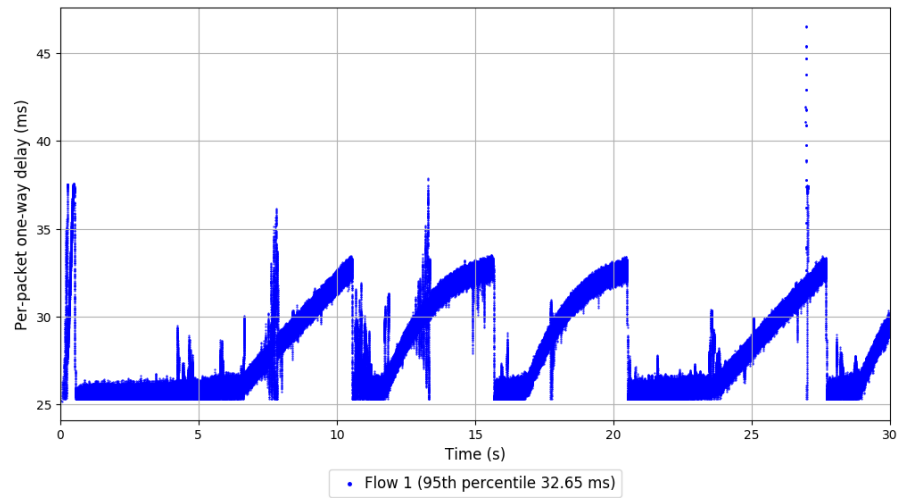
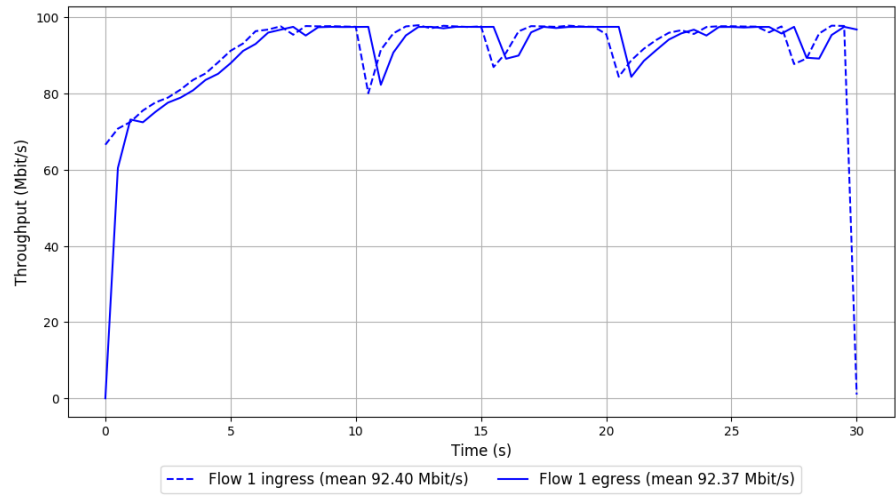


Run 7: Statistics of TCP Cubic

Start at: 2018-08-01 18:22:58
End at: 2018-08-01 18:23:28
Local clock offset: -0.42 ms
Remote clock offset: -10.313 ms

Below is generated by plot.py at 2018-08-01 19:42:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.37 Mbit/s
95th percentile per-packet one-way delay: 32.649 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 92.37 Mbit/s
95th percentile per-packet one-way delay: 32.649 ms
Loss rate: 0.14%

Run 7: Report of TCP Cubic — Data Link

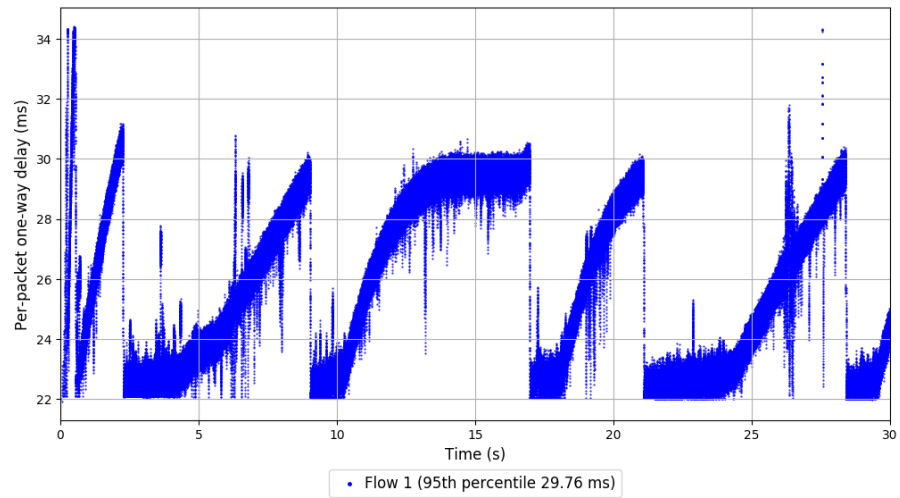
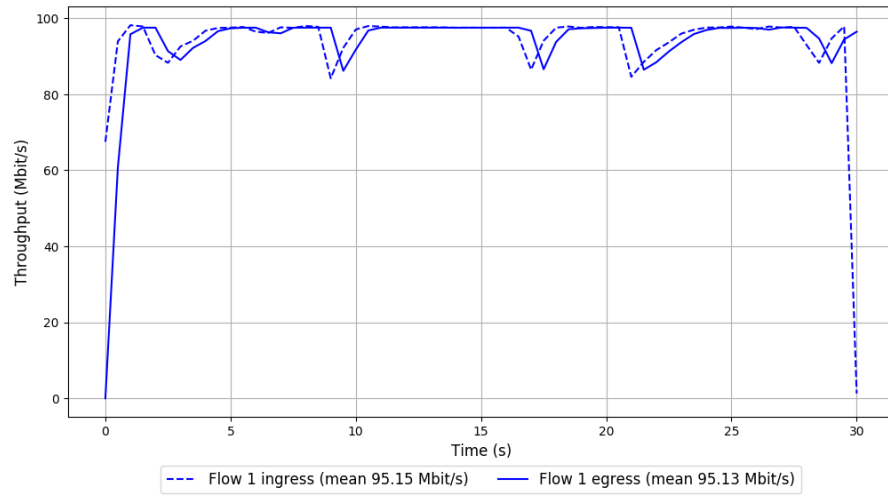


Run 8: Statistics of TCP Cubic

Start at: 2018-08-01 18:42:46
End at: 2018-08-01 18:43:16
Local clock offset: 0.132 ms
Remote clock offset: -8.273 ms

Below is generated by plot.py at 2018-08-01 19:42:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.13 Mbit/s
95th percentile per-packet one-way delay: 29.764 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 95.13 Mbit/s
95th percentile per-packet one-way delay: 29.764 ms
Loss rate: 0.13%

Run 8: Report of TCP Cubic — Data Link

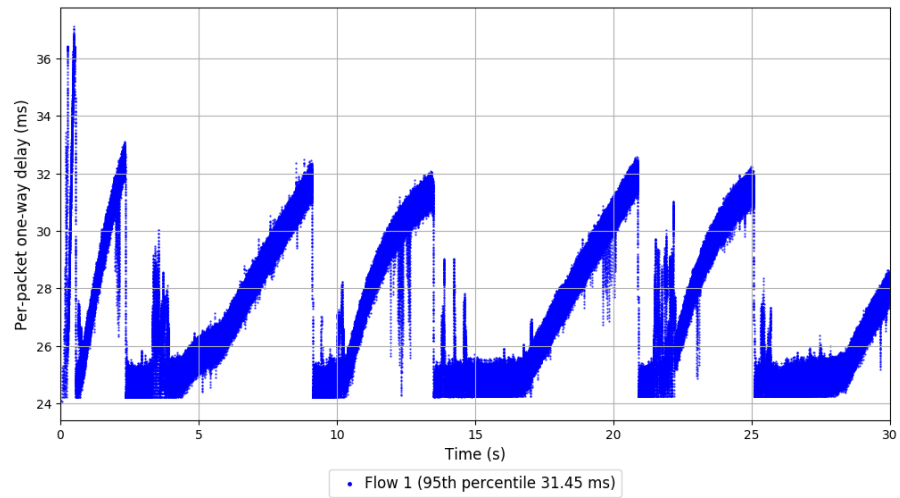
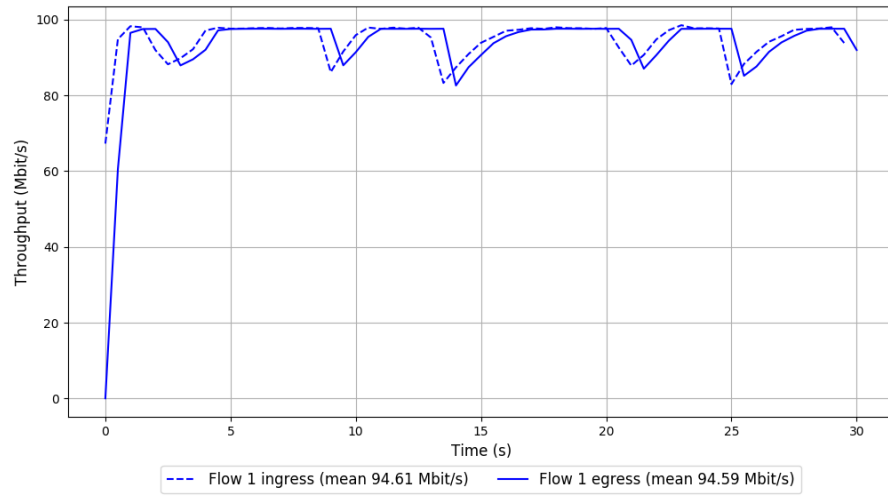


Run 9: Statistics of TCP Cubic

Start at: 2018-08-01 19:02:21
End at: 2018-08-01 19:02:51
Local clock offset: 0.536 ms
Remote clock offset: -9.523 ms

Below is generated by plot.py at 2018-08-01 19:42:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.59 Mbit/s
95th percentile per-packet one-way delay: 31.445 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 94.59 Mbit/s
95th percentile per-packet one-way delay: 31.445 ms
Loss rate: 0.13%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-08-01 19:22:06

End at: 2018-08-01 19:22:36

Local clock offset: -2.053 ms

Remote clock offset: -6.016 ms

Below is generated by plot.py at 2018-08-01 19:42:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.76 Mbit/s

95th percentile per-packet one-way delay: 32.641 ms

Loss rate: 0.13%

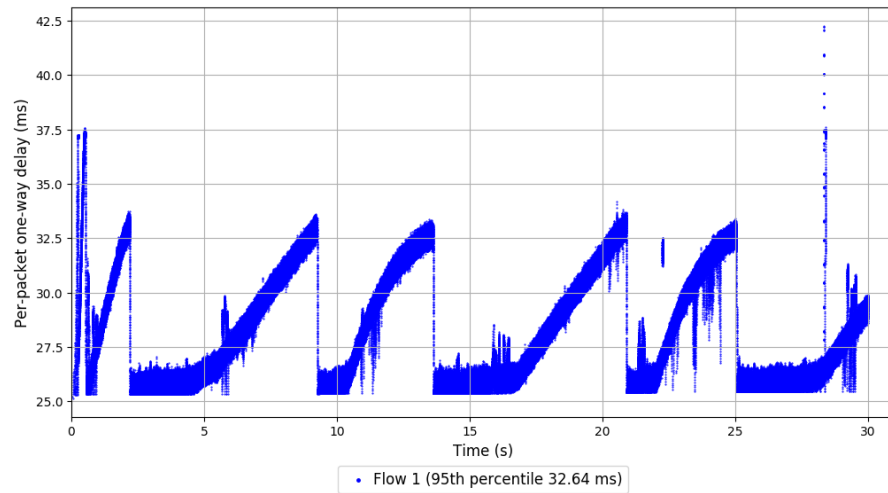
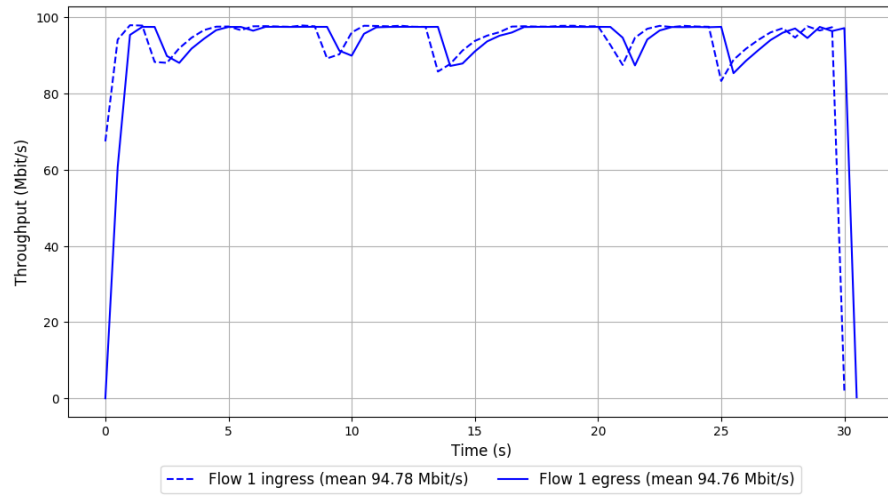
-- Flow 1:

Average throughput: 94.76 Mbit/s

95th percentile per-packet one-way delay: 32.641 ms

Loss rate: 0.13%

Run 10: Report of TCP Cubic — Data Link

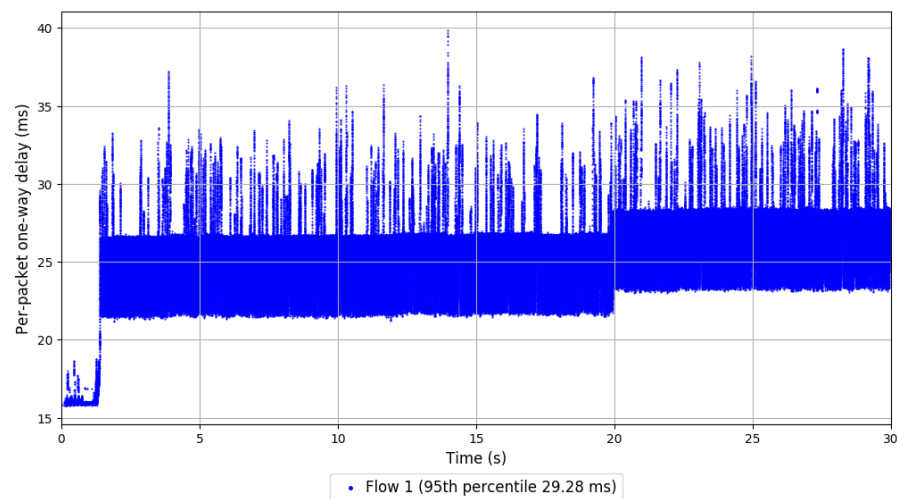
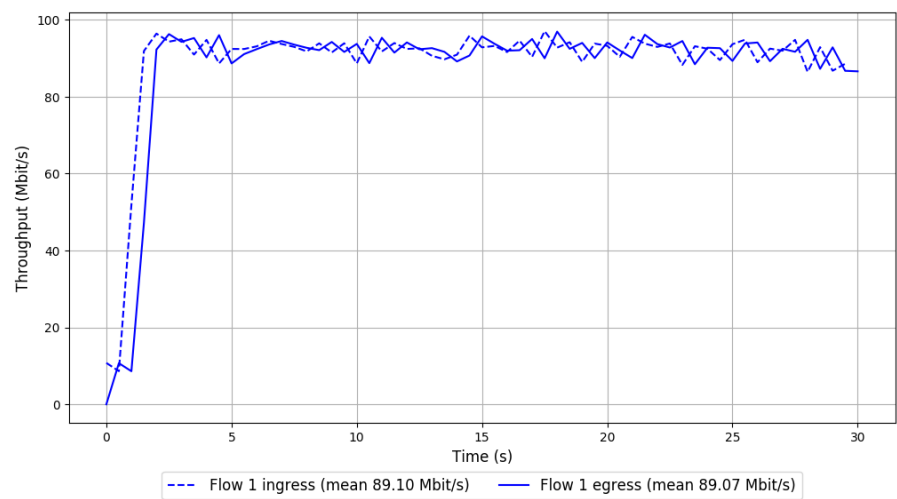


Run 1: Statistics of FillP

Start at: 2018-08-01 16:20:09
End at: 2018-08-01 16:20:39
Local clock offset: 3.592 ms
Remote clock offset: -9.356 ms

Below is generated by plot.py at 2018-08-01 19:43:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.07 Mbit/s
95th percentile per-packet one-way delay: 29.282 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 89.07 Mbit/s
95th percentile per-packet one-way delay: 29.282 ms
Loss rate: 0.12%

Run 1: Report of FillP — Data Link

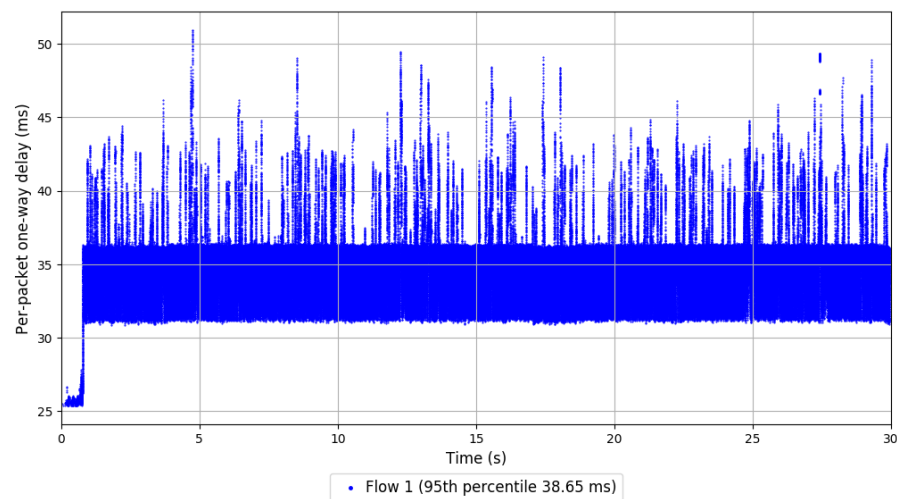
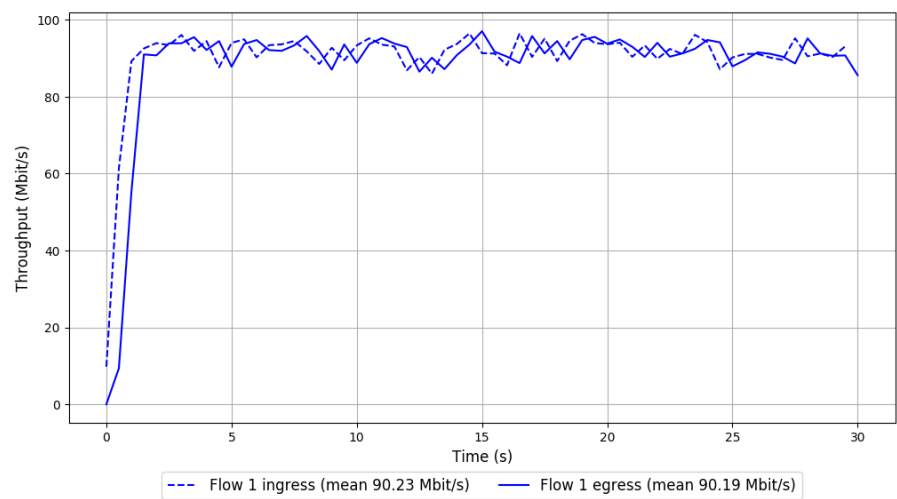


Run 2: Statistics of FillP

Start at: 2018-08-01 16:40:07
End at: 2018-08-01 16:40:37
Local clock offset: 3.201 ms
Remote clock offset: -6.972 ms

Below is generated by plot.py at 2018-08-01 19:43:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.19 Mbit/s
95th percentile per-packet one-way delay: 38.645 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 90.19 Mbit/s
95th percentile per-packet one-way delay: 38.645 ms
Loss rate: 0.26%

Run 2: Report of FillP — Data Link

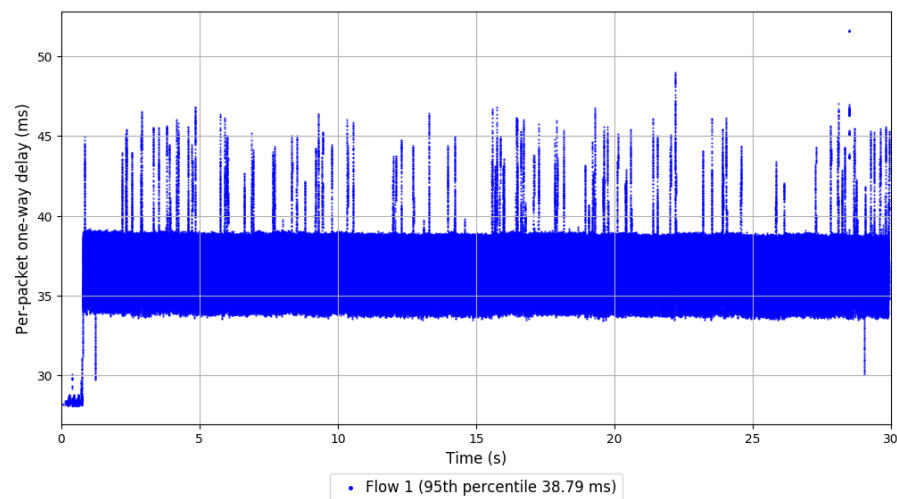
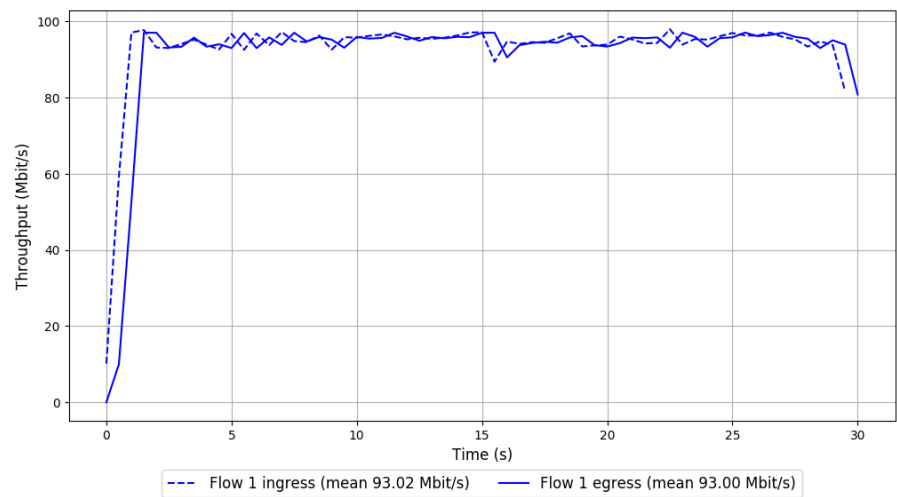


Run 3: Statistics of FillP

Start at: 2018-08-01 16:59:34
End at: 2018-08-01 17:00:04
Local clock offset: 4.061 ms
Remote clock offset: -12.126 ms

Below is generated by plot.py at 2018-08-01 19:43:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.00 Mbit/s
95th percentile per-packet one-way delay: 38.789 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 93.00 Mbit/s
95th percentile per-packet one-way delay: 38.789 ms
Loss rate: 0.14%

Run 3: Report of FillP — Data Link

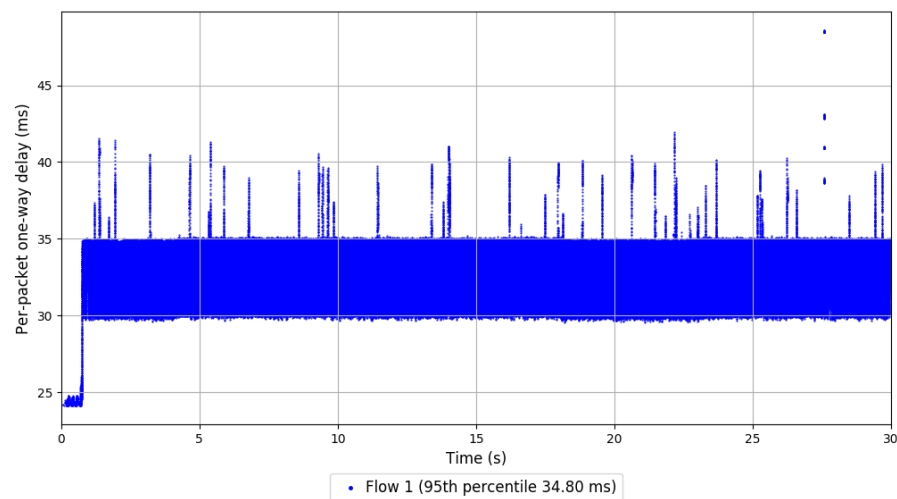
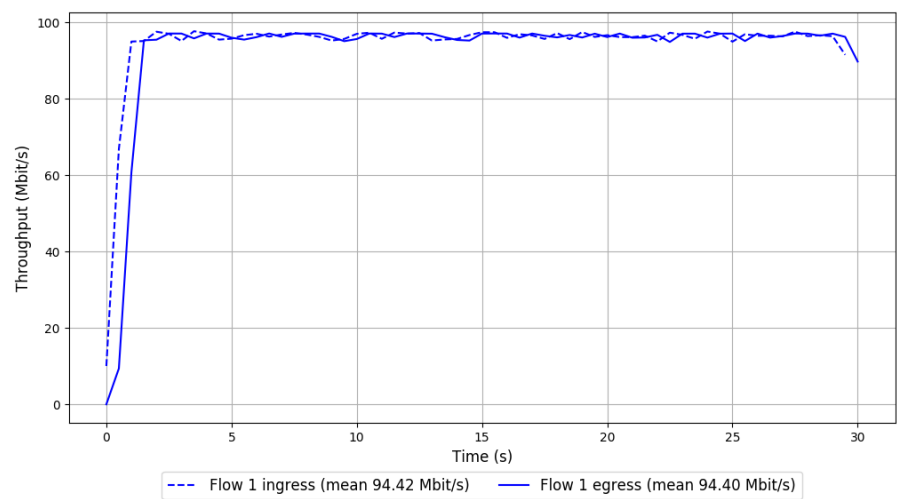


Run 4: Statistics of FillP

Start at: 2018-08-01 17:19:17
End at: 2018-08-01 17:19:47
Local clock offset: 0.524 ms
Remote clock offset: -15.717 ms

Below is generated by plot.py at 2018-08-01 19:43:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.40 Mbit/s
95th percentile per-packet one-way delay: 34.798 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 94.40 Mbit/s
95th percentile per-packet one-way delay: 34.798 ms
Loss rate: 0.14%

Run 4: Report of FillP — Data Link

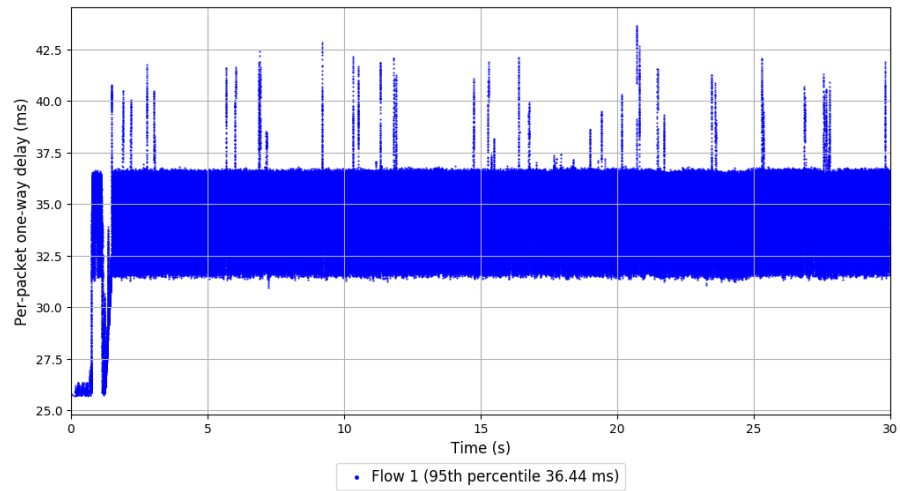
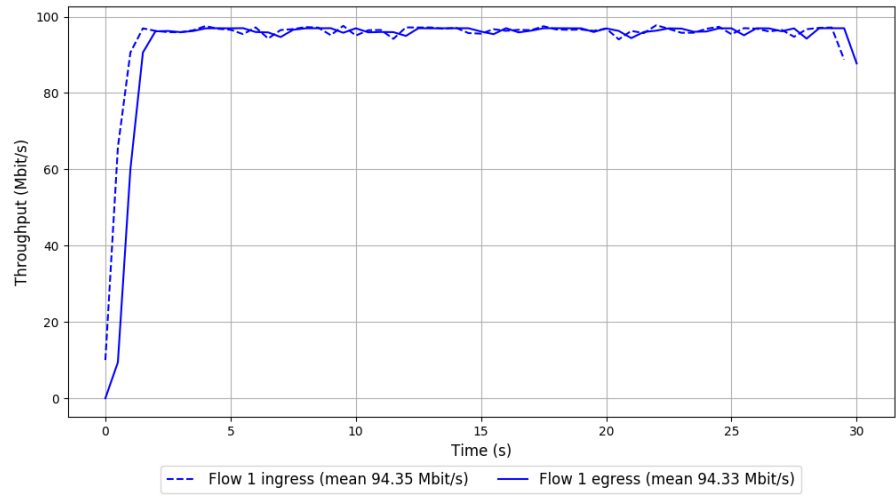


Run 5: Statistics of FillP

Start at: 2018-08-01 17:38:50
End at: 2018-08-01 17:39:20
Local clock offset: 2.773 ms
Remote clock offset: -13.046 ms

Below is generated by plot.py at 2018-08-01 19:43:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.33 Mbit/s
95th percentile per-packet one-way delay: 36.443 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 94.33 Mbit/s
95th percentile per-packet one-way delay: 36.443 ms
Loss rate: 0.14%

Run 5: Report of FillP — Data Link

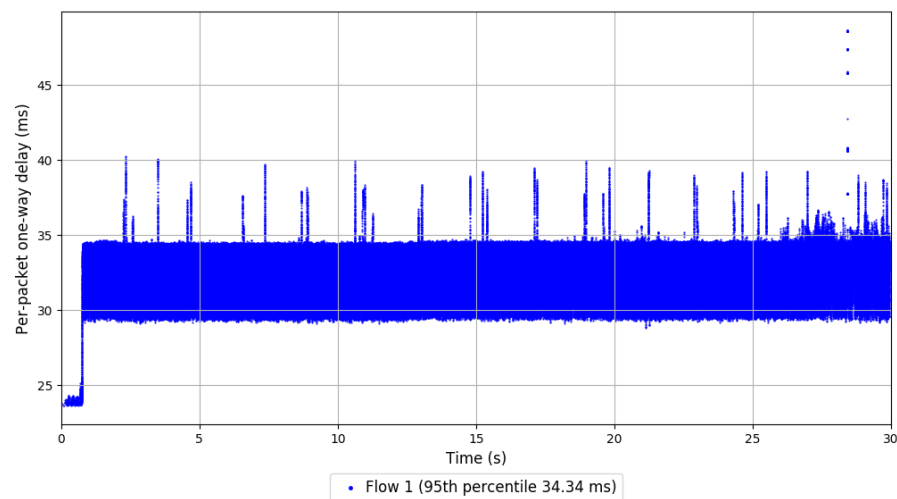
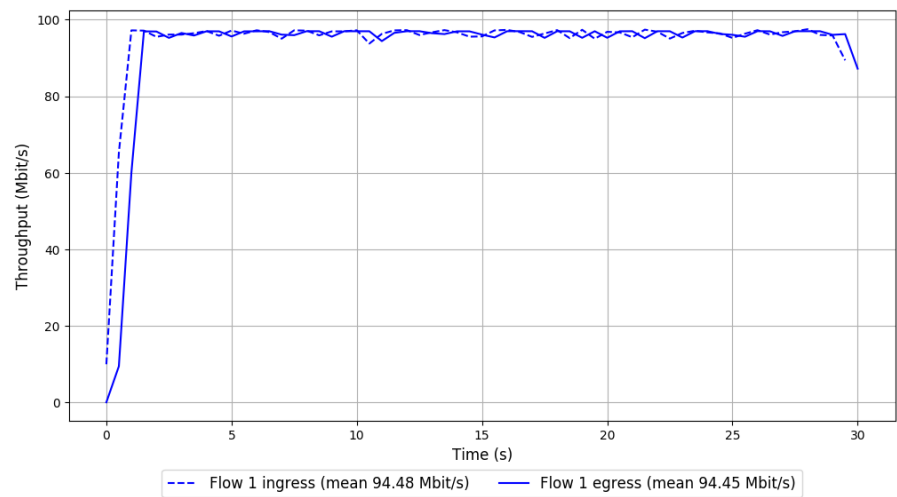


Run 6: Statistics of FillP

Start at: 2018-08-01 17:58:35
End at: 2018-08-01 17:59:05
Local clock offset: 0.273 ms
Remote clock offset: -13.35 ms

Below is generated by plot.py at 2018-08-01 19:43:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.45 Mbit/s
95th percentile per-packet one-way delay: 34.340 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 94.45 Mbit/s
95th percentile per-packet one-way delay: 34.340 ms
Loss rate: 0.15%

Run 6: Report of FillP — Data Link

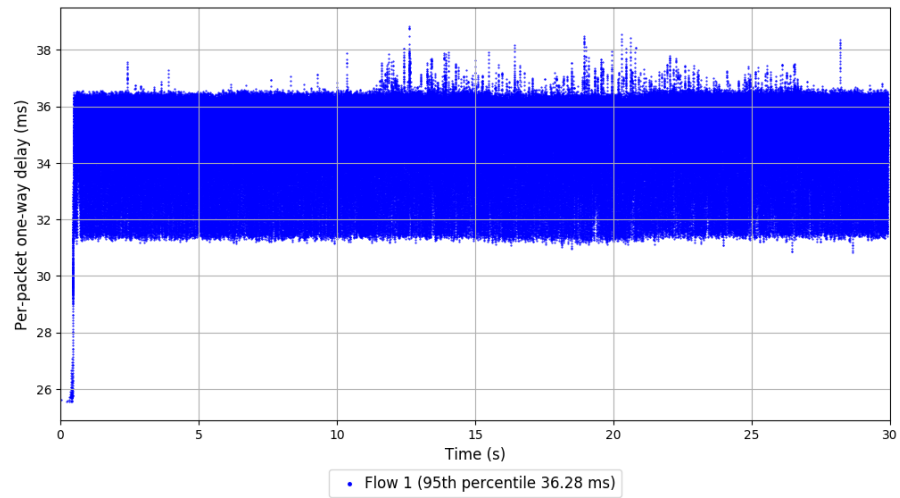
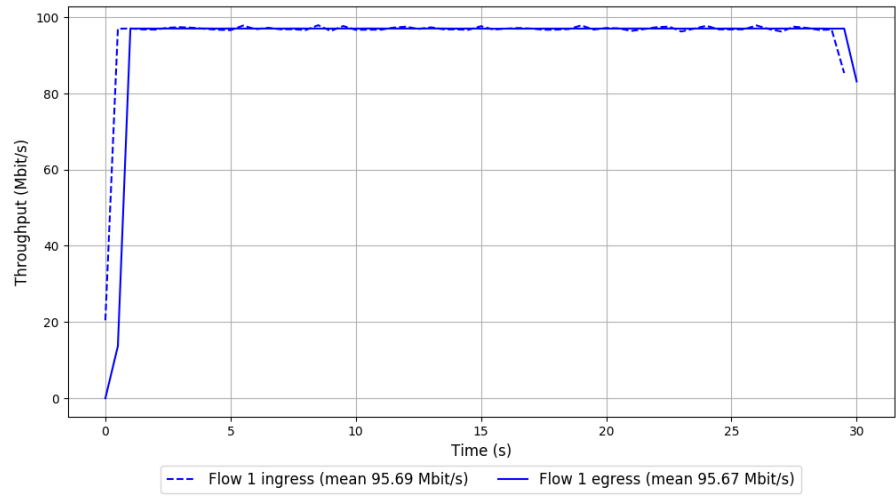


Run 7: Statistics of FillP

Start at: 2018-08-01 18:18:18
End at: 2018-08-01 18:18:48
Local clock offset: 0.981 ms
Remote clock offset: -9.727 ms

Below is generated by plot.py at 2018-08-01 19:43:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 36.278 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 95.67 Mbit/s
95th percentile per-packet one-way delay: 36.278 ms
Loss rate: 0.15%

Run 7: Report of FillP — Data Link

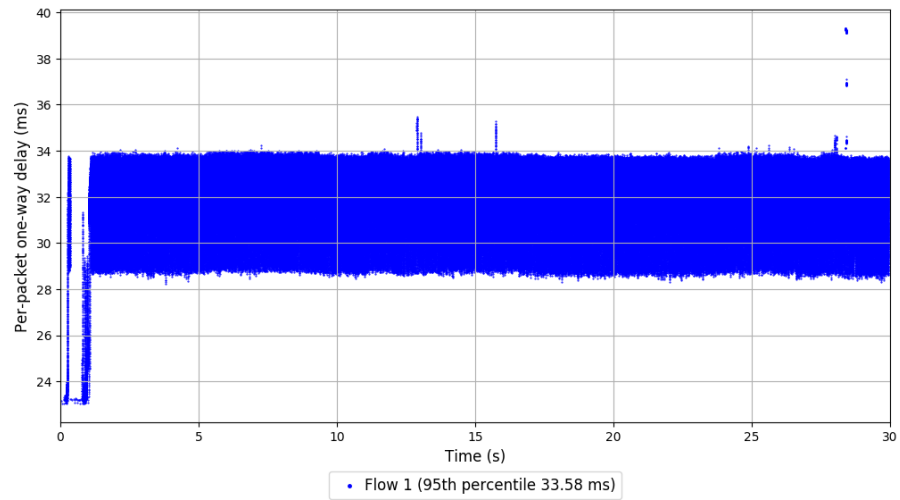
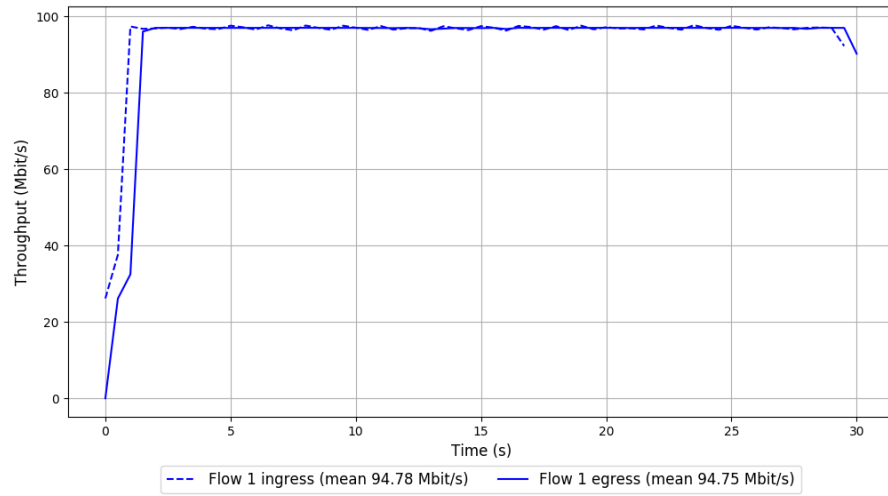


Run 8: Statistics of FillP

Start at: 2018-08-01 18:38:14
End at: 2018-08-01 18:38:44
Local clock offset: -0.308 ms
Remote clock offset: -8.703 ms

Below is generated by plot.py at 2018-08-01 19:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.75 Mbit/s
95th percentile per-packet one-way delay: 33.578 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 94.75 Mbit/s
95th percentile per-packet one-way delay: 33.578 ms
Loss rate: 0.14%

Run 8: Report of FillP — Data Link

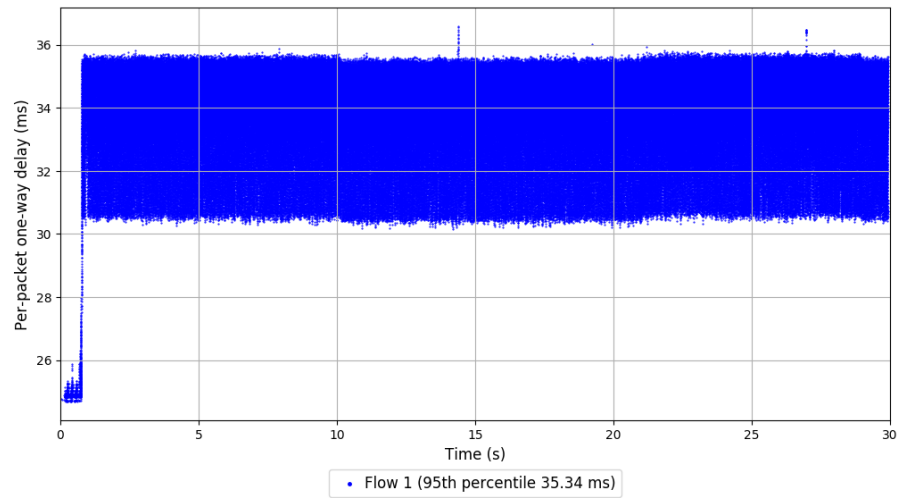
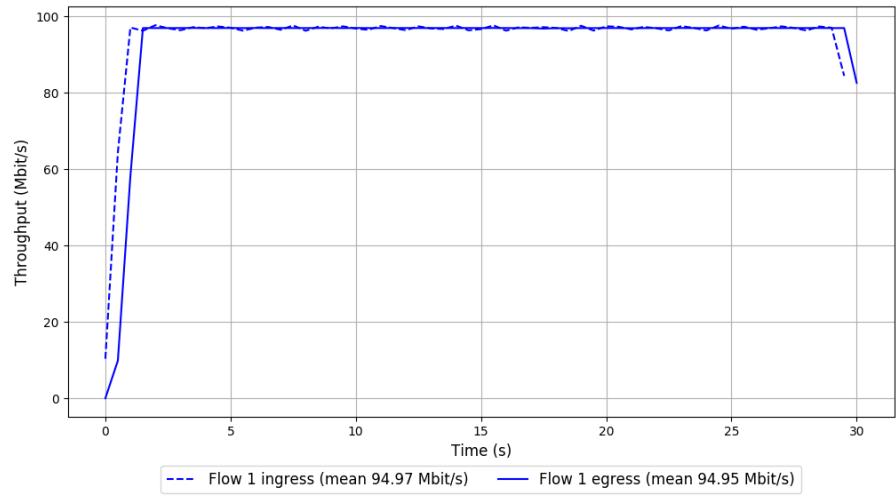


Run 9: Statistics of FillP

Start at: 2018-08-01 18:57:49
End at: 2018-08-01 18:58:19
Local clock offset: 1.615 ms
Remote clock offset: -9.541 ms

Below is generated by plot.py at 2018-08-01 19:44:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 35.345 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 35.345 ms
Loss rate: 0.15%

Run 9: Report of FillP — Data Link

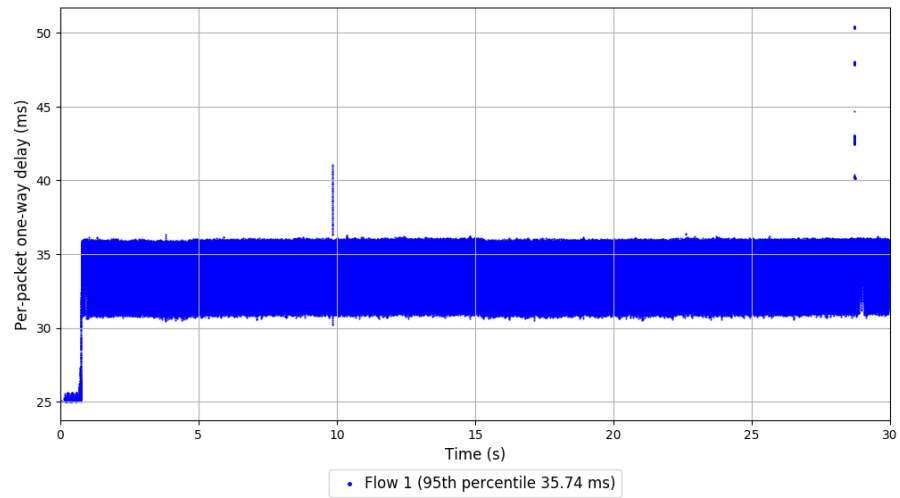
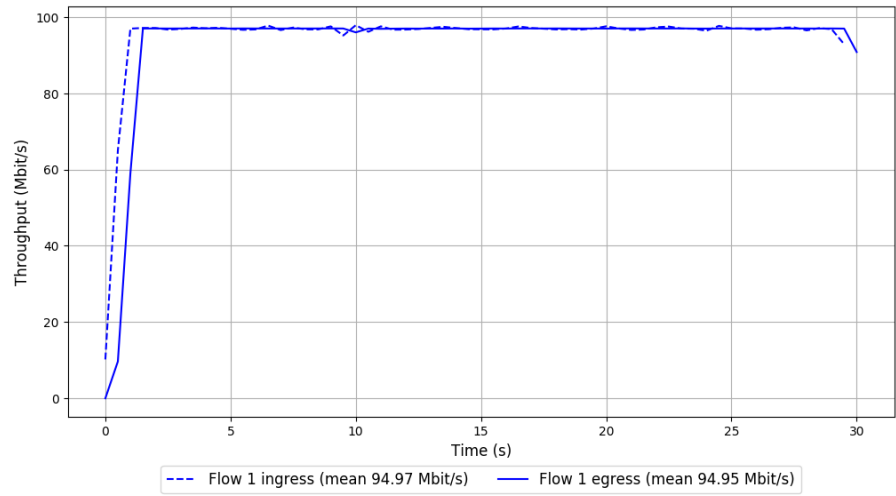


Run 10: Statistics of FillP

Start at: 2018-08-01 19:17:34
End at: 2018-08-01 19:18:04
Local clock offset: -0.564 ms
Remote clock offset: -6.159 ms

Below is generated by plot.py at 2018-08-01 19:44:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 35.737 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 35.737 ms
Loss rate: 0.15%

Run 10: Report of FillP — Data Link

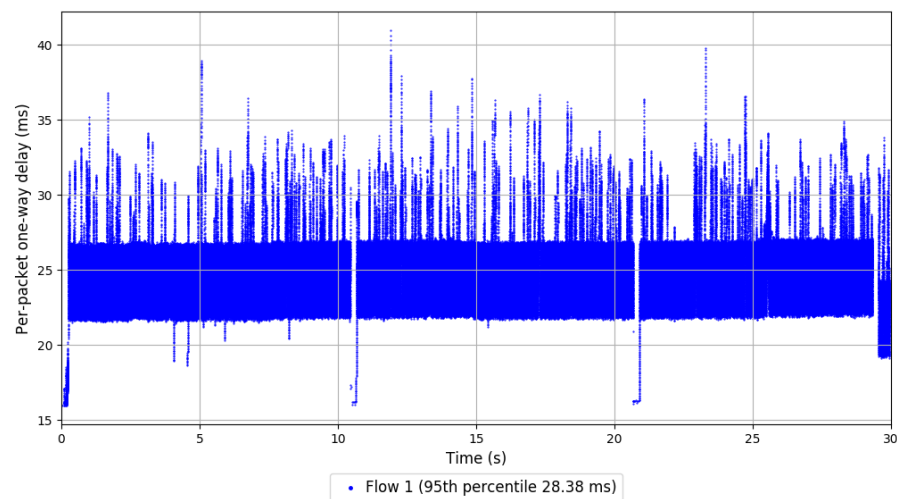
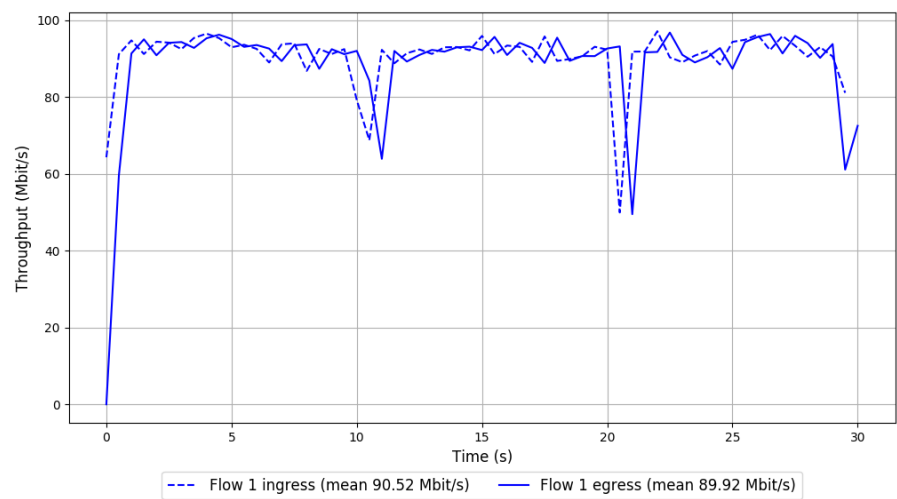


Run 1: Statistics of FillP-Sheep

Start at: 2018-08-01 16:21:17
End at: 2018-08-01 16:21:47
Local clock offset: 1.179 ms
Remote clock offset: -9.863 ms

Below is generated by plot.py at 2018-08-01 19:44:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.92 Mbit/s
95th percentile per-packet one-way delay: 28.378 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 89.92 Mbit/s
95th percentile per-packet one-way delay: 28.378 ms
Loss rate: 0.77%

Run 1: Report of FillP-Sheep — Data Link

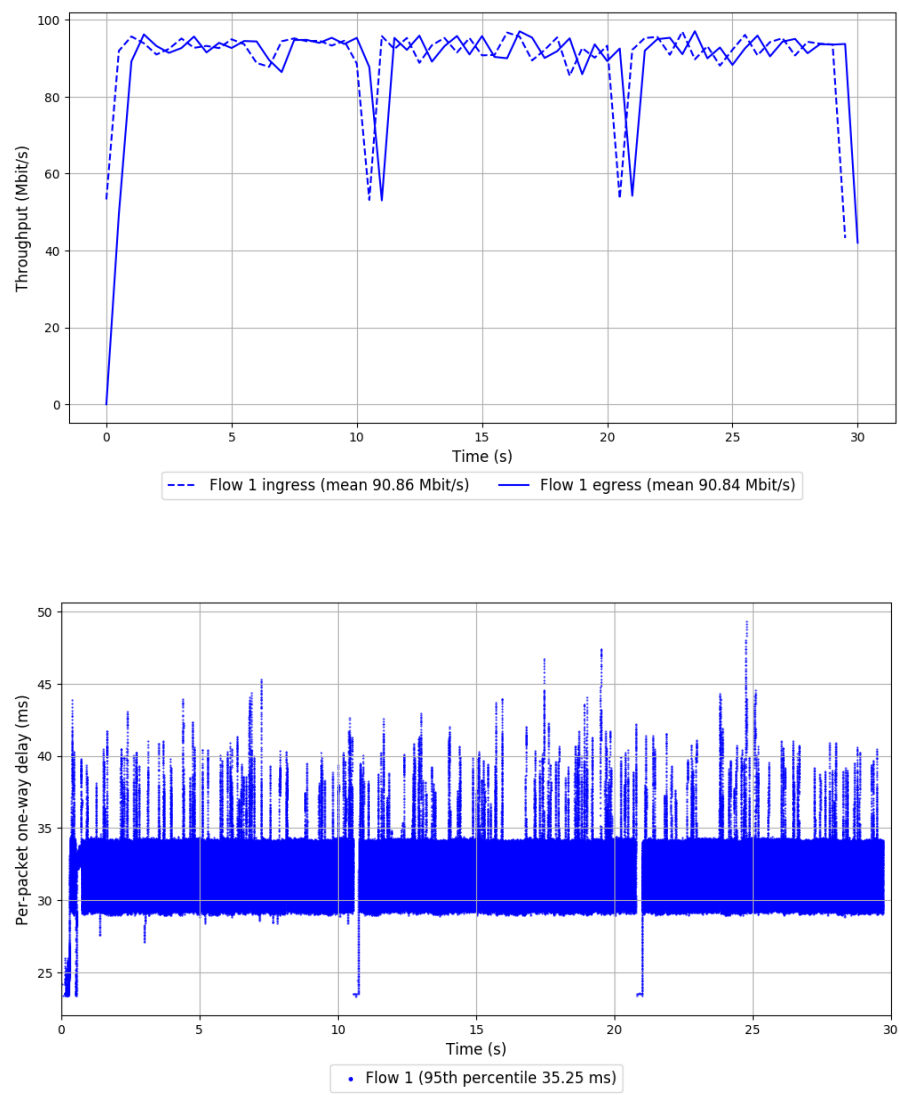


Run 2: Statistics of FillP-Sheep

Start at: 2018-08-01 16:41:16
End at: 2018-08-01 16:41:46
Local clock offset: 2.436 ms
Remote clock offset: -5.672 ms

Below is generated by plot.py at 2018-08-01 19:44:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.84 Mbit/s
95th percentile per-packet one-way delay: 35.246 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 90.84 Mbit/s
95th percentile per-packet one-way delay: 35.246 ms
Loss rate: 0.15%

Run 2: Report of FillP-Sheep — Data Link



Run 3: Statistics of FillP-Sheep

Start at: 2018-08-01 17:00:45

End at: 2018-08-01 17:01:15

Local clock offset: 3.046 ms

Remote clock offset: -12.089 ms

Below is generated by plot.py at 2018-08-01 19:44:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.53 Mbit/s

95th percentile per-packet one-way delay: 37.344 ms

Loss rate: 0.15%

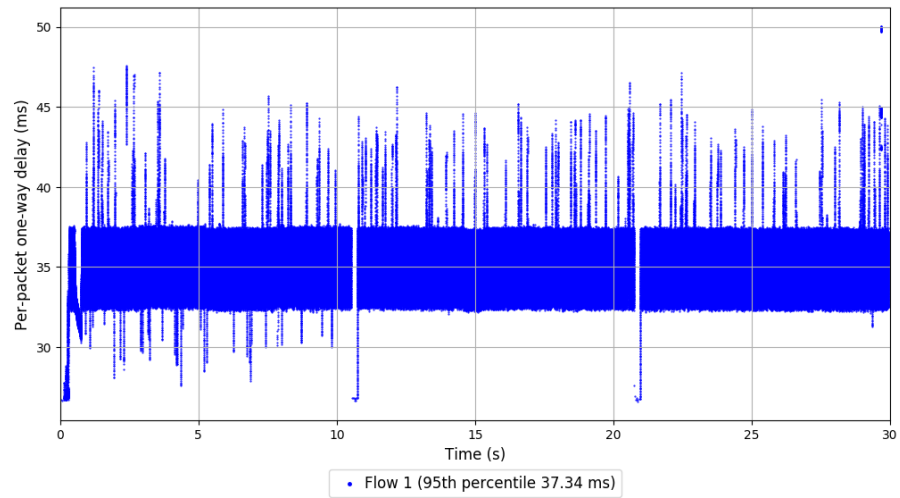
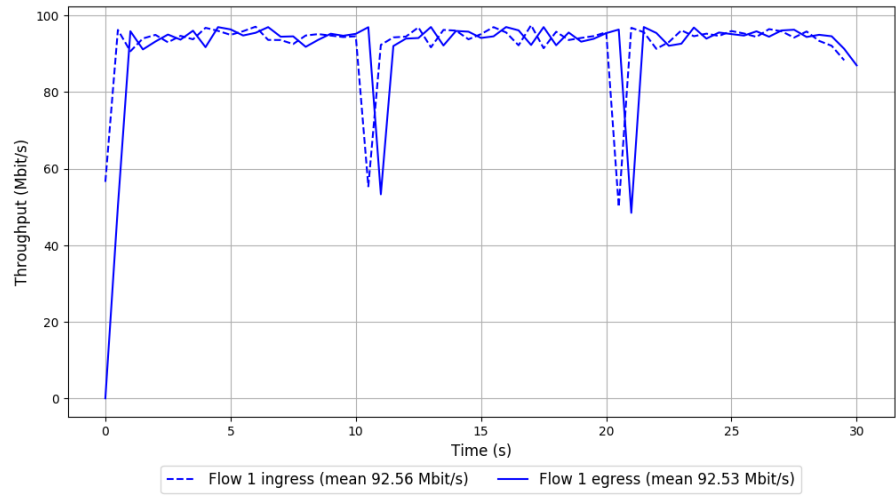
-- Flow 1:

Average throughput: 92.53 Mbit/s

95th percentile per-packet one-way delay: 37.344 ms

Loss rate: 0.15%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2018-08-01 17:20:25

End at: 2018-08-01 17:20:55

Local clock offset: 1.078 ms

Remote clock offset: -14.771 ms

Below is generated by plot.py at 2018-08-01 19:44:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.38 Mbit/s

95th percentile per-packet one-way delay: 34.211 ms

Loss rate: 0.15%

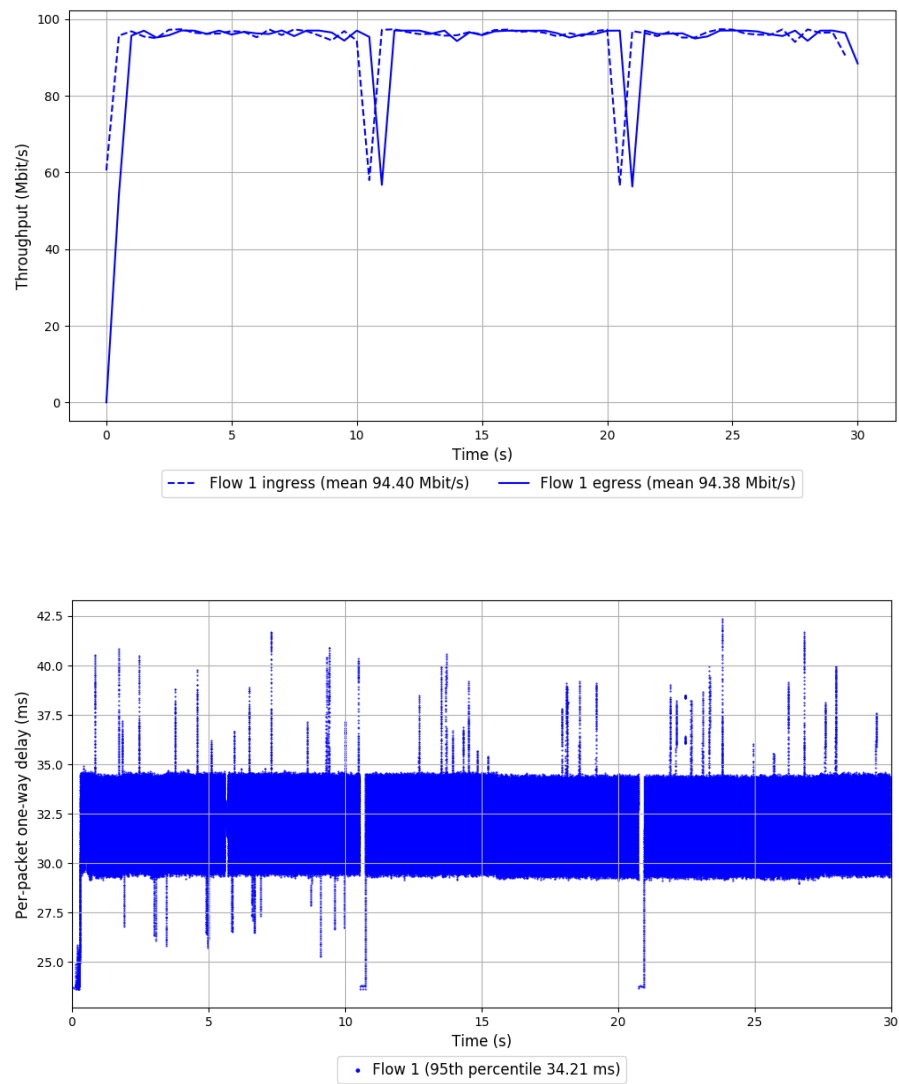
-- Flow 1:

Average throughput: 94.38 Mbit/s

95th percentile per-packet one-way delay: 34.211 ms

Loss rate: 0.15%

Run 4: Report of FillP-Sheep — Data Link



Run 5: Statistics of FillP-Sheep

Start at: 2018-08-01 17:39:59

End at: 2018-08-01 17:40:29

Local clock offset: 2.132 ms

Remote clock offset: -14.842 ms

Below is generated by plot.py at 2018-08-01 19:44:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.90 Mbit/s

95th percentile per-packet one-way delay: 37.540 ms

Loss rate: 0.15%

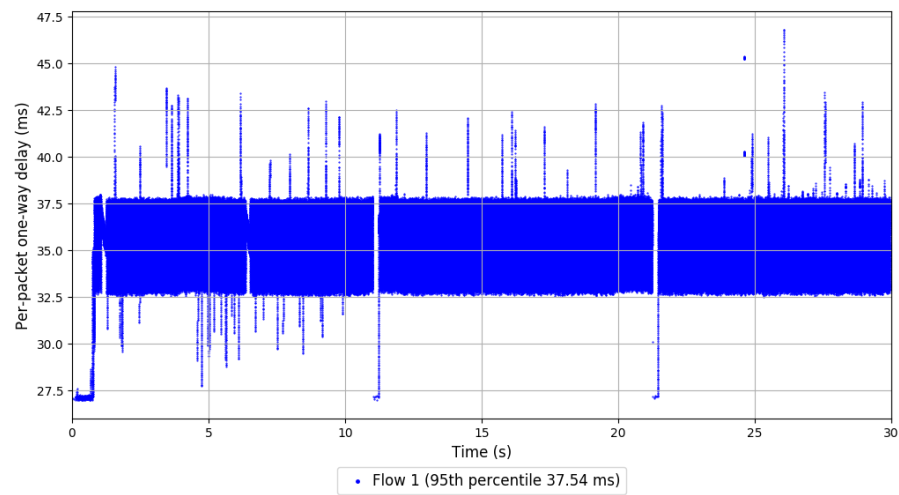
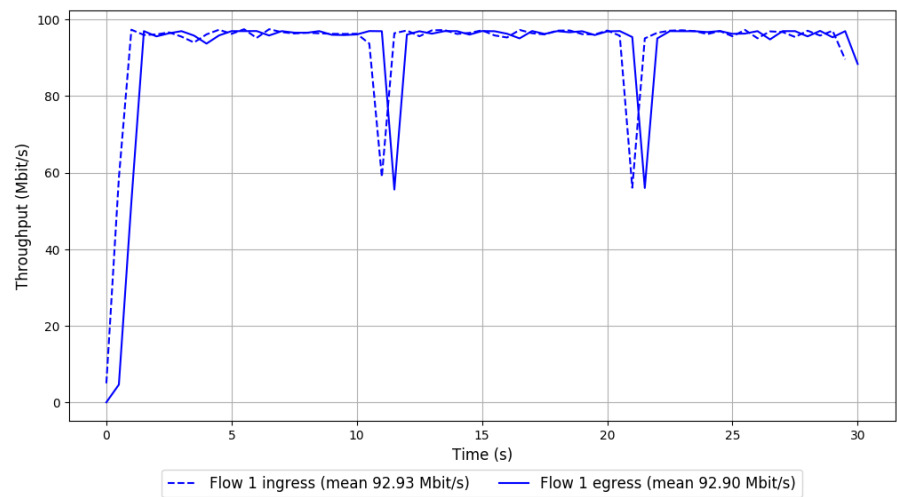
-- Flow 1:

Average throughput: 92.90 Mbit/s

95th percentile per-packet one-way delay: 37.540 ms

Loss rate: 0.15%

Run 5: Report of FillP-Sheep — Data Link



Run 6: Statistics of FillP-Sheep

Start at: 2018-08-01 17:59:50

End at: 2018-08-01 18:00:20

Local clock offset: 1.347 ms

Remote clock offset: -12.218 ms

Below is generated by plot.py at 2018-08-01 19:45:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.45 Mbit/s

95th percentile per-packet one-way delay: 34.126 ms

Loss rate: 0.14%

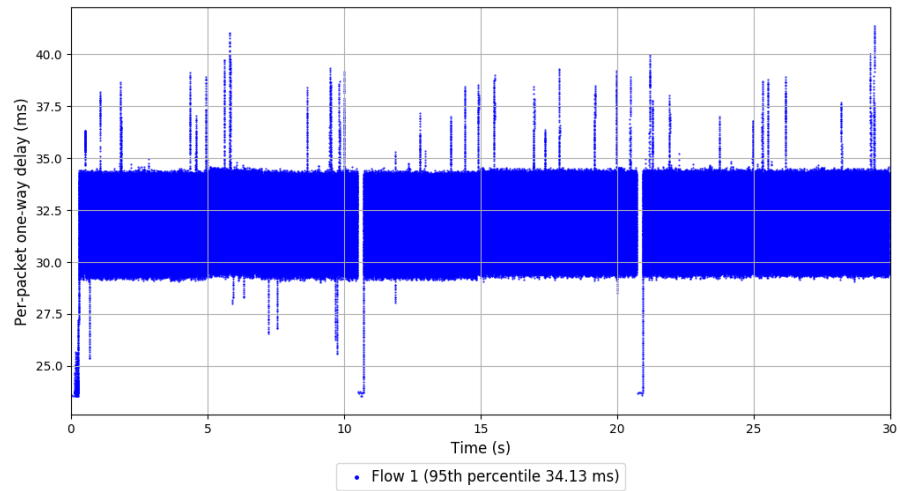
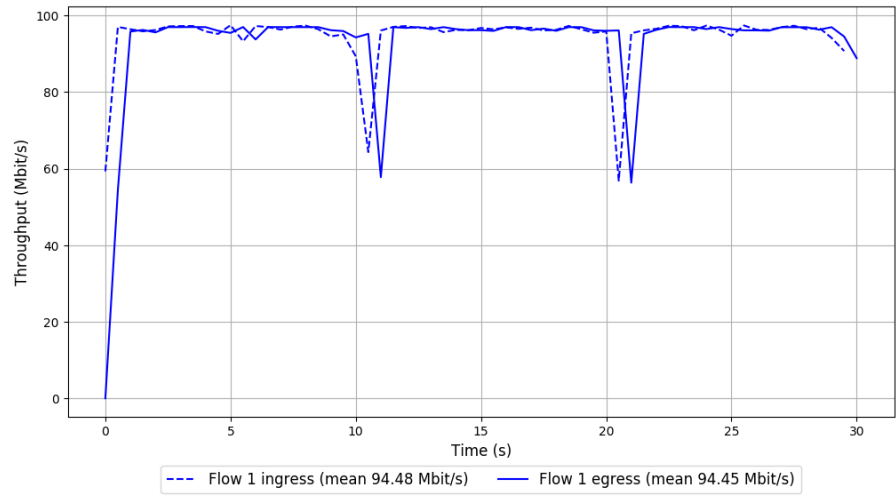
-- Flow 1:

Average throughput: 94.45 Mbit/s

95th percentile per-packet one-way delay: 34.126 ms

Loss rate: 0.14%

Run 6: Report of FillP-Sheep — Data Link



Run 7: Statistics of FillP-Sheep

Start at: 2018-08-01 18:19:26

End at: 2018-08-01 18:19:56

Local clock offset: 2.135 ms

Remote clock offset: -7.95 ms

Below is generated by plot.py at 2018-08-01 19:45:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.75 Mbit/s

95th percentile per-packet one-way delay: 35.693 ms

Loss rate: 0.14%

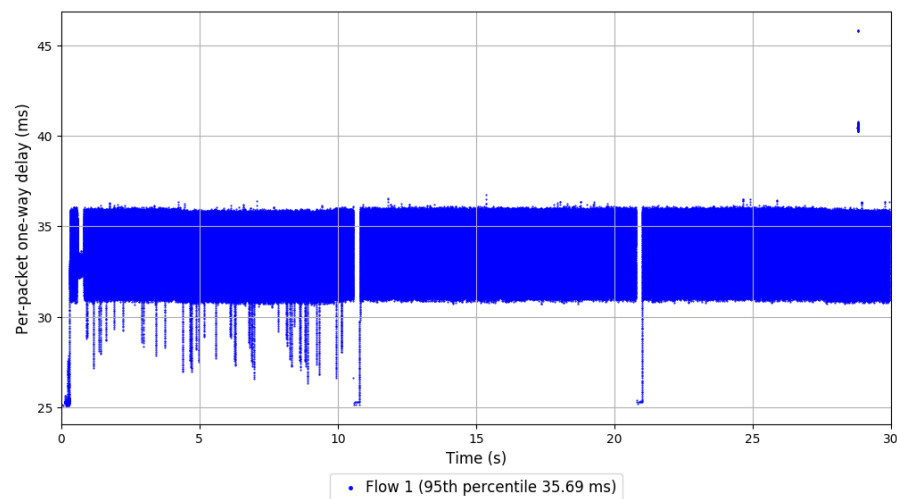
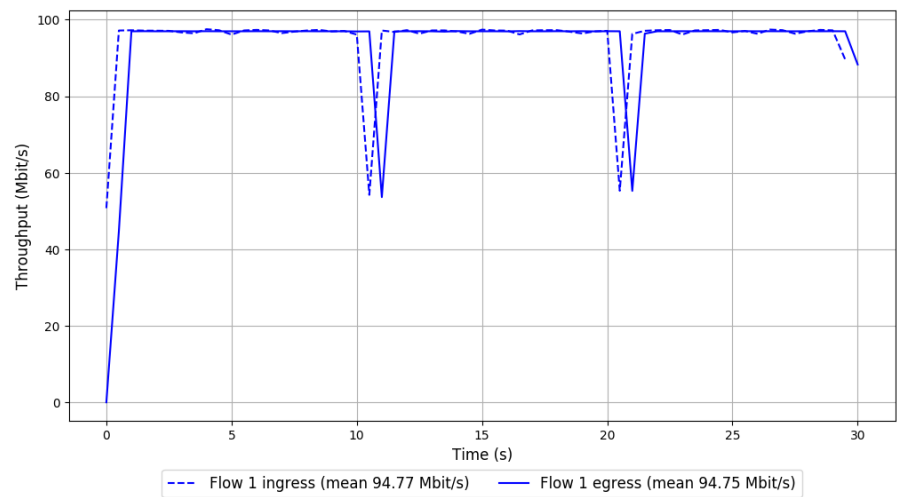
-- Flow 1:

Average throughput: 94.75 Mbit/s

95th percentile per-packet one-way delay: 35.693 ms

Loss rate: 0.14%

Run 7: Report of FillP-Sheep — Data Link

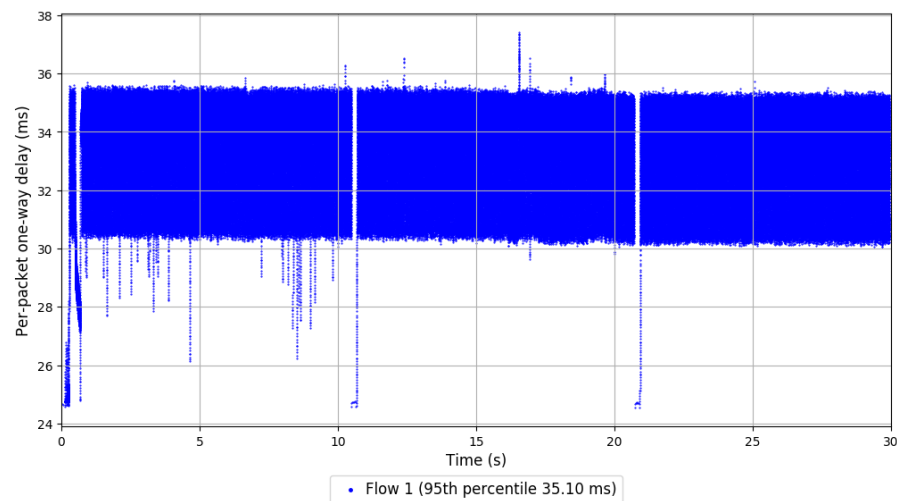
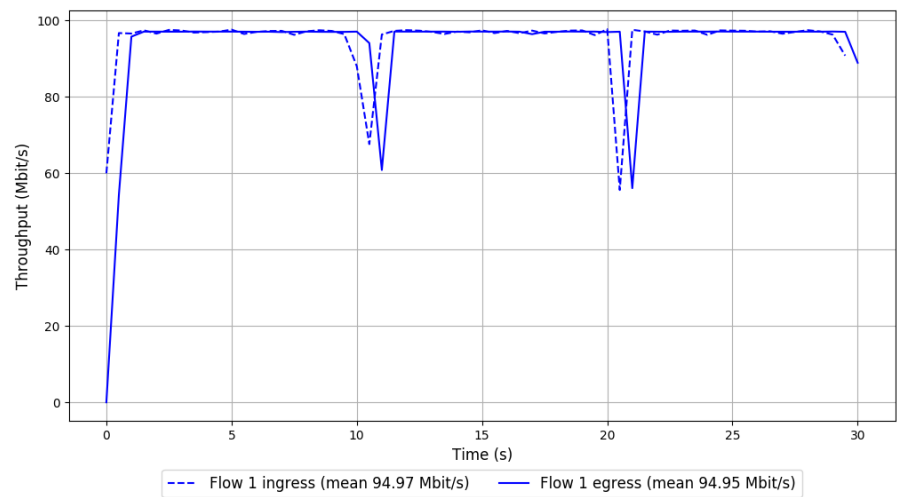


Run 8: Statistics of FillP-Sheep

Start at: 2018-08-01 18:39:22
End at: 2018-08-01 18:39:52
Local clock offset: 2.12 ms
Remote clock offset: -8.178 ms

Below is generated by plot.py at 2018-08-01 19:45:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 35.103 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 94.95 Mbit/s
95th percentile per-packet one-way delay: 35.103 ms
Loss rate: 0.14%

Run 8: Report of FillP-Sheep — Data Link

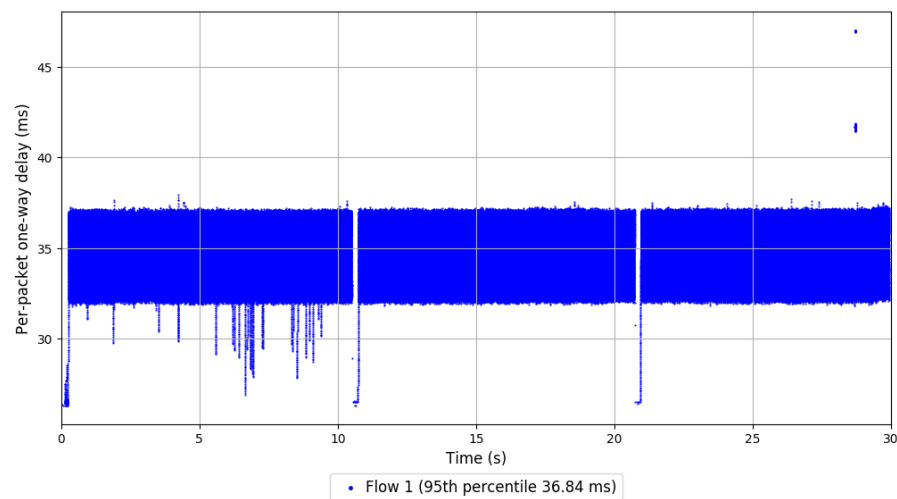
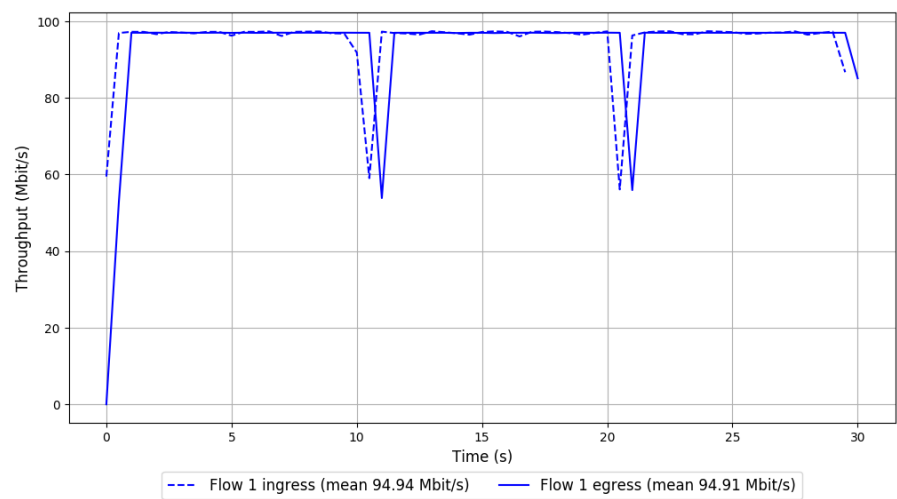


Run 9: Statistics of FillP-Sheep

Start at: 2018-08-01 18:58:57
End at: 2018-08-01 18:59:27
Local clock offset: 0.297 ms
Remote clock offset: -12.32 ms

Below is generated by plot.py at 2018-08-01 19:46:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.91 Mbit/s
95th percentile per-packet one-way delay: 36.838 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 94.91 Mbit/s
95th percentile per-packet one-way delay: 36.838 ms
Loss rate: 0.15%

Run 9: Report of FillP-Sheep — Data Link

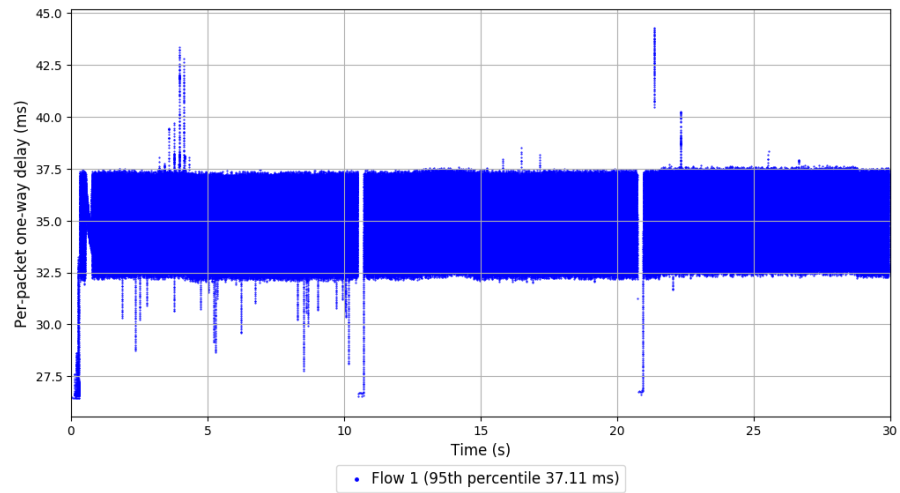
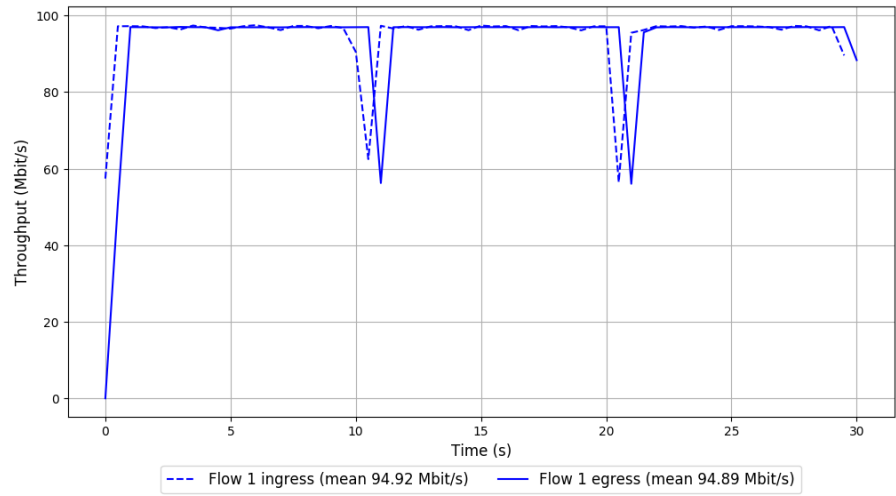


Run 10: Statistics of FillP-Sheep

Start at: 2018-08-01 19:18:43
End at: 2018-08-01 19:19:13
Local clock offset: -0.13 ms
Remote clock offset: -6.669 ms

Below is generated by plot.py at 2018-08-01 19:46:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 37.110 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 94.89 Mbit/s
95th percentile per-packet one-way delay: 37.110 ms
Loss rate: 0.15%

Run 10: Report of FillP-Sheep — Data Link



Run 1: Statistics of Indigo

Start at: 2018-08-01 16:27:03

End at: 2018-08-01 16:27:33

Local clock offset: 1.257 ms

Remote clock offset: -7.467 ms

Below is generated by plot.py at 2018-08-01 19:46:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.64 Mbit/s

95th percentile per-packet one-way delay: 22.595 ms

Loss rate: 0.11%

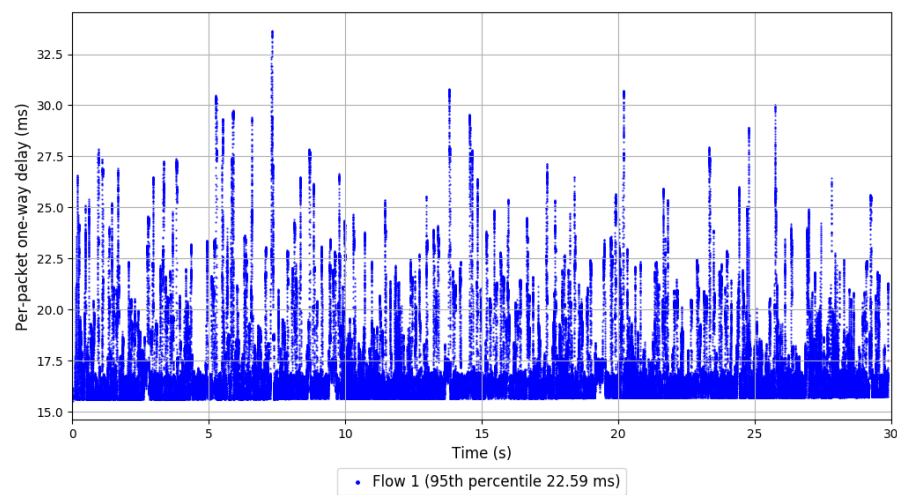
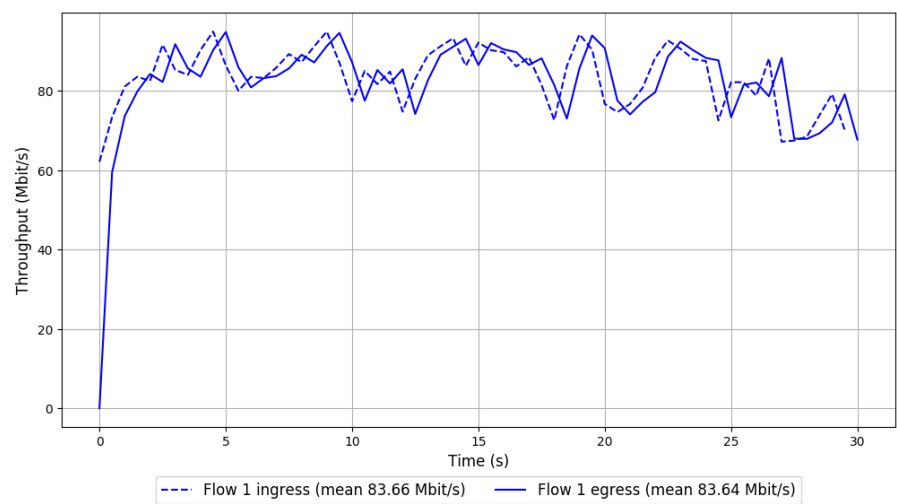
-- Flow 1:

Average throughput: 83.64 Mbit/s

95th percentile per-packet one-way delay: 22.595 ms

Loss rate: 0.11%

Run 1: Report of Indigo — Data Link

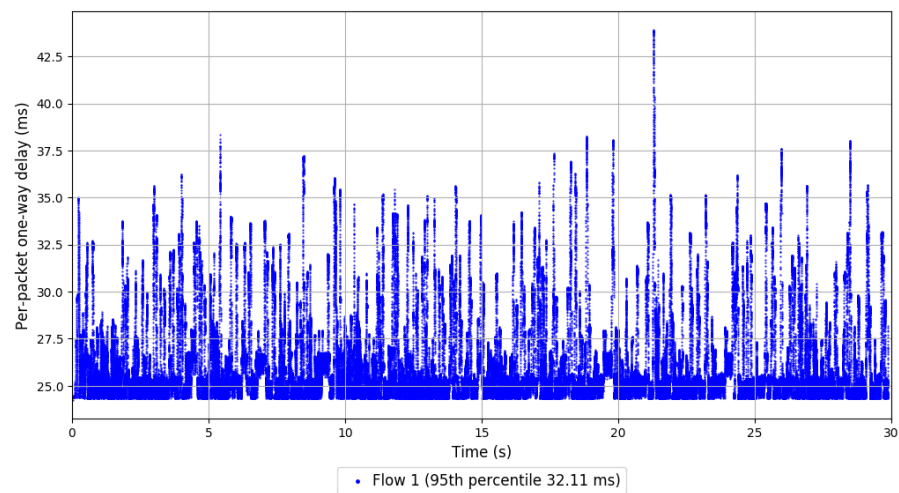
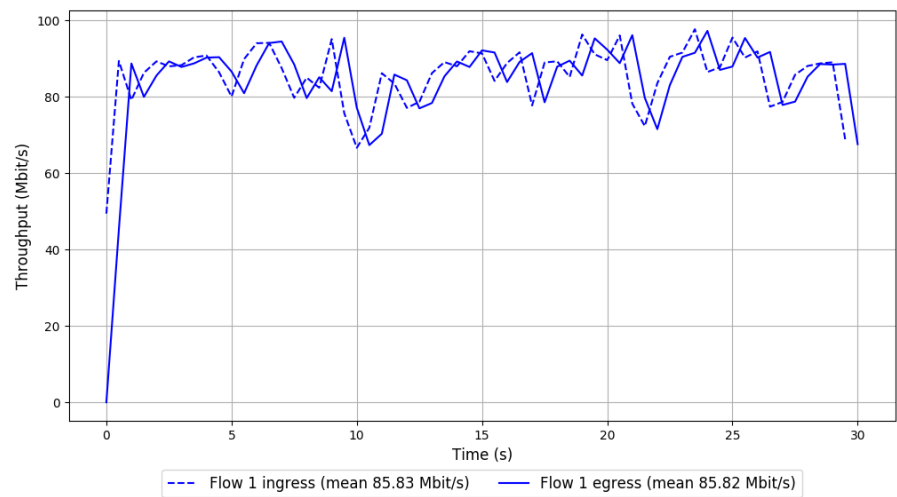


Run 2: Statistics of Indigo

Start at: 2018-08-01 16:46:49
End at: 2018-08-01 16:47:19
Local clock offset: 2.005 ms
Remote clock offset: -6.851 ms

Below is generated by plot.py at 2018-08-01 19:46:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.82 Mbit/s
95th percentile per-packet one-way delay: 32.113 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 85.82 Mbit/s
95th percentile per-packet one-way delay: 32.113 ms
Loss rate: 0.12%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2018-08-01 17:06:31

End at: 2018-08-01 17:07:01

Local clock offset: 1.246 ms

Remote clock offset: -15.256 ms

Below is generated by plot.py at 2018-08-01 19:46:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.29 Mbit/s

95th percentile per-packet one-way delay: 32.938 ms

Loss rate: 0.12%

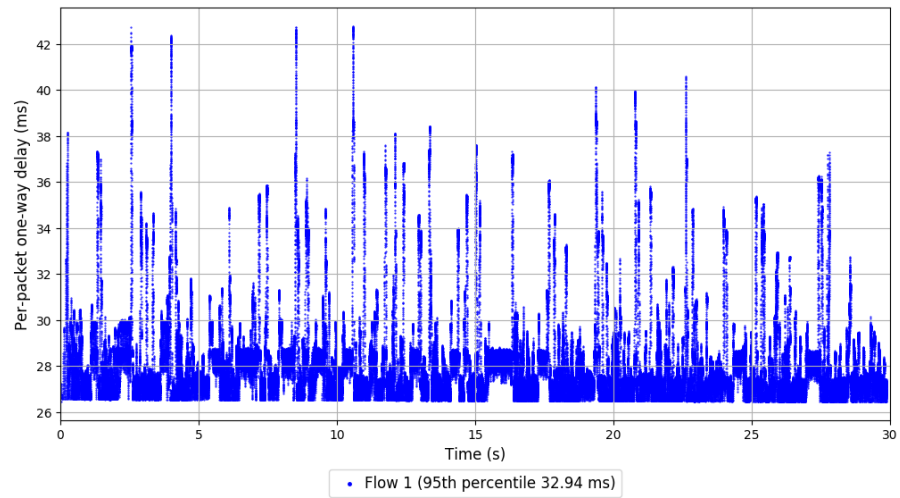
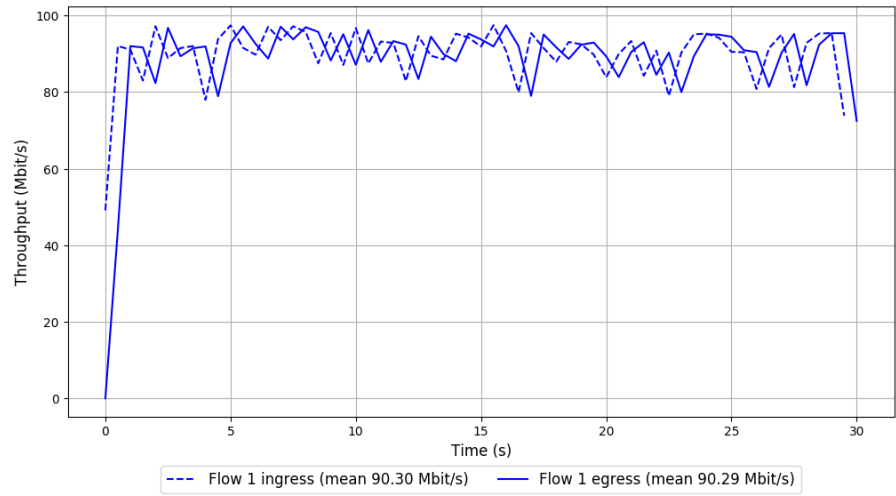
-- Flow 1:

Average throughput: 90.29 Mbit/s

95th percentile per-packet one-way delay: 32.938 ms

Loss rate: 0.12%

Run 3: Report of Indigo — Data Link

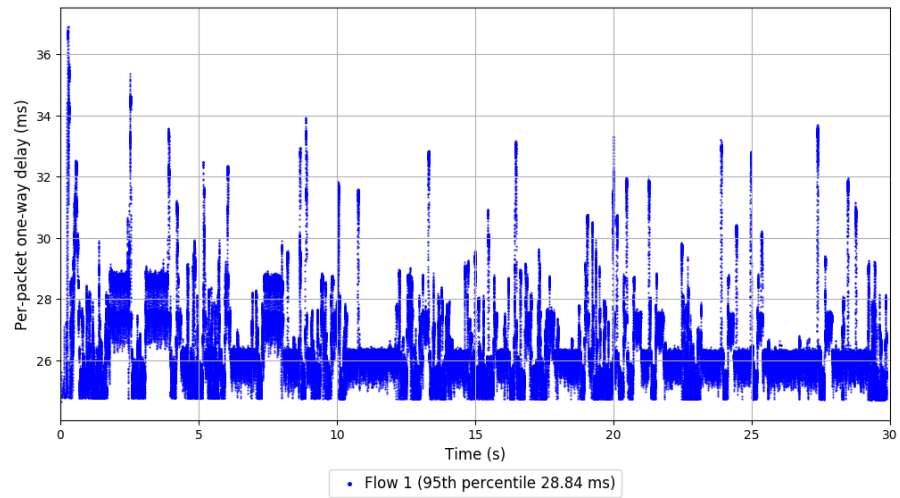
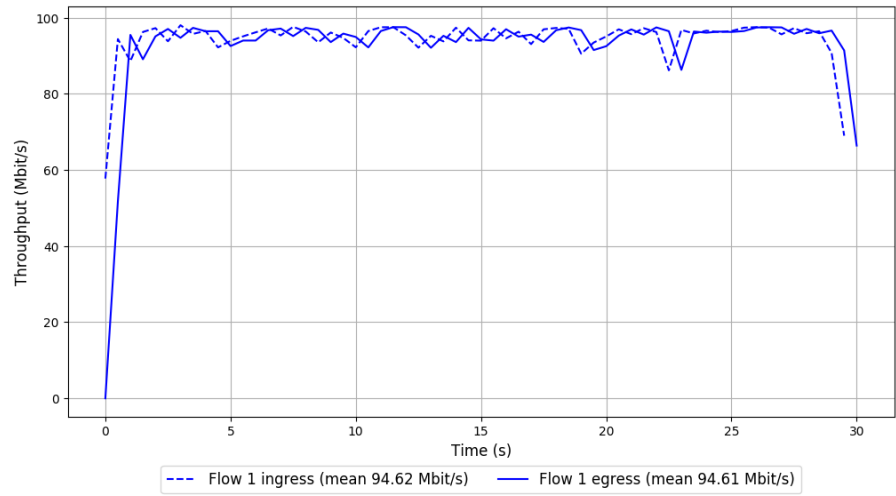


Run 4: Statistics of Indigo

Start at: 2018-08-01 17:26:01
End at: 2018-08-01 17:26:31
Local clock offset: 1.555 ms
Remote clock offset: -15.832 ms

Below is generated by plot.py at 2018-08-01 19:46:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.61 Mbit/s
95th percentile per-packet one-way delay: 28.843 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 94.61 Mbit/s
95th percentile per-packet one-way delay: 28.843 ms
Loss rate: 0.12%

Run 4: Report of Indigo — Data Link

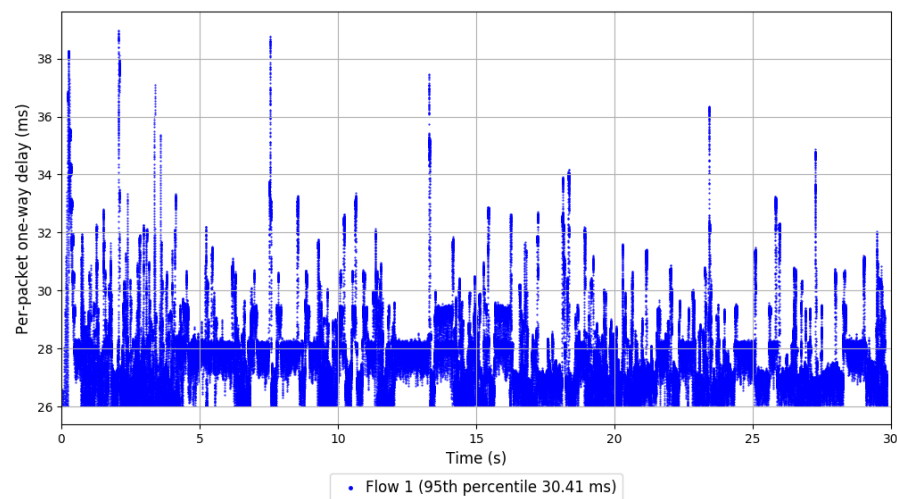
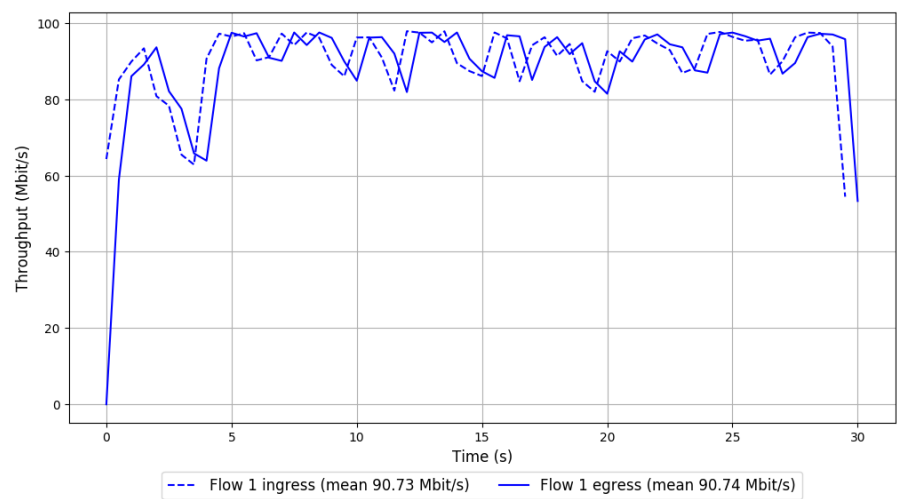


Run 5: Statistics of Indigo

Start at: 2018-08-01 17:45:46
End at: 2018-08-01 17:46:16
Local clock offset: 1.682 ms
Remote clock offset: -13.948 ms

Below is generated by plot.py at 2018-08-01 19:46:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.74 Mbit/s
95th percentile per-packet one-way delay: 30.411 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 90.74 Mbit/s
95th percentile per-packet one-way delay: 30.411 ms
Loss rate: 0.09%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2018-08-01 18:05:29

End at: 2018-08-01 18:05:59

Local clock offset: 2.958 ms

Remote clock offset: -12.073 ms

Below is generated by plot.py at 2018-08-01 19:47:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.12 Mbit/s

95th percentile per-packet one-way delay: 31.107 ms

Loss rate: 0.12%

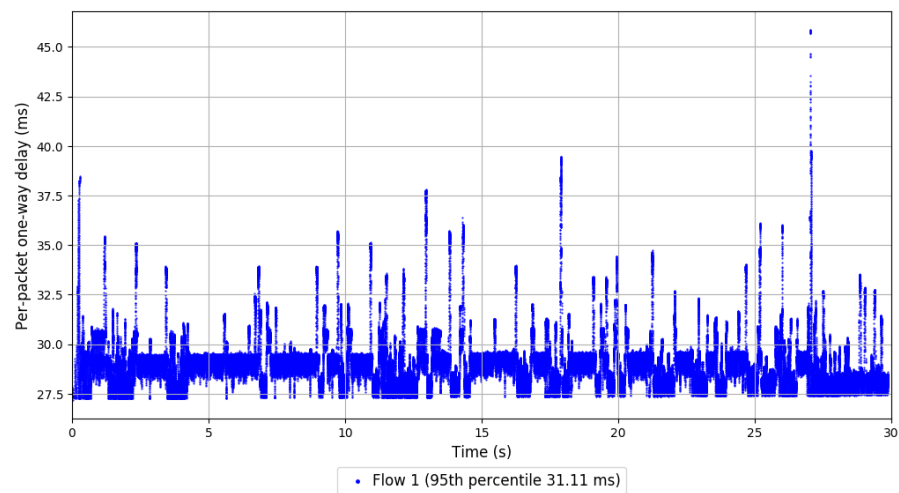
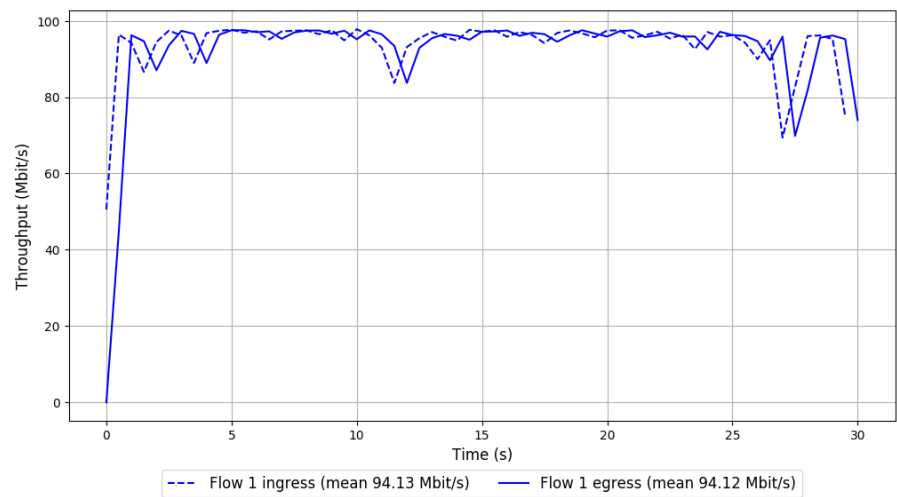
-- Flow 1:

Average throughput: 94.12 Mbit/s

95th percentile per-packet one-way delay: 31.107 ms

Loss rate: 0.12%

Run 6: Report of Indigo — Data Link

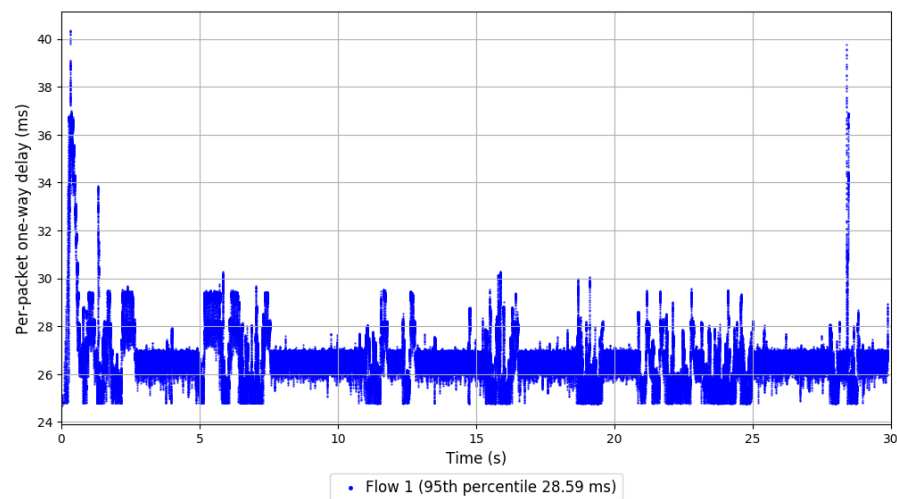
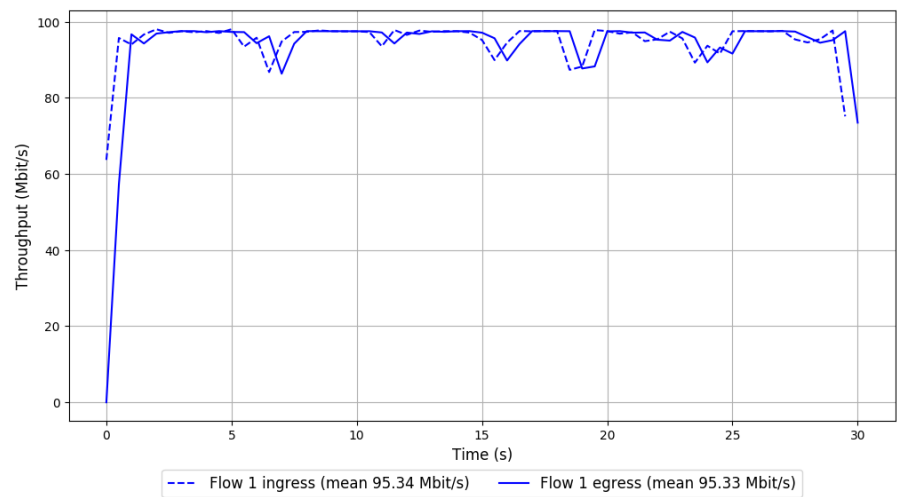


Run 7: Statistics of Indigo

Start at: 2018-08-01 18:25:20
End at: 2018-08-01 18:25:50
Local clock offset: 2.035 ms
Remote clock offset: -7.335 ms

Below is generated by plot.py at 2018-08-01 19:47:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.33 Mbit/s
95th percentile per-packet one-way delay: 28.590 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 95.33 Mbit/s
95th percentile per-packet one-way delay: 28.590 ms
Loss rate: 0.12%

Run 7: Report of Indigo — Data Link

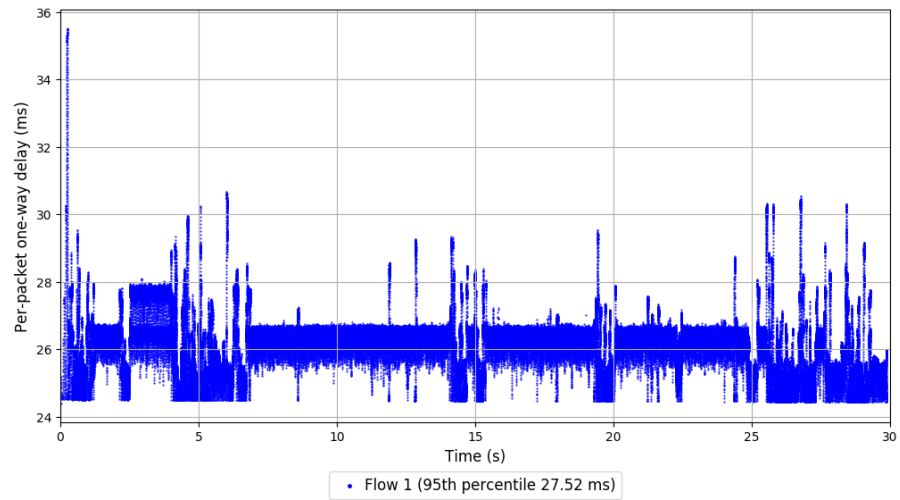
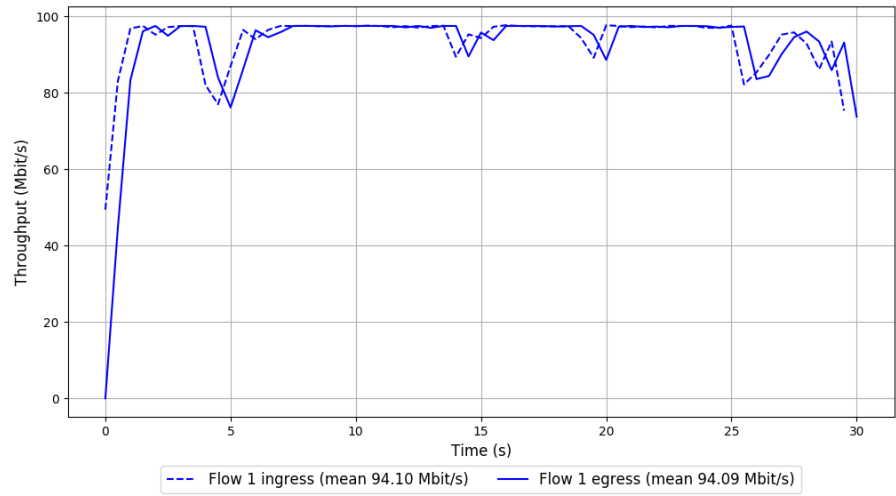


Run 8: Statistics of Indigo

Start at: 2018-08-01 18:45:00
End at: 2018-08-01 18:45:30
Local clock offset: 1.219 ms
Remote clock offset: -10.002 ms

Below is generated by plot.py at 2018-08-01 19:47:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.09 Mbit/s
95th percentile per-packet one-way delay: 27.523 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 94.09 Mbit/s
95th percentile per-packet one-way delay: 27.523 ms
Loss rate: 0.12%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2018-08-01 19:04:35

End at: 2018-08-01 19:05:05

Local clock offset: 0.814 ms

Remote clock offset: -11.678 ms

Below is generated by plot.py at 2018-08-01 19:47:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.75 Mbit/s

95th percentile per-packet one-way delay: 30.130 ms

Loss rate: 0.12%

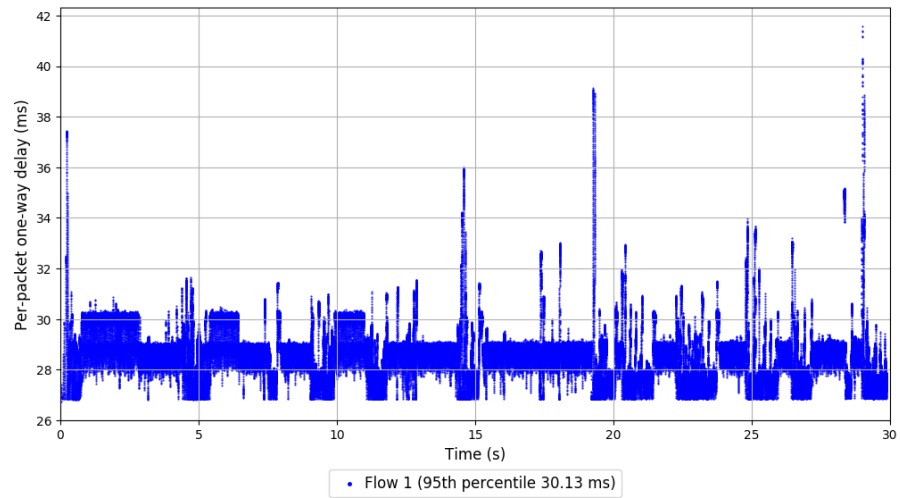
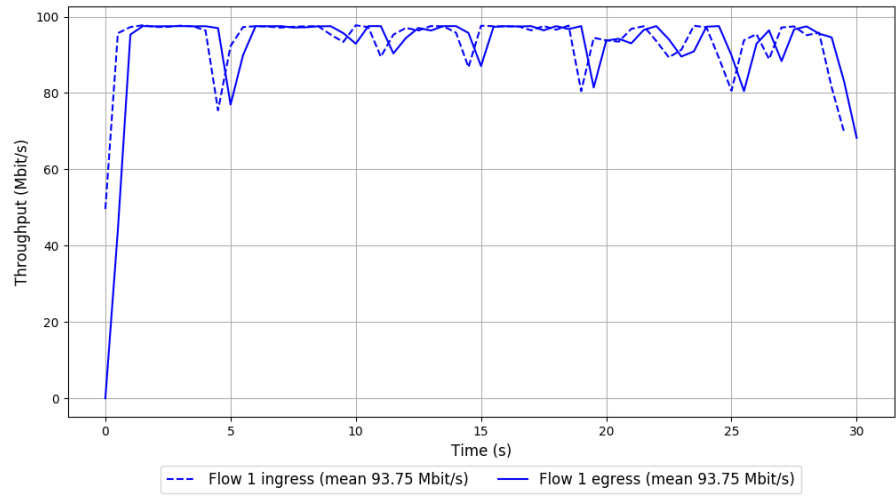
-- Flow 1:

Average throughput: 93.75 Mbit/s

95th percentile per-packet one-way delay: 30.130 ms

Loss rate: 0.12%

Run 9: Report of Indigo — Data Link

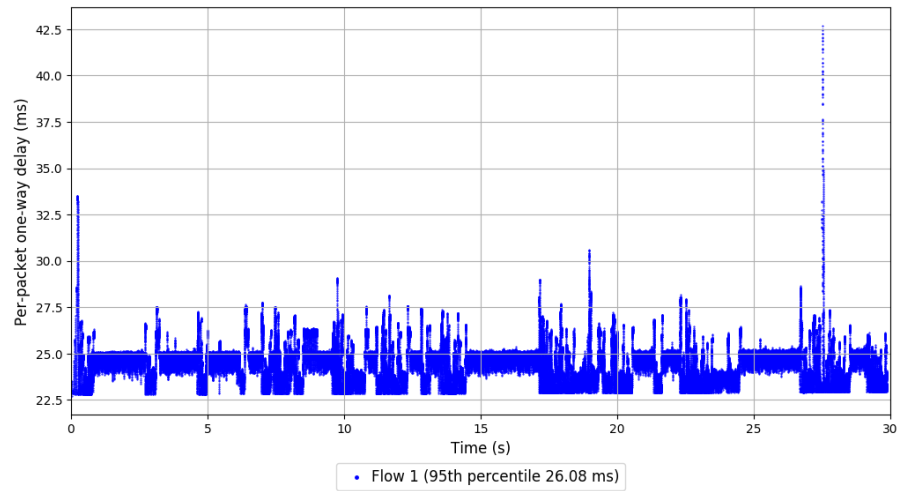
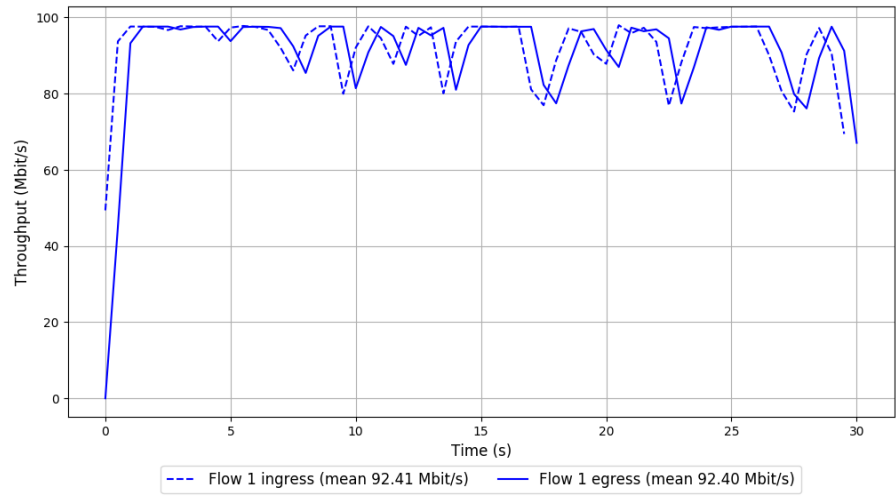


Run 10: Statistics of Indigo

Start at: 2018-08-01 19:24:20
End at: 2018-08-01 19:24:50
Local clock offset: -2.707 ms
Remote clock offset: -3.473 ms

Below is generated by plot.py at 2018-08-01 19:47:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.40 Mbit/s
95th percentile per-packet one-way delay: 26.076 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 92.40 Mbit/s
95th percentile per-packet one-way delay: 26.076 ms
Loss rate: 0.12%

Run 10: Report of Indigo — Data Link

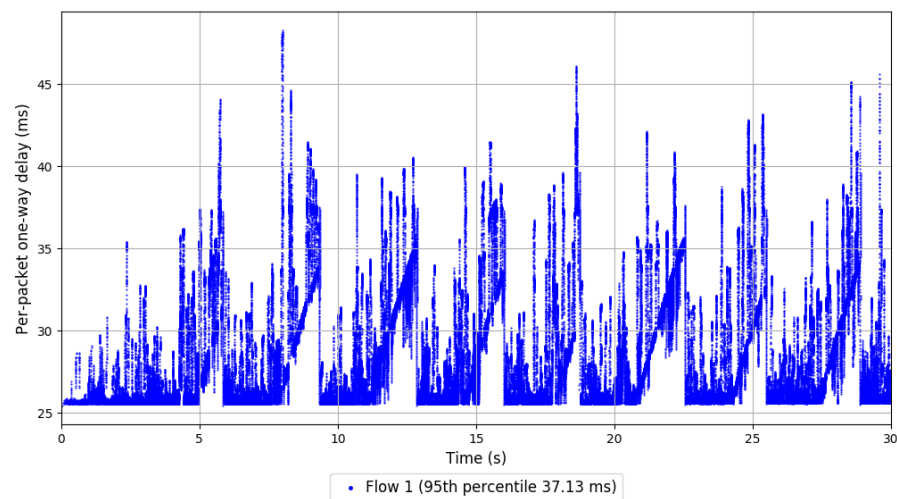
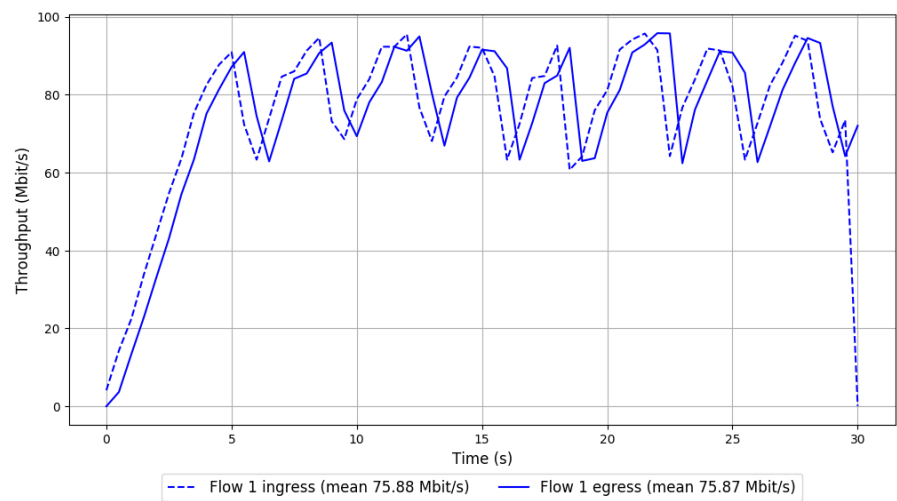


Run 1: Statistics of LEDBAT

Start at: 2018-08-01 16:36:35
End at: 2018-08-01 16:37:05
Local clock offset: 1.805 ms
Remote clock offset: -8.612 ms

Below is generated by plot.py at 2018-08-01 19:47:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.87 Mbit/s
95th percentile per-packet one-way delay: 37.134 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 75.87 Mbit/s
95th percentile per-packet one-way delay: 37.134 ms
Loss rate: 0.13%

Run 1: Report of LEDBAT — Data Link

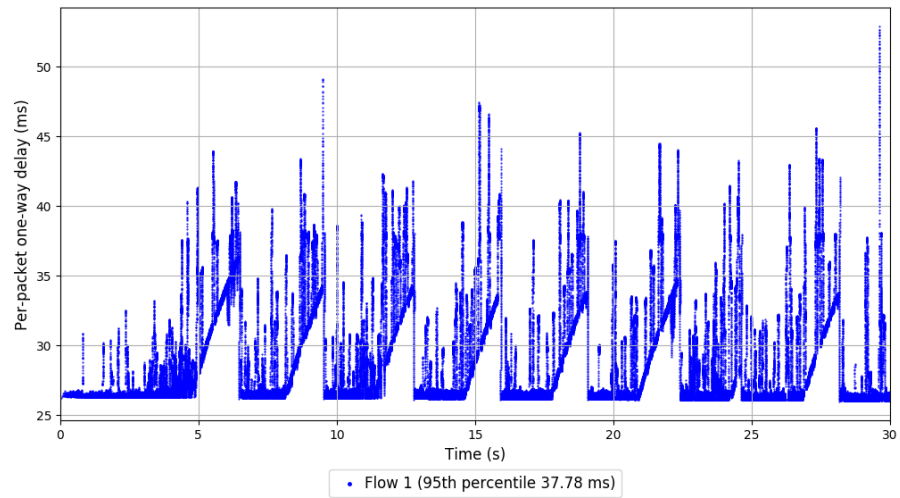
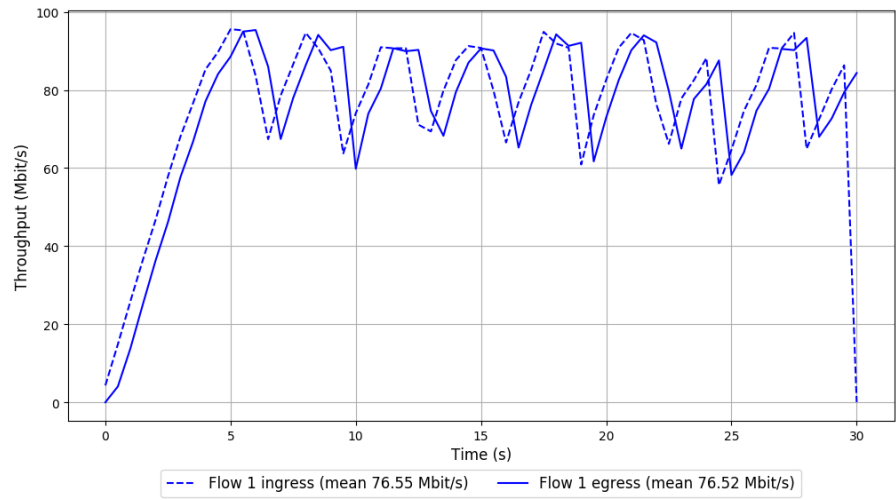


Run 2: Statistics of LEDBAT

Start at: 2018-08-01 16:56:03
End at: 2018-08-01 16:56:33
Local clock offset: 3.098 ms
Remote clock offset: -9.581 ms

Below is generated by plot.py at 2018-08-01 19:47:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.52 Mbit/s
95th percentile per-packet one-way delay: 37.781 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 76.52 Mbit/s
95th percentile per-packet one-way delay: 37.781 ms
Loss rate: 0.15%

Run 2: Report of LEDBAT — Data Link

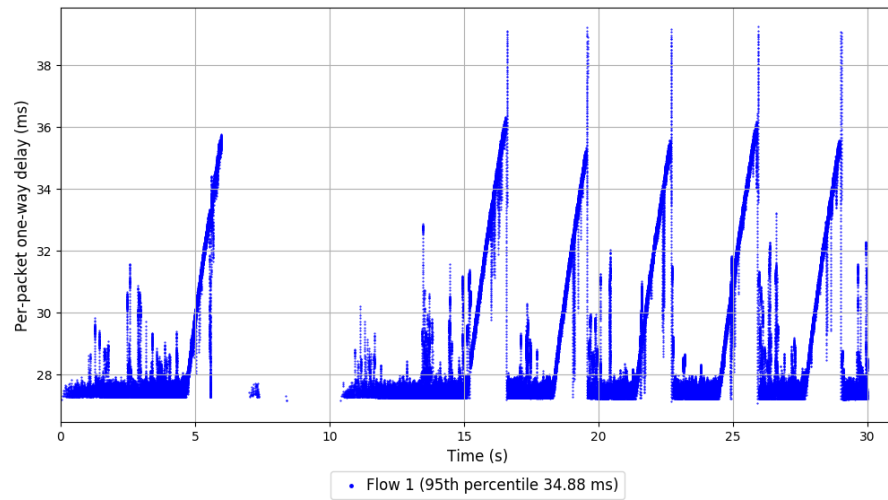
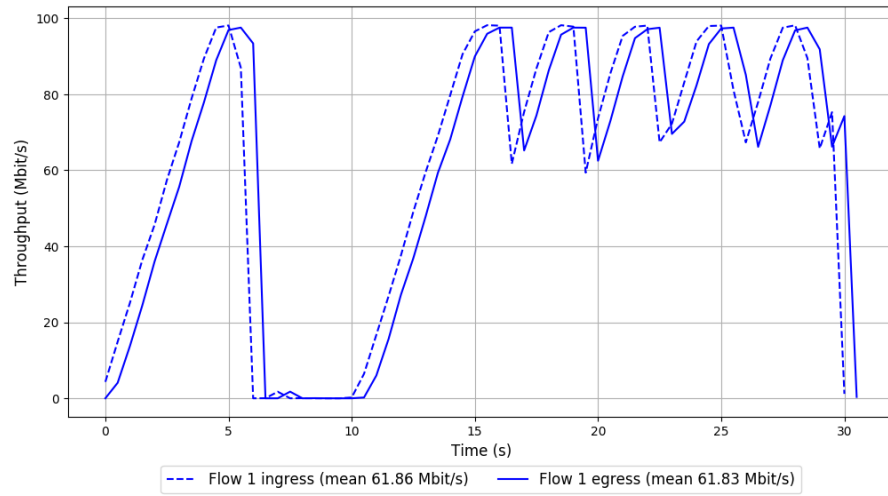


Run 3: Statistics of LEDBAT

Start at: 2018-08-01 17:15:46
End at: 2018-08-01 17:16:16
Local clock offset: 3.935 ms
Remote clock offset: -14.835 ms

Below is generated by plot.py at 2018-08-01 19:47:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.83 Mbit/s
95th percentile per-packet one-way delay: 34.880 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 61.83 Mbit/s
95th percentile per-packet one-way delay: 34.880 ms
Loss rate: 0.15%

Run 3: Report of LEDBAT — Data Link

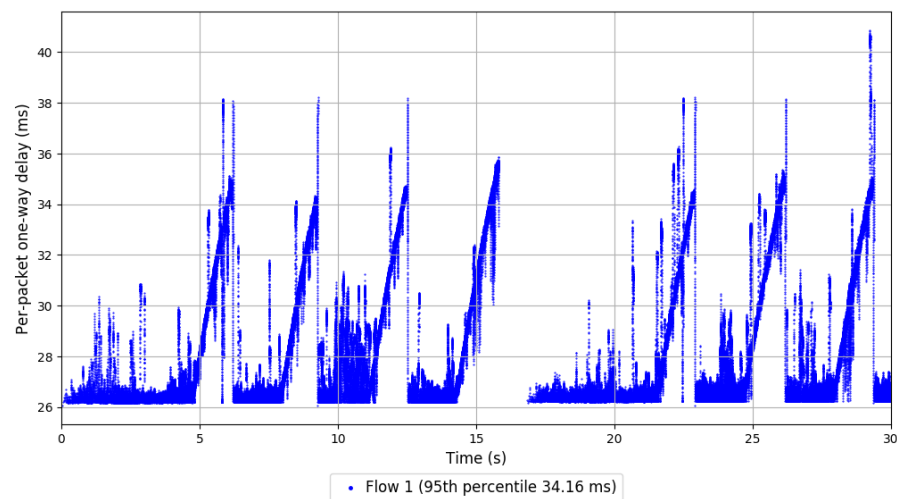
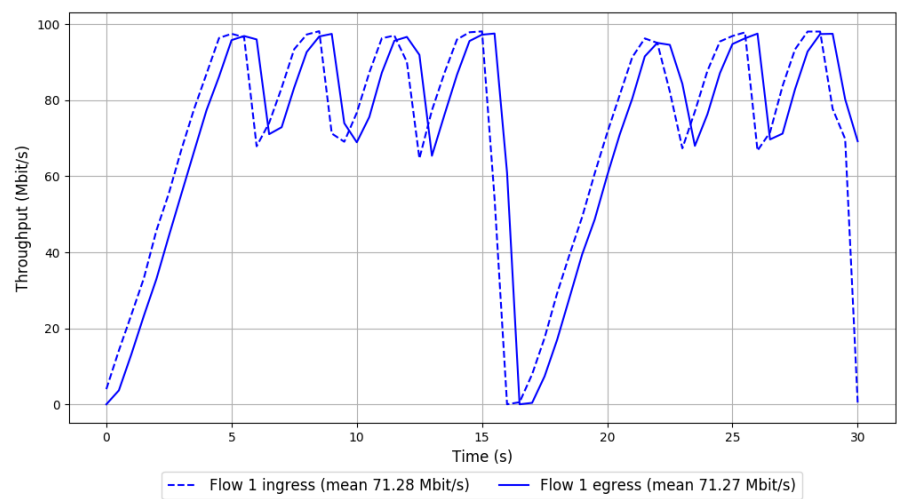


Run 4: Statistics of LEDBAT

Start at: 2018-08-01 17:35:14
End at: 2018-08-01 17:35:44
Local clock offset: 1.193 ms
Remote clock offset: -15.365 ms

Below is generated by plot.py at 2018-08-01 19:47:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 71.27 Mbit/s
95th percentile per-packet one-way delay: 34.163 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 71.27 Mbit/s
95th percentile per-packet one-way delay: 34.163 ms
Loss rate: 0.12%

Run 4: Report of LEDBAT — Data Link

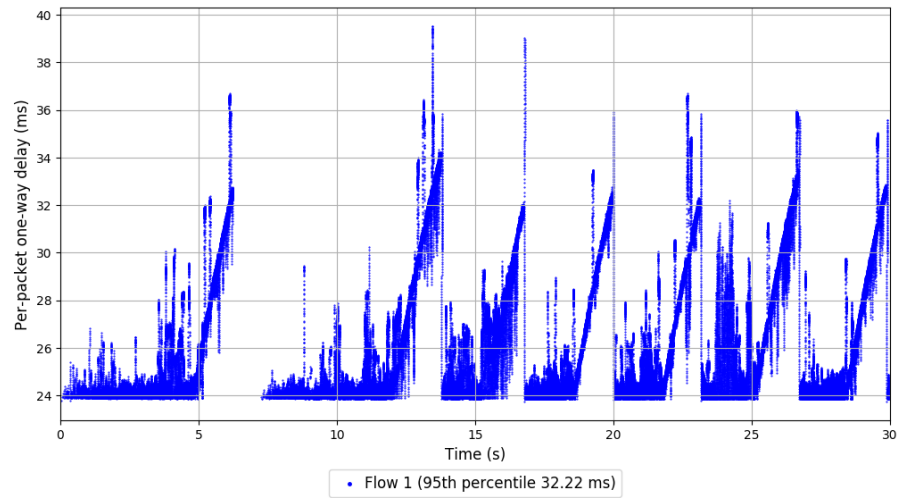
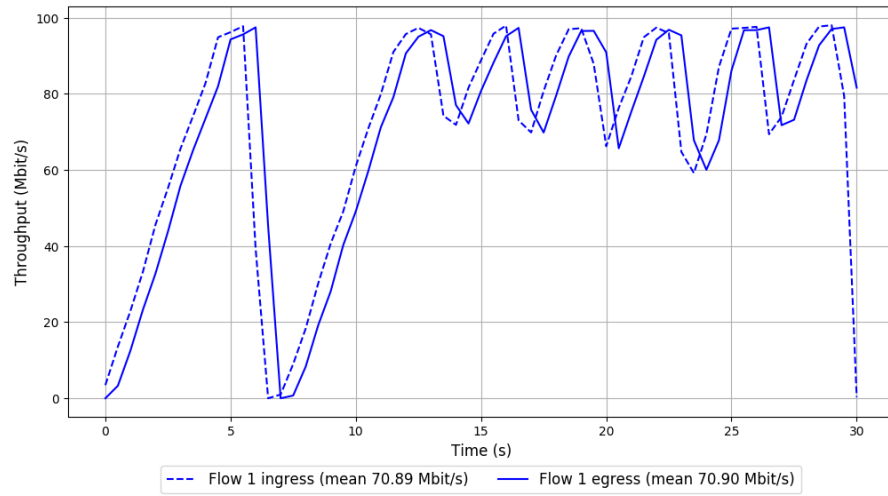


Run 5: Statistics of LEDBAT

Start at: 2018-08-01 17:55:01
End at: 2018-08-01 17:55:31
Local clock offset: -1.346 ms
Remote clock offset: -14.91 ms

Below is generated by plot.py at 2018-08-01 19:47:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.90 Mbit/s
95th percentile per-packet one-way delay: 32.218 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 70.90 Mbit/s
95th percentile per-packet one-way delay: 32.218 ms
Loss rate: 0.10%

Run 5: Report of LEDBAT — Data Link

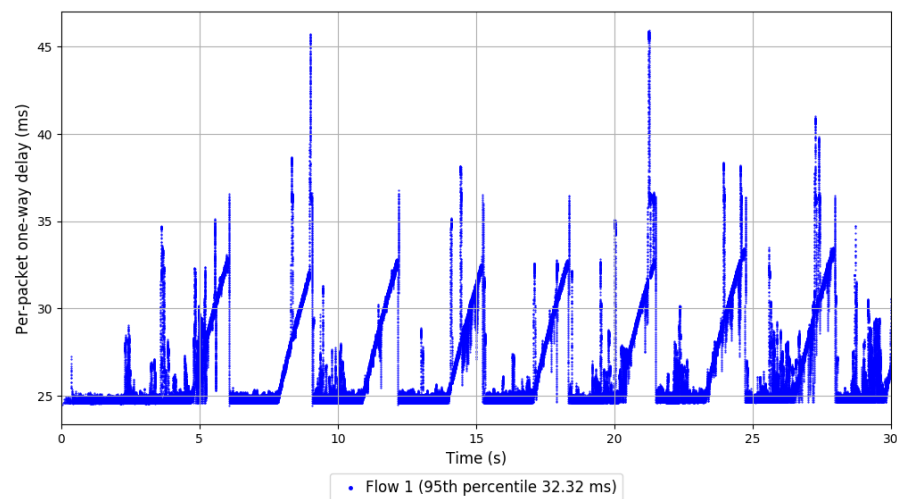
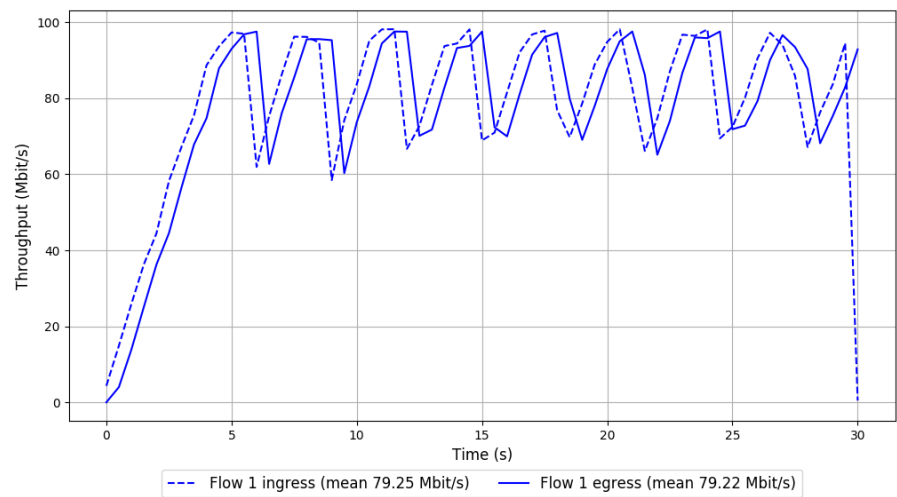


Run 6: Statistics of LEDBAT

Start at: 2018-08-01 18:14:40
End at: 2018-08-01 18:15:10
Local clock offset: 1.426 ms
Remote clock offset: -8.708 ms

Below is generated by plot.py at 2018-08-01 19:47:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.22 Mbit/s
95th percentile per-packet one-way delay: 32.324 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 79.22 Mbit/s
95th percentile per-packet one-way delay: 32.324 ms
Loss rate: 0.15%

Run 6: Report of LEDBAT — Data Link

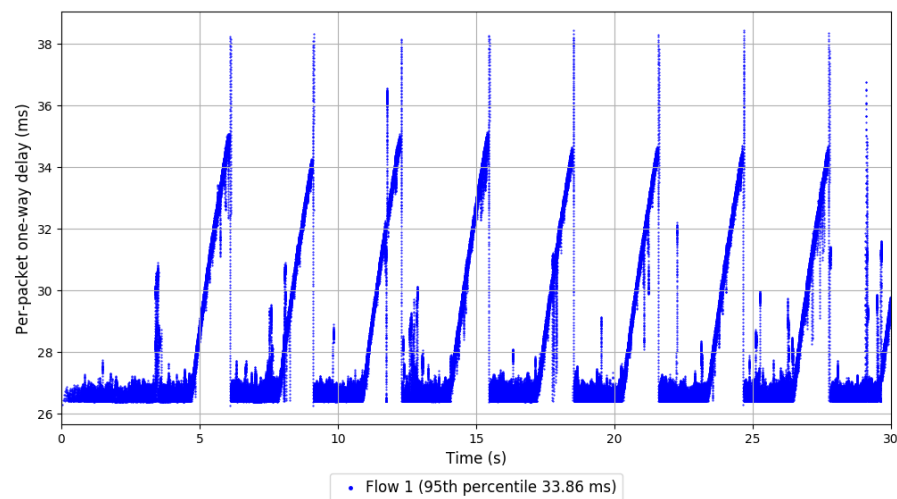
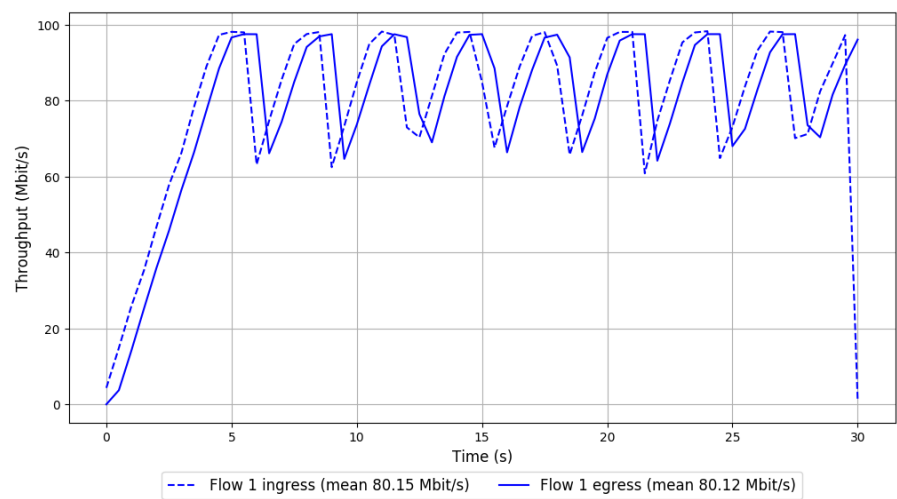


Run 7: Statistics of LEDBAT

Start at: 2018-08-01 18:34:43
End at: 2018-08-01 18:35:13
Local clock offset: 3.69 ms
Remote clock offset: -7.094 ms

Below is generated by plot.py at 2018-08-01 19:48:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.12 Mbit/s
95th percentile per-packet one-way delay: 33.857 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 80.12 Mbit/s
95th percentile per-packet one-way delay: 33.857 ms
Loss rate: 0.15%

Run 7: Report of LEDBAT — Data Link

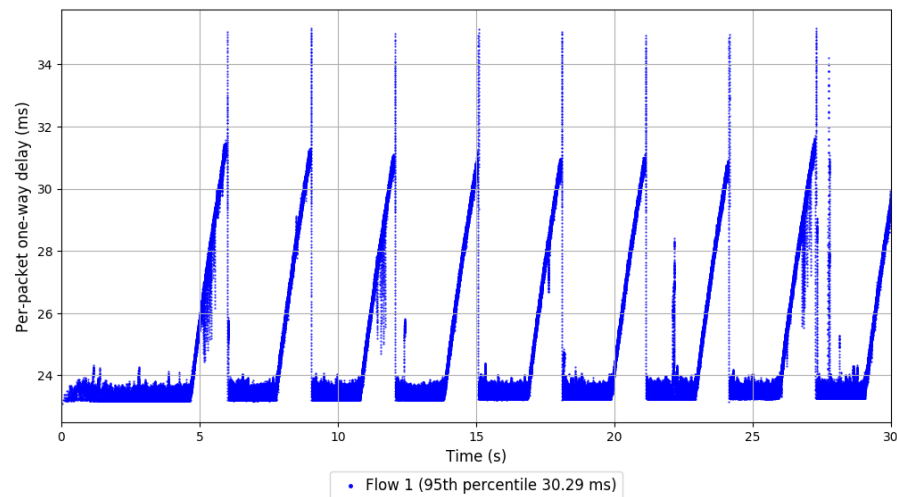
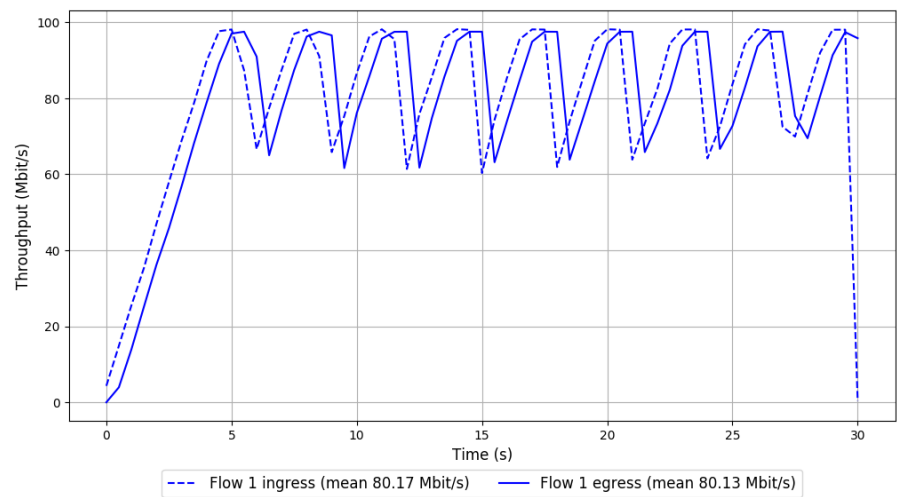


Run 8: Statistics of LEDBAT

Start at: 2018-08-01 18:54:17
End at: 2018-08-01 18:54:47
Local clock offset: 0.987 ms
Remote clock offset: -9.101 ms

Below is generated by plot.py at 2018-08-01 19:48:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.13 Mbit/s
95th percentile per-packet one-way delay: 30.290 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 80.13 Mbit/s
95th percentile per-packet one-way delay: 30.290 ms
Loss rate: 0.17%

Run 8: Report of LEDBAT — Data Link

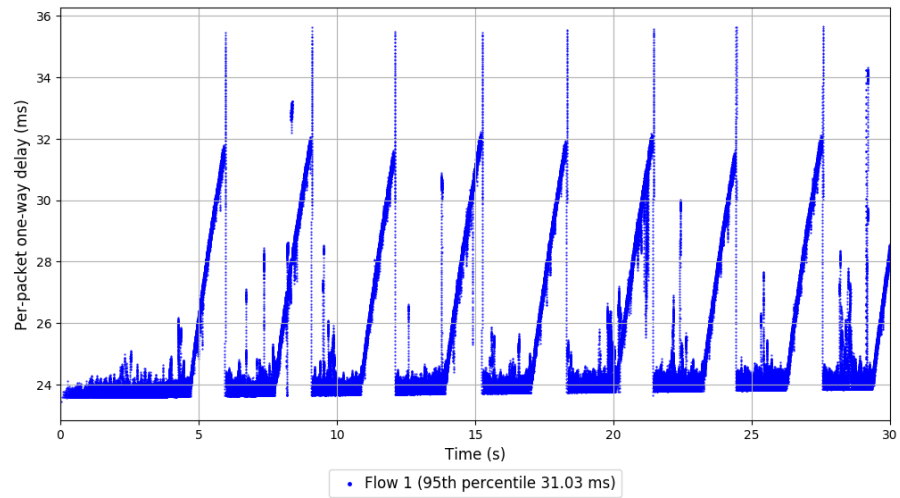
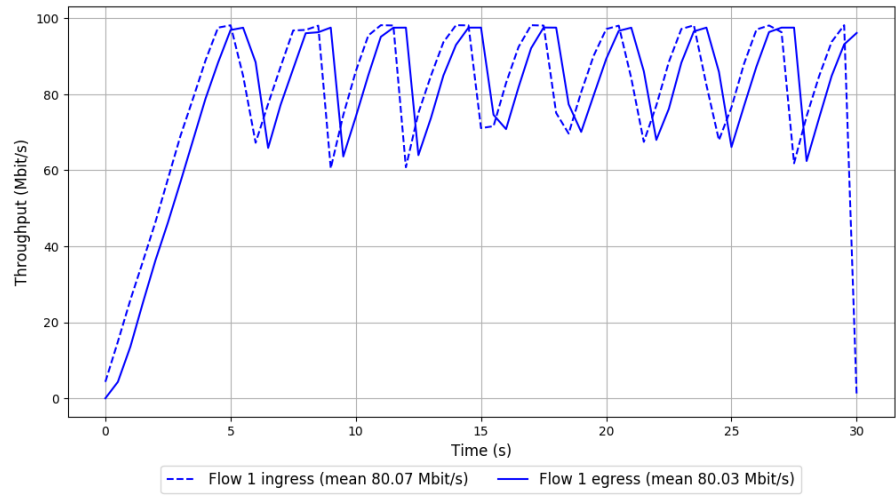


Run 9: Statistics of LEDBAT

Start at: 2018-08-01 19:13:54
End at: 2018-08-01 19:14:24
Local clock offset: -1.304 ms
Remote clock offset: -7.223 ms

Below is generated by plot.py at 2018-08-01 19:48:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.03 Mbit/s
95th percentile per-packet one-way delay: 31.028 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 80.03 Mbit/s
95th percentile per-packet one-way delay: 31.028 ms
Loss rate: 0.16%

Run 9: Report of LEDBAT — Data Link

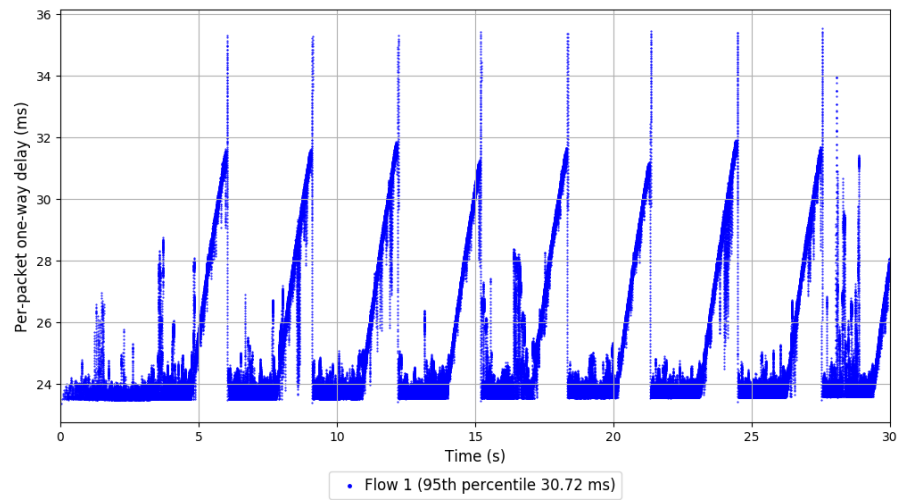
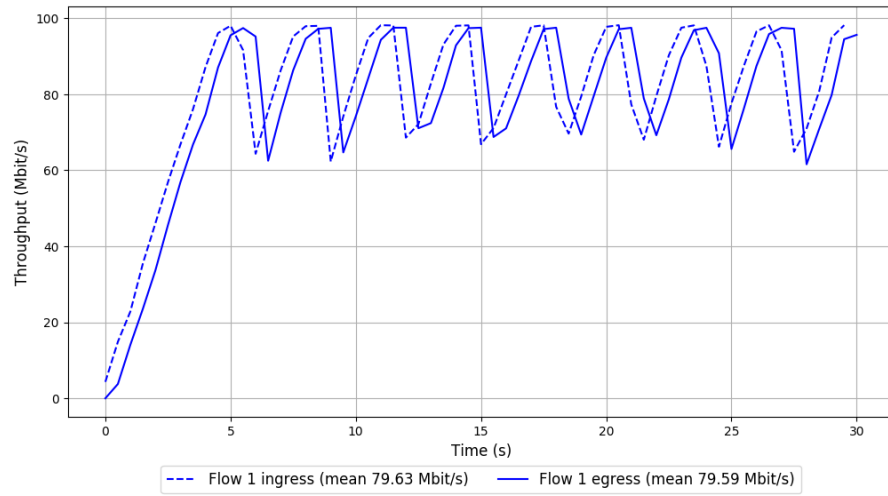


Run 10: Statistics of LEDBAT

Start at: 2018-08-01 19:33:31
End at: 2018-08-01 19:34:01
Local clock offset: -2.41 ms
Remote clock offset: -1.742 ms

Below is generated by plot.py at 2018-08-01 19:48:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.59 Mbit/s
95th percentile per-packet one-way delay: 30.718 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 79.59 Mbit/s
95th percentile per-packet one-way delay: 30.718 ms
Loss rate: 0.16%

Run 10: Report of LEDBAT — Data Link

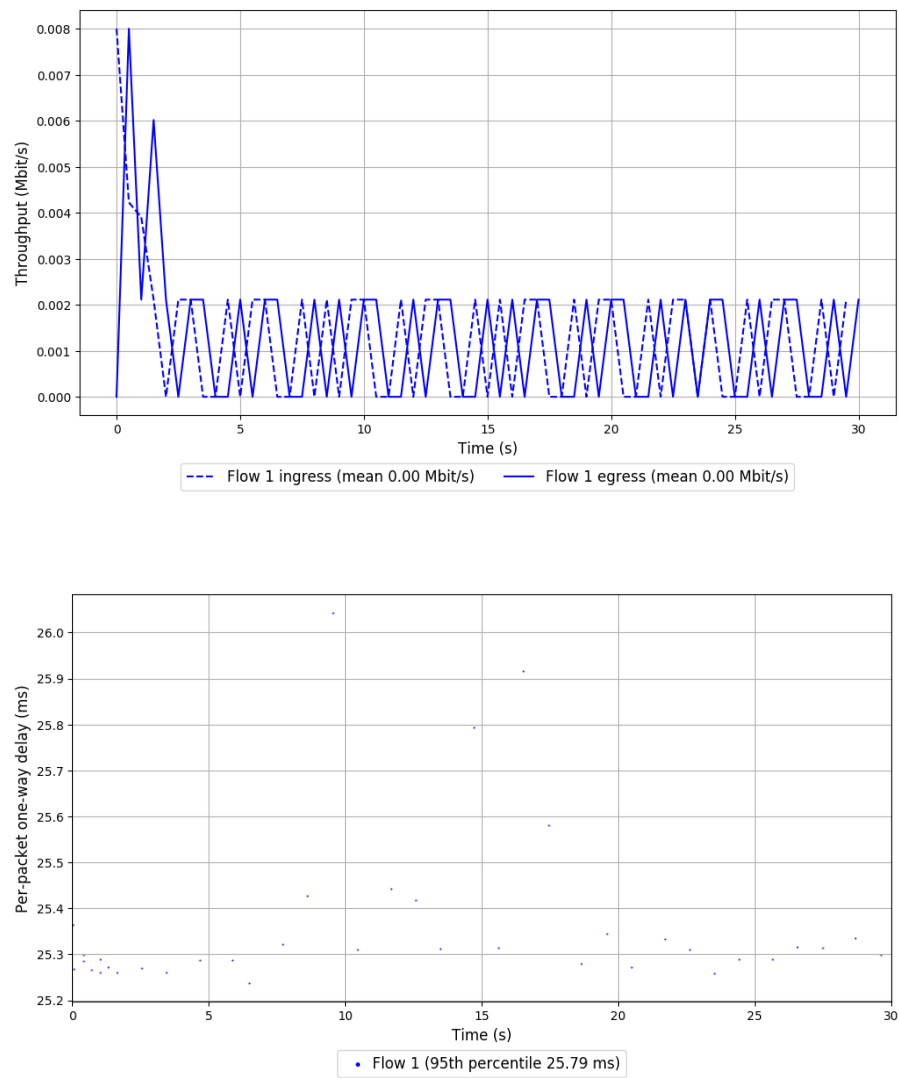


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-08-01 16:35:11
End at: 2018-08-01 16:35:41
Local clock offset: 4.694 ms
Remote clock offset: -5.702 ms

# Below is generated by plot.py at 2018-08-01 19:48:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 25.794 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.00 Mbit/s
95th percentile per-packet one-way delay: 25.794 ms
Loss rate: 0.00%
```

Run 1: Report of PCC-Allegro — Data Link

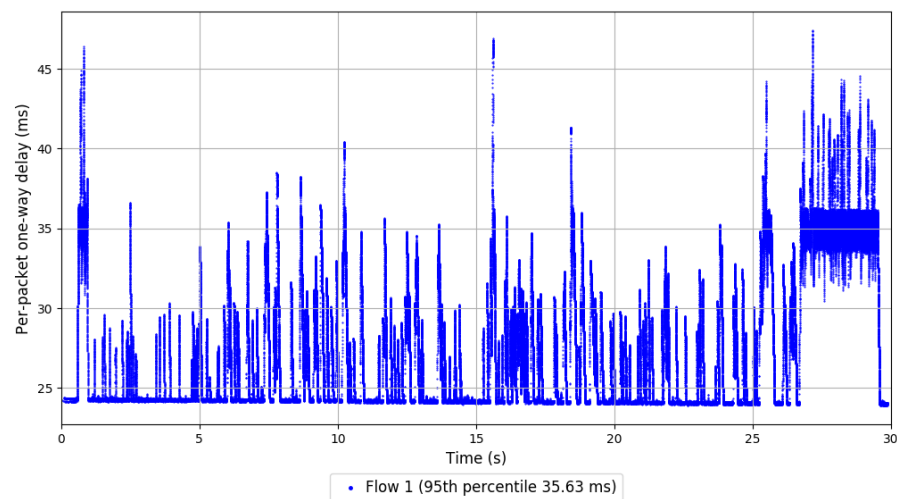
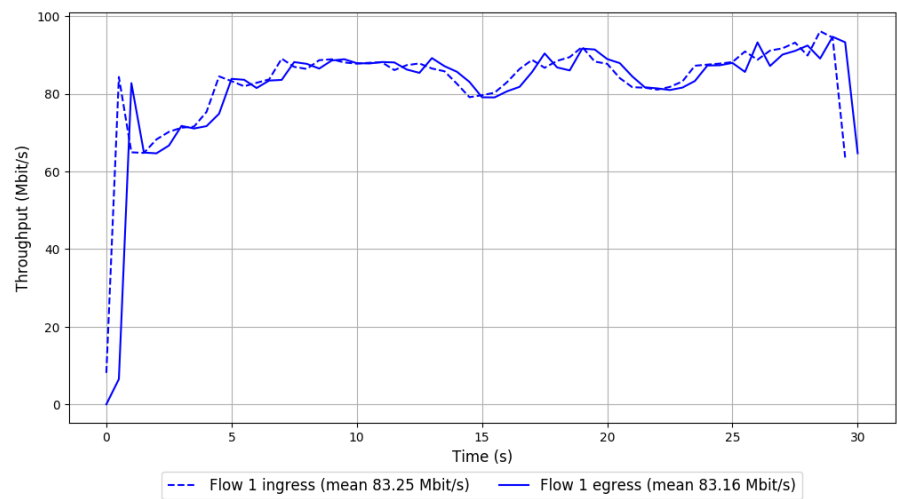


Run 2: Statistics of PCC-Allegro

Start at: 2018-08-01 16:54:55
End at: 2018-08-01 16:55:25
Local clock offset: 0.628 ms
Remote clock offset: -9.393 ms

Below is generated by plot.py at 2018-08-01 19:48:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.16 Mbit/s
95th percentile per-packet one-way delay: 35.635 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 83.16 Mbit/s
95th percentile per-packet one-way delay: 35.635 ms
Loss rate: 0.22%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-08-01 17:14:37

End at: 2018-08-01 17:15:07

Local clock offset: 2.009 ms

Remote clock offset: -13.77 ms

Below is generated by plot.py at 2018-08-01 19:48:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.15 Mbit/s

95th percentile per-packet one-way delay: 30.899 ms

Loss rate: 0.14%

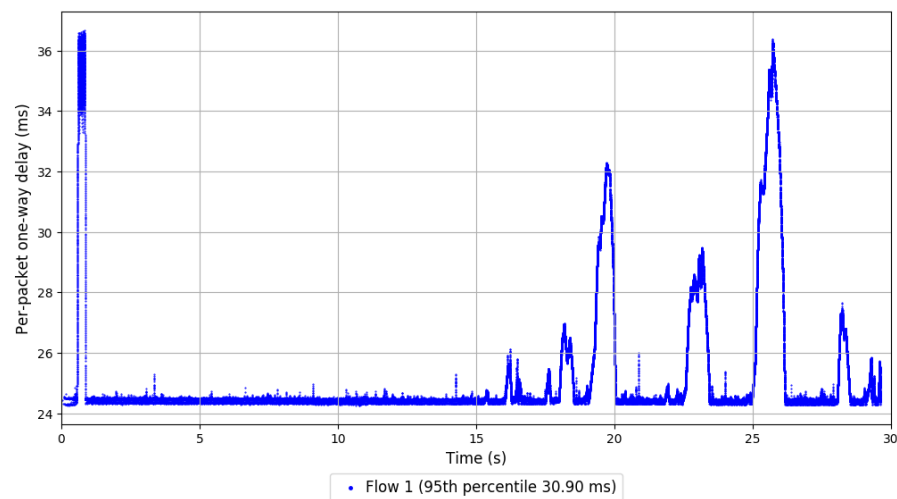
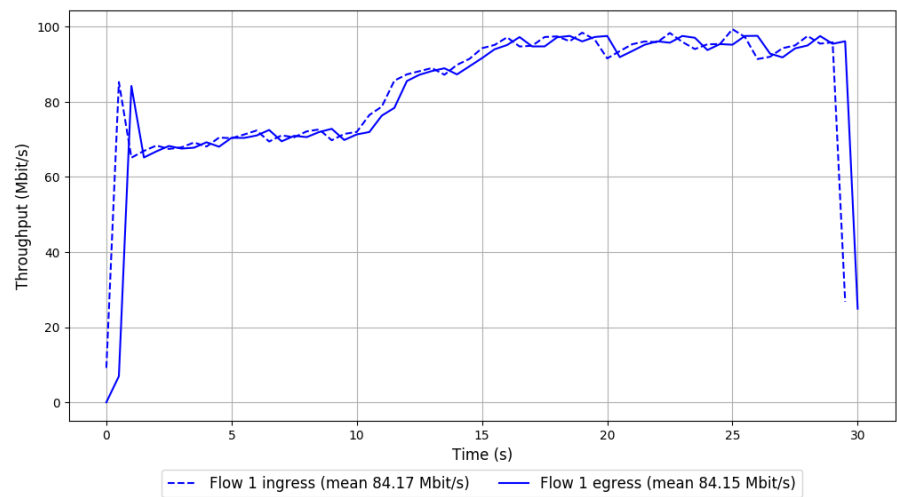
-- Flow 1:

Average throughput: 84.15 Mbit/s

95th percentile per-packet one-way delay: 30.899 ms

Loss rate: 0.14%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-08-01 17:34:06

End at: 2018-08-01 17:34:36

Local clock offset: 2.08 ms

Remote clock offset: -16.047 ms

Below is generated by plot.py at 2018-08-01 19:48:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.49 Mbit/s

95th percentile per-packet one-way delay: 29.261 ms

Loss rate: 0.17%

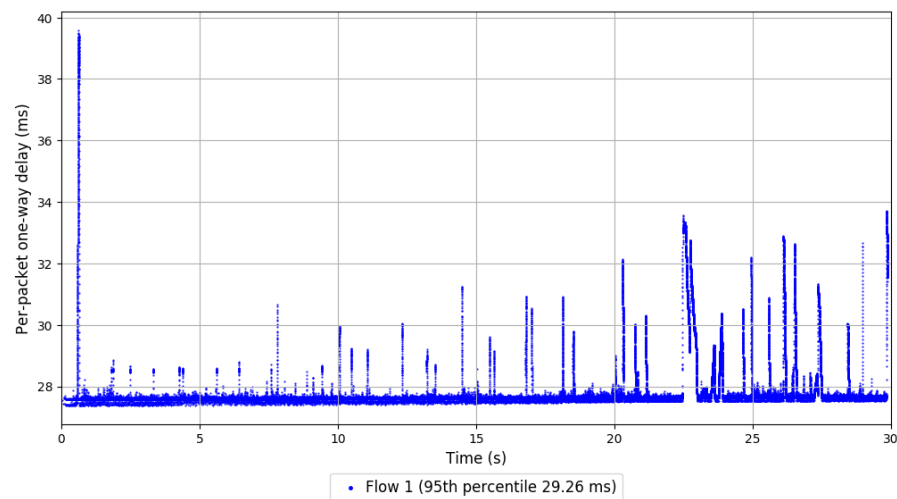
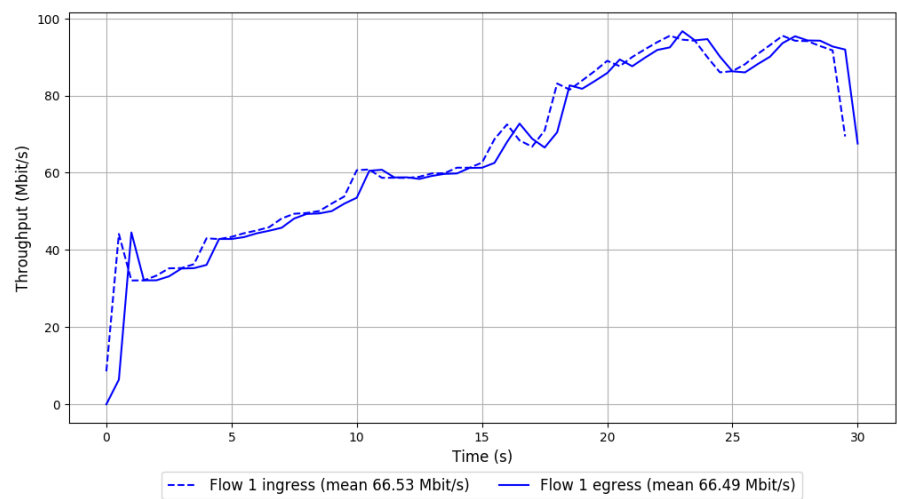
-- Flow 1:

Average throughput: 66.49 Mbit/s

95th percentile per-packet one-way delay: 29.261 ms

Loss rate: 0.17%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-08-01 17:53:55

End at: 2018-08-01 17:54:25

Local clock offset: 0.243 ms

Remote clock offset: -11.958 ms

Below is generated by plot.py at 2018-08-01 19:48:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.86 Mbit/s

95th percentile per-packet one-way delay: 22.797 ms

Loss rate: 0.56%

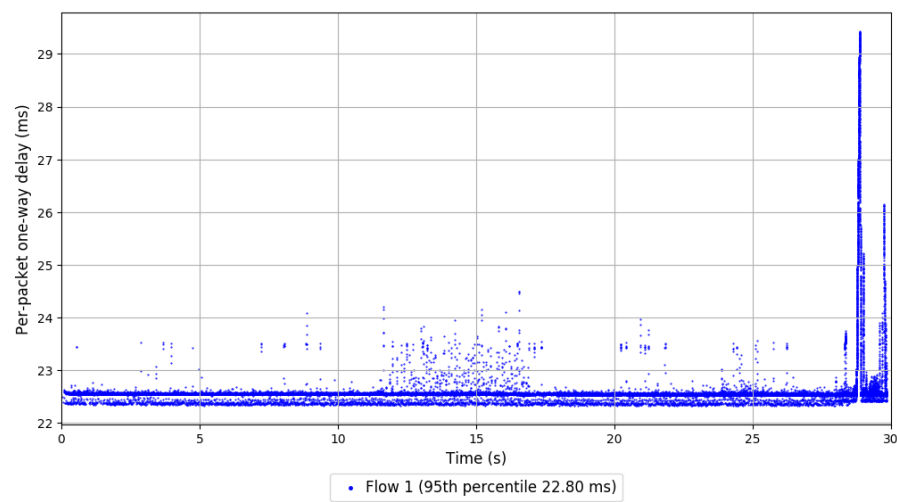
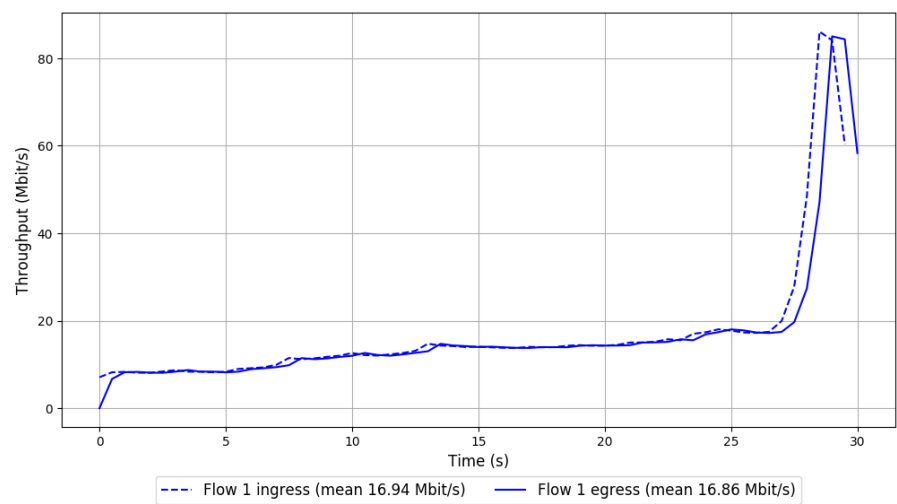
-- Flow 1:

Average throughput: 16.86 Mbit/s

95th percentile per-packet one-way delay: 22.797 ms

Loss rate: 0.56%

Run 5: Report of PCC-Allegro — Data Link

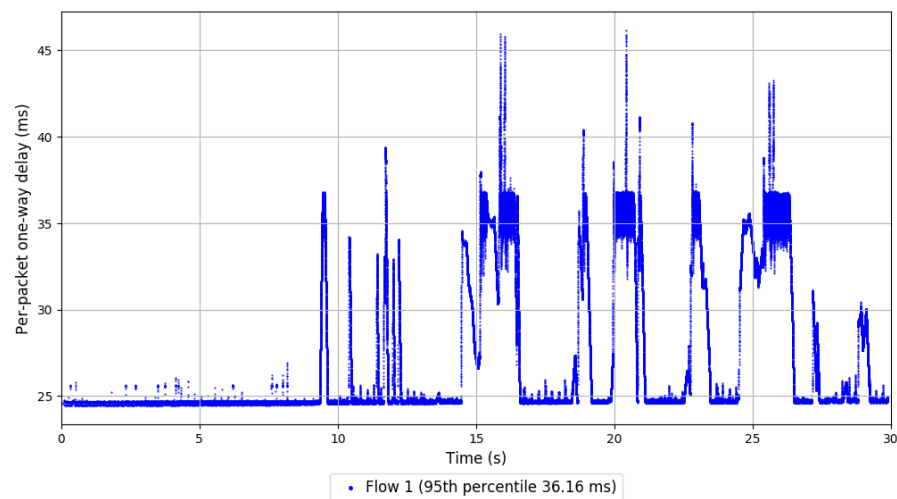
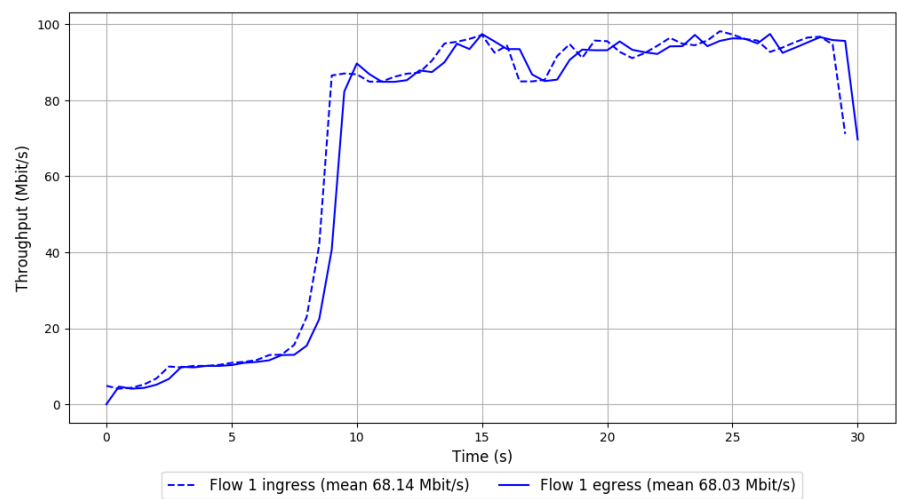


Run 6: Statistics of PCC-Allegro

Start at: 2018-08-01 18:13:33
End at: 2018-08-01 18:14:03
Local clock offset: -0.329 ms
Remote clock offset: -10.747 ms

Below is generated by plot.py at 2018-08-01 19:48:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.03 Mbit/s
95th percentile per-packet one-way delay: 36.164 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 68.03 Mbit/s
95th percentile per-packet one-way delay: 36.164 ms
Loss rate: 0.27%

Run 6: Report of PCC-Allegro — Data Link

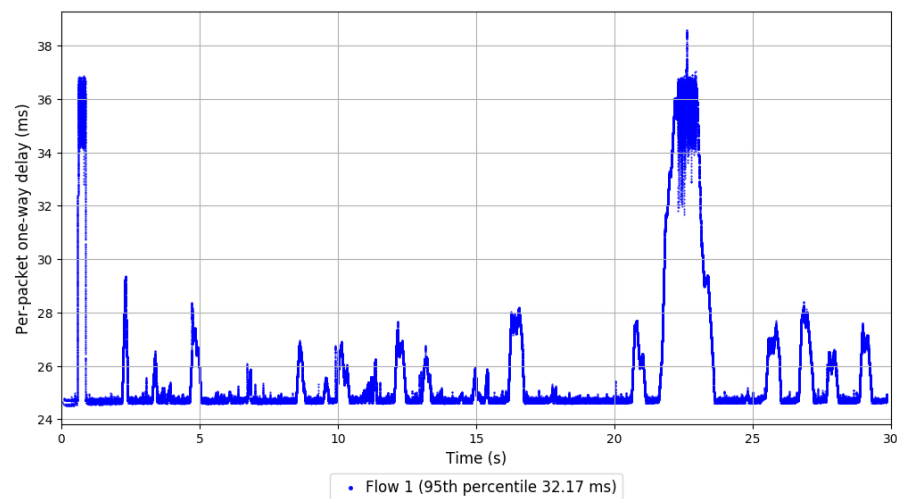
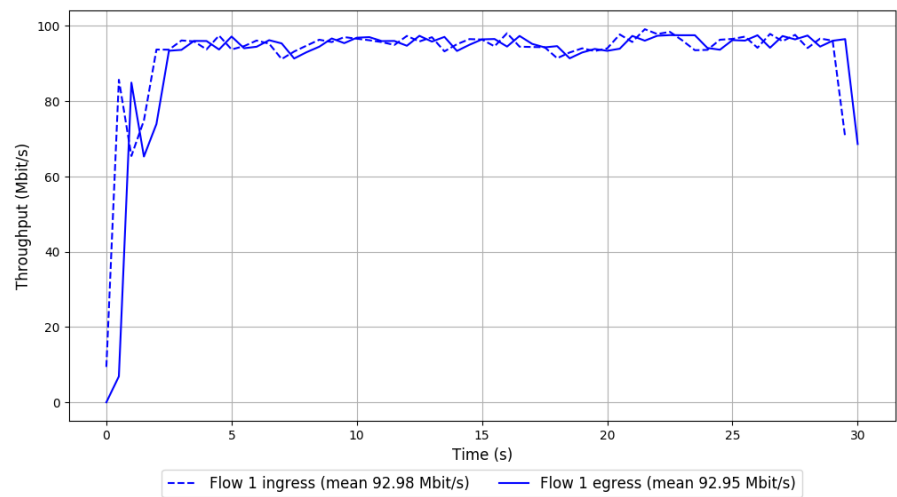


Run 7: Statistics of PCC-Allegro

Start at: 2018-08-01 18:33:35
End at: 2018-08-01 18:34:05
Local clock offset: 2.519 ms
Remote clock offset: -6.598 ms

Below is generated by plot.py at 2018-08-01 19:49:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.95 Mbit/s
95th percentile per-packet one-way delay: 32.175 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 92.95 Mbit/s
95th percentile per-packet one-way delay: 32.175 ms
Loss rate: 0.14%

Run 7: Report of PCC-Allegro — Data Link

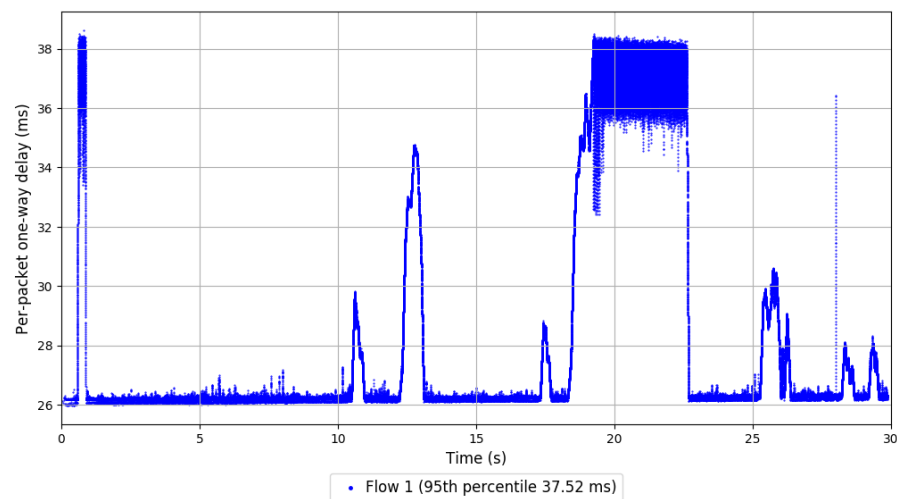
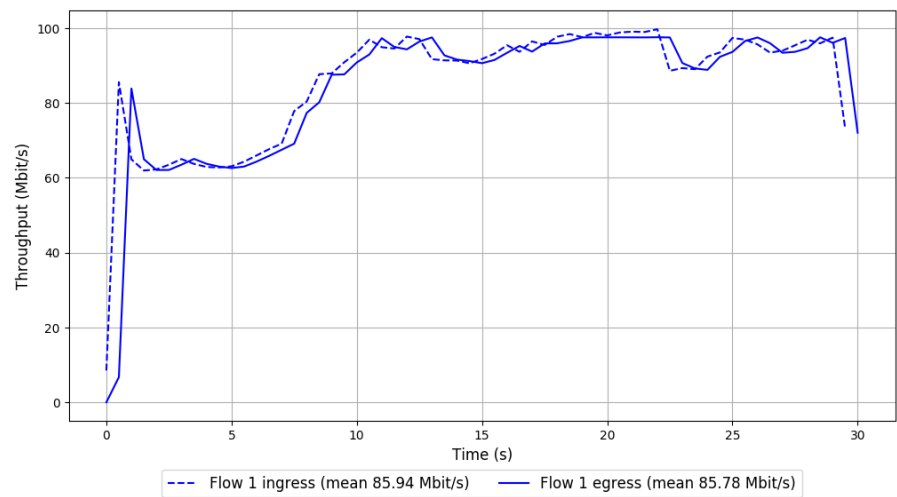


Run 8: Statistics of PCC-Allegro

Start at: 2018-08-01 18:53:10
End at: 2018-08-01 18:53:40
Local clock offset: 3.832 ms
Remote clock offset: -9.505 ms

Below is generated by plot.py at 2018-08-01 19:49:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.78 Mbit/s
95th percentile per-packet one-way delay: 37.522 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 85.78 Mbit/s
95th percentile per-packet one-way delay: 37.522 ms
Loss rate: 0.29%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-08-01 19:12:45

End at: 2018-08-01 19:13:15

Local clock offset: -1.348 ms

Remote clock offset: -10.214 ms

Below is generated by plot.py at 2018-08-01 19:49:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.76 Mbit/s

95th percentile per-packet one-way delay: 29.184 ms

Loss rate: 0.12%

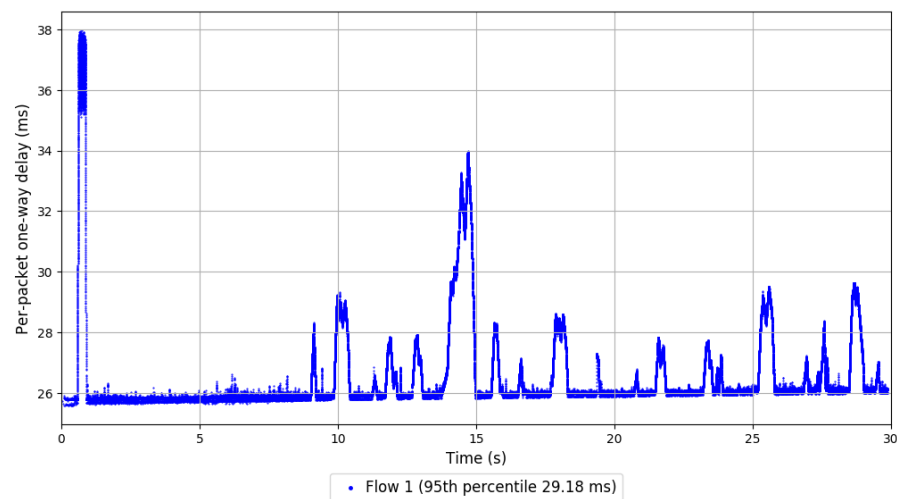
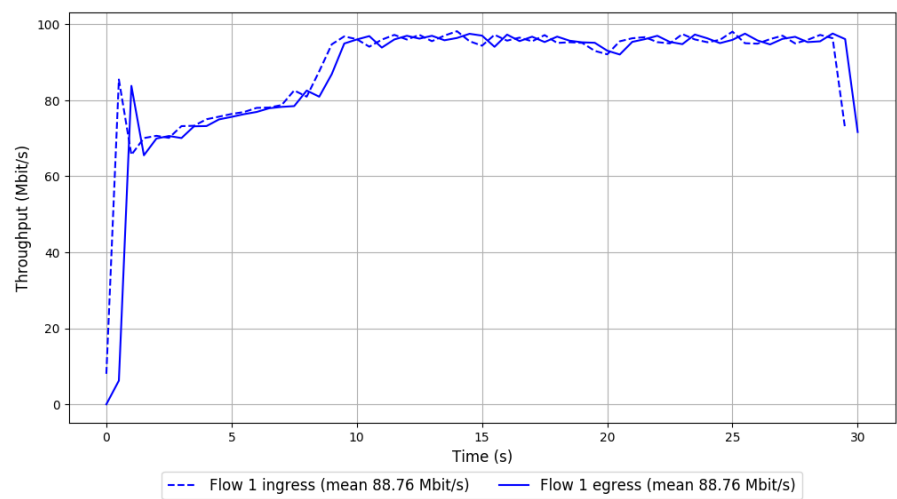
-- Flow 1:

Average throughput: 88.76 Mbit/s

95th percentile per-packet one-way delay: 29.184 ms

Loss rate: 0.12%

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

Start at: 2018-08-01 19:32:25

End at: 2018-08-01 19:32:55

Local clock offset: -3.031 ms

Remote clock offset: -1.47 ms

Below is generated by plot.py at 2018-08-01 19:49:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.77 Mbit/s

95th percentile per-packet one-way delay: 34.040 ms

Loss rate: 0.45%

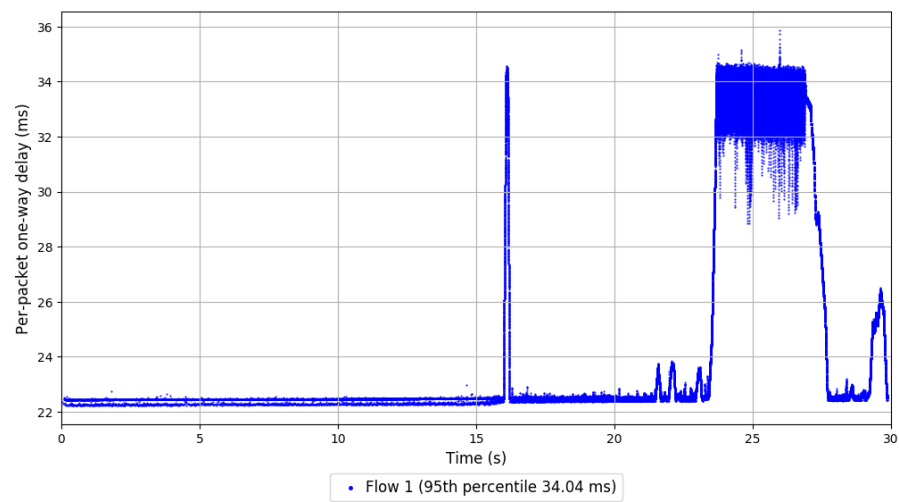
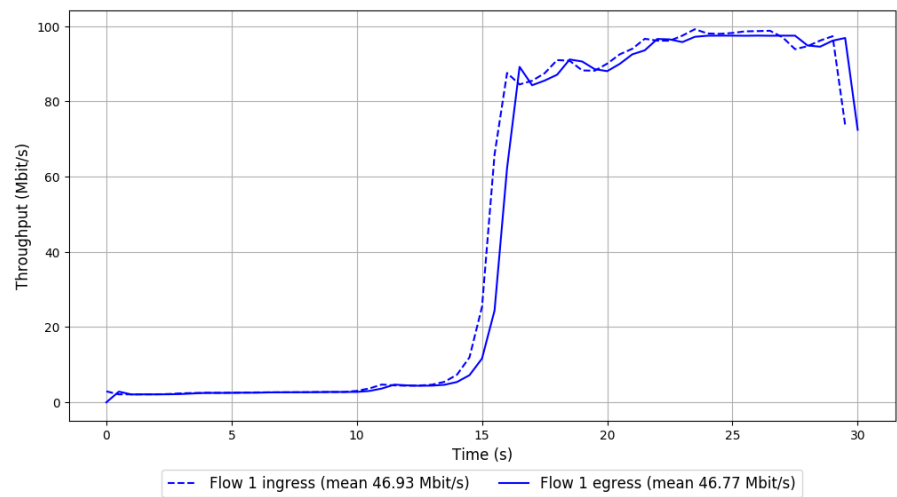
-- Flow 1:

Average throughput: 46.77 Mbit/s

95th percentile per-packet one-way delay: 34.040 ms

Loss rate: 0.45%

Run 10: Report of PCC-Allegro — Data Link

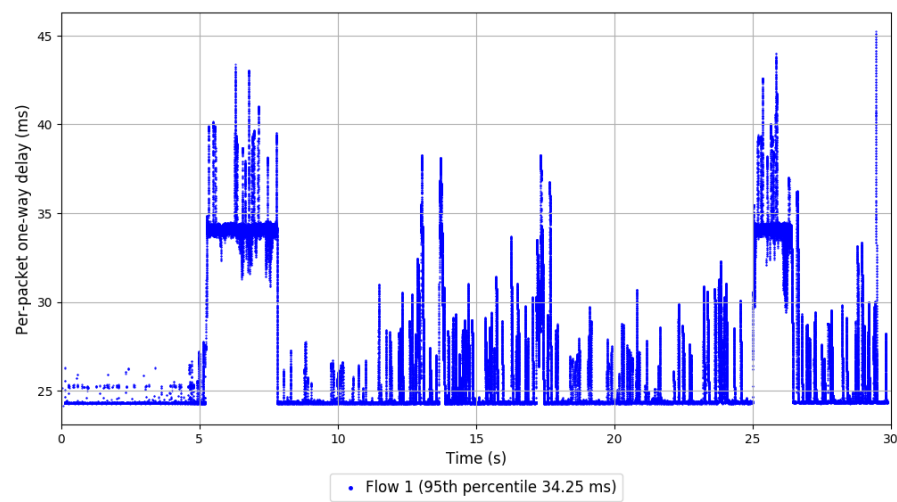
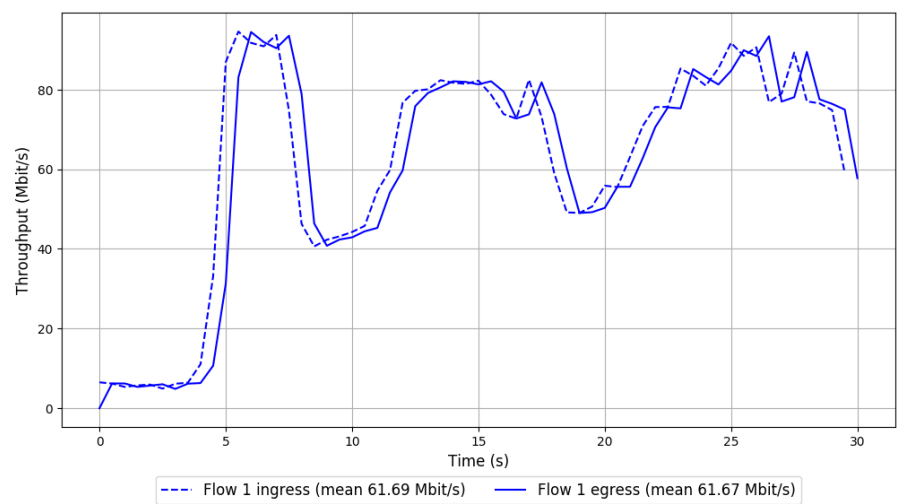


```
Run 1: Statistics of PCC-Expr

Start at: 2018-08-01 16:32:55
End at: 2018-08-01 16:33:25
Local clock offset: 1.498 ms
Remote clock offset: -8.015 ms

# Below is generated by plot.py at 2018-08-01 19:49:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 61.67 Mbit/s
95th percentile per-packet one-way delay: 34.246 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 61.67 Mbit/s
95th percentile per-packet one-way delay: 34.246 ms
Loss rate: 0.16%
```


Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2018-08-01 16:52:32

End at: 2018-08-01 16:53:02

Local clock offset: 1.911 ms

Remote clock offset: -6.76 ms

Below is generated by plot.py at 2018-08-01 19:50:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.62 Mbit/s

95th percentile per-packet one-way delay: 34.064 ms

Loss rate: 0.13%

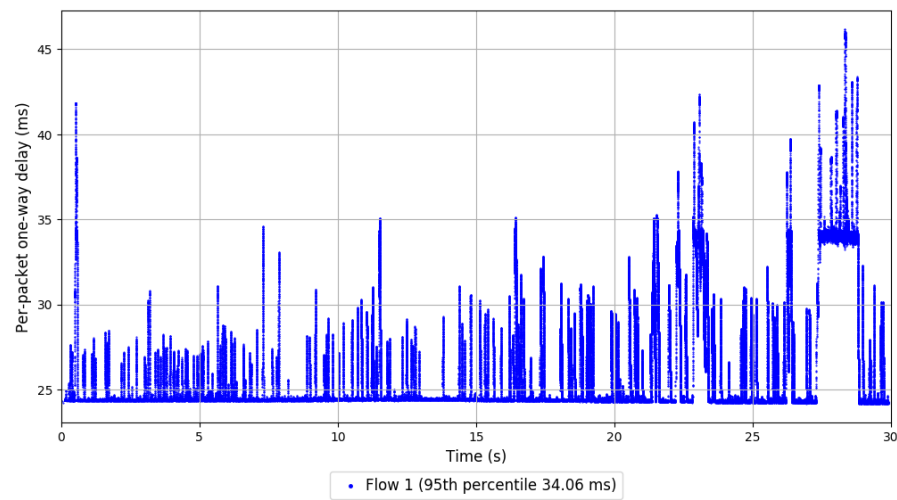
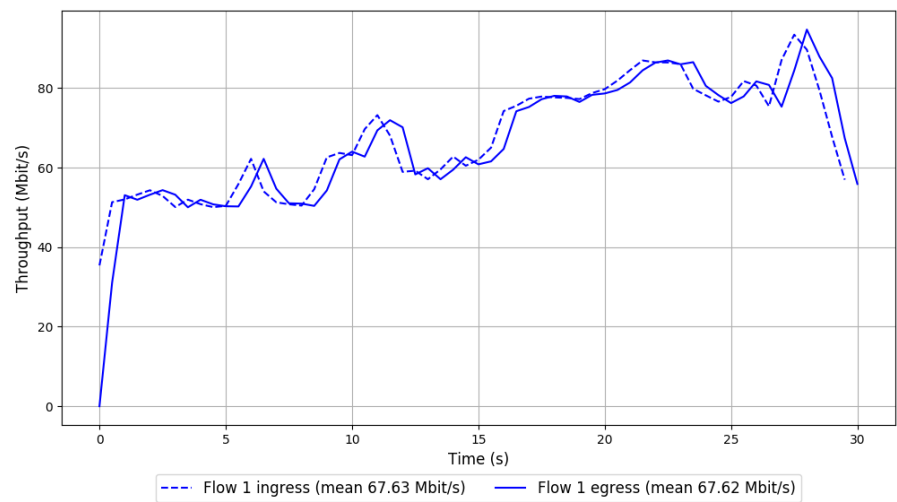
-- Flow 1:

Average throughput: 67.62 Mbit/s

95th percentile per-packet one-way delay: 34.064 ms

Loss rate: 0.13%

Run 2: Report of PCC-Expr — Data Link

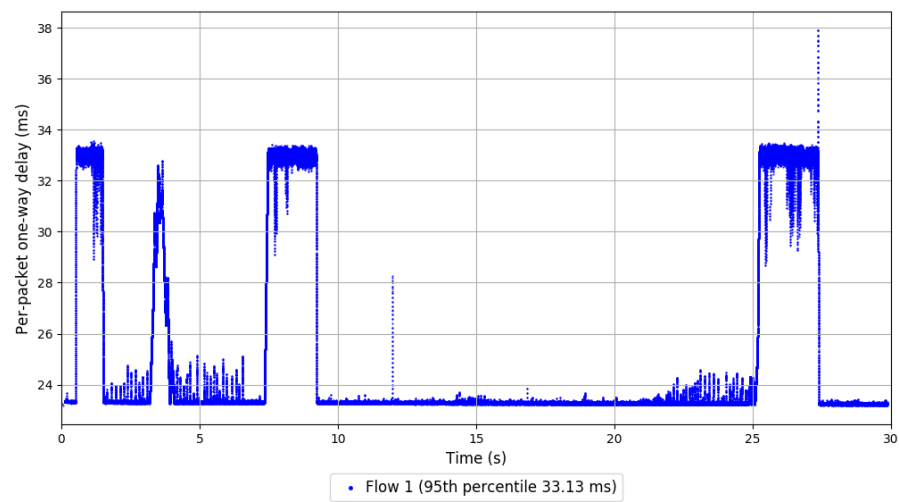
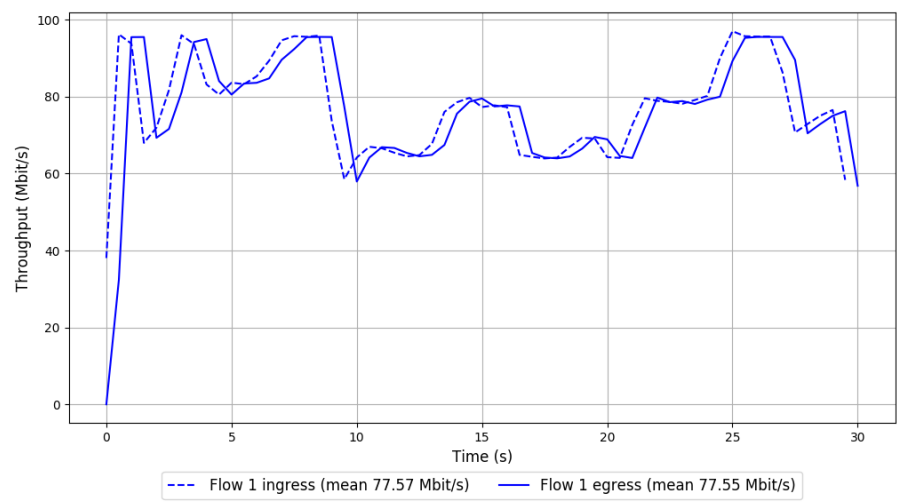


Run 3: Statistics of PCC-Expr

Start at: 2018-08-01 17:12:18
End at: 2018-08-01 17:12:48
Local clock offset: -0.07 ms
Remote clock offset: -14.349 ms

Below is generated by plot.py at 2018-08-01 19:50:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.55 Mbit/s
95th percentile per-packet one-way delay: 33.129 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 77.55 Mbit/s
95th percentile per-packet one-way delay: 33.129 ms
Loss rate: 0.14%

Run 3: Report of PCC-Expr — Data Link

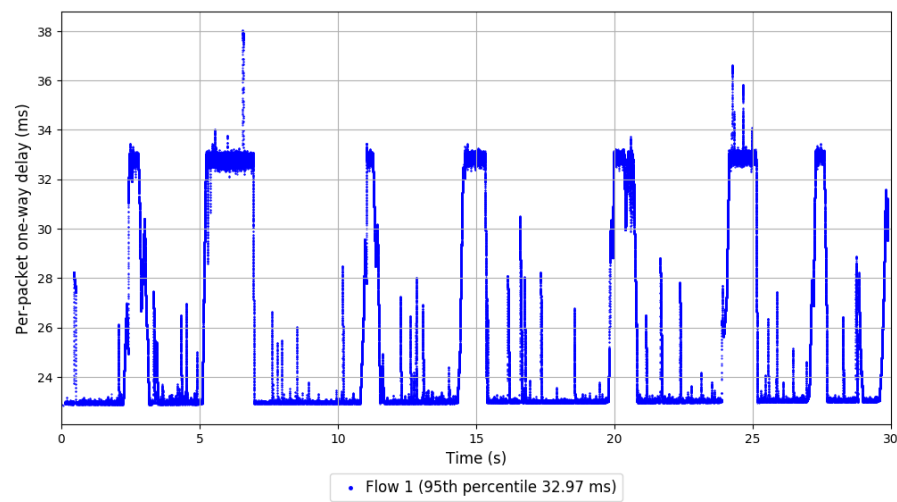
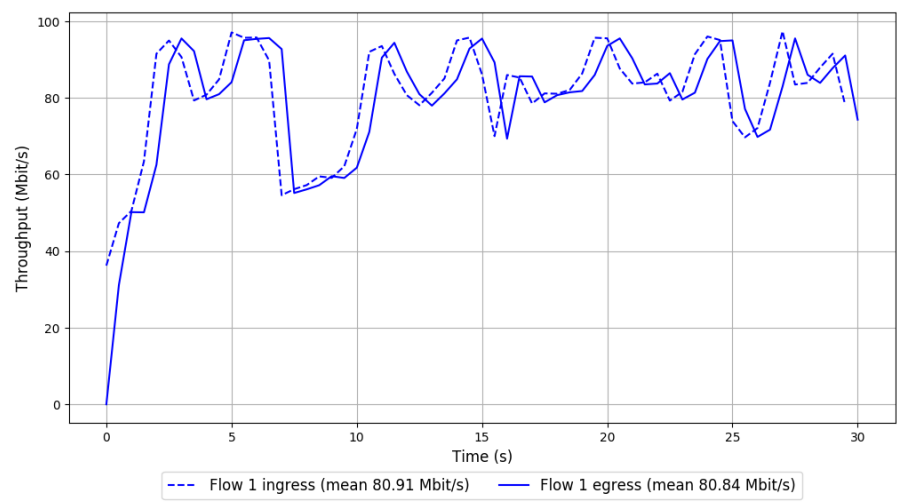


Run 4: Statistics of PCC-Expr

Start at: 2018-08-01 17:31:45
End at: 2018-08-01 17:32:15
Local clock offset: -0.727 ms
Remote clock offset: -14.695 ms

Below is generated by plot.py at 2018-08-01 19:50:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.84 Mbit/s
95th percentile per-packet one-way delay: 32.967 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 80.84 Mbit/s
95th percentile per-packet one-way delay: 32.967 ms
Loss rate: 0.19%

Run 4: Report of PCC-Expr — Data Link

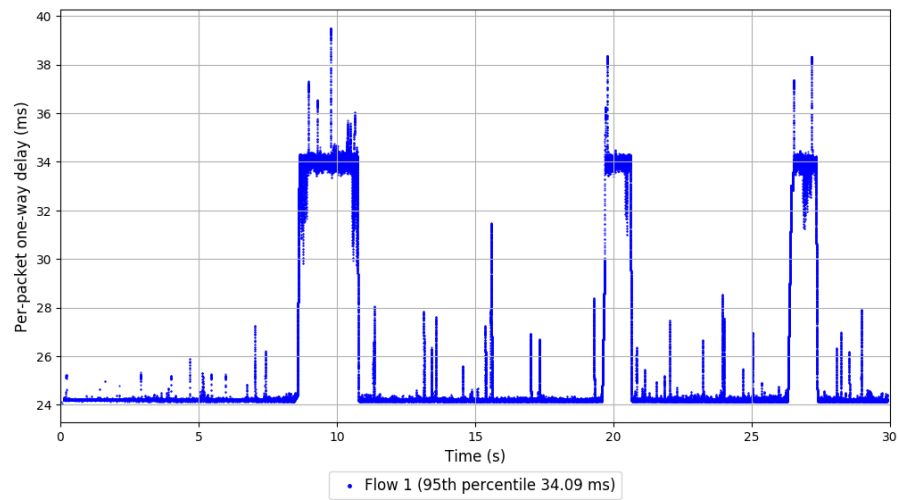
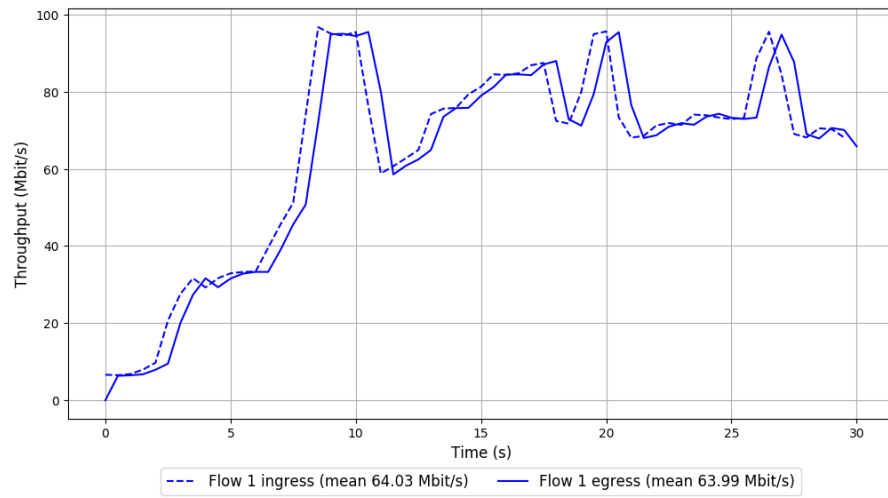


Run 5: Statistics of PCC-Expr

Start at: 2018-08-01 17:51:36
End at: 2018-08-01 17:52:06
Local clock offset: 1.695 ms
Remote clock offset: -12.064 ms

Below is generated by plot.py at 2018-08-01 19:50:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.99 Mbit/s
95th percentile per-packet one-way delay: 34.095 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 63.99 Mbit/s
95th percentile per-packet one-way delay: 34.095 ms
Loss rate: 0.18%

Run 5: Report of PCC-Expr — Data Link

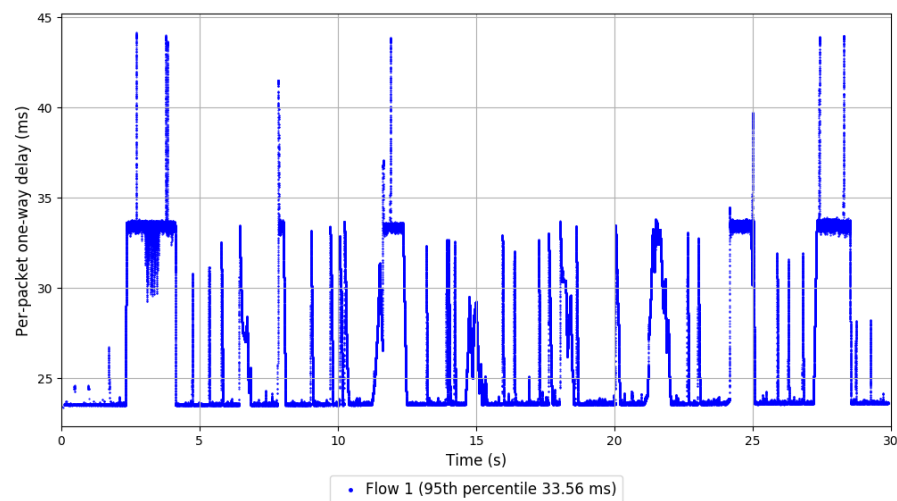
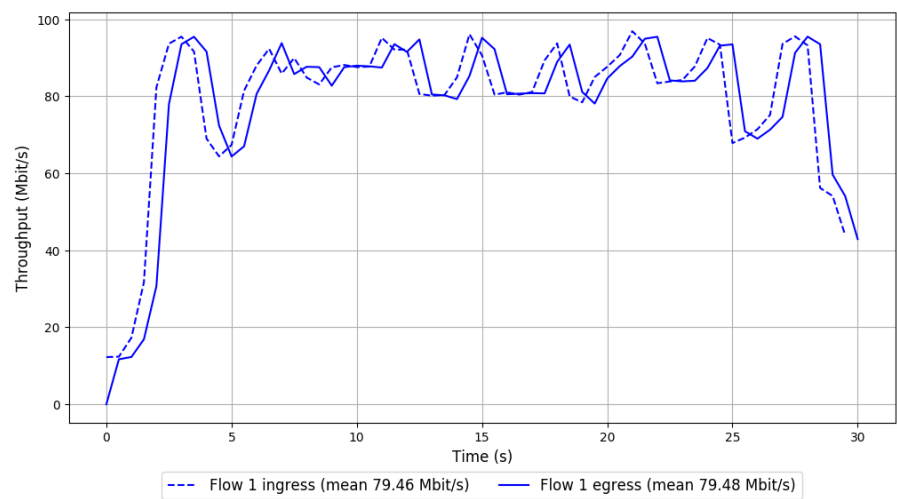


Run 6: Statistics of PCC-Expr

Start at: 2018-08-01 18:11:14
End at: 2018-08-01 18:11:44
Local clock offset: 1.716 ms
Remote clock offset: -8.029 ms

Below is generated by plot.py at 2018-08-01 19:50:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.48 Mbit/s
95th percentile per-packet one-way delay: 33.565 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 79.48 Mbit/s
95th percentile per-packet one-way delay: 33.565 ms
Loss rate: 0.09%

Run 6: Report of PCC-Expr — Data Link

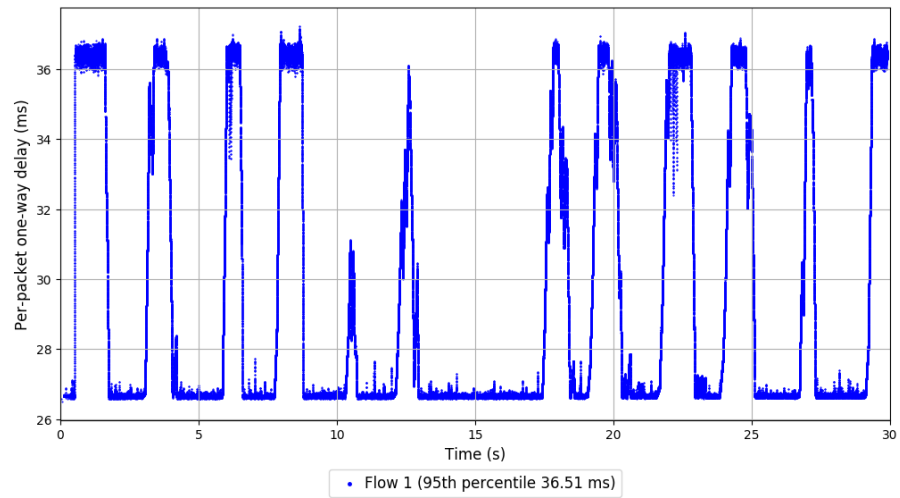
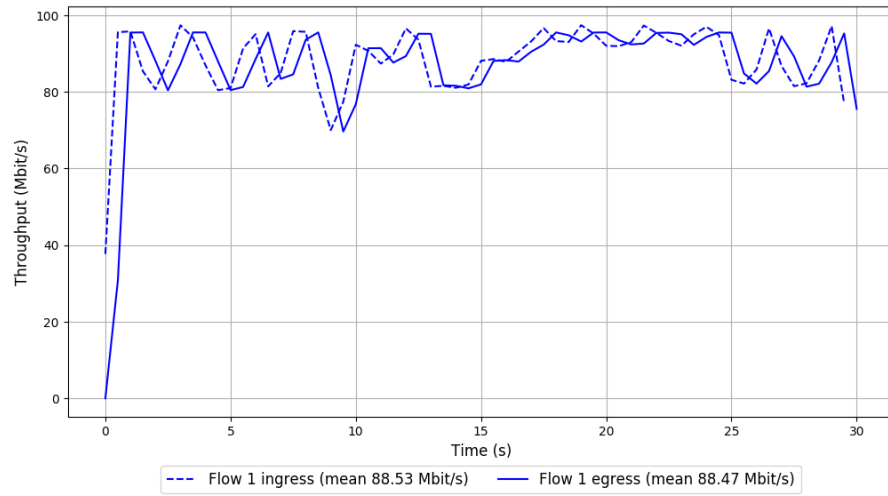


Run 7: Statistics of PCC-Expr

Start at: 2018-08-01 18:31:10
End at: 2018-08-01 18:31:40
Local clock offset: 2.678 ms
Remote clock offset: -8.432 ms

Below is generated by plot.py at 2018-08-01 19:50:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.47 Mbit/s
95th percentile per-packet one-way delay: 36.510 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 88.47 Mbit/s
95th percentile per-packet one-way delay: 36.510 ms
Loss rate: 0.19%

Run 7: Report of PCC-Expr — Data Link

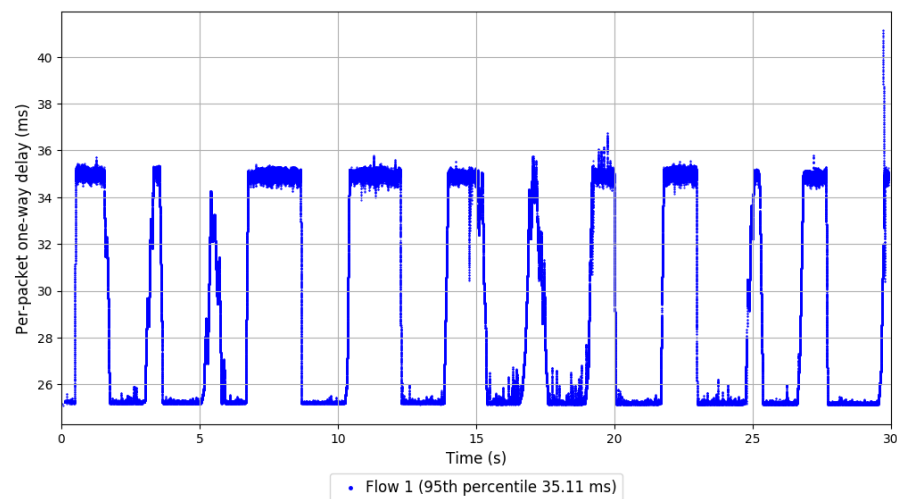
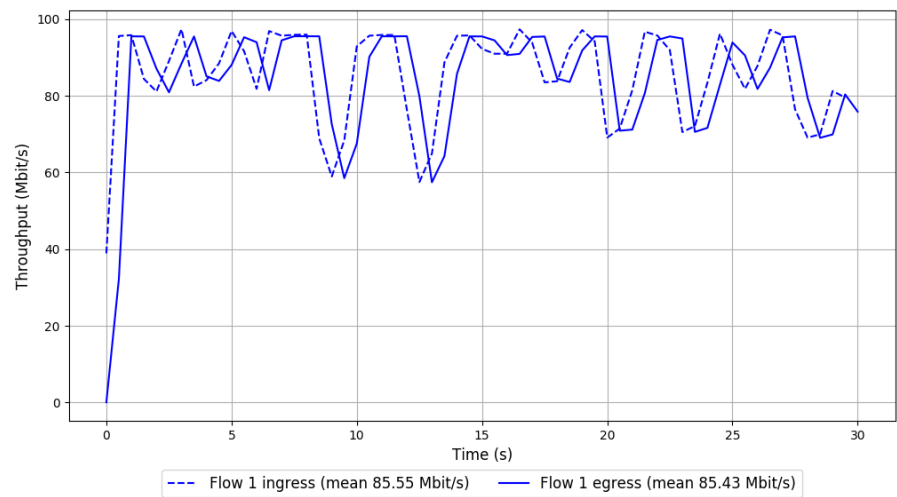


Run 8: Statistics of PCC-Expr

Start at: 2018-08-01 18:50:50
End at: 2018-08-01 18:51:20
Local clock offset: 0.551 ms
Remote clock offset: -12.025 ms

Below is generated by plot.py at 2018-08-01 19:50:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.43 Mbit/s
95th percentile per-packet one-way delay: 35.111 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 85.43 Mbit/s
95th percentile per-packet one-way delay: 35.111 ms
Loss rate: 0.25%

Run 8: Report of PCC-Expr — Data Link

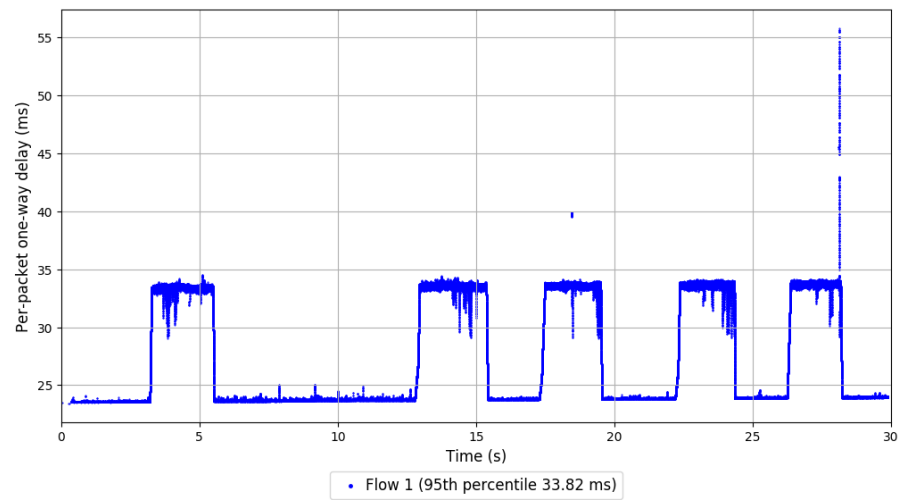
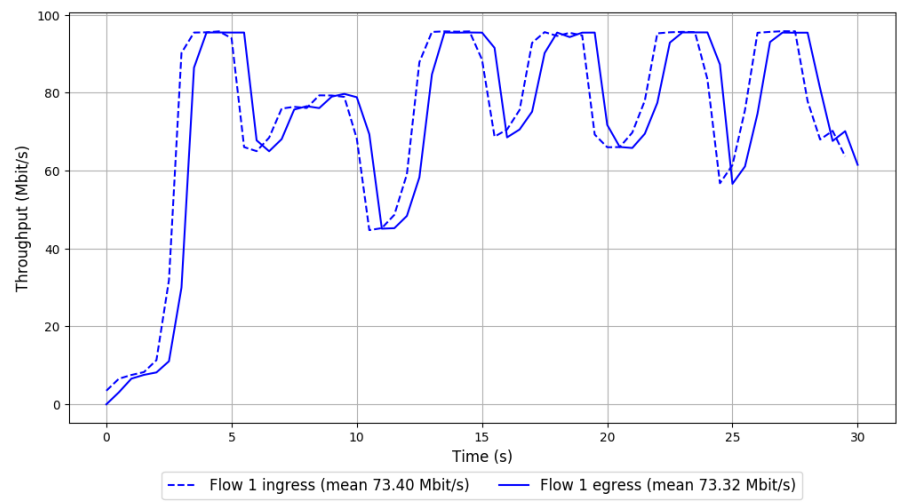


Run 9: Statistics of PCC-Expr

Start at: 2018-08-01 19:10:25
End at: 2018-08-01 19:10:55
Local clock offset: -0.35 ms
Remote clock offset: -8.807 ms

Below is generated by plot.py at 2018-08-01 19:51:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.32 Mbit/s
95th percentile per-packet one-way delay: 33.822 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 73.32 Mbit/s
95th percentile per-packet one-way delay: 33.822 ms
Loss rate: 0.21%

Run 9: Report of PCC-Expr — Data Link



Run 10: Statistics of PCC-Expr

Start at: 2018-08-01 19:30:06

End at: 2018-08-01 19:30:36

Local clock offset: -2.396 ms

Remote clock offset: -4.21 ms

Below is generated by plot.py at 2018-08-01 19:52:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.25 Mbit/s

95th percentile per-packet one-way delay: 35.169 ms

Loss rate: 0.12%

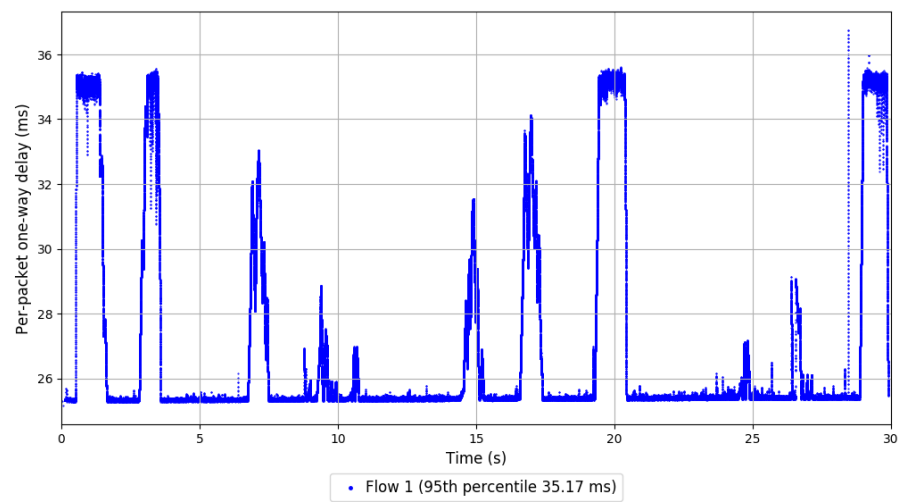
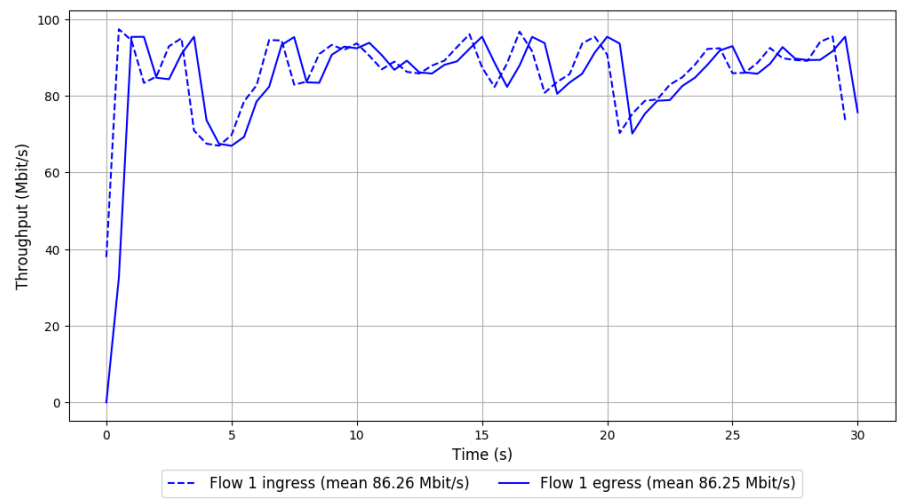
-- Flow 1:

Average throughput: 86.25 Mbit/s

95th percentile per-packet one-way delay: 35.169 ms

Loss rate: 0.12%

Run 10: Report of PCC-Expr — Data Link

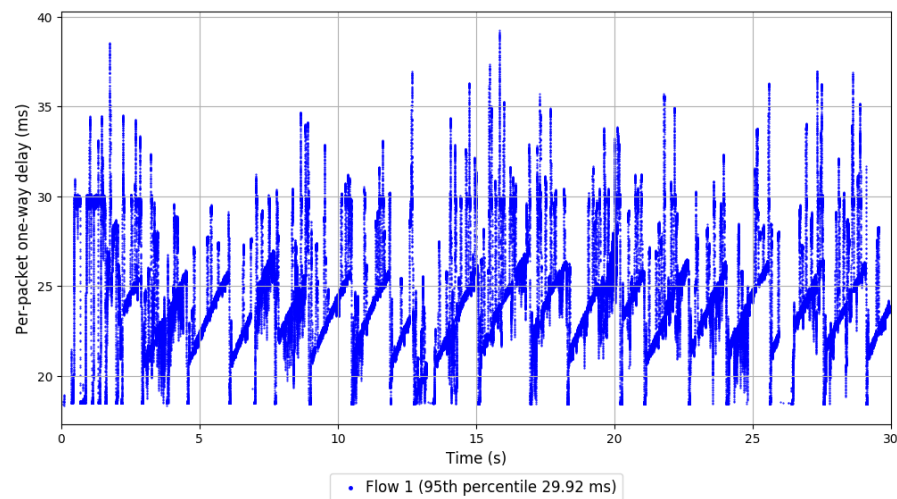
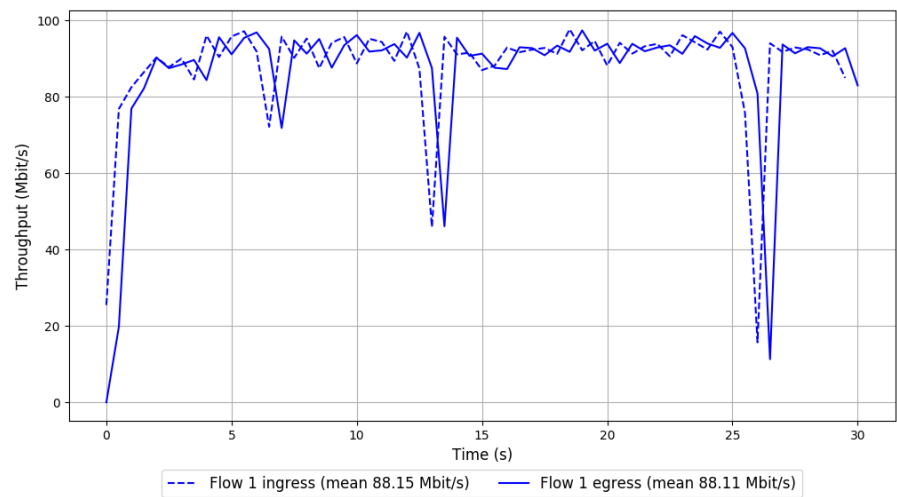


Run 1: Statistics of QUIC Cubic

Start at: 2018-08-01 16:17:49
End at: 2018-08-01 16:18:19
Local clock offset: 1.933 ms
Remote clock offset: -12.749 ms

Below is generated by plot.py at 2018-08-01 19:52:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.11 Mbit/s
95th percentile per-packet one-way delay: 29.923 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 88.11 Mbit/s
95th percentile per-packet one-way delay: 29.923 ms
Loss rate: 0.13%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-08-01 16:37:44

End at: 2018-08-01 16:38:14

Local clock offset: 4.202 ms

Remote clock offset: -7.111 ms

Below is generated by plot.py at 2018-08-01 19:52:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.86 Mbit/s

95th percentile per-packet one-way delay: 38.320 ms

Loss rate: 0.14%

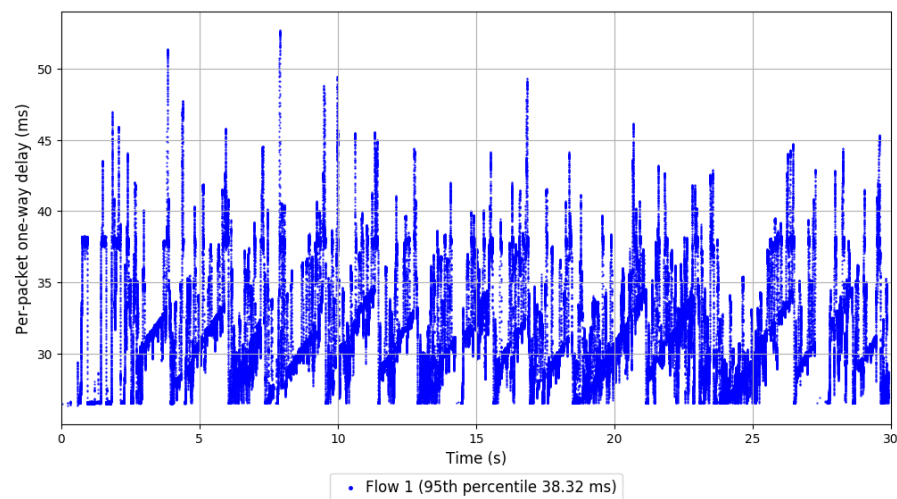
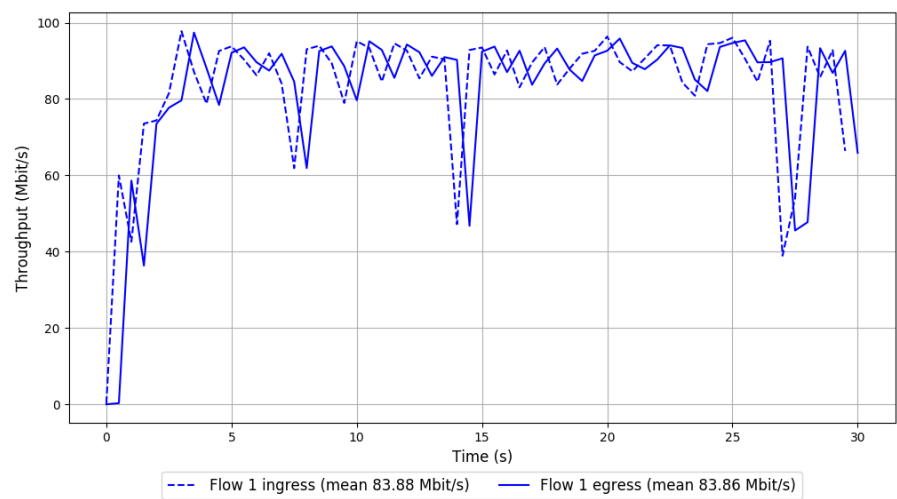
-- Flow 1:

Average throughput: 83.86 Mbit/s

95th percentile per-packet one-way delay: 38.320 ms

Loss rate: 0.14%

Run 2: Report of QUIC Cubic — Data Link

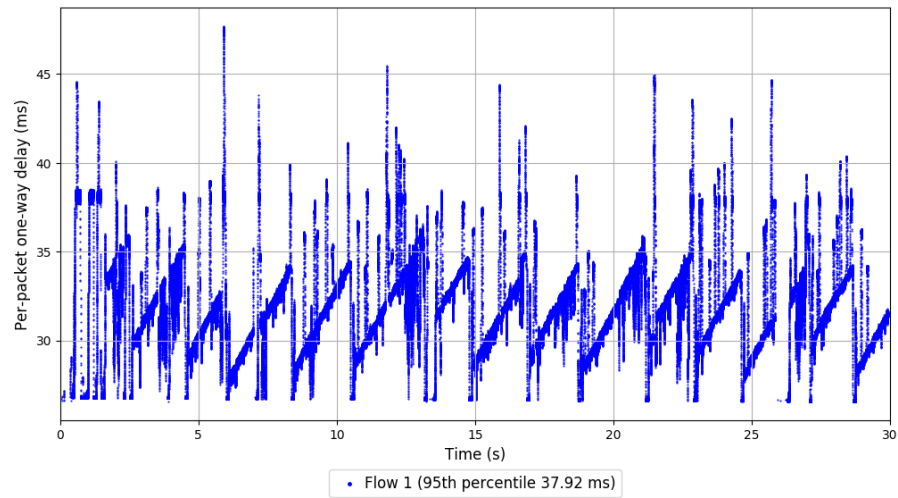
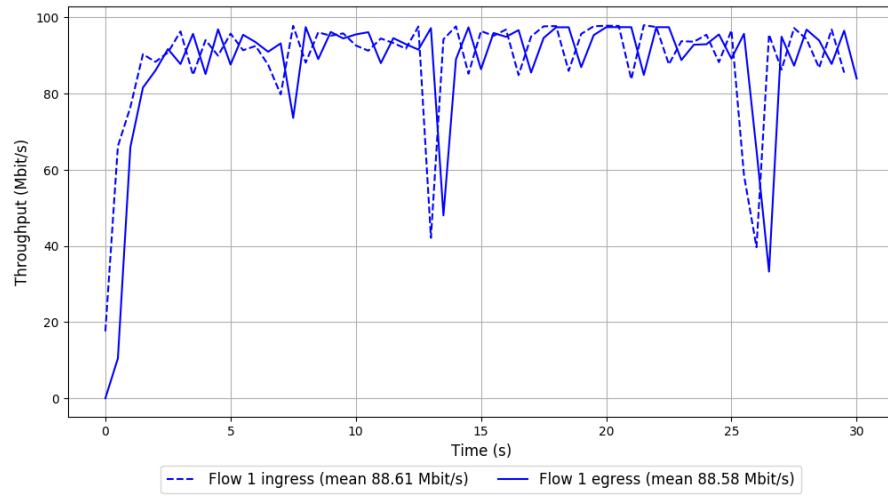


Run 3: Statistics of QUIC Cubic

Start at: 2018-08-01 16:57:13
End at: 2018-08-01 16:57:43
Local clock offset: 3.003 ms
Remote clock offset: -10.738 ms

Below is generated by plot.py at 2018-08-01 19:52:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.58 Mbit/s
95th percentile per-packet one-way delay: 37.916 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 88.58 Mbit/s
95th percentile per-packet one-way delay: 37.916 ms
Loss rate: 0.15%

Run 3: Report of QUIC Cubic — Data Link

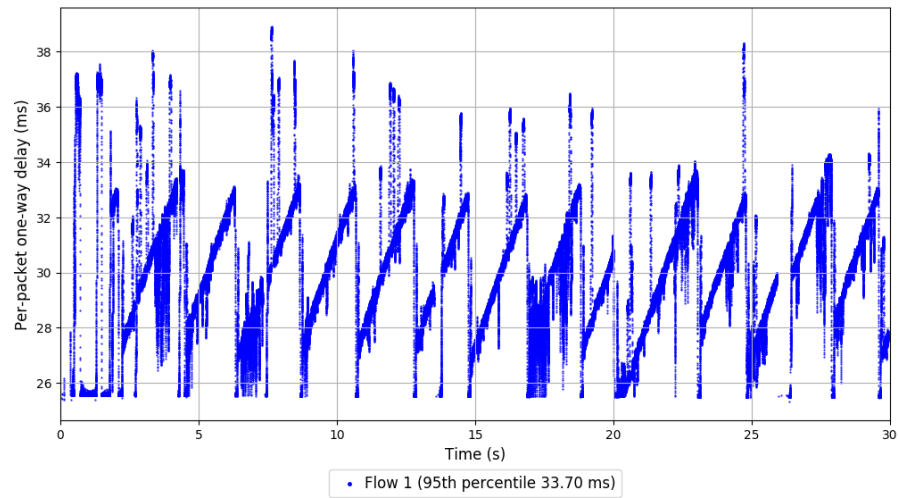
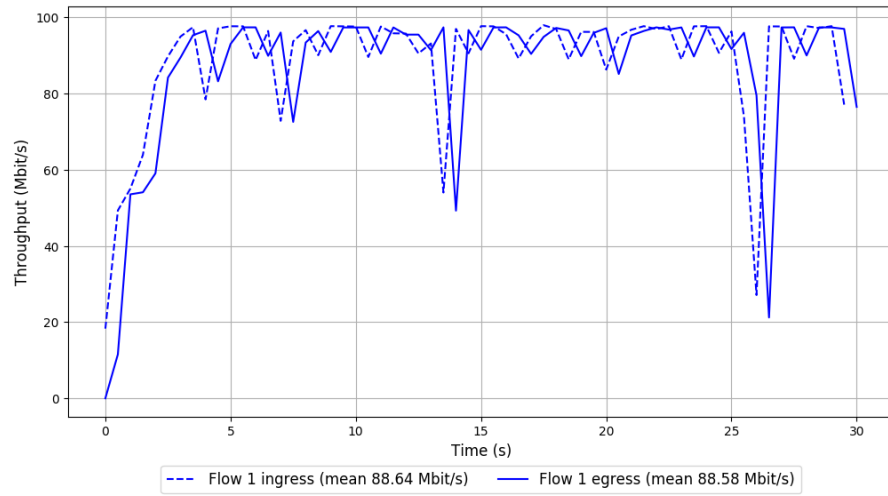


Run 4: Statistics of QUIC Cubic

Start at: 2018-08-01 17:16:55
End at: 2018-08-01 17:17:25
Local clock offset: 1.091 ms
Remote clock offset: -16.116 ms

Below is generated by plot.py at 2018-08-01 19:52:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.58 Mbit/s
95th percentile per-packet one-way delay: 33.700 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 88.58 Mbit/s
95th percentile per-packet one-way delay: 33.700 ms
Loss rate: 0.18%

Run 4: Report of QUIC Cubic — Data Link

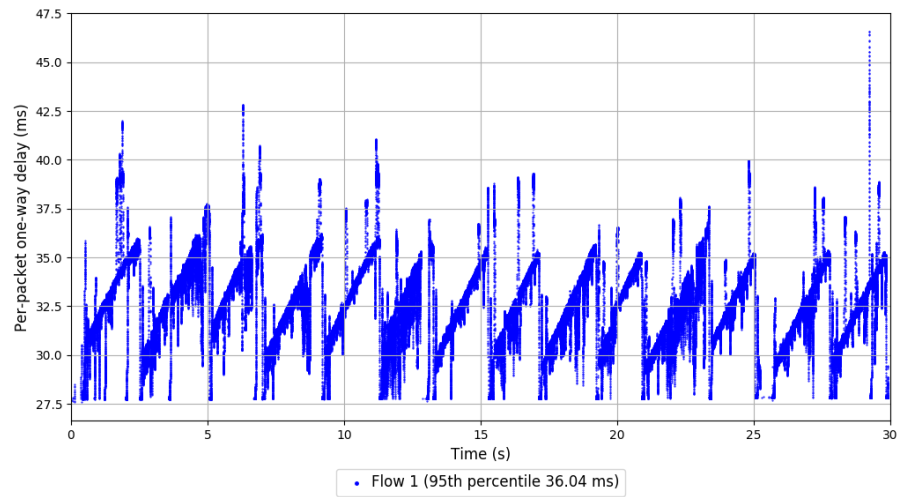
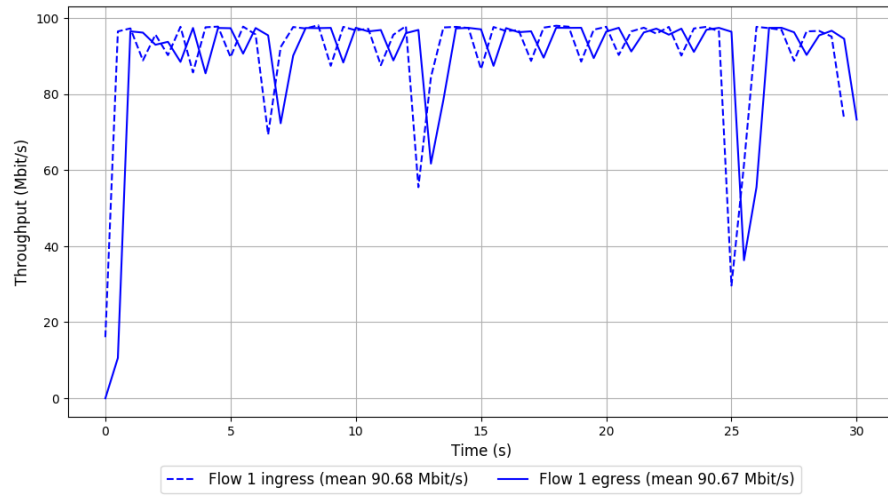


Run 5: Statistics of QUIC Cubic

Start at: 2018-08-01 17:36:24
End at: 2018-08-01 17:36:54
Local clock offset: 2.277 ms
Remote clock offset: -15.709 ms

Below is generated by plot.py at 2018-08-01 19:52:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.67 Mbit/s
95th percentile per-packet one-way delay: 36.040 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 90.67 Mbit/s
95th percentile per-packet one-way delay: 36.040 ms
Loss rate: 0.13%

Run 5: Report of QUIC Cubic — Data Link

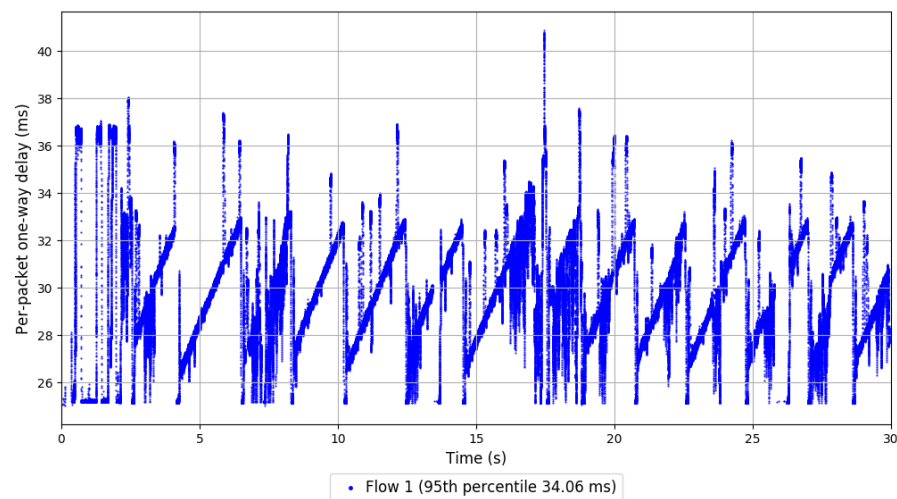
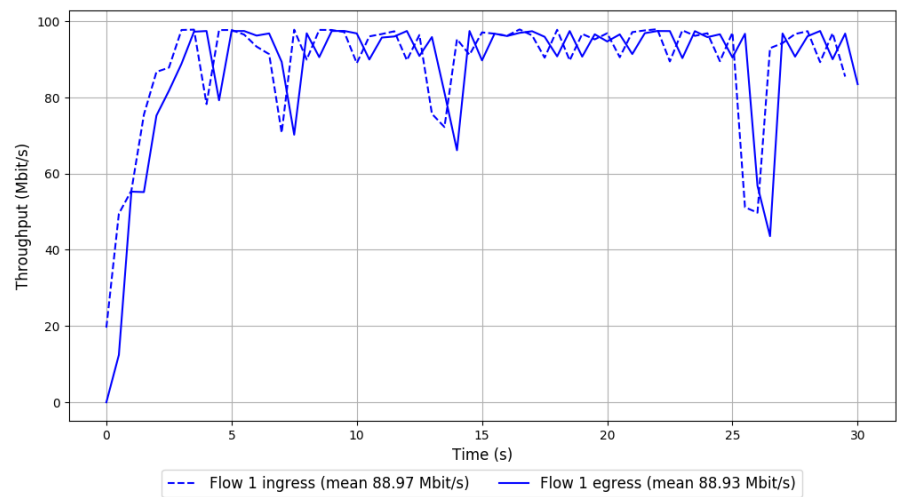


Run 6: Statistics of QUIC Cubic

Start at: 2018-08-01 17:56:10
End at: 2018-08-01 17:56:40
Local clock offset: -0.351 ms
Remote clock offset: -15.229 ms

Below is generated by plot.py at 2018-08-01 19:52:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.93 Mbit/s
95th percentile per-packet one-way delay: 34.057 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 88.93 Mbit/s
95th percentile per-packet one-way delay: 34.057 ms
Loss rate: 0.16%

Run 6: Report of QUIC Cubic — Data Link

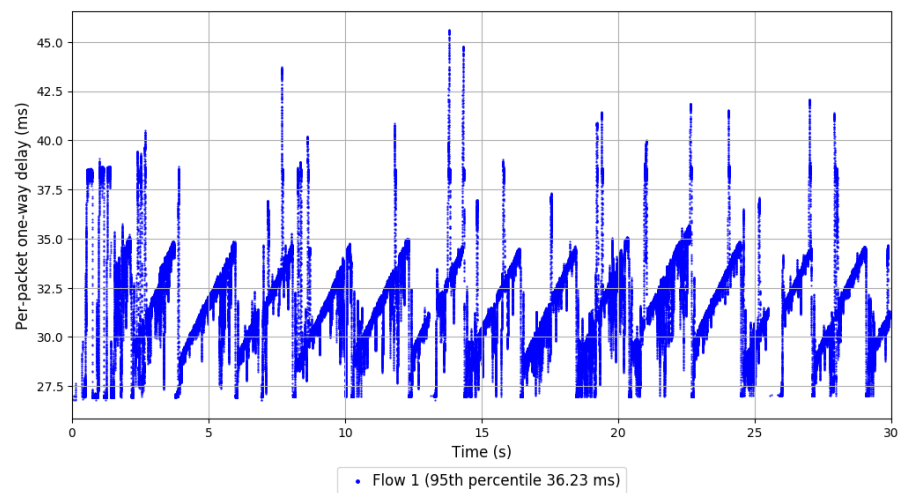
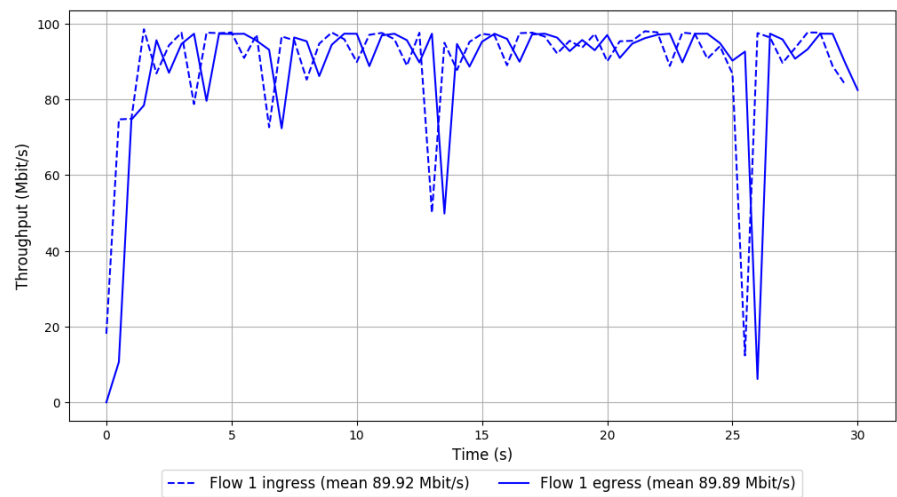


Run 7: Statistics of QUIC Cubic

Start at: 2018-08-01 18:15:49
End at: 2018-08-01 18:16:19
Local clock offset: 2.034 ms
Remote clock offset: -10.317 ms

Below is generated by plot.py at 2018-08-01 19:52:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.89 Mbit/s
95th percentile per-packet one-way delay: 36.234 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 89.89 Mbit/s
95th percentile per-packet one-way delay: 36.234 ms
Loss rate: 0.14%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-08-01 18:35:53

End at: 2018-08-01 18:36:23

Local clock offset: 0.811 ms

Remote clock offset: -8.794 ms

Below is generated by plot.py at 2018-08-01 19:52:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.72 Mbit/s

95th percentile per-packet one-way delay: 33.365 ms

Loss rate: 0.15%

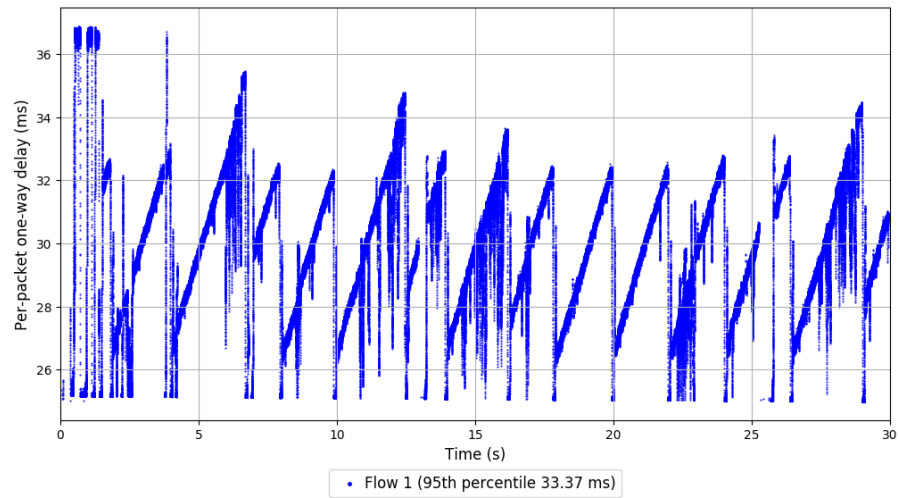
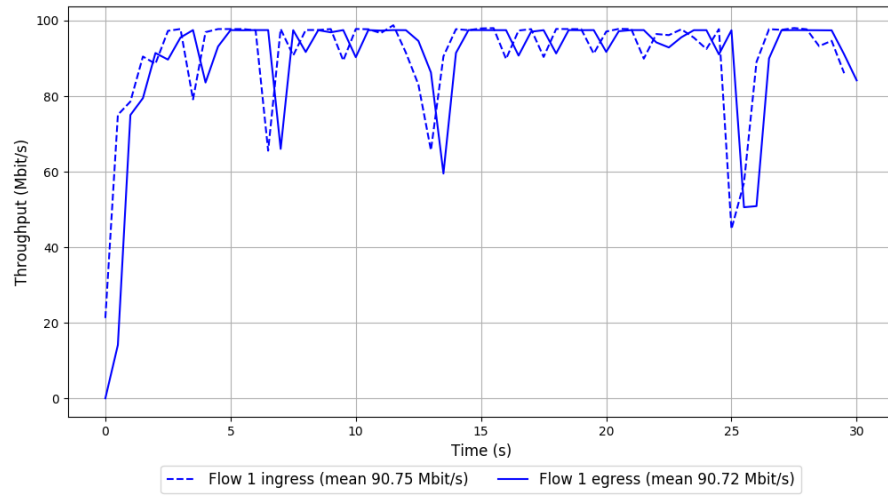
-- Flow 1:

Average throughput: 90.72 Mbit/s

95th percentile per-packet one-way delay: 33.365 ms

Loss rate: 0.15%

Run 8: Report of QUIC Cubic — Data Link

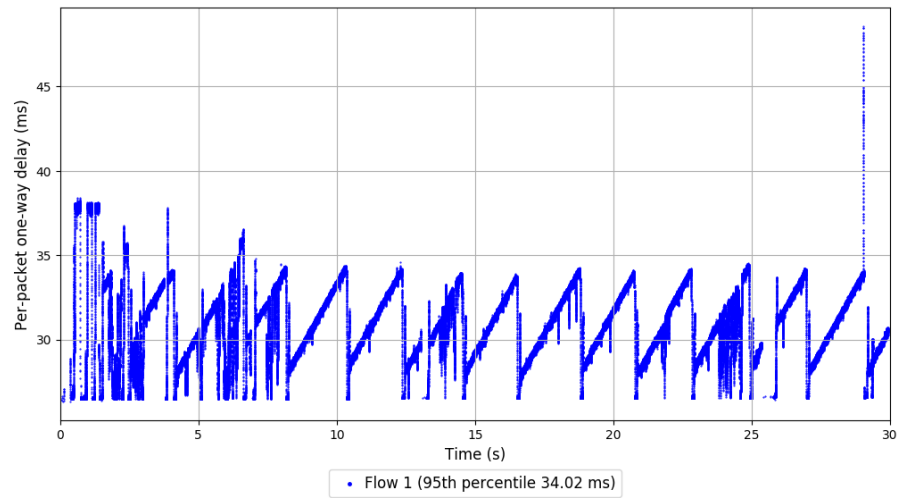
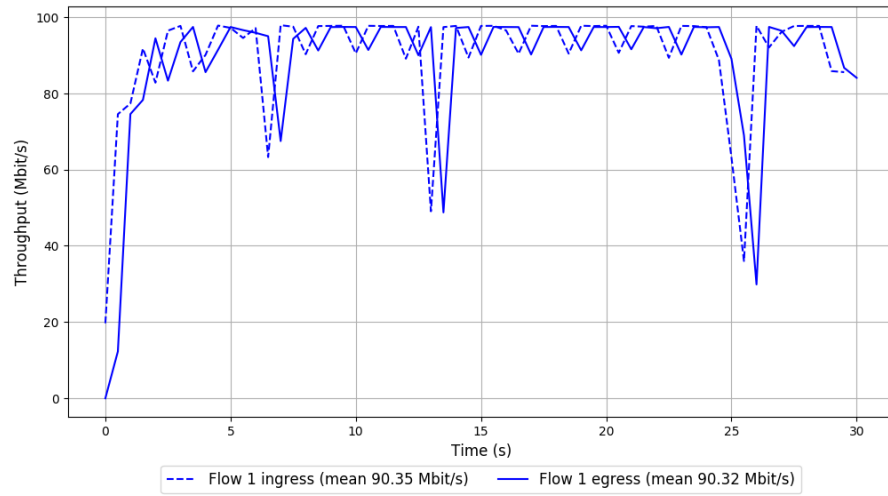


Run 9: Statistics of QUIC Cubic

Start at: 2018-08-01 18:55:27
End at: 2018-08-01 18:55:57
Local clock offset: 1.42 ms
Remote clock offset: -11.772 ms

Below is generated by plot.py at 2018-08-01 19:52:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.32 Mbit/s
95th percentile per-packet one-way delay: 34.017 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 90.32 Mbit/s
95th percentile per-packet one-way delay: 34.017 ms
Loss rate: 0.14%

Run 9: Report of QUIC Cubic — Data Link

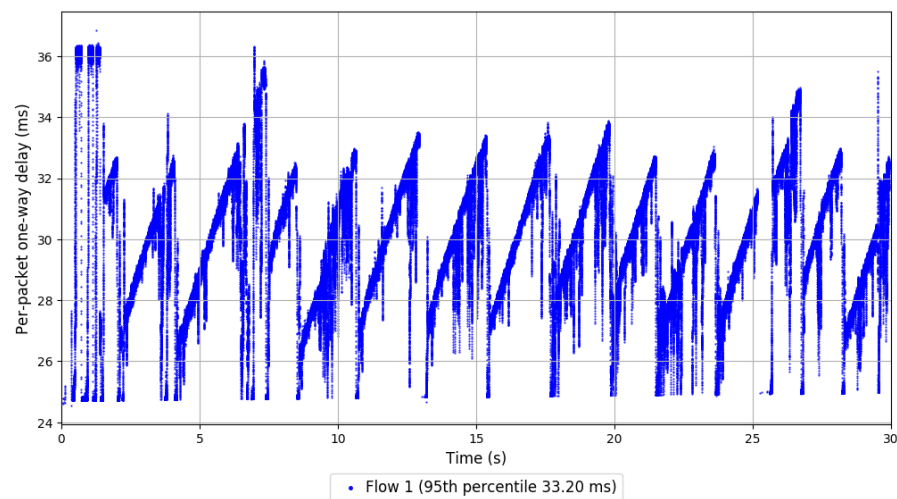
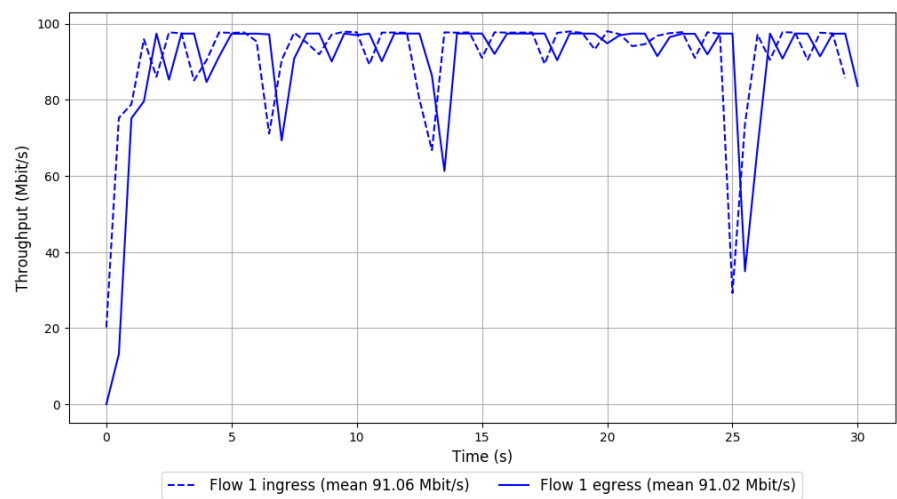


Run 10: Statistics of QUIC Cubic

Start at: 2018-08-01 19:15:05
End at: 2018-08-01 19:15:35
Local clock offset: -2.227 ms
Remote clock offset: -8.623 ms

Below is generated by plot.py at 2018-08-01 19:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.02 Mbit/s
95th percentile per-packet one-way delay: 33.205 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 91.02 Mbit/s
95th percentile per-packet one-way delay: 33.205 ms
Loss rate: 0.15%

Run 10: Report of QUIC Cubic — Data Link

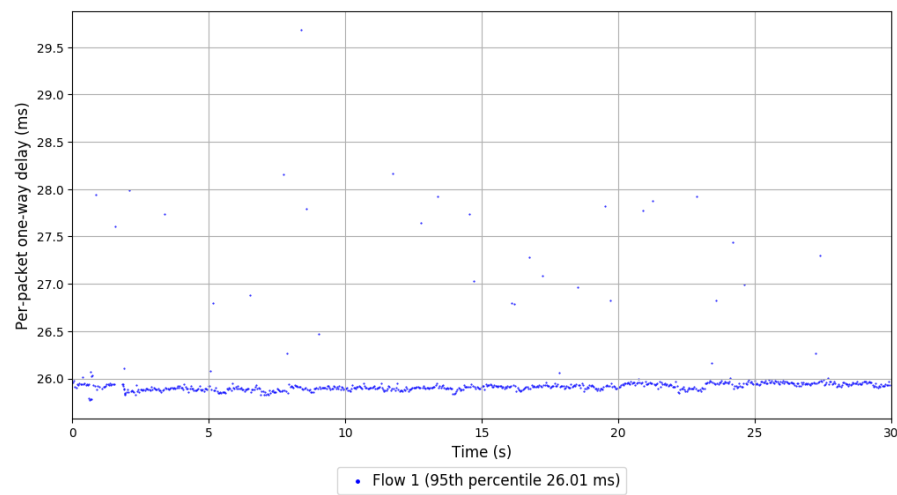
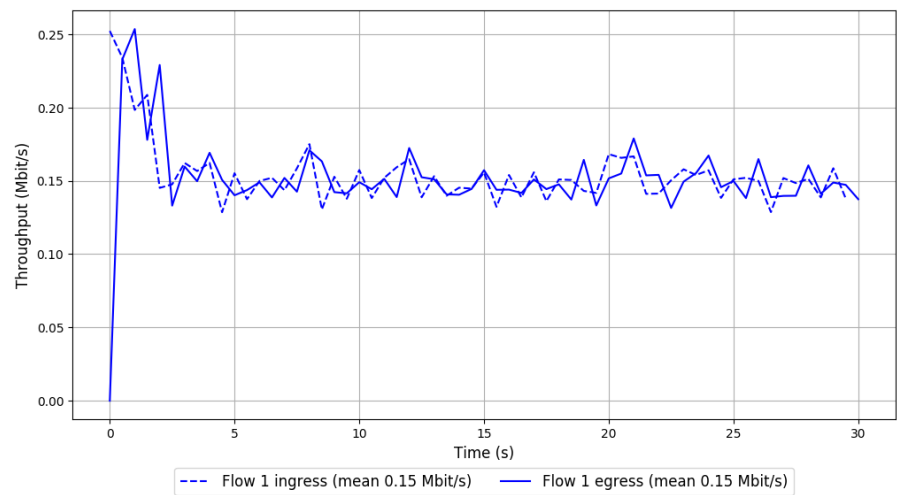


```
Run 1: Statistics of SCReAM

Start at: 2018-08-01 16:29:30
End at: 2018-08-01 16:30:00
Local clock offset: 2.822 ms
Remote clock offset: -9.341 ms

# Below is generated by plot.py at 2018-08-01 19:52:57
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 26.010 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 26.010 ms
Loss rate: 0.13%
```


Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2018-08-01 16:49:07

End at: 2018-08-01 16:49:37

Local clock offset: 3.273 ms

Remote clock offset: -5.19 ms

Below is generated by plot.py at 2018-08-01 19:52:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 24.141 ms

Loss rate: 0.13%

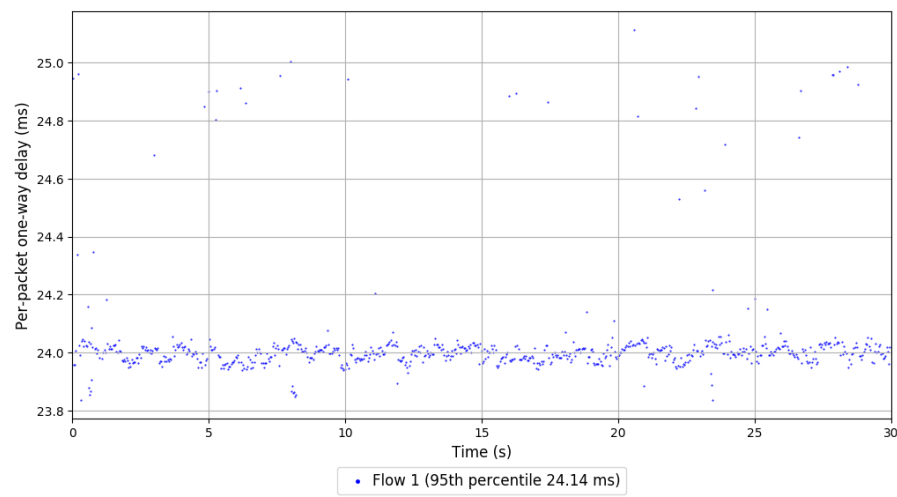
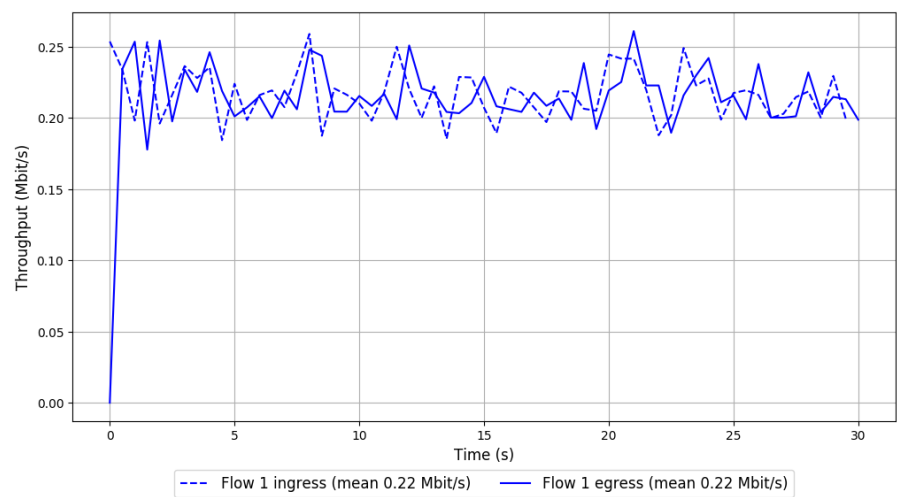
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 24.141 ms

Loss rate: 0.13%

Run 2: Report of SReAM — Data Link

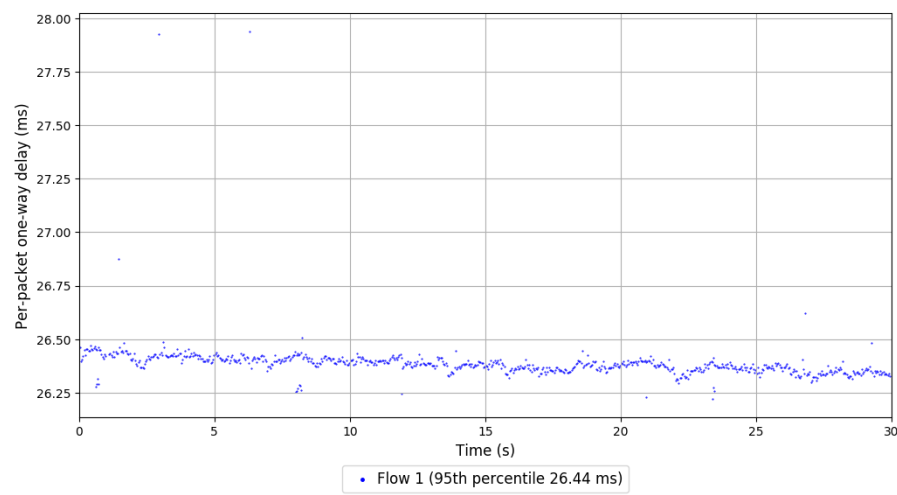
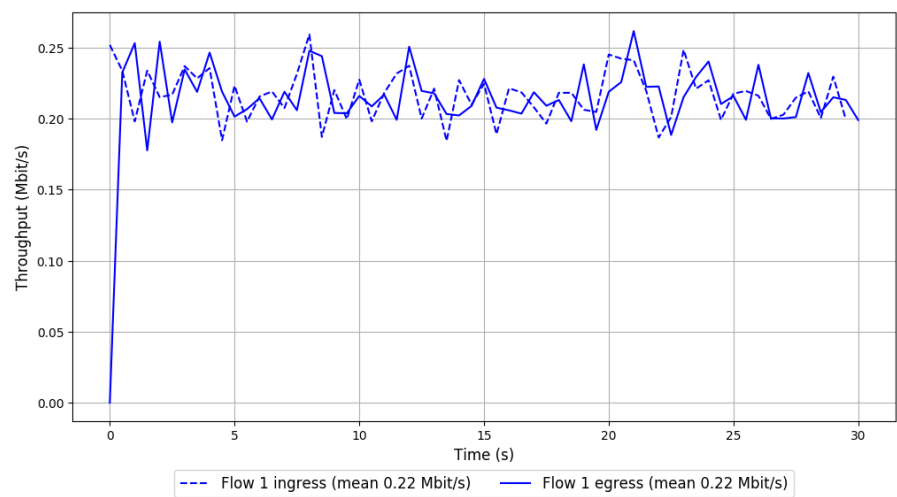


Run 3: Statistics of SCReAM

Start at: 2018-08-01 17:08:50
End at: 2018-08-01 17:09:20
Local clock offset: 1.301 ms
Remote clock offset: -15.483 ms

Below is generated by plot.py at 2018-08-01 19:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 26.438 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 26.438 ms
Loss rate: 0.13%

Run 3: Report of SReAM — Data Link

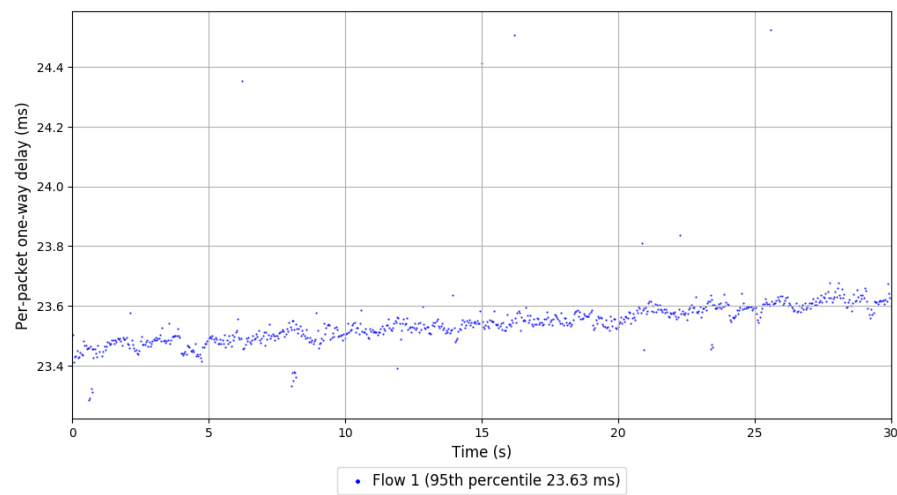
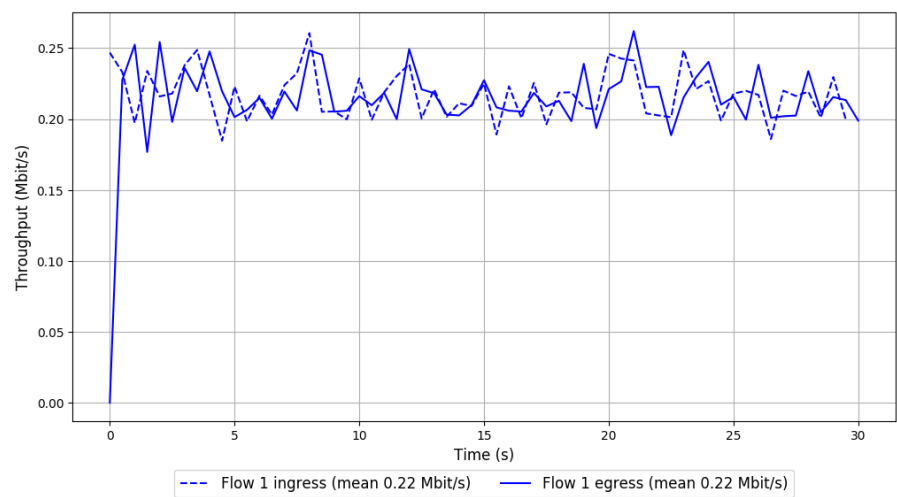


Run 4: Statistics of SReAM

Start at: 2018-08-01 17:28:21
End at: 2018-08-01 17:28:51
Local clock offset: 0.181 ms
Remote clock offset: -15.364 ms

Below is generated by plot.py at 2018-08-01 19:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.628 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 23.628 ms
Loss rate: 0.13%

Run 4: Report of SReAM — Data Link

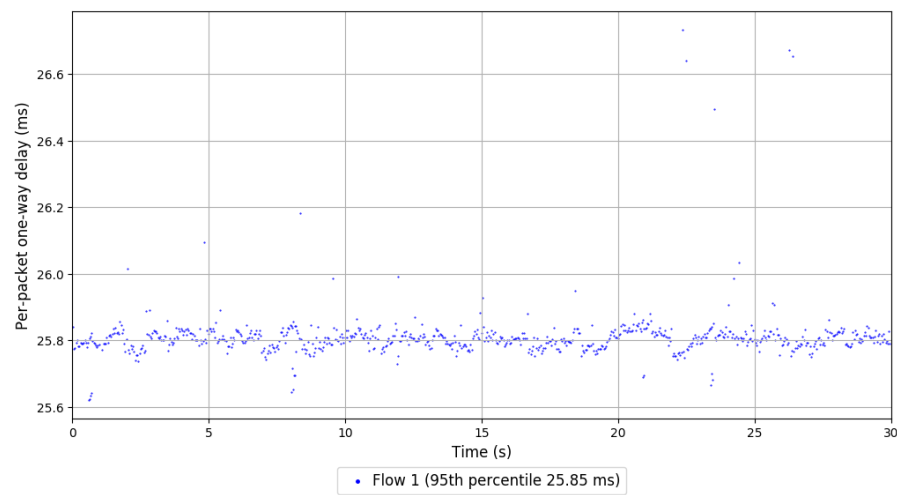
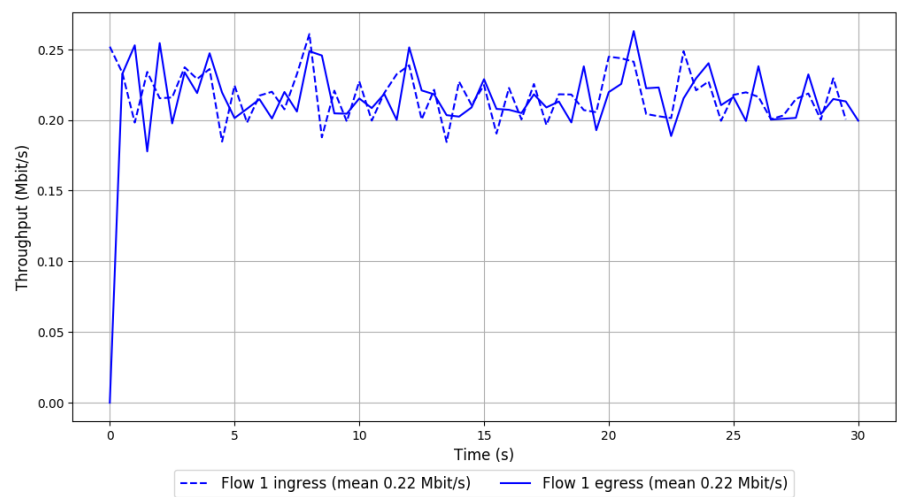


Run 5: Statistics of SCReAM

Start at: 2018-08-01 17:48:10
End at: 2018-08-01 17:48:40
Local clock offset: 2.224 ms
Remote clock offset: -13.091 ms

Below is generated by plot.py at 2018-08-01 19:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.849 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.849 ms
Loss rate: 0.13%

Run 5: Report of SReAM — Data Link

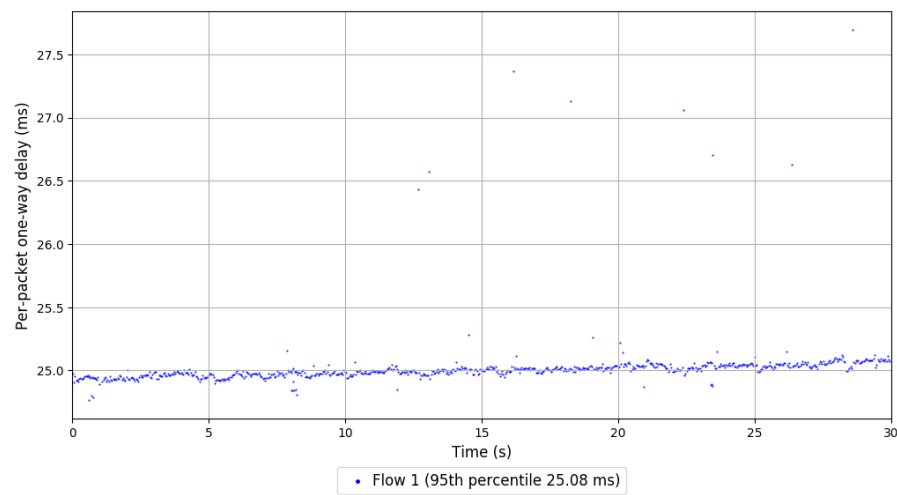
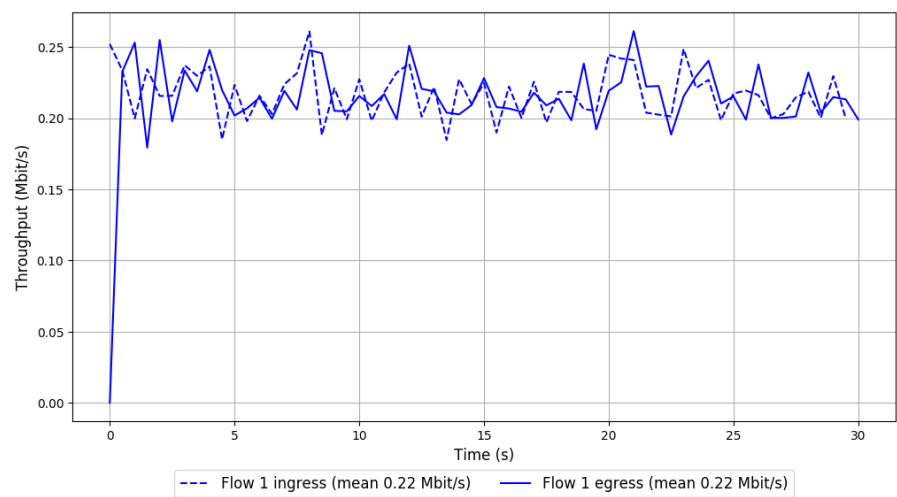


Run 6: Statistics of SCReAM

Start at: 2018-08-01 18:07:47
End at: 2018-08-01 18:08:17
Local clock offset: 1.306 ms
Remote clock offset: -10.646 ms

Below is generated by plot.py at 2018-08-01 19:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.081 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 25.081 ms
Loss rate: 0.13%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2018-08-01 18:27:41

End at: 2018-08-01 18:28:12

Local clock offset: -0.572 ms

Remote clock offset: -6.21 ms

Below is generated by plot.py at 2018-08-01 19:52:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 21.135 ms

Loss rate: 0.13%

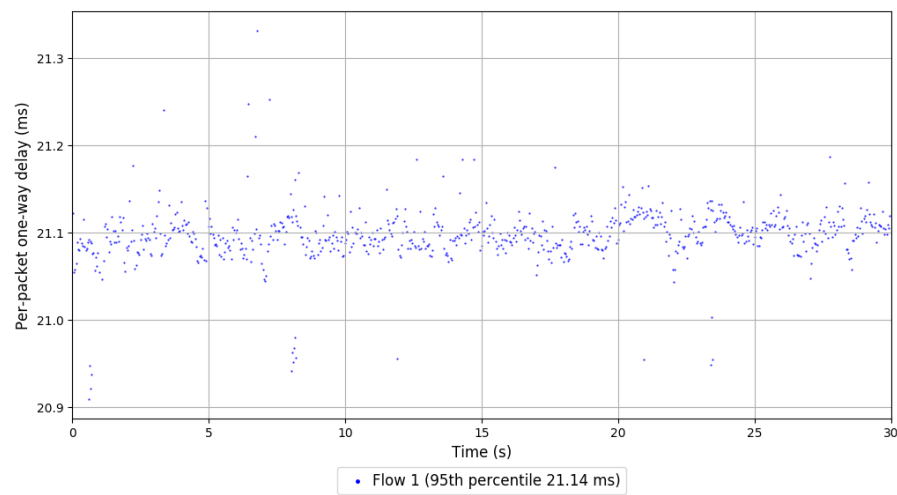
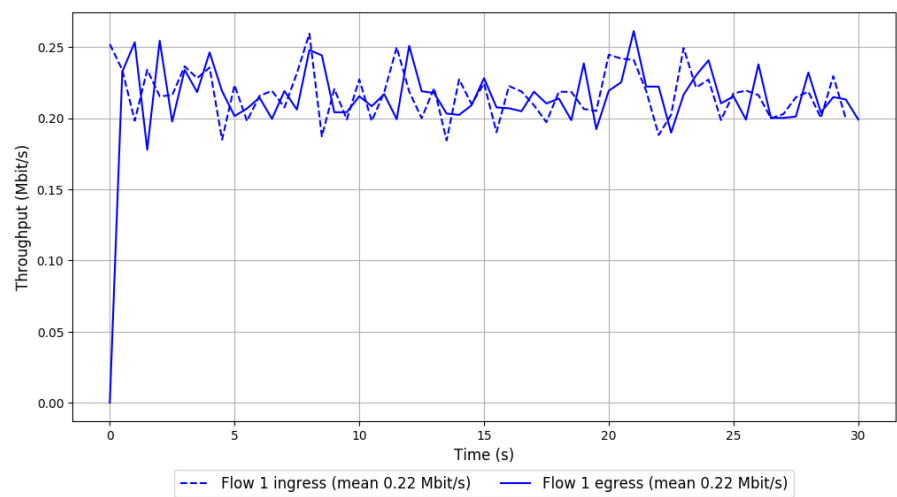
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 21.135 ms

Loss rate: 0.13%

Run 7: Report of SReAM — Data Link

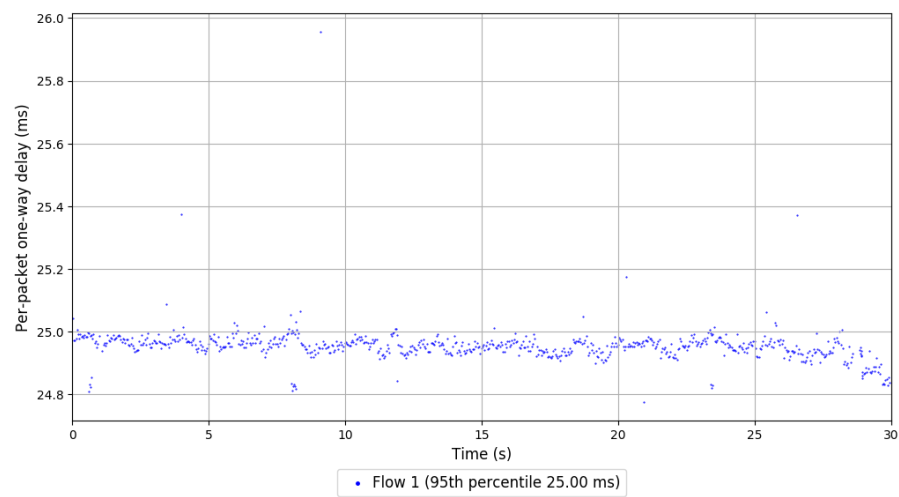
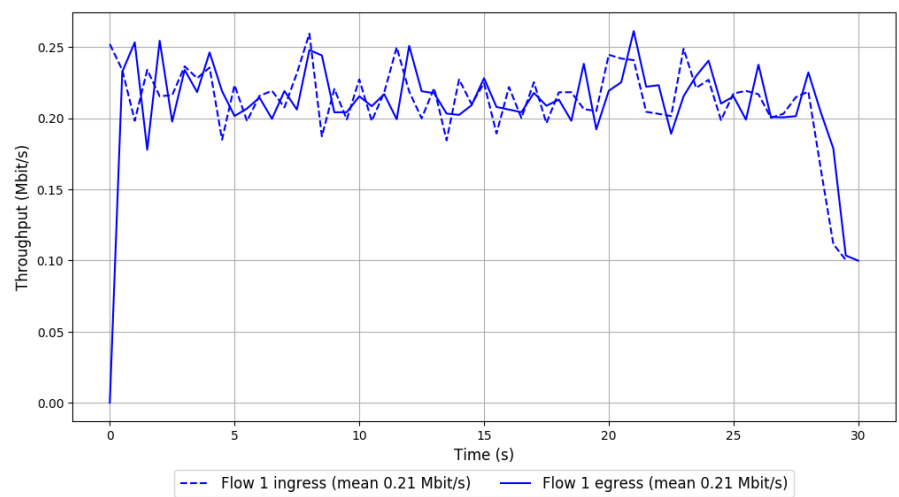


Run 8: Statistics of SCReAM

Start at: 2018-08-01 18:47:19
End at: 2018-08-01 18:47:49
Local clock offset: 2.736 ms
Remote clock offset: -9.222 ms

Below is generated by plot.py at 2018-08-01 19:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 24.996 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 24.996 ms
Loss rate: 0.07%

Run 8: Report of SReAM — Data Link

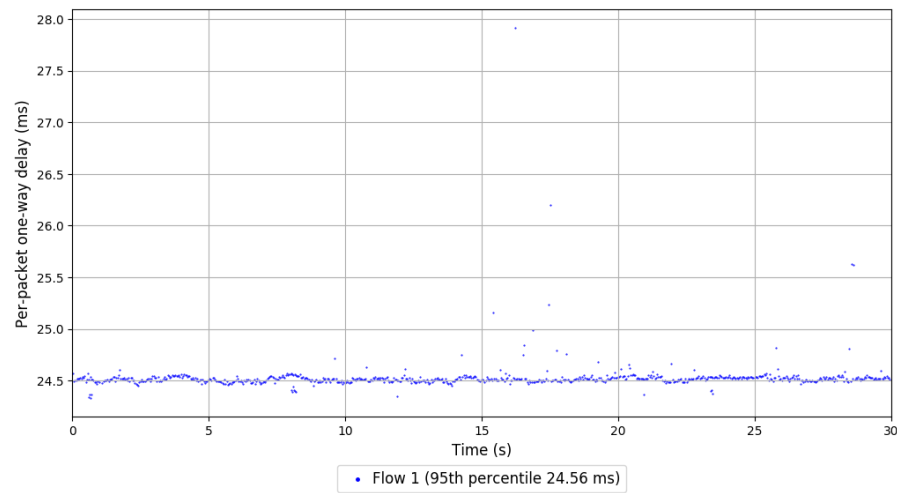
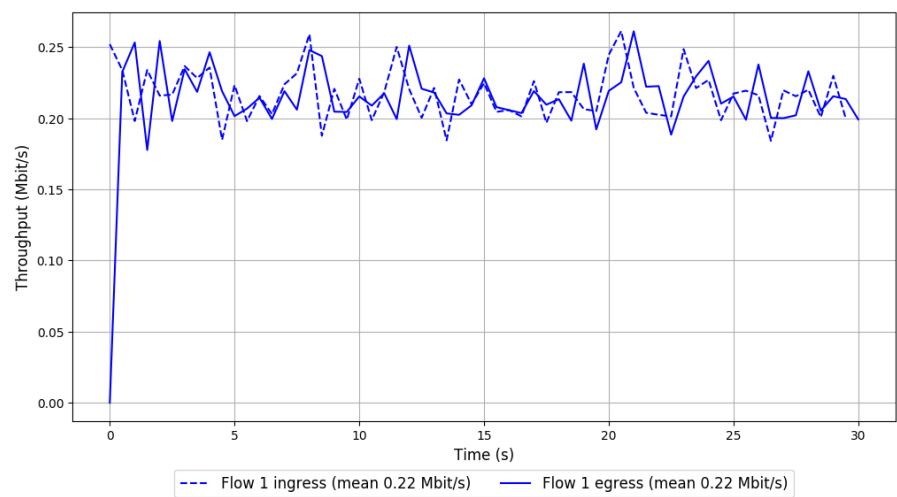


Run 9: Statistics of SCReAM

Start at: 2018-08-01 19:06:55
End at: 2018-08-01 19:07:25
Local clock offset: -0.013 ms
Remote clock offset: -10.022 ms

Below is generated by plot.py at 2018-08-01 19:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 24.564 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 24.564 ms
Loss rate: 0.13%

Run 9: Report of SReAM — Data Link

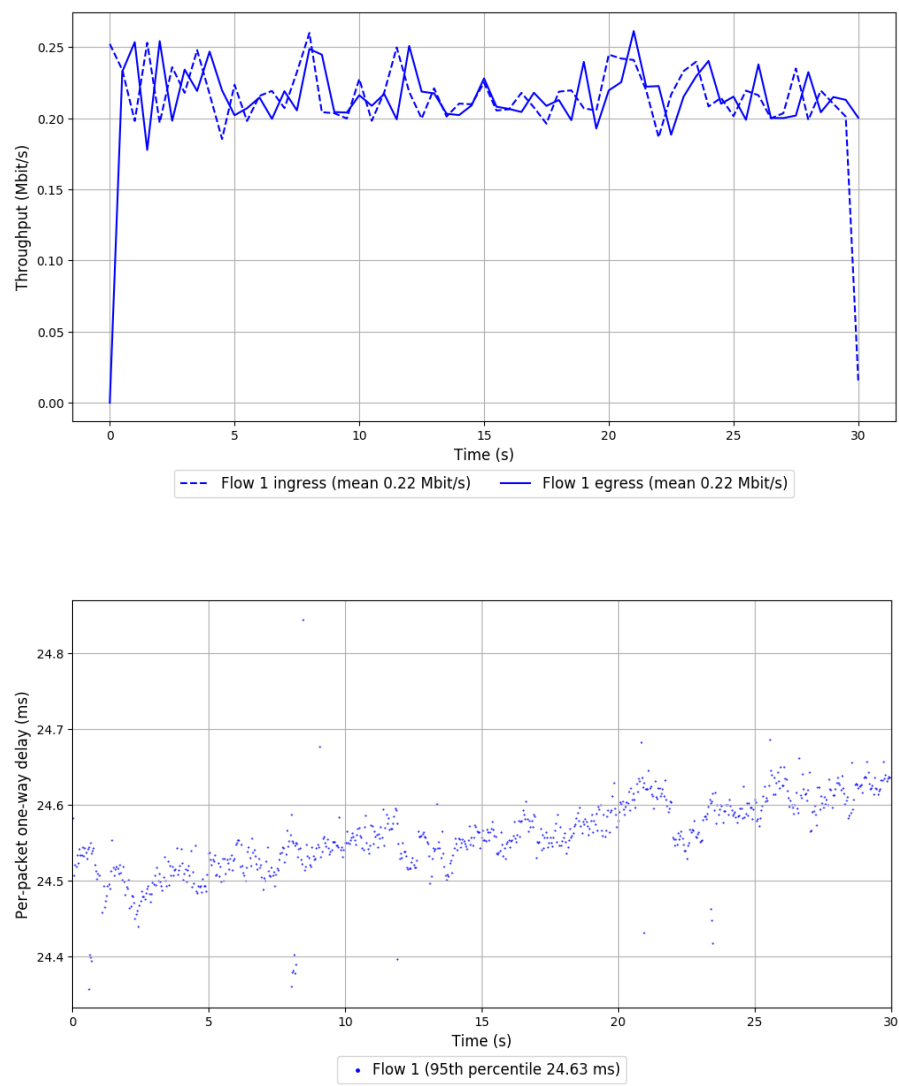


Run 10: Statistics of SReAM

Start at: 2018-08-01 19:26:37
End at: 2018-08-01 19:27:07
Local clock offset: -1.286 ms
Remote clock offset: -3.121 ms

Below is generated by plot.py at 2018-08-01 19:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 24.632 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 24.632 ms
Loss rate: 0.25%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2018-08-01 16:25:52

End at: 2018-08-01 16:26:22

Local clock offset: 2.371 ms

Remote clock offset: -8.623 ms

Below is generated by plot.py at 2018-08-01 19:52:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 19.47 Mbit/s

95th percentile per-packet one-way delay: 24.960 ms

Loss rate: 0.11%

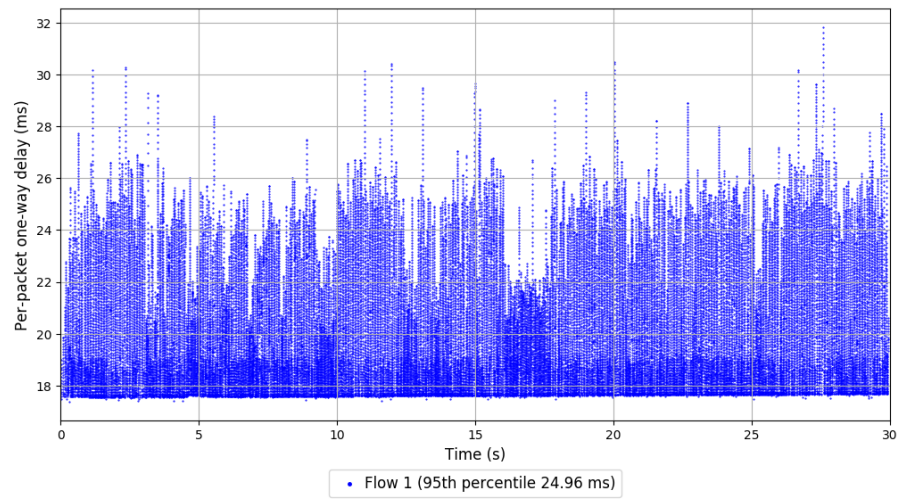
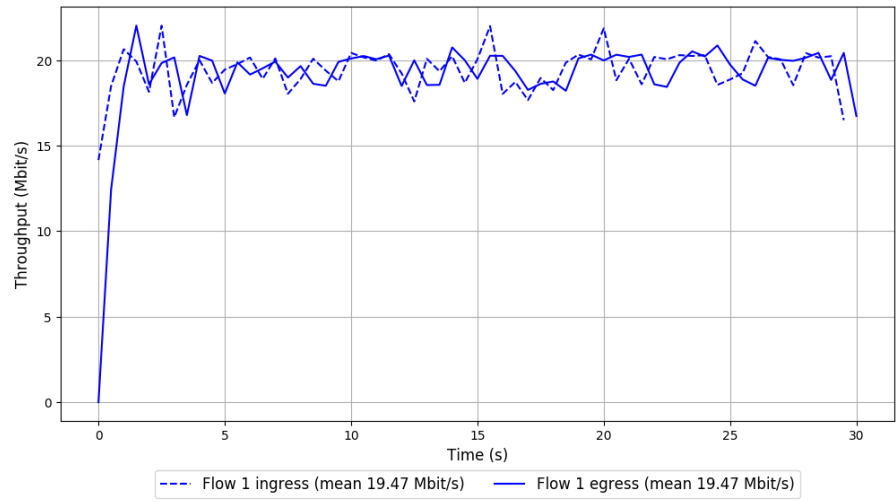
-- Flow 1:

Average throughput: 19.47 Mbit/s

95th percentile per-packet one-way delay: 24.960 ms

Loss rate: 0.11%

Run 1: Report of Sprout — Data Link

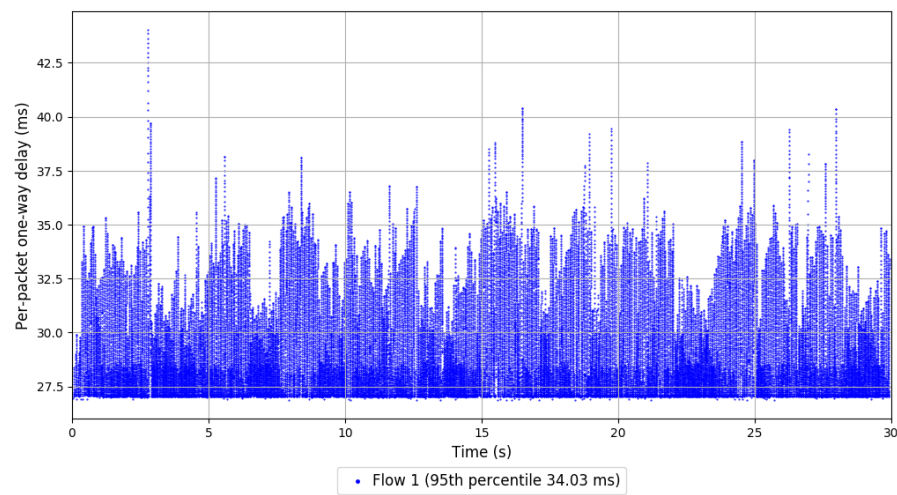
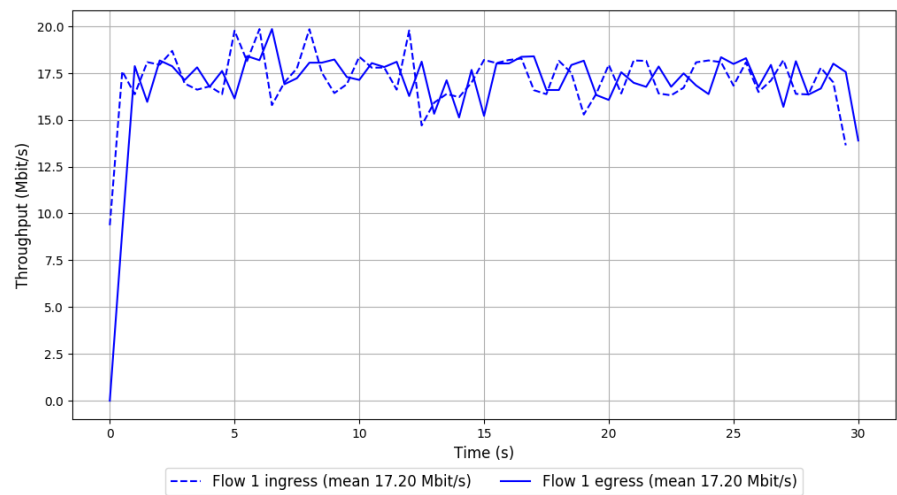


Run 2: Statistics of Sprout

Start at: 2018-08-01 16:45:44
End at: 2018-08-01 16:46:14
Local clock offset: 4.327 ms
Remote clock offset: -7.235 ms

Below is generated by plot.py at 2018-08-01 19:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.20 Mbit/s
95th percentile per-packet one-way delay: 34.030 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 17.20 Mbit/s
95th percentile per-packet one-way delay: 34.030 ms
Loss rate: 0.04%

Run 2: Report of Sprout — Data Link

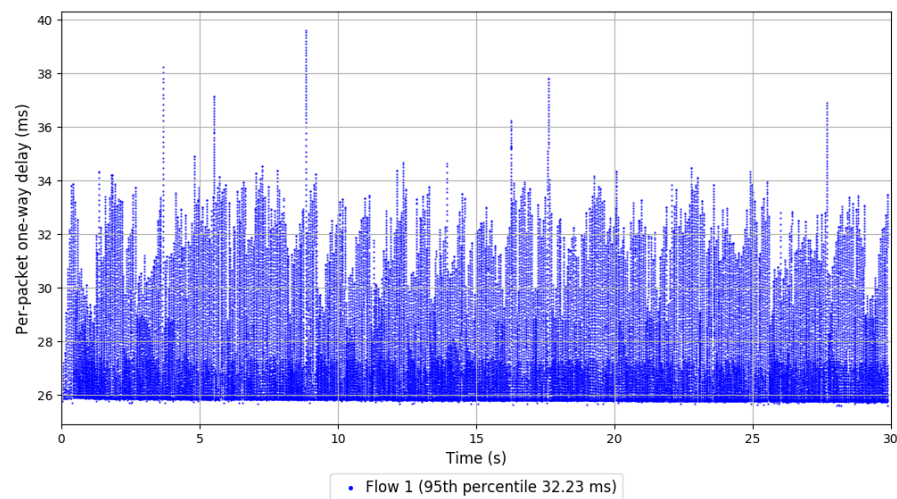
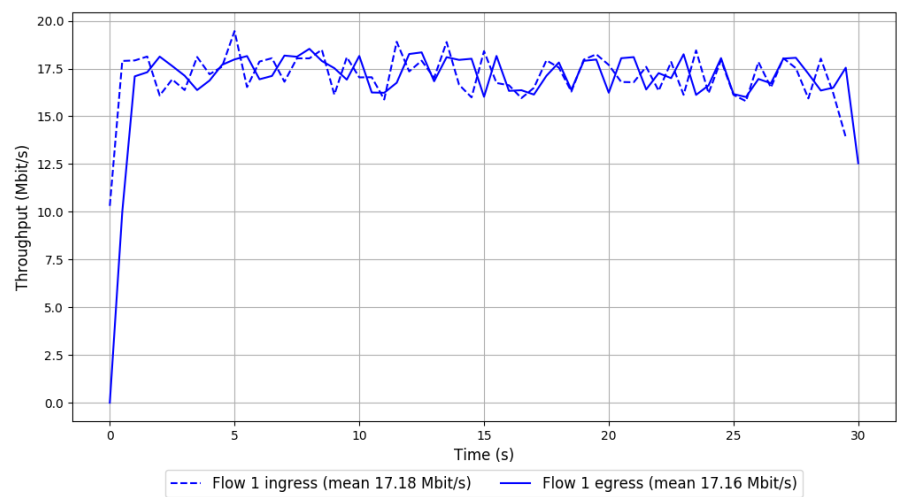


Run 3: Statistics of Sprout

Start at: 2018-08-01 17:05:26
End at: 2018-08-01 17:05:56
Local clock offset: 3.491 ms
Remote clock offset: -12.048 ms

Below is generated by plot.py at 2018-08-01 19:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.16 Mbit/s
95th percentile per-packet one-way delay: 32.229 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 17.16 Mbit/s
95th percentile per-packet one-way delay: 32.229 ms
Loss rate: 0.17%

Run 3: Report of Sprout — Data Link

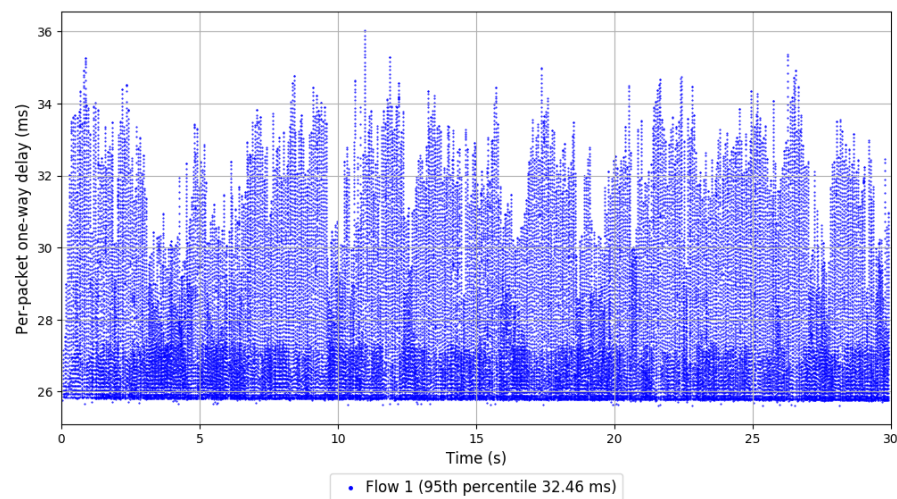
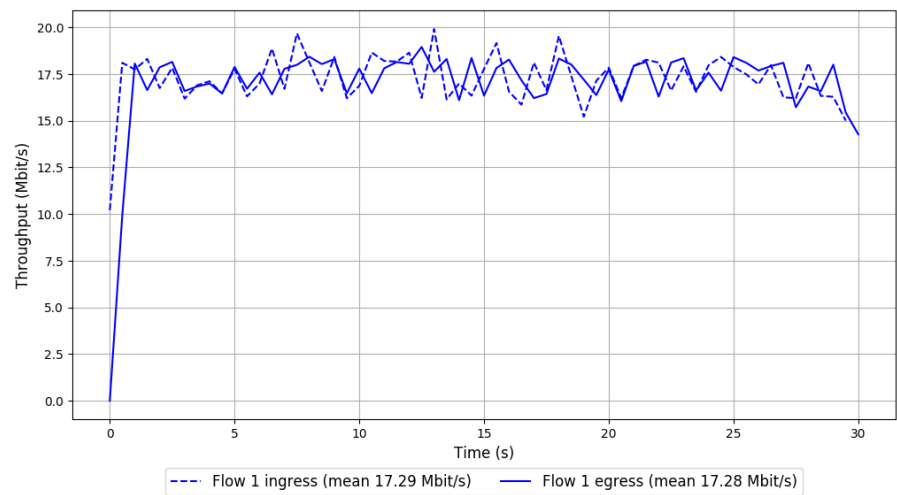


Run 4: Statistics of Sprout

Start at: 2018-08-01 17:24:55
End at: 2018-08-01 17:25:25
Local clock offset: 1.672 ms
Remote clock offset: -16.656 ms

Below is generated by plot.py at 2018-08-01 19:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.28 Mbit/s
95th percentile per-packet one-way delay: 32.457 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 17.28 Mbit/s
95th percentile per-packet one-way delay: 32.457 ms
Loss rate: 0.16%

Run 4: Report of Sprout — Data Link

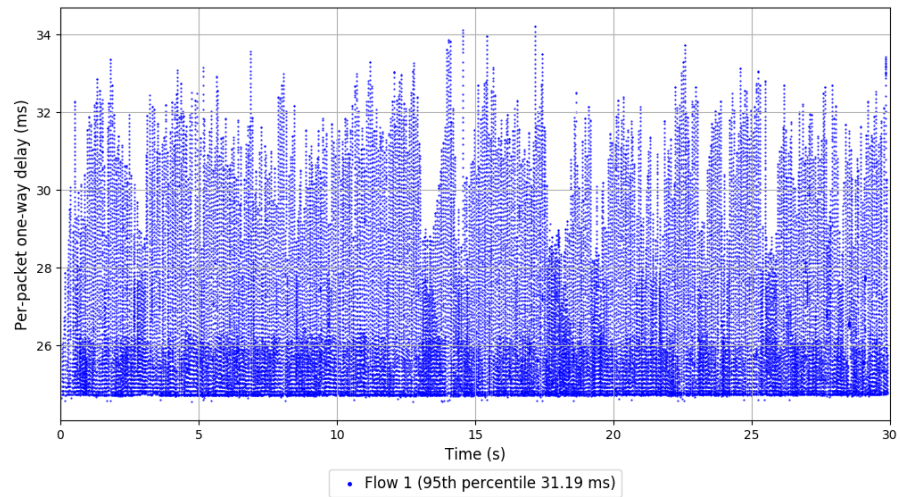
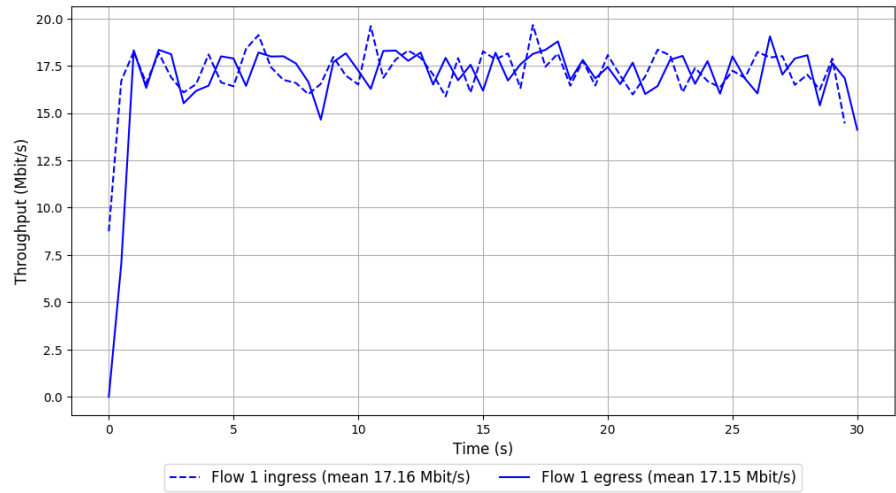


Run 5: Statistics of Sprout

Start at: 2018-08-01 17:44:39
End at: 2018-08-01 17:45:09
Local clock offset: -1.019 ms
Remote clock offset: -15.354 ms

Below is generated by plot.py at 2018-08-01 19:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.15 Mbit/s
95th percentile per-packet one-way delay: 31.186 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 17.15 Mbit/s
95th percentile per-packet one-way delay: 31.186 ms
Loss rate: 0.17%

Run 5: Report of Sprout — Data Link

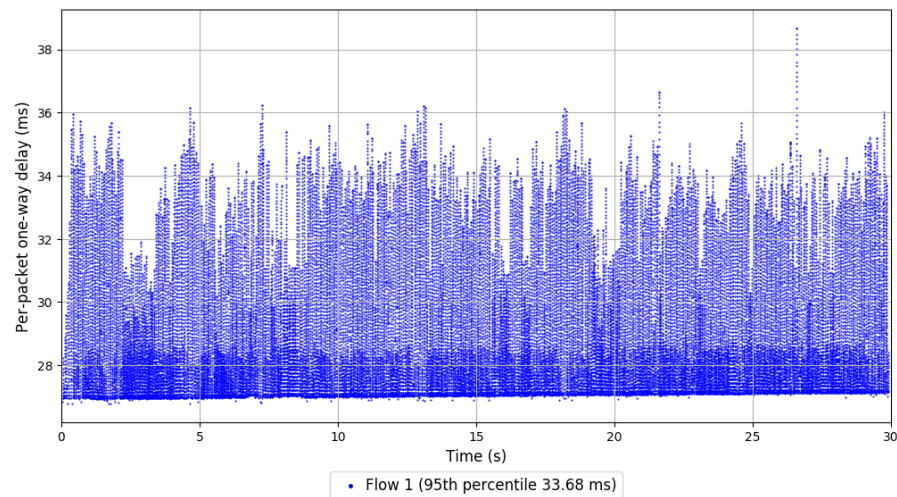
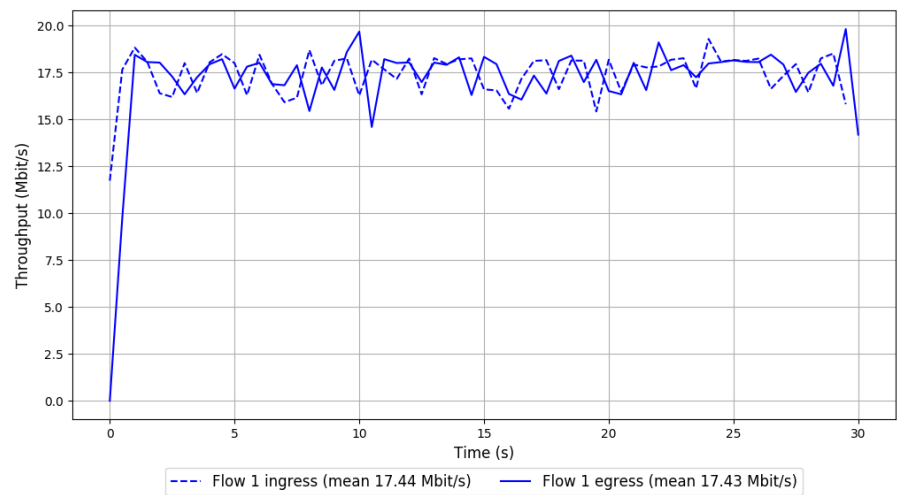


Run 6: Statistics of Sprout

Start at: 2018-08-01 18:04:23
End at: 2018-08-01 18:04:53
Local clock offset: 3.215 ms
Remote clock offset: -11.947 ms

Below is generated by plot.py at 2018-08-01 19:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.43 Mbit/s
95th percentile per-packet one-way delay: 33.676 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 17.43 Mbit/s
95th percentile per-packet one-way delay: 33.676 ms
Loss rate: 0.18%

Run 6: Report of Sprout — Data Link

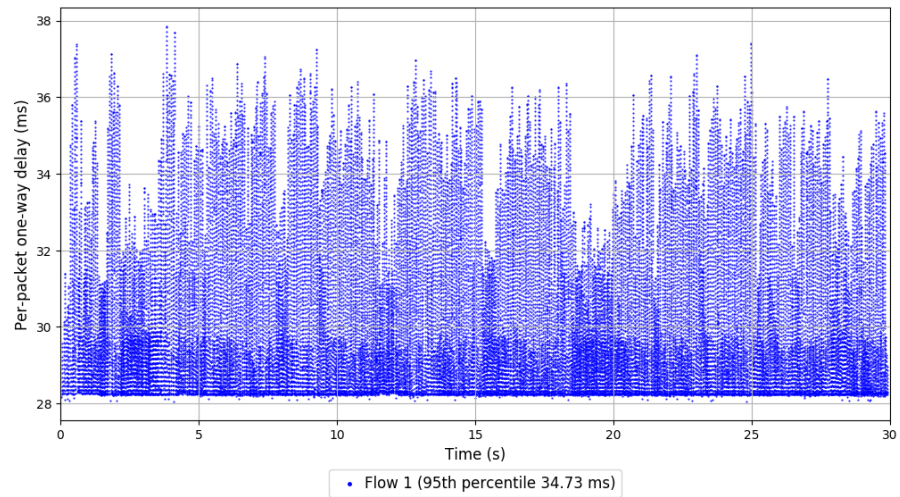
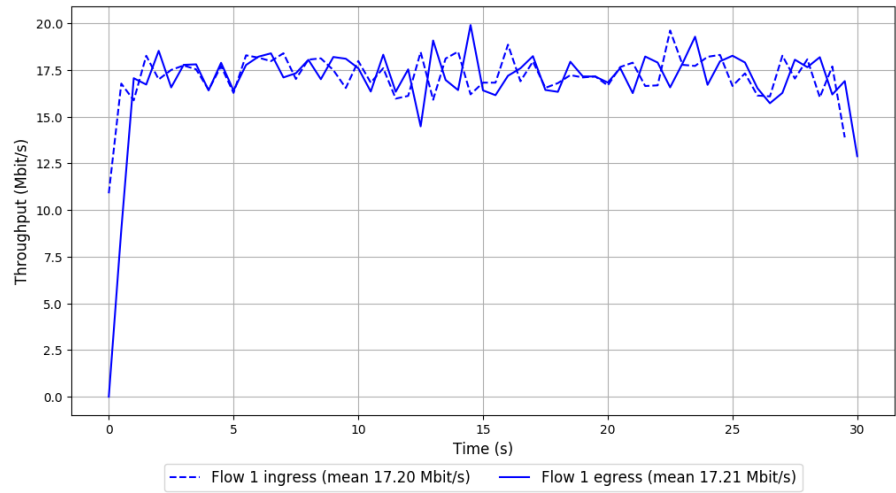


Run 7: Statistics of Sprout

Start at: 2018-08-01 18:24:14
End at: 2018-08-01 18:24:44
Local clock offset: 2.45 ms
Remote clock offset: -10.364 ms

Below is generated by plot.py at 2018-08-01 19:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.21 Mbit/s
95th percentile per-packet one-way delay: 34.728 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 17.21 Mbit/s
95th percentile per-packet one-way delay: 34.728 ms
Loss rate: 0.26%

Run 7: Report of Sprout — Data Link

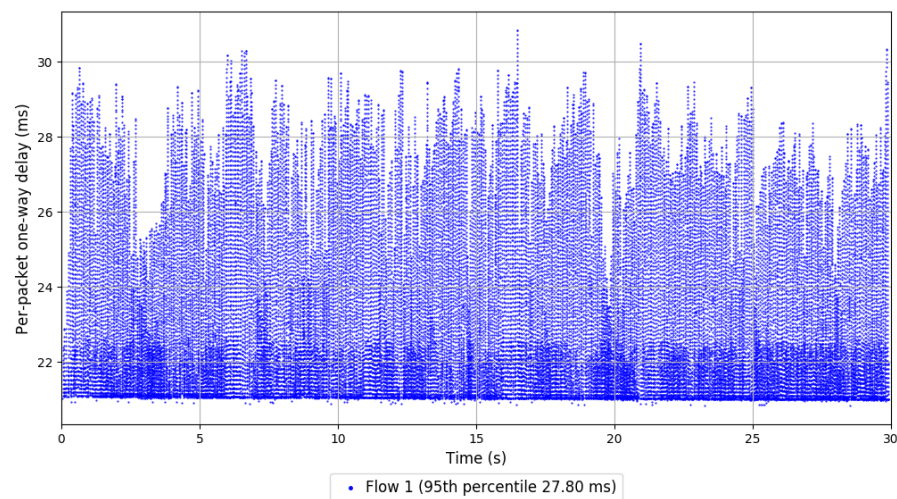
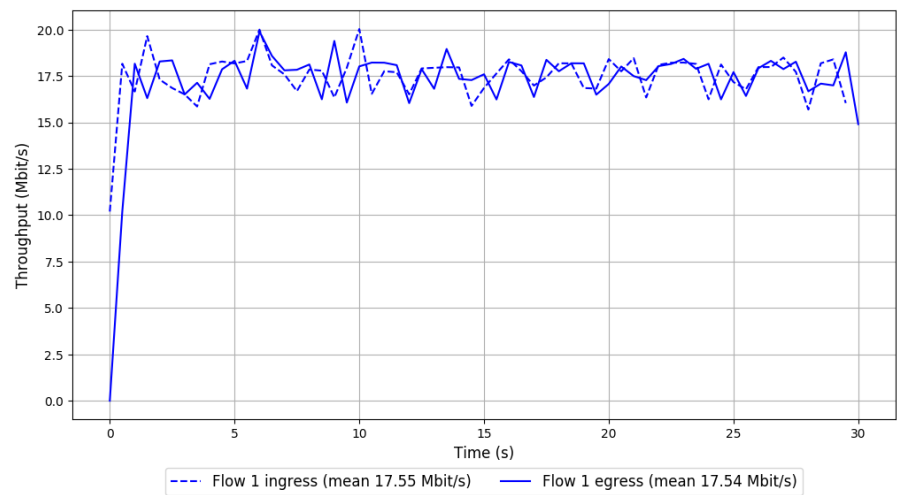


Run 8: Statistics of Sprout

Start at: 2018-08-01 18:43:54
End at: 2018-08-01 18:44:24
Local clock offset: -0.535 ms
Remote clock offset: -8.132 ms

Below is generated by plot.py at 2018-08-01 19:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.54 Mbit/s
95th percentile per-packet one-way delay: 27.804 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 17.54 Mbit/s
95th percentile per-packet one-way delay: 27.804 ms
Loss rate: 0.19%

Run 8: Report of Sprout — Data Link

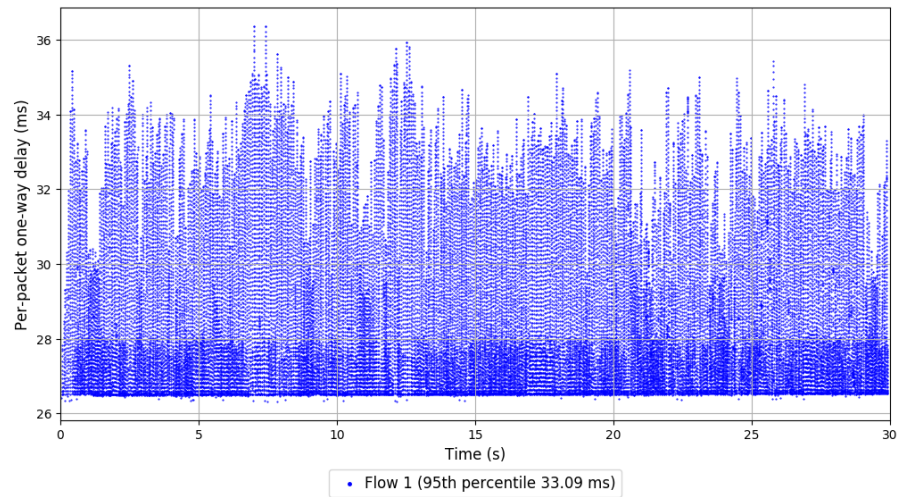
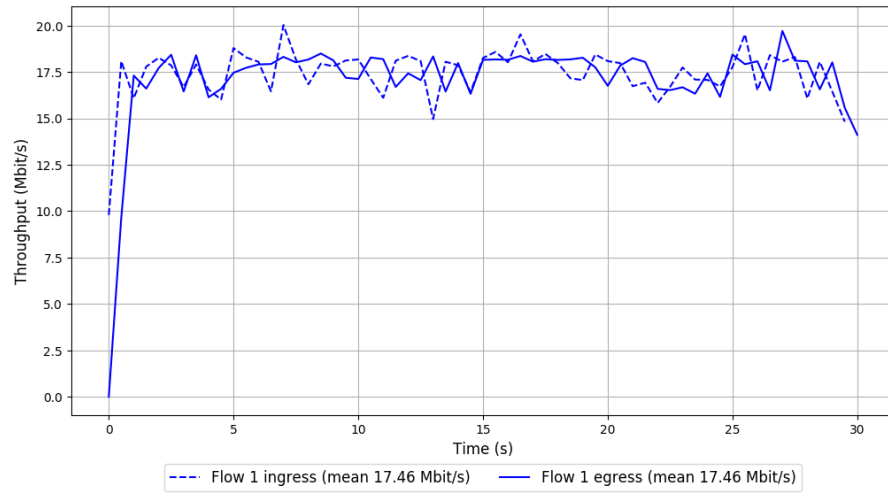


Run 9: Statistics of Sprout

Start at: 2018-08-01 19:03:30
End at: 2018-08-01 19:04:00
Local clock offset: 2.132 ms
Remote clock offset: -10.126 ms

Below is generated by plot.py at 2018-08-01 19:52:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.46 Mbit/s
95th percentile per-packet one-way delay: 33.093 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 17.46 Mbit/s
95th percentile per-packet one-way delay: 33.093 ms
Loss rate: 0.15%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-08-01 19:23:14

End at: 2018-08-01 19:23:44

Local clock offset: 0.545 ms

Remote clock offset: -2.87 ms

Below is generated by plot.py at 2018-08-01 19:52:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 17.39 Mbit/s

95th percentile per-packet one-way delay: 31.595 ms

Loss rate: 0.03%

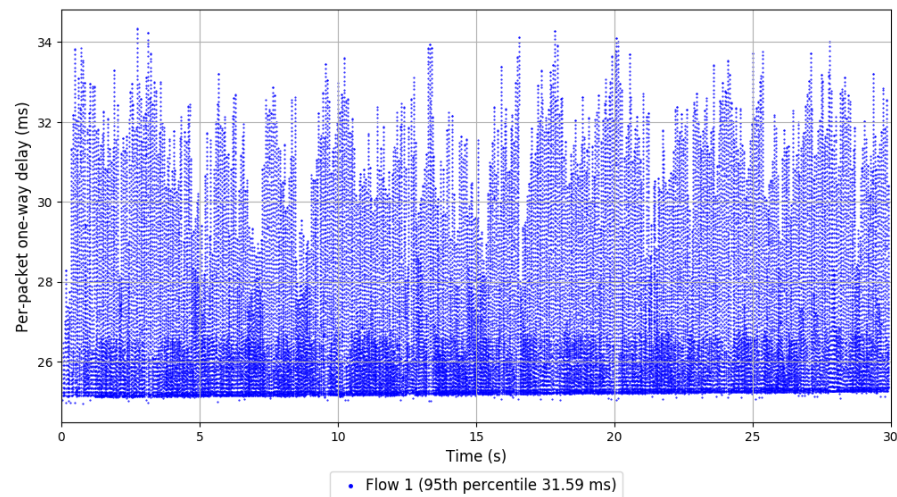
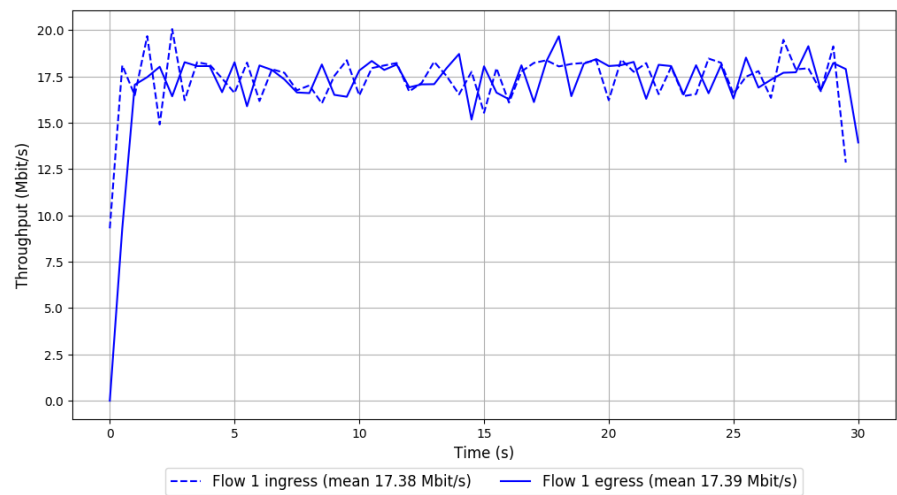
-- Flow 1:

Average throughput: 17.39 Mbit/s

95th percentile per-packet one-way delay: 31.595 ms

Loss rate: 0.03%

Run 10: Report of Sprout — Data Link

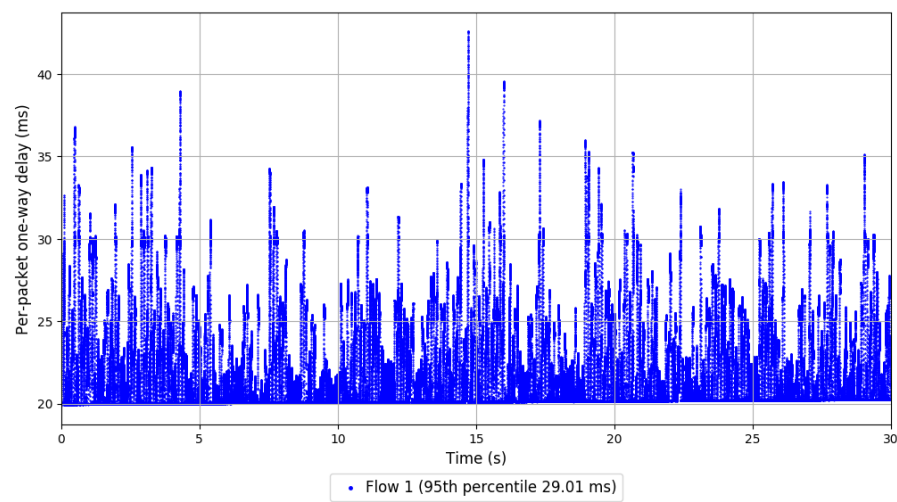
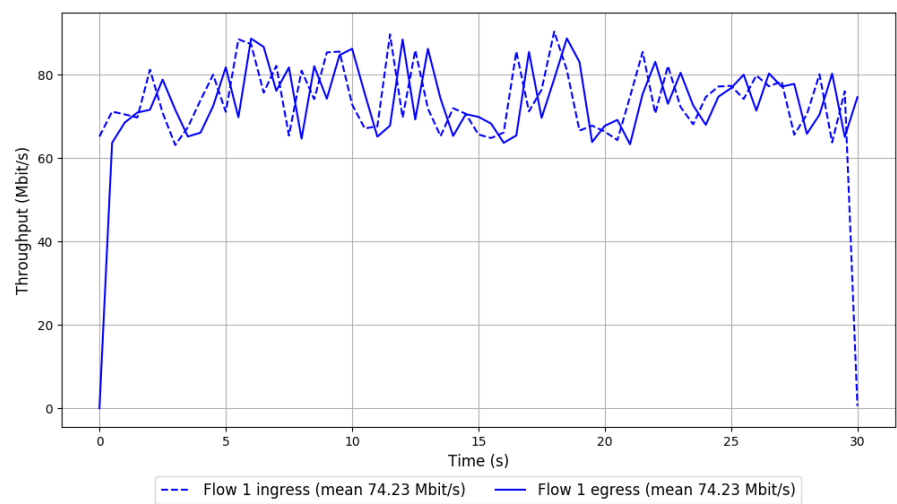


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-08-01 16:18:58
End at: 2018-08-01 16:19:29
Local clock offset: 2.588 ms
Remote clock offset: -13.397 ms

# Below is generated by plot.py at 2018-08-01 19:54:11
# Datalink statistics
-- Total of 1 flow:
Average throughput: 74.23 Mbit/s
95th percentile per-packet one-way delay: 29.014 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 74.23 Mbit/s
95th percentile per-packet one-way delay: 29.014 ms
Loss rate: 0.10%
```


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



Run 2: Statistics of TaoVA-100x

Start at: 2018-08-01 16:38:52

End at: 2018-08-01 16:39:22

Local clock offset: 2.676 ms

Remote clock offset: -6.478 ms

Below is generated by plot.py at 2018-08-01 19:54:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.88 Mbit/s

95th percentile per-packet one-way delay: 34.471 ms

Loss rate: 0.13%

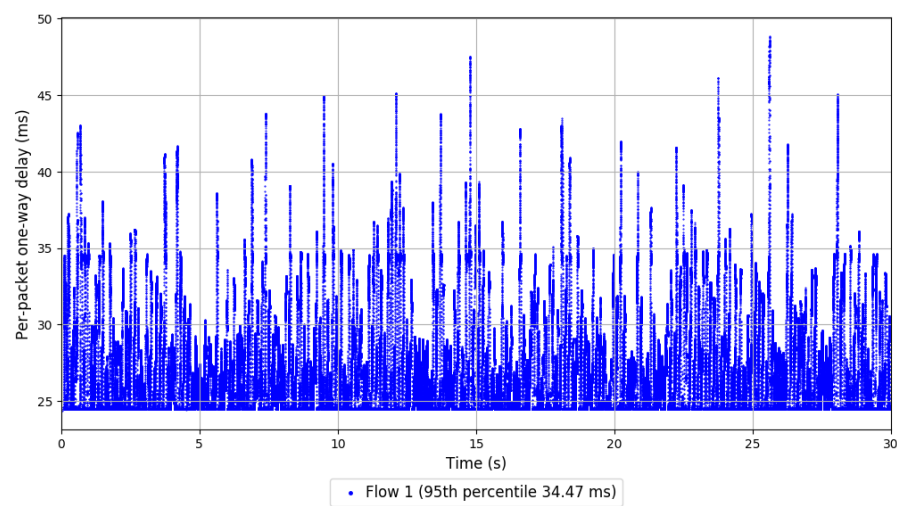
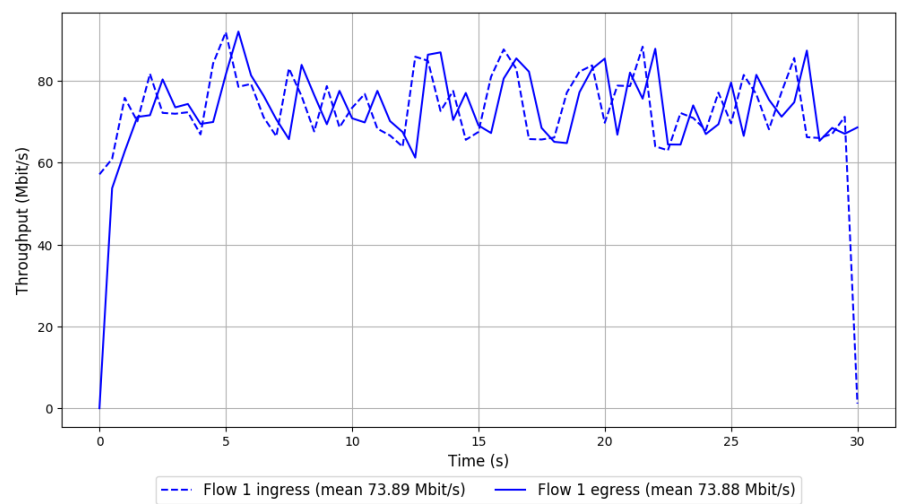
-- Flow 1:

Average throughput: 73.88 Mbit/s

95th percentile per-packet one-way delay: 34.471 ms

Loss rate: 0.13%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-08-01 16:58:22

End at: 2018-08-01 16:58:52

Local clock offset: 1.089 ms

Remote clock offset: -9.584 ms

Below is generated by plot.py at 2018-08-01 19:54:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.79 Mbit/s

95th percentile per-packet one-way delay: 31.272 ms

Loss rate: 0.38%

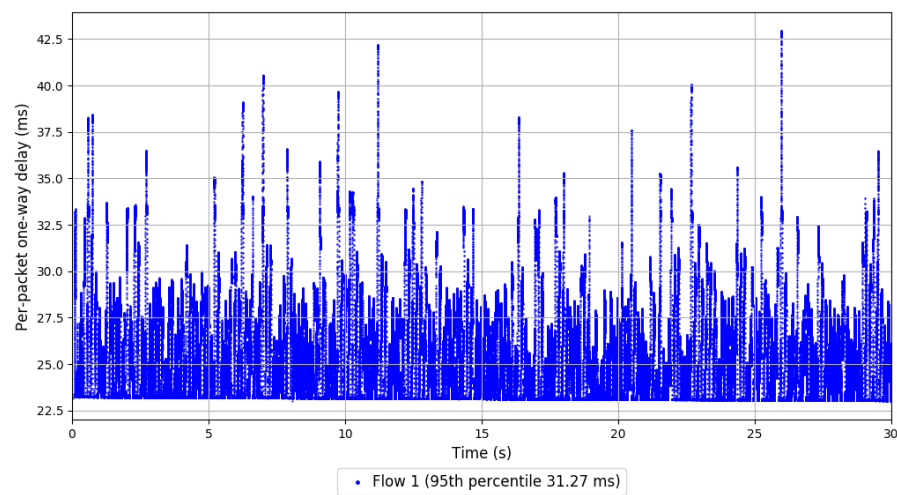
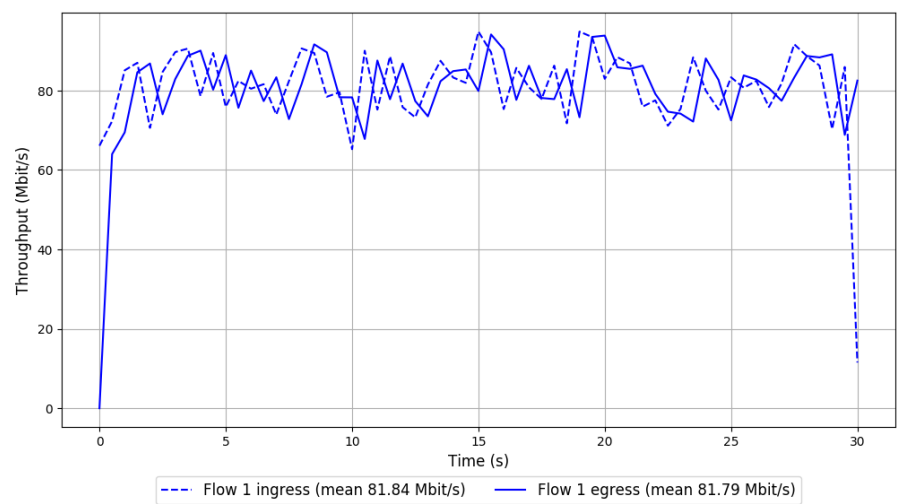
-- Flow 1:

Average throughput: 81.79 Mbit/s

95th percentile per-packet one-way delay: 31.272 ms

Loss rate: 0.38%

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

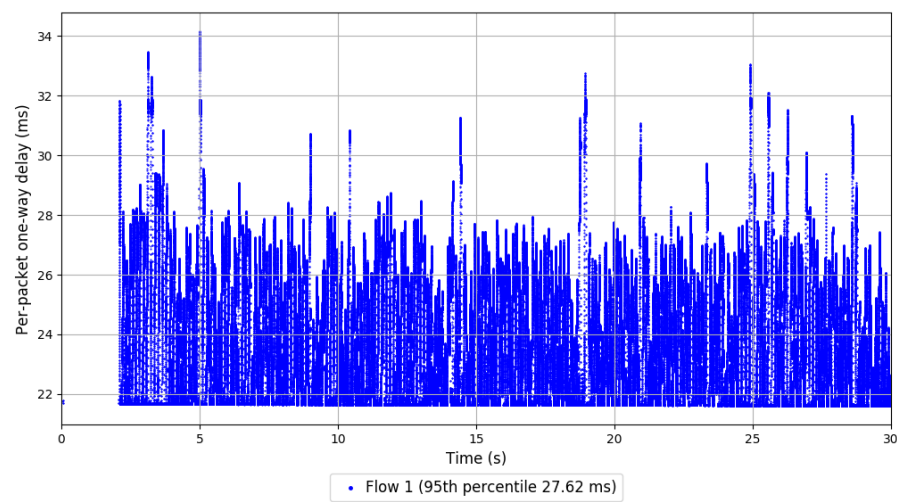
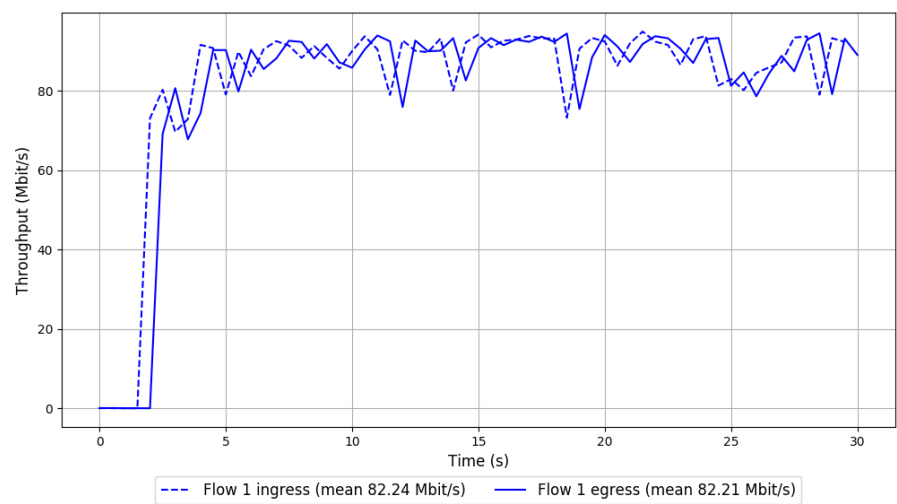


Run 4: Statistics of TaoVA-100x

Start at: 2018-08-01 17:18:05
End at: 2018-08-01 17:18:35
Local clock offset: -0.022 ms
Remote clock offset: -13.497 ms

Below is generated by plot.py at 2018-08-01 19:54:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.21 Mbit/s
95th percentile per-packet one-way delay: 27.623 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 82.21 Mbit/s
95th percentile per-packet one-way delay: 27.623 ms
Loss rate: 0.15%

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

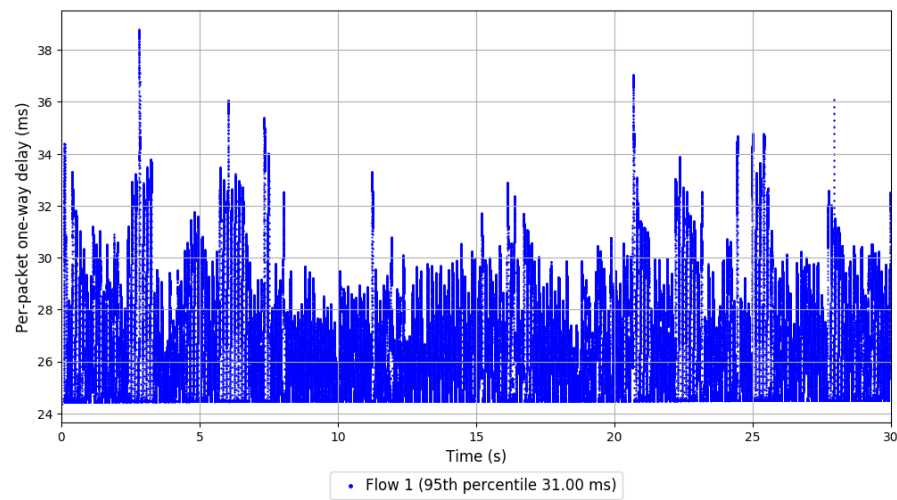
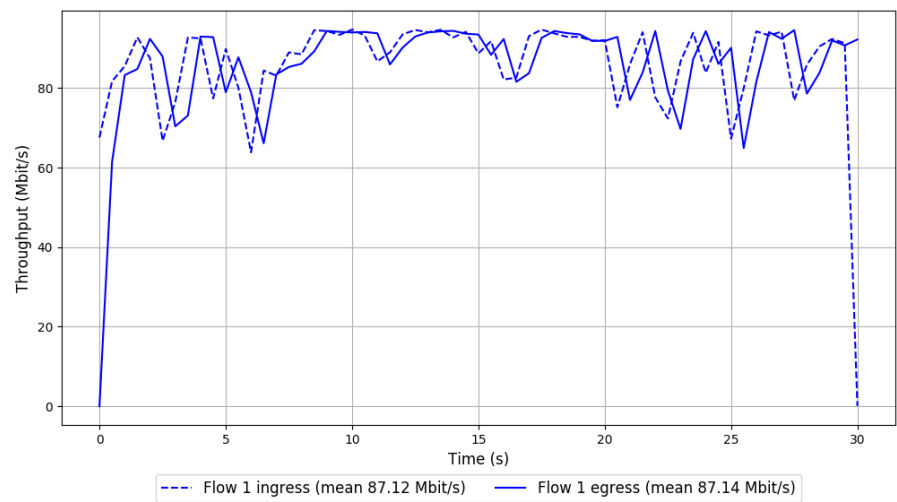


Run 5: Statistics of TaoVA-100x

Start at: 2018-08-01 17:37:37
End at: 2018-08-01 17:38:07
Local clock offset: -1.138 ms
Remote clock offset: -15.67 ms

Below is generated by plot.py at 2018-08-01 19:54:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 31.004 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 87.14 Mbit/s
95th percentile per-packet one-way delay: 31.004 ms
Loss rate: 0.09%

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

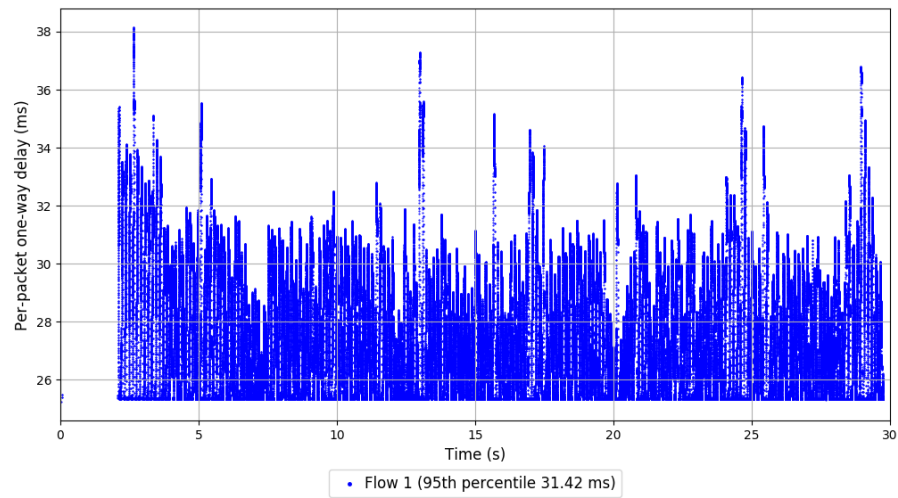
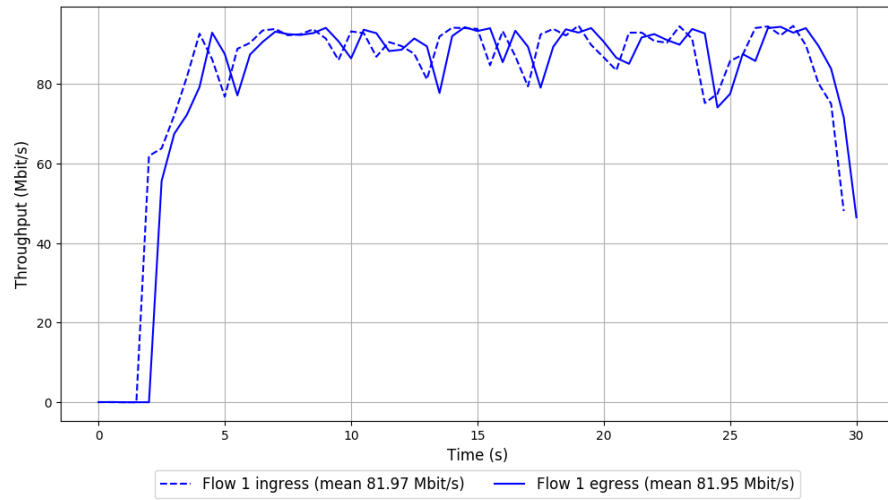


Run 6: Statistics of TaoVA-100x

Start at: 2018-08-01 17:57:20
End at: 2018-08-01 17:57:50
Local clock offset: 1.05 ms
Remote clock offset: -14.067 ms

Below is generated by plot.py at 2018-08-01 19:54:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.95 Mbit/s
95th percentile per-packet one-way delay: 31.423 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 81.95 Mbit/s
95th percentile per-packet one-way delay: 31.423 ms
Loss rate: 0.14%

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

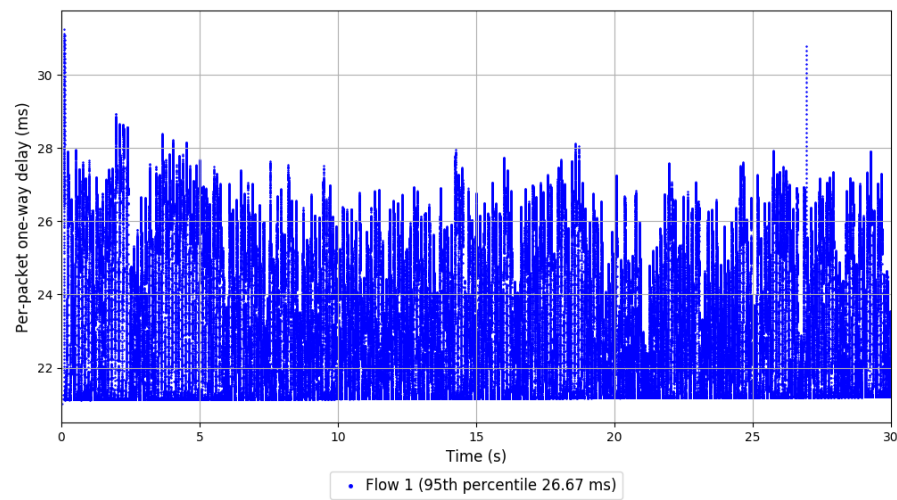
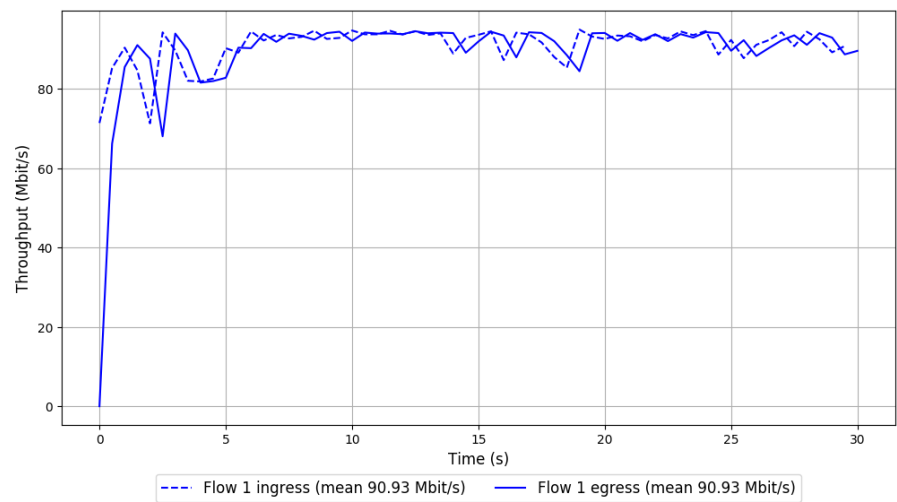


Run 7: Statistics of TaoVA-100x

Start at: 2018-08-01 18:17:00
End at: 2018-08-01 18:17:30
Local clock offset: -0.621 ms
Remote clock offset: -6.965 ms

Below is generated by plot.py at 2018-08-01 19:54:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.93 Mbit/s
95th percentile per-packet one-way delay: 26.671 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 90.93 Mbit/s
95th percentile per-packet one-way delay: 26.671 ms
Loss rate: 0.12%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-08-01 18:37:02

End at: 2018-08-01 18:37:32

Local clock offset: 2.993 ms

Remote clock offset: -9.431 ms

Below is generated by plot.py at 2018-08-01 19:54:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.38 Mbit/s

95th percentile per-packet one-way delay: 33.288 ms

Loss rate: 0.06%

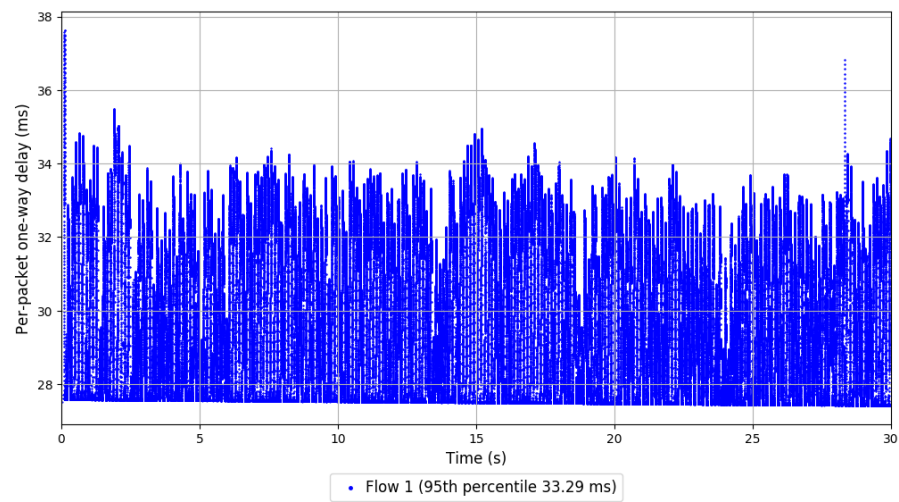
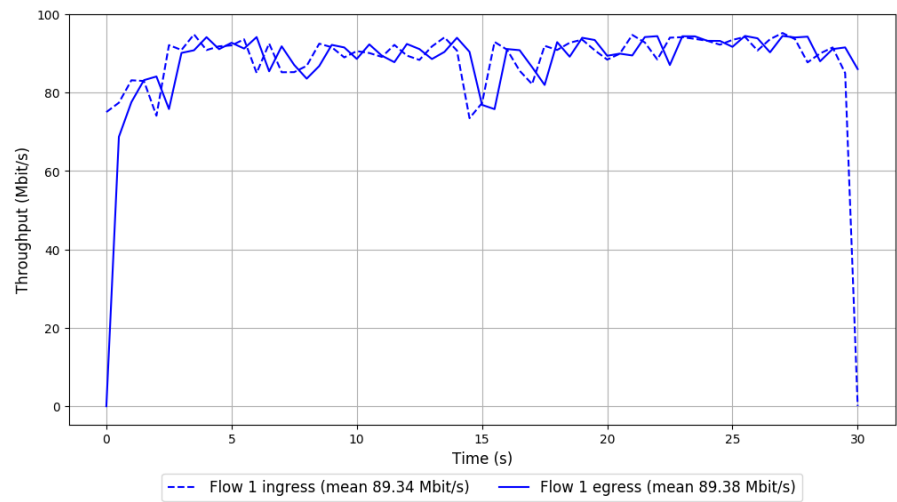
-- Flow 1:

Average throughput: 89.38 Mbit/s

95th percentile per-packet one-way delay: 33.288 ms

Loss rate: 0.06%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-08-01 18:56:37

End at: 2018-08-01 18:57:07

Local clock offset: 0.747 ms

Remote clock offset: -9.515 ms

Below is generated by plot.py at 2018-08-01 19:56:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.07 Mbit/s

95th percentile per-packet one-way delay: 29.603 ms

Loss rate: 0.12%

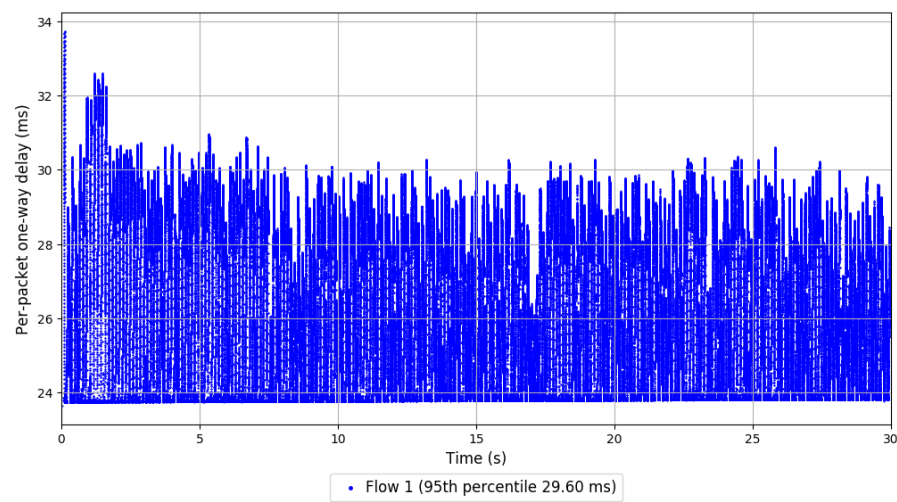
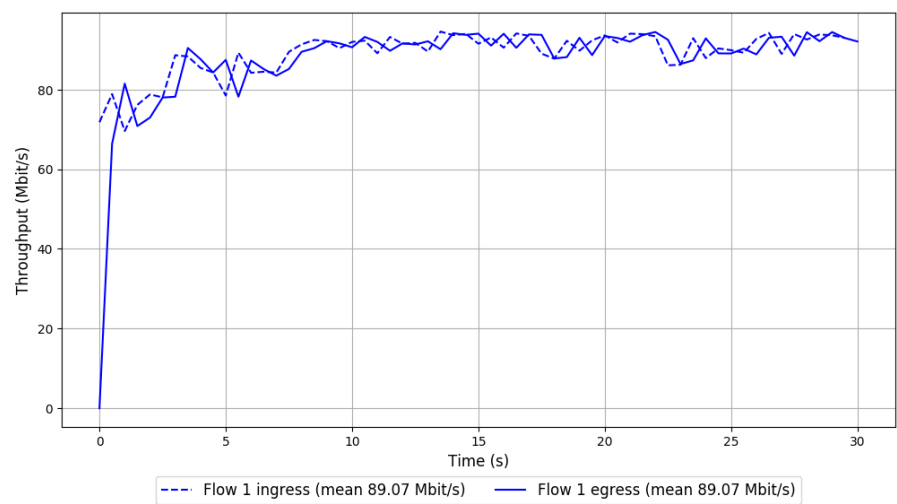
-- Flow 1:

Average throughput: 89.07 Mbit/s

95th percentile per-packet one-way delay: 29.603 ms

Loss rate: 0.12%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-08-01 19:16:14

End at: 2018-08-01 19:16:44

Local clock offset: -2.142 ms

Remote clock offset: -8.599 ms

Below is generated by plot.py at 2018-08-01 19:56:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.68 Mbit/s

95th percentile per-packet one-way delay: 30.903 ms

Loss rate: 0.10%

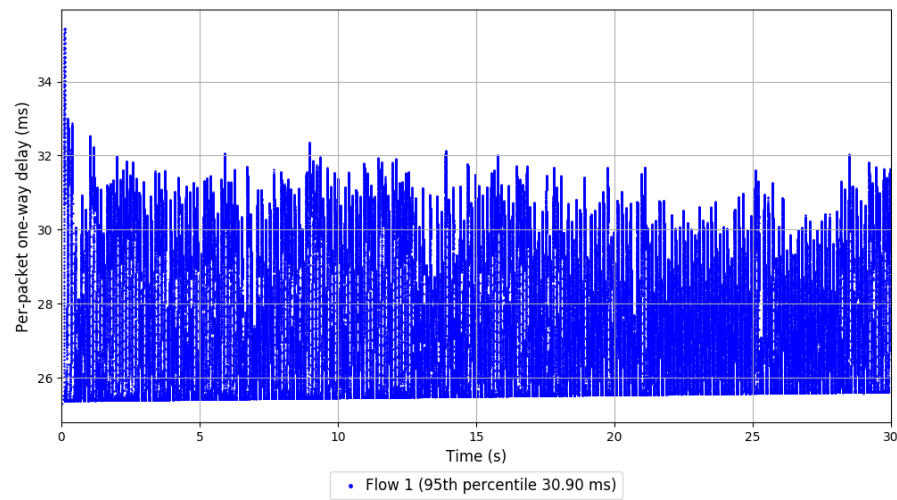
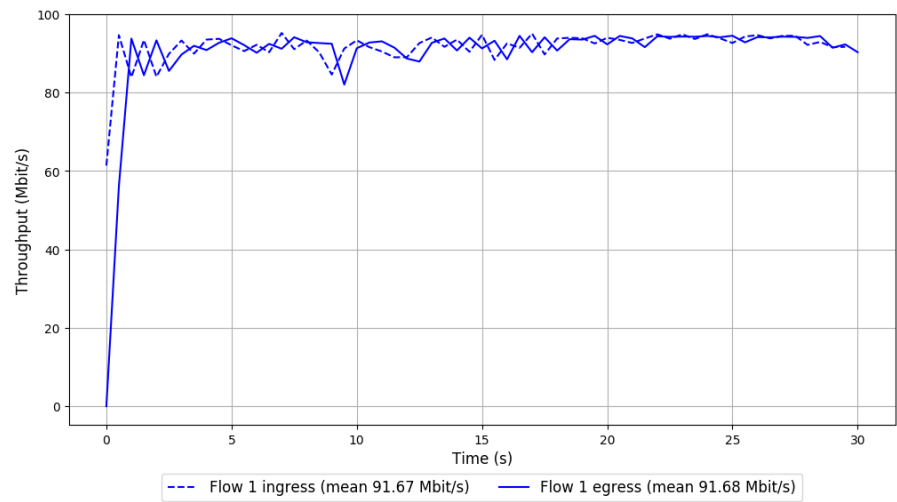
-- Flow 1:

Average throughput: 91.68 Mbit/s

95th percentile per-packet one-way delay: 30.903 ms

Loss rate: 0.10%

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

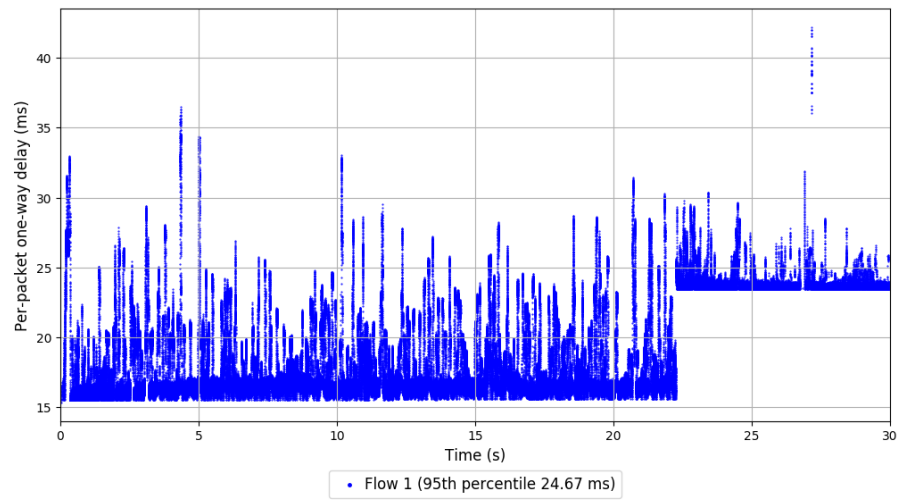
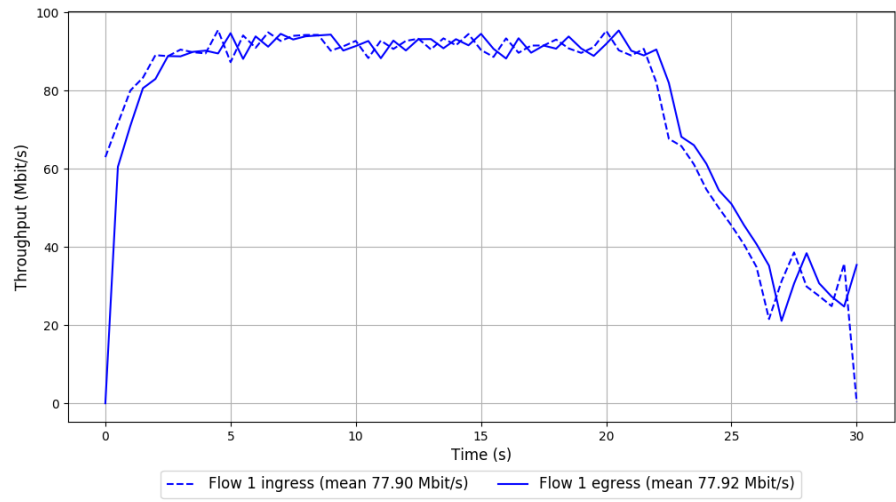


Run 1: Statistics of TCP Vegas

Start at: 2018-08-01 16:28:21
End at: 2018-08-01 16:28:51
Local clock offset: 2.123 ms
Remote clock offset: -7.717 ms

Below is generated by plot.py at 2018-08-01 19:56:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.92 Mbit/s
95th percentile per-packet one-way delay: 24.673 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 77.92 Mbit/s
95th percentile per-packet one-way delay: 24.673 ms
Loss rate: 0.05%

Run 1: Report of TCP Vegas — Data Link

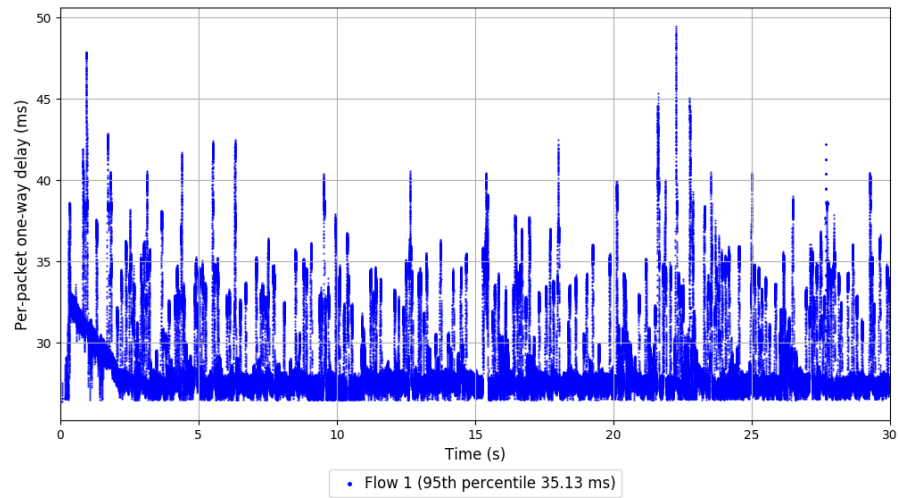
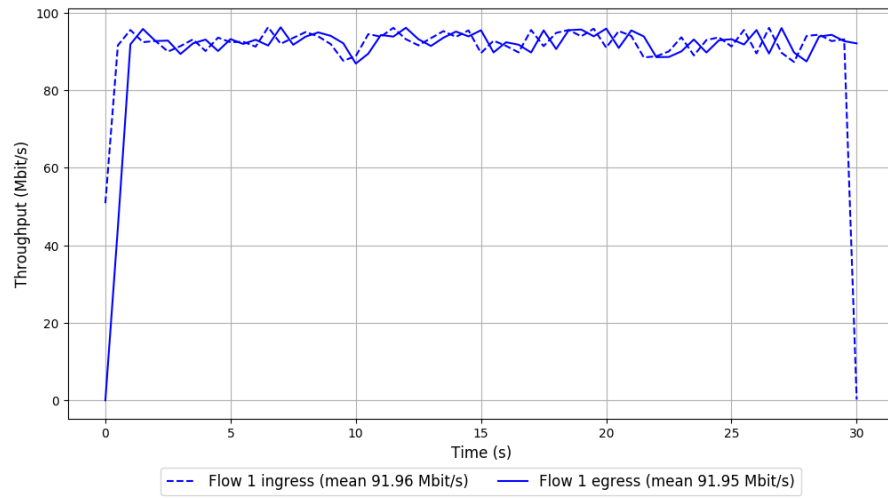


Run 2: Statistics of TCP Vegas

Start at: 2018-08-01 16:47:58
End at: 2018-08-01 16:48:29
Local clock offset: 3.934 ms
Remote clock offset: -7.098 ms

Below is generated by plot.py at 2018-08-01 19:56:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.95 Mbit/s
95th percentile per-packet one-way delay: 35.129 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 91.95 Mbit/s
95th percentile per-packet one-way delay: 35.129 ms
Loss rate: 0.12%

Run 2: Report of TCP Vegas — Data Link

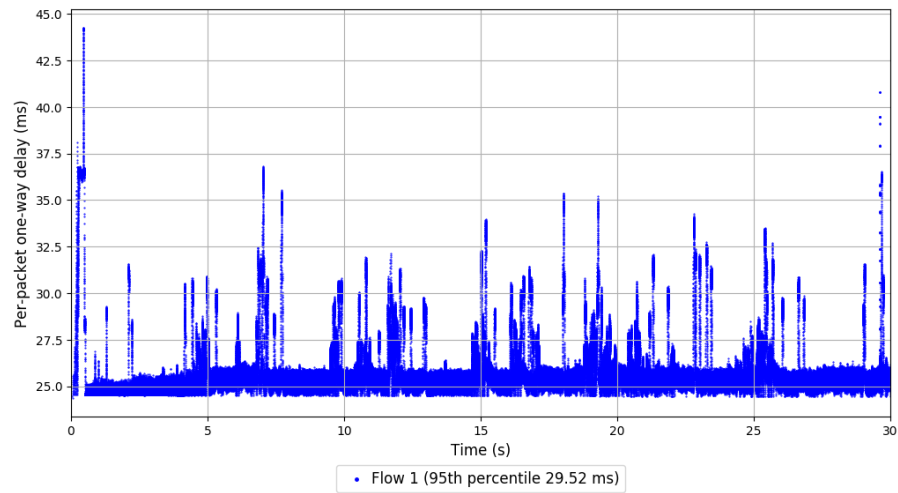
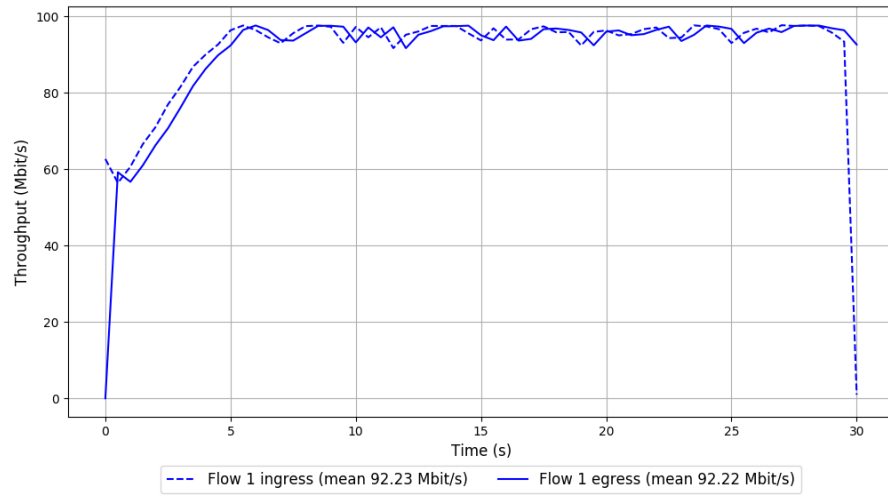


Run 3: Statistics of TCP Vegas

Start at: 2018-08-01 17:07:41
End at: 2018-08-01 17:08:11
Local clock offset: -0.023 ms
Remote clock offset: -14.733 ms

Below is generated by plot.py at 2018-08-01 19:56:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.22 Mbit/s
95th percentile per-packet one-way delay: 29.515 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 92.22 Mbit/s
95th percentile per-packet one-way delay: 29.515 ms
Loss rate: 0.12%

Run 3: Report of TCP Vegas — Data Link

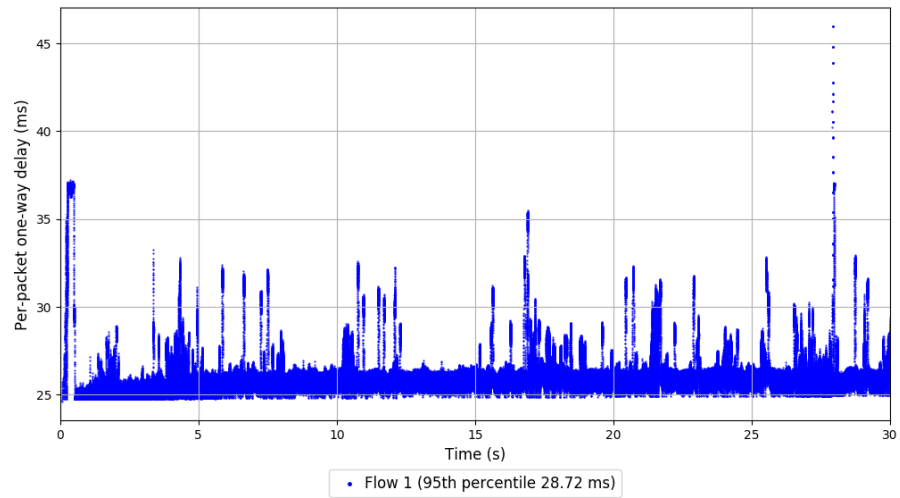
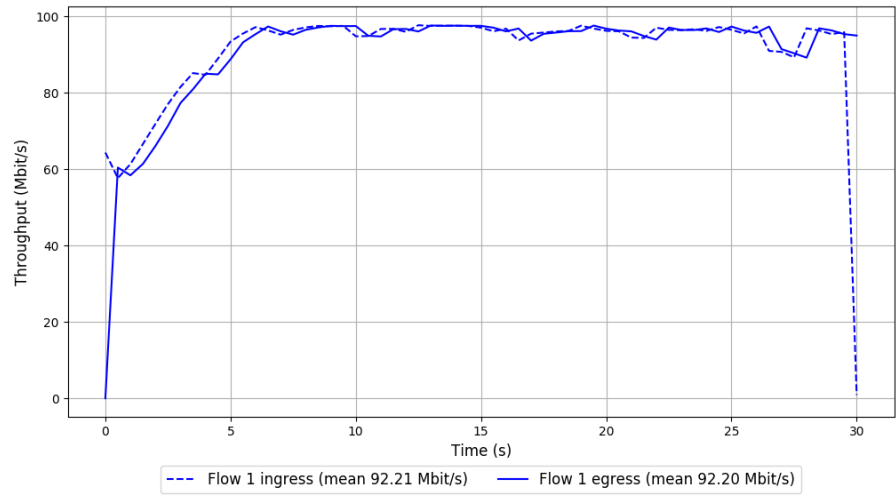


Run 4: Statistics of TCP Vegas

Start at: 2018-08-01 17:27:11
End at: 2018-08-01 17:27:41
Local clock offset: -0.539 ms
Remote clock offset: -17.838 ms

Below is generated by plot.py at 2018-08-01 19:56:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.20 Mbit/s
95th percentile per-packet one-way delay: 28.716 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 92.20 Mbit/s
95th percentile per-packet one-way delay: 28.716 ms
Loss rate: 0.12%

Run 4: Report of TCP Vegas — Data Link

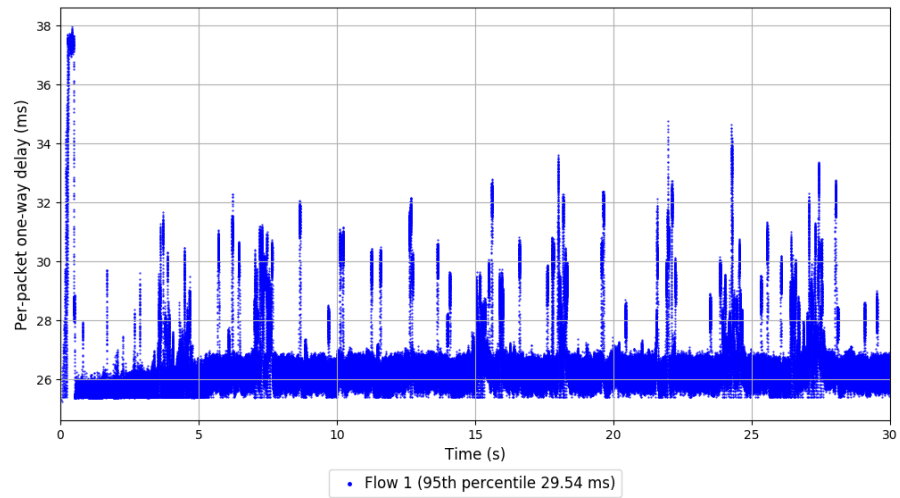
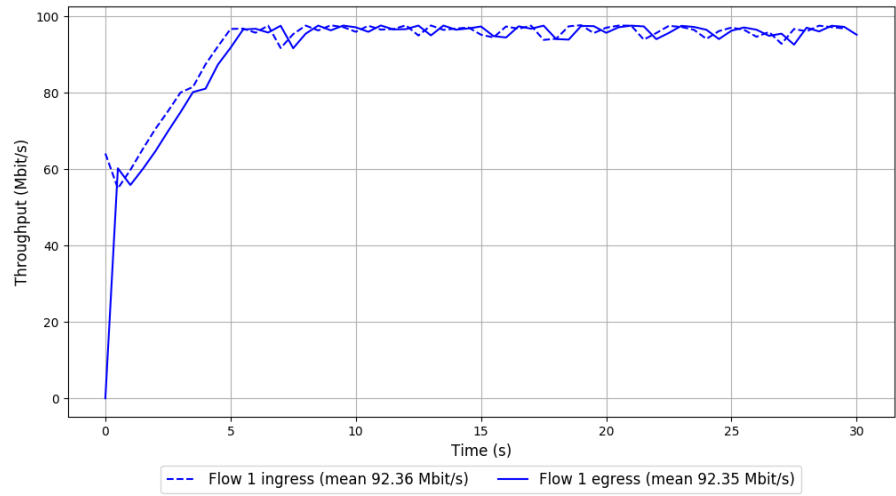


Run 5: Statistics of TCP Vegas

Start at: 2018-08-01 17:46:59
End at: 2018-08-01 17:47:29
Local clock offset: 0.511 ms
Remote clock offset: -14.414 ms

Below is generated by plot.py at 2018-08-01 19:56:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.35 Mbit/s
95th percentile per-packet one-way delay: 29.539 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 92.35 Mbit/s
95th percentile per-packet one-way delay: 29.539 ms
Loss rate: 0.12%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-08-01 18:06:39

End at: 2018-08-01 18:07:09

Local clock offset: 3.31 ms

Remote clock offset: -11.9 ms

Below is generated by plot.py at 2018-08-01 19:56:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.68 Mbit/s

95th percentile per-packet one-way delay: 31.826 ms

Loss rate: 0.12%

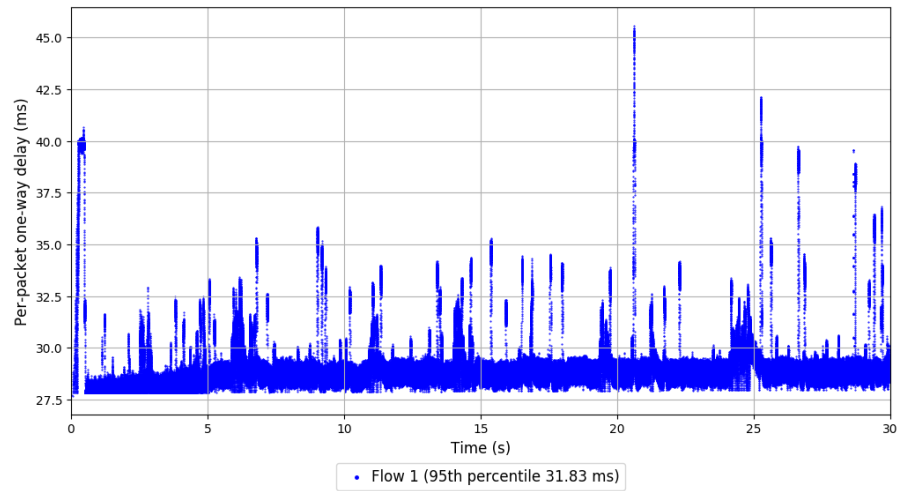
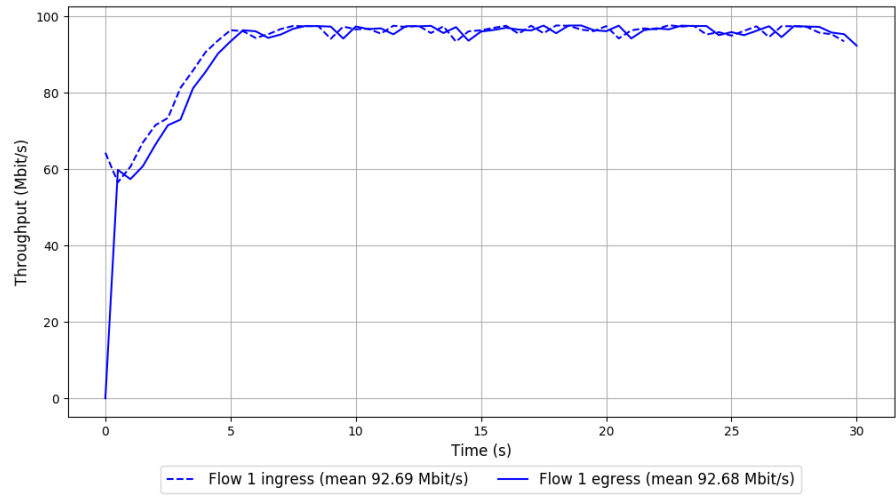
-- Flow 1:

Average throughput: 92.68 Mbit/s

95th percentile per-packet one-way delay: 31.826 ms

Loss rate: 0.12%

Run 6: Report of TCP Vegas — Data Link

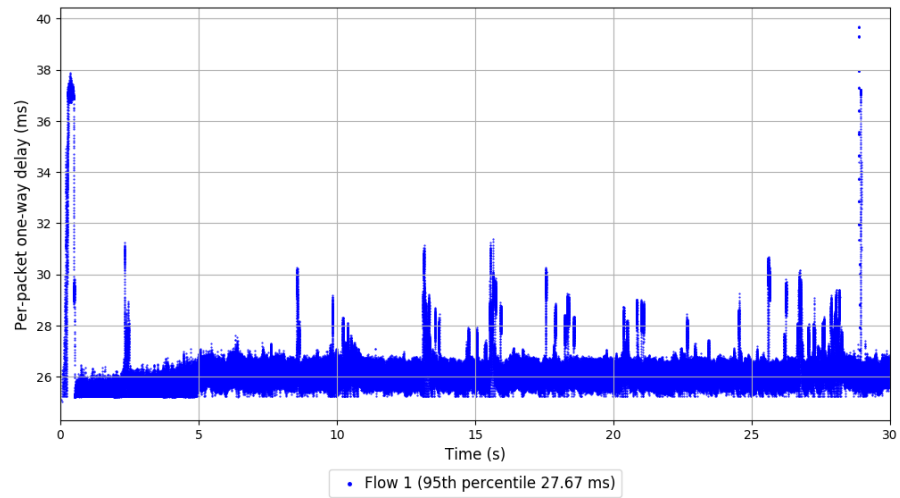
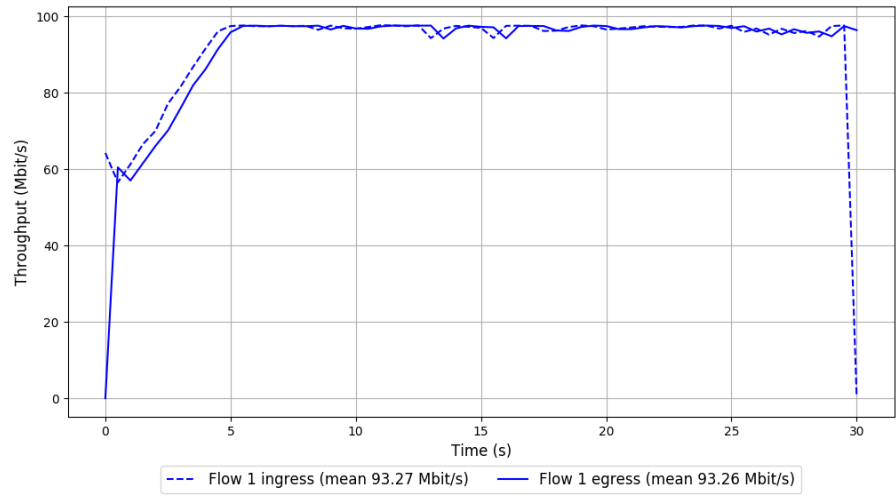


Run 7: Statistics of TCP Vegas

Start at: 2018-08-01 18:26:31
End at: 2018-08-01 18:27:01
Local clock offset: 1.926 ms
Remote clock offset: -7.884 ms

Below is generated by plot.py at 2018-08-01 19:56:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.26 Mbit/s
95th percentile per-packet one-way delay: 27.671 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 93.26 Mbit/s
95th percentile per-packet one-way delay: 27.671 ms
Loss rate: 0.12%

Run 7: Report of TCP Vegas — Data Link

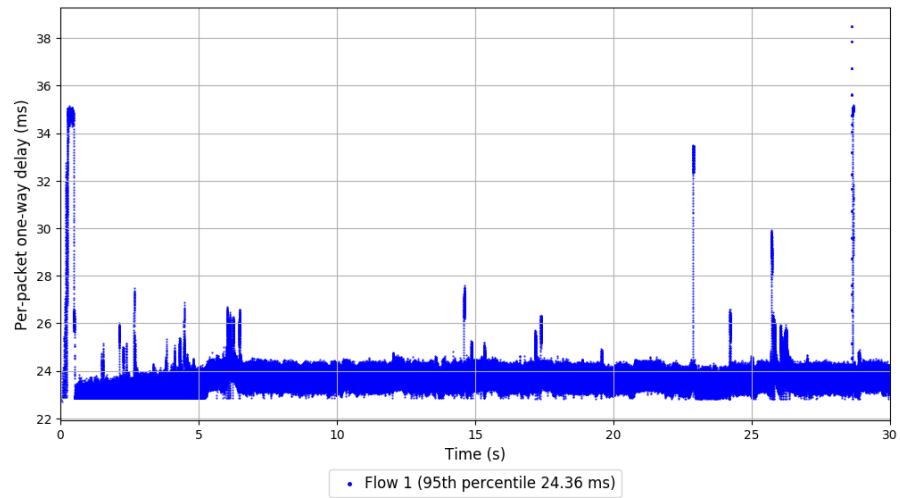
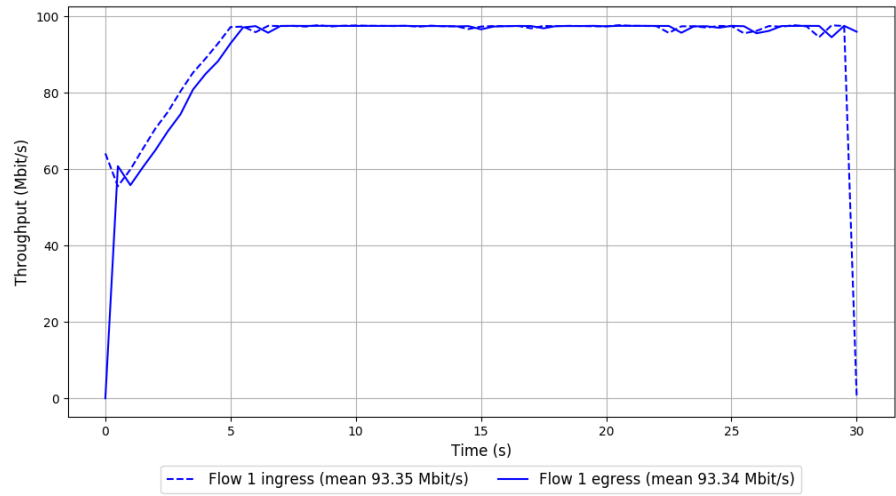


Run 8: Statistics of TCP Vegas

Start at: 2018-08-01 18:46:10
End at: 2018-08-01 18:46:40
Local clock offset: 1.777 ms
Remote clock offset: -7.946 ms

Below is generated by plot.py at 2018-08-01 19:56:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.34 Mbit/s
95th percentile per-packet one-way delay: 24.357 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 93.34 Mbit/s
95th percentile per-packet one-way delay: 24.357 ms
Loss rate: 0.12%

Run 8: Report of TCP Vegas — Data Link

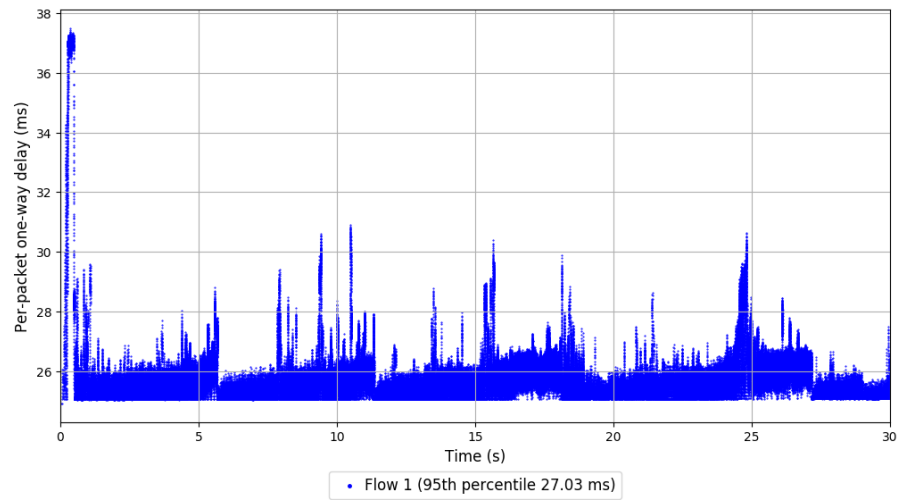
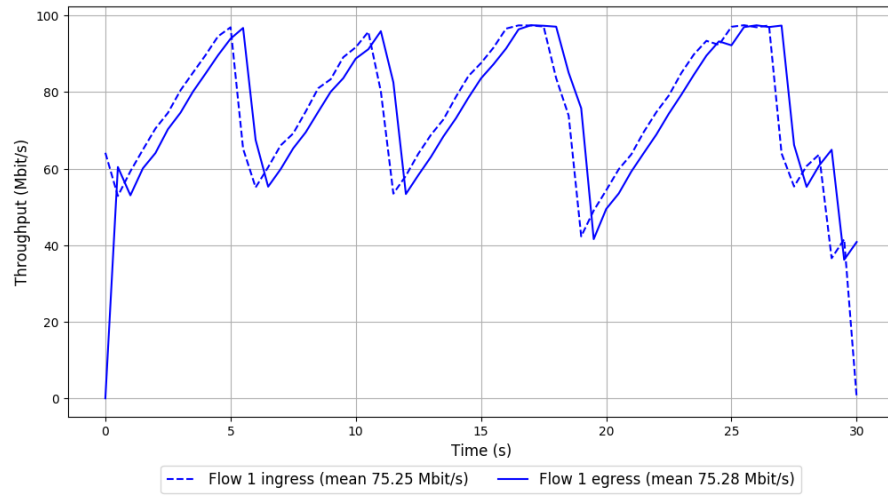


Run 9: Statistics of TCP Vegas

Start at: 2018-08-01 19:05:45
End at: 2018-08-01 19:06:15
Local clock offset: -1.976 ms
Remote clock offset: -12.607 ms

Below is generated by plot.py at 2018-08-01 19:56:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.28 Mbit/s
95th percentile per-packet one-way delay: 27.030 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 75.28 Mbit/s
95th percentile per-packet one-way delay: 27.030 ms
Loss rate: 0.07%

Run 9: Report of TCP Vegas — Data Link

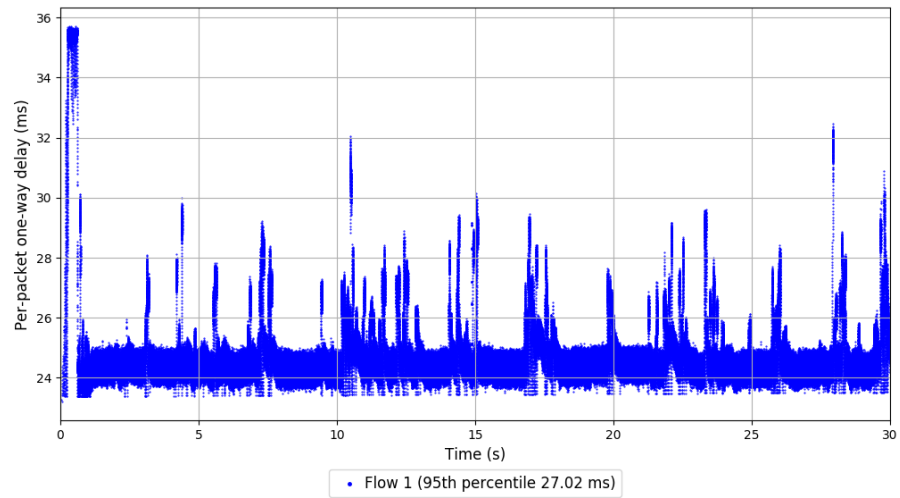
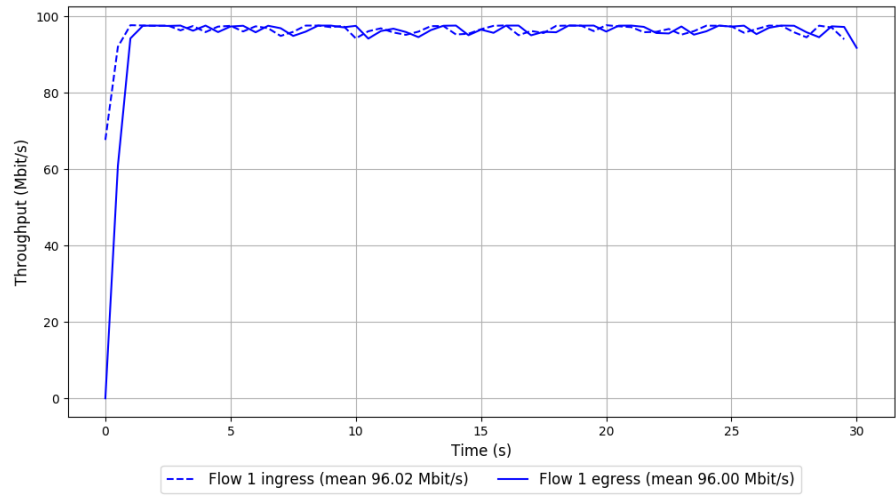


Run 10: Statistics of TCP Vegas

Start at: 2018-08-01 19:25:29
End at: 2018-08-01 19:25:59
Local clock offset: -1.715 ms
Remote clock offset: -2.726 ms

Below is generated by plot.py at 2018-08-01 19:56:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.00 Mbit/s
95th percentile per-packet one-way delay: 27.021 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 96.00 Mbit/s
95th percentile per-packet one-way delay: 27.021 ms
Loss rate: 0.12%

Run 10: Report of TCP Vegas — Data Link

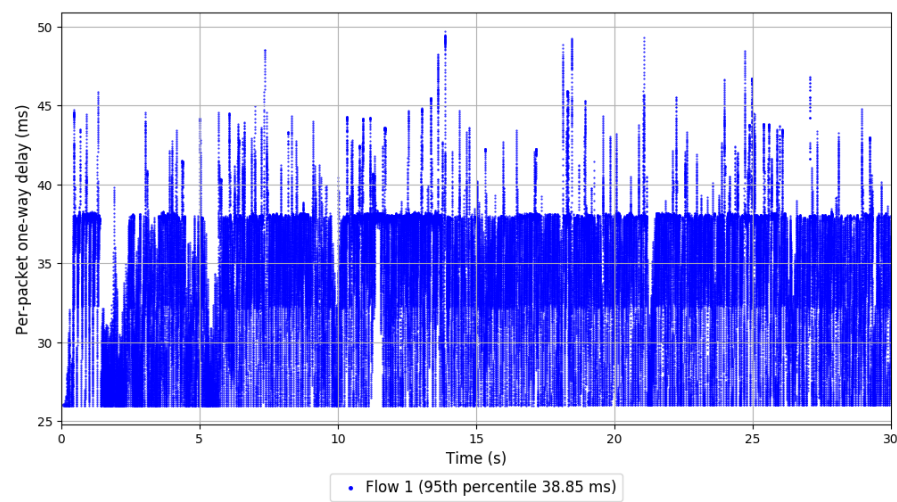
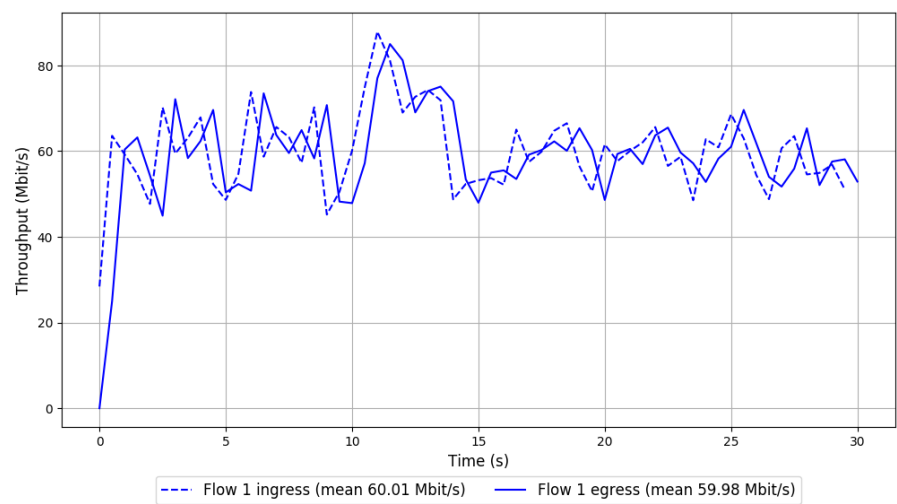


Run 1: Statistics of Verus

Start at: 2018-08-01 16:34:04
End at: 2018-08-01 16:34:34
Local clock offset: 3.034 ms
Remote clock offset: -8.036 ms

Below is generated by plot.py at 2018-08-01 19:56:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.98 Mbit/s
95th percentile per-packet one-way delay: 38.849 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 59.98 Mbit/s
95th percentile per-packet one-way delay: 38.849 ms
Loss rate: 0.05%

Run 1: Report of Verus — Data Link

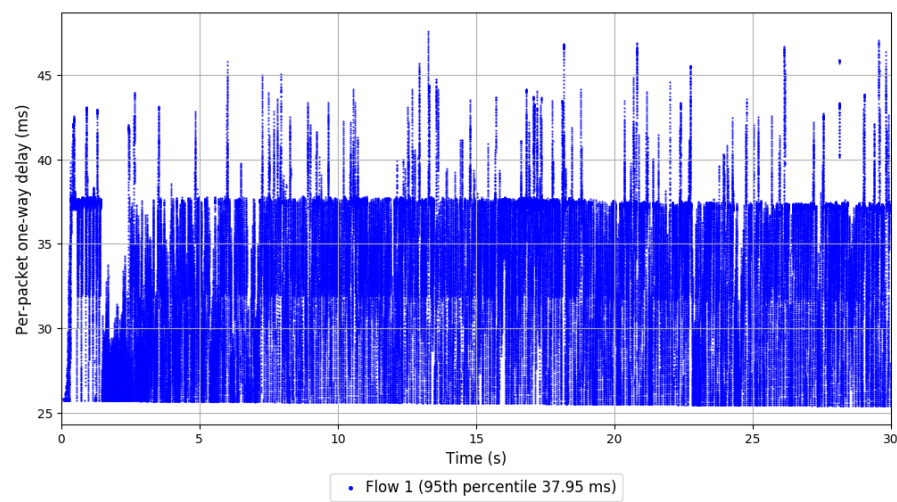
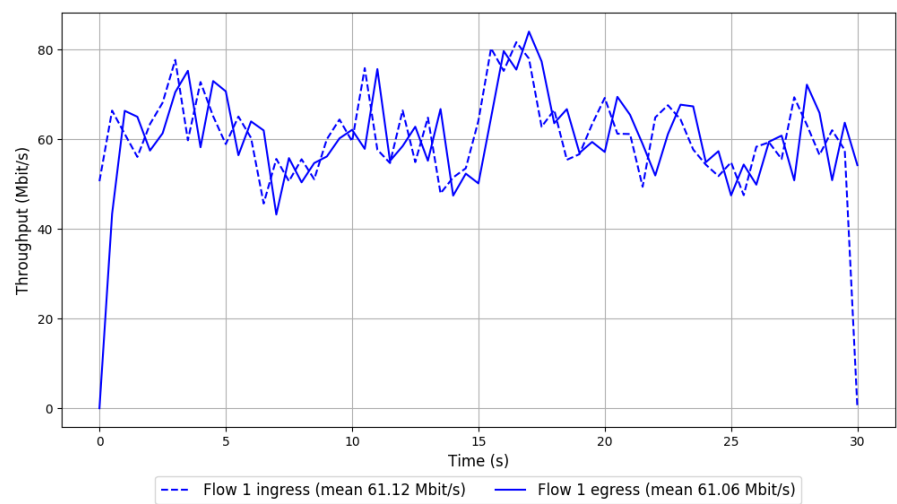


Run 2: Statistics of Verus

Start at: 2018-08-01 16:53:46
End at: 2018-08-01 16:54:16
Local clock offset: 4.882 ms
Remote clock offset: -5.815 ms

Below is generated by plot.py at 2018-08-01 19:56:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.06 Mbit/s
95th percentile per-packet one-way delay: 37.951 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 61.06 Mbit/s
95th percentile per-packet one-way delay: 37.951 ms
Loss rate: 0.23%

Run 2: Report of Verus — Data Link

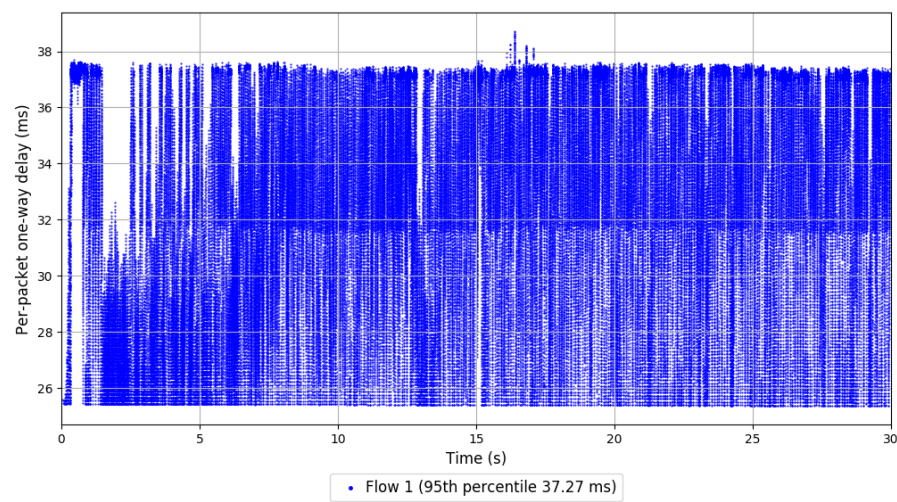
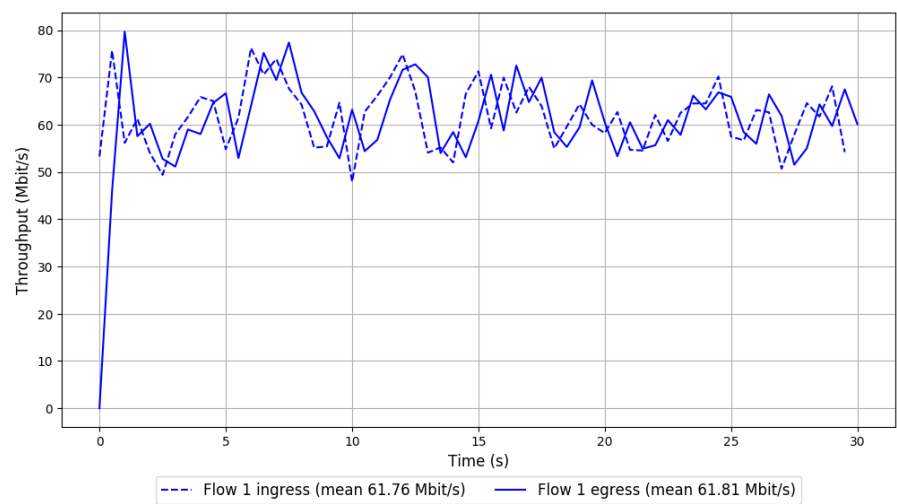


Run 3: Statistics of Verus

Start at: 2018-08-01 17:13:29
End at: 2018-08-01 17:13:59
Local clock offset: 2.344 ms
Remote clock offset: -14.215 ms

Below is generated by plot.py at 2018-08-01 19:56:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.81 Mbit/s
95th percentile per-packet one-way delay: 37.275 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 61.81 Mbit/s
95th percentile per-packet one-way delay: 37.275 ms
Loss rate: 0.04%

Run 3: Report of Verus — Data Link

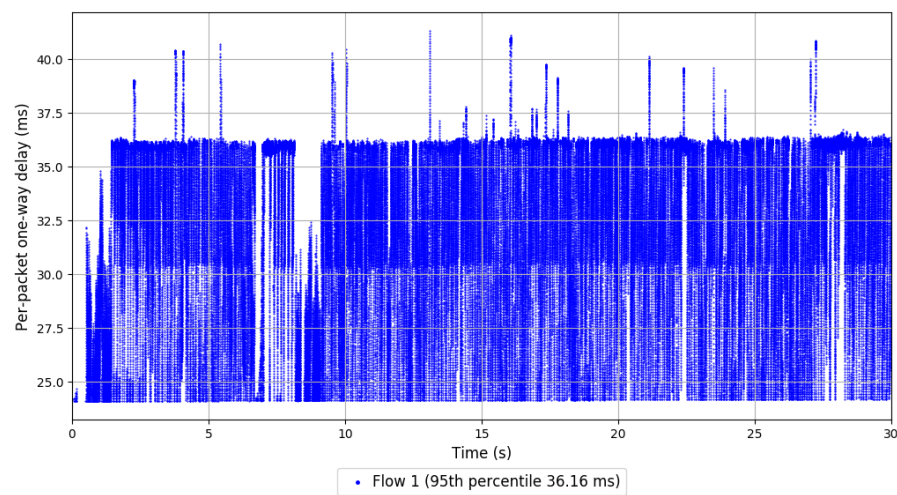
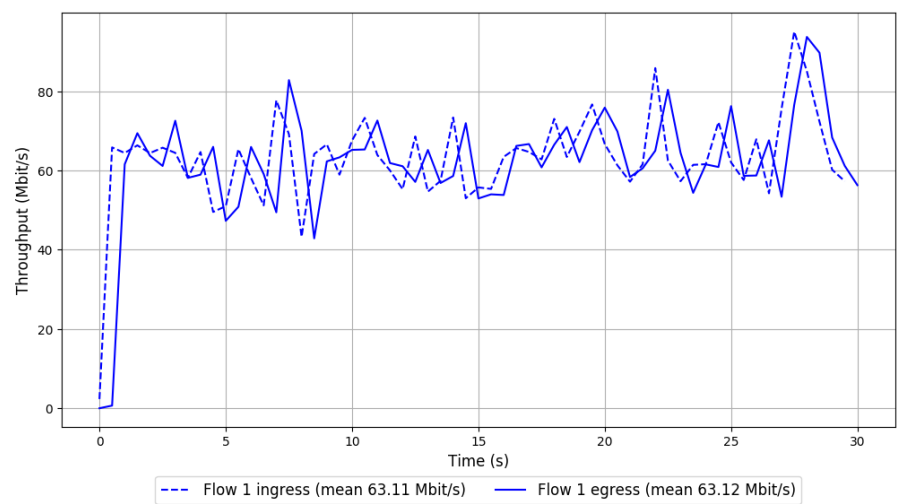


Run 4: Statistics of Verus

Start at: 2018-08-01 17:32:57
End at: 2018-08-01 17:33:27
Local clock offset: 1.674 ms
Remote clock offset: -13.194 ms

Below is generated by plot.py at 2018-08-01 19:57:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.12 Mbit/s
95th percentile per-packet one-way delay: 36.155 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 63.12 Mbit/s
95th percentile per-packet one-way delay: 36.155 ms
Loss rate: 0.16%

Run 4: Report of Verus — Data Link

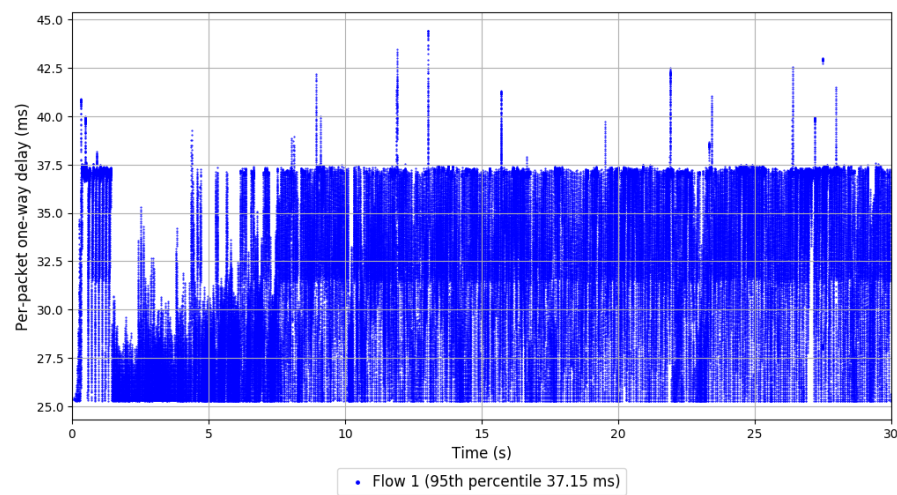
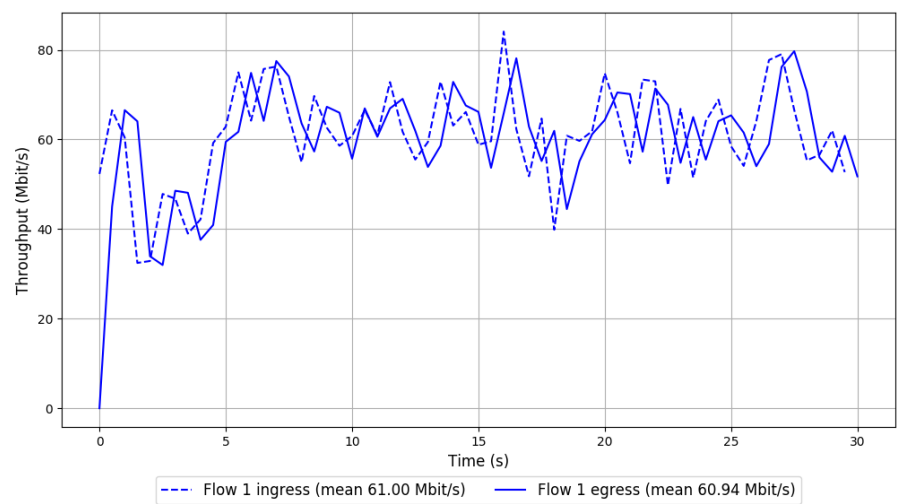


Run 5: Statistics of Verus

Start at: 2018-08-01 17:52:46
End at: 2018-08-01 17:53:16
Local clock offset: 0.614 ms
Remote clock offset: -14.302 ms

Below is generated by plot.py at 2018-08-01 19:57:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.94 Mbit/s
95th percentile per-packet one-way delay: 37.146 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 60.94 Mbit/s
95th percentile per-packet one-way delay: 37.146 ms
Loss rate: 0.21%

Run 5: Report of Verus — Data Link

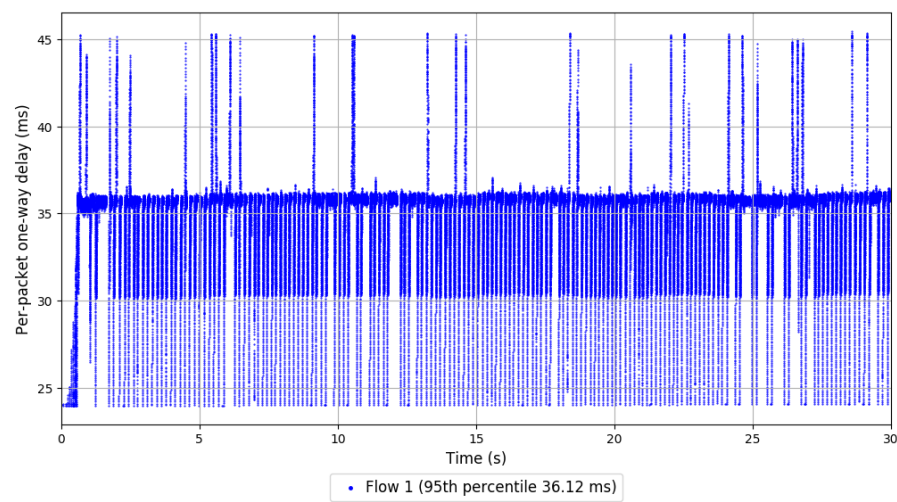
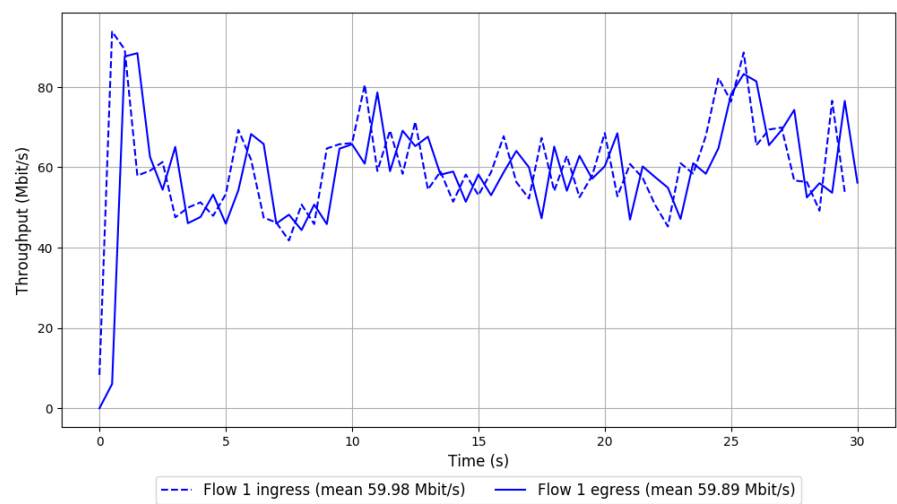


Run 6: Statistics of Verus

Start at: 2018-08-01 18:12:25
End at: 2018-08-01 18:12:55
Local clock offset: -0.314 ms
Remote clock offset: -10.241 ms

Below is generated by plot.py at 2018-08-01 19:57:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 59.89 Mbit/s
95th percentile per-packet one-way delay: 36.116 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.89 Mbit/s
95th percentile per-packet one-way delay: 36.116 ms
Loss rate: 0.11%

Run 6: Report of Verus — Data Link

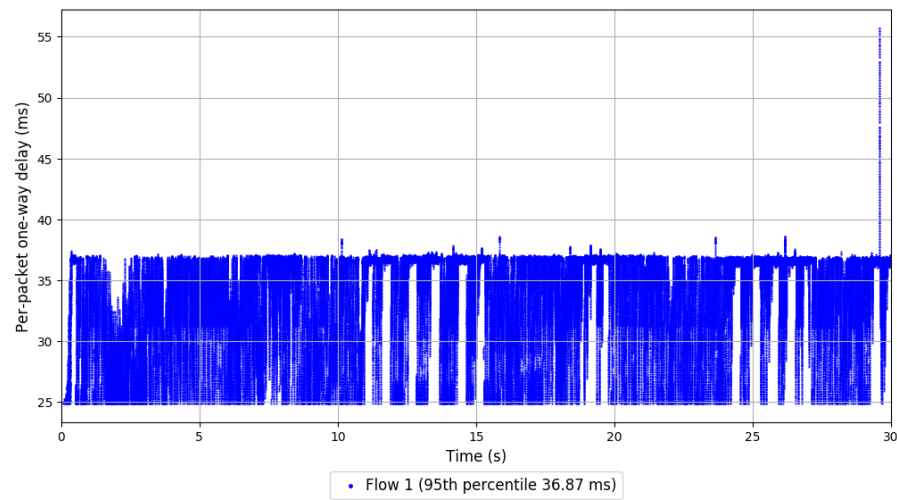
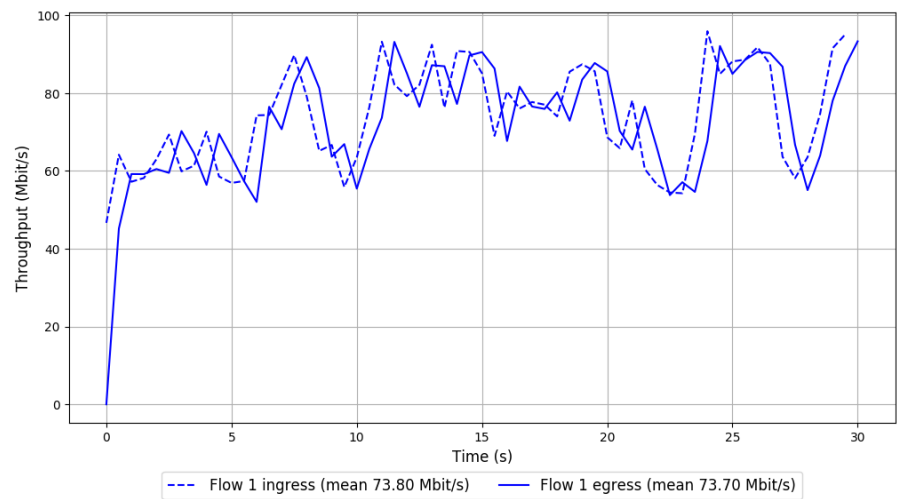


Run 7: Statistics of Verus

Start at: 2018-08-01 18:32:24
End at: 2018-08-01 18:32:54
Local clock offset: 0.37 ms
Remote clock offset: -8.923 ms

Below is generated by plot.py at 2018-08-01 19:57:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.70 Mbit/s
95th percentile per-packet one-way delay: 36.872 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 73.70 Mbit/s
95th percentile per-packet one-way delay: 36.872 ms
Loss rate: 0.24%

Run 7: Report of Verus — Data Link

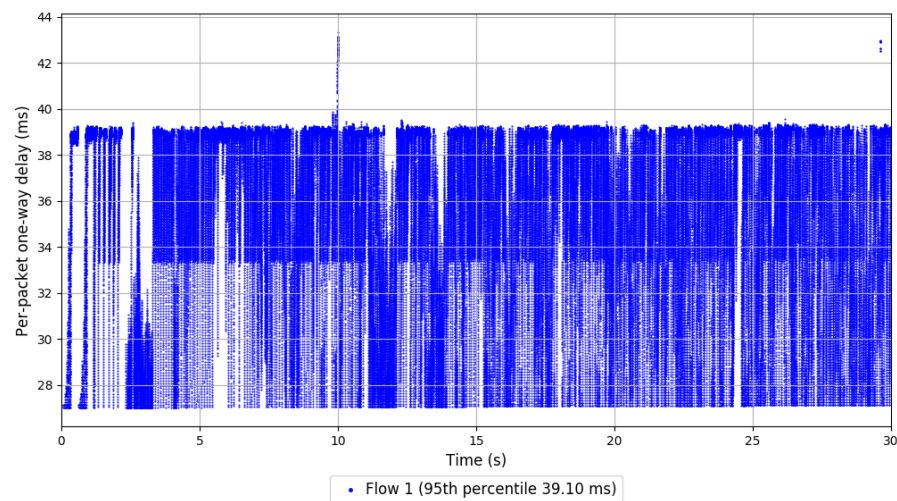
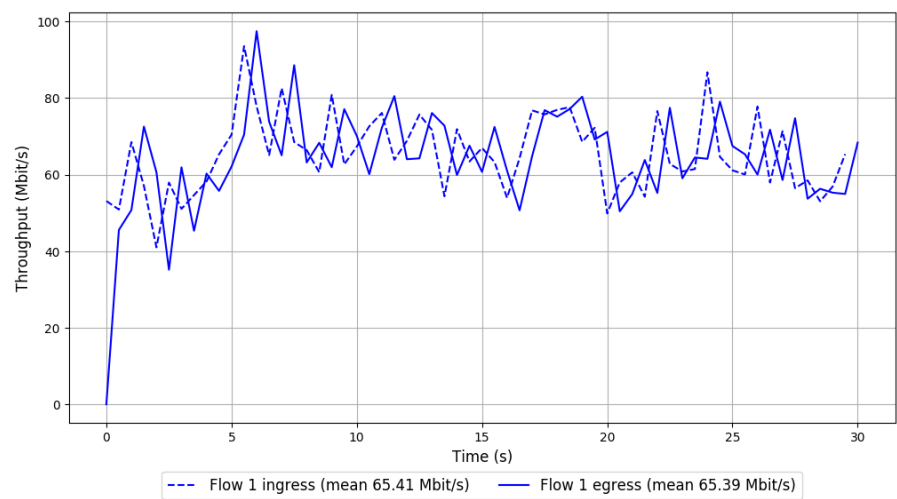


Run 8: Statistics of Verus

Start at: 2018-08-01 18:52:02
End at: 2018-08-01 18:52:32
Local clock offset: 2.422 ms
Remote clock offset: -12.026 ms

Below is generated by plot.py at 2018-08-01 19:57:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.39 Mbit/s
95th percentile per-packet one-way delay: 39.100 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 65.39 Mbit/s
95th percentile per-packet one-way delay: 39.100 ms
Loss rate: 0.12%

Run 8: Report of Verus — Data Link

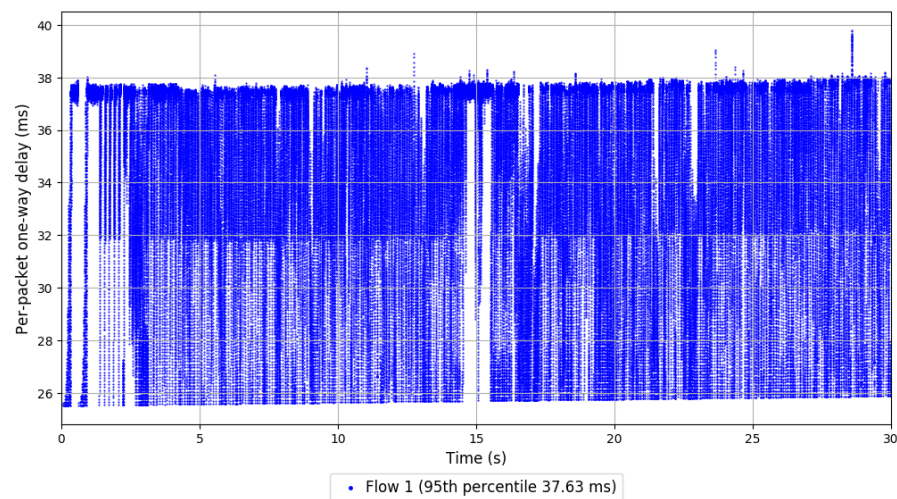
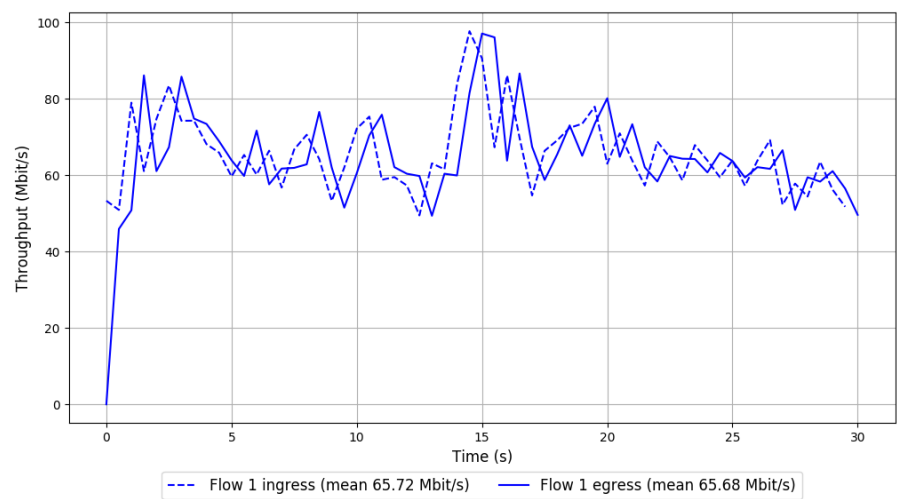


Run 9: Statistics of Verus

Start at: 2018-08-01 19:11:35
End at: 2018-08-01 19:12:05
Local clock offset: 0.596 ms
Remote clock offset: -8.855 ms

Below is generated by plot.py at 2018-08-01 19:57:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.68 Mbit/s
95th percentile per-packet one-way delay: 37.635 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 65.68 Mbit/s
95th percentile per-packet one-way delay: 37.635 ms
Loss rate: 0.16%

Run 9: Report of Verus — Data Link

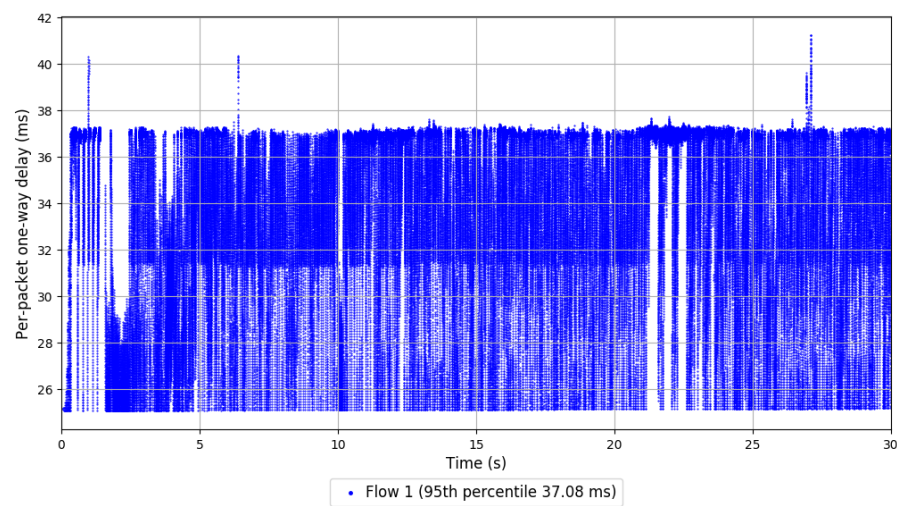
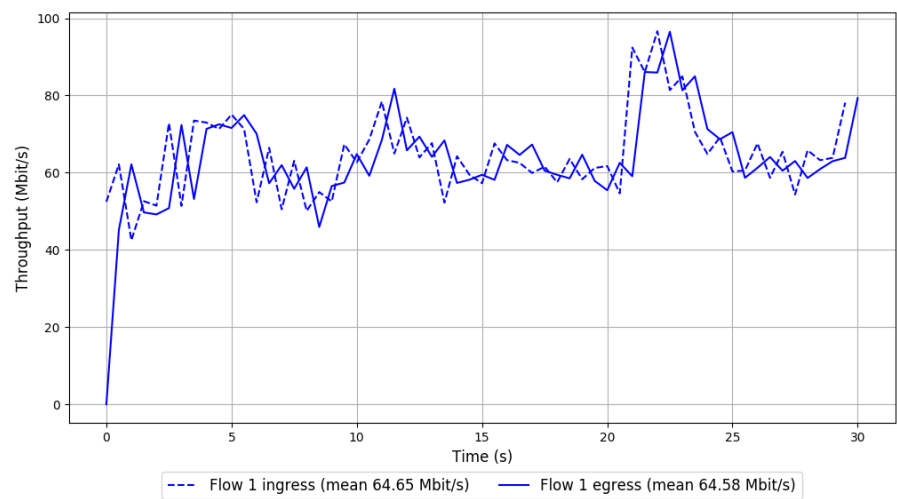


Run 10: Statistics of Verus

Start at: 2018-08-01 19:31:17
End at: 2018-08-01 19:31:47
Local clock offset: -0.656 ms
Remote clock offset: -1.963 ms

Below is generated by plot.py at 2018-08-01 19:57:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 64.58 Mbit/s
95th percentile per-packet one-way delay: 37.084 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 64.58 Mbit/s
95th percentile per-packet one-way delay: 37.084 ms
Loss rate: 0.17%

Run 10: Report of Verus — Data Link

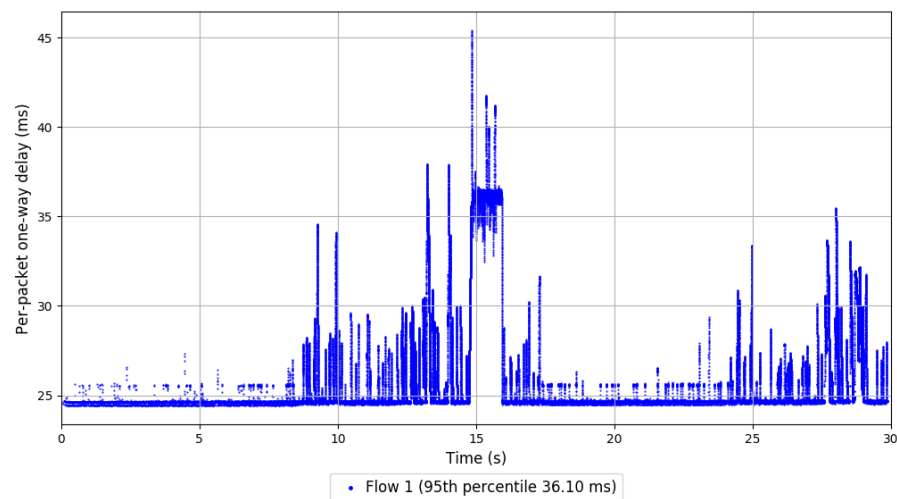
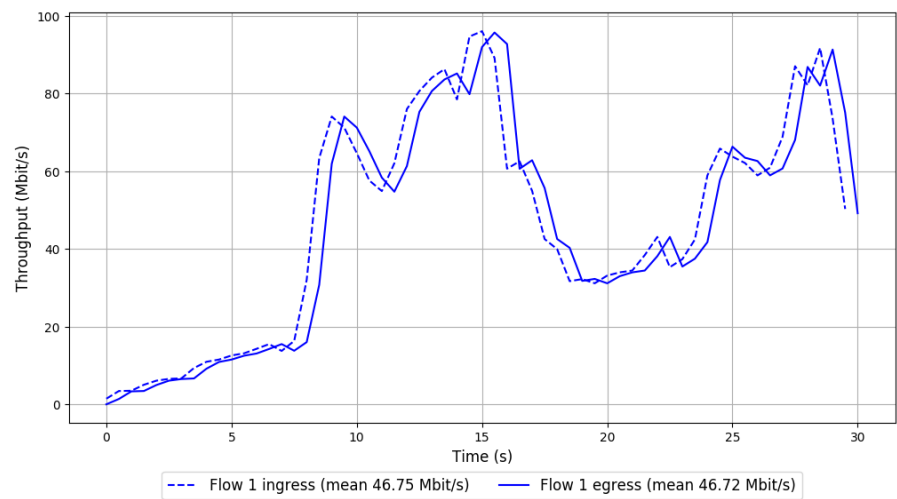


Run 1: Statistics of PCC-Vivace

Start at: 2018-08-01 16:31:48
End at: 2018-08-01 16:32:18
Local clock offset: 2.741 ms
Remote clock offset: -7.812 ms

Below is generated by plot.py at 2018-08-01 19:57:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 46.72 Mbit/s
95th percentile per-packet one-way delay: 36.099 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 46.72 Mbit/s
95th percentile per-packet one-way delay: 36.099 ms
Loss rate: 0.18%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2018-08-01 16:51:22

End at: 2018-08-01 16:51:52

Local clock offset: 5.636 ms

Remote clock offset: -4.424 ms

Below is generated by plot.py at 2018-08-01 19:58:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.74 Mbit/s

95th percentile per-packet one-way delay: 39.998 ms

Loss rate: 2.44%

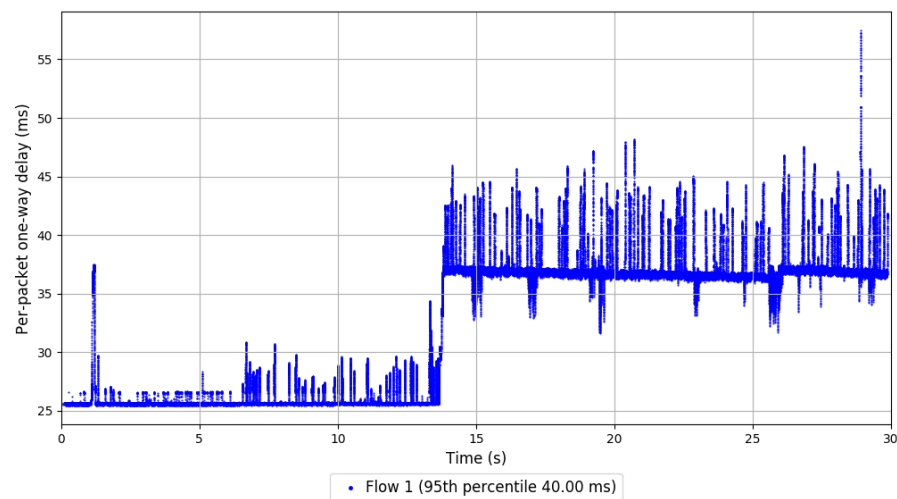
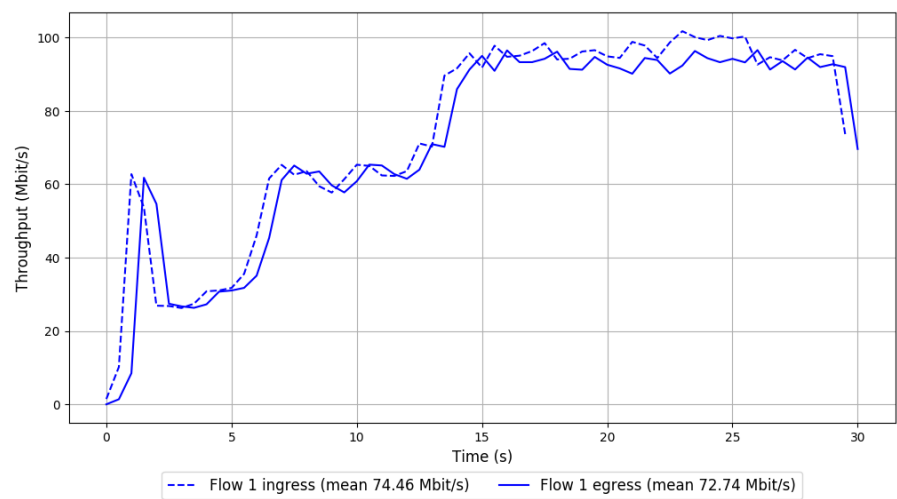
-- Flow 1:

Average throughput: 72.74 Mbit/s

95th percentile per-packet one-way delay: 39.998 ms

Loss rate: 2.44%

Run 2: Report of PCC-Vivace — Data Link

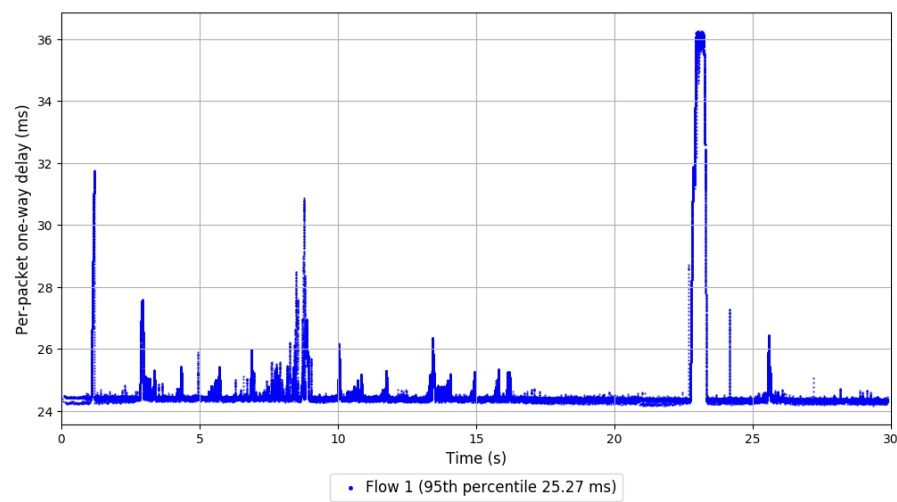
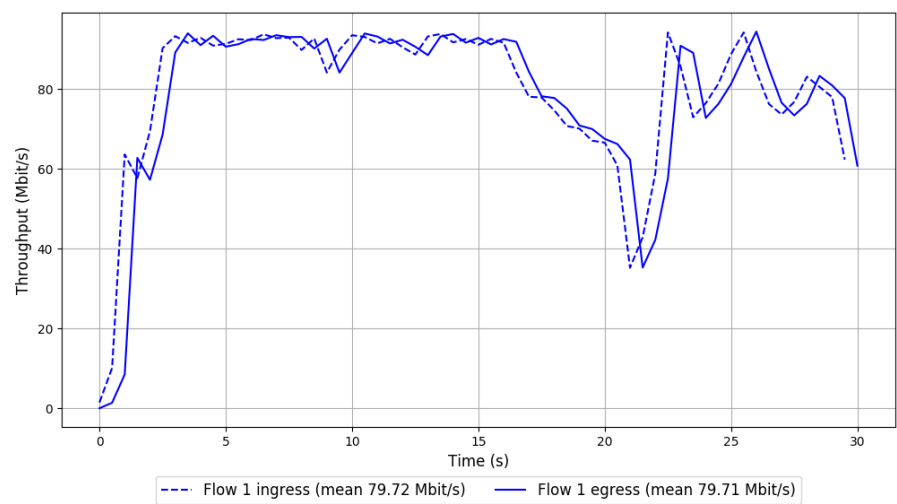


Run 3: Statistics of PCC-Vivace

Start at: 2018-08-01 17:11:08
End at: 2018-08-01 17:11:38
Local clock offset: 1.203 ms
Remote clock offset: -13.997 ms

Below is generated by plot.py at 2018-08-01 19:58:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.71 Mbit/s
95th percentile per-packet one-way delay: 25.269 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 79.71 Mbit/s
95th percentile per-packet one-way delay: 25.269 ms
Loss rate: 0.12%

Run 3: Report of PCC-Vivace — Data Link

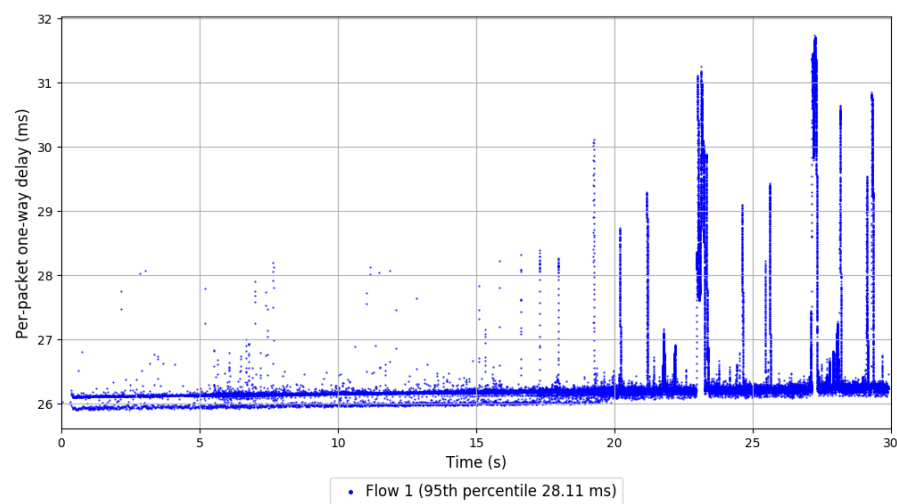
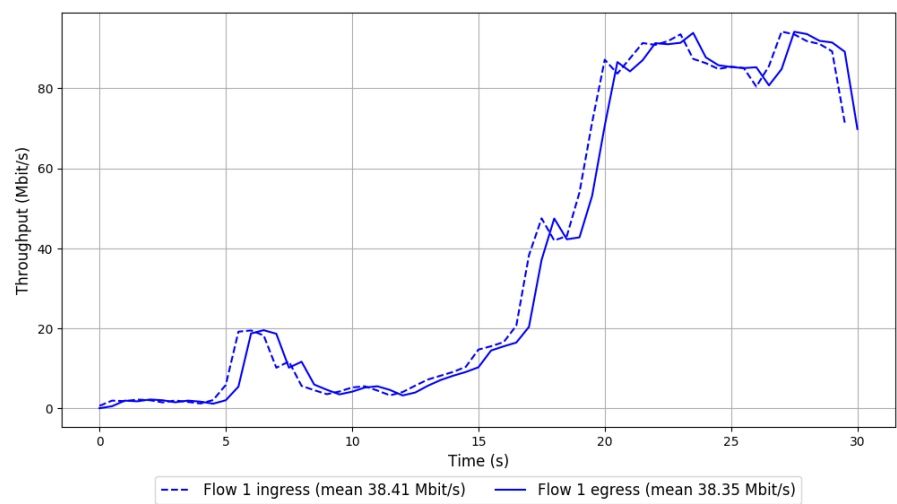


Run 4: Statistics of PCC-Vivace

Start at: 2018-08-01 17:30:38
End at: 2018-08-01 17:31:08
Local clock offset: 2.797 ms
Remote clock offset: -14.657 ms

Below is generated by plot.py at 2018-08-01 19:58:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 38.35 Mbit/s
95th percentile per-packet one-way delay: 28.113 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 38.35 Mbit/s
95th percentile per-packet one-way delay: 28.113 ms
Loss rate: 0.26%

Run 4: Report of PCC-Vivace — Data Link

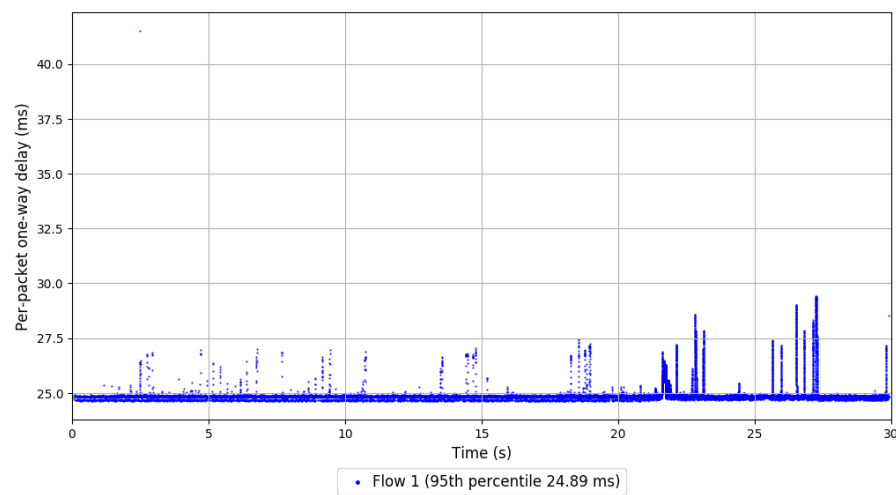
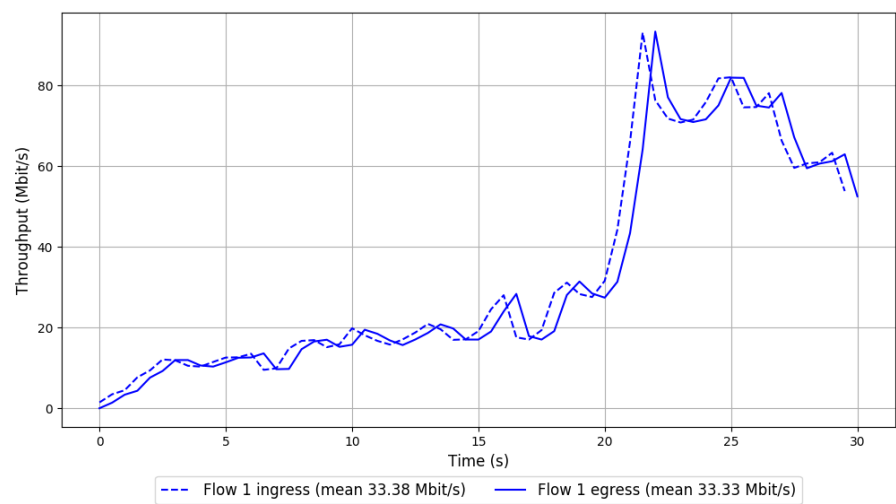


Run 5: Statistics of PCC-Vivace

Start at: 2018-08-01 17:50:29
End at: 2018-08-01 17:50:59
Local clock offset: -0.543 ms
Remote clock offset: -14.92 ms

Below is generated by plot.py at 2018-08-01 19:58:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 33.33 Mbit/s
95th percentile per-packet one-way delay: 24.885 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 33.33 Mbit/s
95th percentile per-packet one-way delay: 24.885 ms
Loss rate: 0.23%

Run 5: Report of PCC-Vivace — Data Link

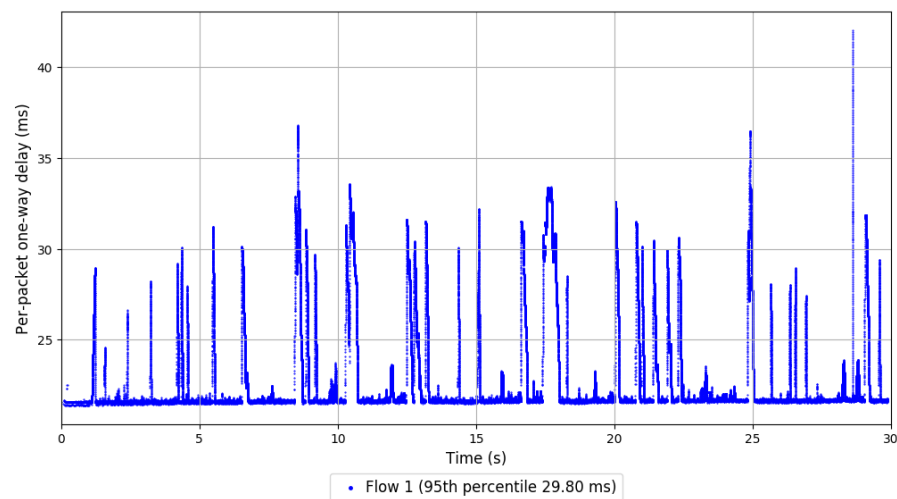
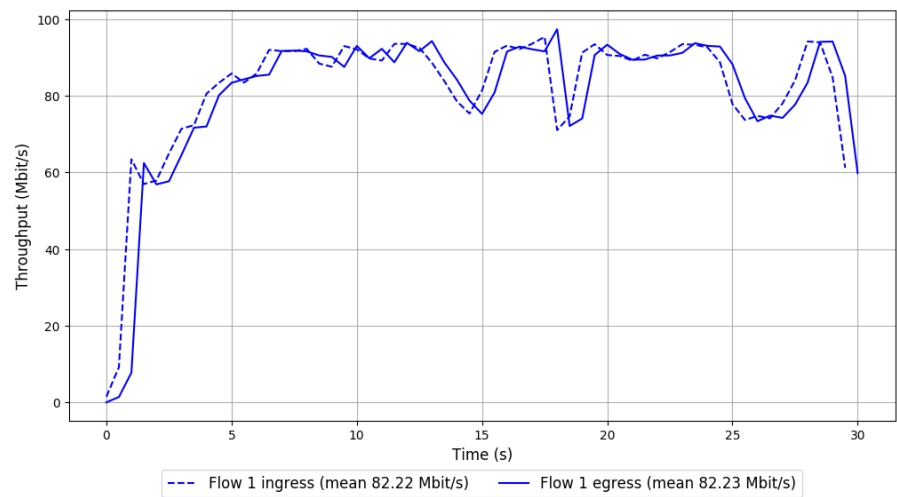


Run 6: Statistics of PCC-Vivace

Start at: 2018-08-01 18:10:03
End at: 2018-08-01 18:10:33
Local clock offset: -1.266 ms
Remote clock offset: -9.313 ms

Below is generated by plot.py at 2018-08-01 19:58:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.23 Mbit/s
95th percentile per-packet one-way delay: 29.805 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 82.23 Mbit/s
95th percentile per-packet one-way delay: 29.805 ms
Loss rate: 0.11%

Run 6: Report of PCC-Vivace — Data Link

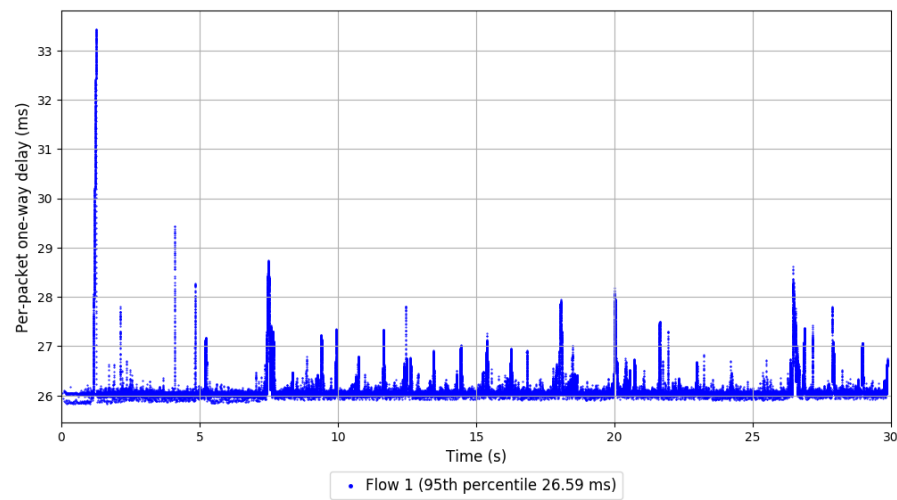
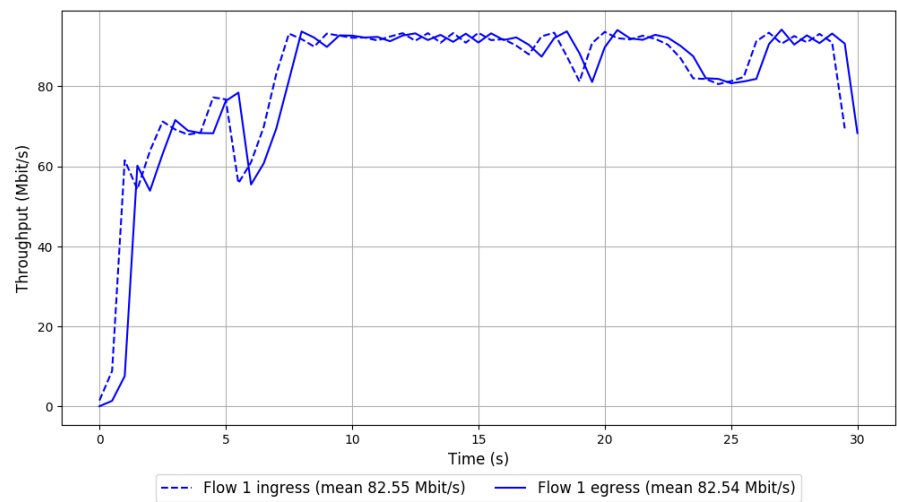


Run 7: Statistics of PCC-Vivace

Start at: 2018-08-01 18:29:59
End at: 2018-08-01 18:30:29
Local clock offset: 0.969 ms
Remote clock offset: -9.563 ms

Below is generated by plot.py at 2018-08-01 19:58:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.54 Mbit/s
95th percentile per-packet one-way delay: 26.585 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 82.54 Mbit/s
95th percentile per-packet one-way delay: 26.585 ms
Loss rate: 0.13%

Run 7: Report of PCC-Vivace — Data Link

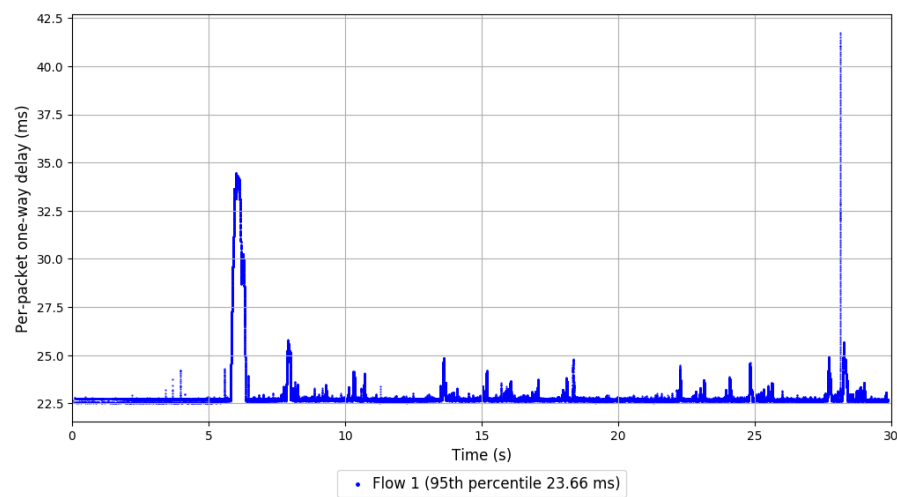
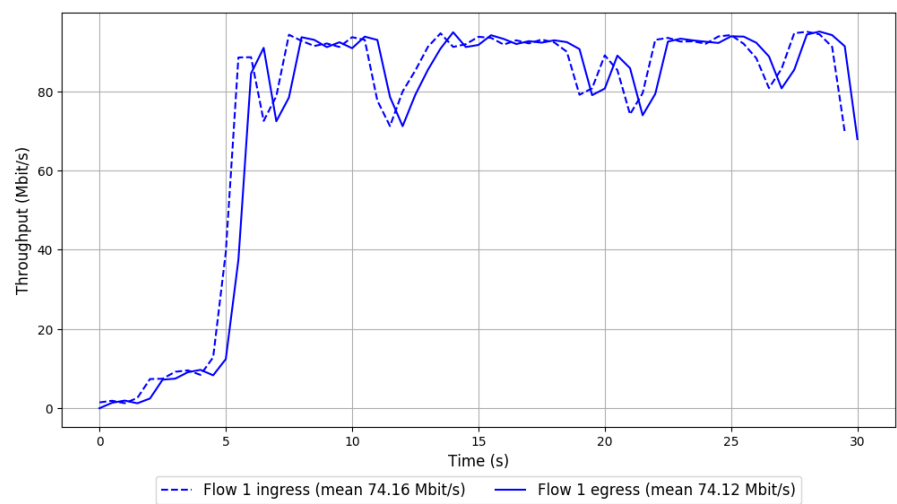


Run 8: Statistics of PCC-Vivace

Start at: 2018-08-01 18:49:40
End at: 2018-08-01 18:50:10
Local clock offset: 1.541 ms
Remote clock offset: -8.403 ms

Below is generated by plot.py at 2018-08-01 19:58:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.12 Mbit/s
95th percentile per-packet one-way delay: 23.655 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 74.12 Mbit/s
95th percentile per-packet one-way delay: 23.655 ms
Loss rate: 0.16%

Run 8: Report of PCC-Vivace — Data Link

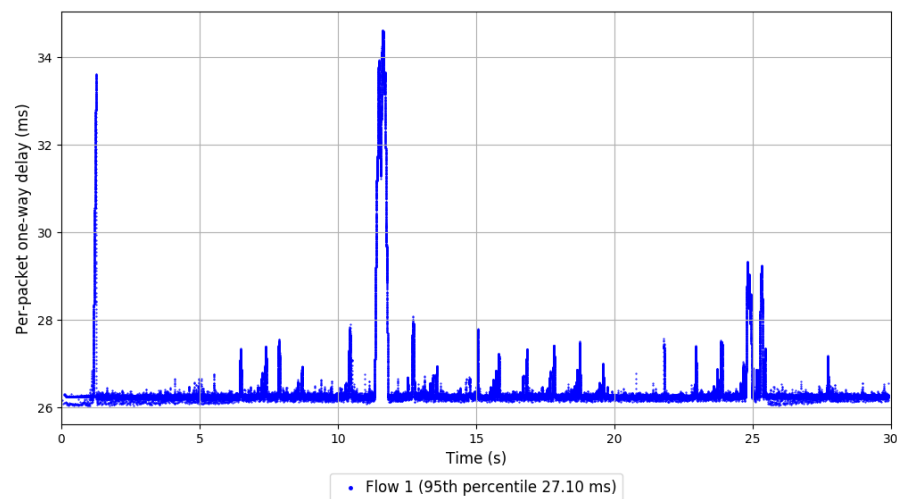
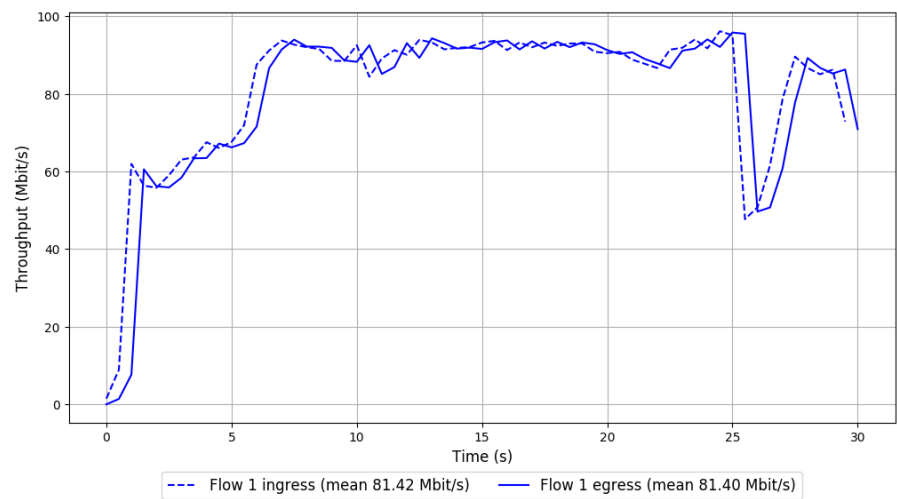


Run 9: Statistics of PCC-Vivace

Start at: 2018-08-01 19:09:14
End at: 2018-08-01 19:09:44
Local clock offset: 0.812 ms
Remote clock offset: -10.845 ms

Below is generated by plot.py at 2018-08-01 19:58:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.40 Mbit/s
95th percentile per-packet one-way delay: 27.104 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 81.40 Mbit/s
95th percentile per-packet one-way delay: 27.104 ms
Loss rate: 0.13%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-08-01 19:28:52

End at: 2018-08-01 19:29:22

Local clock offset: -1.522 ms

Remote clock offset: -4.253 ms

Below is generated by plot.py at 2018-08-01 19:58:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.66 Mbit/s

95th percentile per-packet one-way delay: 26.902 ms

Loss rate: 0.12%

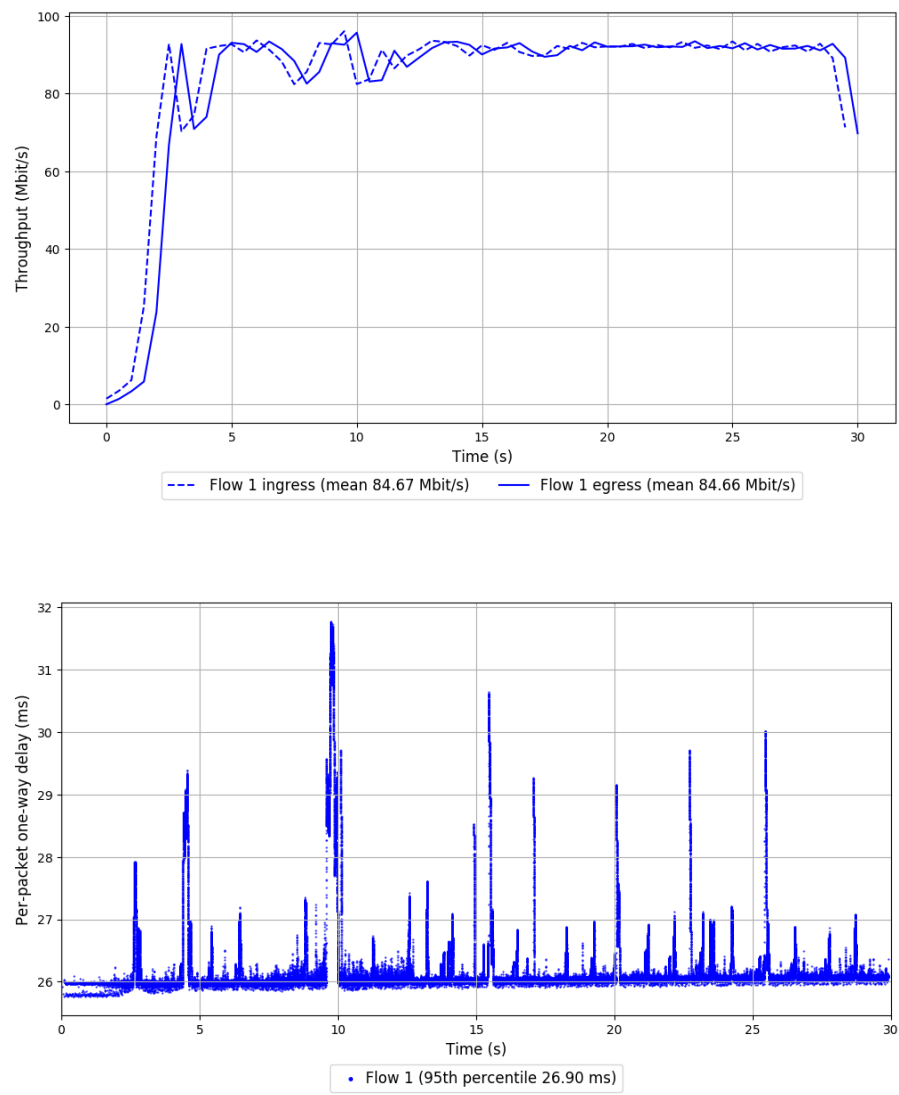
-- Flow 1:

Average throughput: 84.66 Mbit/s

95th percentile per-packet one-way delay: 26.902 ms

Loss rate: 0.12%

Run 10: Report of PCC-Vivace — Data Link

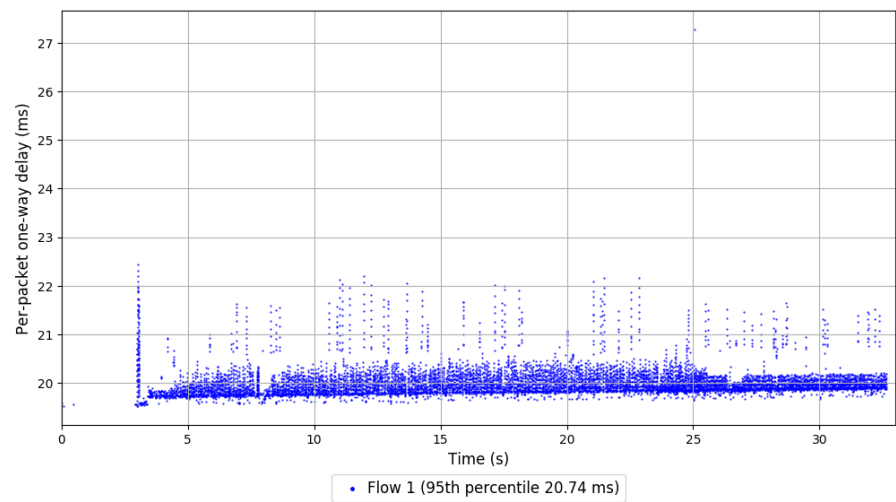
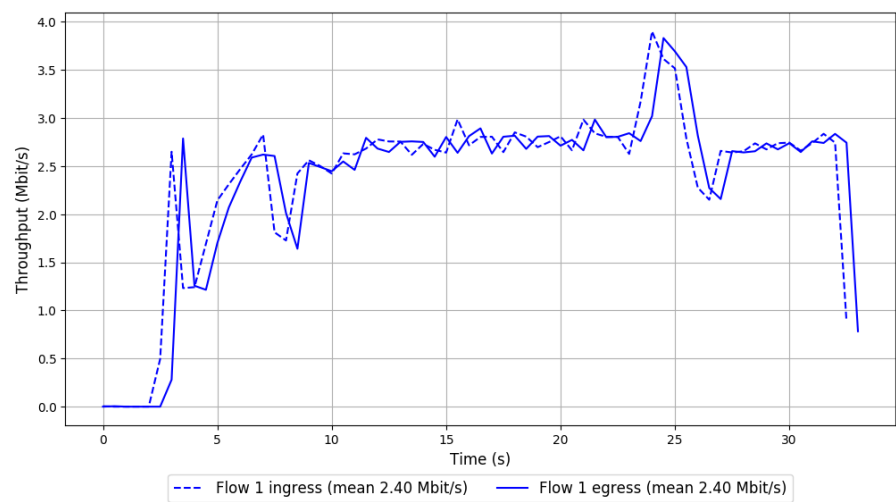


Run 1: Statistics of WebRTC media

Start at: 2018-08-01 16:23:37
End at: 2018-08-01 16:24:07
Local clock offset: 3.261 ms
Remote clock offset: -10.54 ms

Below is generated by plot.py at 2018-08-01 19:58:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 20.736 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 20.736 ms
Loss rate: 0.13%

Run 1: Report of WebRTC media — Data Link

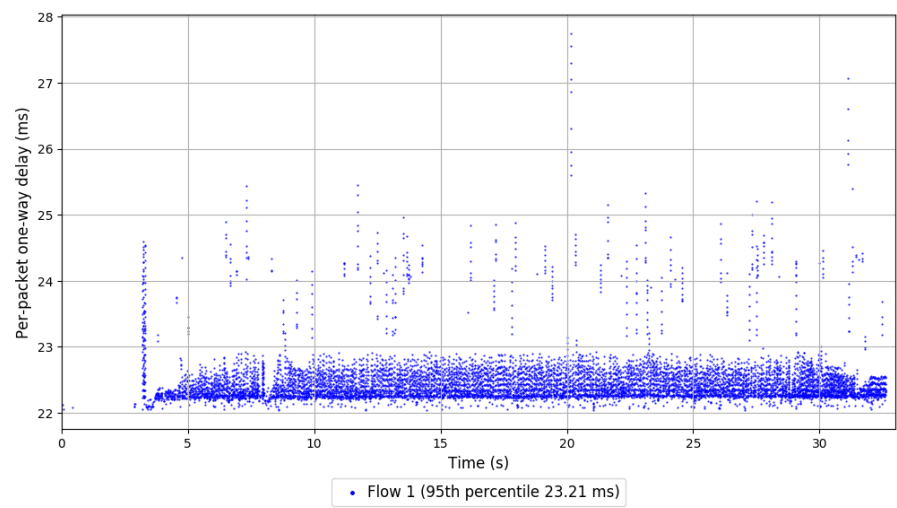
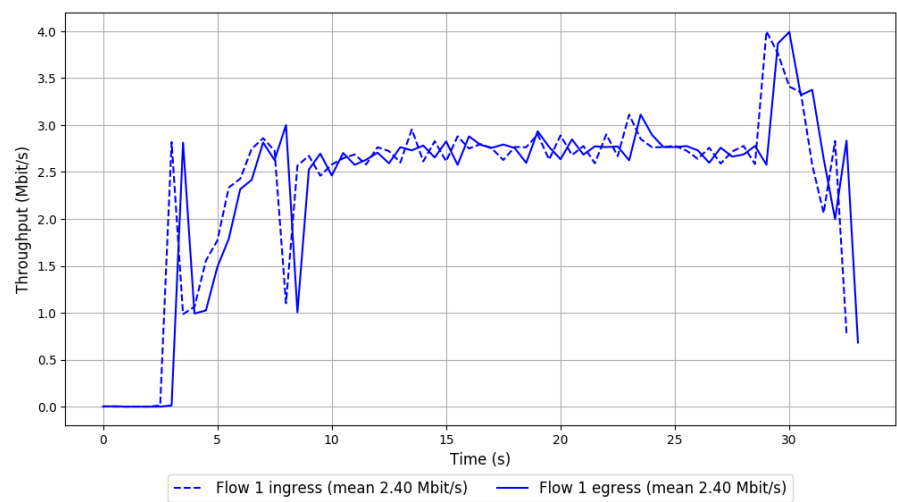


Run 2: Statistics of WebRTC media

Start at: 2018-08-01 16:43:32
End at: 2018-08-01 16:44:02
Local clock offset: 1.783 ms
Remote clock offset: -4.975 ms

Below is generated by plot.py at 2018-08-01 19:58:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 23.208 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 23.208 ms
Loss rate: 0.12%

Run 2: Report of WebRTC media — Data Link

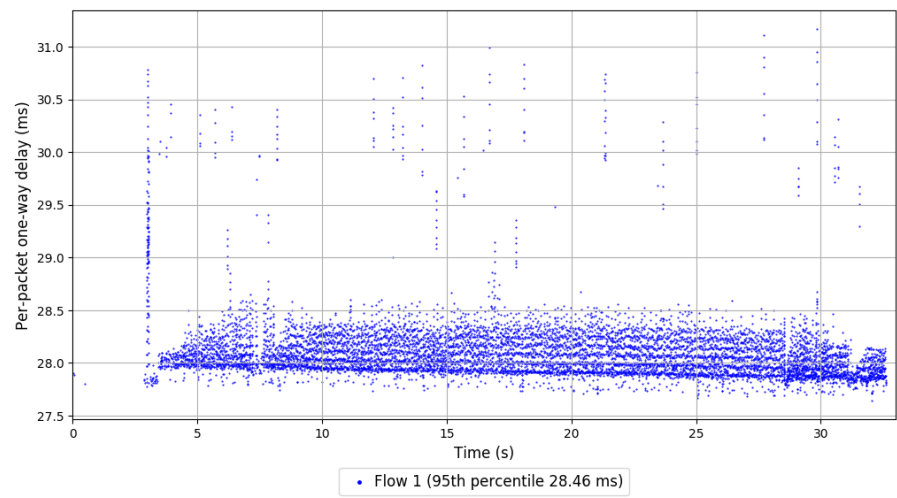
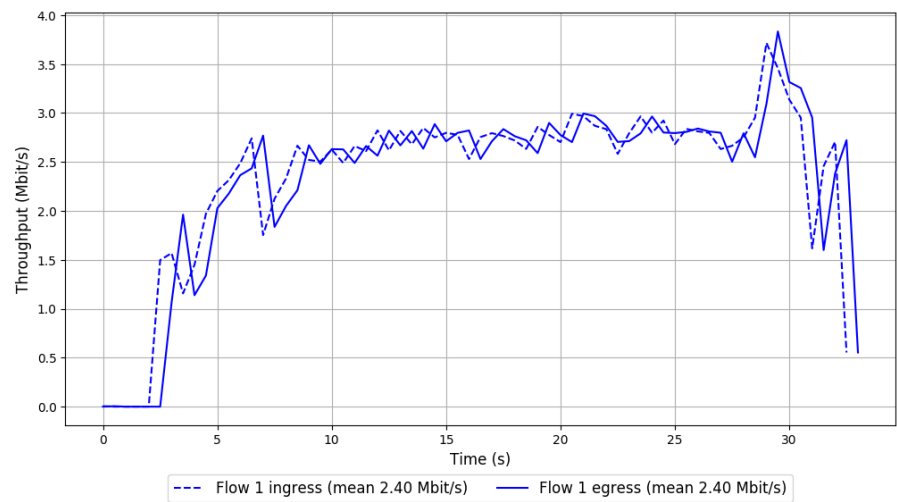


Run 3: Statistics of WebRTC media

Start at: 2018-08-01 17:03:12
End at: 2018-08-01 17:03:42
Local clock offset: 3.751 ms
Remote clock offset: -13.31 ms

Below is generated by plot.py at 2018-08-01 19:58:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 28.465 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 28.465 ms
Loss rate: 0.11%

Run 3: Report of WebRTC media — Data Link

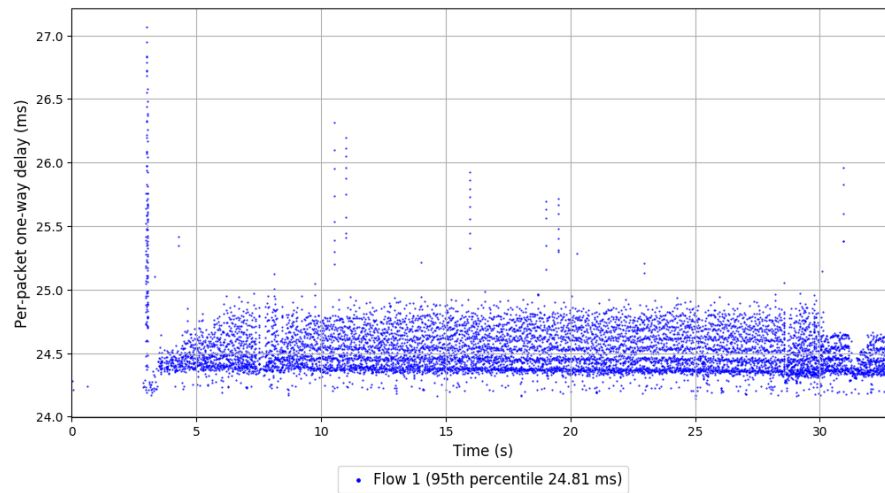
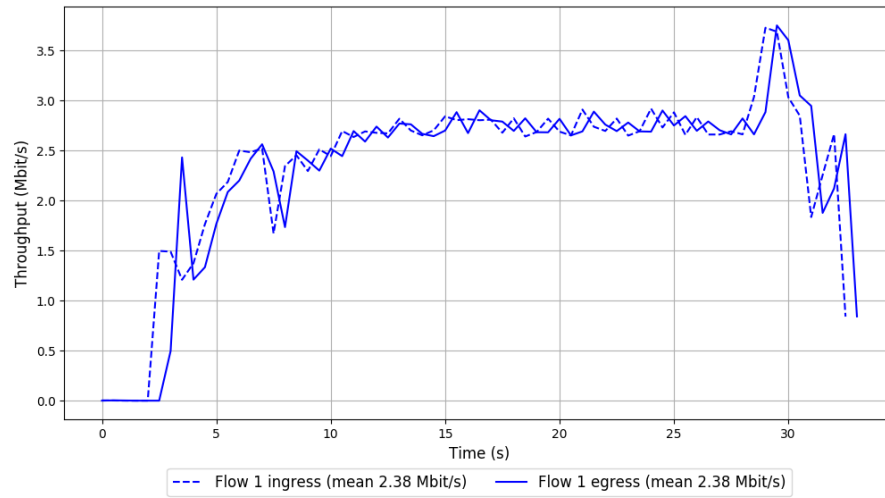


Run 4: Statistics of WebRTC media

Start at: 2018-08-01 17:22:42
End at: 2018-08-01 17:23:12
Local clock offset: 0.211 ms
Remote clock offset: -16.445 ms

Below is generated by plot.py at 2018-08-01 19:58:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 24.812 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 24.812 ms
Loss rate: 0.12%

Run 4: Report of WebRTC media — Data Link

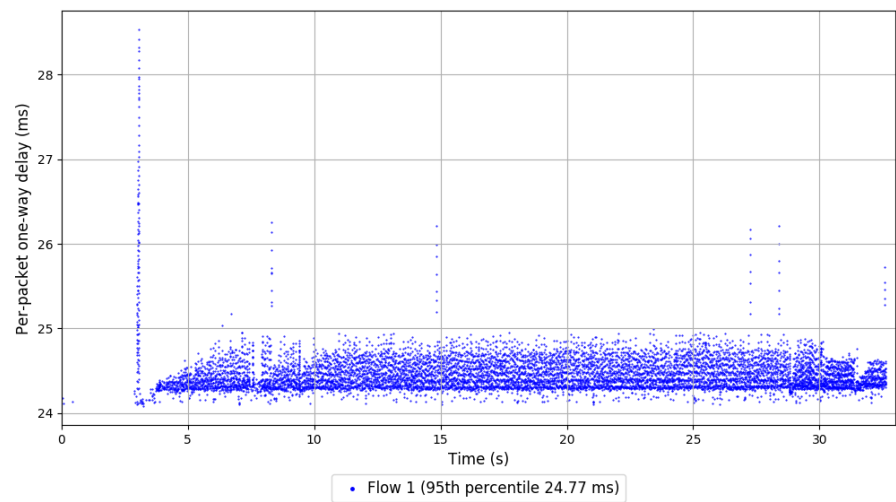
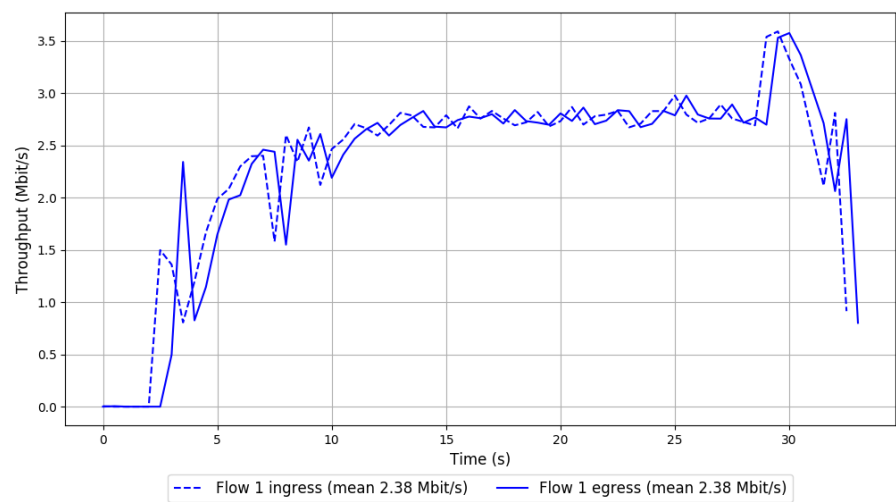


Run 5: Statistics of WebRTC media

Start at: 2018-08-01 17:42:26
End at: 2018-08-01 17:42:56
Local clock offset: 1.048 ms
Remote clock offset: -12.934 ms

Below is generated by plot.py at 2018-08-01 19:58:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 24.773 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 24.773 ms
Loss rate: 0.17%

Run 5: Report of WebRTC media — Data Link

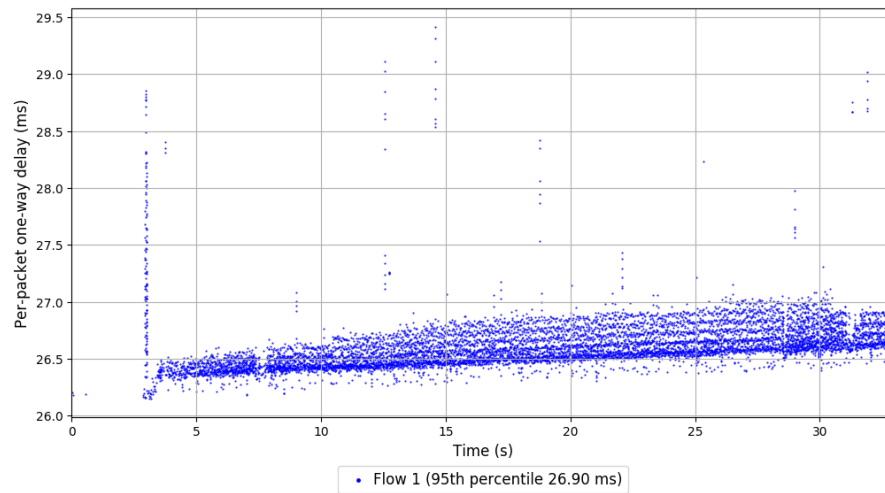
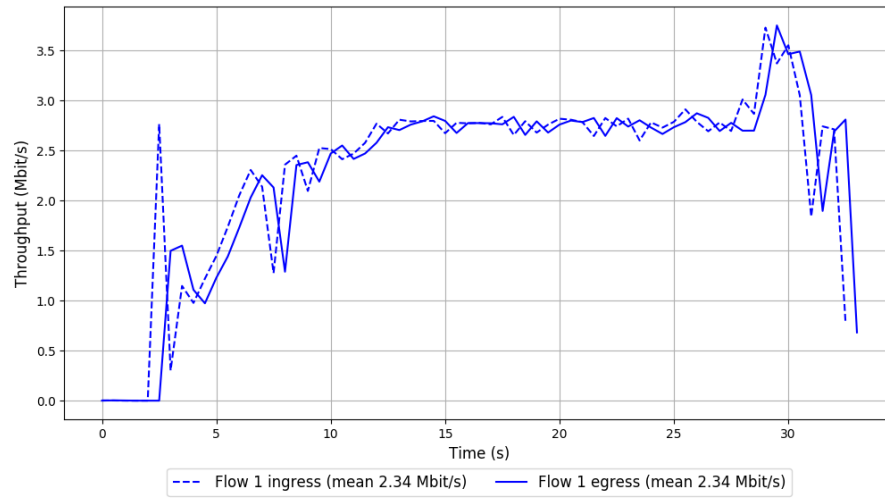


Run 6: Statistics of WebRTC media

Start at: 2018-08-01 18:02:11
End at: 2018-08-01 18:02:41
Local clock offset: 2.648 ms
Remote clock offset: -12.981 ms

Below is generated by plot.py at 2018-08-01 19:58:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 26.903 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 26.903 ms
Loss rate: 0.13%

Run 6: Report of WebRTC media — Data Link

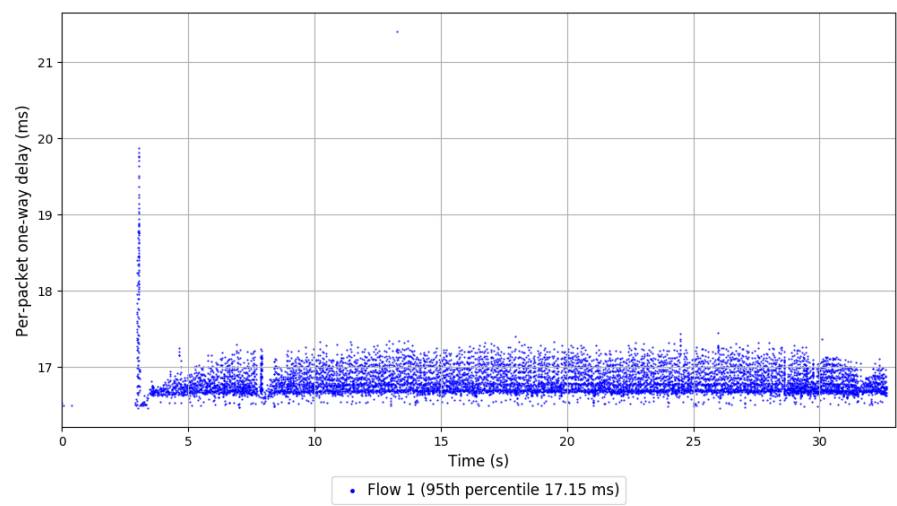
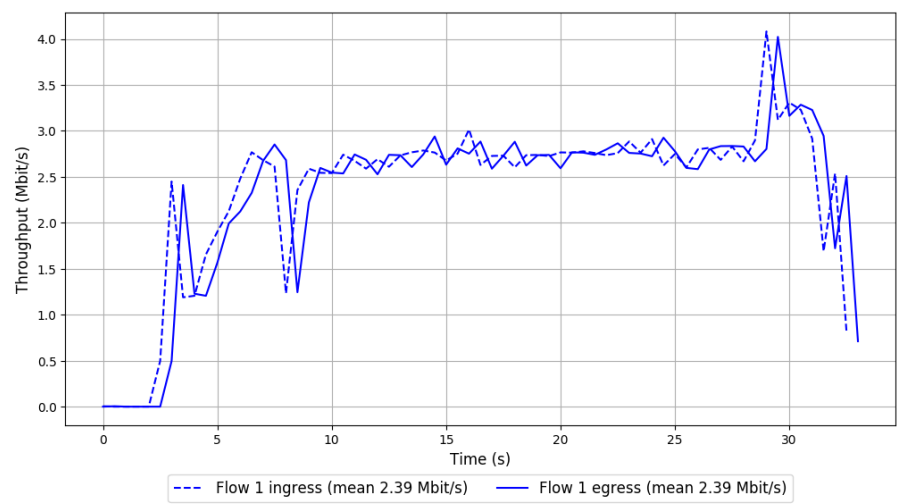


Run 7: Statistics of WebRTC media

Start at: 2018-08-01 18:21:53
End at: 2018-08-01 18:22:23
Local clock offset: -6.638 ms
Remote clock offset: -7.841 ms

Below is generated by plot.py at 2018-08-01 19:58:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 17.154 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 17.154 ms
Loss rate: 0.13%

Run 7: Report of WebRTC media — Data Link

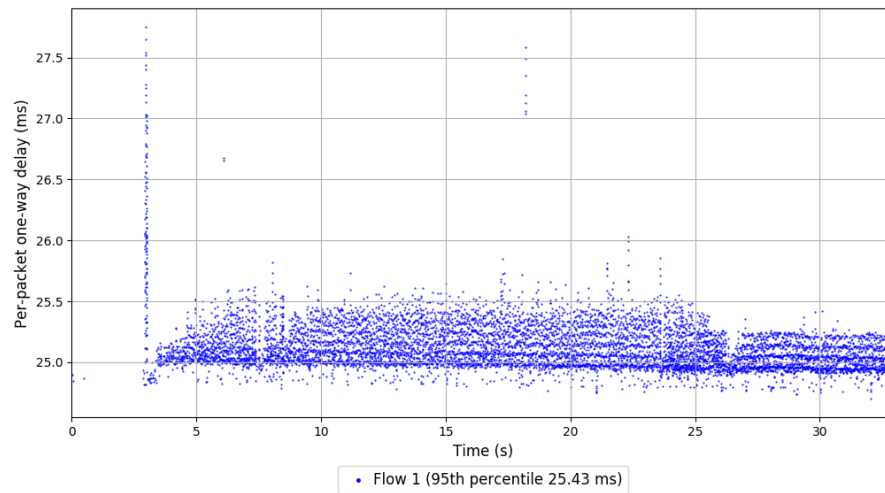
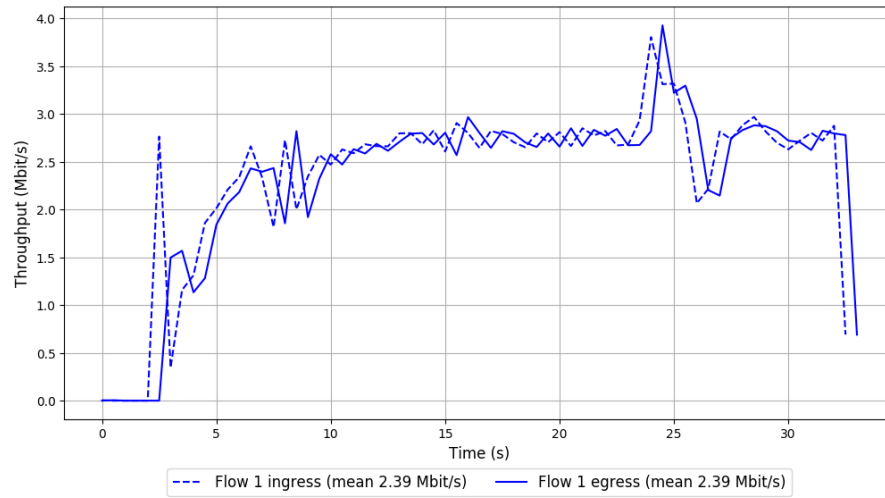


Run 8: Statistics of WebRTC media

Start at: 2018-08-01 18:41:41
End at: 2018-08-01 18:42:11
Local clock offset: 2.752 ms
Remote clock offset: -8.345 ms

Below is generated by plot.py at 2018-08-01 19:58:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 25.426 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 25.426 ms
Loss rate: 0.13%

Run 8: Report of WebRTC media — Data Link

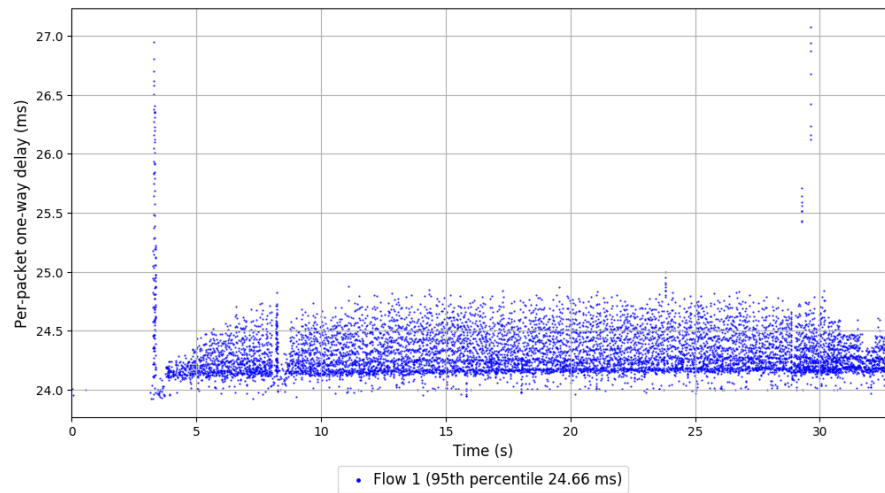
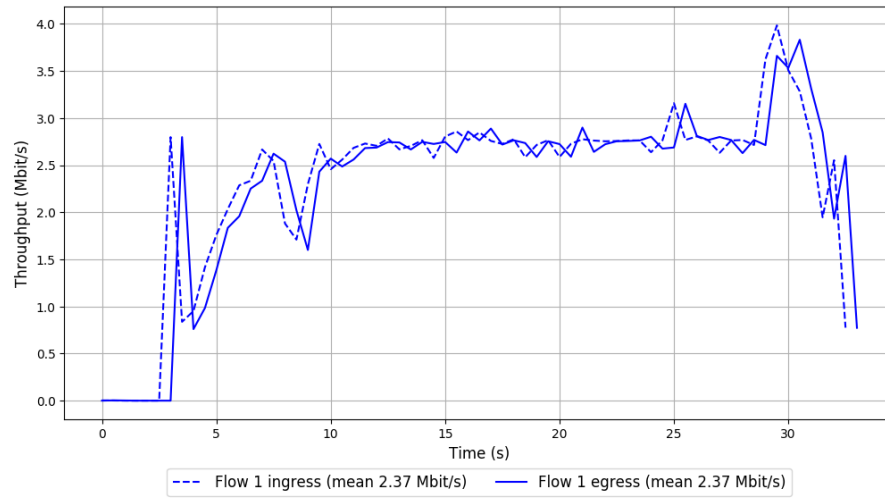


Run 9: Statistics of WebRTC media

Start at: 2018-08-01 19:01:17
End at: 2018-08-01 19:01:47
Local clock offset: 1.083 ms
Remote clock offset: -8.953 ms

Below is generated by plot.py at 2018-08-01 19:58:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 24.659 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 2.37 Mbit/s
95th percentile per-packet one-way delay: 24.659 ms
Loss rate: 0.06%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-01 19:21:01
End at: 2018-08-01 19:21:32
Local clock offset: -2.286 ms
Remote clock offset: -4.259 ms

Below is generated by plot.py at 2018-08-01 19:58:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 23.525 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.38 Mbit/s
95th percentile per-packet one-way delay: 23.525 ms
Loss rate: 0.13%

Run 10: Report of WebRTC media — Data Link

