

Pantheon Report

Generated at 2018-05-24 07:16:26 (UTC).

Data path: AWS California 2 Ethernet (*local*) → Mexico Ethernet (*remote*).

Repeated the test of 16 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

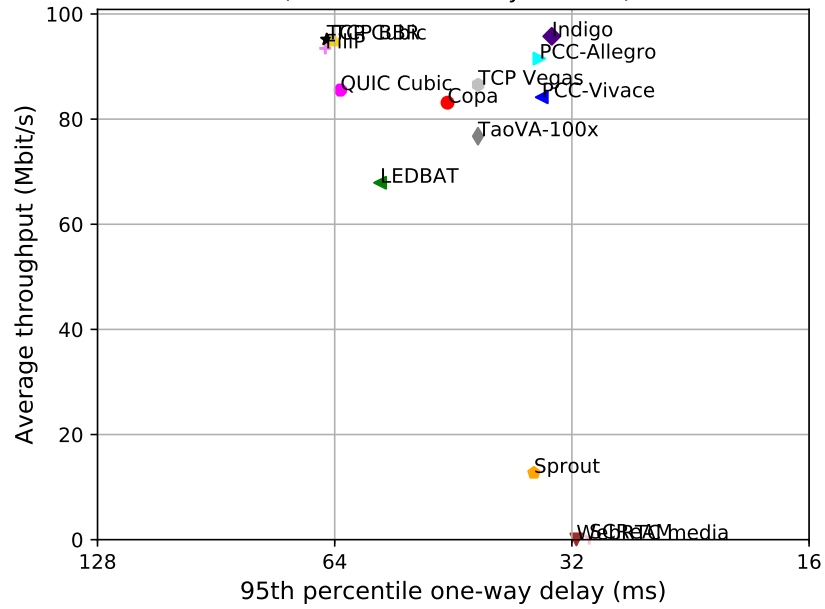
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

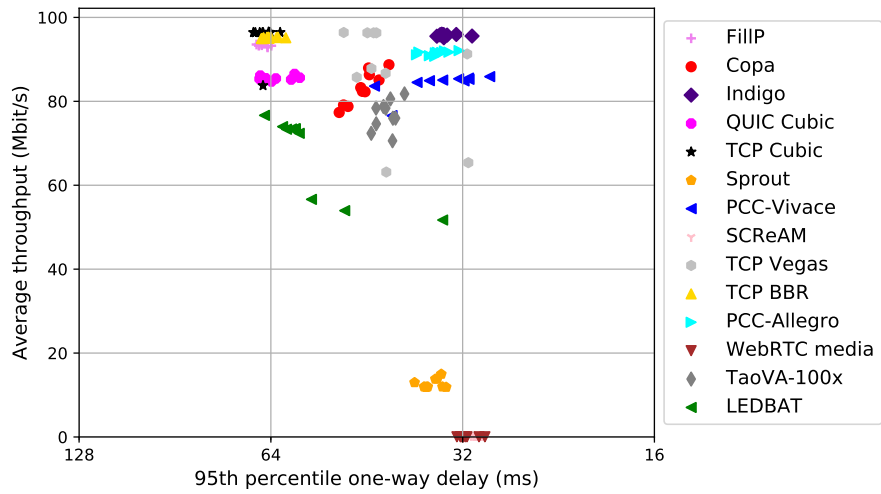
Git summary:

```
branch: master @ 0088822873ea99180f63545a341ef069f40efe59
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/genericCC @ c7966e494a929986eaa5a9c169a7f381fe1bbbe5
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
third_party/sprout @ c838669682f0c19f6baf92afc9a596a406d48c1f
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webrtc @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from AWS California 2 to Mexico, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from AWS California 2 to Mexico, 10 runs of 30s each per 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	95.16	64.15	4.05
Copa	10	83.13	46.03	0.75
TCP Cubic	10	95.15	65.51	0.34
FillP	10	93.46	65.78	6.65
Indigo	10	95.75	33.94	0.01
LEDBAT	10	67.90	56.05	0.01
PCC-Allegro	10	91.51	35.19	0.65
PCC-Expr	0	N/A	N/A	N/A
QUIC Cubic	9	85.52	62.95	1.09
SCReAM	10	0.22	30.42	0.00
Sprout	10	12.72	35.75	0.02
TaoVA-100x	10	76.75	42.11	0.01
TCP Vegas	10	86.54	42.09	0.33
Verus	0	N/A	N/A	N/A
PCC-Vivace	10	84.16	34.95	0.02
WebRTC media	10	0.05	31.58	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-05-24 03:38:56

End at: 2018-05-24 03:39:26

Local clock offset: 0.842 ms

Remote clock offset: -3.754 ms

Below is generated by plot.py at 2018-05-24 06:59:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.15 Mbit/s

95th percentile per-packet one-way delay: 60.637 ms

Loss rate: 4.09%

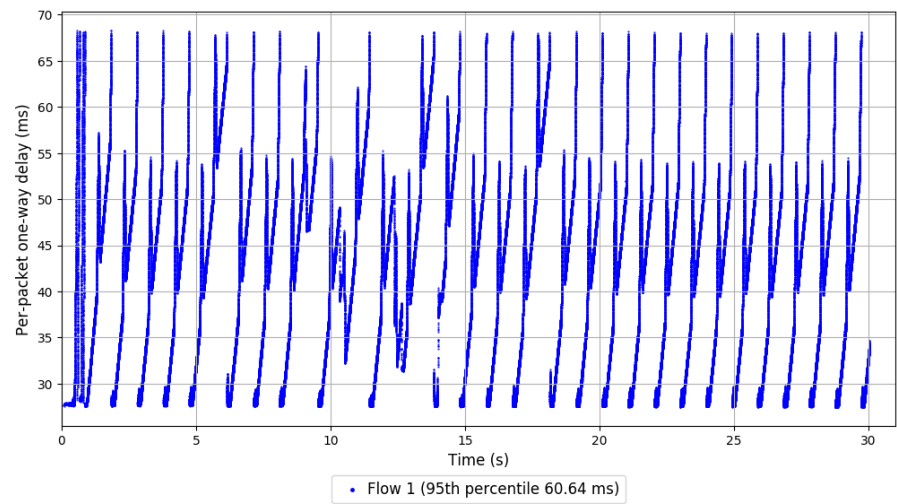
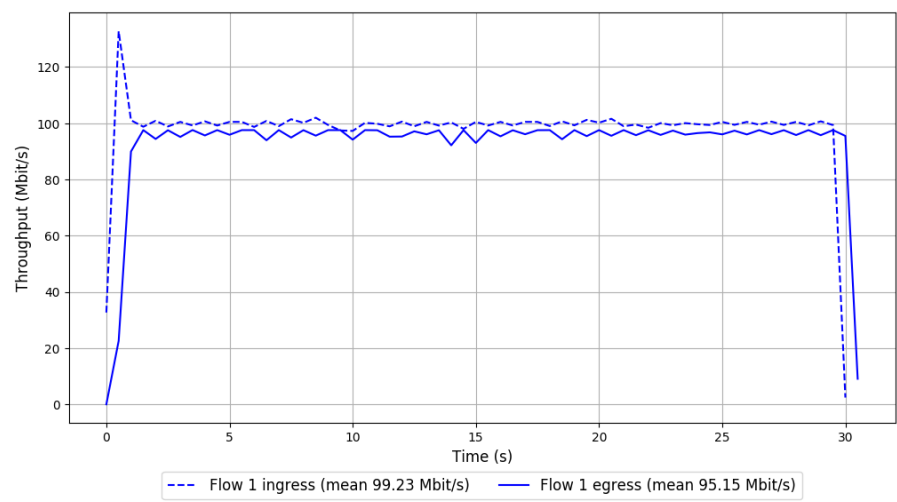
-- Flow 1:

Average throughput: 95.15 Mbit/s

95th percentile per-packet one-way delay: 60.637 ms

Loss rate: 4.09%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-05-24 03:59:42

End at: 2018-05-24 04:00:12

Local clock offset: 0.867 ms

Remote clock offset: -1.766 ms

Below is generated by plot.py at 2018-05-24 06:59:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.27 Mbit/s

95th percentile per-packet one-way delay: 63.996 ms

Loss rate: 4.10%

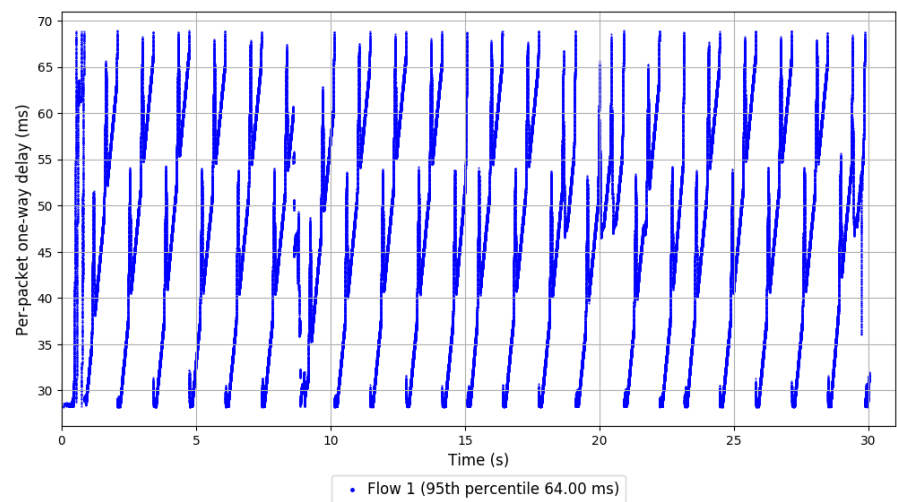
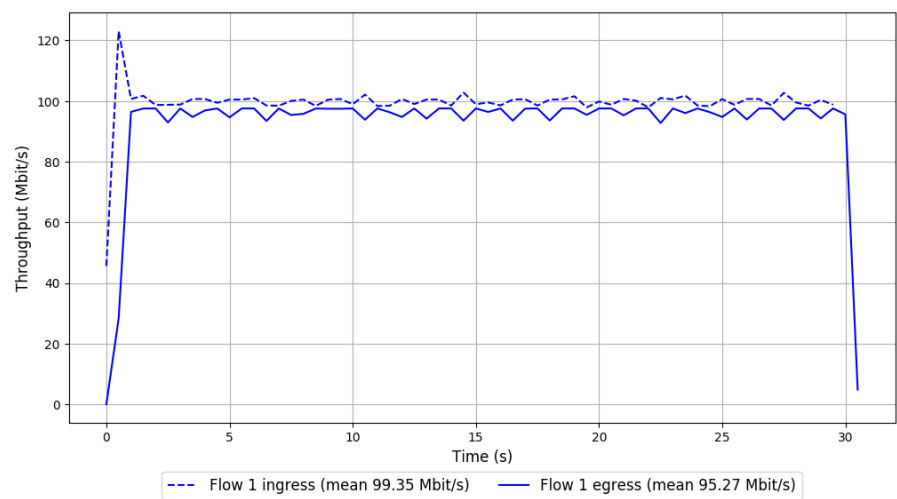
-- Flow 1:

Average throughput: 95.27 Mbit/s

95th percentile per-packet one-way delay: 63.996 ms

Loss rate: 4.10%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-05-24 04:20:27

End at: 2018-05-24 04:20:57

Local clock offset: 0.895 ms

Remote clock offset: -0.728 ms

Below is generated by plot.py at 2018-05-24 06:59:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.03 Mbit/s

95th percentile per-packet one-way delay: 64.422 ms

Loss rate: 3.83%

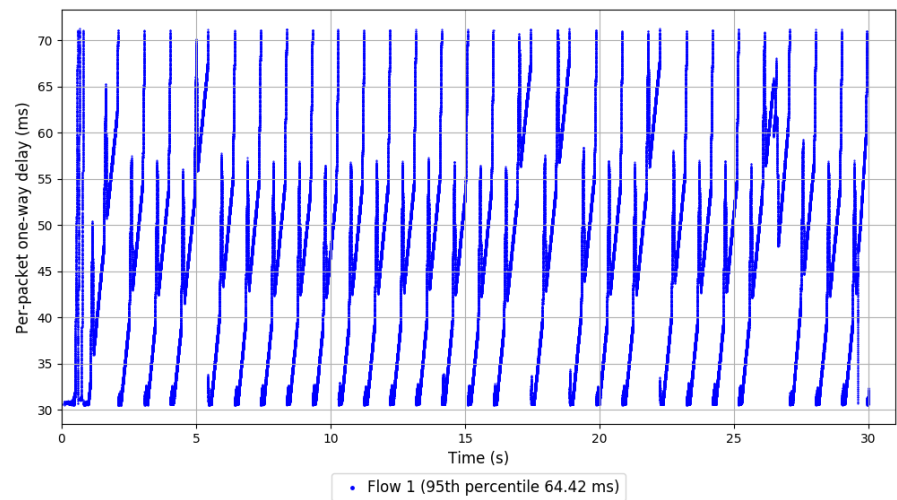
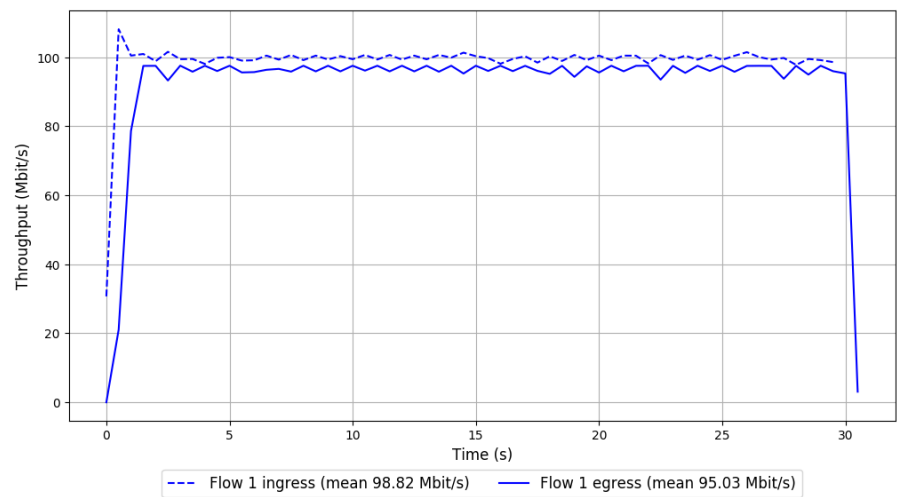
-- Flow 1:

Average throughput: 95.03 Mbit/s

95th percentile per-packet one-way delay: 64.422 ms

Loss rate: 3.83%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-05-24 04:41:20

End at: 2018-05-24 04:41:50

Local clock offset: 0.798 ms

Remote clock offset: -1.707 ms

Below is generated by plot.py at 2018-05-24 06:59:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.20 Mbit/s

95th percentile per-packet one-way delay: 62.722 ms

Loss rate: 4.01%

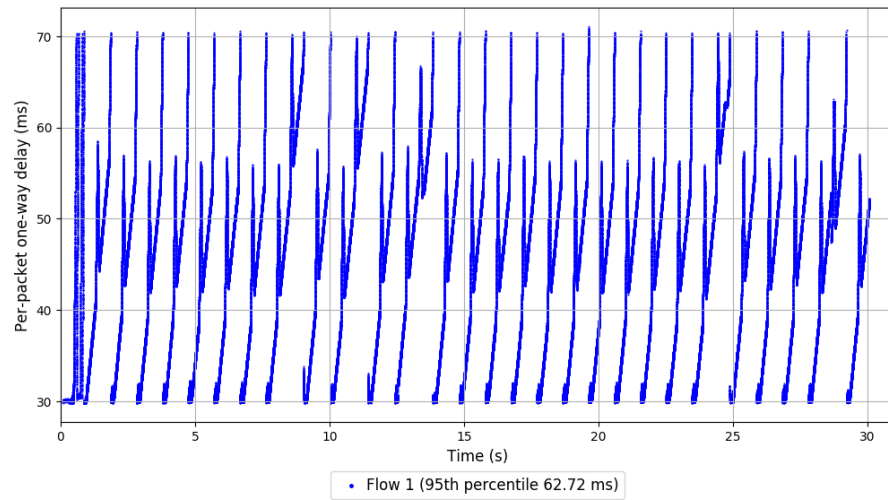
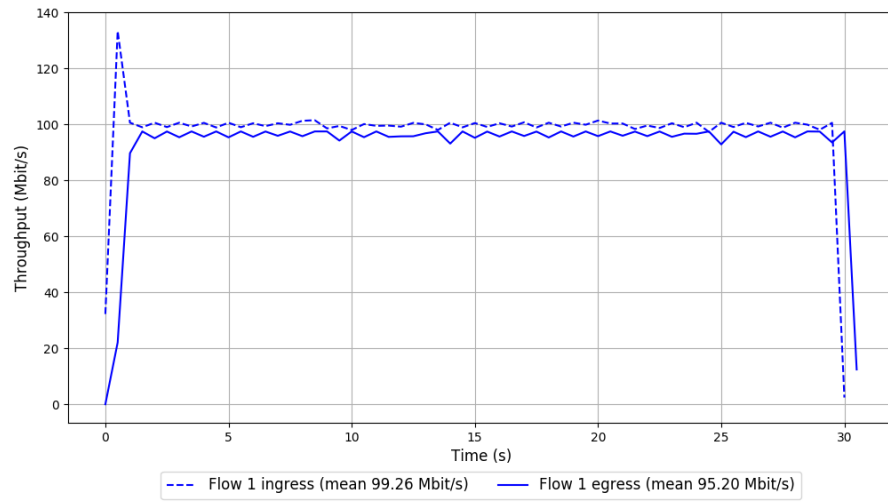
-- Flow 1:

Average throughput: 95.20 Mbit/s

95th percentile per-packet one-way delay: 62.722 ms

Loss rate: 4.01%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-05-24 05:02:05

End at: 2018-05-24 05:02:35

Local clock offset: 1.336 ms

Remote clock offset: 3.639 ms

Below is generated by plot.py at 2018-05-24 06:59:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.28 Mbit/s

95th percentile per-packet one-way delay: 64.899 ms

Loss rate: 4.06%

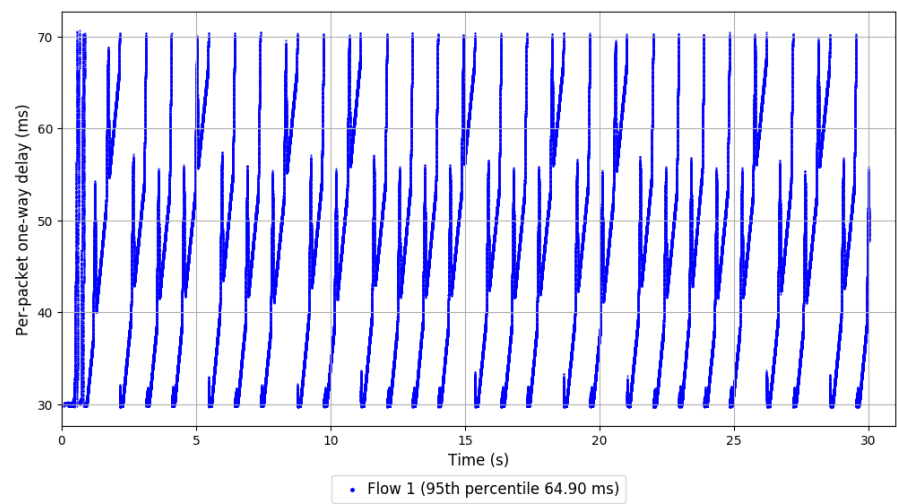
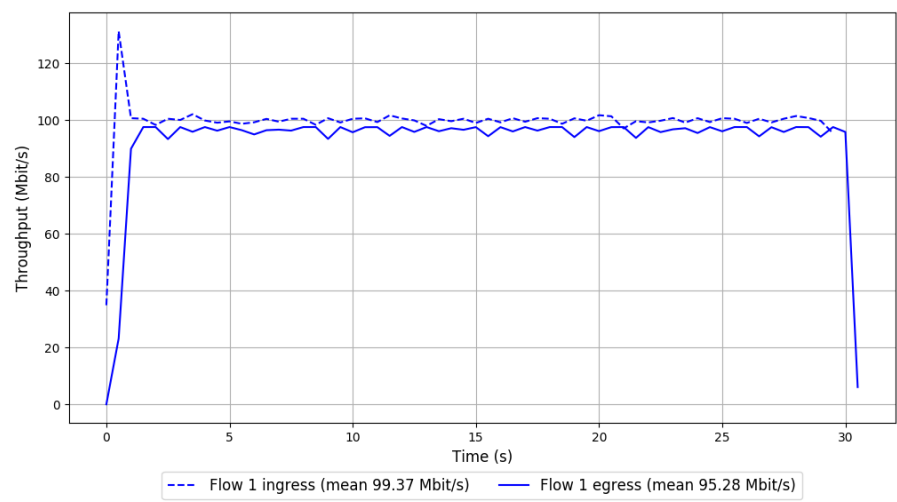
-- Flow 1:

Average throughput: 95.28 Mbit/s

95th percentile per-packet one-way delay: 64.899 ms

Loss rate: 4.06%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-05-24 05:23:06

End at: 2018-05-24 05:23:36

Local clock offset: 1.937 ms

Remote clock offset: 5.725 ms

Below is generated by plot.py at 2018-05-24 06:59:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.98 Mbit/s

95th percentile per-packet one-way delay: 66.224 ms

Loss rate: 4.19%

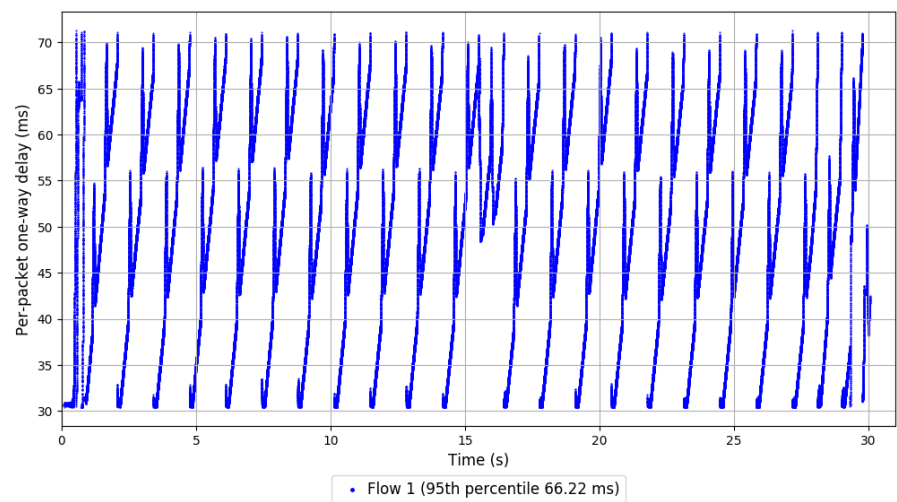
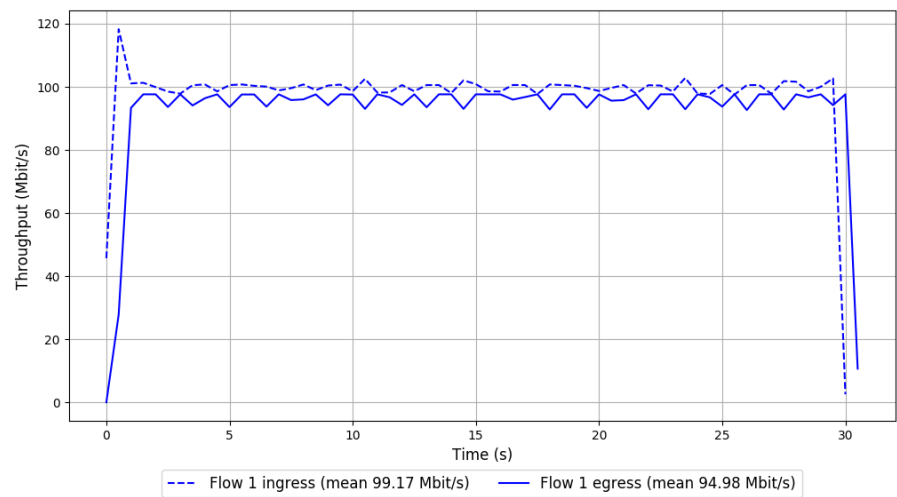
-- Flow 1:

Average throughput: 94.98 Mbit/s

95th percentile per-packet one-way delay: 66.224 ms

Loss rate: 4.19%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-05-24 05:44:02

End at: 2018-05-24 05:44:32

Local clock offset: 1.021 ms

Remote clock offset: 7.213 ms

Below is generated by plot.py at 2018-05-24 06:59:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.17 Mbit/s

95th percentile per-packet one-way delay: 65.721 ms

Loss rate: 4.09%

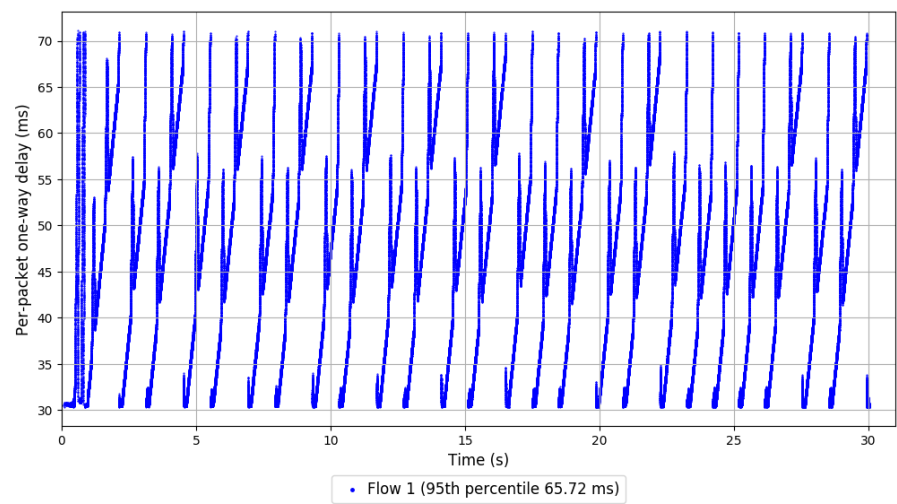
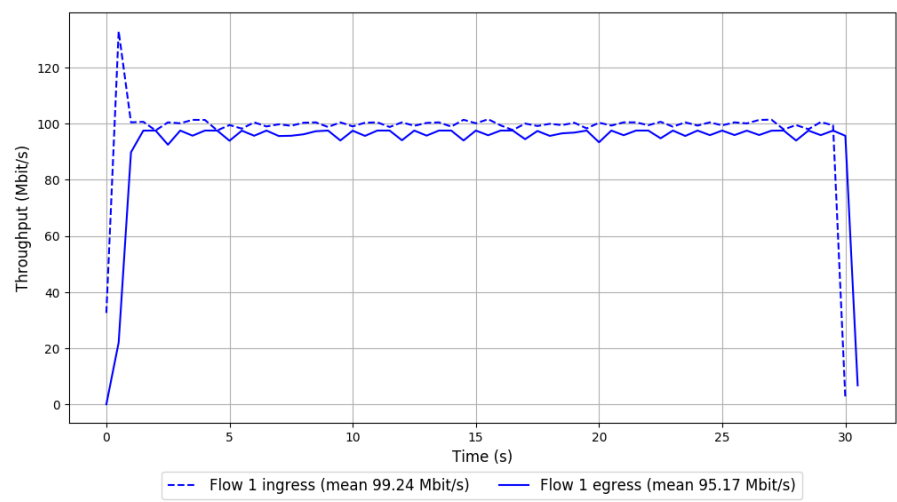
-- Flow 1:

Average throughput: 95.17 Mbit/s

95th percentile per-packet one-way delay: 65.721 ms

Loss rate: 4.09%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-05-24 06:04:42

End at: 2018-05-24 06:05:12

Local clock offset: 1.369 ms

Remote clock offset: 4.283 ms

Below is generated by plot.py at 2018-05-24 06:59:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.95 Mbit/s

95th percentile per-packet one-way delay: 65.938 ms

Loss rate: 4.13%

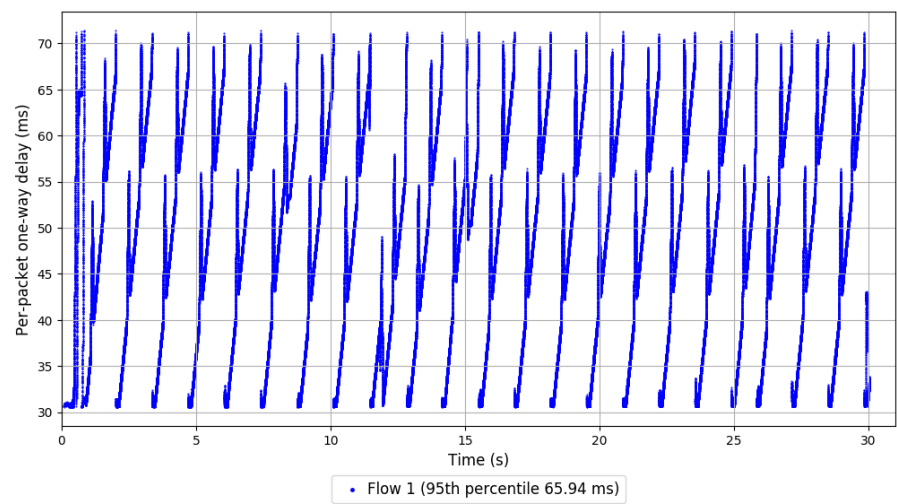
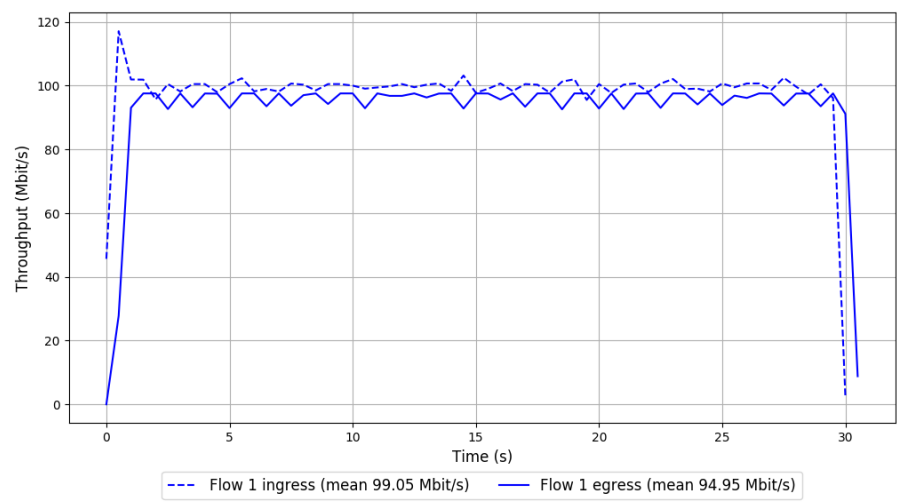
-- Flow 1:

Average throughput: 94.95 Mbit/s

95th percentile per-packet one-way delay: 65.938 ms

Loss rate: 4.13%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-05-24 06:25:26

End at: 2018-05-24 06:25:56

Local clock offset: 1.787 ms

Remote clock offset: 2.749 ms

Below is generated by plot.py at 2018-05-24 07:00:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.29 Mbit/s

95th percentile per-packet one-way delay: 64.518 ms

Loss rate: 3.98%

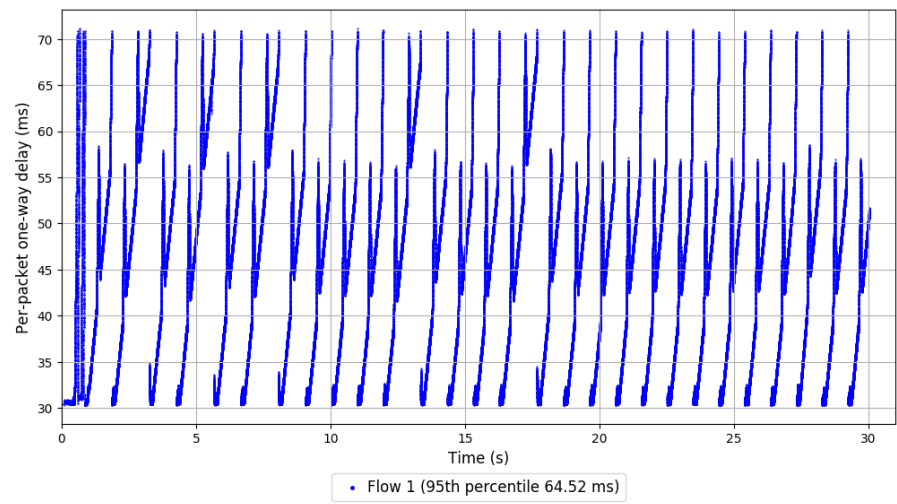
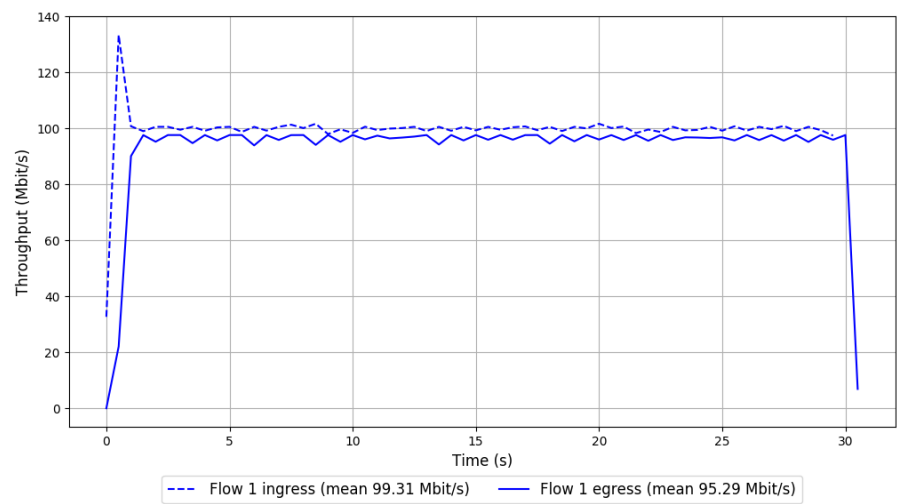
-- Flow 1:

Average throughput: 95.29 Mbit/s

95th percentile per-packet one-way delay: 64.518 ms

Loss rate: 3.98%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-05-24 06:46:15

End at: 2018-05-24 06:46:45

Local clock offset: 0.545 ms

Remote clock offset: 0.688 ms

Below is generated by plot.py at 2018-05-24 07:00:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.30 Mbit/s

95th percentile per-packet one-way delay: 62.387 ms

Loss rate: 4.01%

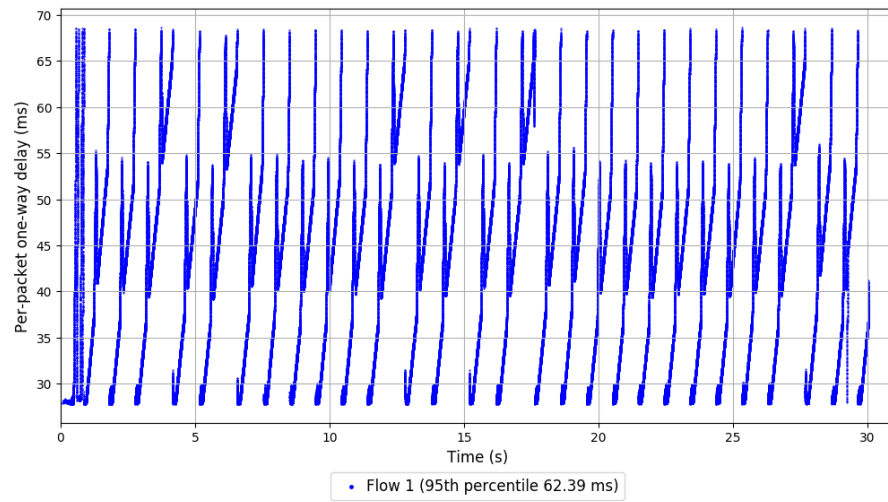
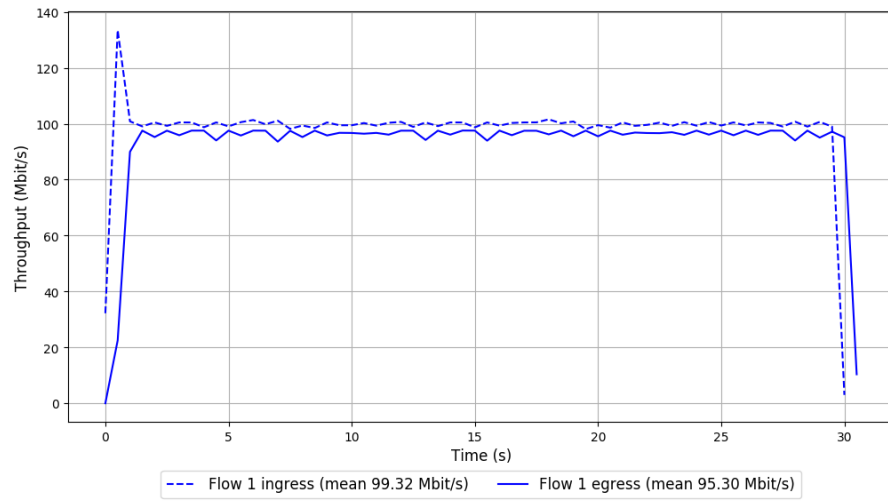
-- Flow 1:

Average throughput: 95.30 Mbit/s

95th percentile per-packet one-way delay: 62.387 ms

Loss rate: 4.01%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2018-05-24 03:46:44

End at: 2018-05-24 03:47:14

Local clock offset: 0.802 ms

Remote clock offset: -0.32 ms

Below is generated by plot.py at 2018-05-24 07:01:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.08 Mbit/s

95th percentile per-packet one-way delay: 43.291 ms

Loss rate: 0.39%

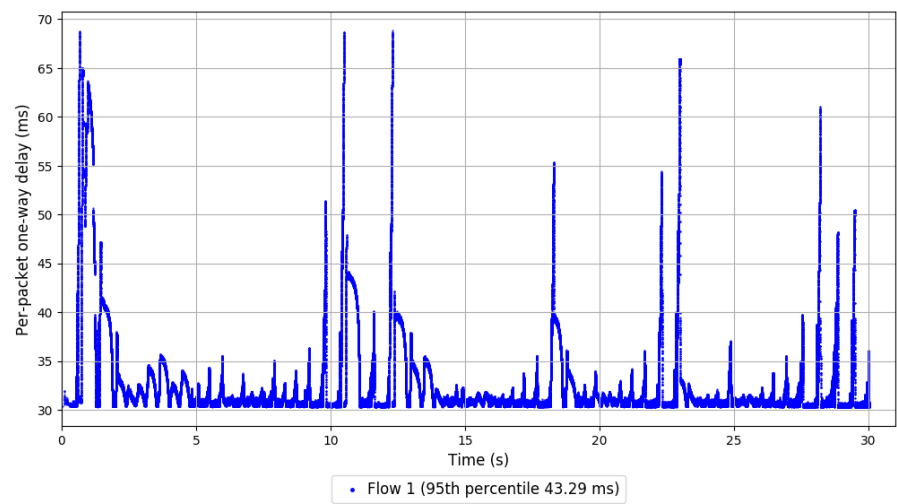
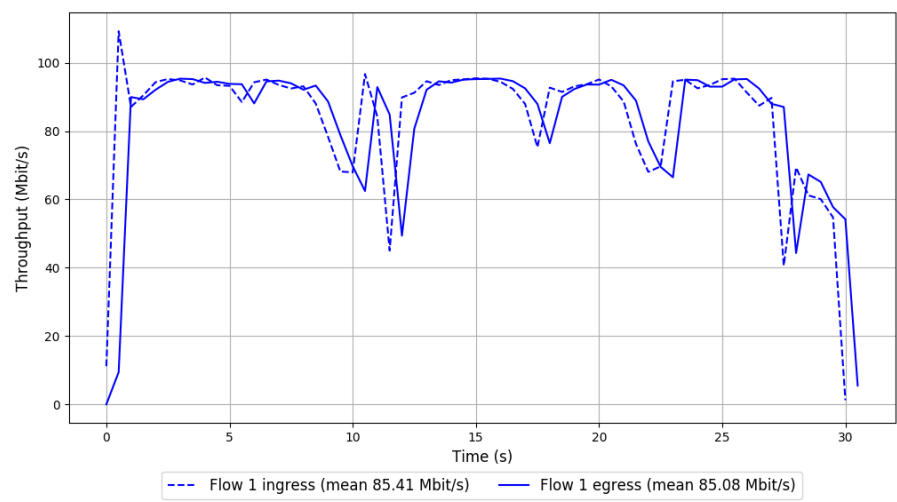
-- Flow 1:

Average throughput: 85.08 Mbit/s

95th percentile per-packet one-way delay: 43.291 ms

Loss rate: 0.39%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-05-24 04:07:31

End at: 2018-05-24 04:08:01

Local clock offset: 0.842 ms

Remote clock offset: 0.483 ms

Below is generated by plot.py at 2018-05-24 07:01:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.78 Mbit/s

95th percentile per-packet one-way delay: 48.428 ms

Loss rate: 1.00%

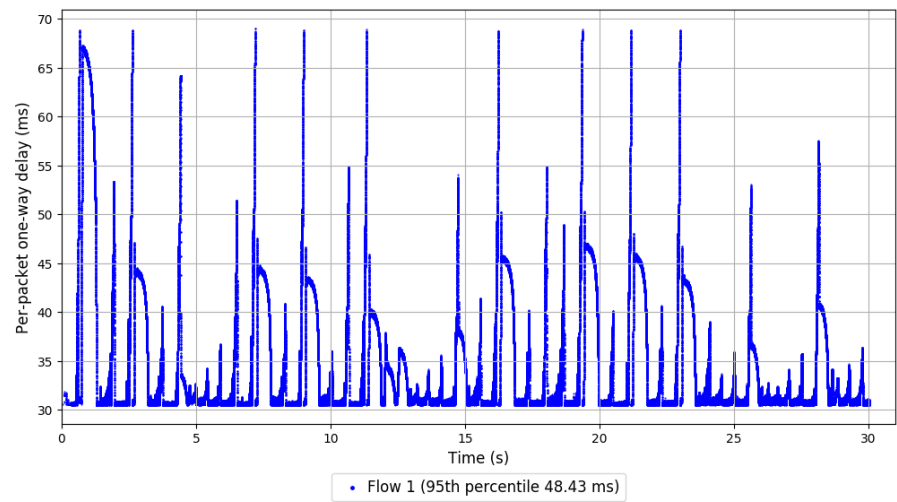
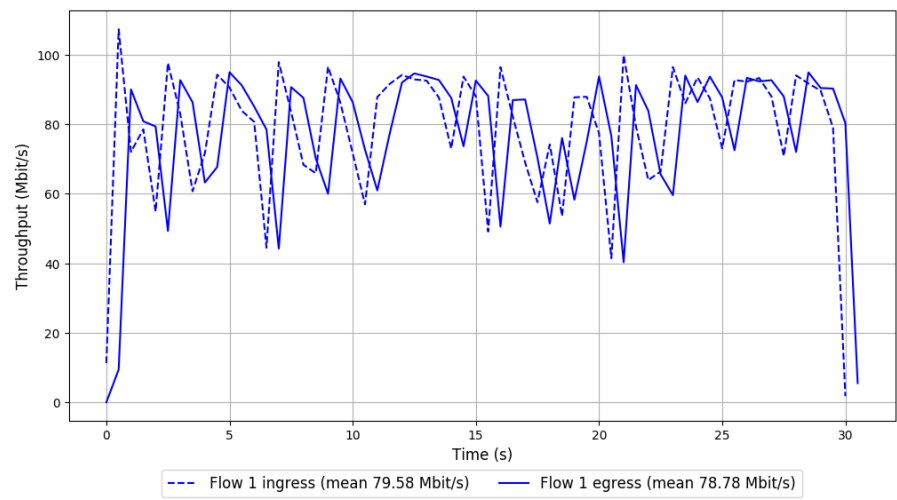
-- Flow 1:

Average throughput: 78.78 Mbit/s

95th percentile per-packet one-way delay: 48.428 ms

Loss rate: 1.00%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-05-24 04:28:21

End at: 2018-05-24 04:28:51

Local clock offset: 0.979 ms

Remote clock offset: -1.25 ms

Below is generated by plot.py at 2018-05-24 07:01:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.35 Mbit/s

95th percentile per-packet one-way delay: 49.997 ms

Loss rate: 1.26%

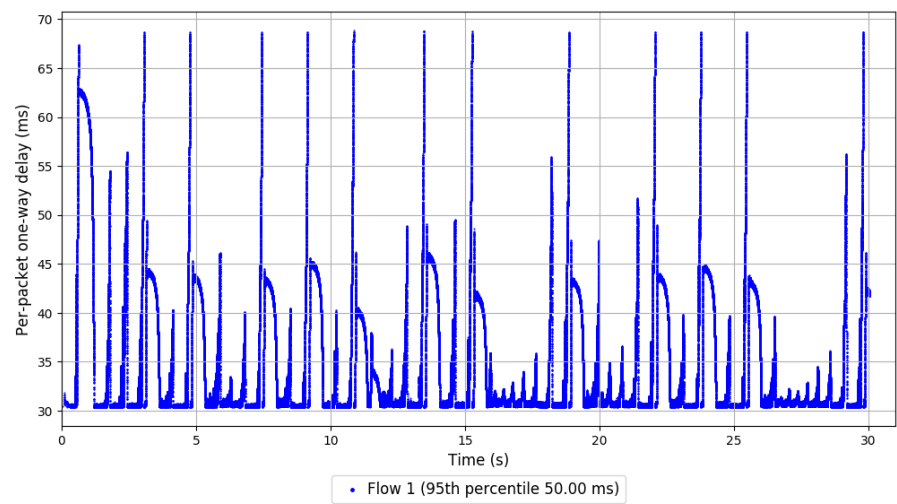
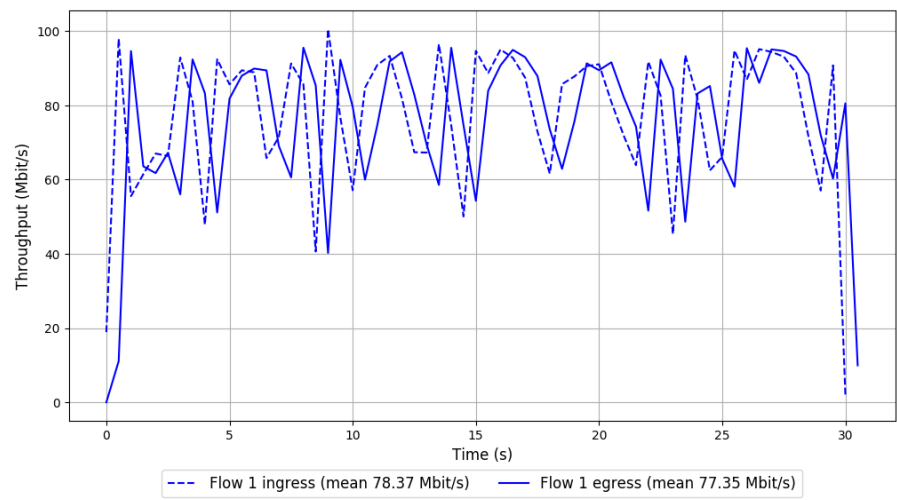
-- Flow 1:

Average throughput: 77.35 Mbit/s

95th percentile per-packet one-way delay: 49.997 ms

Loss rate: 1.26%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-05-24 04:49:10

End at: 2018-05-24 04:49:40

Local clock offset: 0.851 ms

Remote clock offset: 0.32 ms

Below is generated by plot.py at 2018-05-24 07:01:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.34 Mbit/s

95th percentile per-packet one-way delay: 44.836 ms

Loss rate: 0.58%

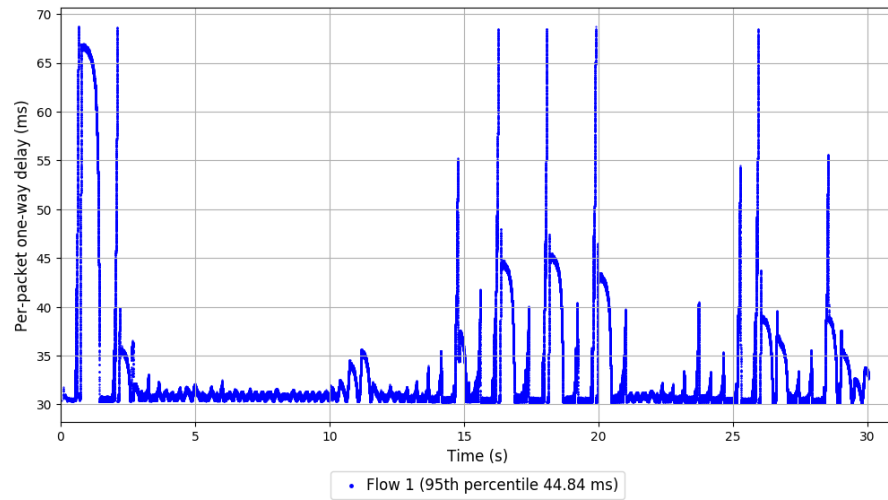
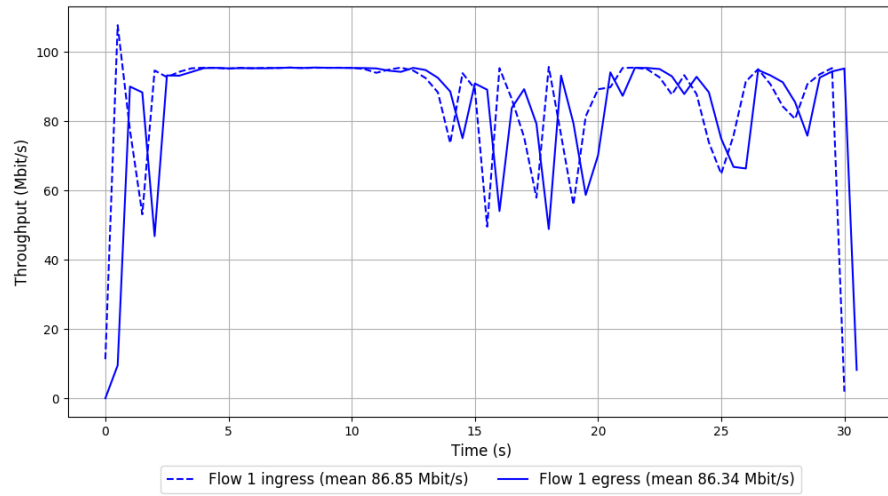
-- Flow 1:

Average throughput: 86.34 Mbit/s

95th percentile per-packet one-way delay: 44.836 ms

Loss rate: 0.58%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-05-24 05:09:53

End at: 2018-05-24 05:10:23

Local clock offset: 1.656 ms

Remote clock offset: 4.595 ms

Below is generated by plot.py at 2018-05-24 07:01:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.26 Mbit/s

95th percentile per-packet one-way delay: 46.250 ms

Loss rate: 0.76%

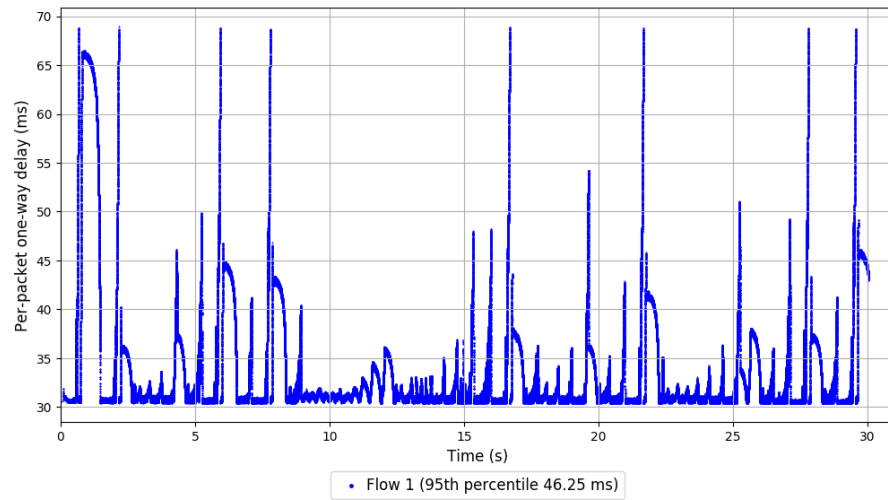
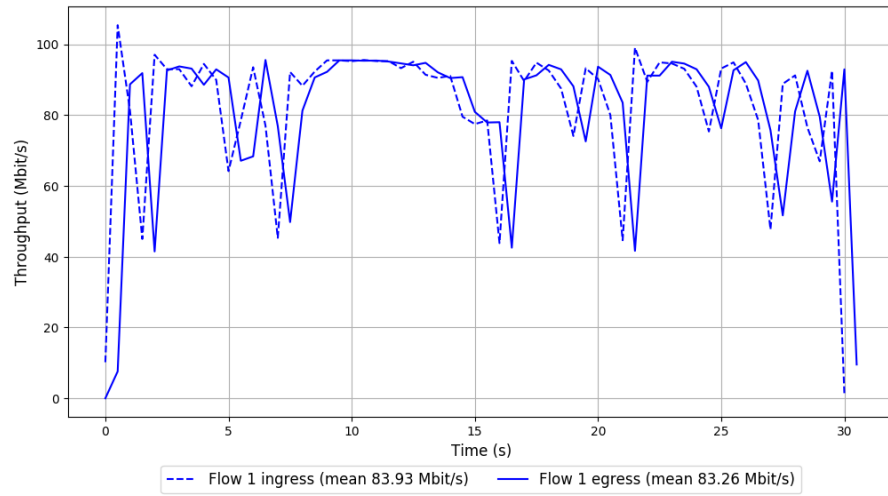
-- Flow 1:

Average throughput: 83.26 Mbit/s

95th percentile per-packet one-way delay: 46.250 ms

Loss rate: 0.76%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-05-24 05:30:57

End at: 2018-05-24 05:31:27

Local clock offset: 1.52 ms

Remote clock offset: 6.658 ms

Below is generated by plot.py at 2018-05-24 07:01:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.38 Mbit/s

95th percentile per-packet one-way delay: 45.973 ms

Loss rate: 0.77%

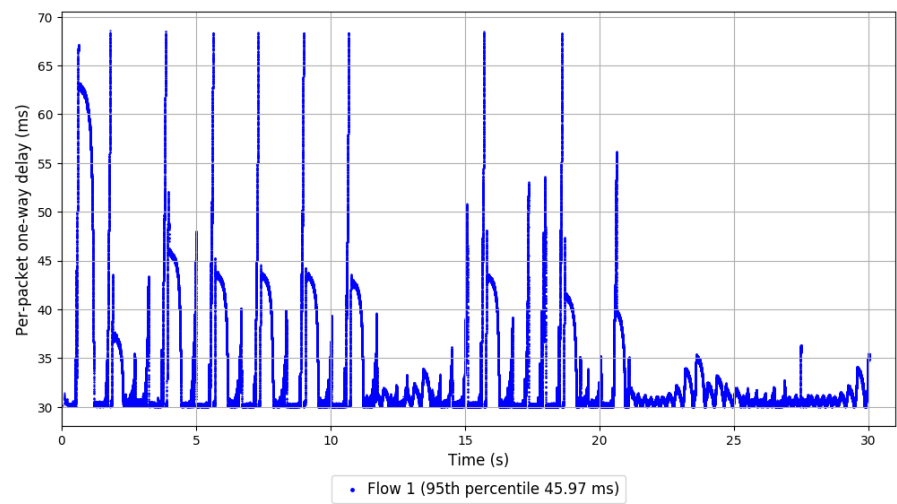
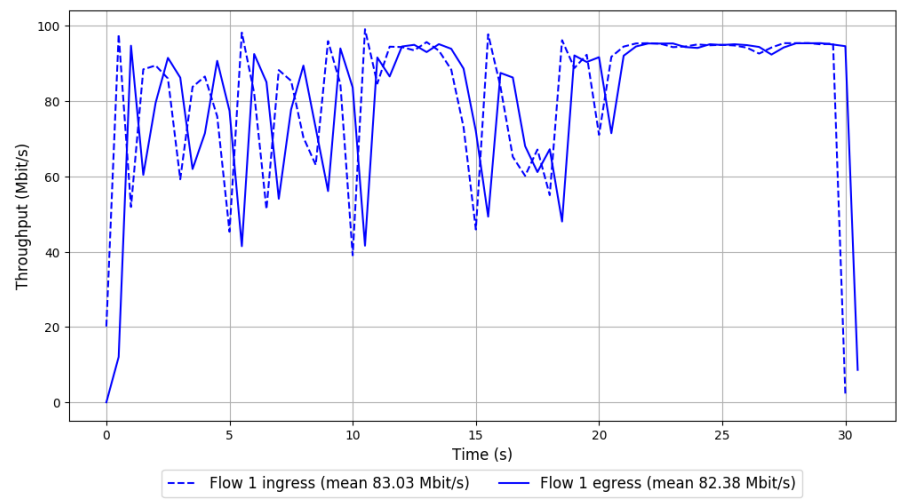
-- Flow 1:

Average throughput: 82.38 Mbit/s

95th percentile per-packet one-way delay: 45.973 ms

Loss rate: 0.77%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-05-24 05:51:50

End at: 2018-05-24 05:52:20

Local clock offset: 0.874 ms

Remote clock offset: 7.846 ms

Below is generated by plot.py at 2018-05-24 07:02:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.29 Mbit/s

95th percentile per-packet one-way delay: 45.534 ms

Loss rate: 0.73%

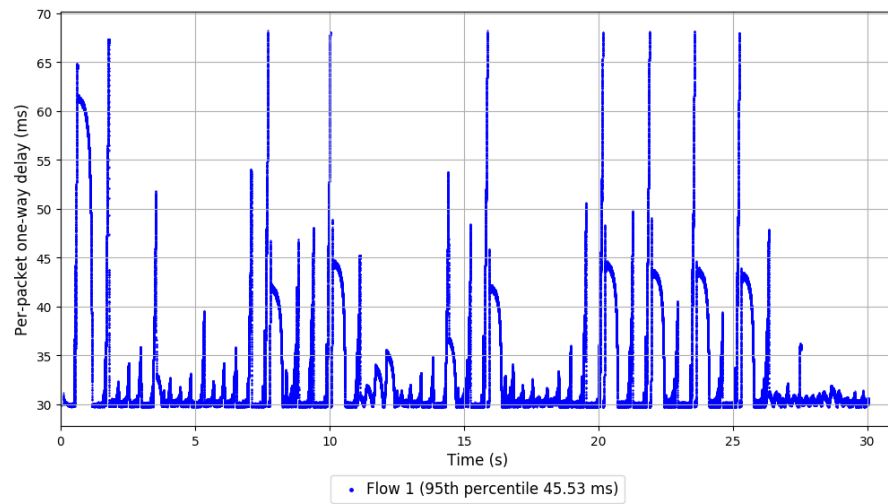
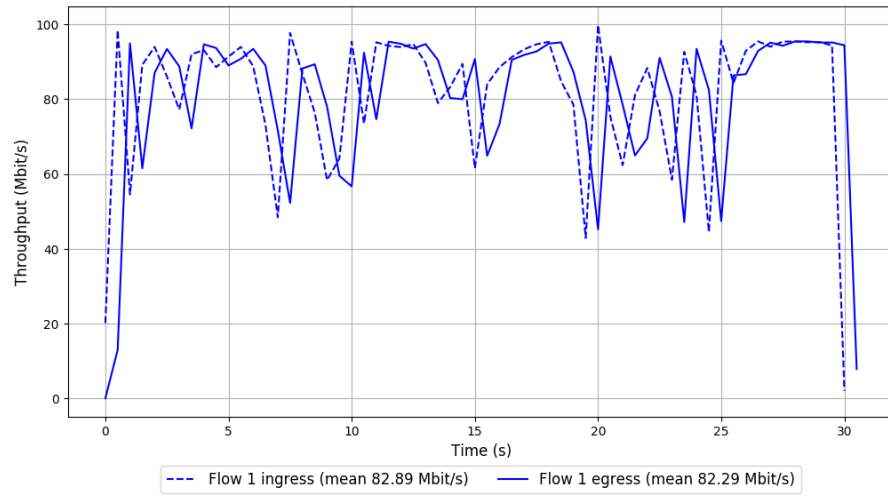
-- Flow 1:

Average throughput: 82.29 Mbit/s

95th percentile per-packet one-way delay: 45.534 ms

Loss rate: 0.73%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-05-24 06:12:30

End at: 2018-05-24 06:13:00

Local clock offset: 1.561 ms

Remote clock offset: 3.43 ms

Below is generated by plot.py at 2018-05-24 07:02:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.13 Mbit/s

95th percentile per-packet one-way delay: 49.218 ms

Loss rate: 1.14%

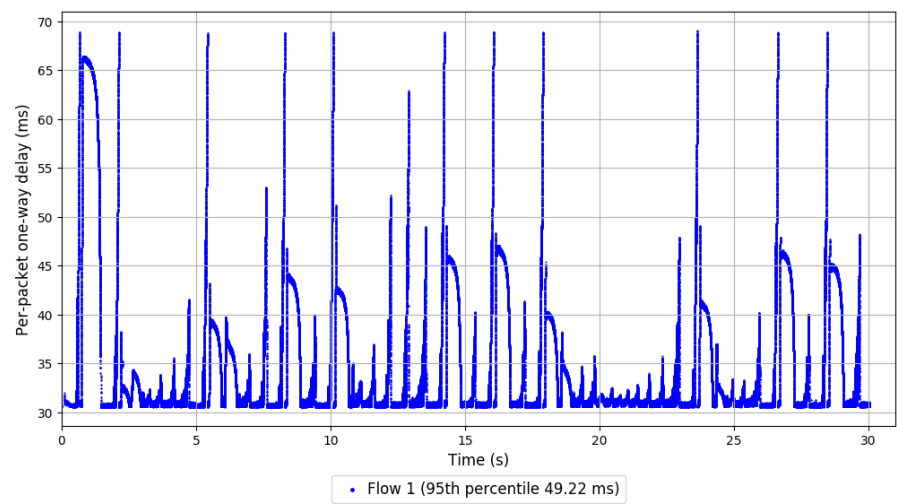
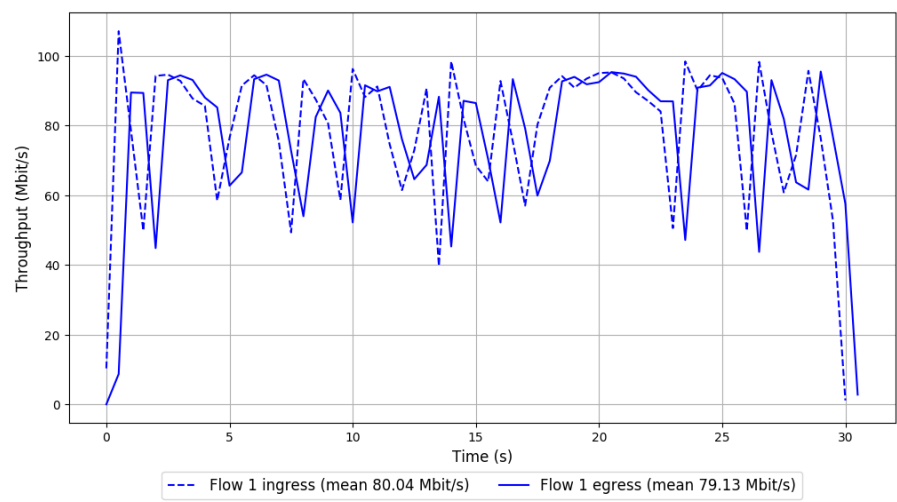
-- Flow 1:

Average throughput: 79.13 Mbit/s

95th percentile per-packet one-way delay: 49.218 ms

Loss rate: 1.14%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-05-24 06:33:17

End at: 2018-05-24 06:33:47

Local clock offset: 1.021 ms

Remote clock offset: 2.782 ms

Below is generated by plot.py at 2018-05-24 07:03:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.72 Mbit/s

95th percentile per-packet one-way delay: 41.769 ms

Loss rate: 0.36%

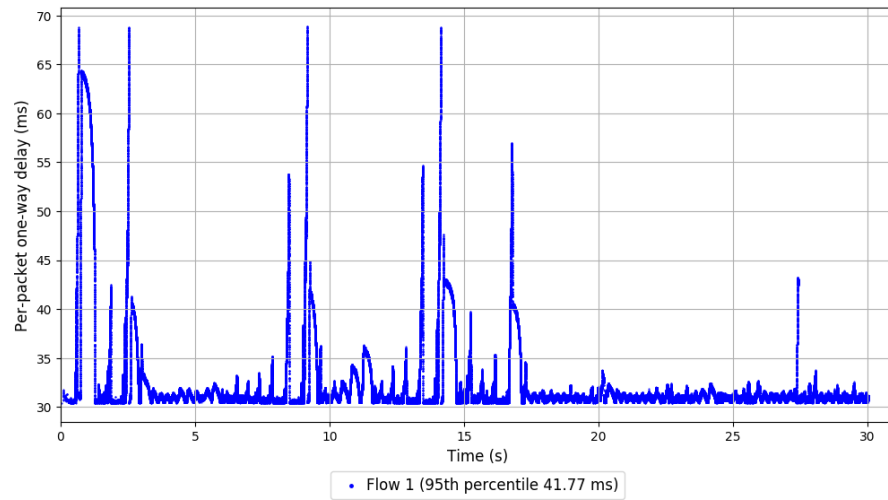
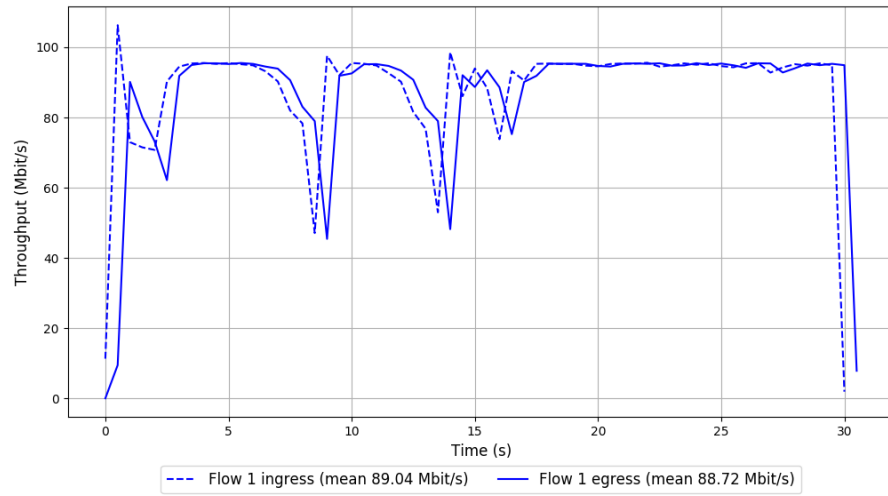
-- Flow 1:

Average throughput: 88.72 Mbit/s

95th percentile per-packet one-way delay: 41.769 ms

Loss rate: 0.36%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-05-24 06:54:03

End at: 2018-05-24 06:54:33

Local clock offset: 0.545 ms

Remote clock offset: 3.115 ms

Below is generated by plot.py at 2018-05-24 07:03:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.95 Mbit/s

95th percentile per-packet one-way delay: 44.958 ms

Loss rate: 0.55%

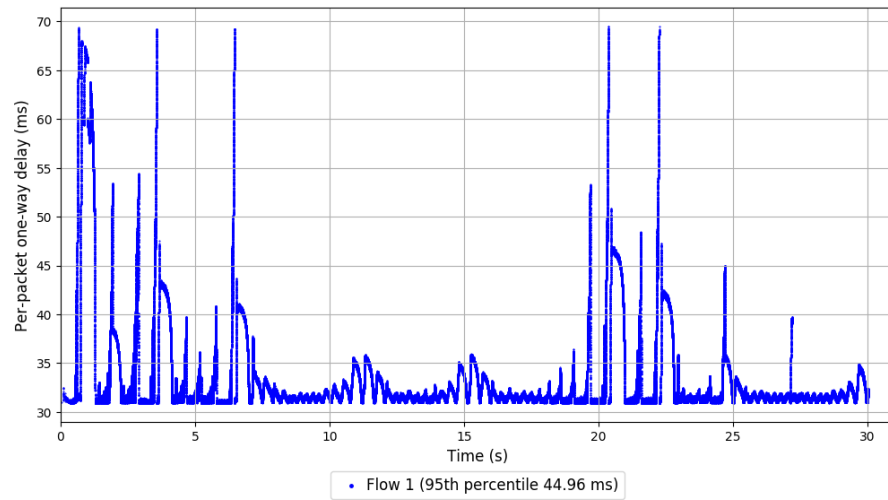
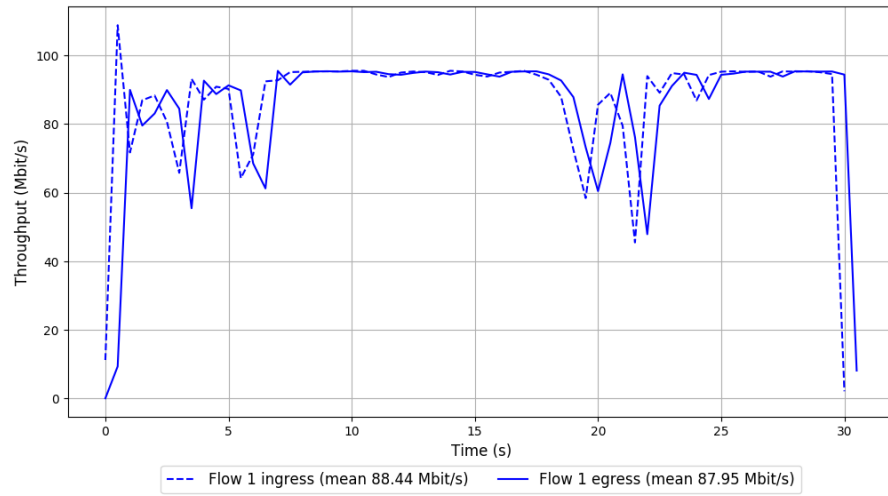
-- Flow 1:

Average throughput: 87.95 Mbit/s

95th percentile per-packet one-way delay: 44.958 ms

Loss rate: 0.55%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-05-24 03:45:24

End at: 2018-05-24 03:45:54

Local clock offset: 0.824 ms

Remote clock offset: -2.591 ms

Below is generated by plot.py at 2018-05-24 07:03:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.40 Mbit/s

95th percentile per-packet one-way delay: 64.156 ms

Loss rate: 0.34%

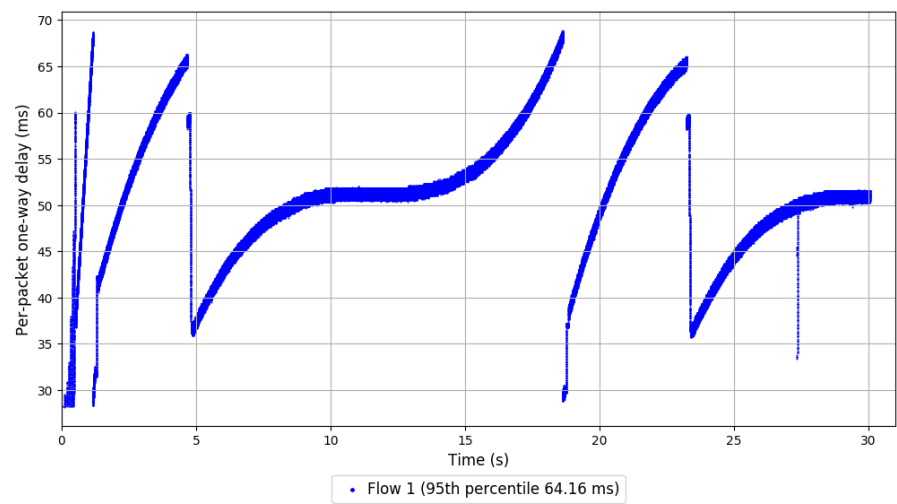
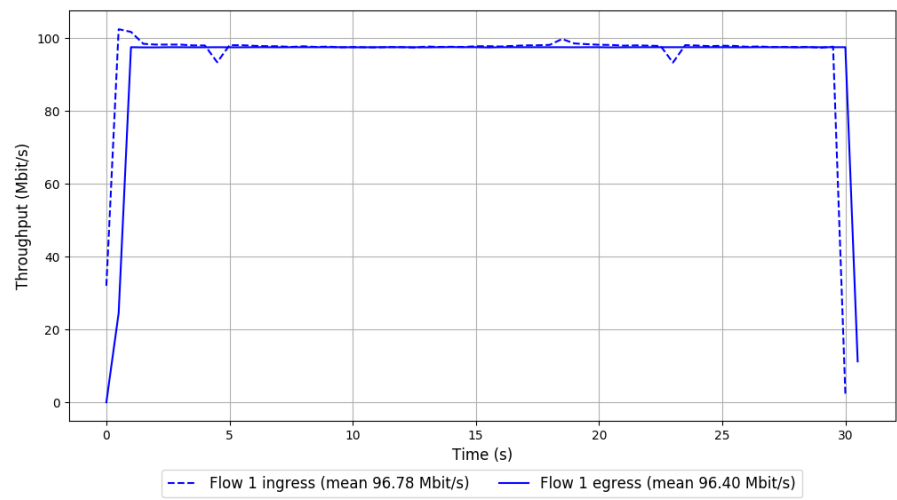
-- Flow 1:

Average throughput: 96.40 Mbit/s

95th percentile per-packet one-way delay: 64.156 ms

Loss rate: 0.34%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-05-24 04:06:12

End at: 2018-05-24 04:06:42

Local clock offset: 0.841 ms

Remote clock offset: 0.429 ms

Below is generated by plot.py at 2018-05-24 07:03:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.40 Mbit/s

95th percentile per-packet one-way delay: 66.637 ms

Loss rate: 0.43%

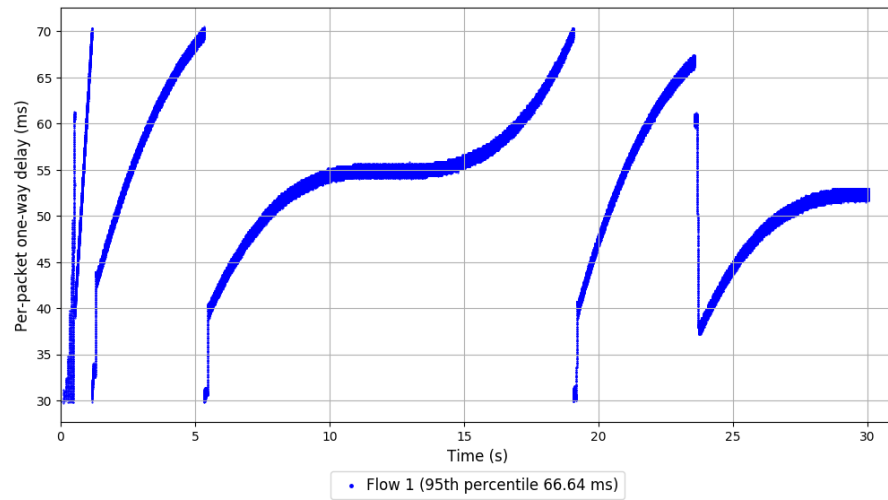
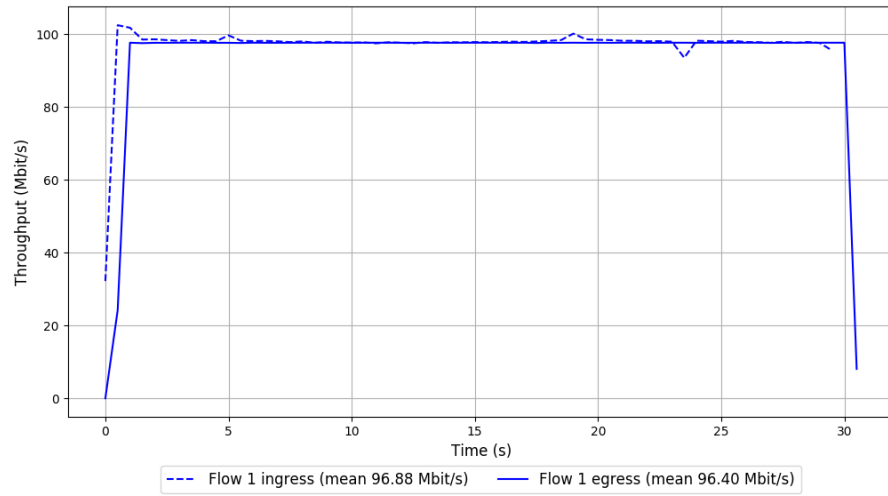
-- Flow 1:

Average throughput: 96.40 Mbit/s

95th percentile per-packet one-way delay: 66.637 ms

Loss rate: 0.43%

Run 2: Report of TCP Cubic — Data Link

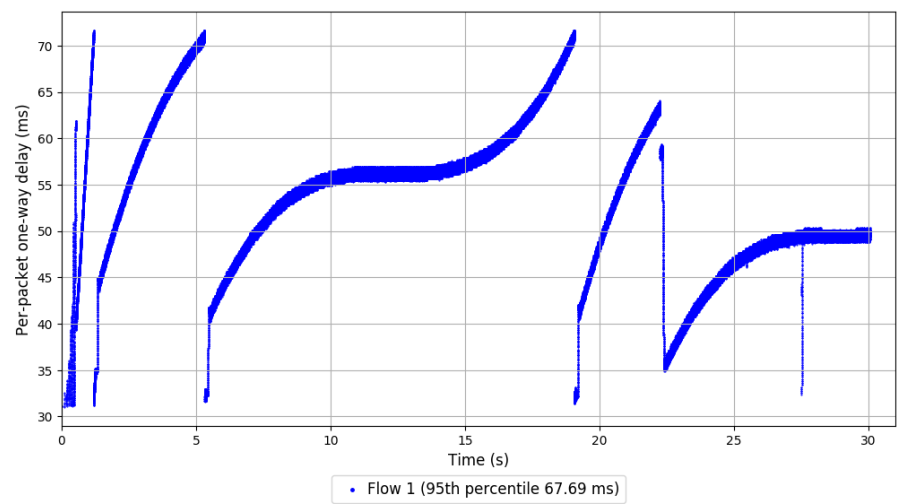
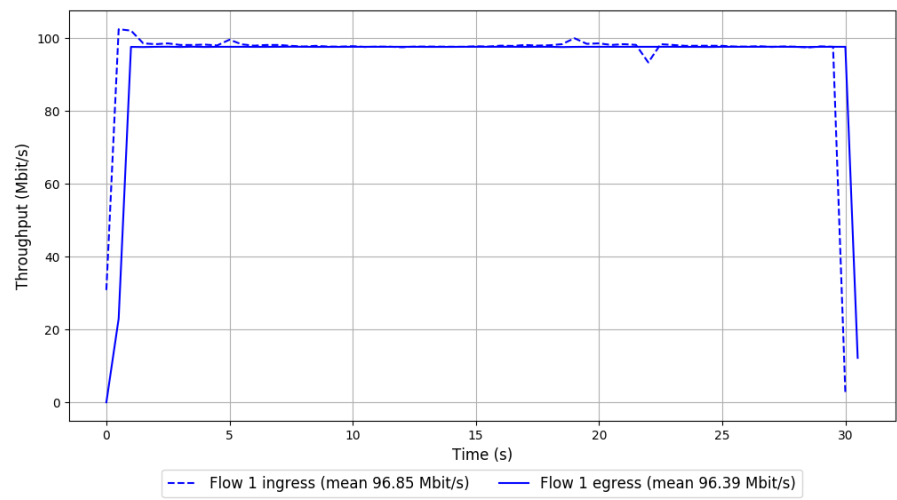


Run 3: Statistics of TCP Cubic

Start at: 2018-05-24 04:27:02
End at: 2018-05-24 04:27:32
Local clock offset: 0.915 ms
Remote clock offset: -0.612 ms

Below is generated by plot.py at 2018-05-24 07:03:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 67.691 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 67.691 ms
Loss rate: 0.42%

Run 3: Report of TCP Cubic — Data Link

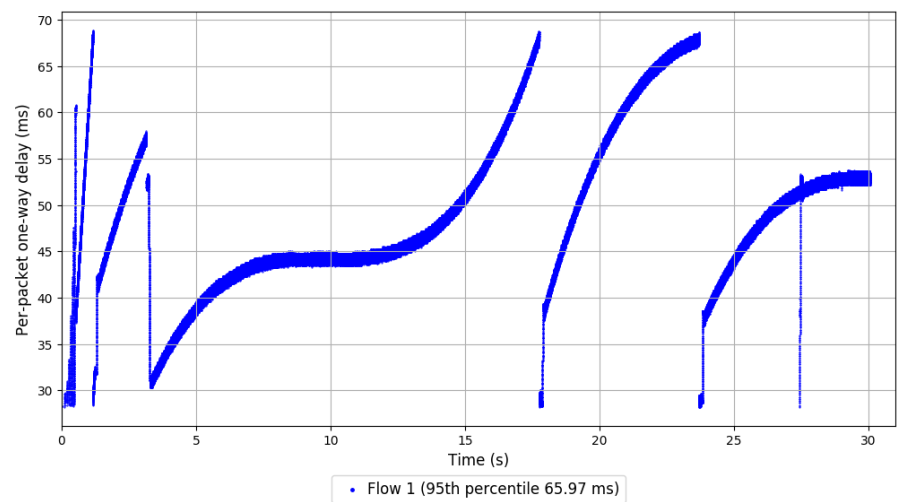
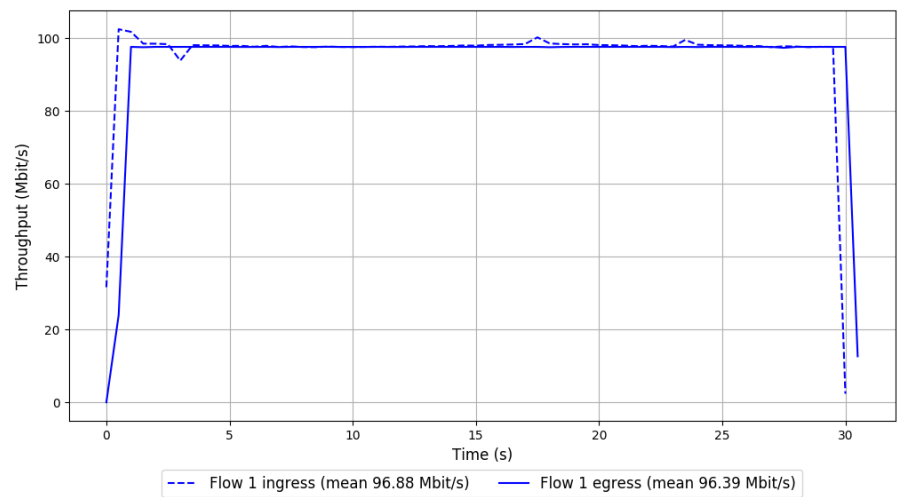


Run 4: Statistics of TCP Cubic

Start at: 2018-05-24 04:47:51
End at: 2018-05-24 04:48:21
Local clock offset: 0.79 ms
Remote clock offset: -2.438 ms

Below is generated by plot.py at 2018-05-24 07:03:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 65.965 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 96.39 Mbit/s
95th percentile per-packet one-way delay: 65.965 ms
Loss rate: 0.42%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-05-24 05:08:35

End at: 2018-05-24 05:09:05

Local clock offset: 1.513 ms

Remote clock offset: 4.81 ms

Below is generated by plot.py at 2018-05-24 07:03:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.76 Mbit/s

95th percentile per-packet one-way delay: 65.844 ms

Loss rate: 0.35%

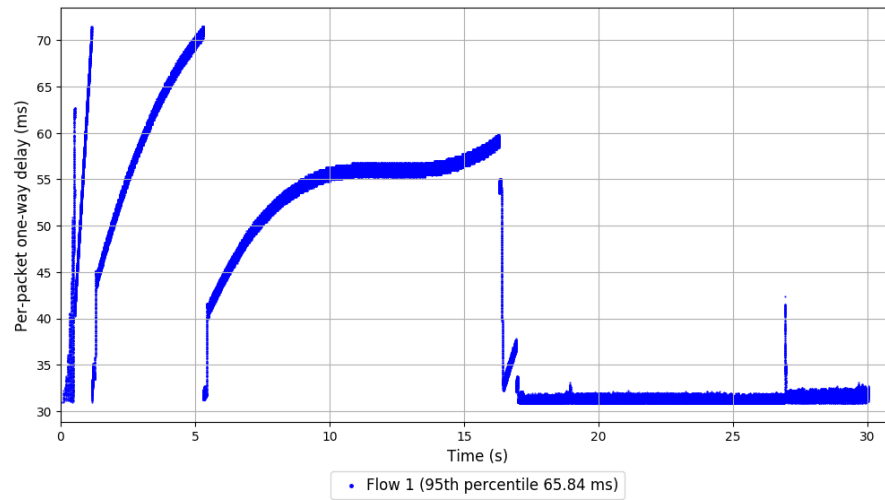
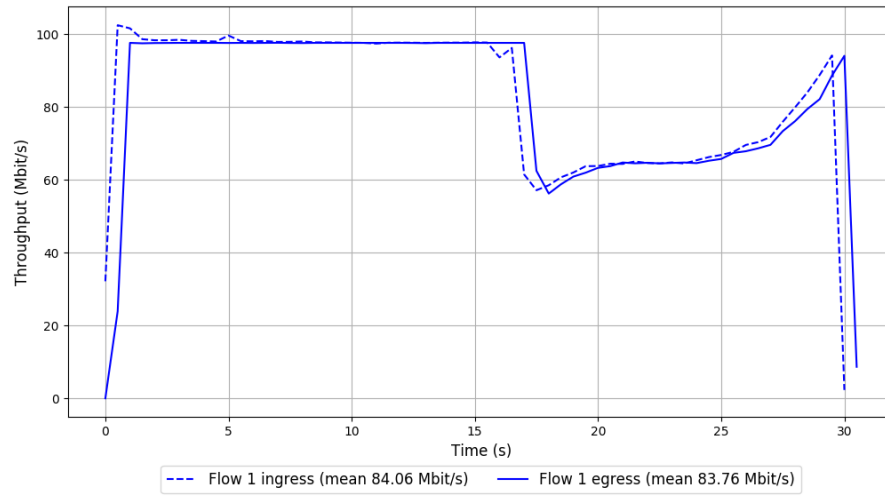
-- Flow 1:

Average throughput: 83.76 Mbit/s

95th percentile per-packet one-way delay: 65.844 ms

Loss rate: 0.35%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-05-24 05:29:38

End at: 2018-05-24 05:30:08

Local clock offset: 1.6 ms

Remote clock offset: 6.108 ms

Below is generated by plot.py at 2018-05-24 07:03:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.42 Mbit/s

95th percentile per-packet one-way delay: 64.378 ms

Loss rate: 0.30%

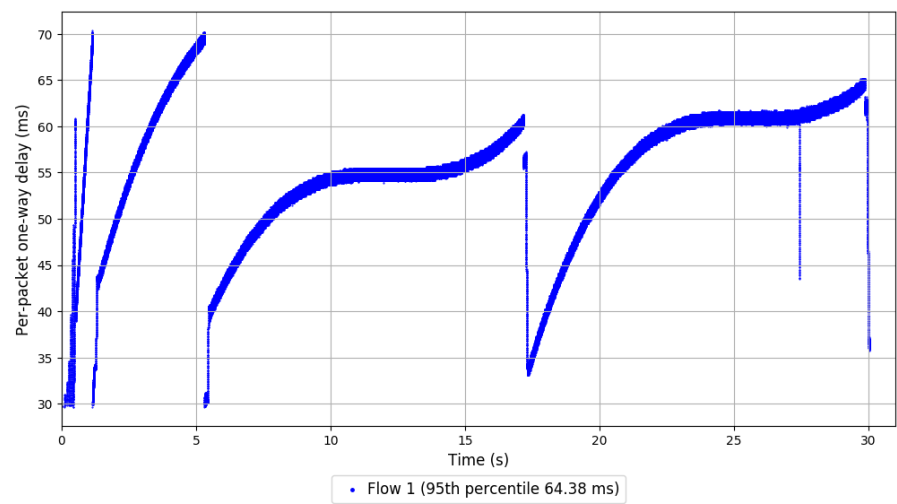
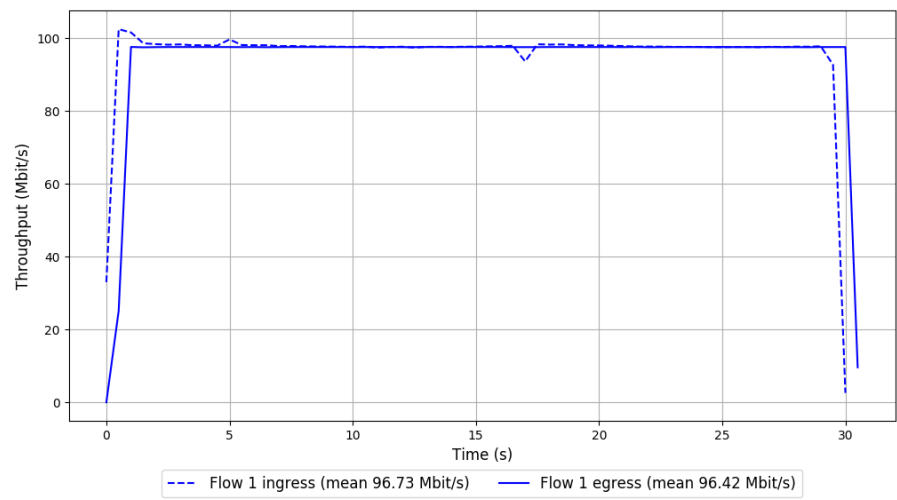
-- Flow 1:

Average throughput: 96.42 Mbit/s

95th percentile per-packet one-way delay: 64.378 ms

Loss rate: 0.30%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-05-24 05:50:31

End at: 2018-05-24 05:51:01

Local clock offset: 0.892 ms

Remote clock offset: 5.693 ms

Below is generated by plot.py at 2018-05-24 07:03:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.38 Mbit/s

95th percentile per-packet one-way delay: 65.813 ms

Loss rate: 0.33%

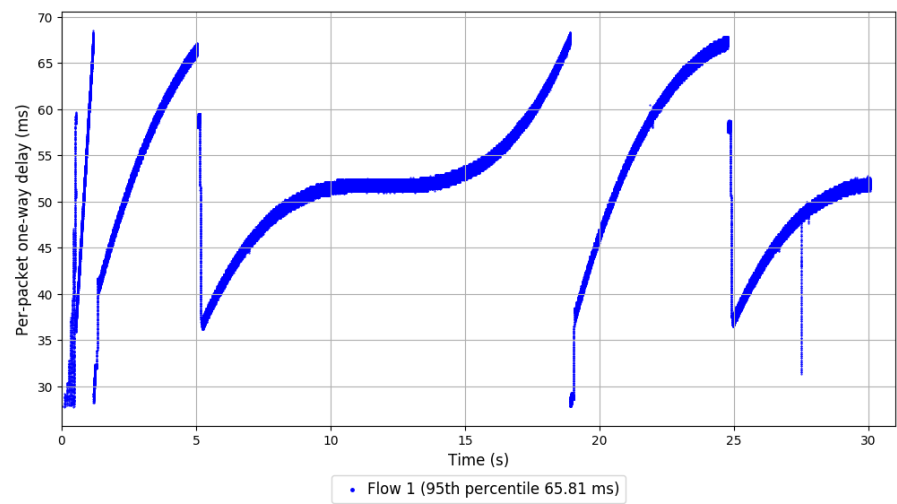
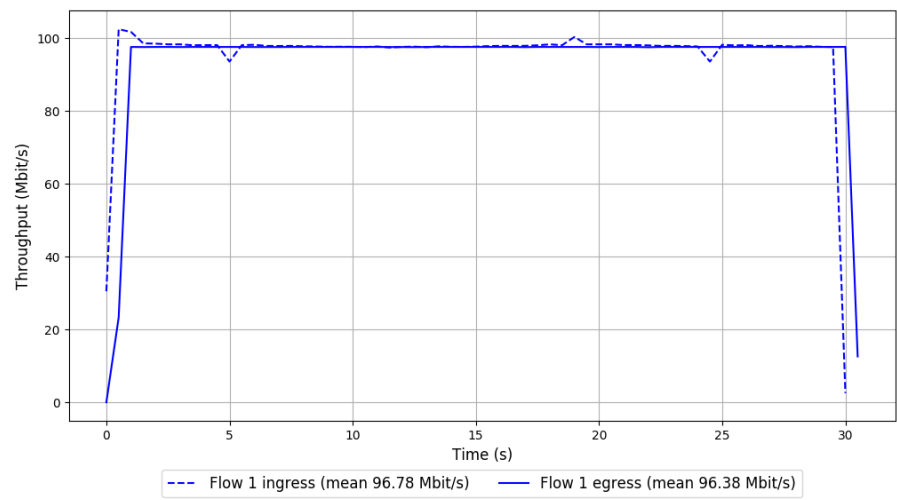
-- Flow 1:

Average throughput: 96.38 Mbit/s

95th percentile per-packet one-way delay: 65.813 ms

Loss rate: 0.33%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-05-24 06:11:11

End at: 2018-05-24 06:11:41

Local clock offset: 1.516 ms

Remote clock offset: 3.91 ms

Below is generated by plot.py at 2018-05-24 07:03:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.51 Mbit/s

95th percentile per-packet one-way delay: 64.533 ms

Loss rate: 0.30%

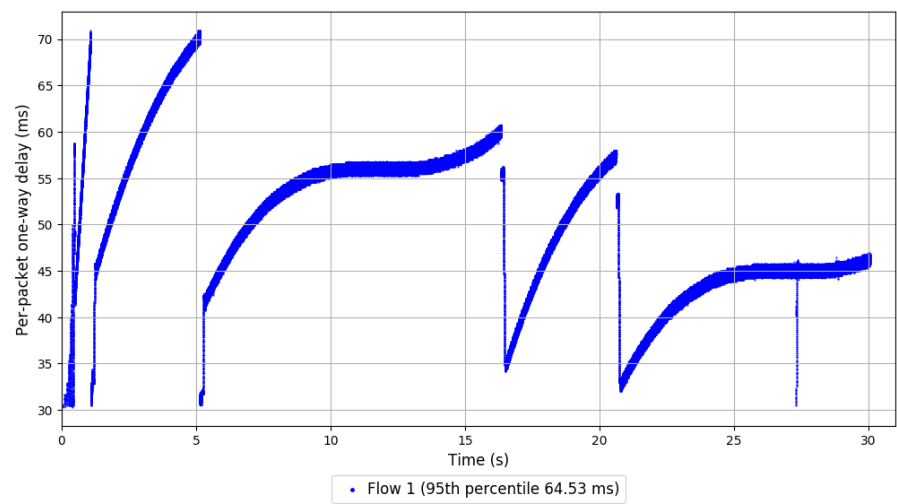
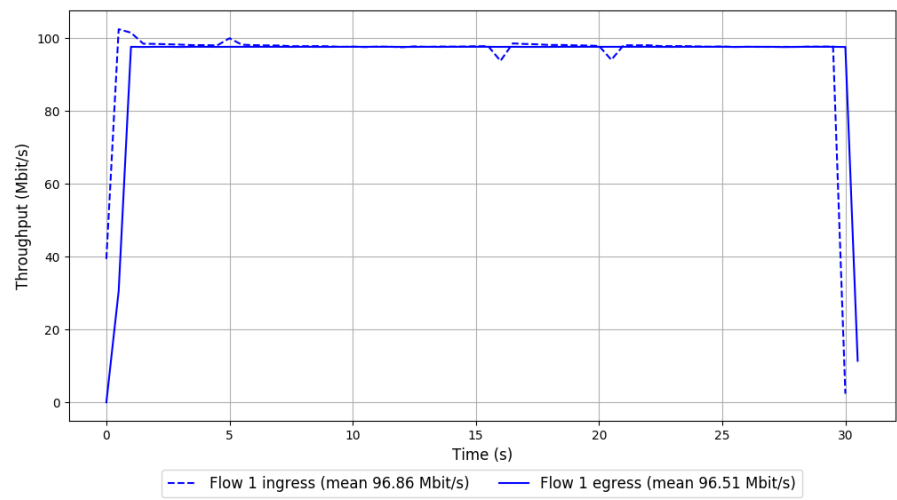
-- Flow 1:

Average throughput: 96.51 Mbit/s

95th percentile per-packet one-way delay: 64.533 ms

Loss rate: 0.30%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2018-05-24 06:31:58

End at: 2018-05-24 06:32:28

Local clock offset: 1.095 ms

Remote clock offset: 2.721 ms

Below is generated by plot.py at 2018-05-24 07:03:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.42 Mbit/s

95th percentile per-packet one-way delay: 68.158 ms

Loss rate: 0.33%

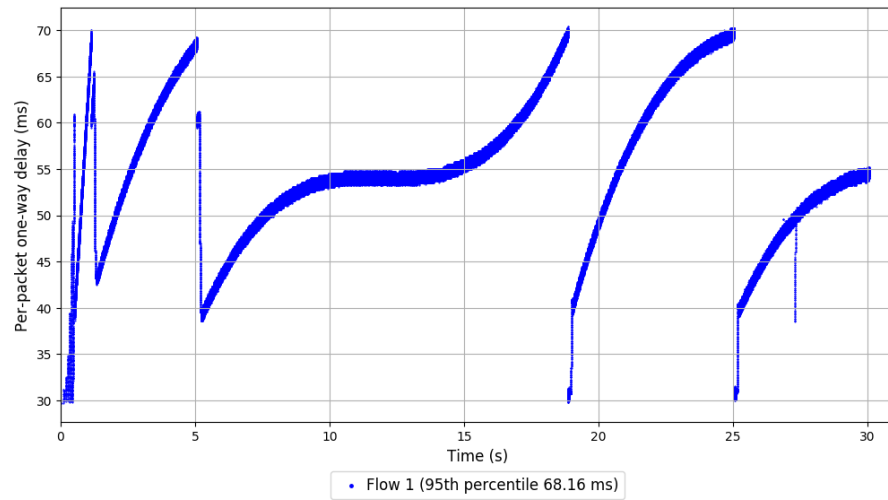
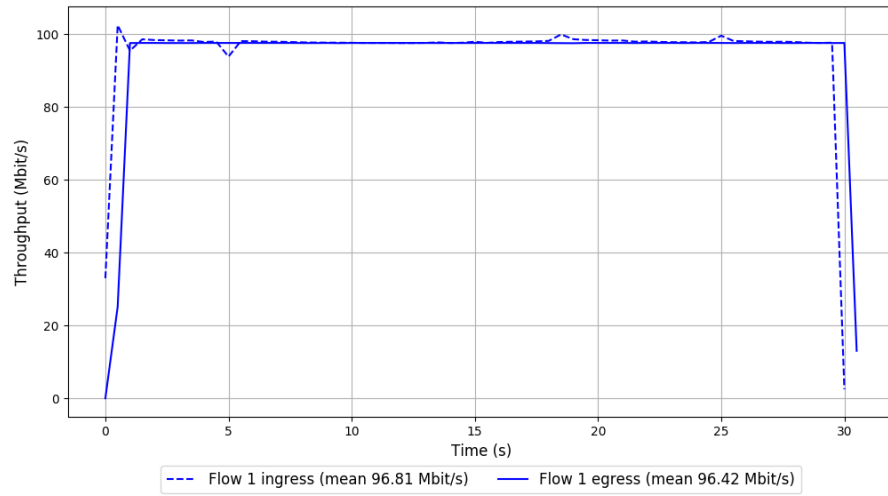
-- Flow 1:

Average throughput: 96.42 Mbit/s

95th percentile per-packet one-way delay: 68.158 ms

Loss rate: 0.33%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-05-24 06:52:44

End at: 2018-05-24 06:53:14

Local clock offset: 0.458 ms

Remote clock offset: 2.602 ms

Below is generated by plot.py at 2018-05-24 07:03:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.42 Mbit/s

95th percentile per-packet one-way delay: 61.892 ms

Loss rate: 0.22%

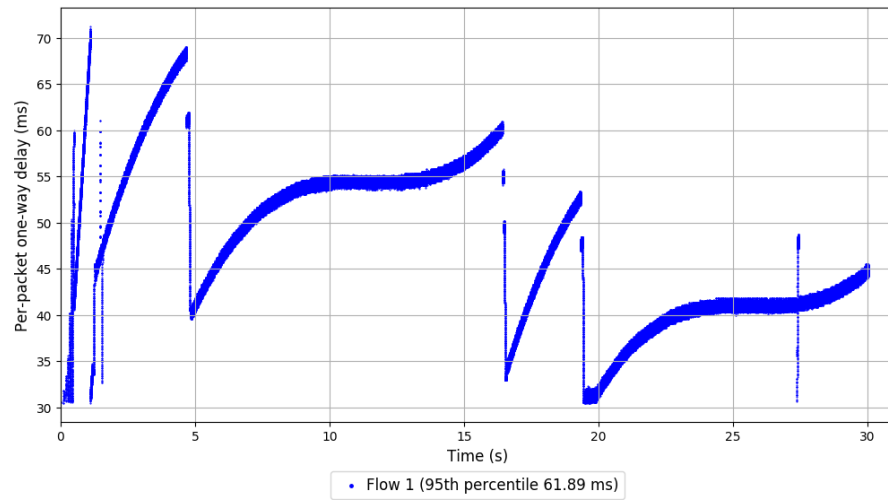
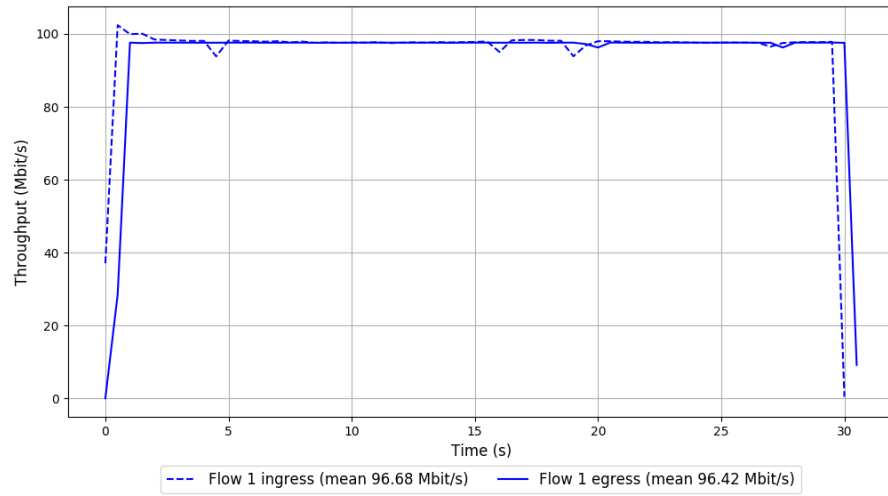
-- Flow 1:

Average throughput: 96.42 Mbit/s

95th percentile per-packet one-way delay: 61.892 ms

Loss rate: 0.22%

Run 10: Report of TCP Cubic — Data Link

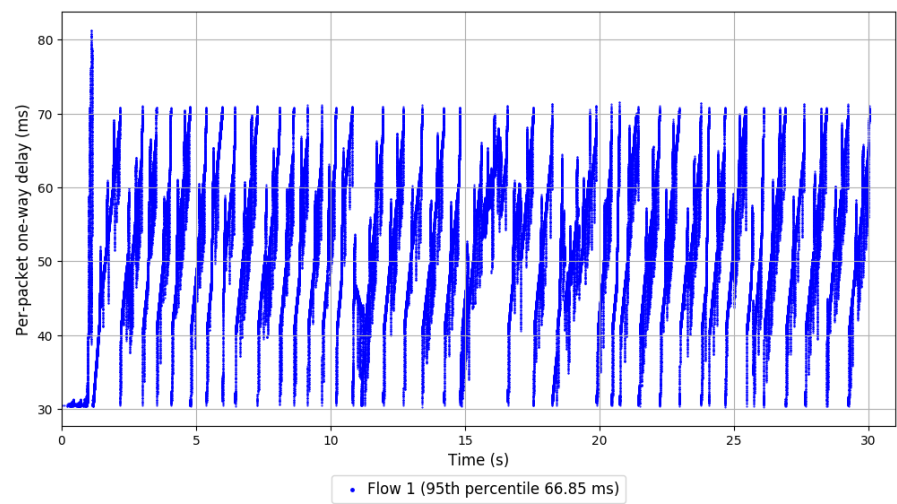
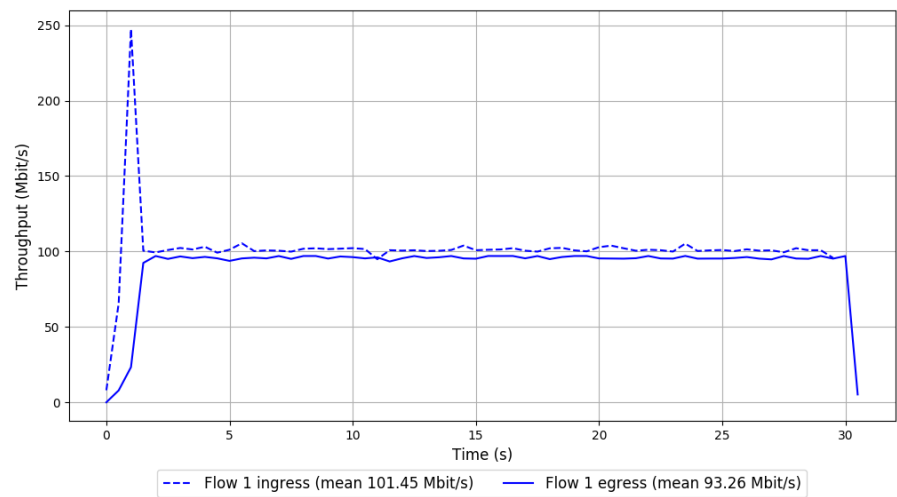


Run 1: Statistics of FillP

Start at: 2018-05-24 03:40:15
End at: 2018-05-24 03:40:45
Local clock offset: 0.74 ms
Remote clock offset: -1.262 ms

Below is generated by plot.py at 2018-05-24 07:04:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.26 Mbit/s
95th percentile per-packet one-way delay: 66.852 ms
Loss rate: 7.99%
-- Flow 1:
Average throughput: 93.26 Mbit/s
95th percentile per-packet one-way delay: 66.852 ms
Loss rate: 7.99%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-05-24 04:01:01

End at: 2018-05-24 04:01:31

Local clock offset: 0.803 ms

Remote clock offset: 0.868 ms

Below is generated by plot.py at 2018-05-24 07:04:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.55 Mbit/s

95th percentile per-packet one-way delay: 67.412 ms

Loss rate: 4.67%

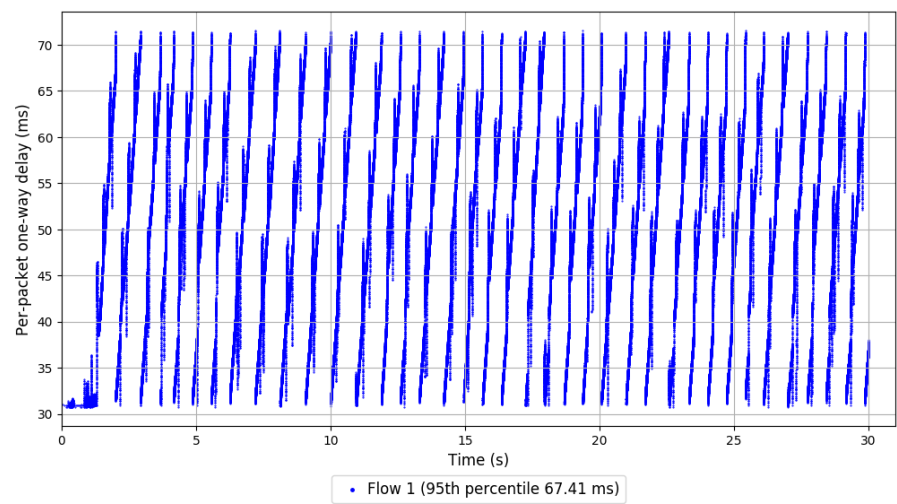
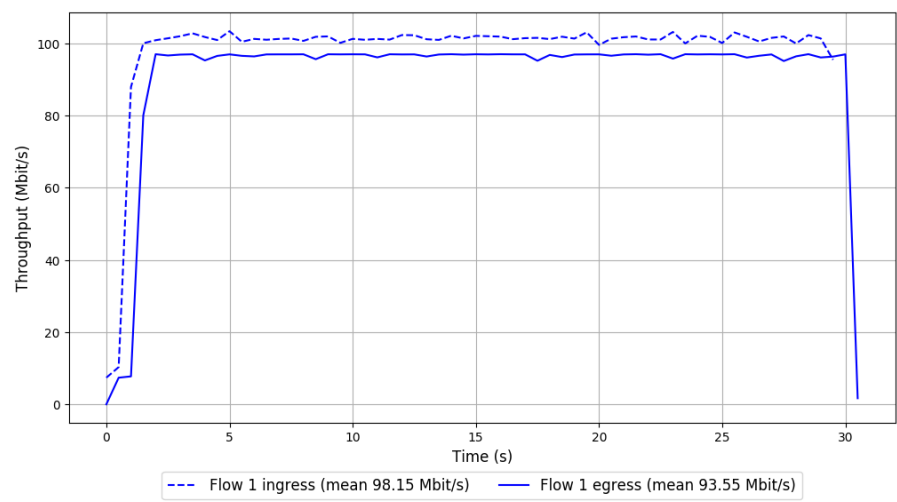
-- Flow 1:

Average throughput: 93.55 Mbit/s

95th percentile per-packet one-way delay: 67.412 ms

Loss rate: 4.67%

Run 2: Report of FillP — Data Link

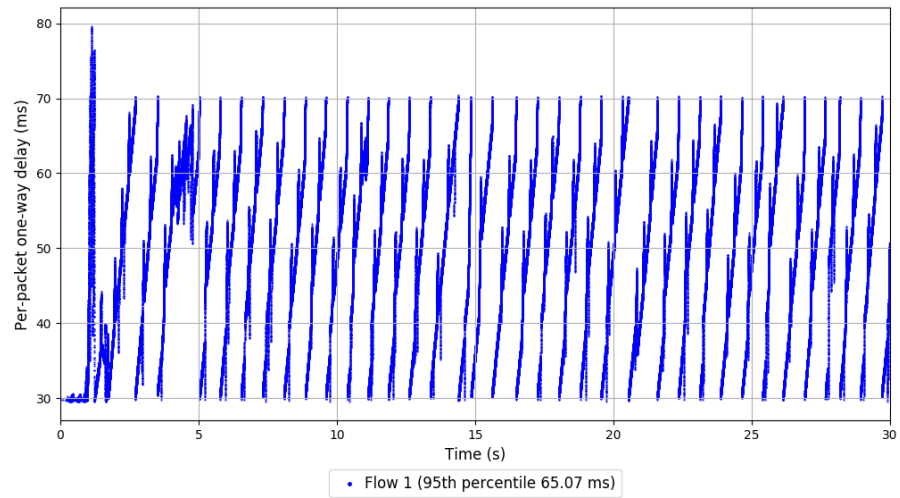
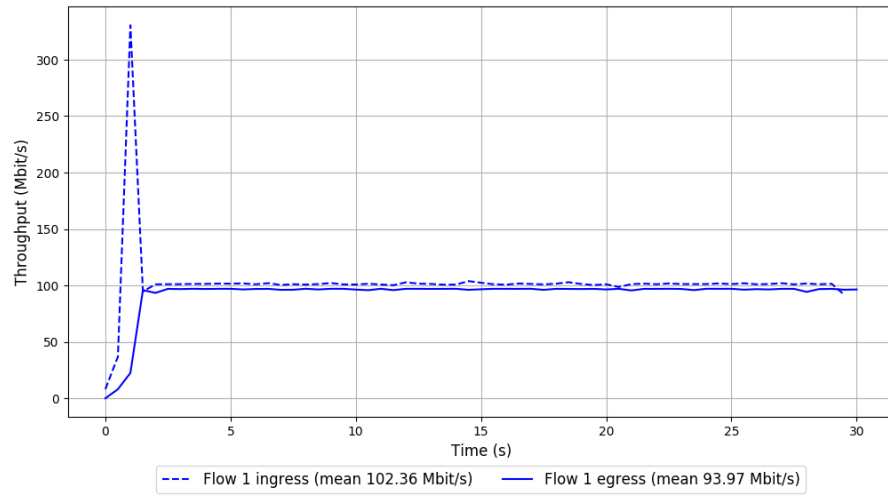


Run 3: Statistics of FillP

Start at: 2018-05-24 04:21:51
End at: 2018-05-24 04:22:21
Local clock offset: 1.002 ms
Remote clock offset: -0.777 ms

Below is generated by plot.py at 2018-05-24 07:05:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.97 Mbit/s
95th percentile per-packet one-way delay: 65.070 ms
Loss rate: 8.16%
-- Flow 1:
Average throughput: 93.97 Mbit/s
95th percentile per-packet one-way delay: 65.070 ms
Loss rate: 8.16%

Run 3: Report of FillP — Data Link

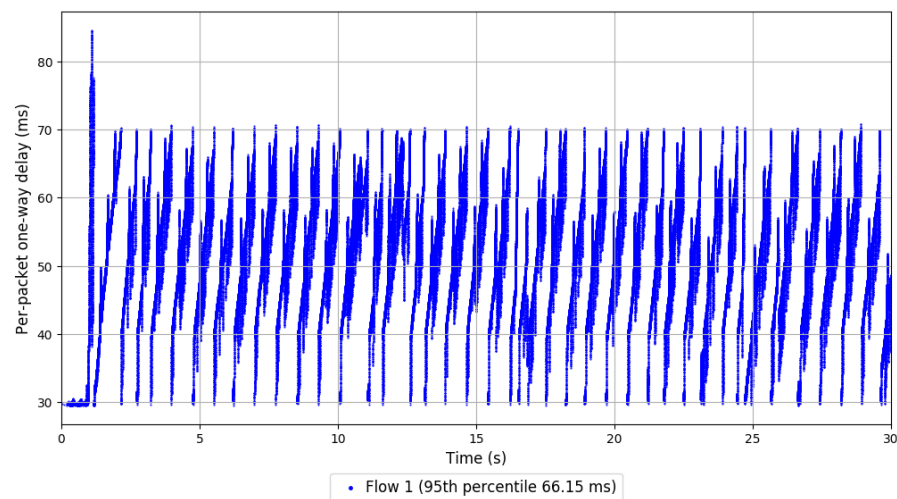
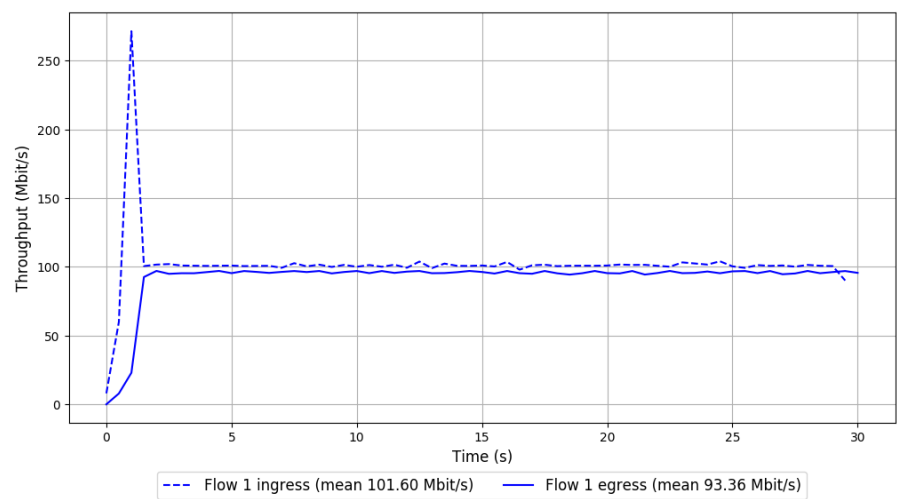


Run 4: Statistics of FillP

Start at: 2018-05-24 04:42:39
End at: 2018-05-24 04:43:09
Local clock offset: 0.876 ms
Remote clock offset: -1.772 ms

Below is generated by plot.py at 2018-05-24 07:05:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.36 Mbit/s
95th percentile per-packet one-way delay: 66.147 ms
Loss rate: 8.05%
-- Flow 1:
Average throughput: 93.36 Mbit/s
95th percentile per-packet one-way delay: 66.147 ms
Loss rate: 8.05%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-05-24 05:03:24

End at: 2018-05-24 05:03:54

Local clock offset: 1.314 ms

Remote clock offset: 1.705 ms

Below is generated by plot.py at 2018-05-24 07:05:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.02 Mbit/s

95th percentile per-packet one-way delay: 64.794 ms

Loss rate: 4.15%

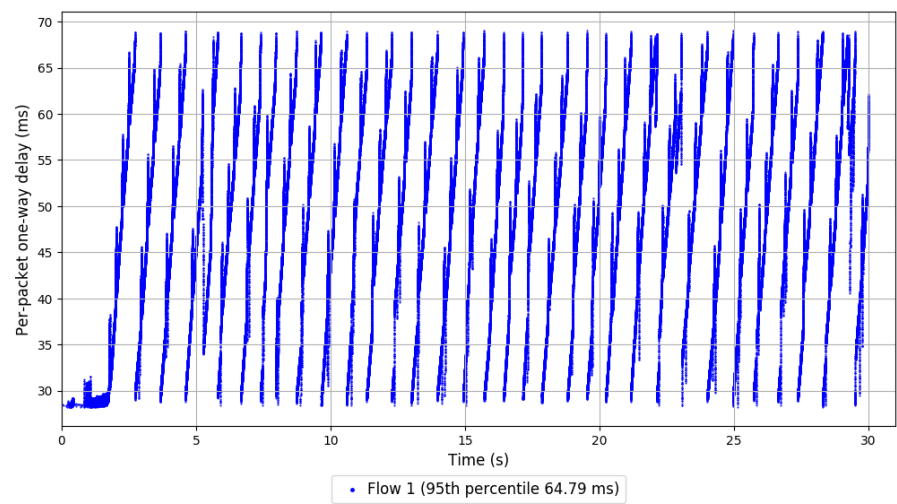
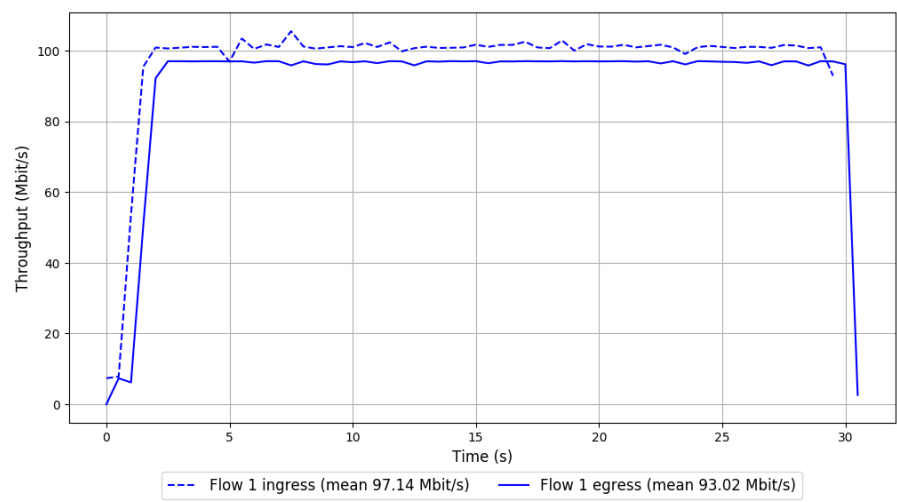
-- Flow 1:

Average throughput: 93.02 Mbit/s

95th percentile per-packet one-way delay: 64.794 ms

Loss rate: 4.15%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-05-24 05:24:25

End at: 2018-05-24 05:24:55

Local clock offset: 1.946 ms

Remote clock offset: 5.768 ms

Below is generated by plot.py at 2018-05-24 07:05:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.69 Mbit/s

95th percentile per-packet one-way delay: 66.717 ms

Loss rate: 7.57%

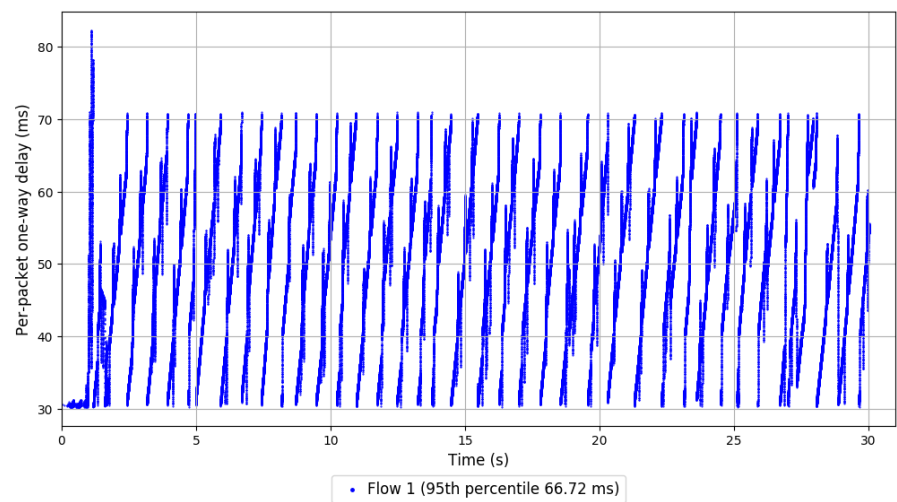
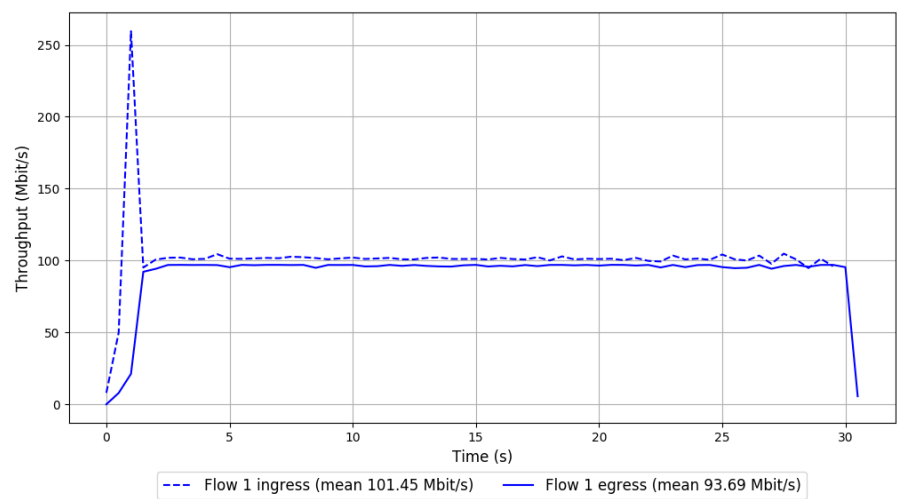
-- Flow 1:

Average throughput: 93.69 Mbit/s

95th percentile per-packet one-way delay: 66.717 ms

Loss rate: 7.57%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-05-24 05:45:21

End at: 2018-05-24 05:45:51

Local clock offset: 1.024 ms

Remote clock offset: 5.305 ms

Below is generated by plot.py at 2018-05-24 07:05:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.24 Mbit/s

95th percentile per-packet one-way delay: 63.901 ms

Loss rate: 4.90%

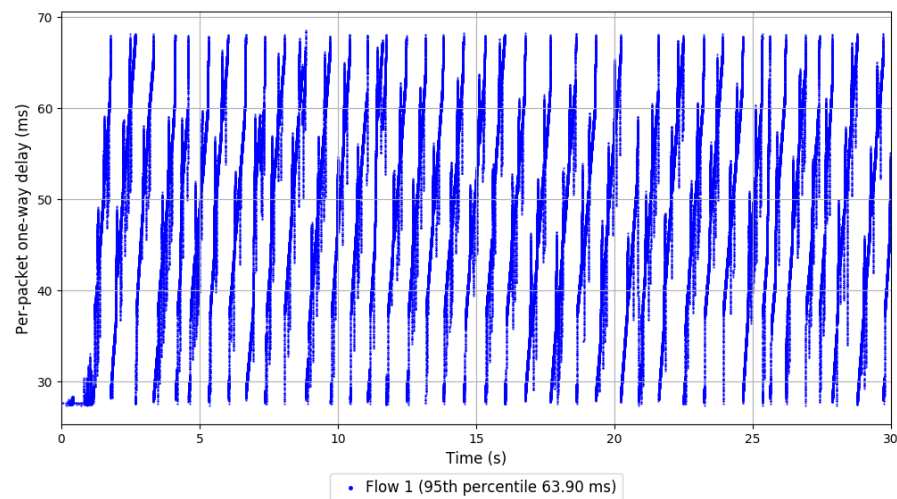
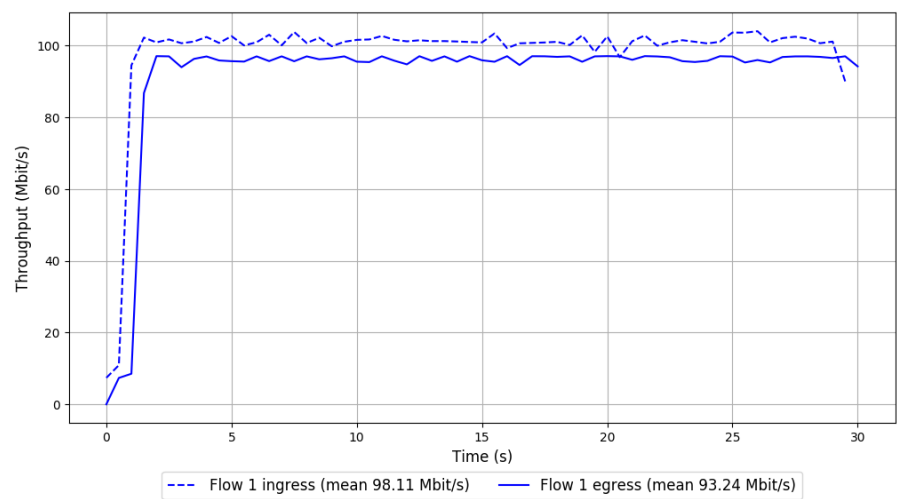
-- Flow 1:

Average throughput: 93.24 Mbit/s

95th percentile per-packet one-way delay: 63.901 ms

Loss rate: 4.90%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-05-24 06:06:01

End at: 2018-05-24 06:06:31

Local clock offset: 1.494 ms

Remote clock offset: 4.091 ms

Below is generated by plot.py at 2018-05-24 07:05:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.76 Mbit/s

95th percentile per-packet one-way delay: 66.182 ms

Loss rate: 7.73%

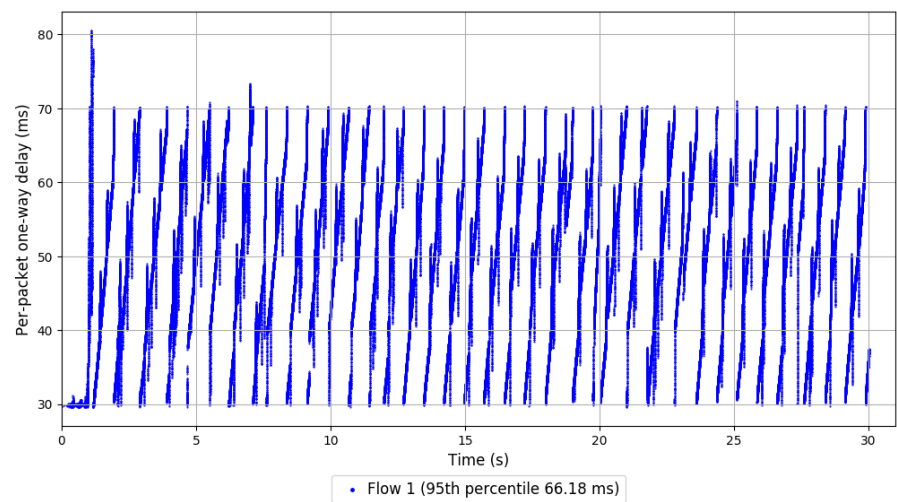
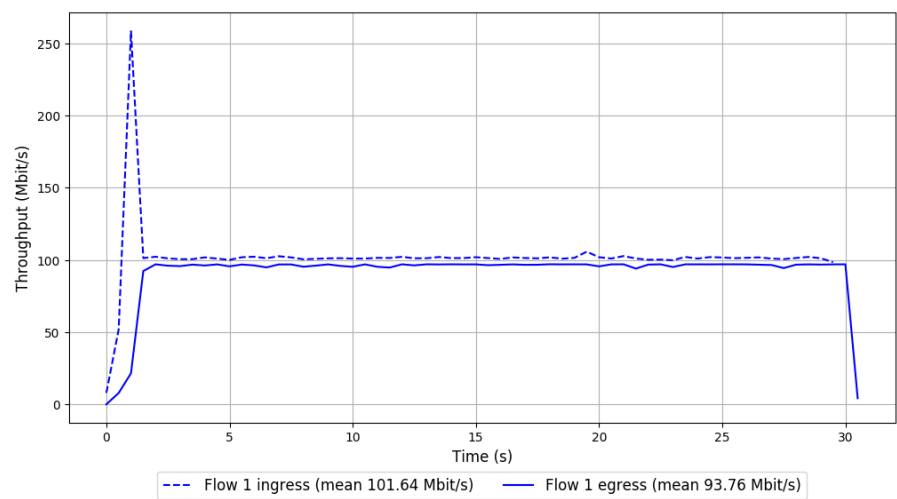
-- Flow 1:

Average throughput: 93.76 Mbit/s

95th percentile per-packet one-way delay: 66.182 ms

Loss rate: 7.73%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-05-24 06:26:45

End at: 2018-05-24 06:27:15

Local clock offset: 1.594 ms

Remote clock offset: 3.215 ms

Below is generated by plot.py at 2018-05-24 07:06:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.89 Mbit/s

95th percentile per-packet one-way delay: 65.962 ms

Loss rate: 8.17%

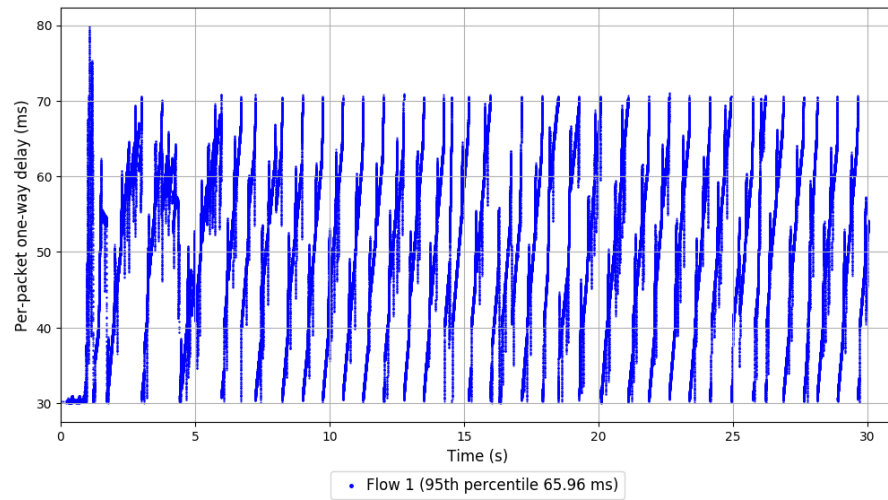
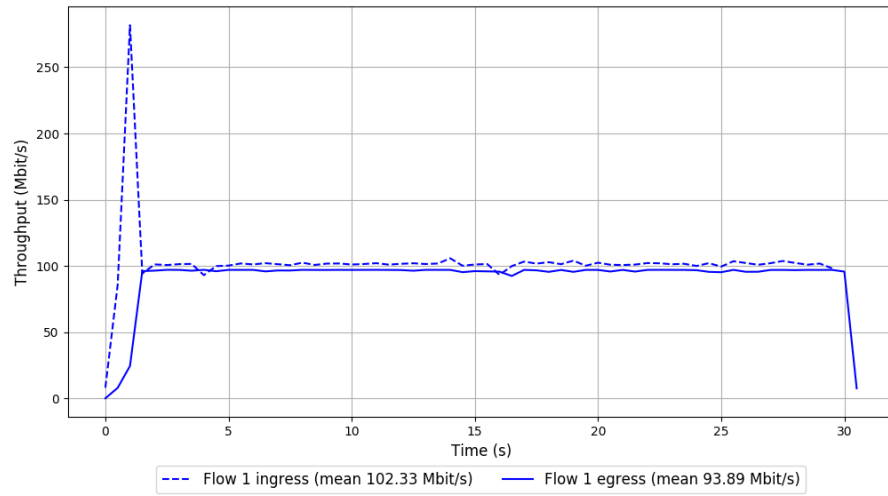
-- Flow 1:

Average throughput: 93.89 Mbit/s

95th percentile per-packet one-way delay: 65.962 ms

Loss rate: 8.17%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-05-24 06:47:34

End at: 2018-05-24 06:48:04

Local clock offset: 0.623 ms

Remote clock offset: 0.632 ms

Below is generated by plot.py at 2018-05-24 07:06:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.85 Mbit/s

95th percentile per-packet one-way delay: 64.764 ms

Loss rate: 5.06%

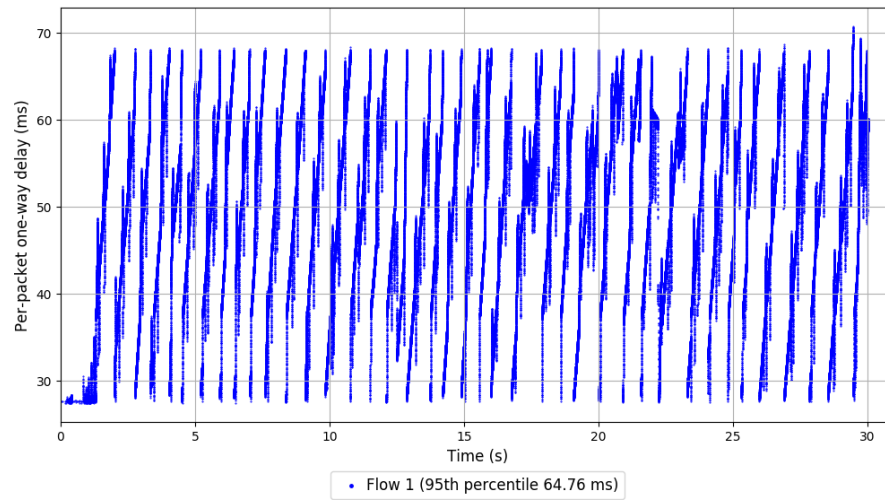
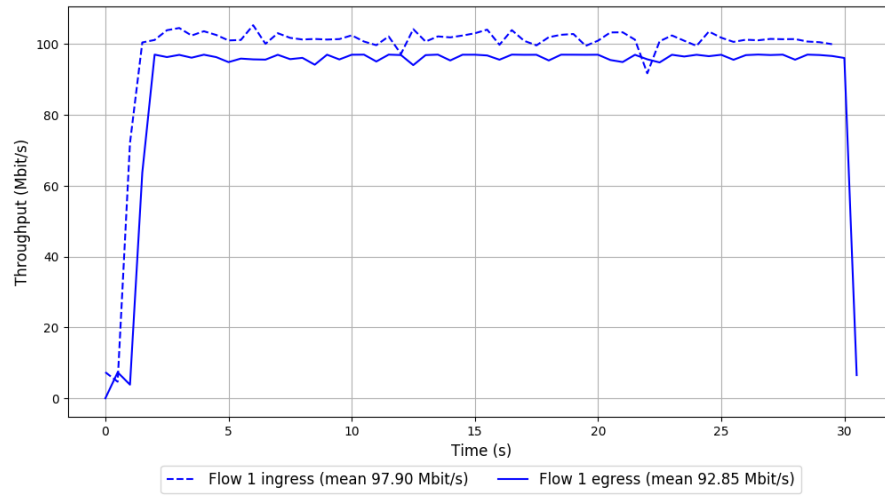
-- Flow 1:

Average throughput: 92.85 Mbit/s

95th percentile per-packet one-way delay: 64.764 ms

Loss rate: 5.06%

Run 10: Report of FillP — Data Link



Run 1: Statistics of Indigo

Start at: 2018-05-24 03:32:25

End at: 2018-05-24 03:32:55

Local clock offset: 0.907 ms

Remote clock offset: -2.046 ms

Below is generated by plot.py at 2018-05-24 07:06:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.52 Mbit/s

95th percentile per-packet one-way delay: 35.126 ms

Loss rate: 0.00%

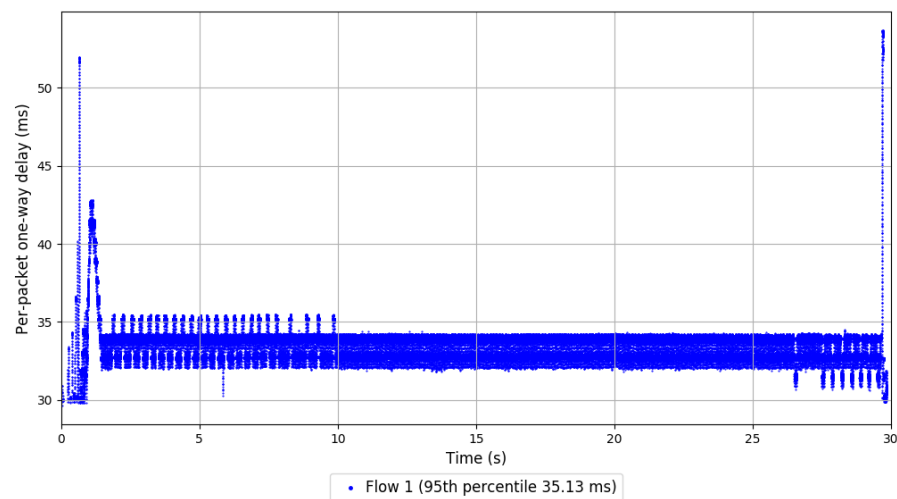
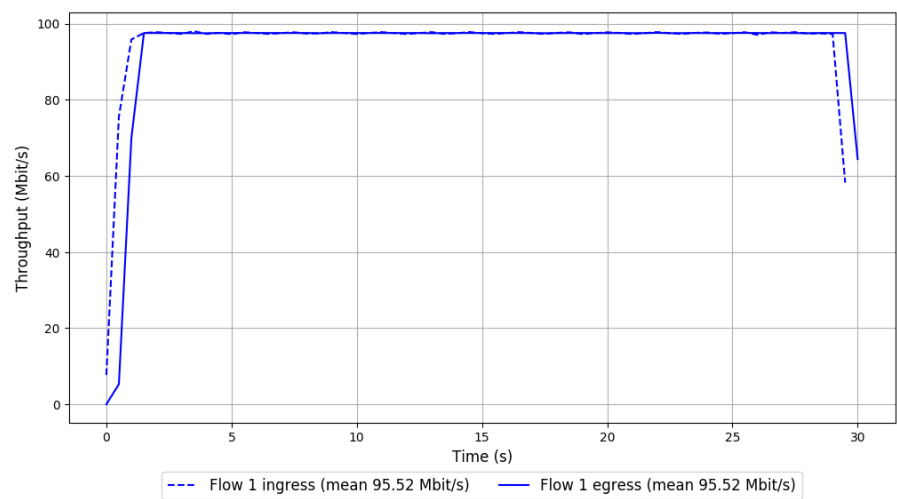
-- Flow 1:

Average throughput: 95.52 Mbit/s

95th percentile per-packet one-way delay: 35.126 ms

Loss rate: 0.00%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2018-05-24 03:53:11

End at: 2018-05-24 03:53:41

Local clock offset: 0.791 ms

Remote clock offset: 0.174 ms

Below is generated by plot.py at 2018-05-24 07:06:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.90 Mbit/s

95th percentile per-packet one-way delay: 34.392 ms

Loss rate: 0.00%

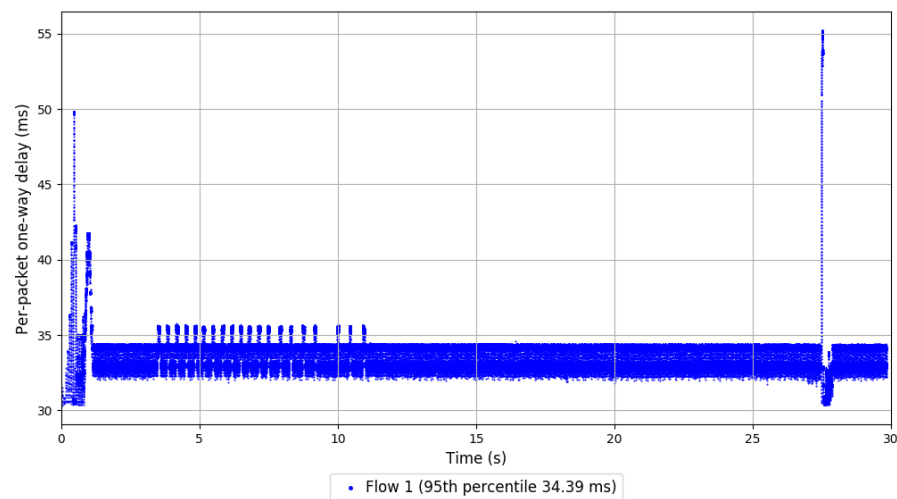
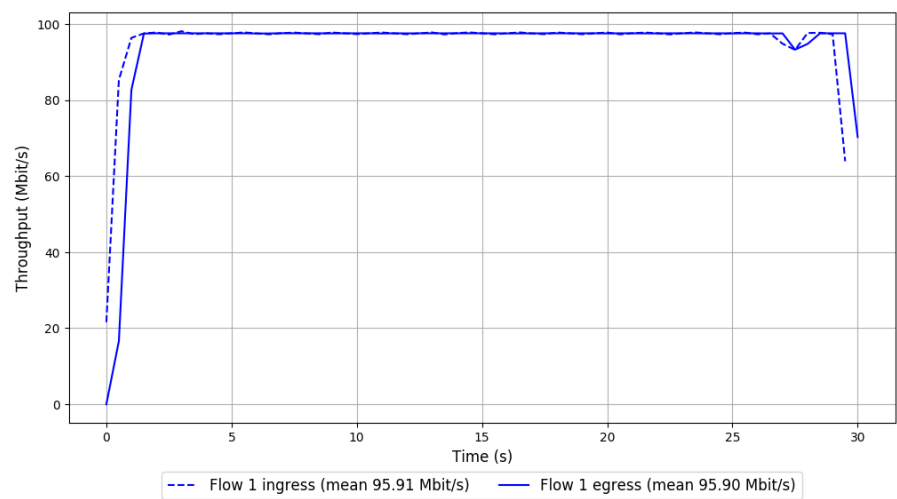
-- Flow 1:

Average throughput: 95.90 Mbit/s

95th percentile per-packet one-way delay: 34.392 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

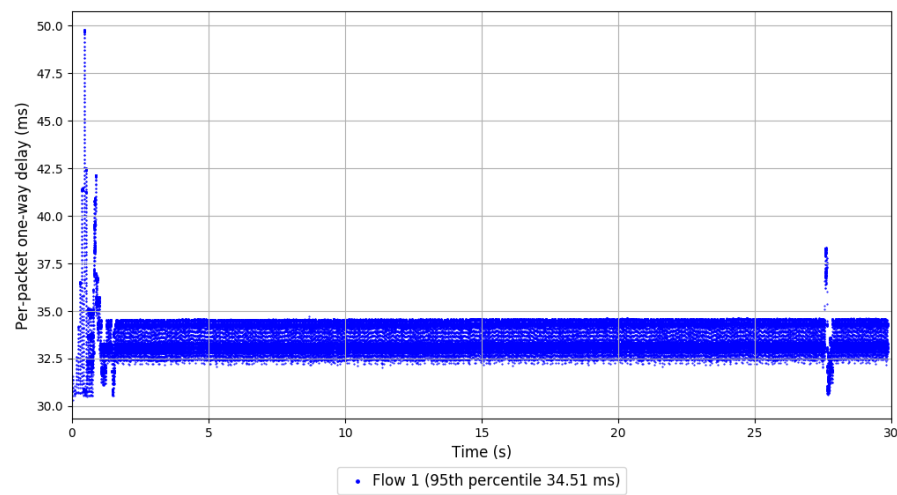
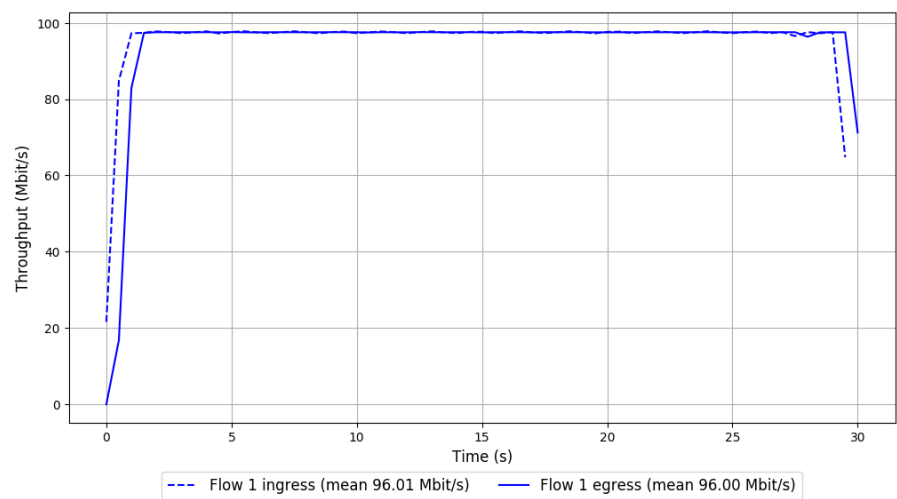


Run 3: Statistics of Indigo

Start at: 2018-05-24 04:13:58
End at: 2018-05-24 04:14:28
Local clock offset: 0.893 ms
Remote clock offset: -0.015 ms

Below is generated by plot.py at 2018-05-24 07:06:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.00 Mbit/s
95th percentile per-packet one-way delay: 34.506 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.00 Mbit/s
95th percentile per-packet one-way delay: 34.506 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2018-05-24 04:34:50

End at: 2018-05-24 04:35:20

Local clock offset: 0.831 ms

Remote clock offset: -3.535 ms

Below is generated by plot.py at 2018-05-24 07:06:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.94 Mbit/s

95th percentile per-packet one-way delay: 32.745 ms

Loss rate: 0.00%

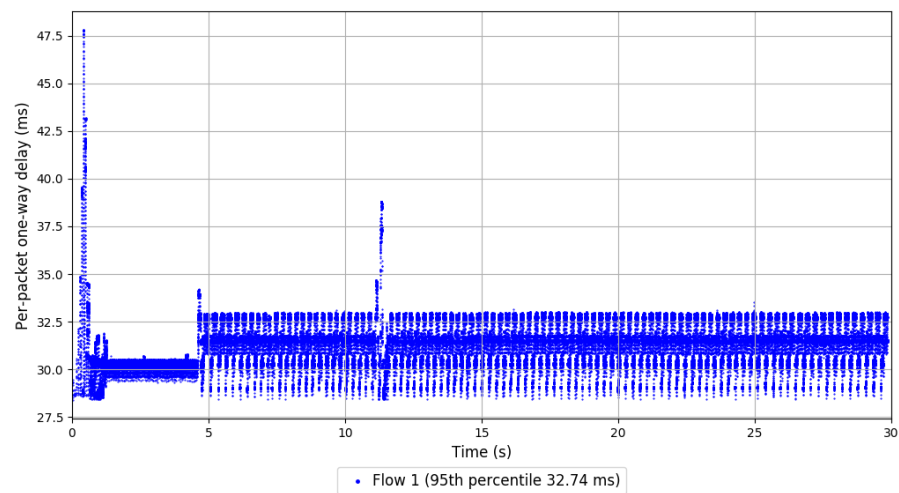
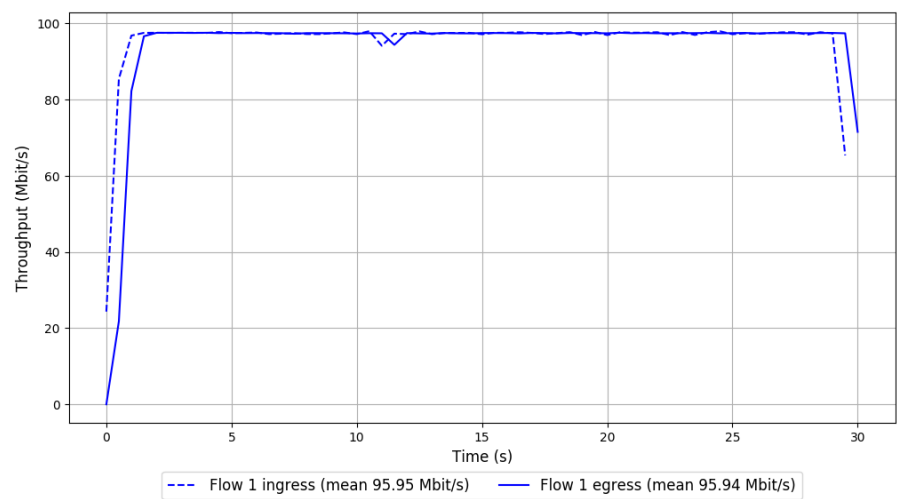
-- Flow 1:

Average throughput: 95.94 Mbit/s

95th percentile per-packet one-way delay: 32.745 ms

Loss rate: 0.00%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2018-05-24 04:55:36

End at: 2018-05-24 04:56:06

Local clock offset: 0.862 ms

Remote clock offset: 0.218 ms

Below is generated by plot.py at 2018-05-24 07:06:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.56 Mbit/s

95th percentile per-packet one-way delay: 30.929 ms

Loss rate: 0.01%

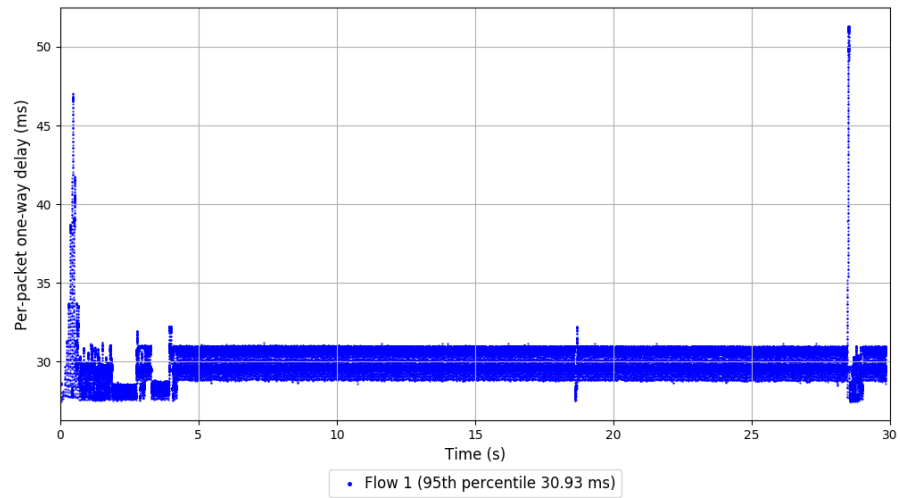
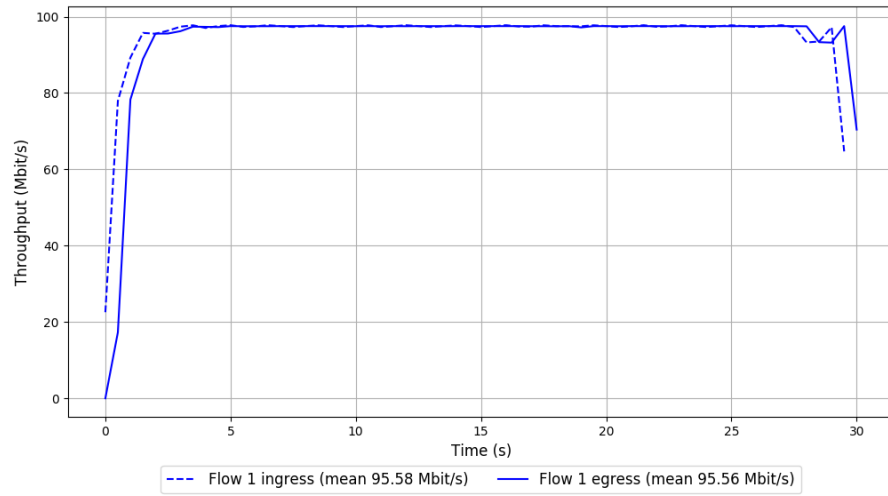
-- Flow 1:

Average throughput: 95.56 Mbit/s

95th percentile per-packet one-way delay: 30.929 ms

Loss rate: 0.01%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2018-05-24 05:16:35

End at: 2018-05-24 05:17:05

Local clock offset: 1.836 ms

Remote clock offset: 5.123 ms

Below is generated by plot.py at 2018-05-24 07:06:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.79 Mbit/s

95th percentile per-packet one-way delay: 33.841 ms

Loss rate: 0.00%

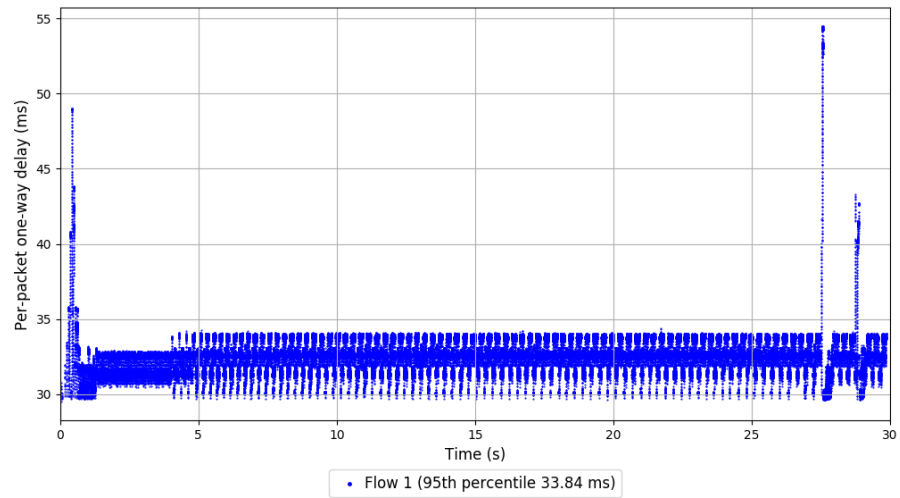
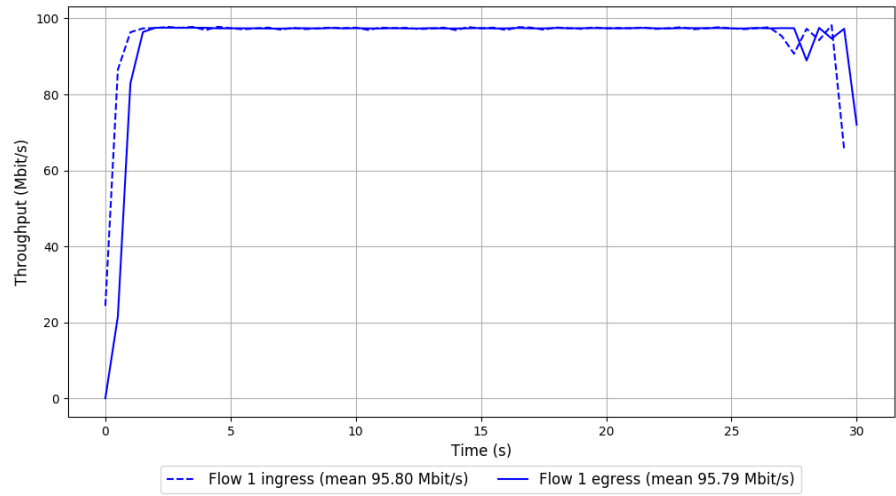
-- Flow 1:

Average throughput: 95.79 Mbit/s

95th percentile per-packet one-way delay: 33.841 ms

Loss rate: 0.00%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2018-05-24 05:37:30

End at: 2018-05-24 05:38:00

Local clock offset: 1.207 ms

Remote clock offset: 7.226 ms

Below is generated by plot.py at 2018-05-24 07:07:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.15 Mbit/s

95th percentile per-packet one-way delay: 34.252 ms

Loss rate: 0.01%

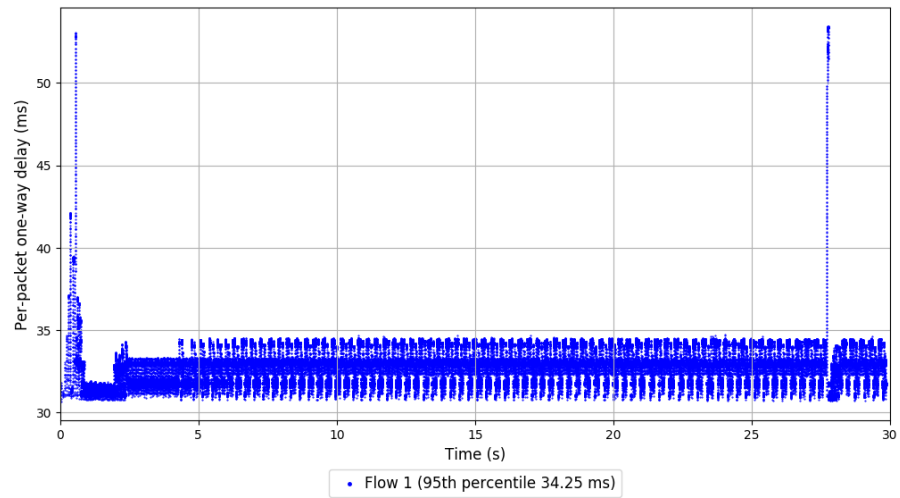
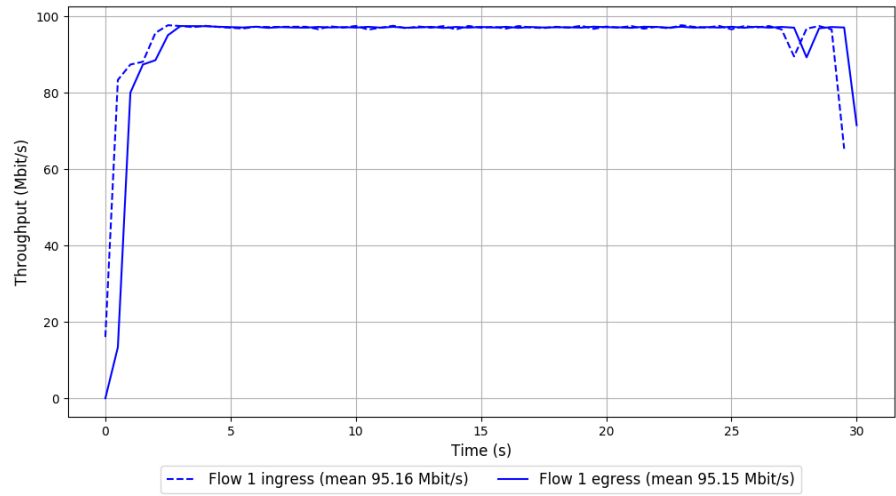
-- Flow 1:

Average throughput: 95.15 Mbit/s

95th percentile per-packet one-way delay: 34.252 ms

Loss rate: 0.01%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2018-05-24 05:58:16

End at: 2018-05-24 05:58:46

Local clock offset: 1.139 ms

Remote clock offset: 5.768 ms

Below is generated by plot.py at 2018-05-24 07:07:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.90 Mbit/s

95th percentile per-packet one-way delay: 34.589 ms

Loss rate: 0.01%

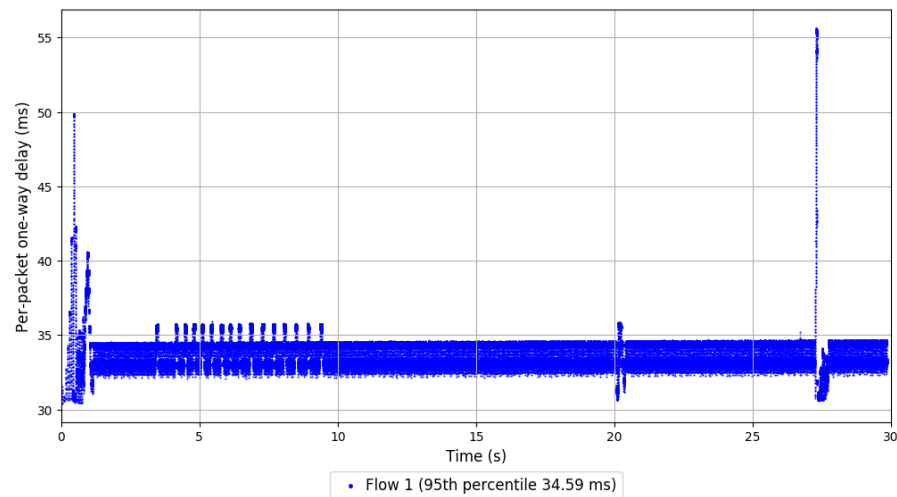
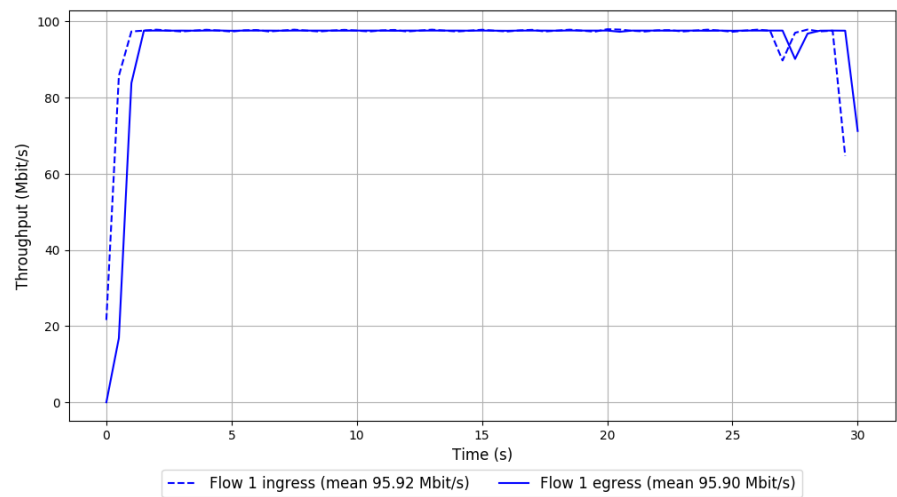
-- Flow 1:

Average throughput: 95.90 Mbit/s

95th percentile per-packet one-way delay: 34.589 ms

Loss rate: 0.01%

Run 8: Report of Indigo — Data Link



Run 9: Statistics of Indigo

Start at: 2018-05-24 06:18:56

End at: 2018-05-24 06:19:26

Local clock offset: 1.641 ms

Remote clock offset: 3.015 ms

Below is generated by plot.py at 2018-05-24 07:07:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.84 Mbit/s

95th percentile per-packet one-way delay: 34.744 ms

Loss rate: 0.00%

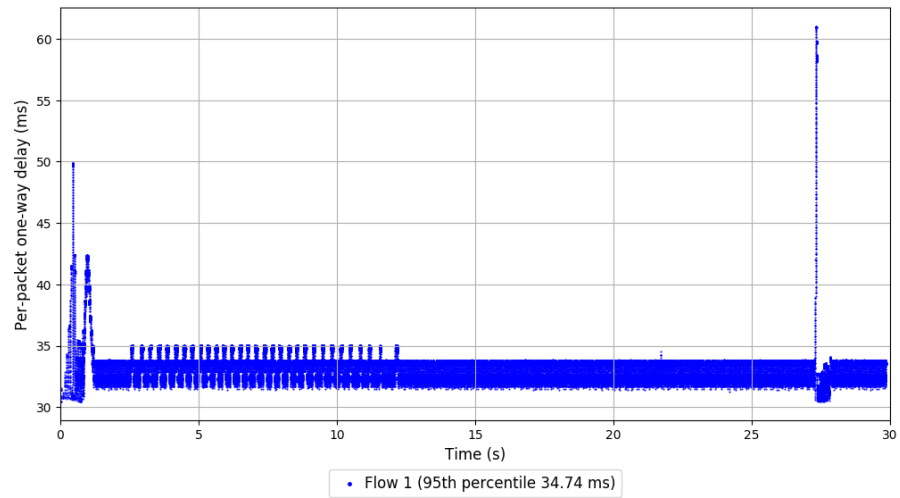
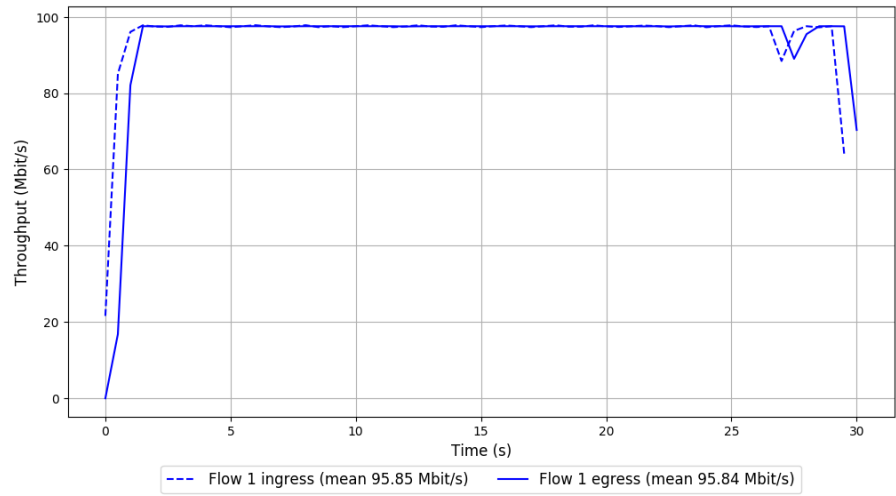
-- Flow 1:

Average throughput: 95.84 Mbit/s

95th percentile per-packet one-way delay: 34.744 ms

Loss rate: 0.00%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-05-24 06:39:46

End at: 2018-05-24 06:40:16

Local clock offset: 0.806 ms

Remote clock offset: 2.827 ms

Below is generated by plot.py at 2018-05-24 07:07:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.90 Mbit/s

95th percentile per-packet one-way delay: 34.260 ms

Loss rate: 0.02%

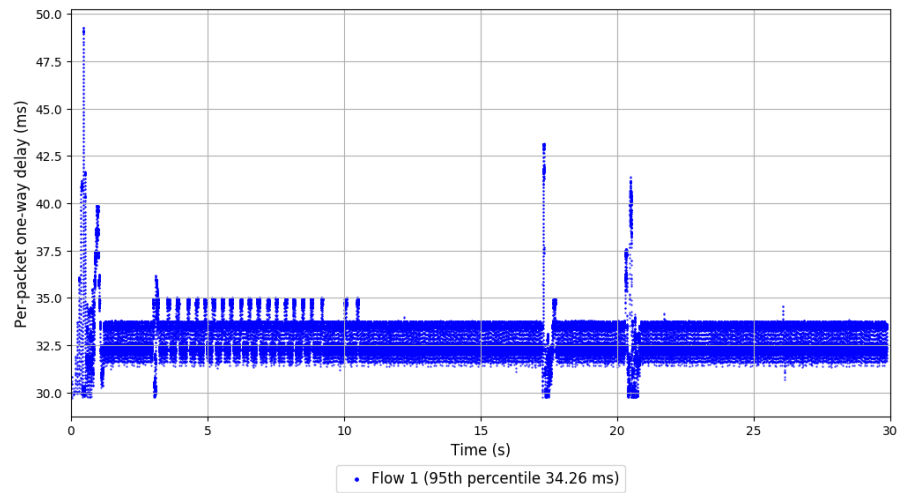
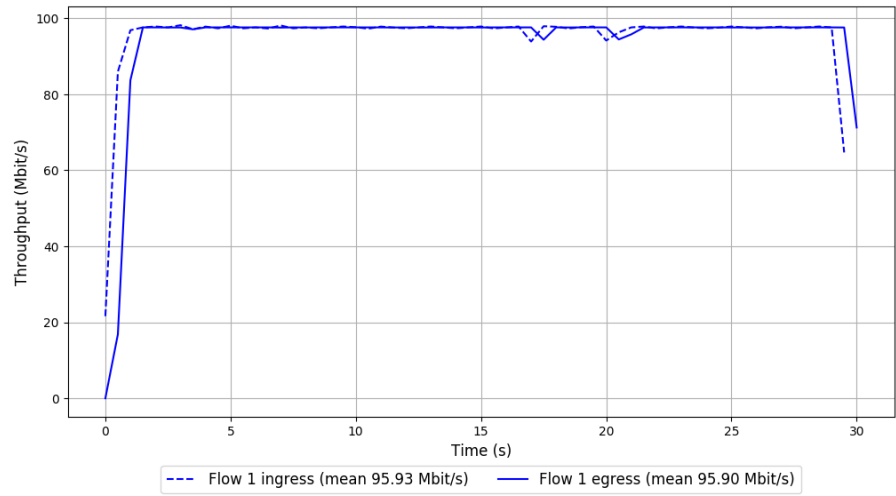
-- Flow 1:

Average throughput: 95.90 Mbit/s

95th percentile per-packet one-way delay: 34.260 ms

Loss rate: 0.02%

Run 10: Report of Indigo — Data Link



Run 1: Statistics of LEDBAT

Start at: 2018-05-24 03:33:45

End at: 2018-05-24 03:34:15

Local clock offset: 0.88 ms

Remote clock offset: -2.271 ms

Below is generated by plot.py at 2018-05-24 07:07:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.66 Mbit/s

95th percentile per-packet one-way delay: 65.498 ms

Loss rate: 0.03%

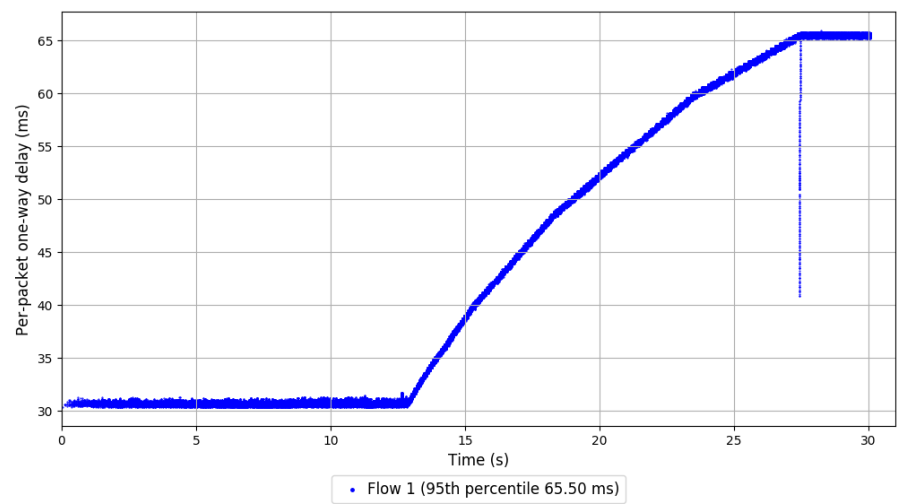
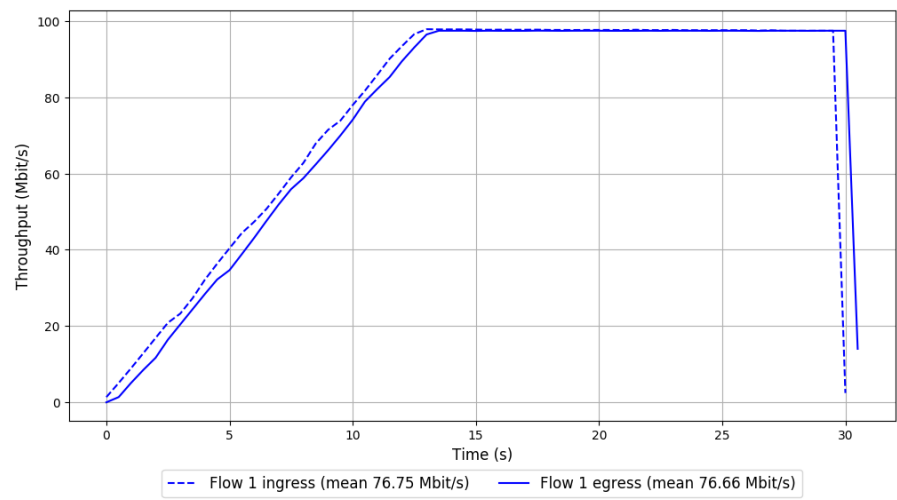
-- Flow 1:

Average throughput: 76.66 Mbit/s

95th percentile per-packet one-way delay: 65.498 ms

Loss rate: 0.03%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2018-05-24 03:54:32

End at: 2018-05-24 03:55:02

Local clock offset: 0.803 ms

Remote clock offset: 0.253 ms

Below is generated by plot.py at 2018-05-24 07:07:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.35 Mbit/s

95th percentile per-packet one-way delay: 60.488 ms

Loss rate: 0.00%

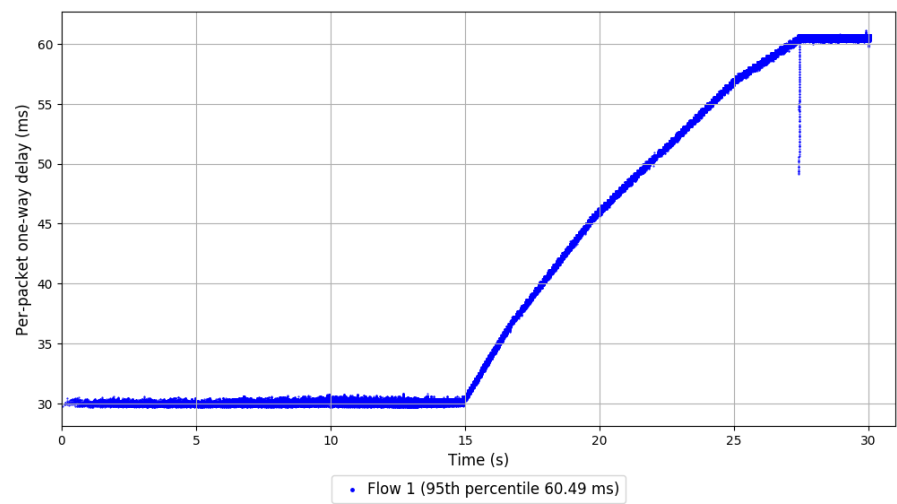
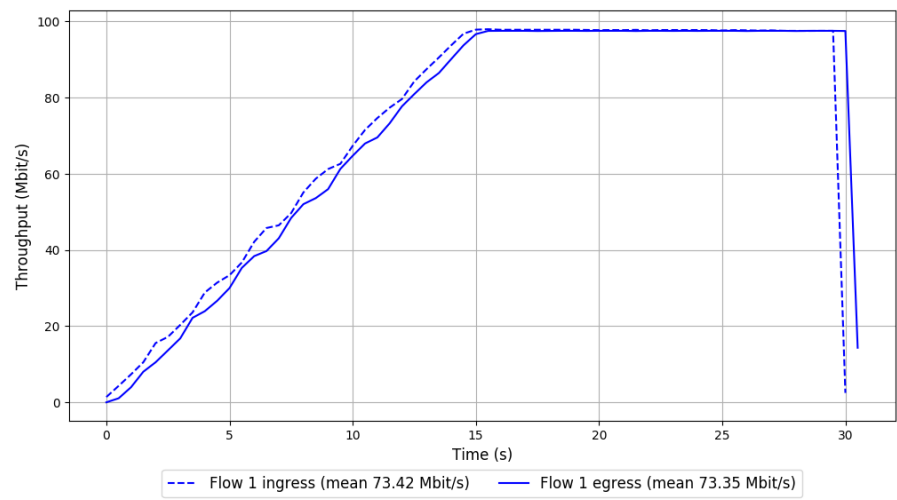
-- Flow 1:

Average throughput: 73.35 Mbit/s

95th percentile per-packet one-way delay: 60.488 ms

Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

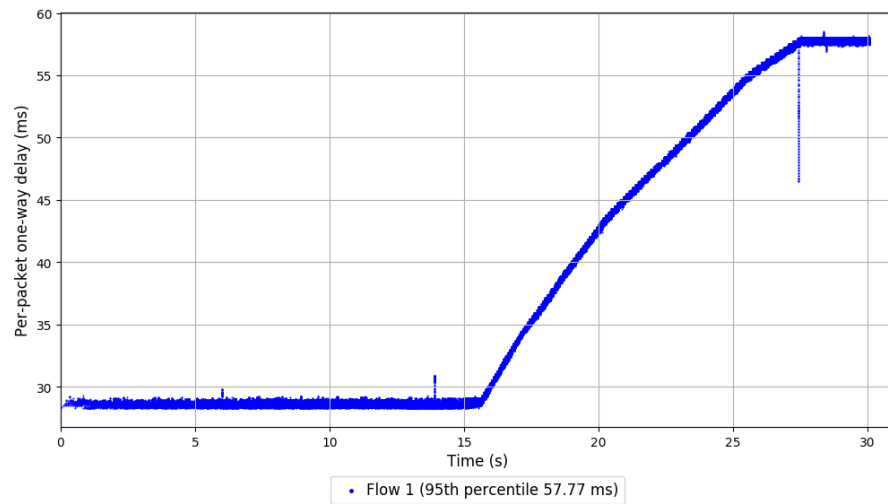
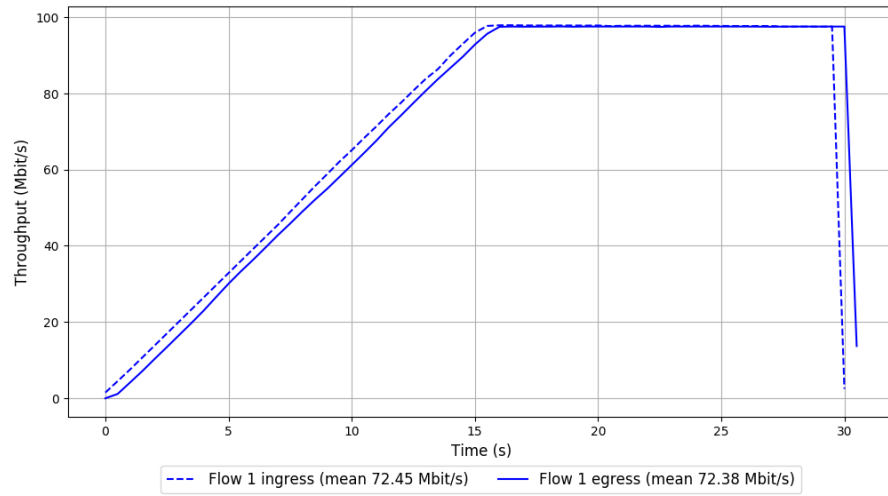


Run 3: Statistics of LEDBAT

Start at: 2018-05-24 04:15:18
End at: 2018-05-24 04:15:49
Local clock offset: 0.993 ms
Remote clock offset: -2.298 ms

Below is generated by plot.py at 2018-05-24 07:07:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.38 Mbit/s
95th percentile per-packet one-way delay: 57.767 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.38 Mbit/s
95th percentile per-packet one-way delay: 57.767 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

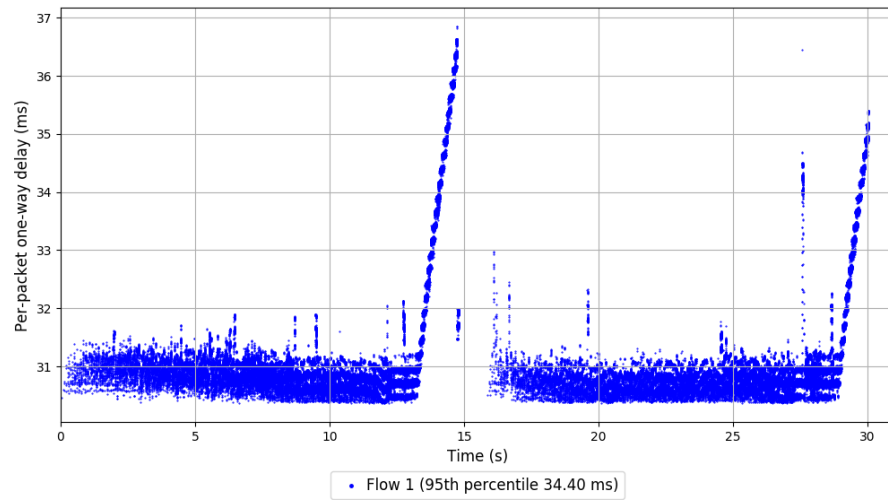
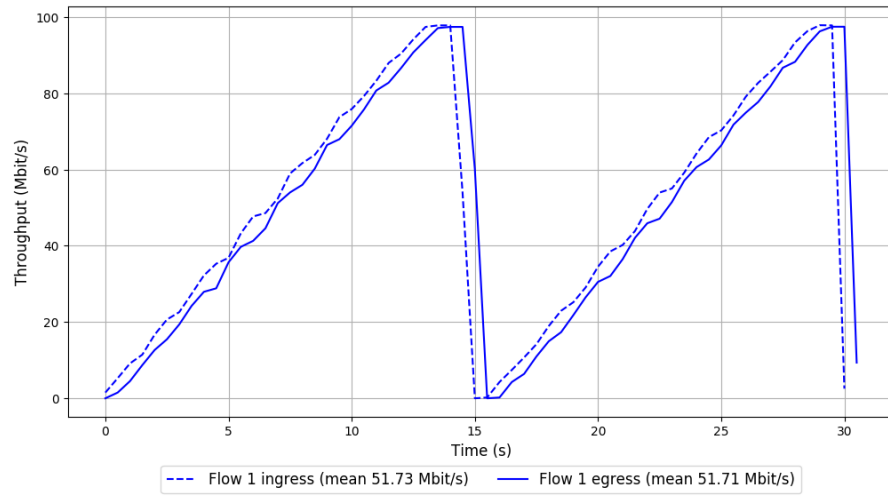


Run 4: Statistics of LEDBAT

Start at: 2018-05-24 04:36:10
End at: 2018-05-24 04:36:40
Local clock offset: 0.904 ms
Remote clock offset: -1.533 ms

Below is generated by plot.py at 2018-05-24 07:07:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 51.71 Mbit/s
95th percentile per-packet one-way delay: 34.401 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 51.71 Mbit/s
95th percentile per-packet one-way delay: 34.401 ms
Loss rate: 0.03%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-05-24 04:56:56

End at: 2018-05-24 04:57:26

Local clock offset: 0.964 ms

Remote clock offset: 0.562 ms

Below is generated by plot.py at 2018-05-24 07:08:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.47 Mbit/s

95th percentile per-packet one-way delay: 58.583 ms

Loss rate: 0.00%

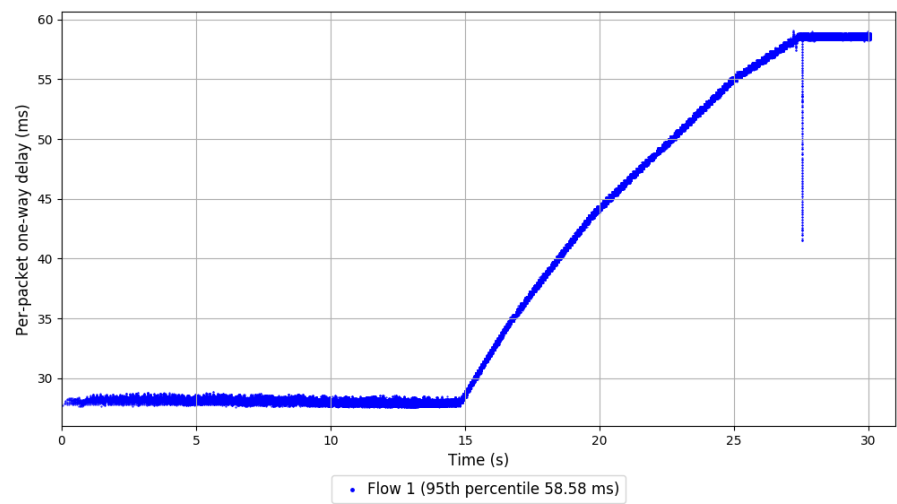
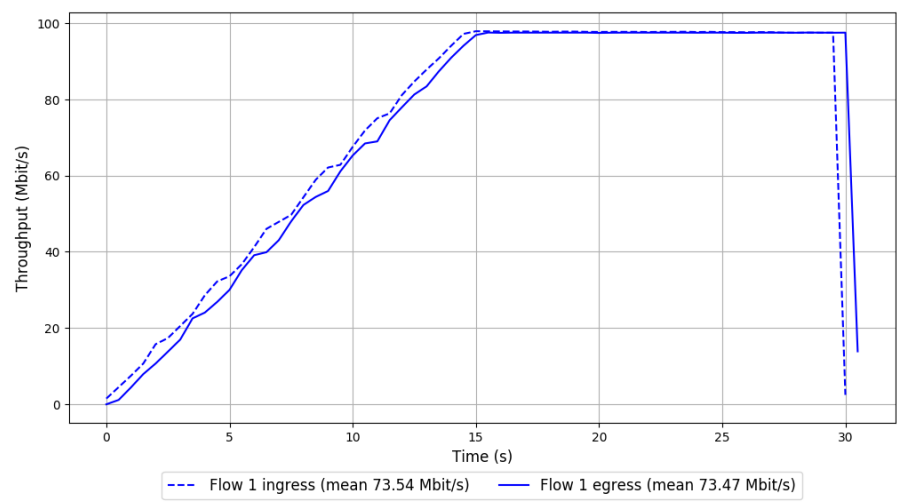
-- Flow 1:

Average throughput: 73.47 Mbit/s

95th percentile per-packet one-way delay: 58.583 ms

Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-05-24 05:17:56

End at: 2018-05-24 05:18:26

Local clock offset: 1.762 ms

Remote clock offset: 3.182 ms

Below is generated by plot.py at 2018-05-24 07:08:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.41 Mbit/s

95th percentile per-packet one-way delay: 59.389 ms

Loss rate: 0.00%

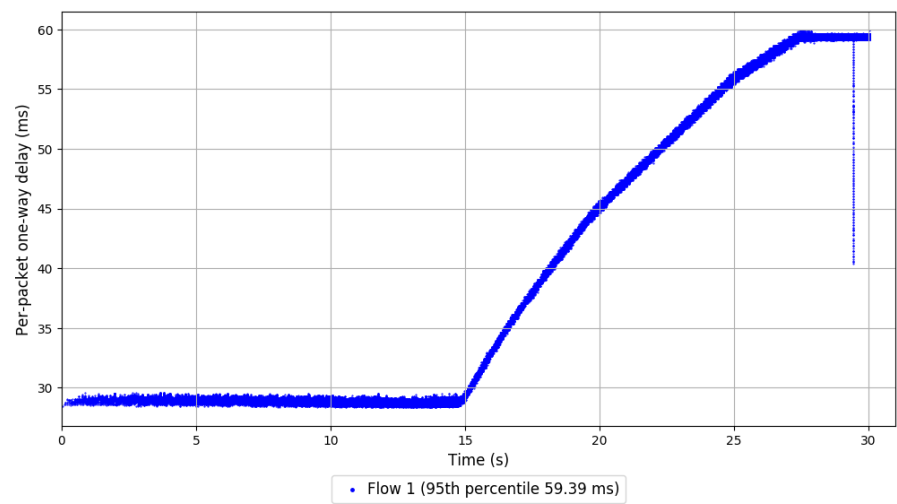
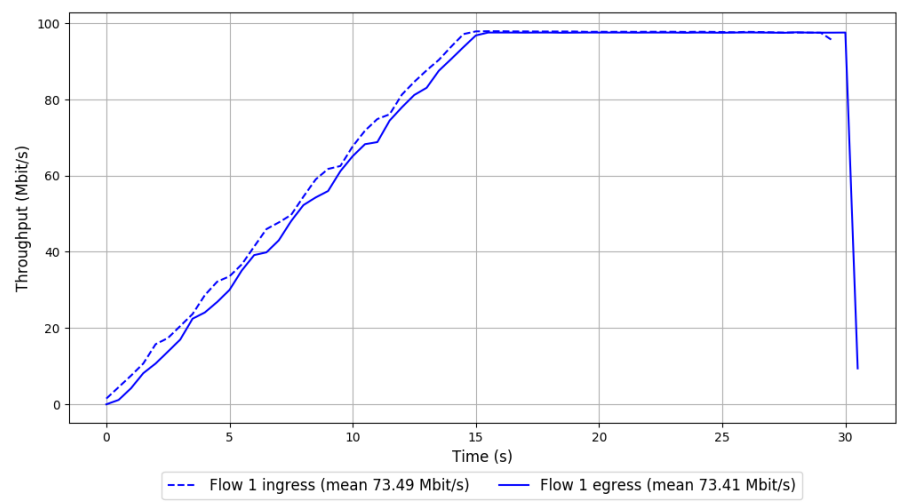
-- Flow 1:

Average throughput: 73.41 Mbit/s

95th percentile per-packet one-way delay: 59.389 ms

Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-05-24 05:38:51

End at: 2018-05-24 05:39:21

Local clock offset: 1.146 ms

Remote clock offset: 6.868 ms

Below is generated by plot.py at 2018-05-24 07:08:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.97 Mbit/s

95th percentile per-packet one-way delay: 61.356 ms

Loss rate: 0.00%

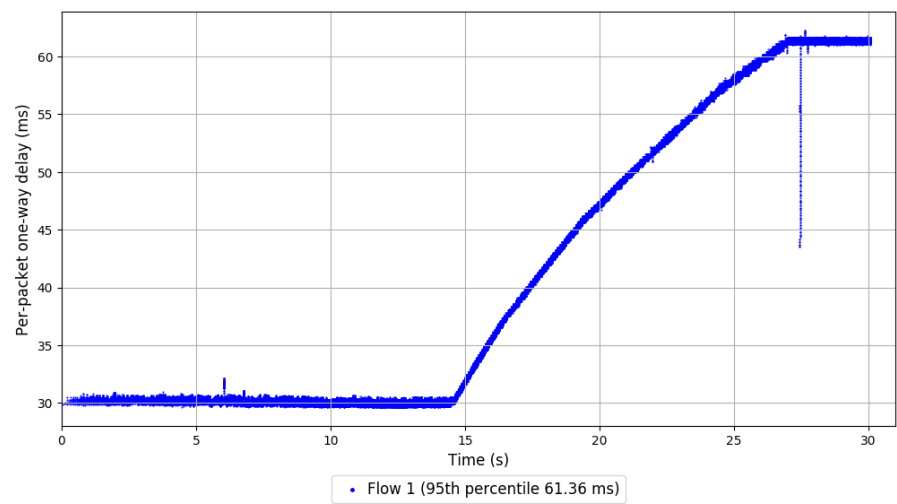
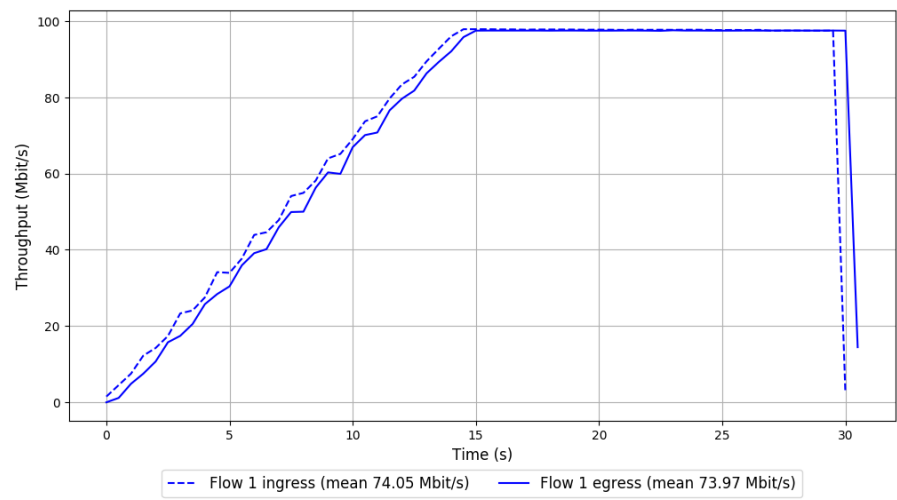
-- Flow 1:

Average throughput: 73.97 Mbit/s

95th percentile per-packet one-way delay: 61.356 ms

Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-05-24 05:59:36

End at: 2018-05-24 06:00:06

Local clock offset: 1.198 ms

Remote clock offset: 3.348 ms

Below is generated by plot.py at 2018-05-24 07:08:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 53.95 Mbit/s

95th percentile per-packet one-way delay: 49.014 ms

Loss rate: 0.03%

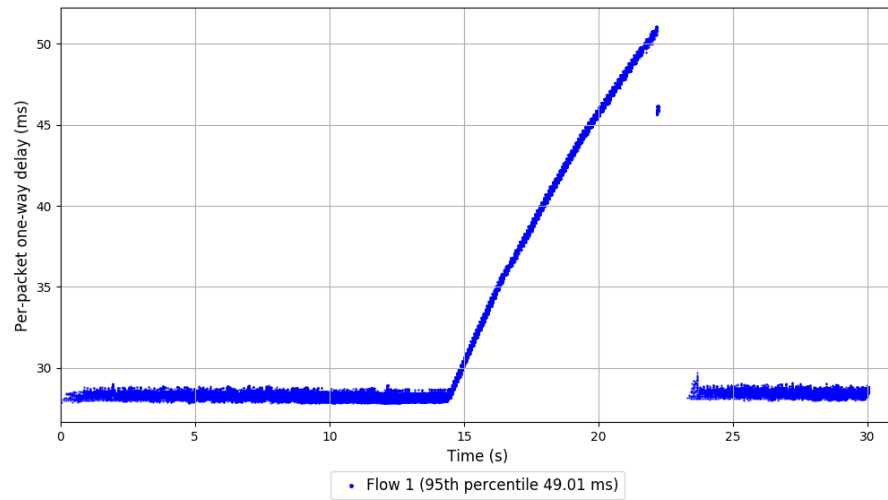
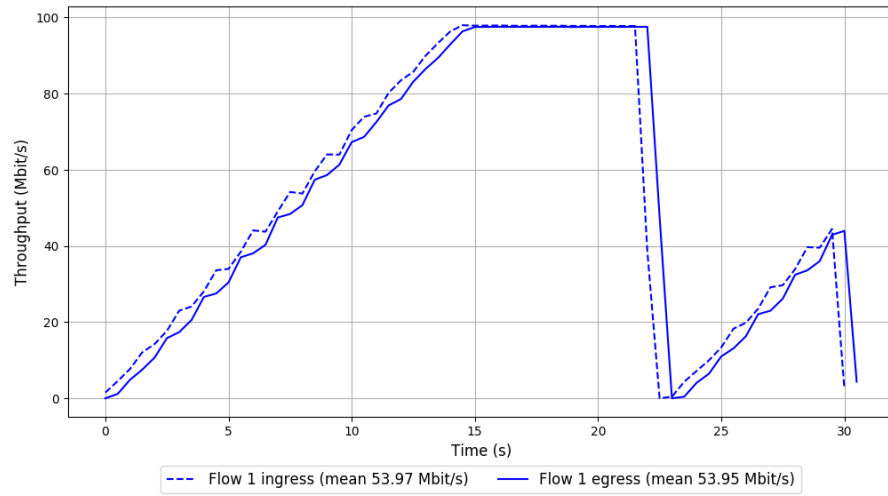
-- Flow 1:

Average throughput: 53.95 Mbit/s

95th percentile per-packet one-way delay: 49.014 ms

Loss rate: 0.03%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-05-24 06:20:16

End at: 2018-05-24 06:20:46

Local clock offset: 1.74 ms

Remote clock offset: 0.907 ms

Below is generated by plot.py at 2018-05-24 07:08:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.44 Mbit/s

95th percentile per-packet one-way delay: 58.716 ms

Loss rate: 0.00%

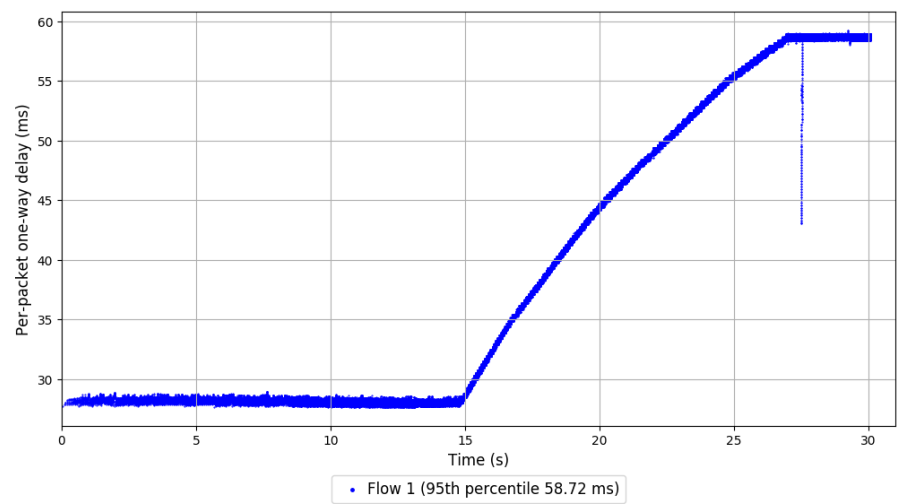
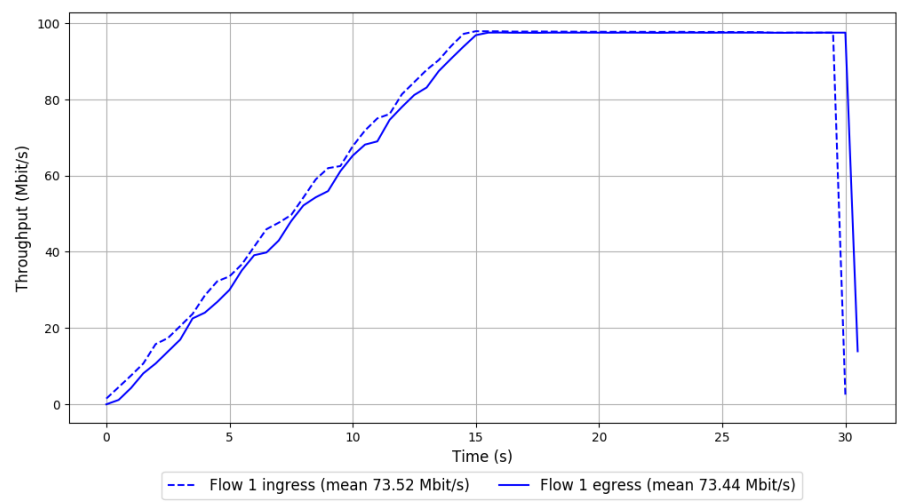
-- Flow 1:

Average throughput: 73.44 Mbit/s

95th percentile per-packet one-way delay: 58.716 ms

Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-05-24 06:41:06

End at: 2018-05-24 06:41:36

Local clock offset: 0.785 ms

Remote clock offset: 2.798 ms

Below is generated by plot.py at 2018-05-24 07:08:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 56.63 Mbit/s

95th percentile per-packet one-way delay: 55.273 ms

Loss rate: 0.03%

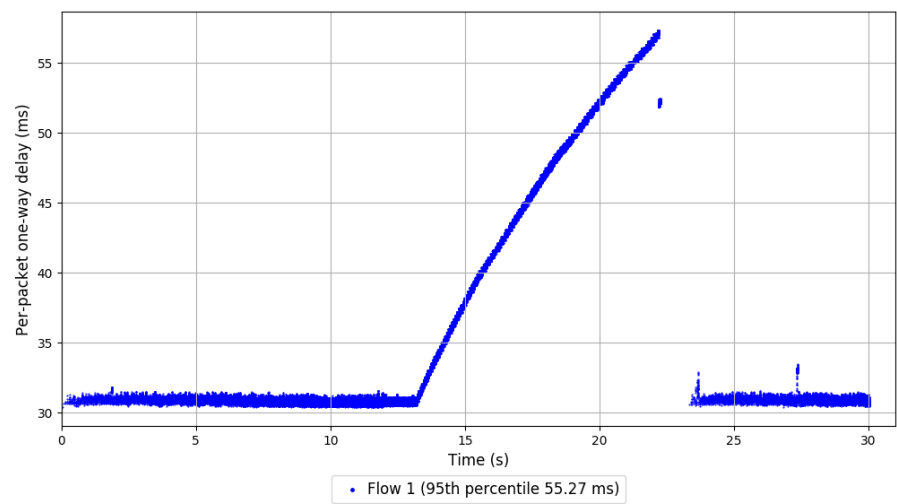
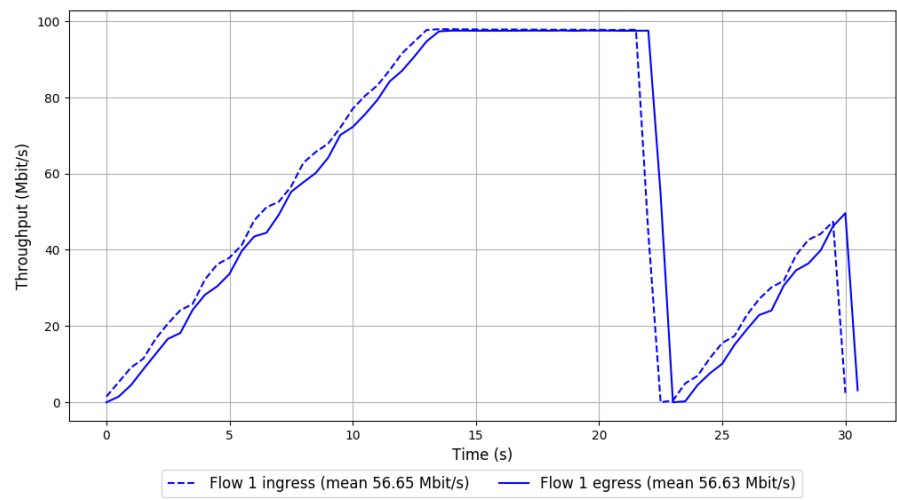
-- Flow 1:

Average throughput: 56.63 Mbit/s

95th percentile per-packet one-way delay: 55.273 ms

Loss rate: 0.03%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2018-05-24 03:28:19

End at: 2018-05-24 03:28:49

Local clock offset: 0.964 ms

Remote clock offset: -1.896 ms

Below is generated by plot.py at 2018-05-24 07:08:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.74 Mbit/s

95th percentile per-packet one-way delay: 35.392 ms

Loss rate: 0.68%

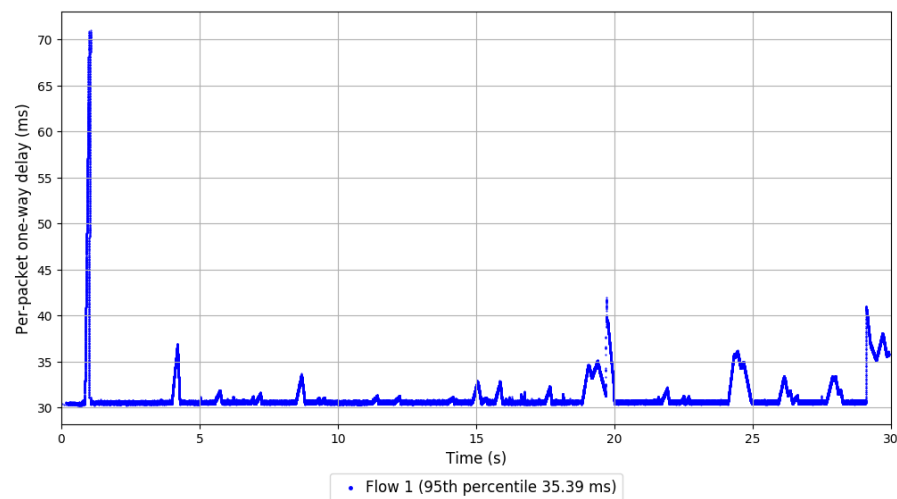
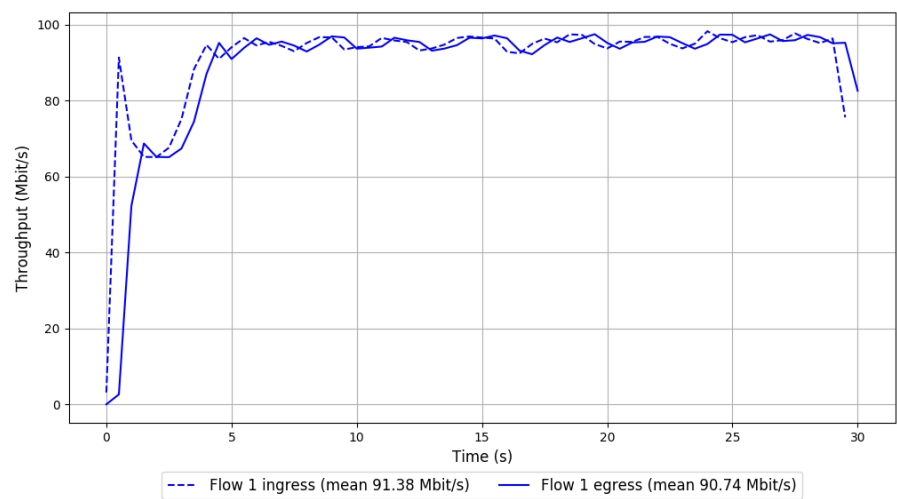
-- Flow 1:

Average throughput: 90.74 Mbit/s

95th percentile per-packet one-way delay: 35.392 ms

Loss rate: 0.68%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-05-24 03:49:20

End at: 2018-05-24 03:49:50

Local clock offset: 0.806 ms

Remote clock offset: -0.052 ms

Below is generated by plot.py at 2018-05-24 07:08:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.73 Mbit/s

95th percentile per-packet one-way delay: 37.485 ms

Loss rate: 0.67%

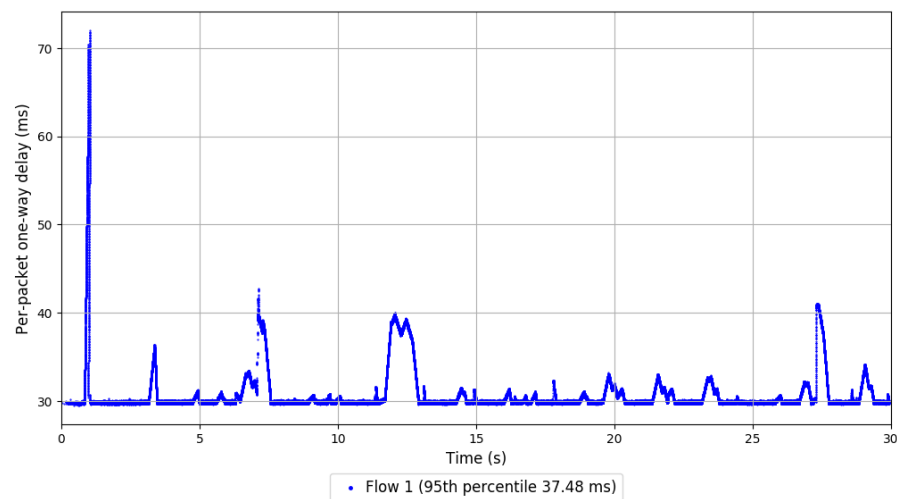
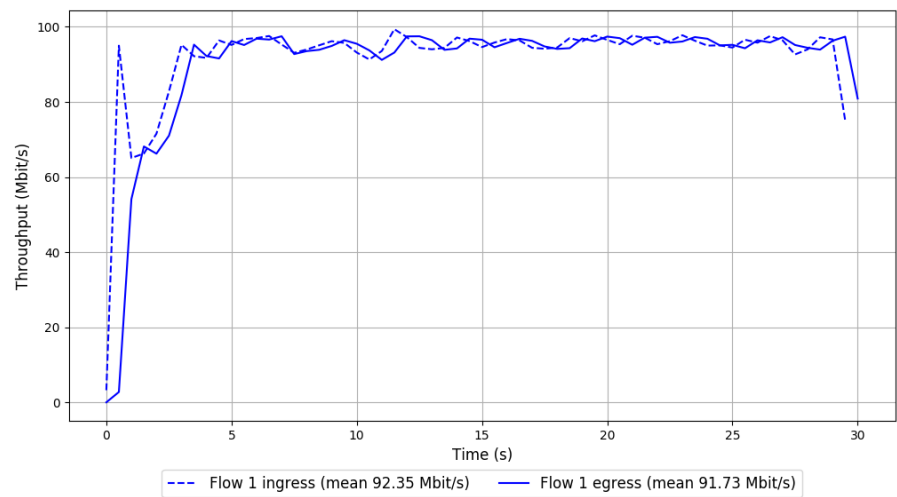
-- Flow 1:

Average throughput: 91.73 Mbit/s

95th percentile per-packet one-way delay: 37.485 ms

Loss rate: 0.67%

Run 2: Report of PCC-Allegro — Data Link



Run 3: Statistics of PCC-Allegro

Start at: 2018-05-24 04:10:07

End at: 2018-05-24 04:10:37

Local clock offset: 0.871 ms

Remote clock offset: -1.558 ms

Below is generated by plot.py at 2018-05-24 07:09:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.68 Mbit/s

95th percentile per-packet one-way delay: 35.061 ms

Loss rate: 0.65%

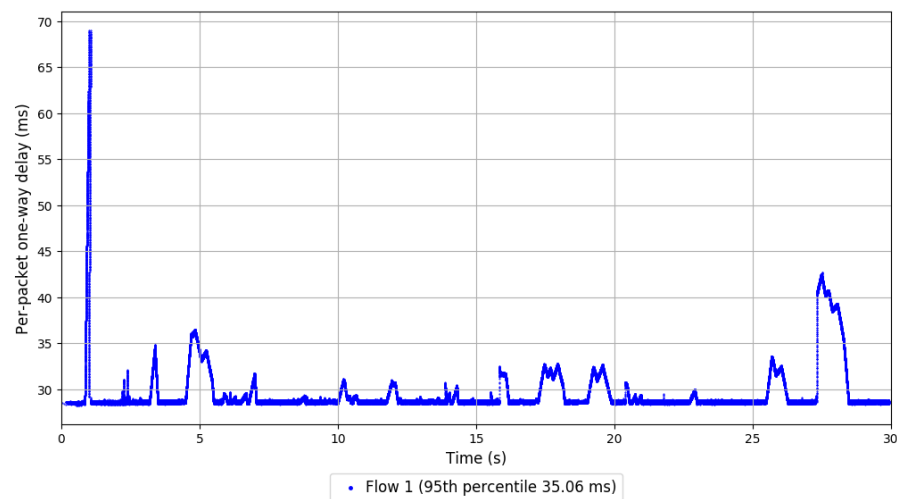
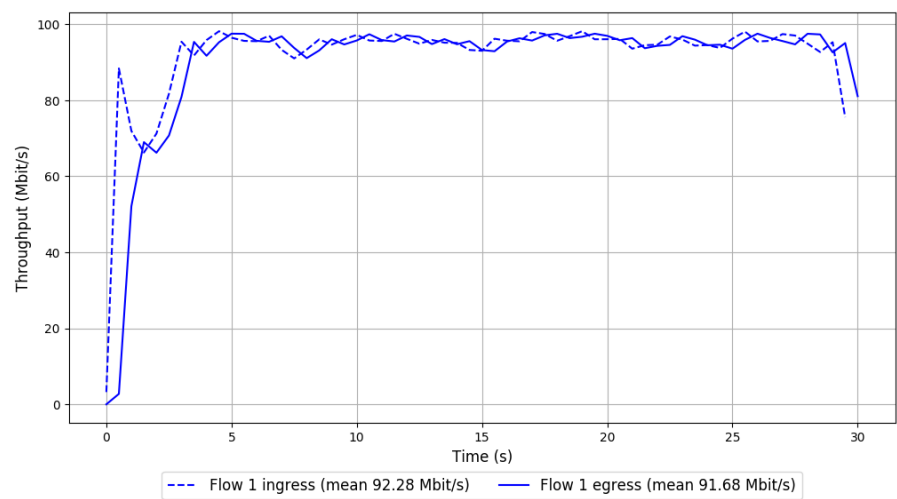
-- Flow 1:

Average throughput: 91.68 Mbit/s

95th percentile per-packet one-way delay: 35.061 ms

Loss rate: 0.65%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-05-24 04:30:57

End at: 2018-05-24 04:31:27

Local clock offset: 0.928 ms

Remote clock offset: -3.394 ms

Below is generated by plot.py at 2018-05-24 07:09:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.88 Mbit/s

95th percentile per-packet one-way delay: 36.093 ms

Loss rate: 0.66%

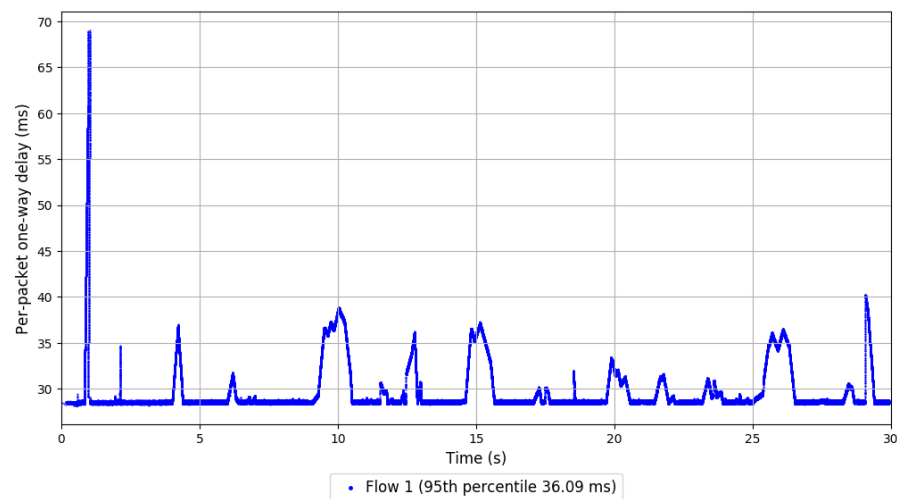
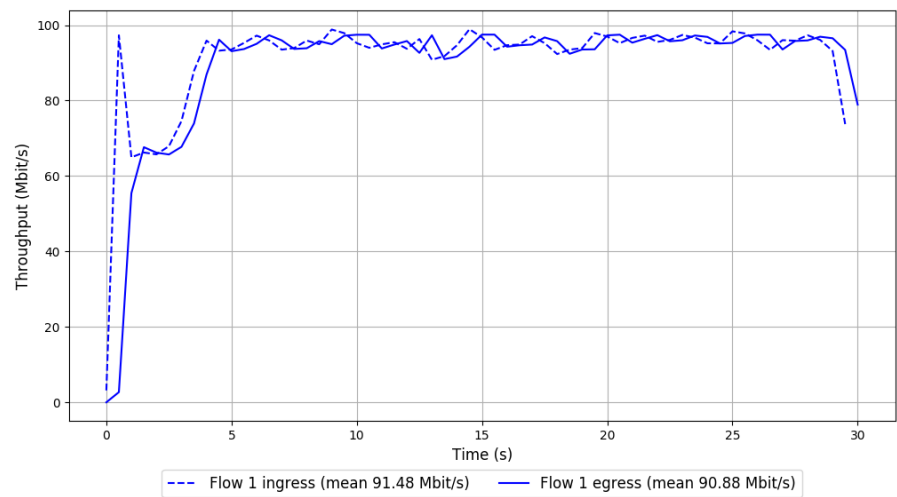
-- Flow 1:

Average throughput: 90.88 Mbit/s

95th percentile per-packet one-way delay: 36.093 ms

Loss rate: 0.66%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-05-24 04:51:46

End at: 2018-05-24 04:52:16

Local clock offset: 0.765 ms

Remote clock offset: 1.318 ms

Below is generated by plot.py at 2018-05-24 07:09:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.72 Mbit/s

95th percentile per-packet one-way delay: 33.623 ms

Loss rate: 0.58%

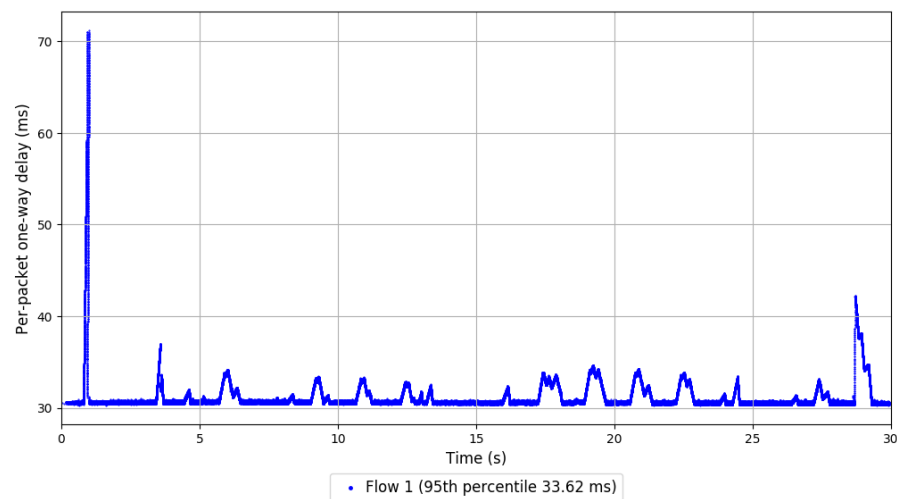
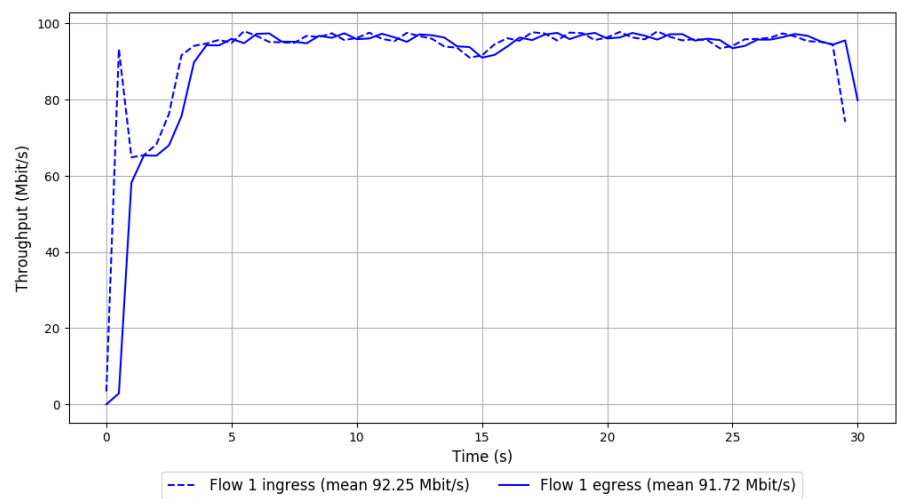
-- Flow 1:

Average throughput: 91.72 Mbit/s

95th percentile per-packet one-way delay: 33.623 ms

Loss rate: 0.58%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-05-24 05:12:29

End at: 2018-05-24 05:12:59

Local clock offset: 1.742 ms

Remote clock offset: 4.755 ms

Below is generated by plot.py at 2018-05-24 07:09:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.55 Mbit/s

95th percentile per-packet one-way delay: 35.316 ms

Loss rate: 0.62%

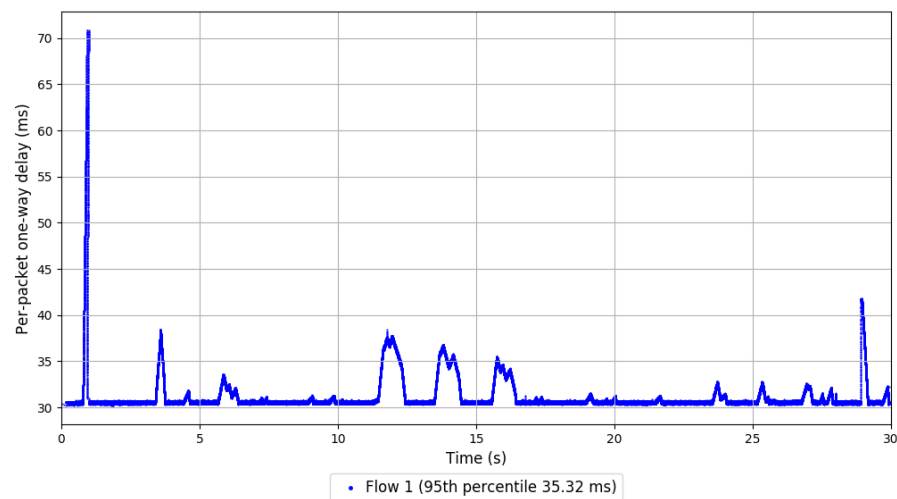
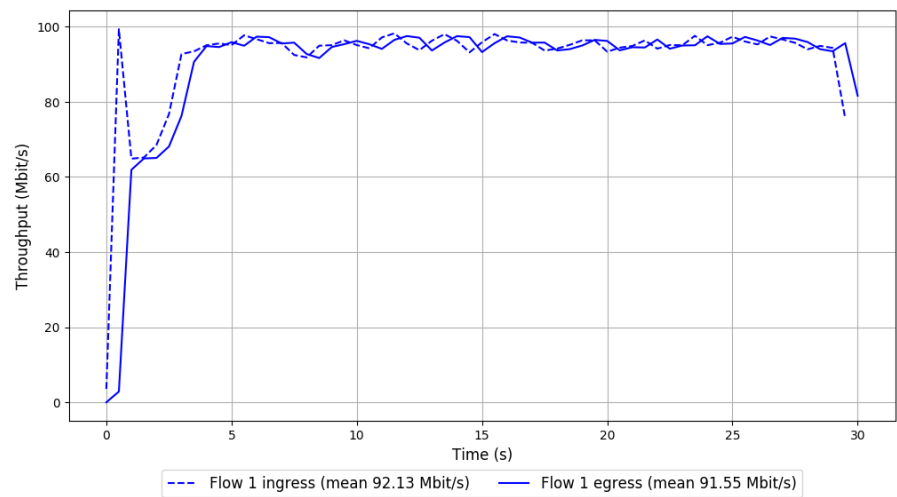
-- Flow 1:

Average throughput: 91.55 Mbit/s

95th percentile per-packet one-way delay: 35.316 ms

Loss rate: 0.62%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-05-24 05:33:38

End at: 2018-05-24 05:34:08

Local clock offset: 1.368 ms

Remote clock offset: 4.415 ms

Below is generated by plot.py at 2018-05-24 07:09:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.00 Mbit/s

95th percentile per-packet one-way delay: 34.175 ms

Loss rate: 0.65%

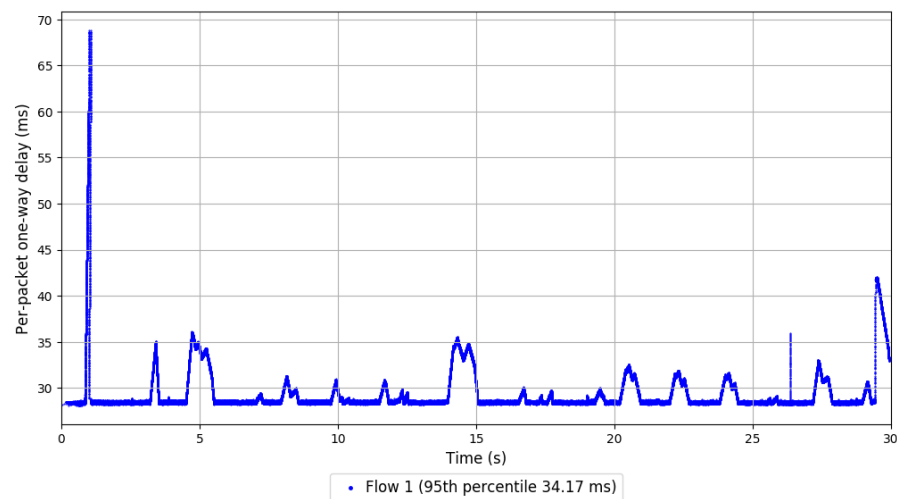
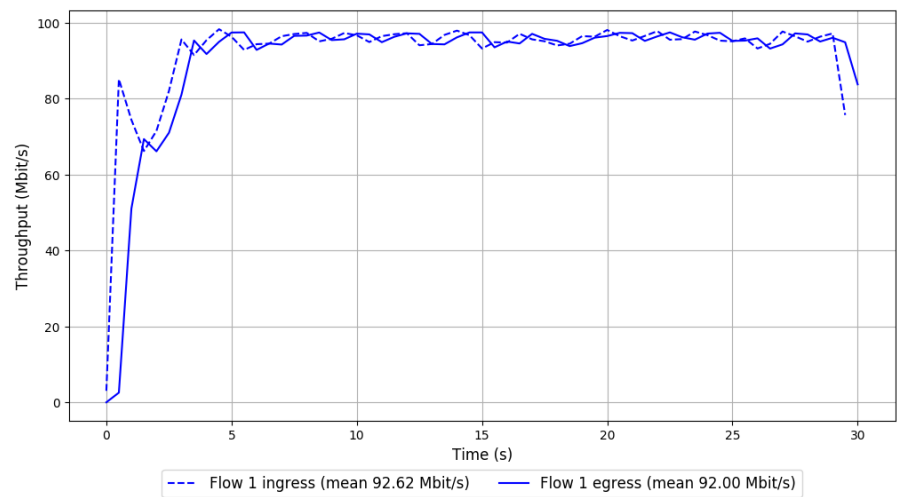
-- Flow 1:

Average throughput: 92.00 Mbit/s

95th percentile per-packet one-way delay: 34.175 ms

Loss rate: 0.65%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-05-24 05:54:25

End at: 2018-05-24 05:54:55

Local clock offset: 0.865 ms

Remote clock offset: 5.464 ms

Below is generated by plot.py at 2018-05-24 07:09:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.09 Mbit/s

95th percentile per-packet one-way delay: 32.412 ms

Loss rate: 0.66%

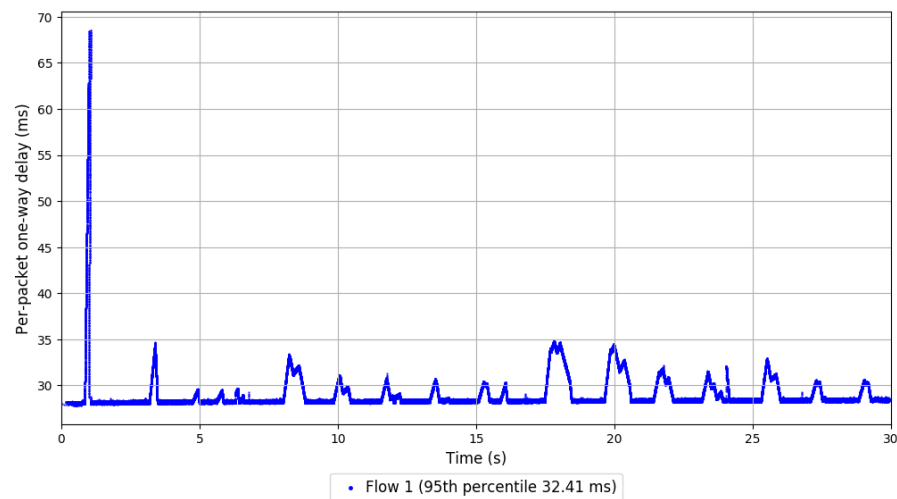
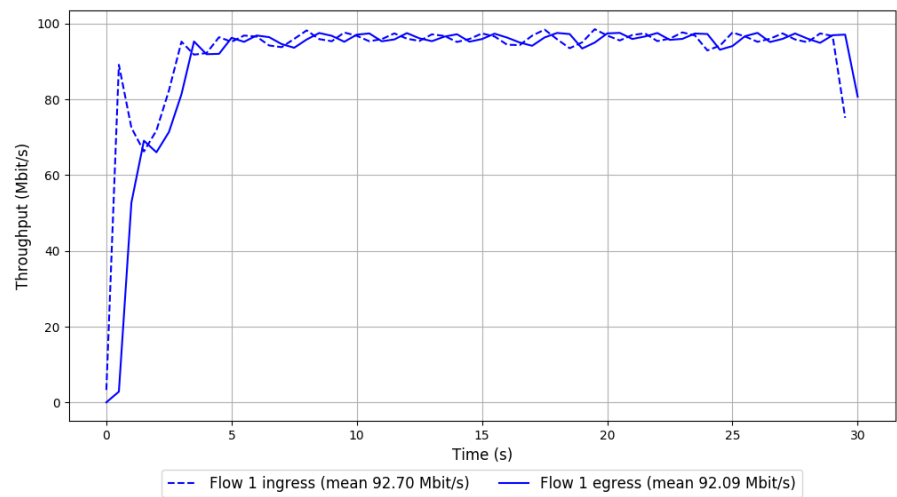
-- Flow 1:

Average throughput: 92.09 Mbit/s

95th percentile per-packet one-way delay: 32.412 ms

Loss rate: 0.66%

Run 8: Report of PCC-Allegro — Data Link



Run 9: Statistics of PCC-Allegro

Start at: 2018-05-24 06:15:05

End at: 2018-05-24 06:15:35

Local clock offset: 1.667 ms

Remote clock offset: 1.148 ms

Below is generated by plot.py at 2018-05-24 07:09:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.63 Mbit/s

95th percentile per-packet one-way delay: 34.508 ms

Loss rate: 0.63%

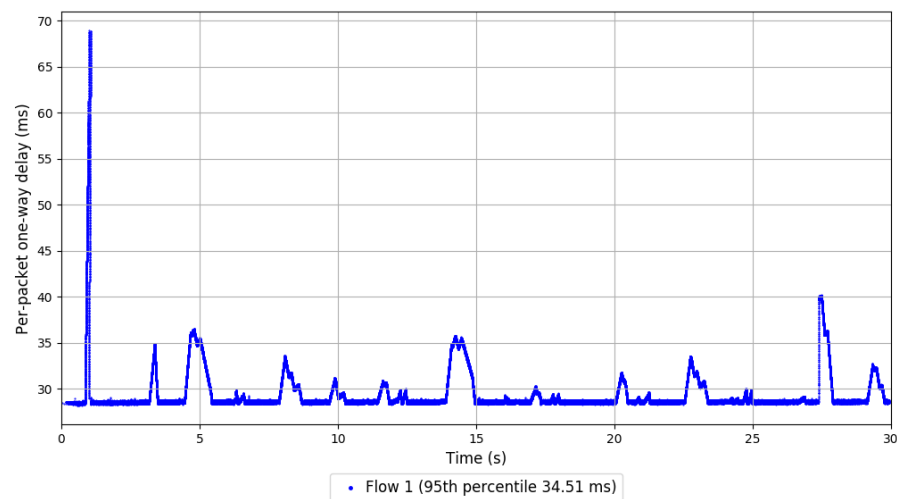
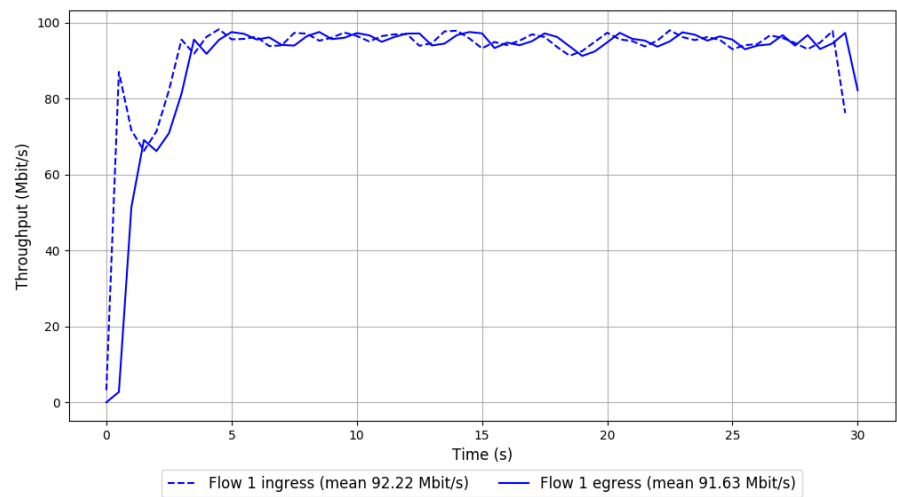
-- Flow 1:

Average throughput: 91.63 Mbit/s

95th percentile per-packet one-way delay: 34.508 ms

Loss rate: 0.63%

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

Start at: 2018-05-24 06:35:54

End at: 2018-05-24 06:36:24

Local clock offset: 0.882 ms

Remote clock offset: 2.77 ms

Below is generated by plot.py at 2018-05-24 07:09:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.08 Mbit/s

95th percentile per-packet one-way delay: 37.809 ms

Loss rate: 0.67%

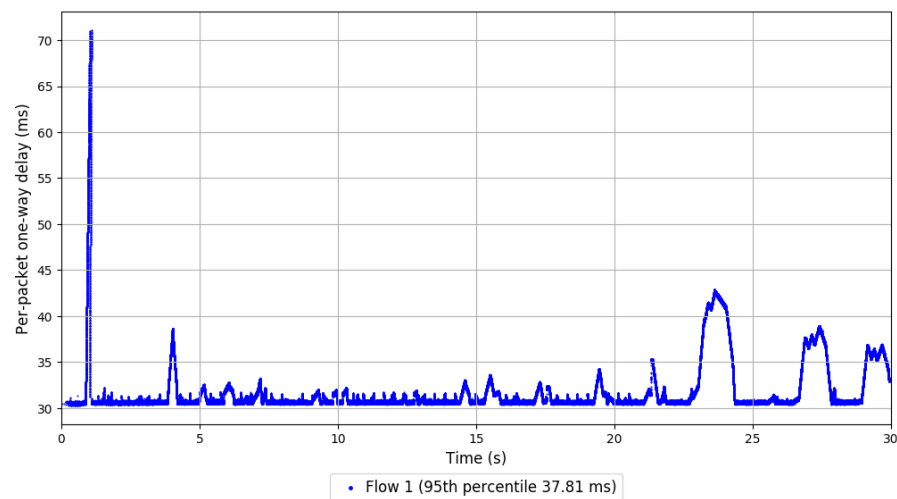
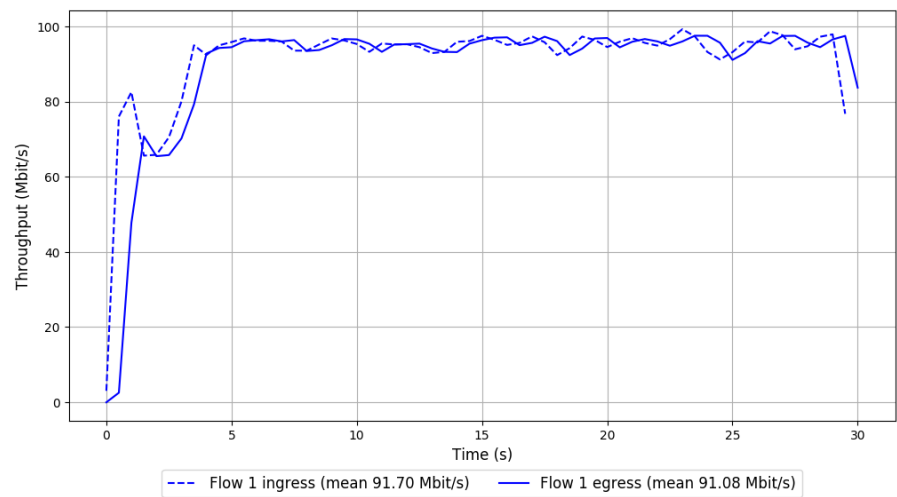
-- Flow 1:

Average throughput: 91.08 Mbit/s

95th percentile per-packet one-way delay: 37.809 ms

Loss rate: 0.67%

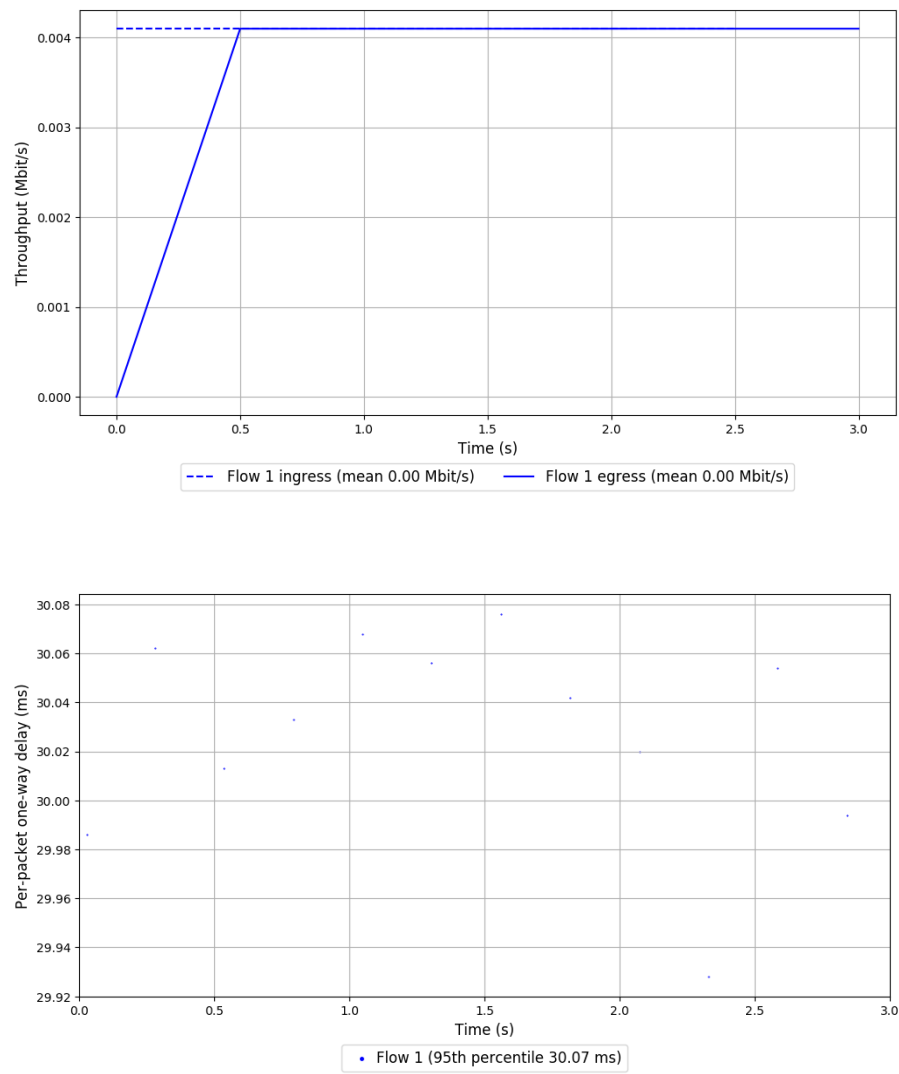
Run 10: Report of PCC-Allegro — Data Link



Run 1: Statistics of PCC-Expr

Start at: 2018-05-24 03:37:40
End at: 2018-05-24 03:38:10
Local clock offset: 0.84 ms
Remote clock offset: -1.659 ms

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

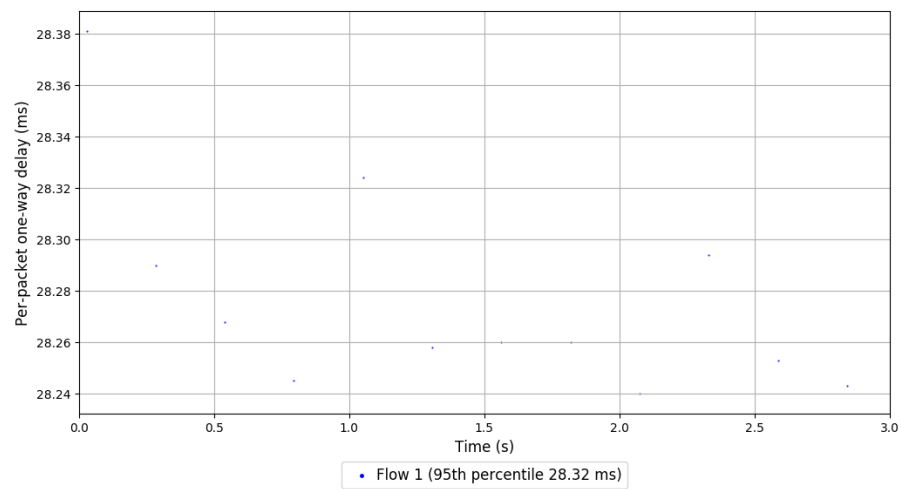
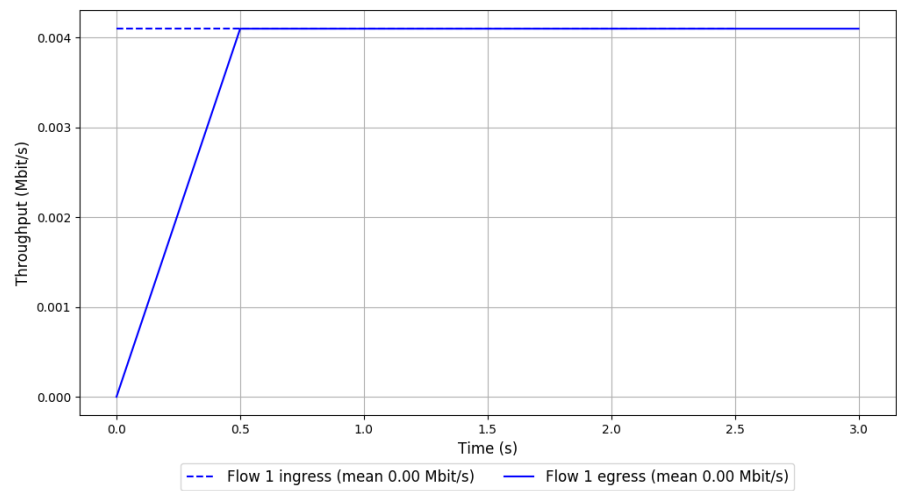
Start at: 2018-05-24 03:58:27

End at: 2018-05-24 03:58:57

Local clock offset: 0.87 ms

Remote clock offset: -1.741 ms

Run 2: Report of PCC-Expr — Data Link



Run 3: Statistics of PCC-Expr

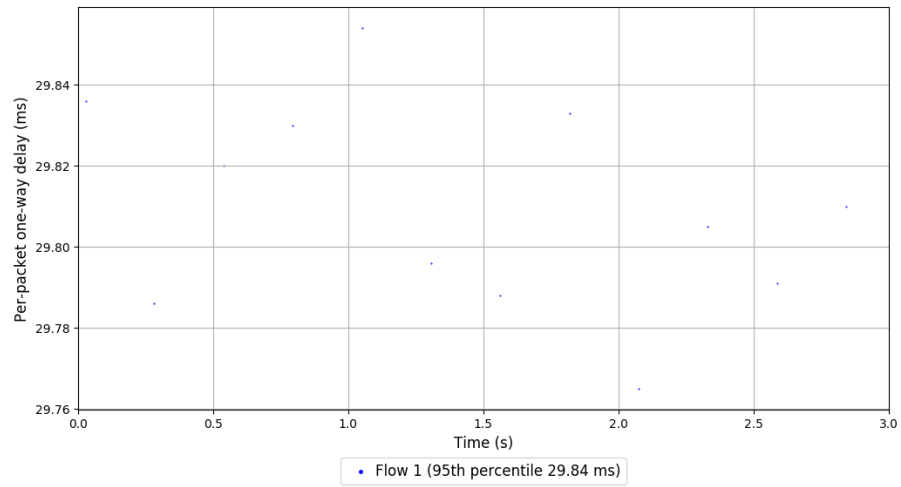
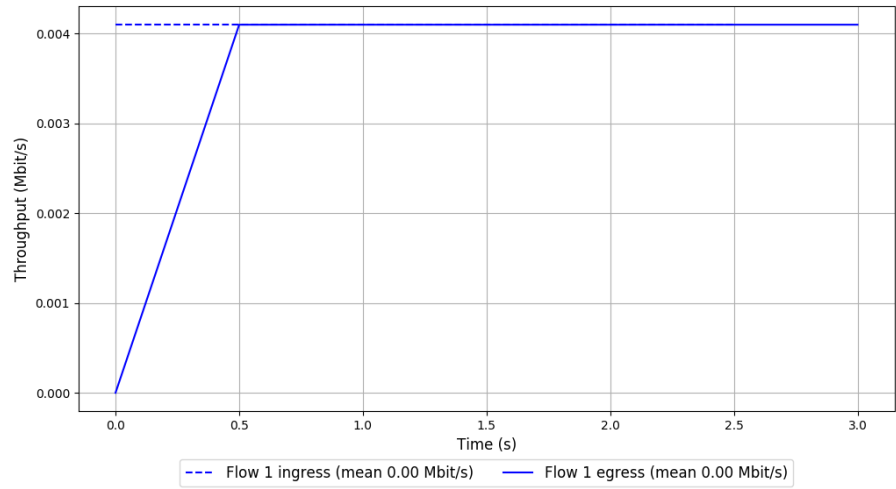
Start at: 2018-05-24 04:19:13

End at: 2018-05-24 04:19:43

Local clock offset: 0.906 ms

Remote clock offset: -0.595 ms

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

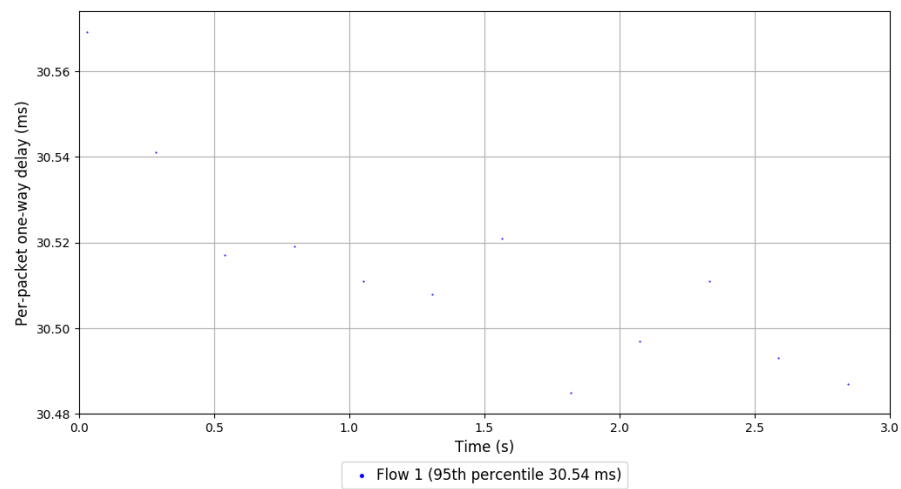
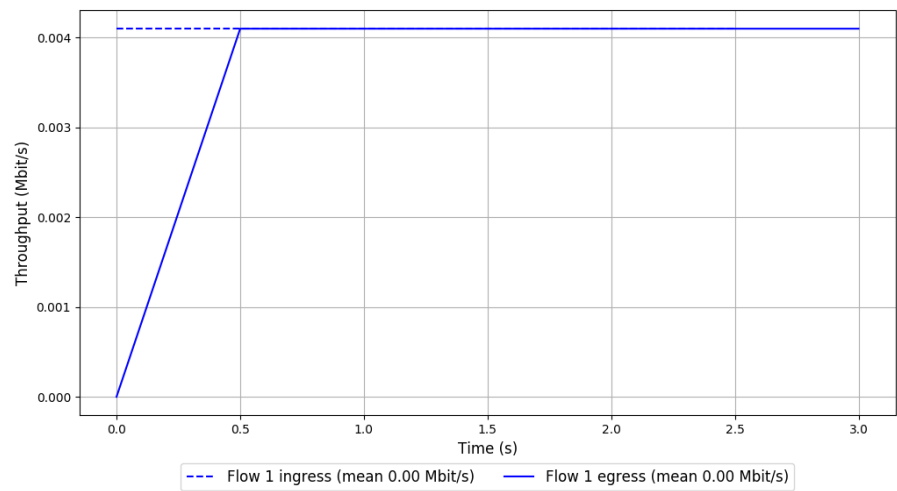
Start at: 2018-05-24 04:40:05

End at: 2018-05-24 04:40:35

Local clock offset: 0.88 ms

Remote clock offset: -1.592 ms

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

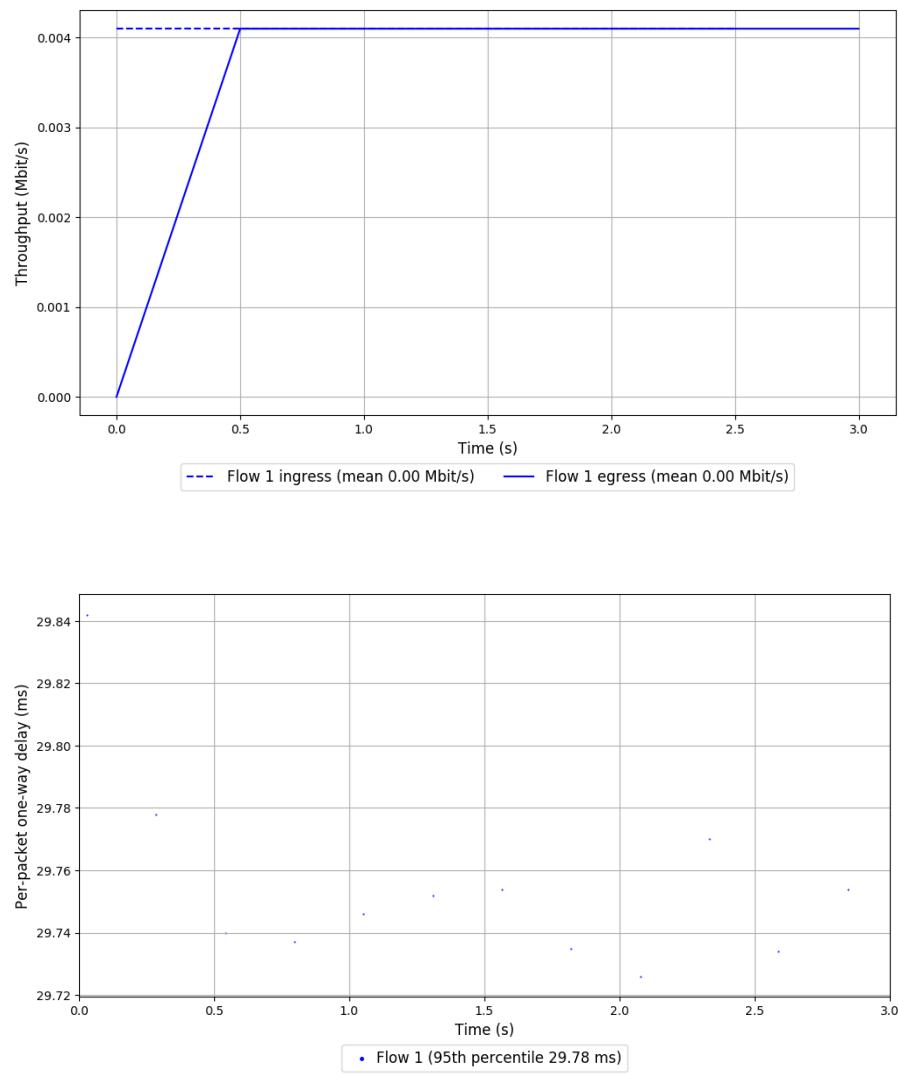
Start at: 2018-05-24 05:00:51

End at: 2018-05-24 05:01:21

Local clock offset: 1.166 ms

Remote clock offset: 3.339 ms

Run 5: Report of PCC-Expr — Data Link



Run 6: Statistics of PCC-Expr

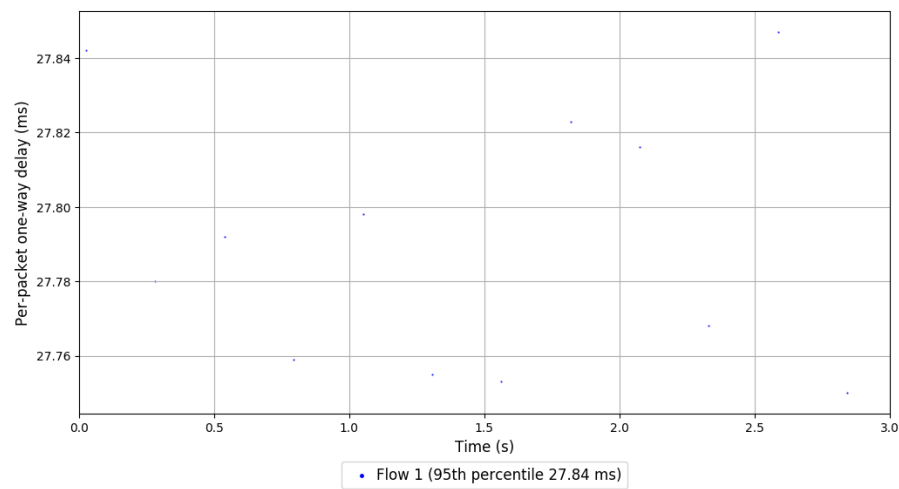
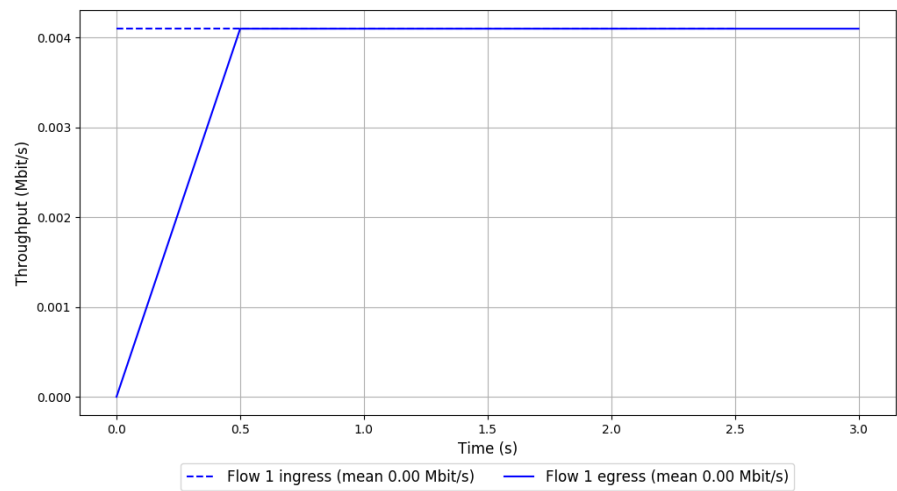
Start at: 2018-05-24 05:21:51

End at: 2018-05-24 05:22:21

Local clock offset: 1.81 ms

Remote clock offset: 3.521 ms

Run 6: Report of PCC-Expr — Data Link



Run 7: Statistics of PCC-Expr

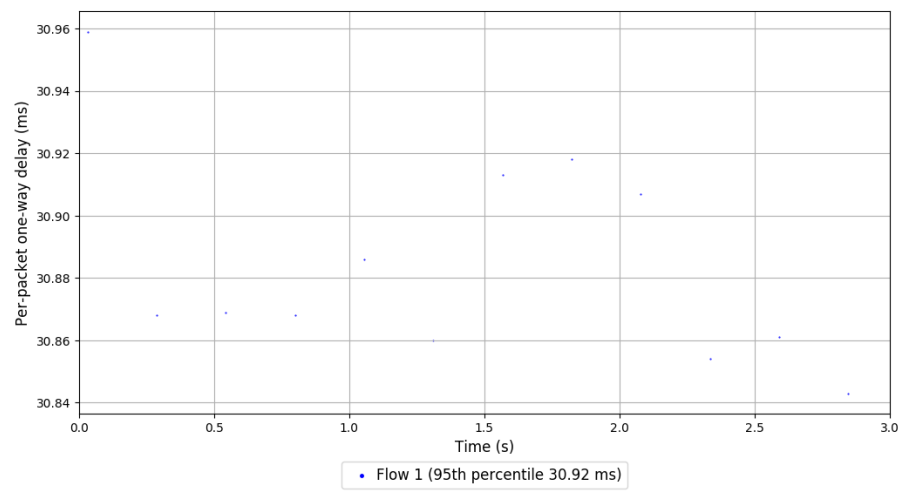
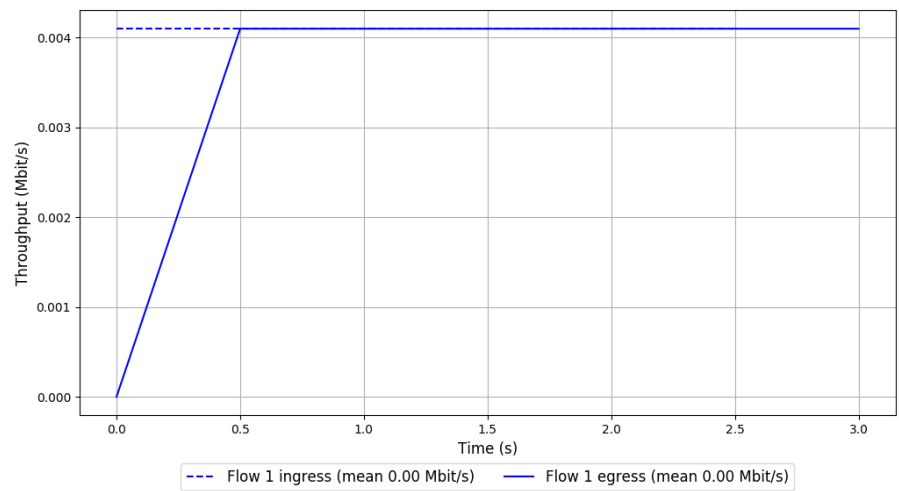
Start at: 2018-05-24 05:42:47

End at: 2018-05-24 05:43:17

Local clock offset: 1.055 ms

Remote clock offset: 7.66 ms

Run 7: Report of PCC-Expr — Data Link



Run 8: Statistics of PCC-Expr

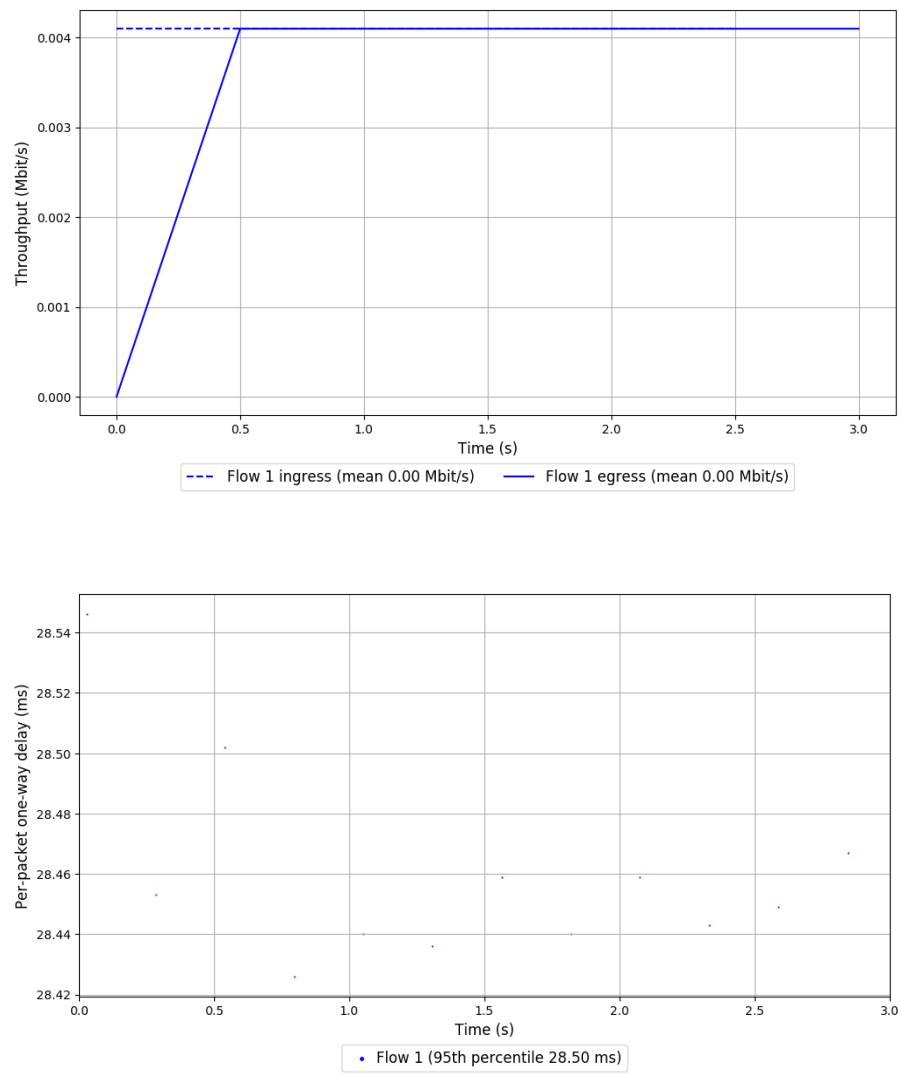
Start at: 2018-05-24 06:03:28

End at: 2018-05-24 06:03:58

Local clock offset: 1.308 ms

Remote clock offset: 2.398 ms

Run 8: Report of PCC-Expr — Data Link



Run 9: Statistics of PCC-Expr

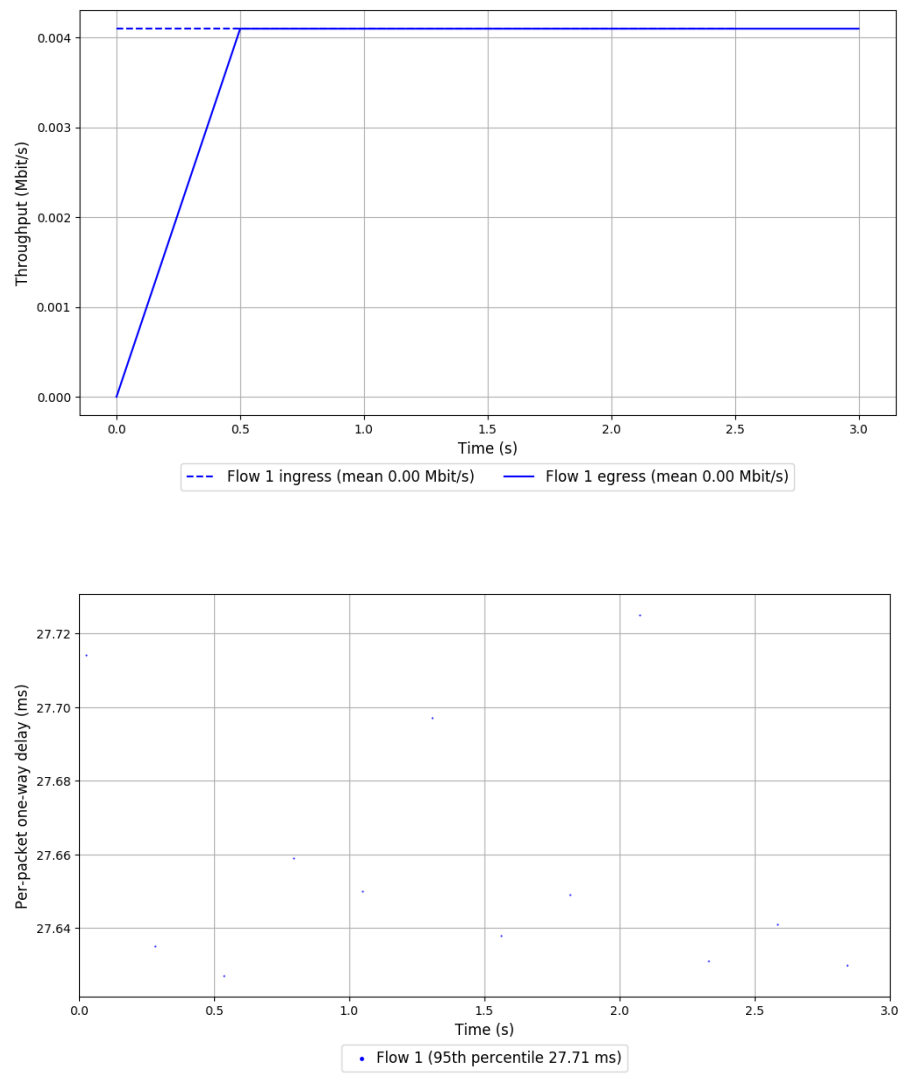
Start at: 2018-05-24 06:24:11

End at: 2018-05-24 06:24:41

Local clock offset: 1.696 ms

Remote clock offset: 0.649 ms

Run 9: Report of PCC-Expr — Data Link



Run 10: Statistics of PCC-Expr

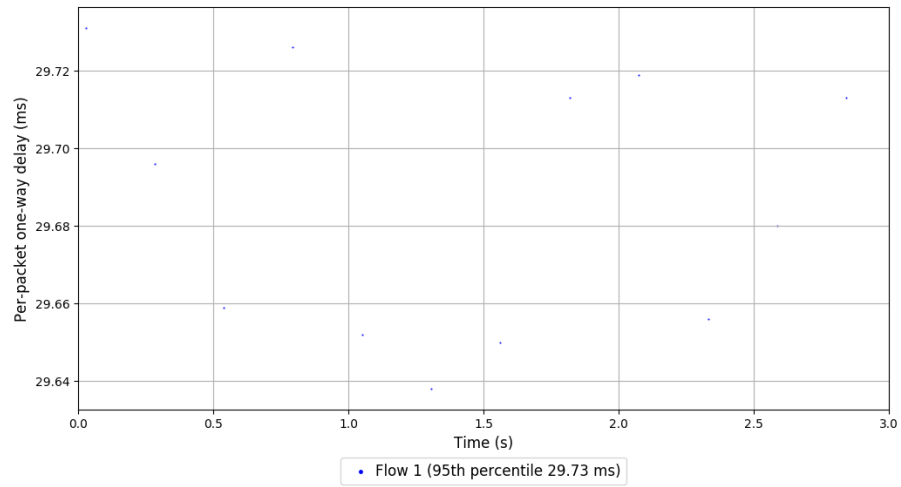
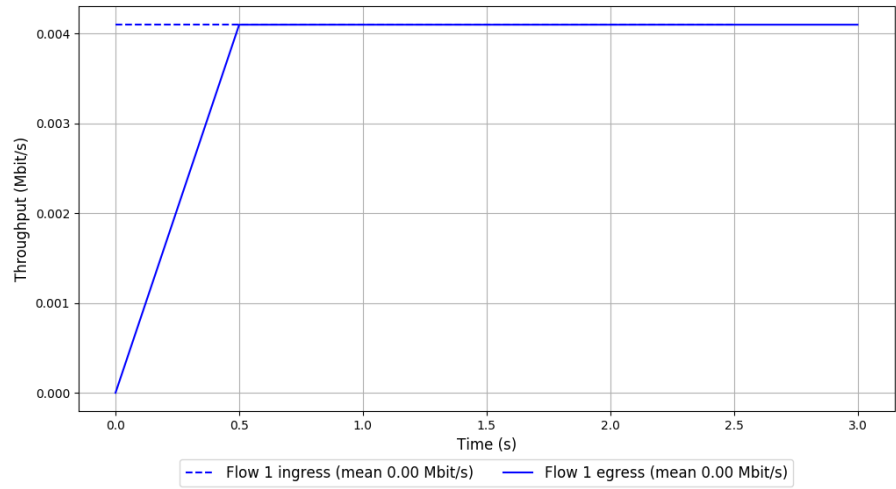
Start at: 2018-05-24 06:45:00

End at: 2018-05-24 06:45:30

Local clock offset: 0.67 ms

Remote clock offset: 2.661 ms

Run 10: Report of PCC-Expr — Data Link



Run 1: Statistics of QUIC Cubic

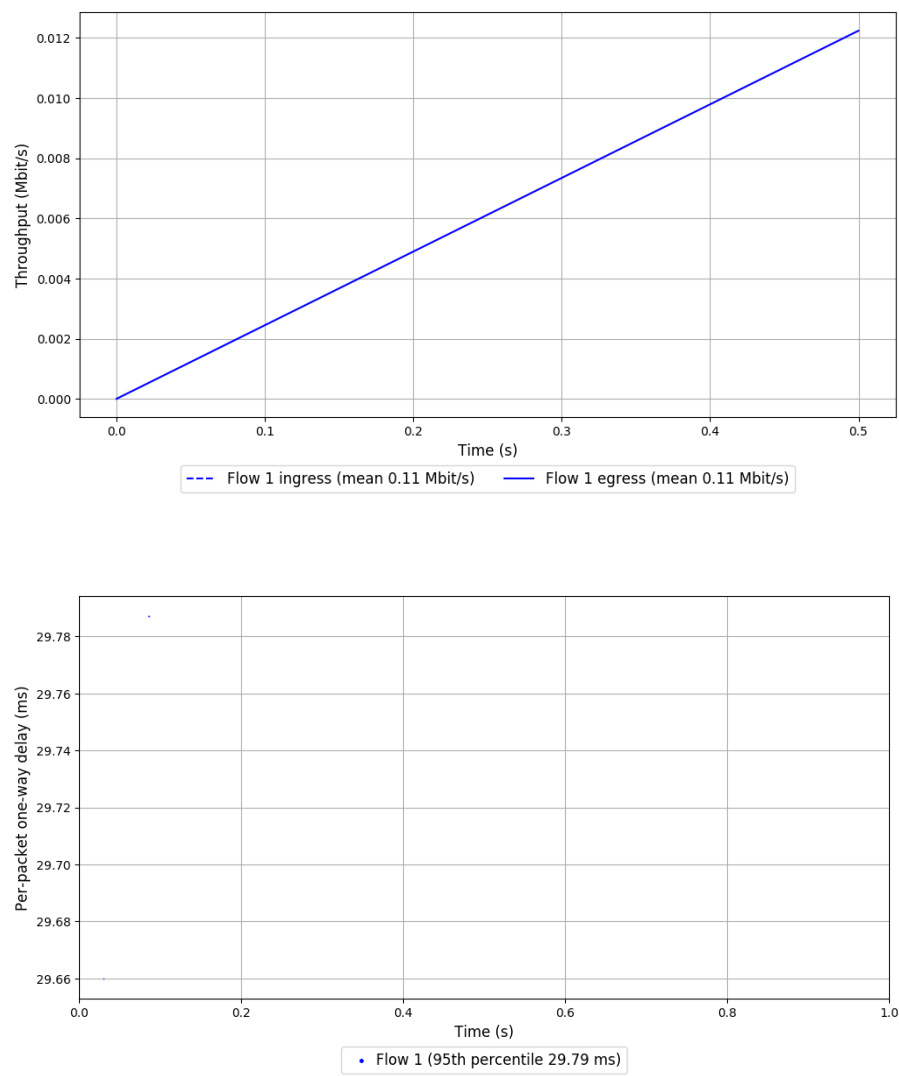
Start at: 2018-05-24 03:42:49

End at: 2018-05-24 03:43:19

Local clock offset: 0.744 ms

Remote clock offset: -0.761 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-05-24 04:03:34

End at: 2018-05-24 04:04:04

Local clock offset: 0.821 ms

Remote clock offset: 0.404 ms

Below is generated by plot.py at 2018-05-24 07:10:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.28 Mbit/s

95th percentile per-packet one-way delay: 65.569 ms

Loss rate: 1.03%

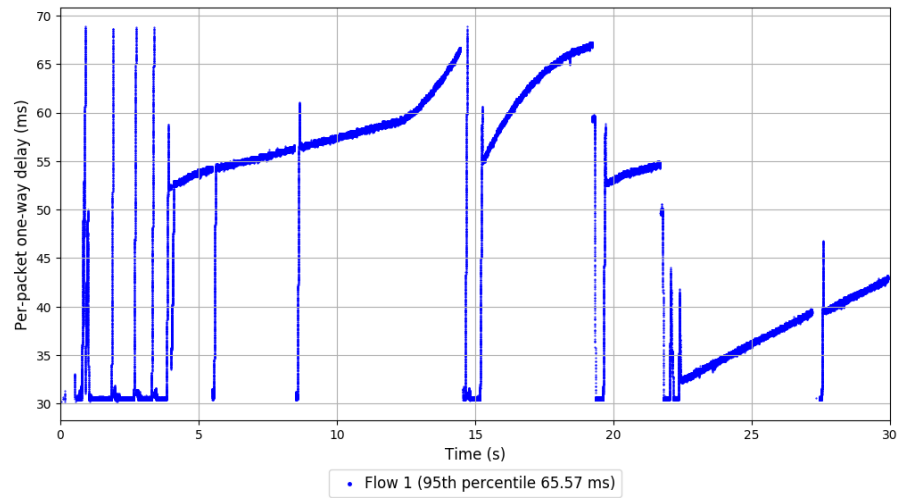
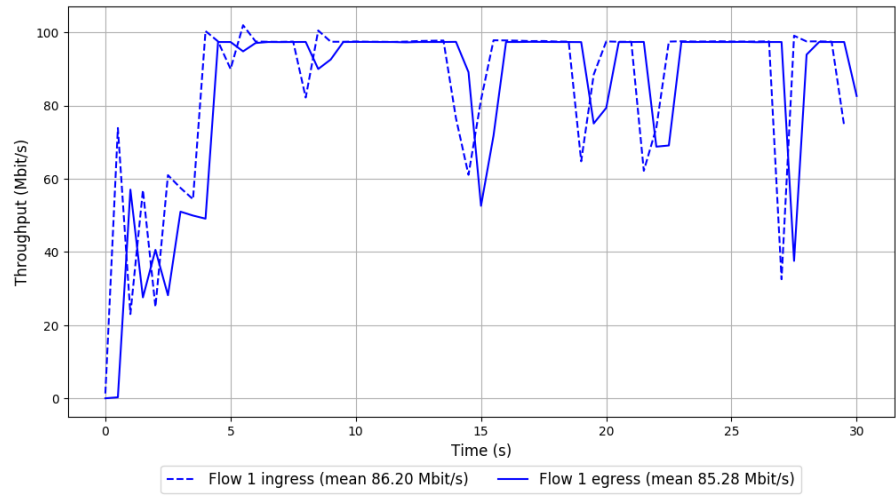
-- Flow 1:

Average throughput: 85.28 Mbit/s

95th percentile per-packet one-way delay: 65.569 ms

Loss rate: 1.03%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-05-24 04:24:24

End at: 2018-05-24 04:24:54

Local clock offset: 0.922 ms

Remote clock offset: -3.06 ms

Below is generated by plot.py at 2018-05-24 07:10:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.19 Mbit/s

95th percentile per-packet one-way delay: 59.473 ms

Loss rate: 1.08%

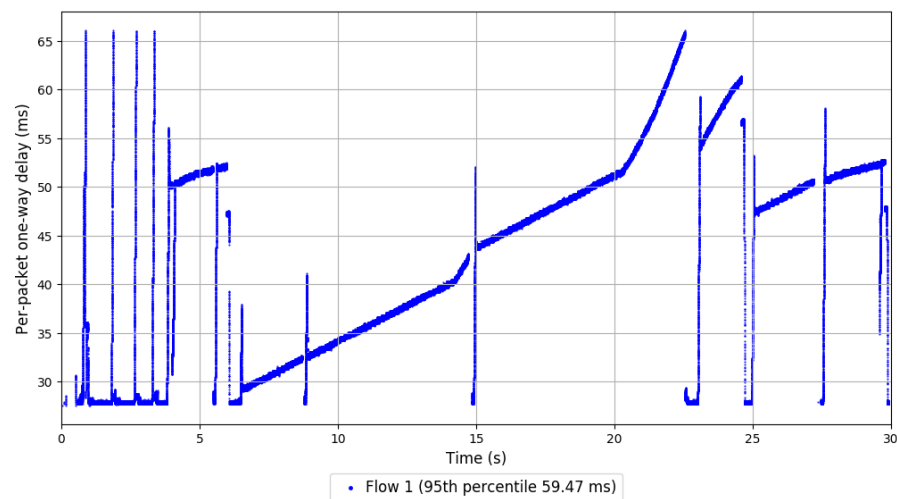
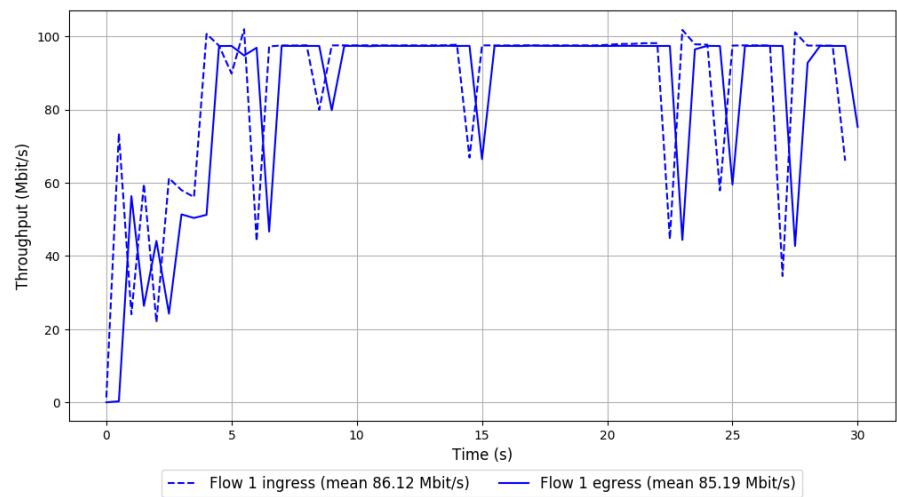
-- Flow 1:

Average throughput: 85.19 Mbit/s

95th percentile per-packet one-way delay: 59.473 ms

Loss rate: 1.08%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-05-24 04:45:13

End at: 2018-05-24 04:45:43

Local clock offset: 0.859 ms

Remote clock offset: -3.95 ms

Below is generated by plot.py at 2018-05-24 07:10:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.63 Mbit/s

95th percentile per-packet one-way delay: 57.662 ms

Loss rate: 1.10%

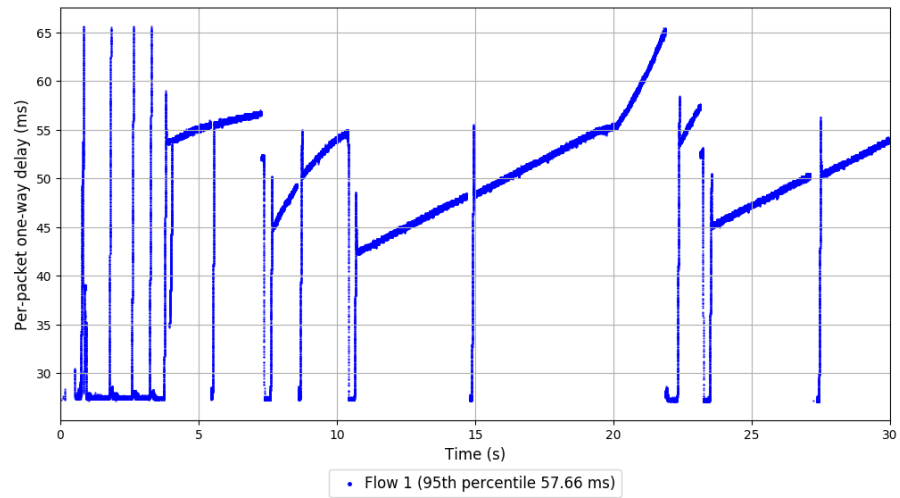
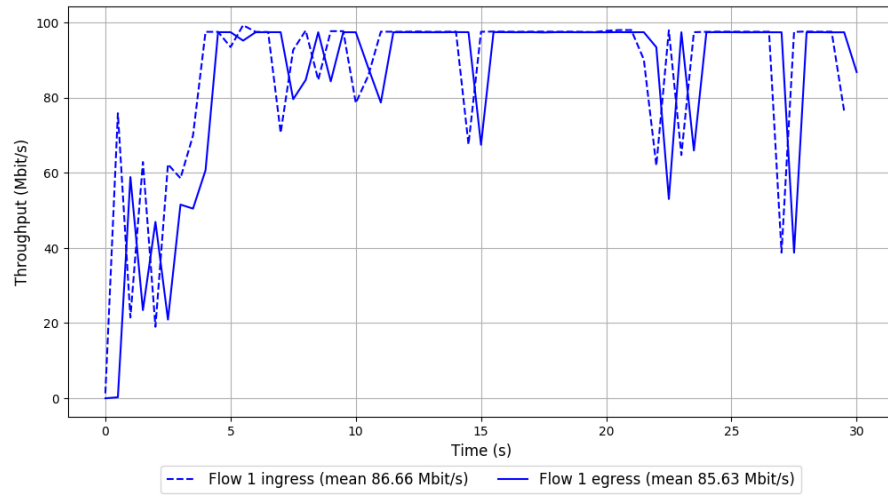
-- Flow 1:

Average throughput: 85.63 Mbit/s

95th percentile per-packet one-way delay: 57.662 ms

Loss rate: 1.10%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-05-24 05:05:57

End at: 2018-05-24 05:06:27

Local clock offset: 1.516 ms

Remote clock offset: 1.981 ms

Below is generated by plot.py at 2018-05-24 07:10:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.48 Mbit/s

95th percentile per-packet one-way delay: 65.182 ms

Loss rate: 1.16%

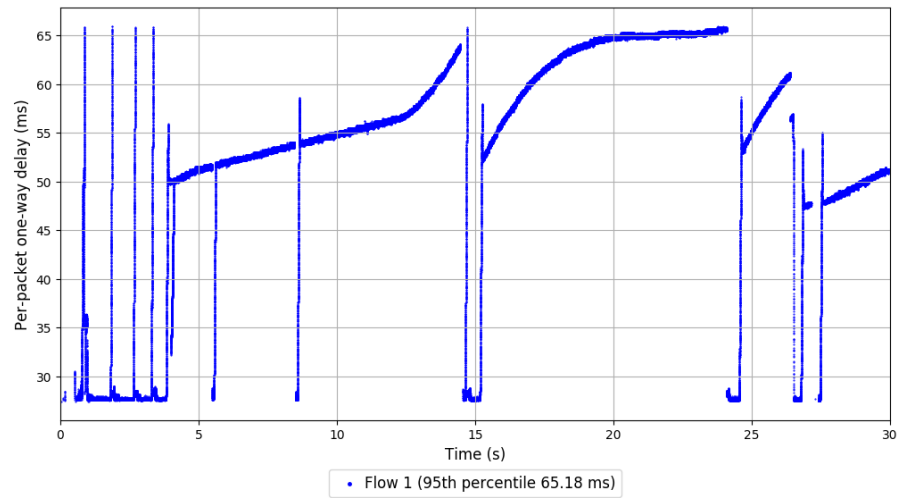
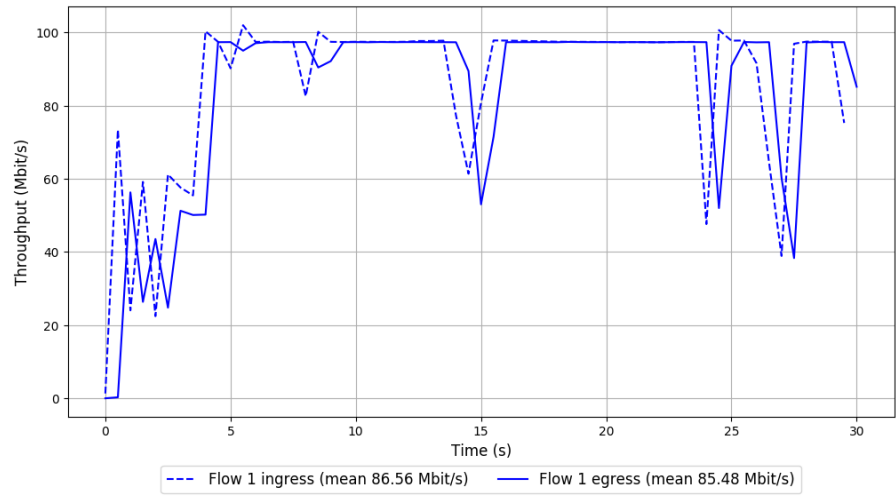
-- Flow 1:

Average throughput: 85.48 Mbit/s

95th percentile per-packet one-way delay: 65.182 ms

Loss rate: 1.16%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-05-24 05:26:59

End at: 2018-05-24 05:27:29

Local clock offset: 1.772 ms

Remote clock offset: 5.932 ms

Below is generated by plot.py at 2018-05-24 07:10:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.33 Mbit/s

95th percentile per-packet one-way delay: 66.668 ms

Loss rate: 1.21%

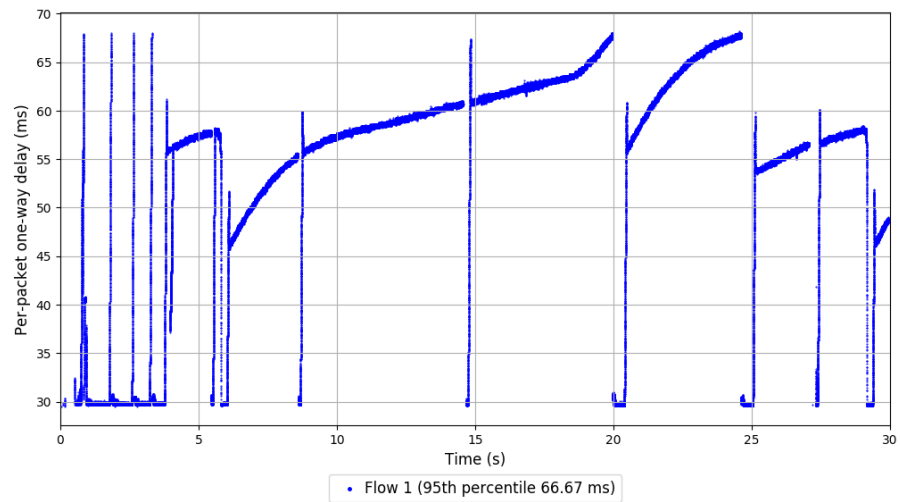
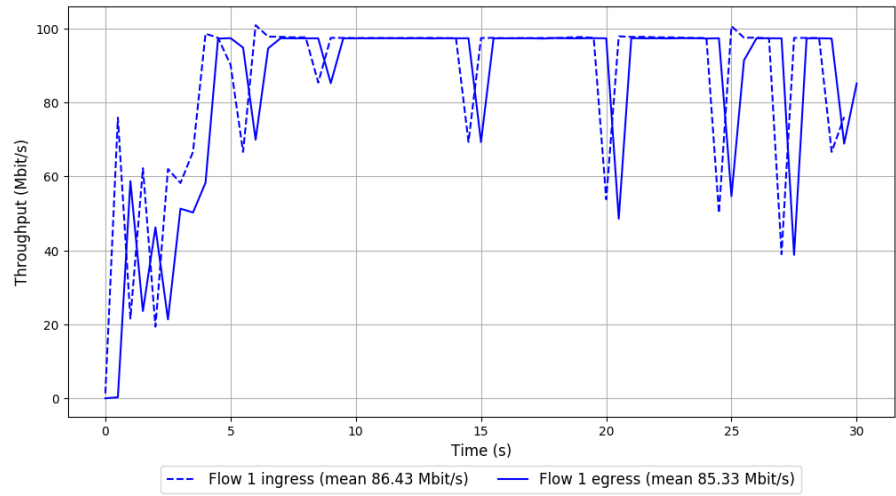
-- Flow 1:

Average throughput: 85.33 Mbit/s

95th percentile per-packet one-way delay: 66.668 ms

Loss rate: 1.21%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-05-24 05:47:53

End at: 2018-05-24 05:48:23

Local clock offset: 0.875 ms

Remote clock offset: 7.563 ms

Below is generated by plot.py at 2018-05-24 07:11:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.73 Mbit/s

95th percentile per-packet one-way delay: 63.857 ms

Loss rate: 1.17%

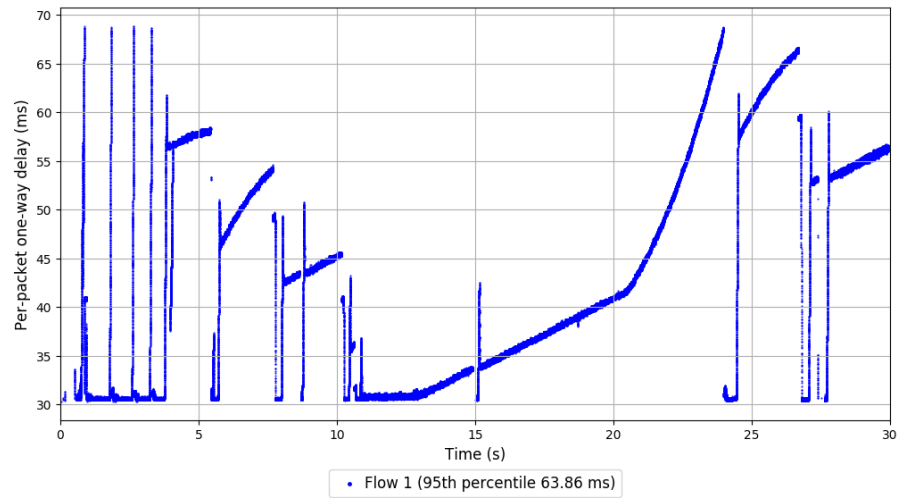
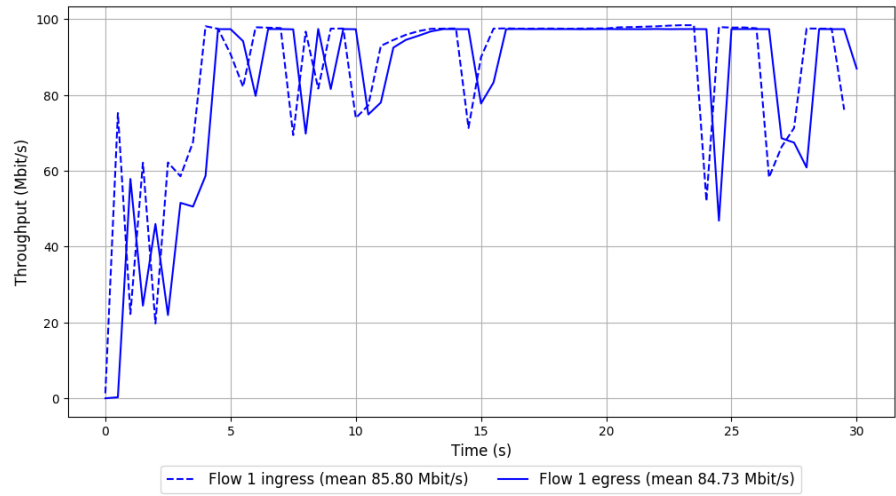
-- Flow 1:

Average throughput: 84.73 Mbit/s

95th percentile per-packet one-way delay: 63.857 ms

Loss rate: 1.17%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-05-24 06:08:33

End at: 2018-05-24 06:09:03

Local clock offset: 1.554 ms

Remote clock offset: 1.702 ms

Below is generated by plot.py at 2018-05-24 07:11:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.51 Mbit/s

95th percentile per-packet one-way delay: 58.742 ms

Loss rate: 0.94%

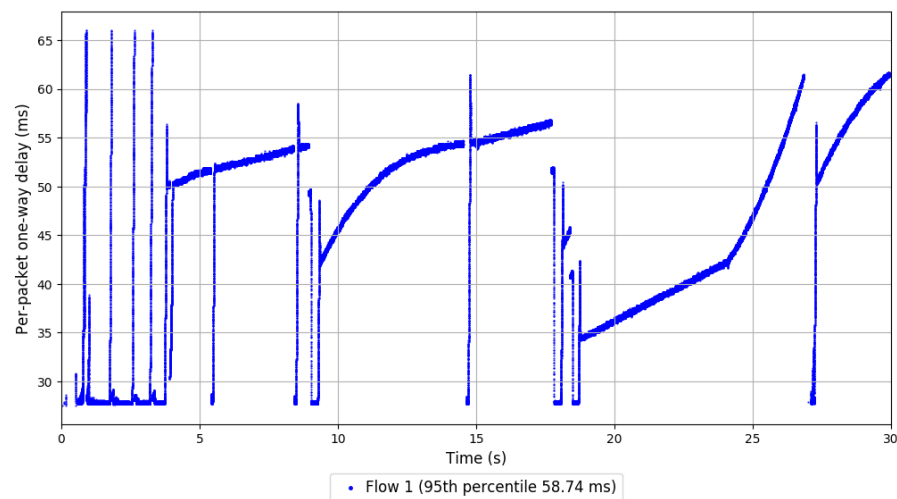
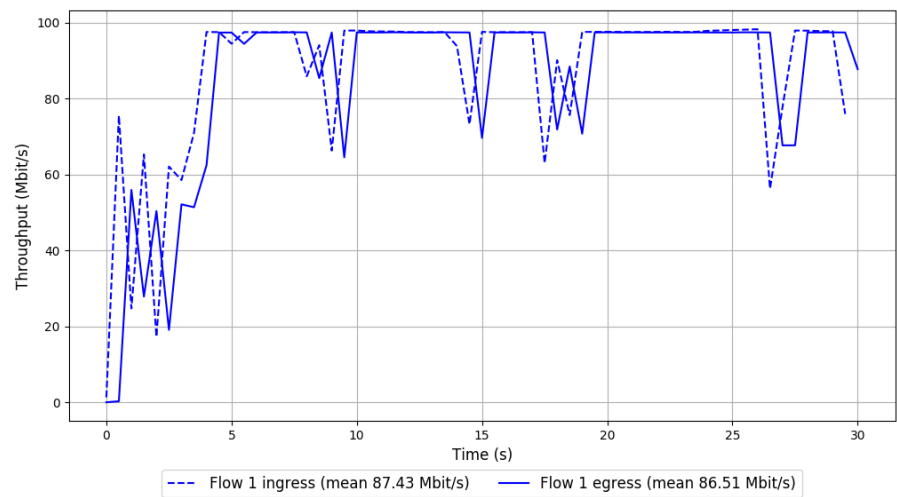
-- Flow 1:

Average throughput: 86.51 Mbit/s

95th percentile per-packet one-way delay: 58.742 ms

Loss rate: 0.94%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-05-24 06:29:19

End at: 2018-05-24 06:29:49

Local clock offset: 1.319 ms

Remote clock offset: 2.715 ms

Below is generated by plot.py at 2018-05-24 07:11:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.13 Mbit/s

95th percentile per-packet one-way delay: 66.488 ms

Loss rate: 1.12%

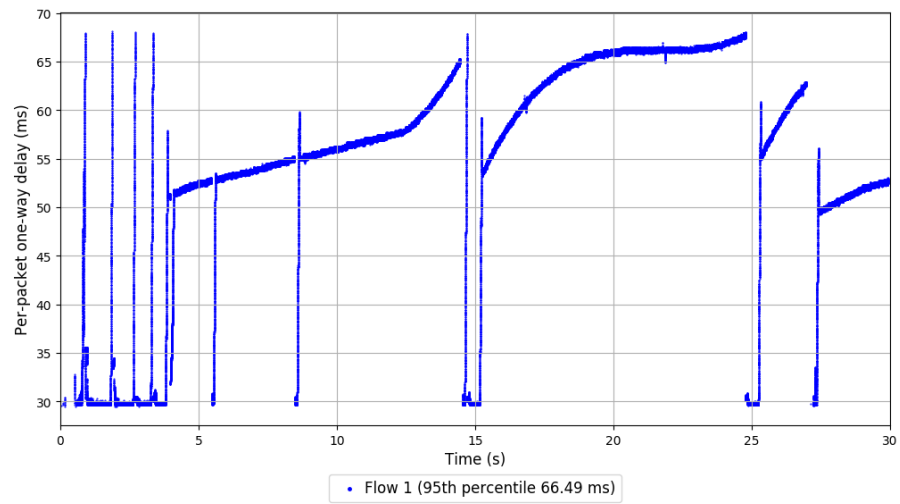
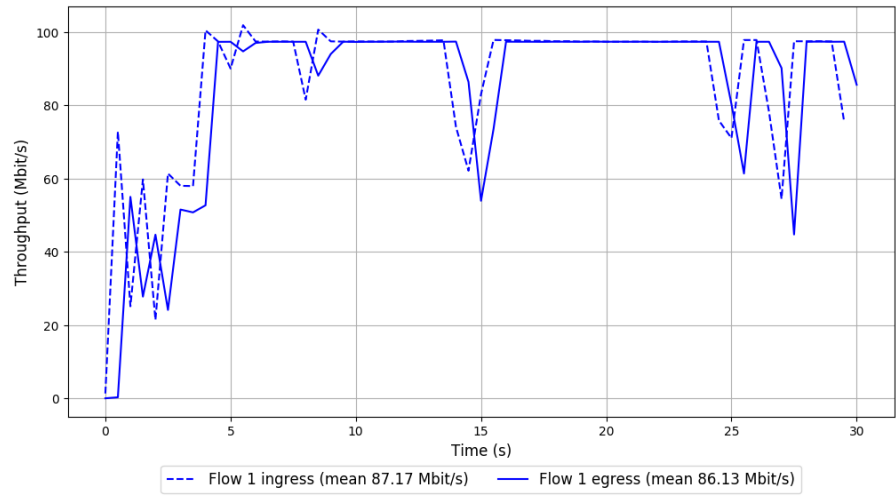
-- Flow 1:

Average throughput: 86.13 Mbit/s

95th percentile per-packet one-way delay: 66.488 ms

Loss rate: 1.12%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-05-24 06:50:06

End at: 2018-05-24 06:50:36

Local clock offset: 0.582 ms

Remote clock offset: 3.068 ms

Below is generated by plot.py at 2018-05-24 07:11:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.44 Mbit/s

95th percentile per-packet one-way delay: 62.868 ms

Loss rate: 1.02%

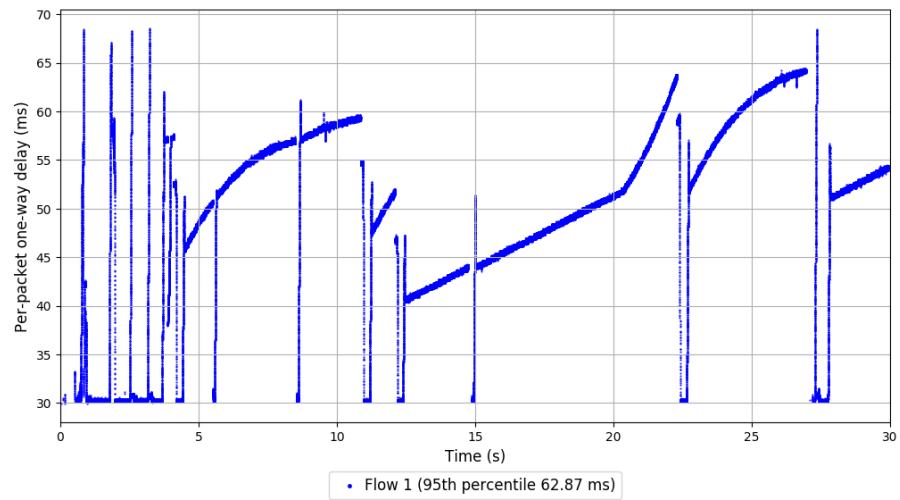
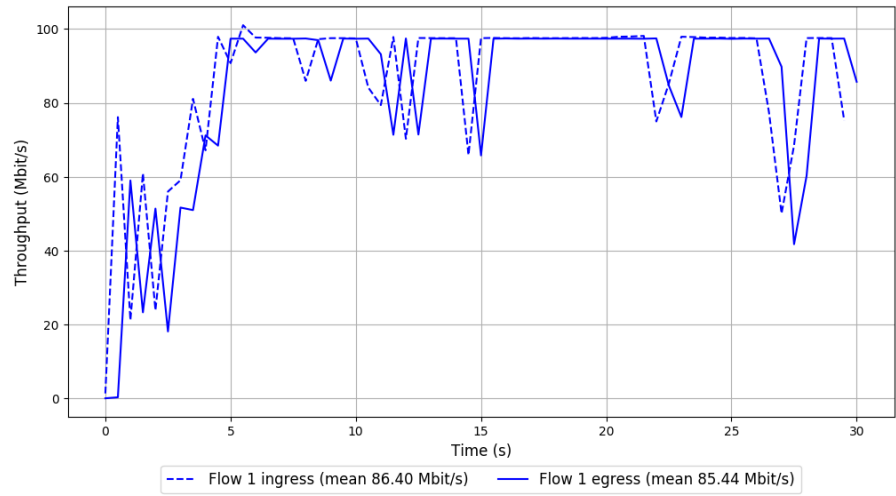
-- Flow 1:

Average throughput: 85.44 Mbit/s

95th percentile per-packet one-way delay: 62.868 ms

Loss rate: 1.02%

Run 10: Report of QUIC Cubic — Data Link

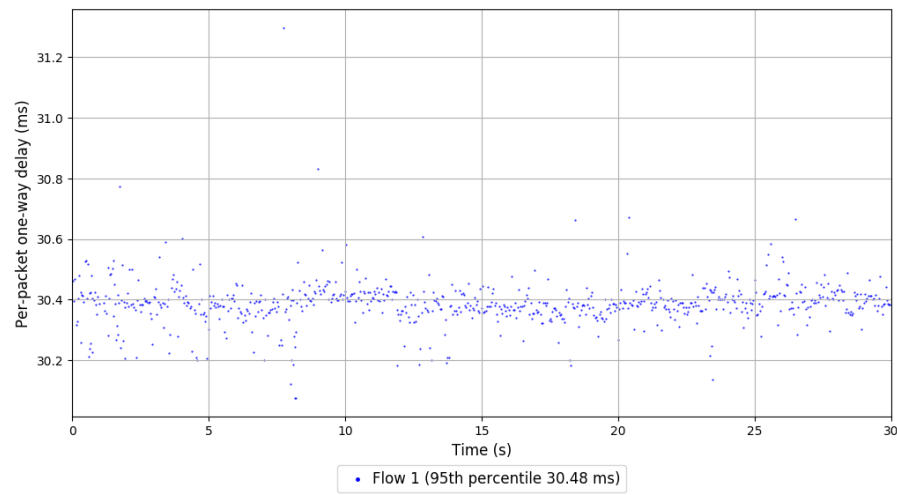
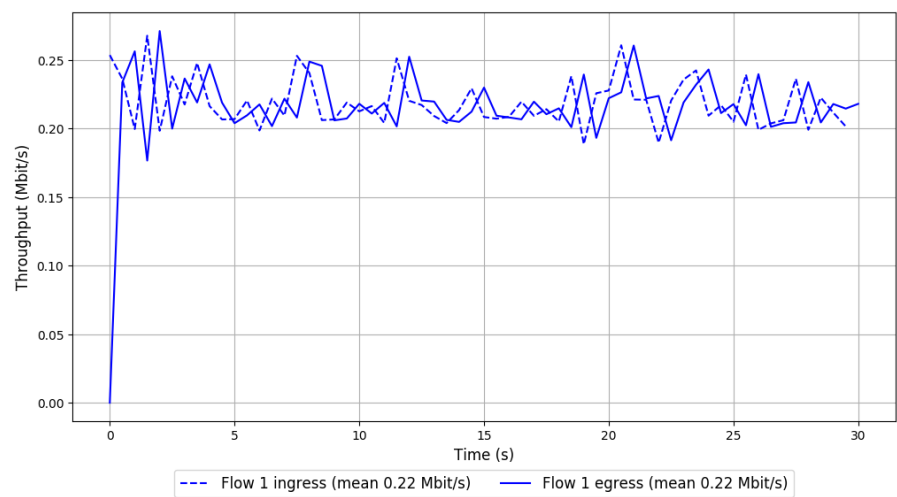


```
Run 1: Statistics of SCReAM

Start at: 2018-05-24 03:48:05
End at: 2018-05-24 03:48:35
Local clock offset: 0.708 ms
Remote clock offset: 0.344 ms

# Below is generated by plot.py at 2018-05-24 07:11:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.482 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 30.482 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2018-05-24 04:08:52

End at: 2018-05-24 04:09:22

Local clock offset: 0.952 ms

Remote clock offset: 0.932 ms

Below is generated by plot.py at 2018-05-24 07:11:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 31.027 ms

Loss rate: 0.00%

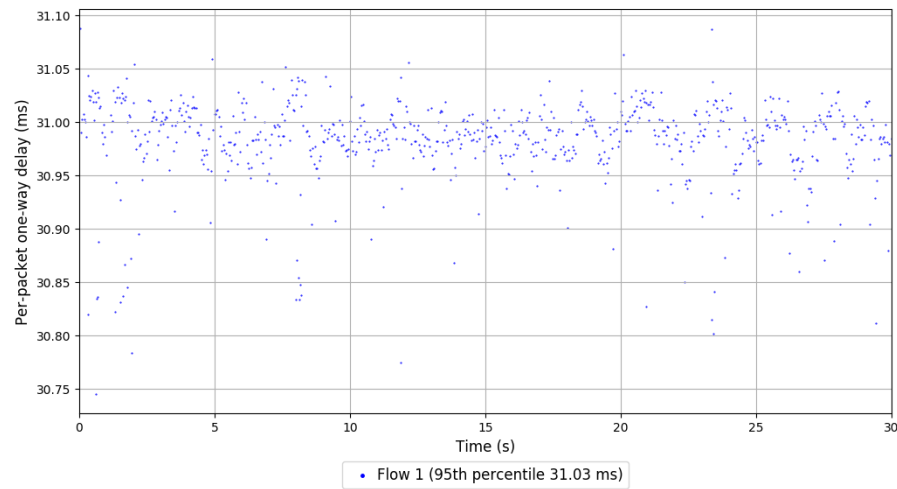
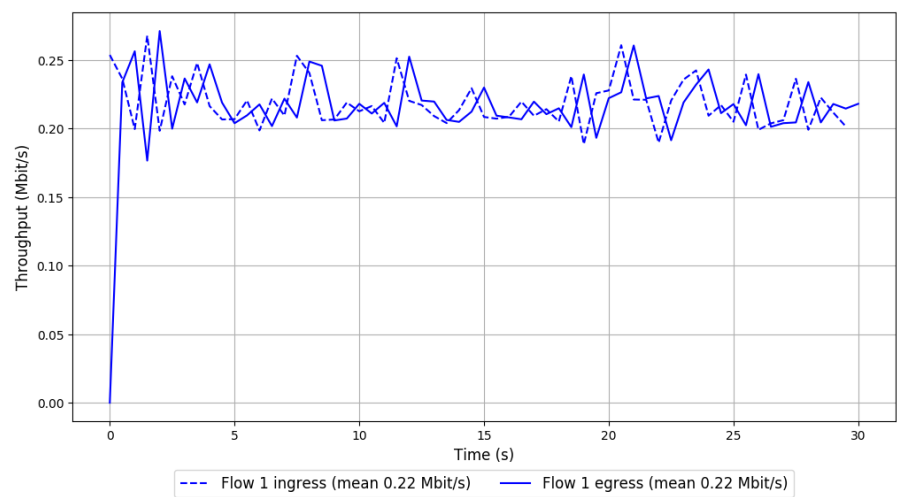
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 31.027 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

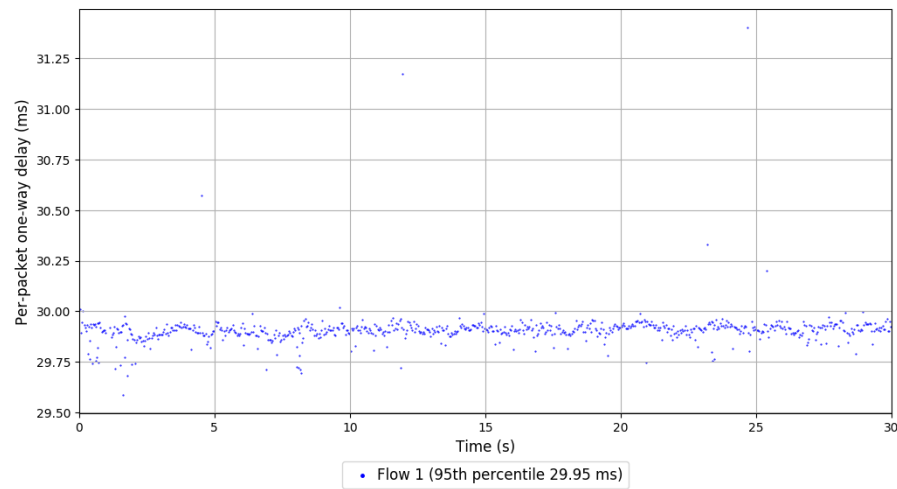
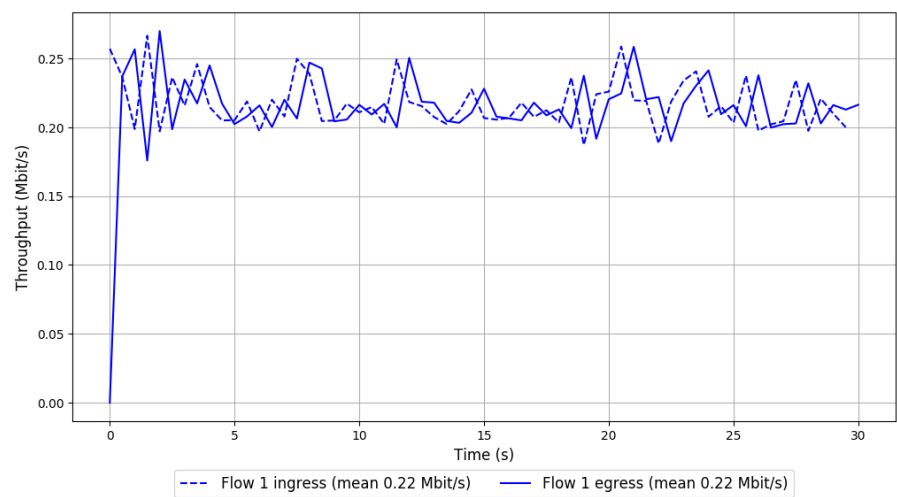


Run 3: Statistics of SCReAM

Start at: 2018-05-24 04:29:42
End at: 2018-05-24 04:30:12
Local clock offset: 0.876 ms
Remote clock offset: -1.292 ms

Below is generated by plot.py at 2018-05-24 07:11:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.953 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.953 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-05-24 04:50:31

End at: 2018-05-24 04:51:01

Local clock offset: 0.762 ms

Remote clock offset: 0.8 ms

Below is generated by plot.py at 2018-05-24 07:11:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.525 ms

Loss rate: 0.00%

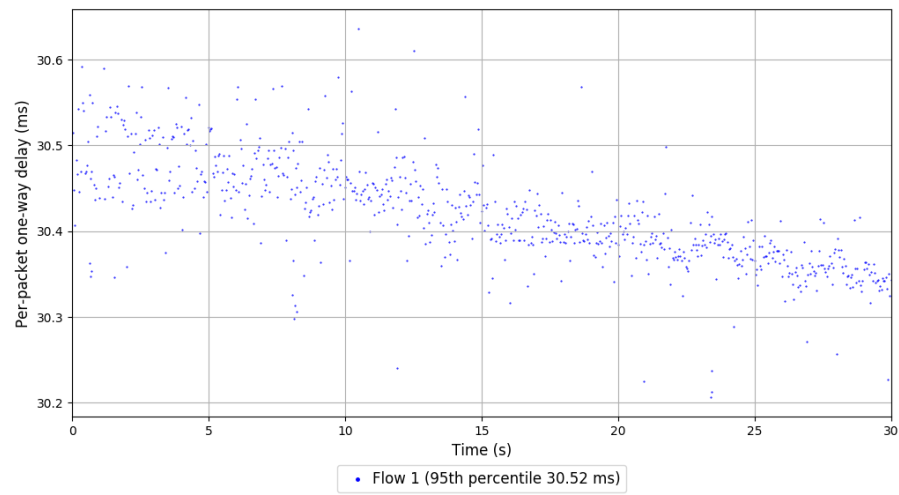
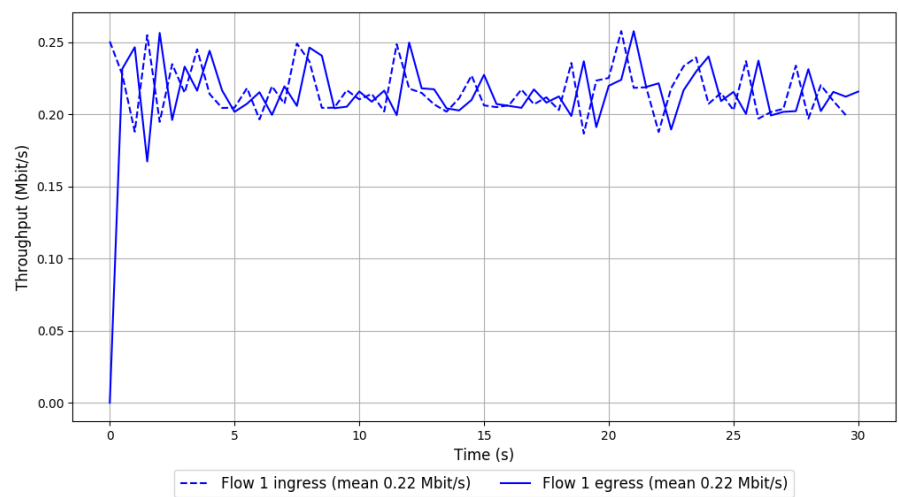
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.525 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2018-05-24 05:11:14

End at: 2018-05-24 05:11:44

Local clock offset: 1.613 ms

Remote clock offset: 4.713 ms

Below is generated by plot.py at 2018-05-24 07:11:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.695 ms

Loss rate: 0.00%

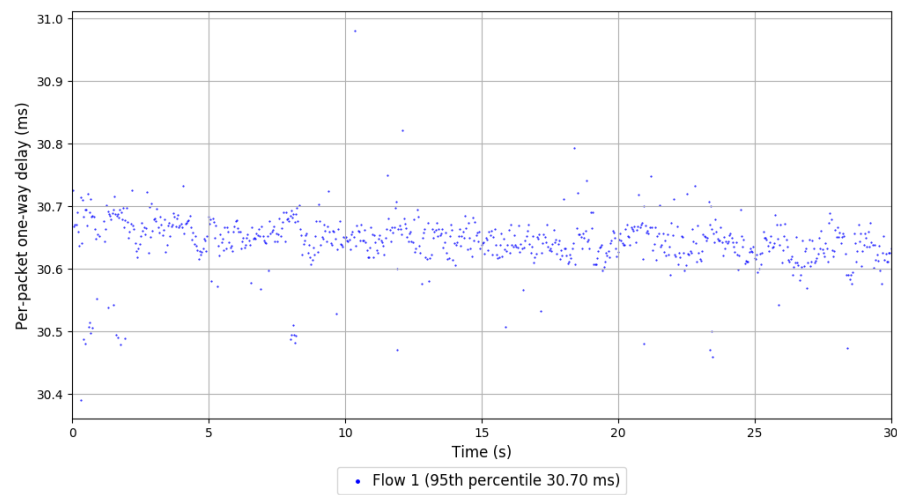
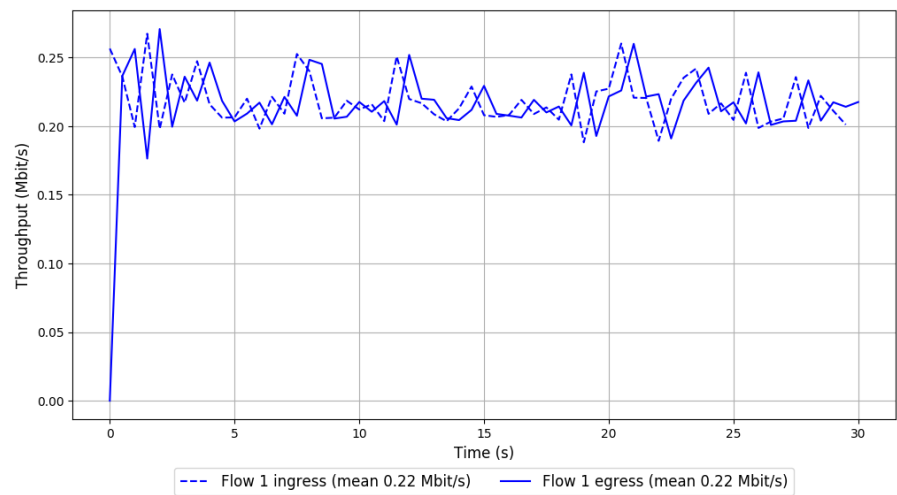
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.695 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-05-24 05:32:18

End at: 2018-05-24 05:32:48

Local clock offset: 1.43 ms

Remote clock offset: 6.341 ms

Below is generated by plot.py at 2018-05-24 07:11:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 29.795 ms

Loss rate: 0.00%

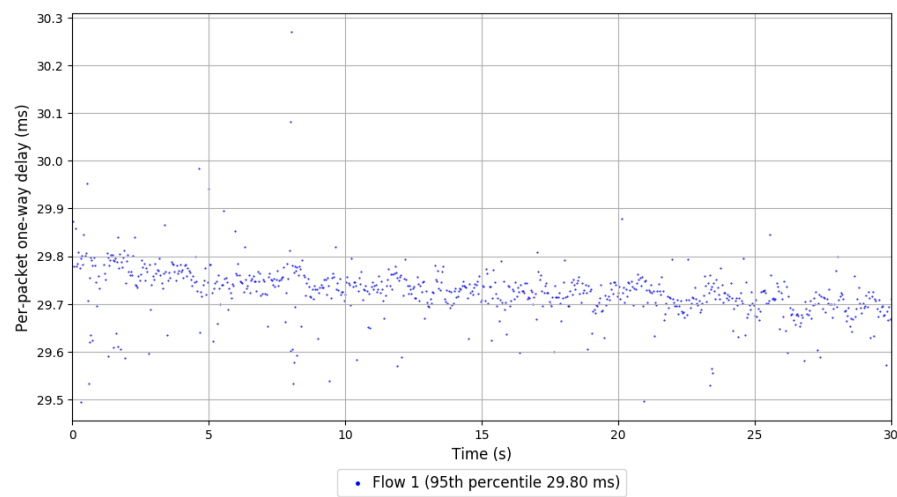
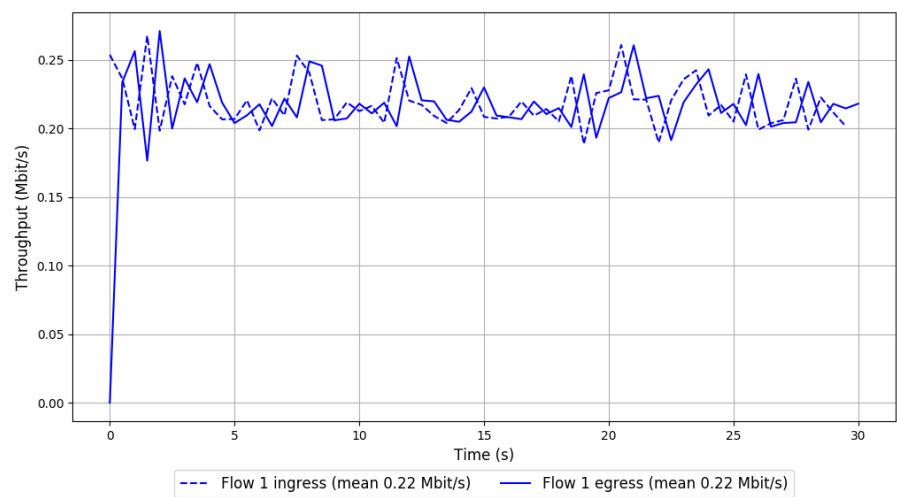
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 29.795 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2018-05-24 05:53:11

End at: 2018-05-24 05:53:41

Local clock offset: 0.947 ms

Remote clock offset: 7.929 ms

Below is generated by plot.py at 2018-05-24 07:11:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.774 ms

Loss rate: 0.00%

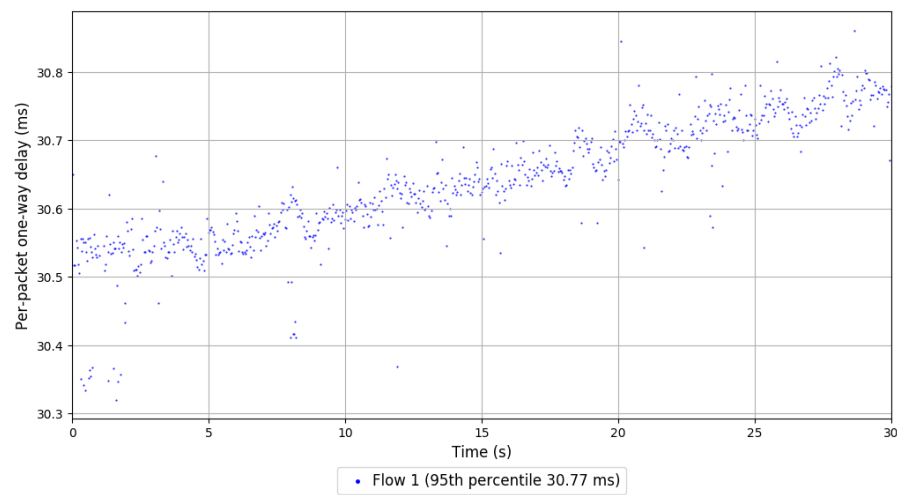
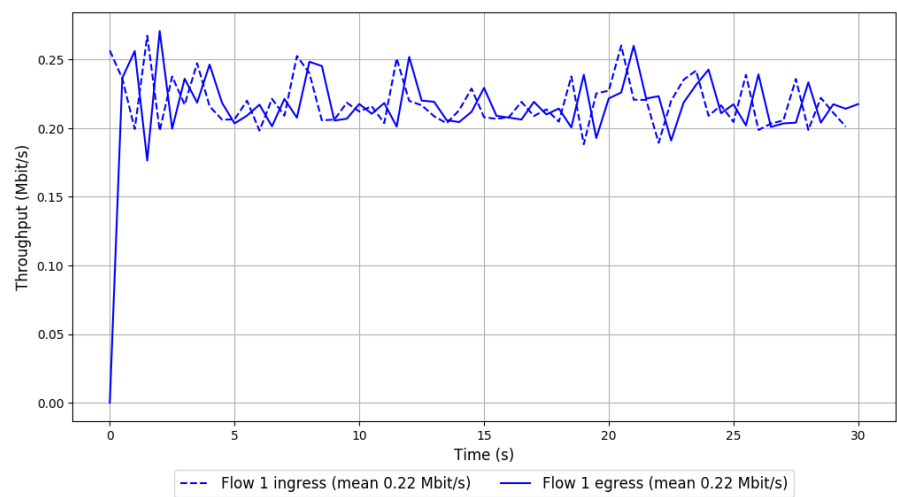
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.774 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-05-24 06:13:50

End at: 2018-05-24 06:14:20

Local clock offset: 1.671 ms

Remote clock offset: 3.753 ms

Below is generated by plot.py at 2018-05-24 07:11:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.369 ms

Loss rate: 0.00%

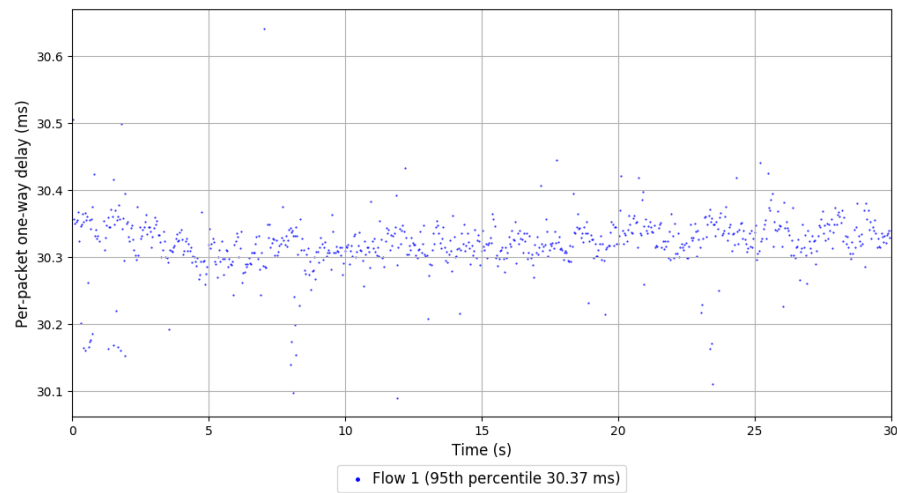
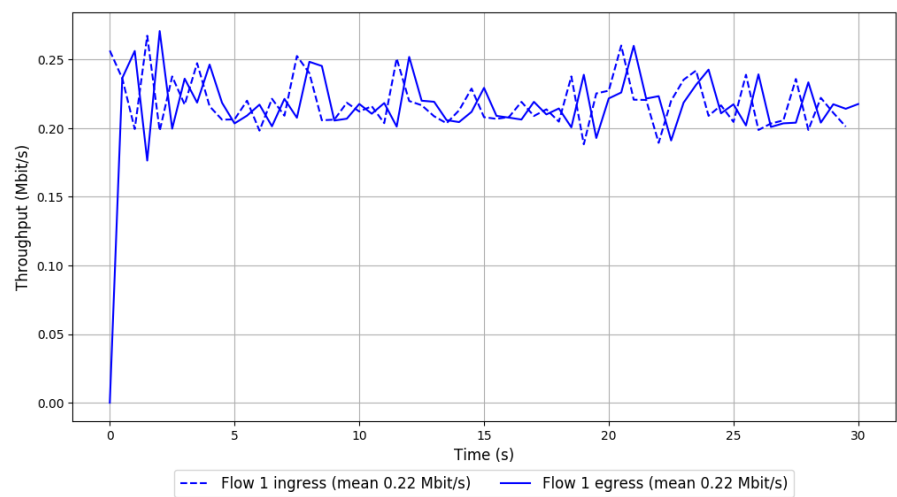
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.369 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2018-05-24 06:34:39

End at: 2018-05-24 06:35:09

Local clock offset: 0.93 ms

Remote clock offset: 2.773 ms

Below is generated by plot.py at 2018-05-24 07:11:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.621 ms

Loss rate: 0.00%

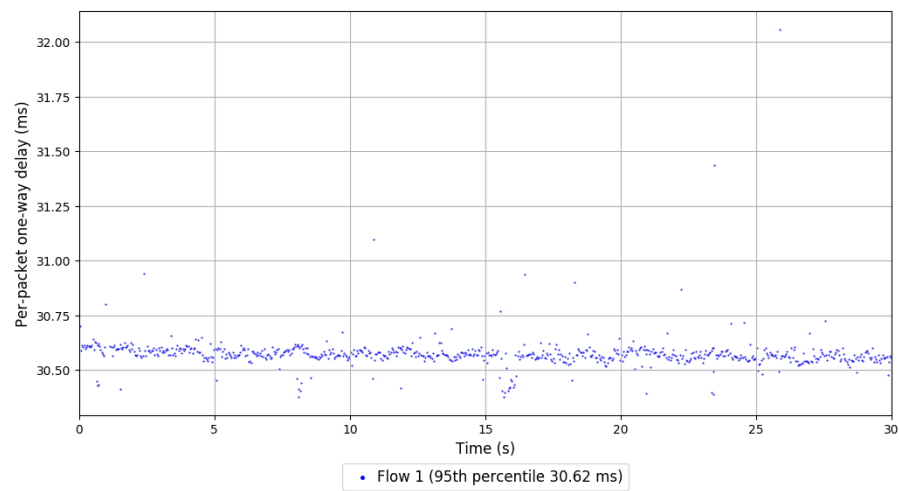
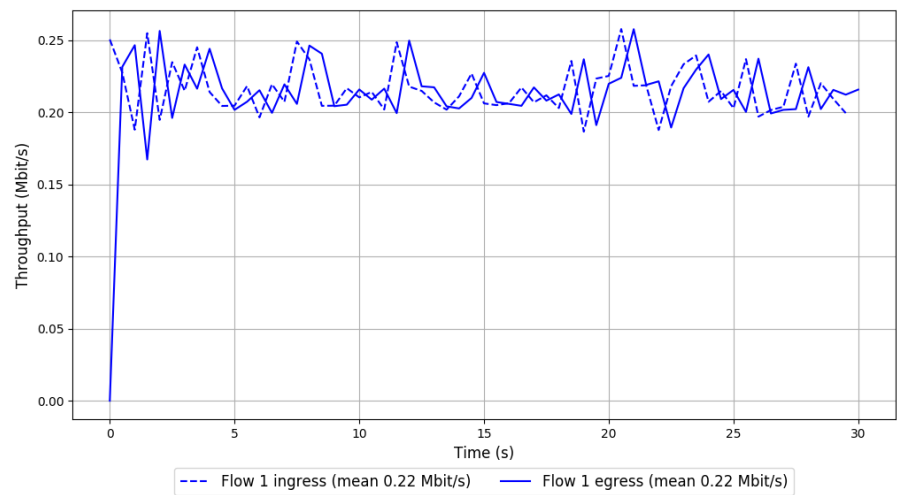
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 30.621 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2018-05-24 06:55:24

End at: 2018-05-24 06:55:54

Local clock offset: 0.542 ms

Remote clock offset: 2.592 ms

Below is generated by plot.py at 2018-05-24 07:11:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 29.937 ms

Loss rate: 0.00%

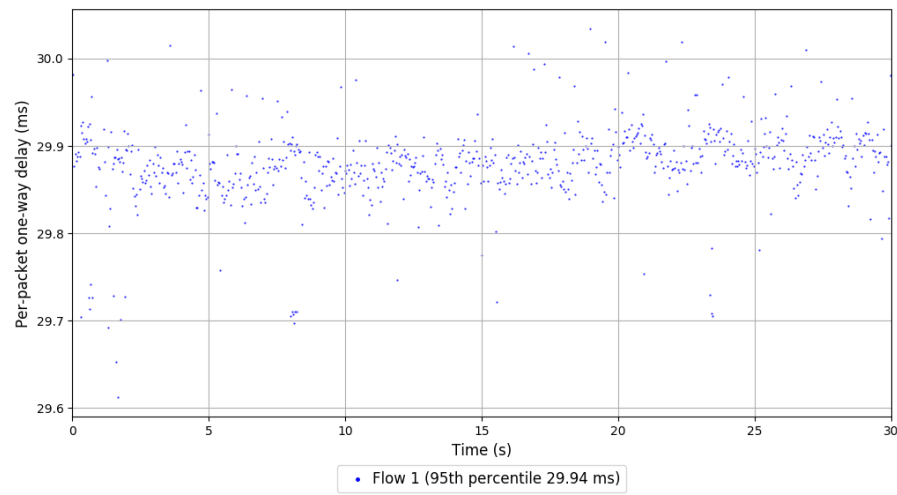
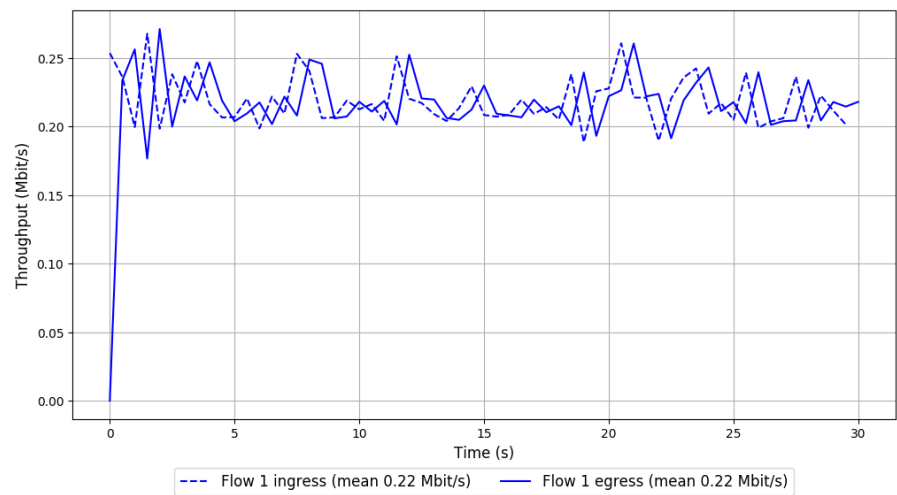
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 29.937 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of Sprout

Start at: 2018-05-24 03:35:04

End at: 2018-05-24 03:35:34

Local clock offset: 0.87 ms

Remote clock offset: -2.295 ms

Below is generated by plot.py at 2018-05-24 07:11:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.97 Mbit/s

95th percentile per-packet one-way delay: 36.304 ms

Loss rate: 0.00%

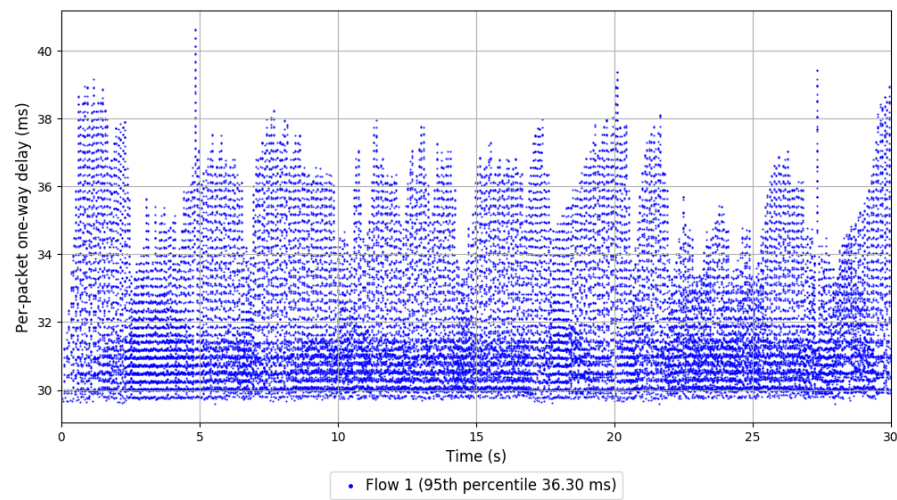
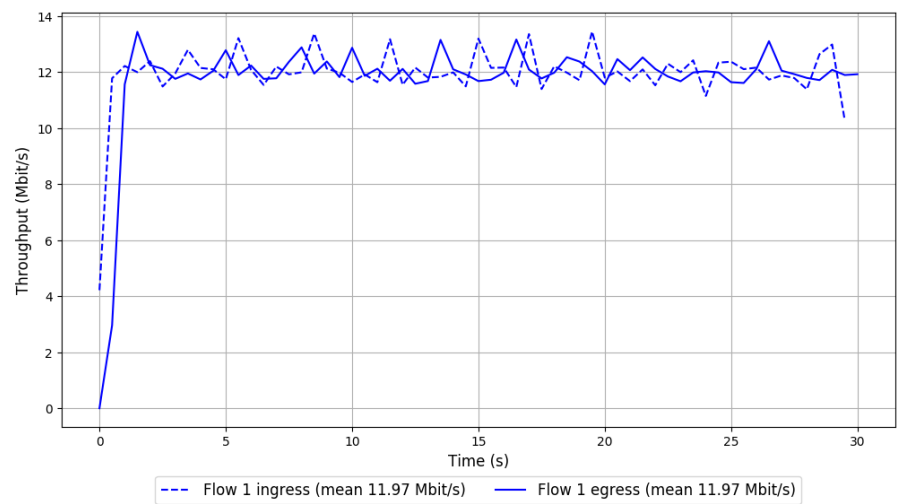
-- Flow 1:

Average throughput: 11.97 Mbit/s

95th percentile per-packet one-way delay: 36.304 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

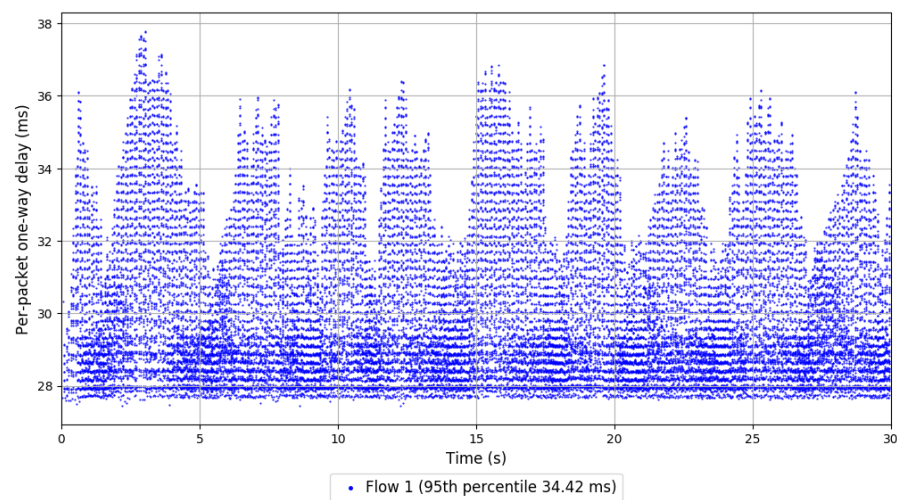
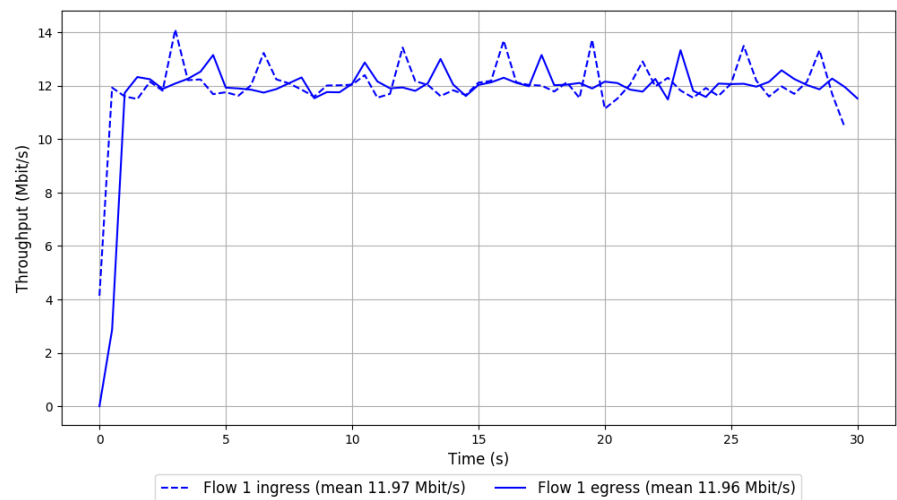


Run 2: Statistics of Sprout

Start at: 2018-05-24 03:55:51
End at: 2018-05-24 03:56:21
Local clock offset: 0.793 ms
Remote clock offset: -1.775 ms

Below is generated by plot.py at 2018-05-24 07:11:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.96 Mbit/s
95th percentile per-packet one-way delay: 34.417 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 11.96 Mbit/s
95th percentile per-packet one-way delay: 34.417 ms
Loss rate: 0.10%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

Start at: 2018-05-24 04:16:37

End at: 2018-05-24 04:17:07

Local clock offset: 0.972 ms

Remote clock offset: 0.09 ms

Below is generated by plot.py at 2018-05-24 07:11:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.97 Mbit/s

95th percentile per-packet one-way delay: 36.786 ms

Loss rate: 0.00%

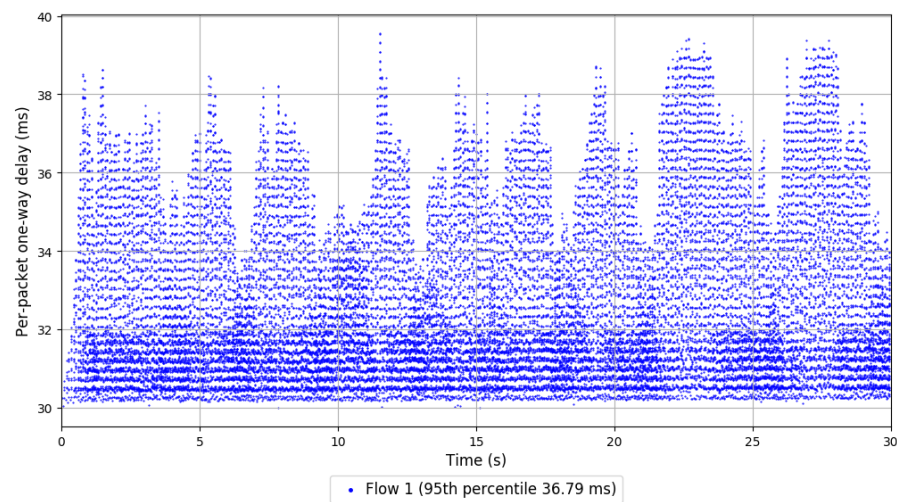
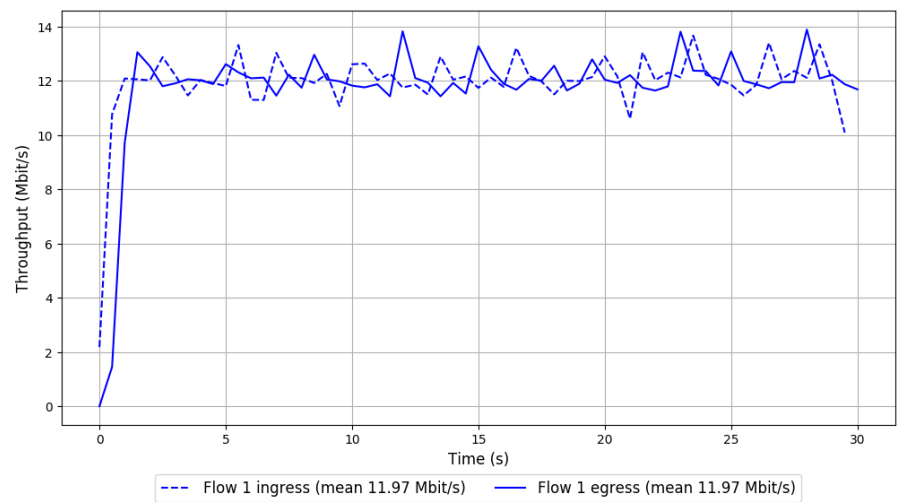
-- Flow 1:

Average throughput: 11.97 Mbit/s

95th percentile per-packet one-way delay: 36.786 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

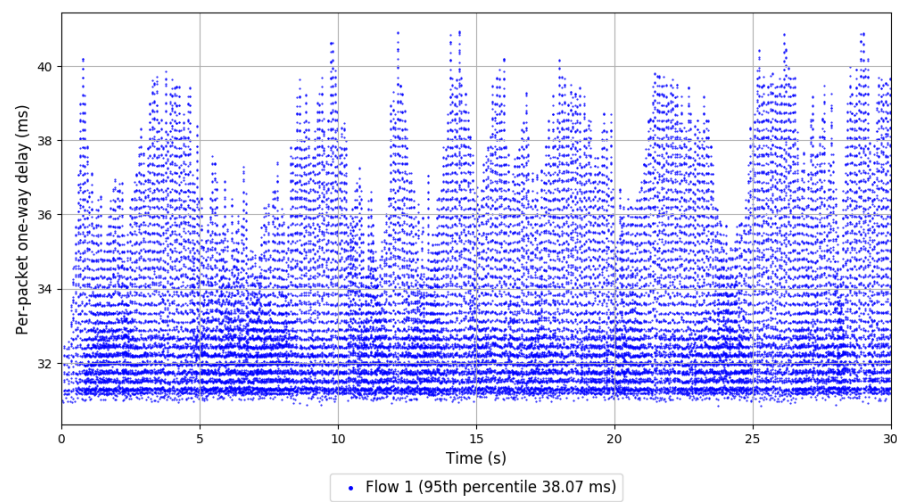
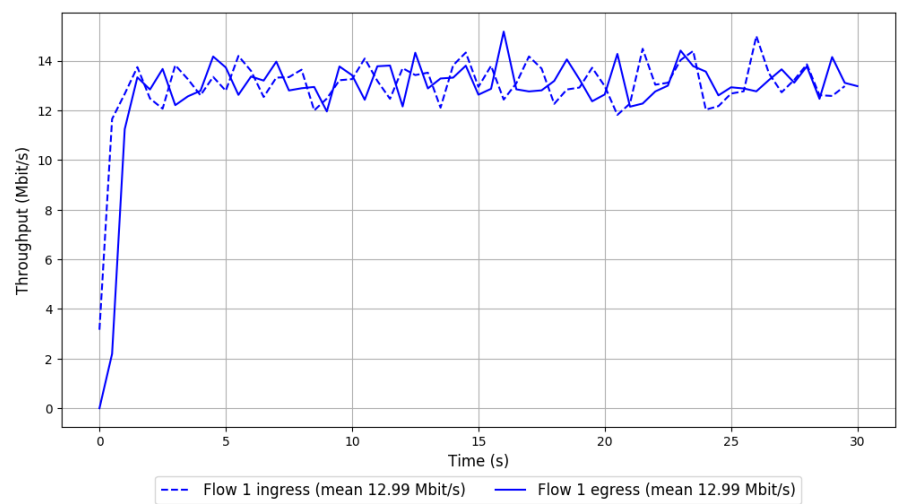


Run 4: Statistics of Sprout

Start at: 2018-05-24 04:37:28
End at: 2018-05-24 04:37:58
Local clock offset: 0.803 ms
Remote clock offset: -1.107 ms

Below is generated by plot.py at 2018-05-24 07:11:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.99 Mbit/s
95th percentile per-packet one-way delay: 38.072 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 12.99 Mbit/s
95th percentile per-packet one-way delay: 38.072 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-05-24 04:58:15

End at: 2018-05-24 04:58:45

Local clock offset: 1.089 ms

Remote clock offset: 2.926 ms

Below is generated by plot.py at 2018-05-24 07:11:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.87 Mbit/s

95th percentile per-packet one-way delay: 36.505 ms

Loss rate: 0.00%

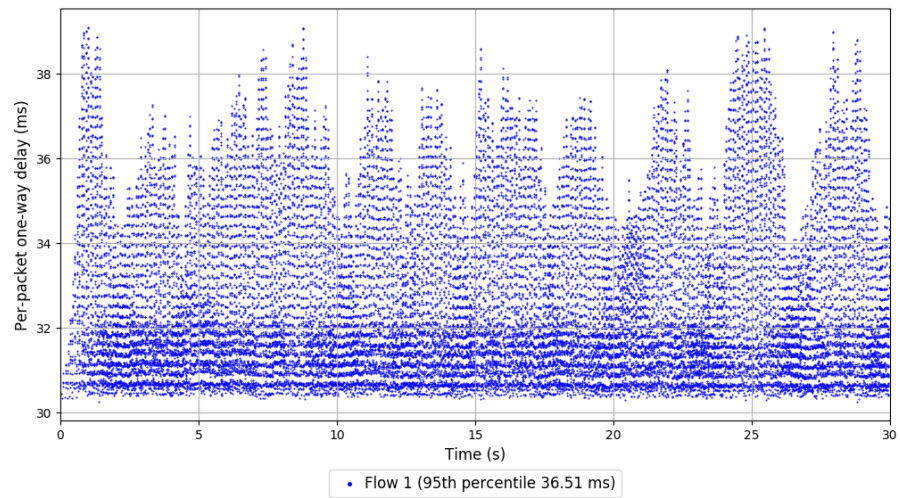
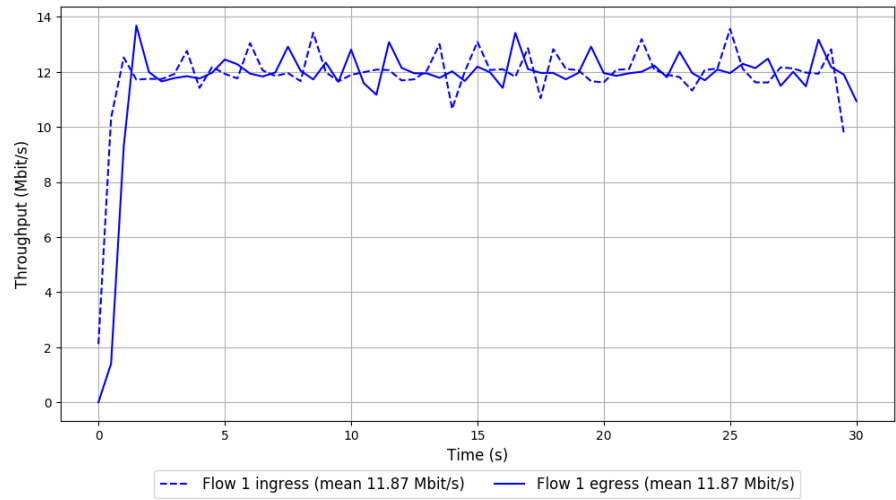
-- Flow 1:

Average throughput: 11.87 Mbit/s

95th percentile per-packet one-way delay: 36.505 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-05-24 05:19:15

End at: 2018-05-24 05:19:45

Local clock offset: 1.866 ms

Remote clock offset: 5.415 ms

Below is generated by plot.py at 2018-05-24 07:11:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.89 Mbit/s

95th percentile per-packet one-way delay: 36.523 ms

Loss rate: 0.00%

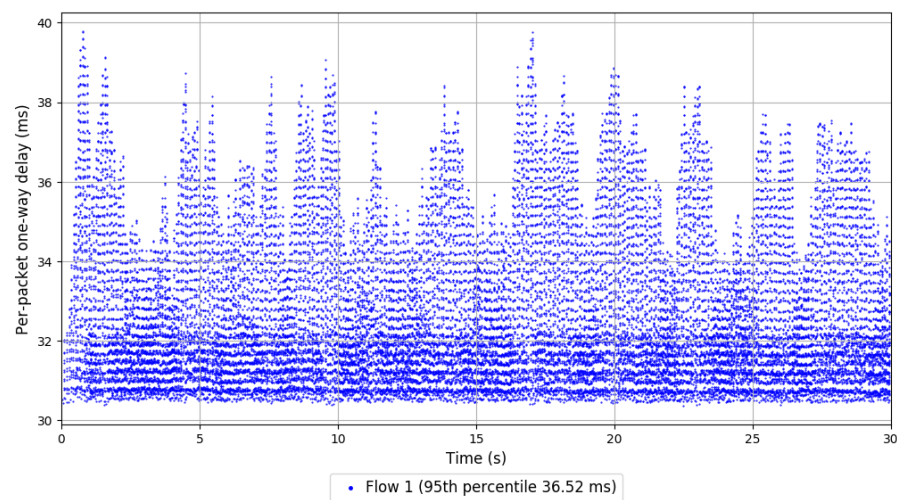
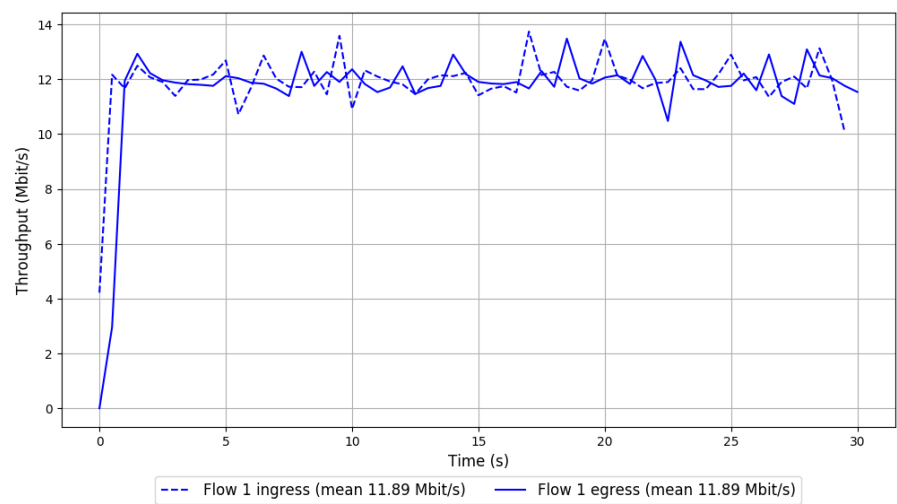
-- Flow 1:

Average throughput: 11.89 Mbit/s

95th percentile per-packet one-way delay: 36.523 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2018-05-24 05:40:09

End at: 2018-05-24 05:40:39

Local clock offset: 1.119 ms

Remote clock offset: 6.946 ms

Below is generated by plot.py at 2018-05-24 07:11:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.82 Mbit/s

95th percentile per-packet one-way delay: 35.315 ms

Loss rate: 0.00%

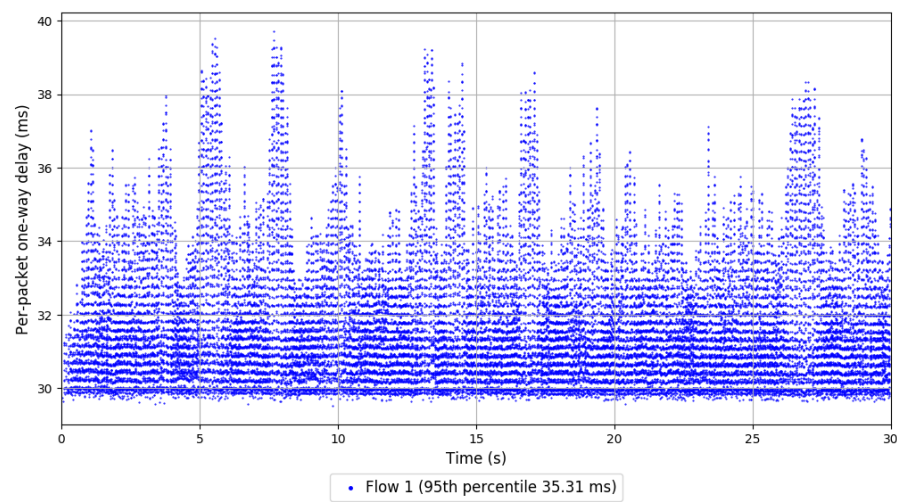
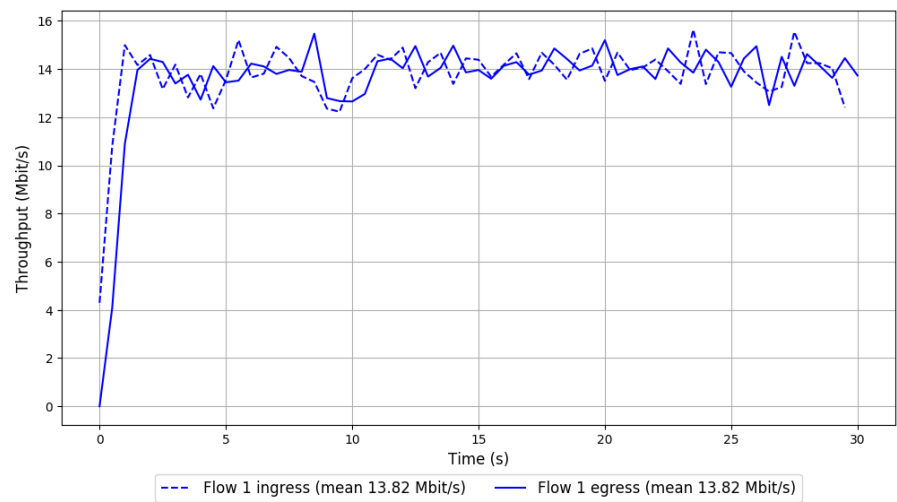
-- Flow 1:

Average throughput: 13.82 Mbit/s

95th percentile per-packet one-way delay: 35.315 ms

Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-05-24 06:00:53

End at: 2018-05-24 06:01:23

Local clock offset: 1.286 ms

Remote clock offset: 3.053 ms

Below is generated by plot.py at 2018-05-24 07:11:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.87 Mbit/s

95th percentile per-packet one-way delay: 33.965 ms

Loss rate: 0.00%

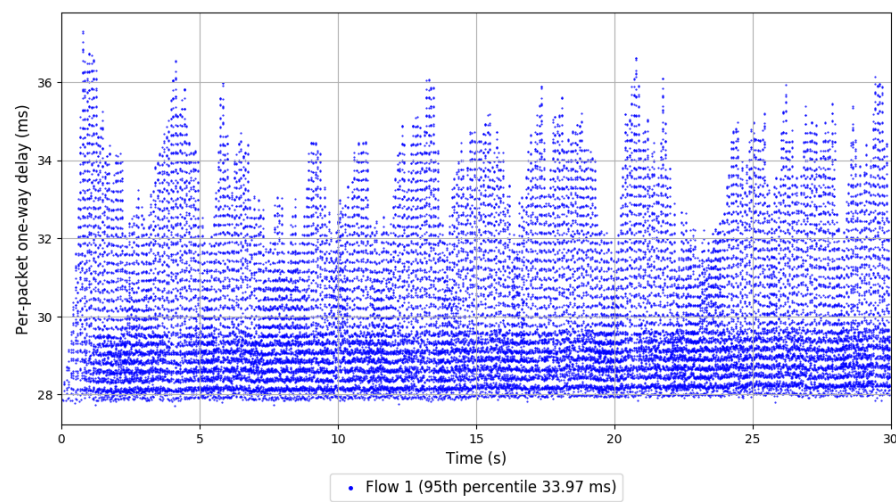
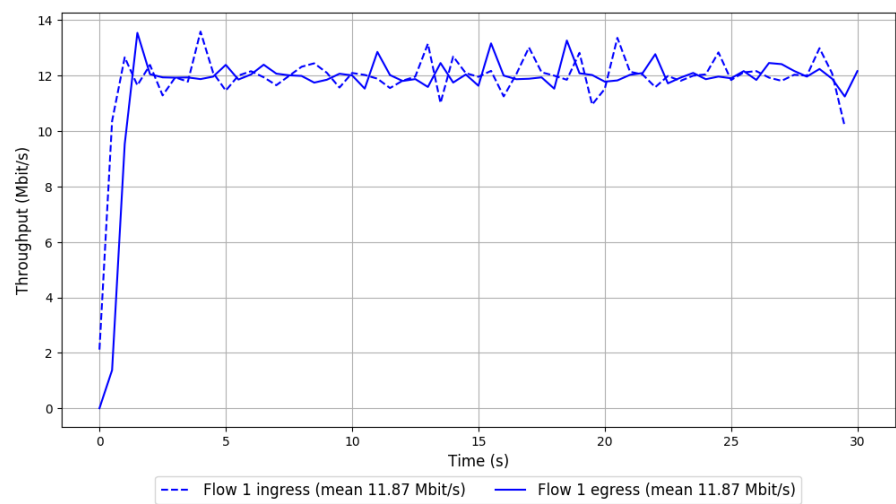
-- Flow 1:

Average throughput: 11.87 Mbit/s

95th percentile per-packet one-way delay: 33.965 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link



Run 9: Statistics of Sprout

Start at: 2018-05-24 06:21:35

End at: 2018-05-24 06:22:05

Local clock offset: 1.742 ms

Remote clock offset: 3.441 ms

Below is generated by plot.py at 2018-05-24 07:11:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.98 Mbit/s

95th percentile per-packet one-way delay: 34.568 ms

Loss rate: 0.05%

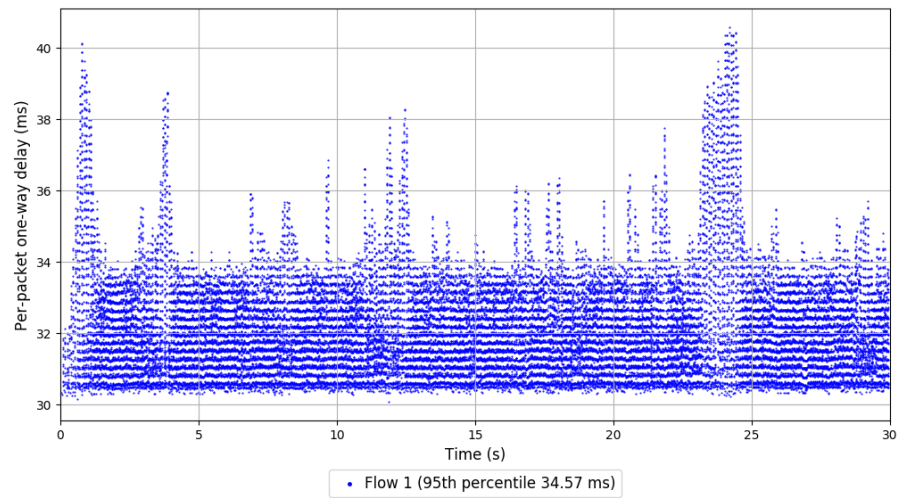
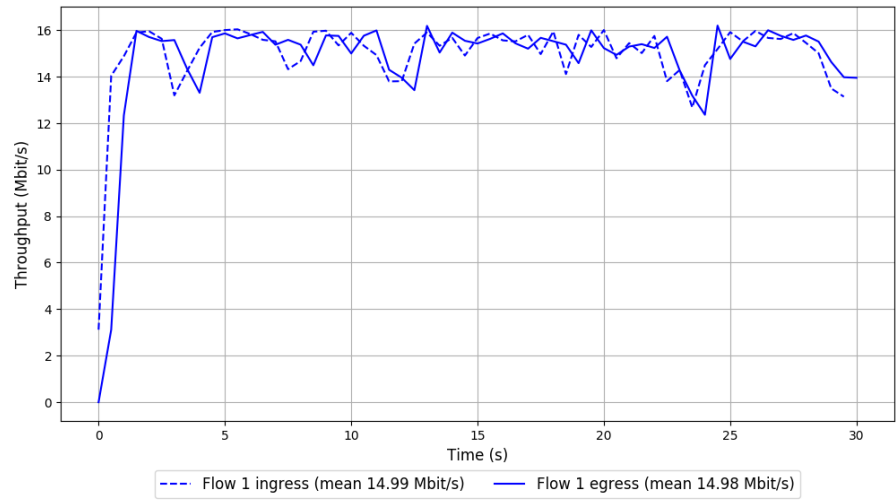
-- Flow 1:

Average throughput: 14.98 Mbit/s

95th percentile per-packet one-way delay: 34.568 ms

Loss rate: 0.05%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-05-24 06:42:23

End at: 2018-05-24 06:42:53

Local clock offset: 0.634 ms

Remote clock offset: 2.79 ms

Below is generated by plot.py at 2018-05-24 07:11:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.84 Mbit/s

95th percentile per-packet one-way delay: 35.086 ms

Loss rate: 0.00%

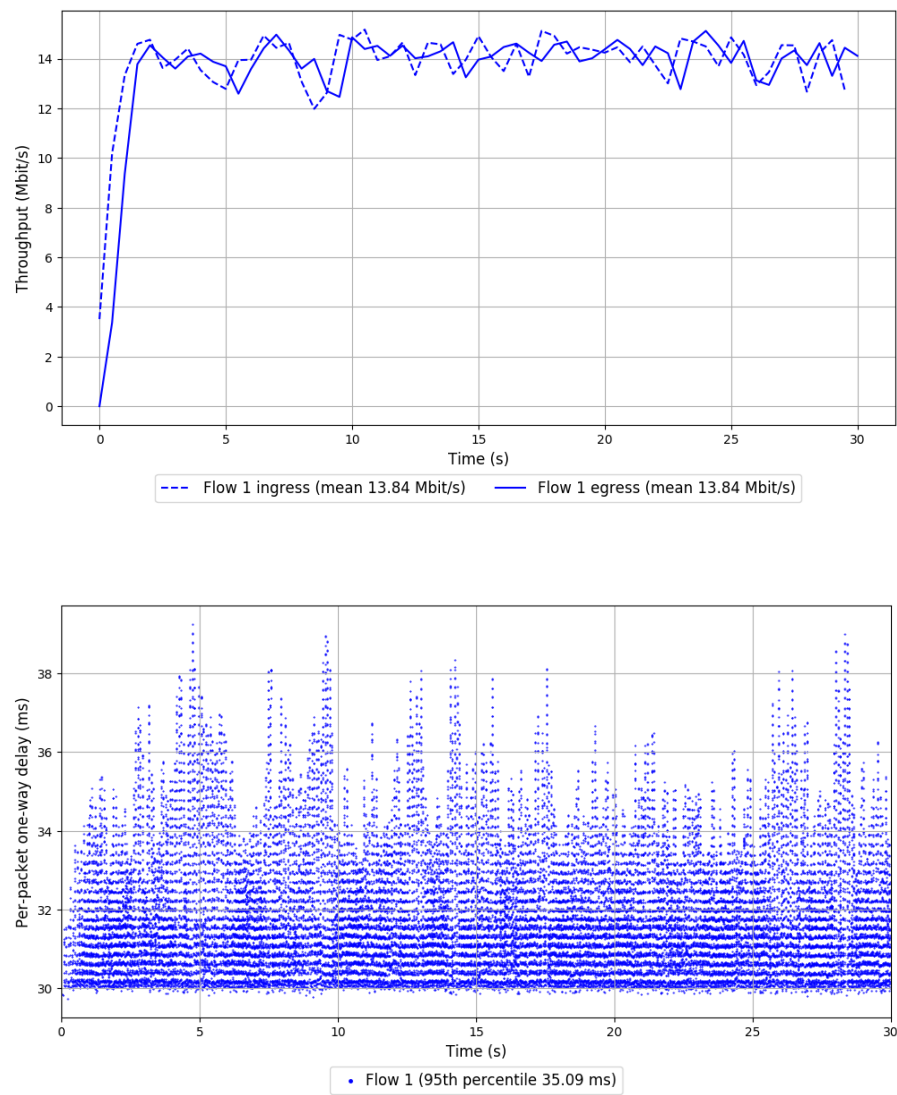
-- Flow 1:

Average throughput: 13.84 Mbit/s

95th percentile per-packet one-way delay: 35.086 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-05-24 03:36:20

End at: 2018-05-24 03:36:50

Local clock offset: 0.852 ms

Remote clock offset: -2.368 ms

Below is generated by plot.py at 2018-05-24 07:12:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.39 Mbit/s

95th percentile per-packet one-way delay: 43.759 ms

Loss rate: 0.05%

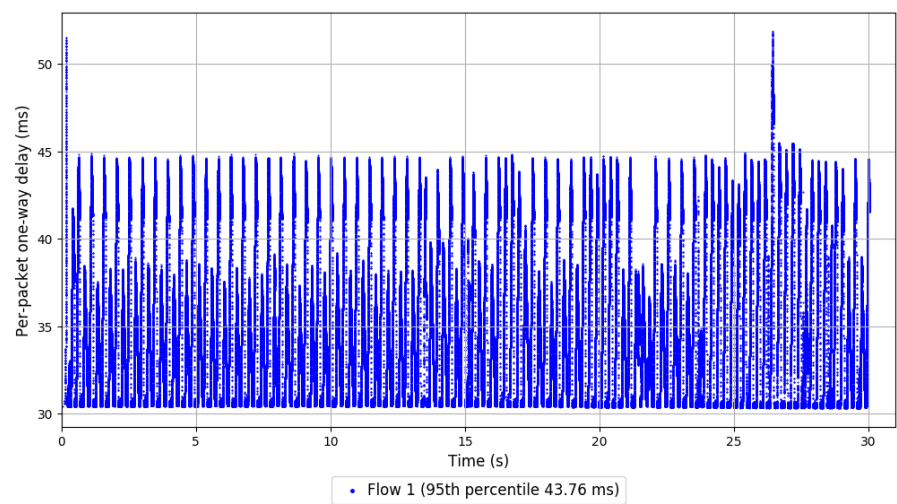
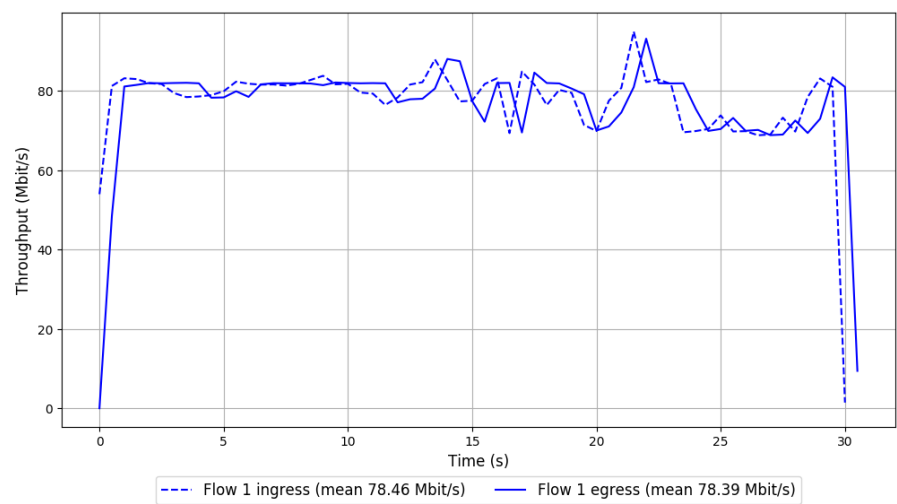
-- Flow 1:

Average throughput: 78.39 Mbit/s

95th percentile per-packet one-way delay: 43.759 ms

Loss rate: 0.05%

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-05-24 03:57:06

End at: 2018-05-24 03:57:36

Local clock offset: 0.73 ms

Remote clock offset: 0.425 ms

Below is generated by plot.py at 2018-05-24 07:12:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.37 Mbit/s

95th percentile per-packet one-way delay: 42.257 ms

Loss rate: 0.00%

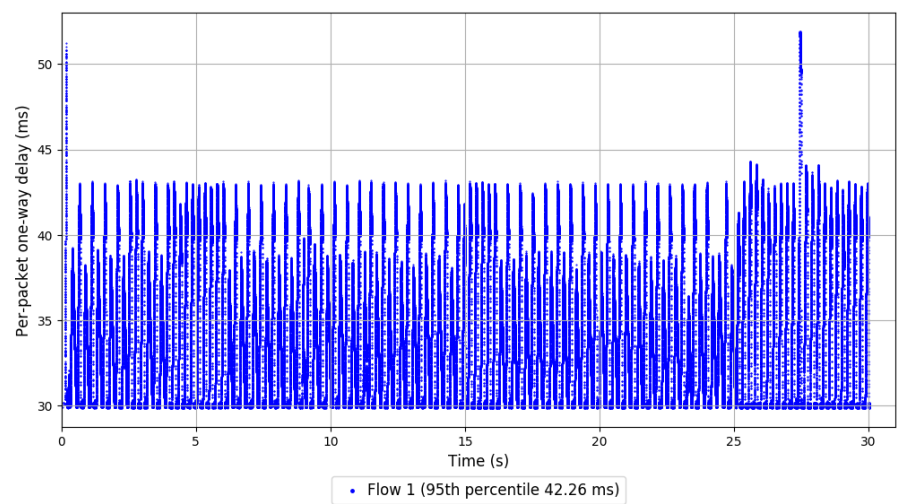
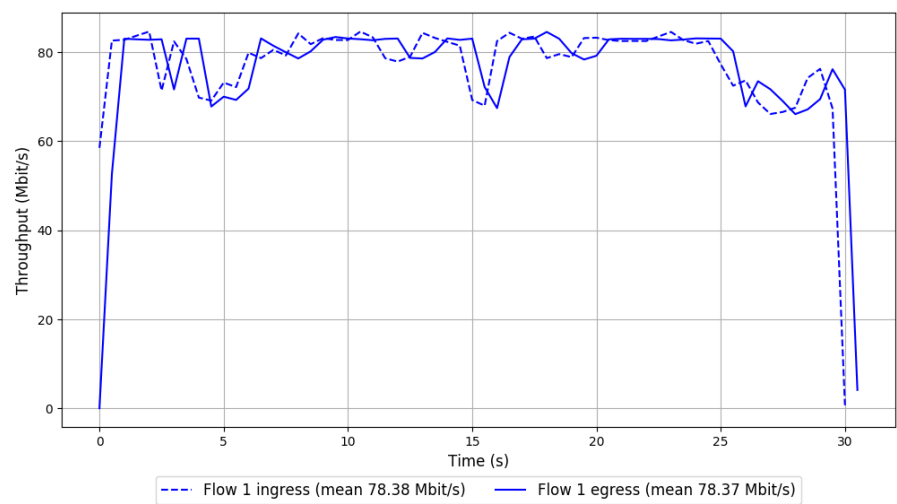
-- Flow 1:

Average throughput: 78.37 Mbit/s

95th percentile per-packet one-way delay: 42.257 ms

Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-05-24 04:17:52

End at: 2018-05-24 04:18:23

Local clock offset: 0.965 ms

Remote clock offset: -0.509 ms

Below is generated by plot.py at 2018-05-24 07:12:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.64 Mbit/s

95th percentile per-packet one-way delay: 43.730 ms

Loss rate: 0.00%

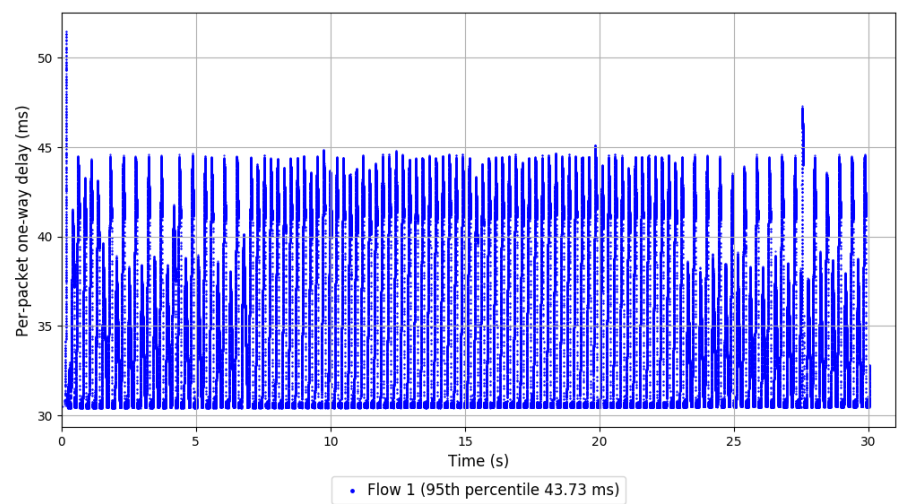
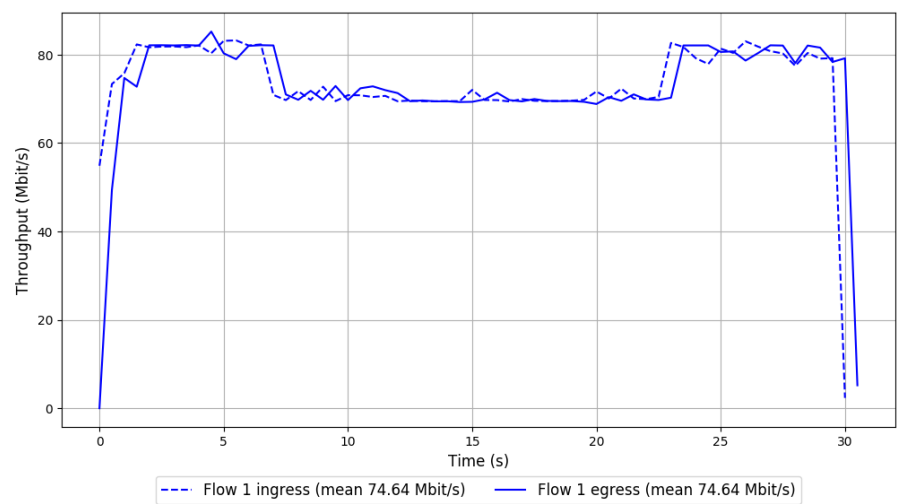
-- Flow 1:

Average throughput: 74.64 Mbit/s

95th percentile per-packet one-way delay: 43.730 ms

Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-05-24 04:38:44

End at: 2018-05-24 04:39:14

Local clock offset: 0.874 ms

Remote clock offset: -1.645 ms

Below is generated by plot.py at 2018-05-24 07:13:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.77 Mbit/s

95th percentile per-packet one-way delay: 42.602 ms

Loss rate: 0.07%

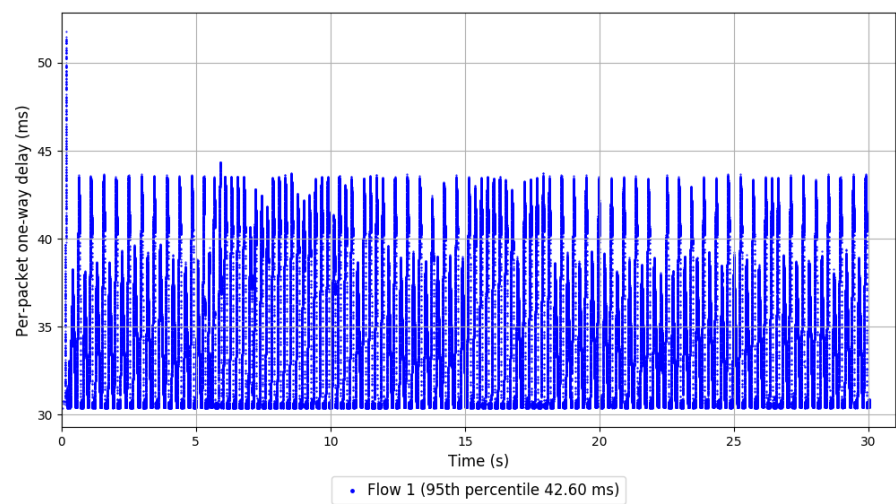
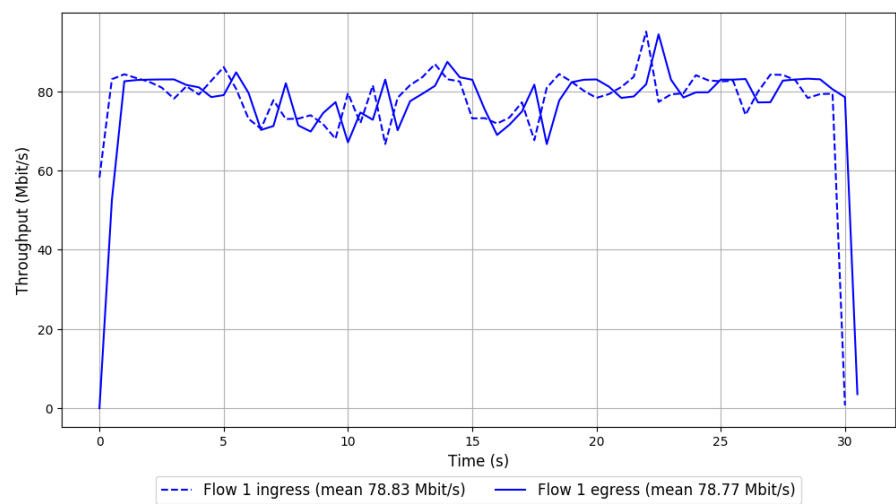
-- Flow 1:

Average throughput: 78.77 Mbit/s

95th percentile per-packet one-way delay: 42.602 ms

Loss rate: 0.07%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-05-24 04:59:30

End at: 2018-05-24 05:00:00

Local clock offset: 1.069 ms

Remote clock offset: 1.136 ms

Below is generated by plot.py at 2018-05-24 07:13:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.97 Mbit/s

95th percentile per-packet one-way delay: 41.175 ms

Loss rate: 0.00%

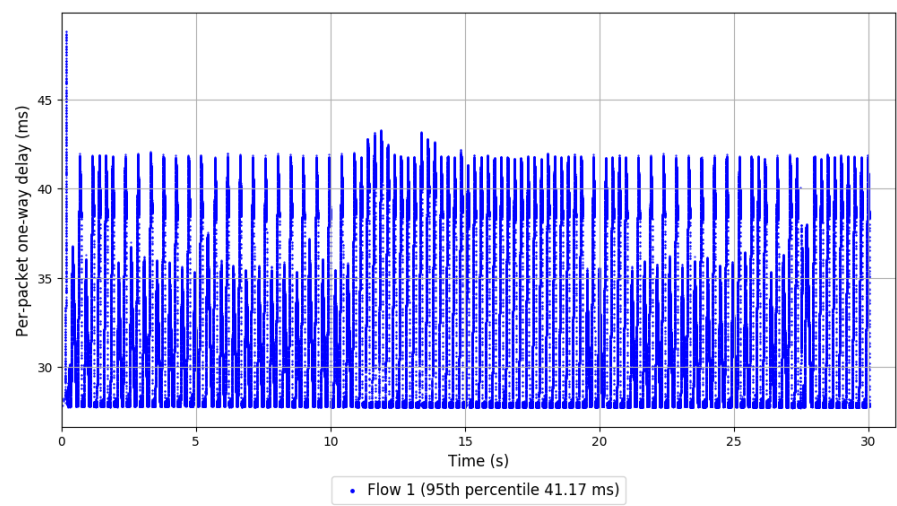
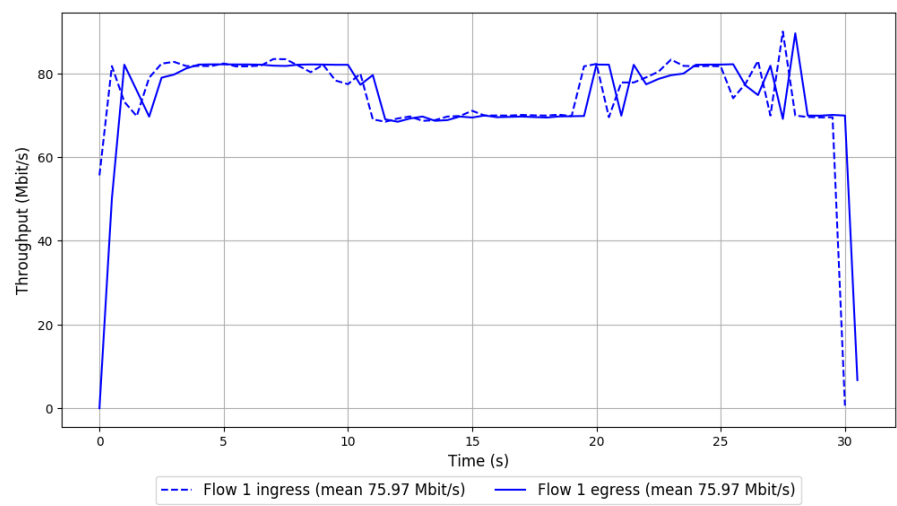
-- Flow 1:

Average throughput: 75.97 Mbit/s

95th percentile per-packet one-way delay: 41.175 ms

Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-05-24 05:20:30

End at: 2018-05-24 05:21:00

Local clock offset: 1.887 ms

Remote clock offset: 3.426 ms

Below is generated by plot.py at 2018-05-24 07:13:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.57 Mbit/s

95th percentile per-packet one-way delay: 41.542 ms

Loss rate: 0.00%

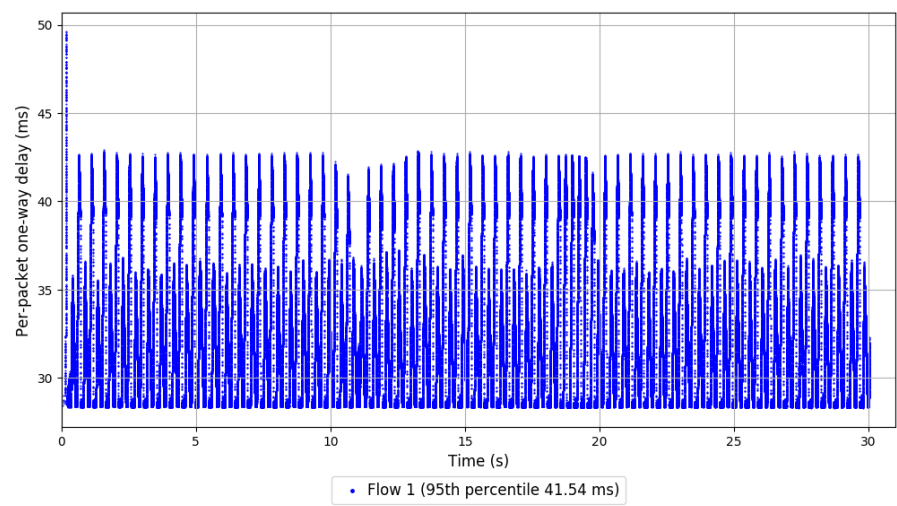
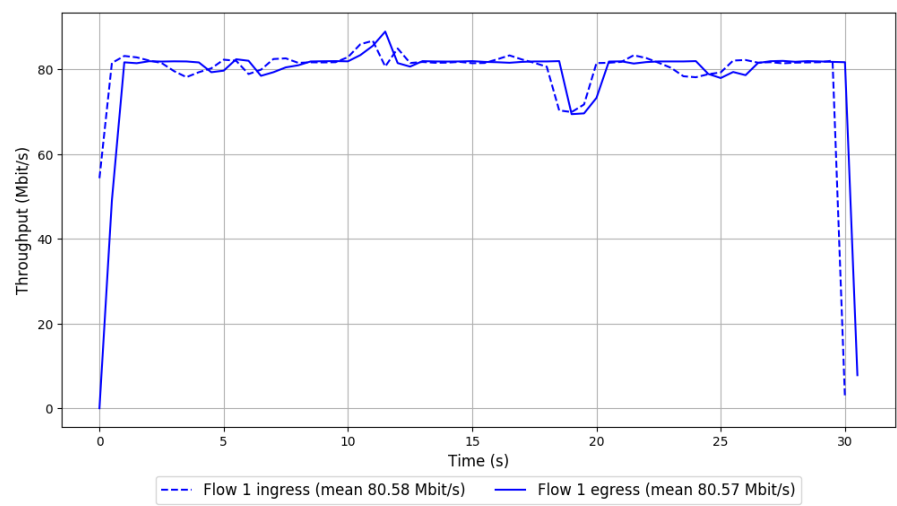
-- Flow 1:

Average throughput: 80.57 Mbit/s

95th percentile per-packet one-way delay: 41.542 ms

Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-05-24 05:41:25

End at: 2018-05-24 05:41:55

Local clock offset: 1.081 ms

Remote clock offset: 4.989 ms

Below is generated by plot.py at 2018-05-24 07:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.77 Mbit/s

95th percentile per-packet one-way delay: 39.482 ms

Loss rate: 0.00%

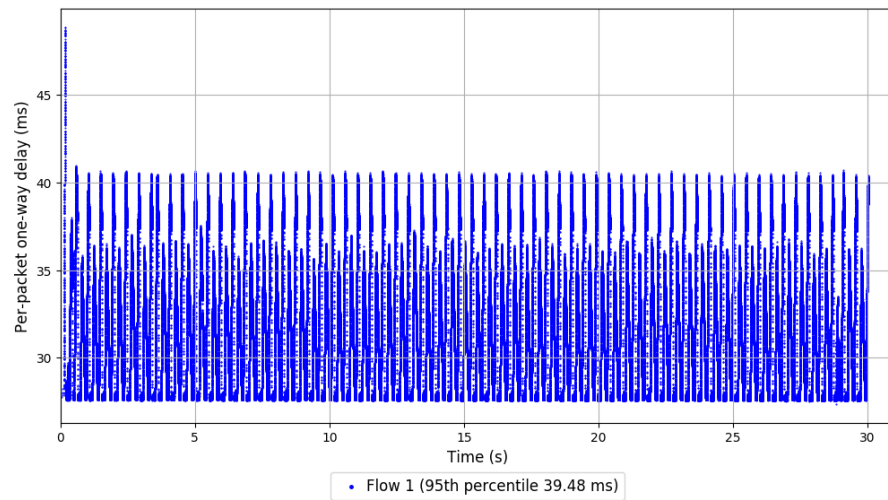
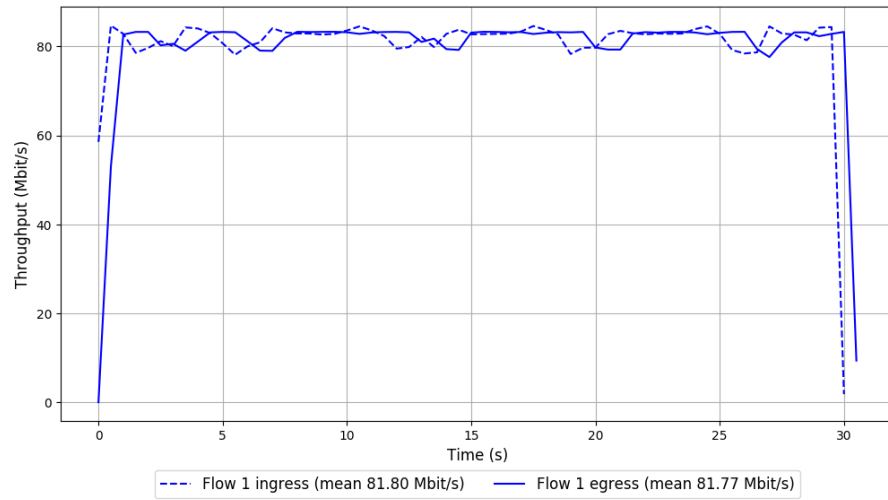
-- Flow 1:

Average throughput: 81.77 Mbit/s

95th percentile per-packet one-way delay: 39.482 ms

Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-05-24 06:02:08

End at: 2018-05-24 06:02:38

Local clock offset: 1.351 ms

Remote clock offset: 2.671 ms

Below is generated by plot.py at 2018-05-24 07:13:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.60 Mbit/s

95th percentile per-packet one-way delay: 41.233 ms

Loss rate: 0.00%

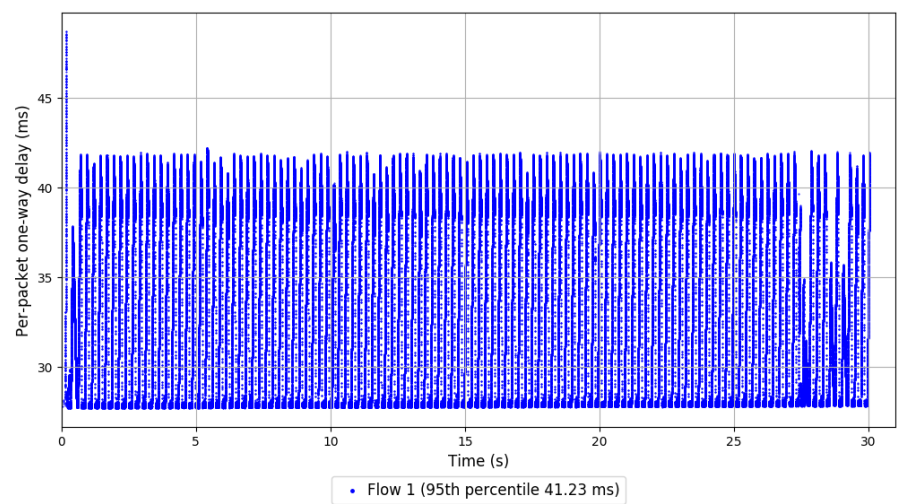
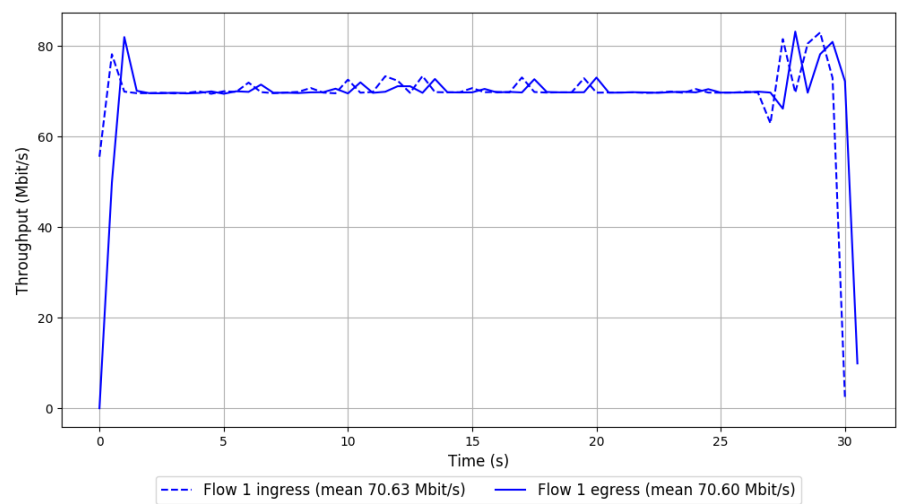
-- Flow 1:

Average throughput: 70.60 Mbit/s

95th percentile per-packet one-way delay: 41.233 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-05-24 06:22:50

End at: 2018-05-24 06:23:20

Local clock offset: 1.69 ms

Remote clock offset: 3.31 ms

Below is generated by plot.py at 2018-05-24 07:14:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.38 Mbit/s

95th percentile per-packet one-way delay: 44.527 ms

Loss rate: 0.00%

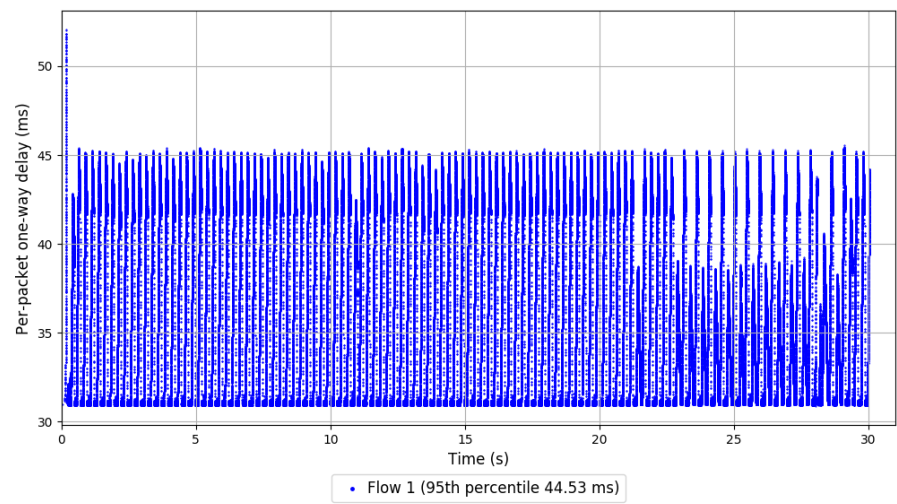
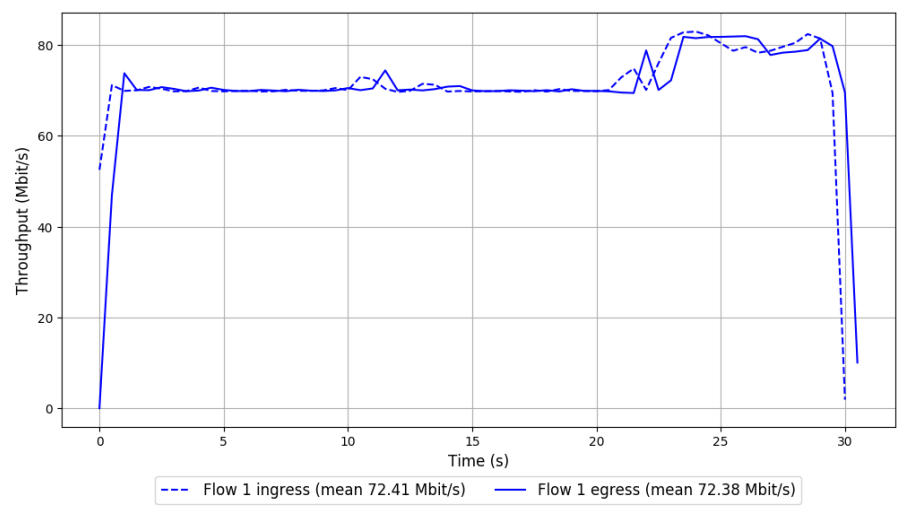
-- Flow 1:

Average throughput: 72.38 Mbit/s

95th percentile per-packet one-way delay: 44.527 ms

Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-05-24 06:43:39

End at: 2018-05-24 06:44:09

Local clock offset: 0.709 ms

Remote clock offset: 0.609 ms

Below is generated by plot.py at 2018-05-24 07:14:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.00 Mbit/s

95th percentile per-packet one-way delay: 40.784 ms

Loss rate: 0.00%

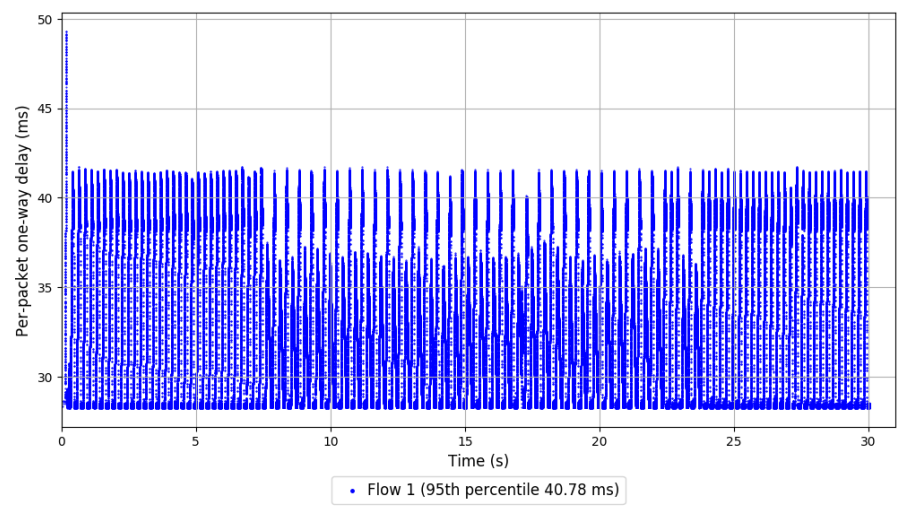
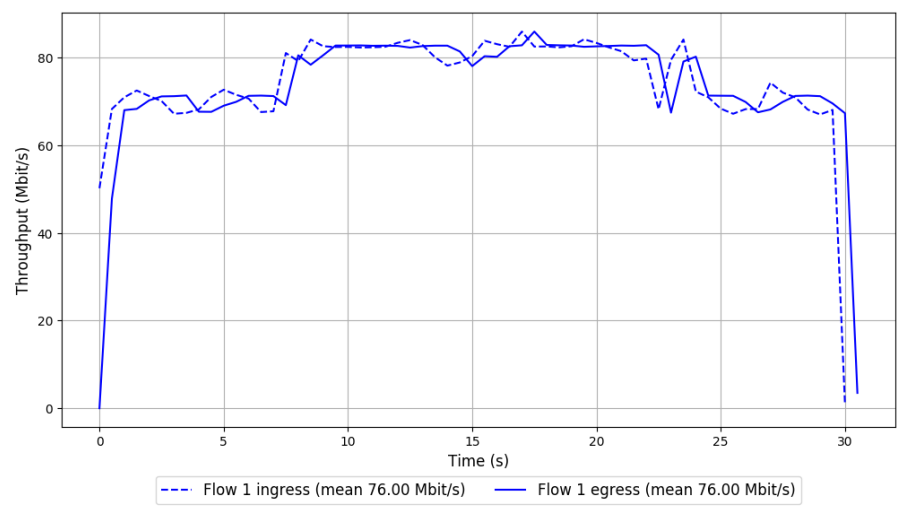
-- Flow 1:

Average throughput: 76.00 Mbit/s

95th percentile per-packet one-way delay: 40.784 ms

Loss rate: 0.00%

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

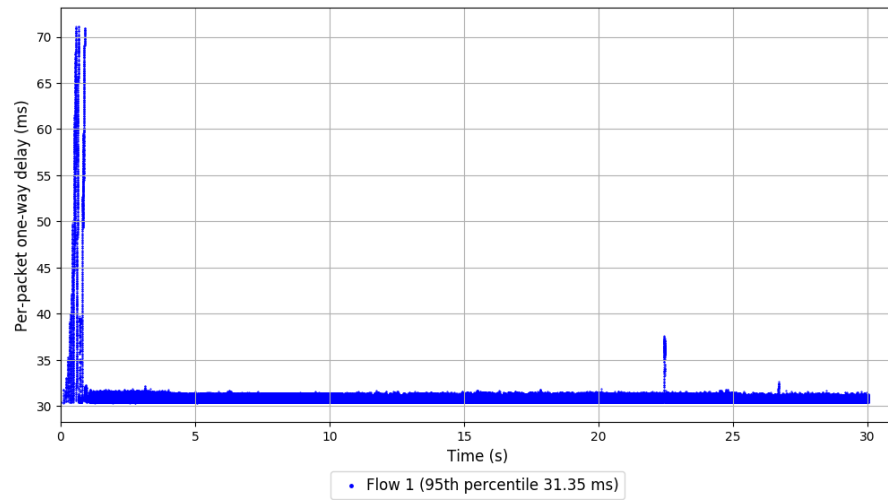
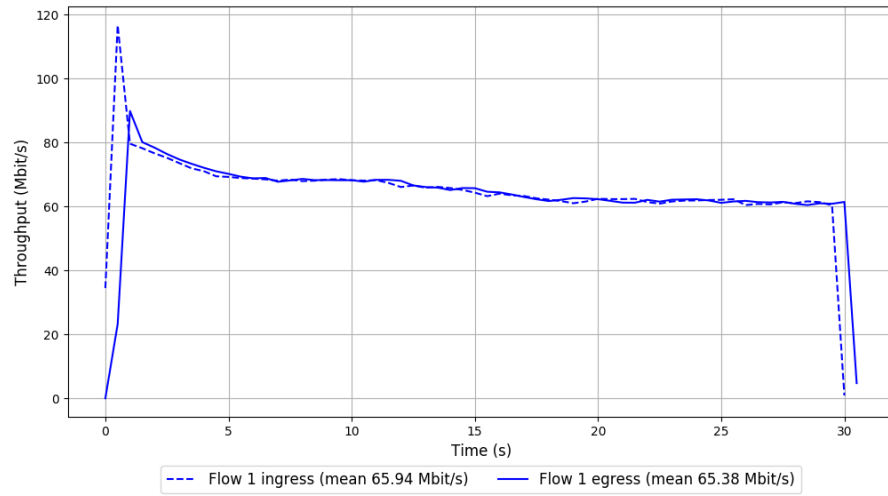


Run 1: Statistics of TCP Vegas

Start at: 2018-05-24 03:31:07
End at: 2018-05-24 03:31:37
Local clock offset: 0.91 ms
Remote clock offset: -2.094 ms

Below is generated by plot.py at 2018-05-24 07:14:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.38 Mbit/s
95th percentile per-packet one-way delay: 31.348 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 65.38 Mbit/s
95th percentile per-packet one-way delay: 31.348 ms
Loss rate: 0.84%

Run 1: Report of TCP Vegas — Data Link

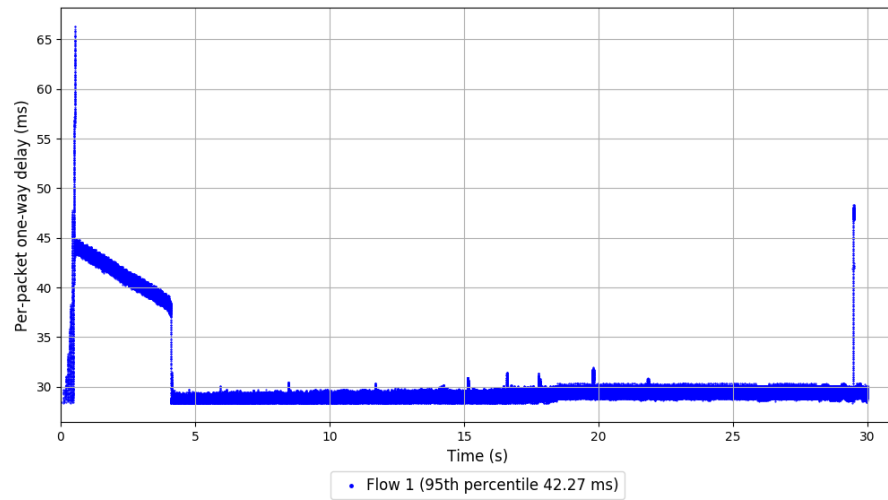
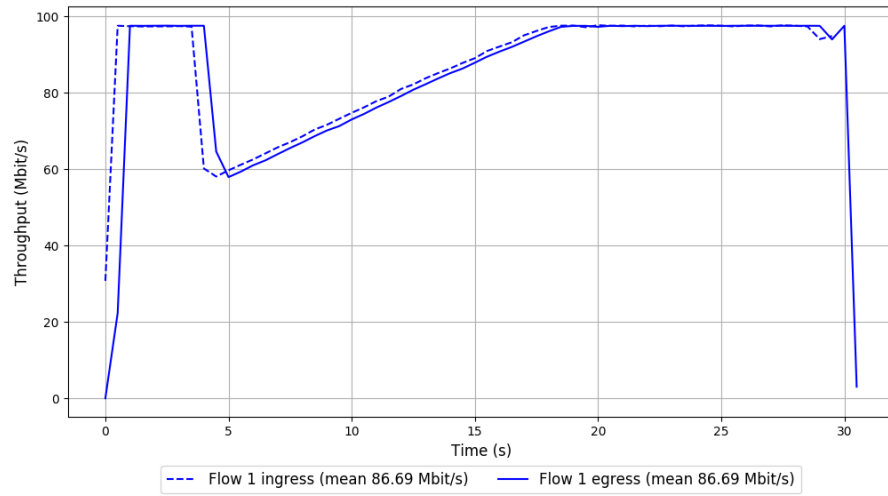


Run 2: Statistics of TCP Vegas

Start at: 2018-05-24 03:51:53
End at: 2018-05-24 03:52:23
Local clock offset: 0.807 ms
Remote clock offset: -1.895 ms

Below is generated by plot.py at 2018-05-24 07:14:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.69 Mbit/s
95th percentile per-packet one-way delay: 42.268 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.69 Mbit/s
95th percentile per-packet one-way delay: 42.268 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-05-24 04:12:39

End at: 2018-05-24 04:13:09

Local clock offset: 0.969 ms

Remote clock offset: 0.291 ms

Below is generated by plot.py at 2018-05-24 07:14:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.33 Mbit/s

95th percentile per-packet one-way delay: 45.154 ms

Loss rate: 0.00%

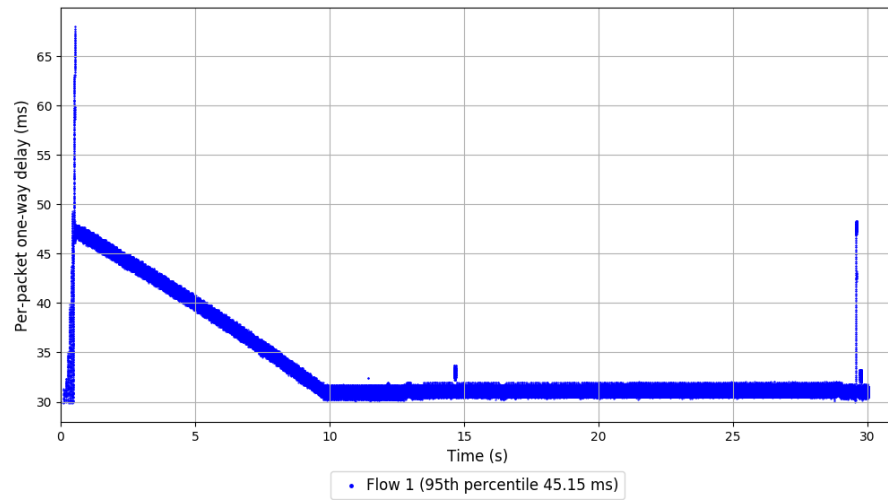
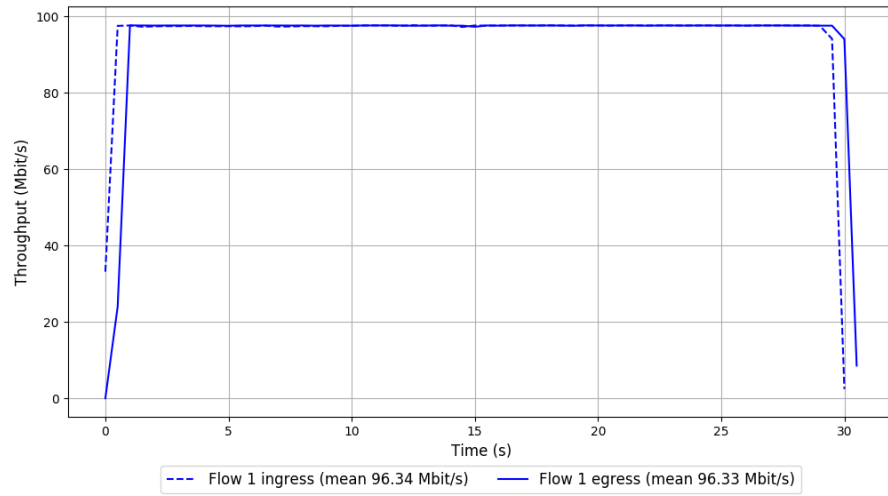
-- Flow 1:

Average throughput: 96.33 Mbit/s

95th percentile per-packet one-way delay: 45.154 ms

Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

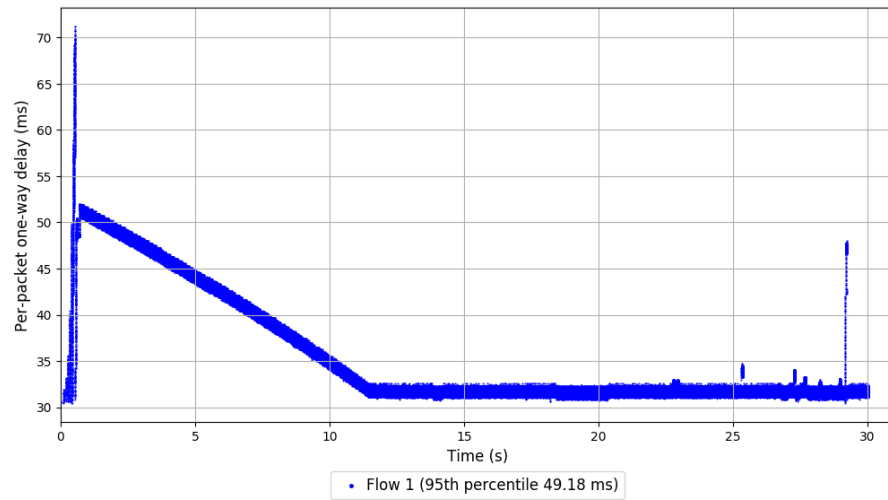
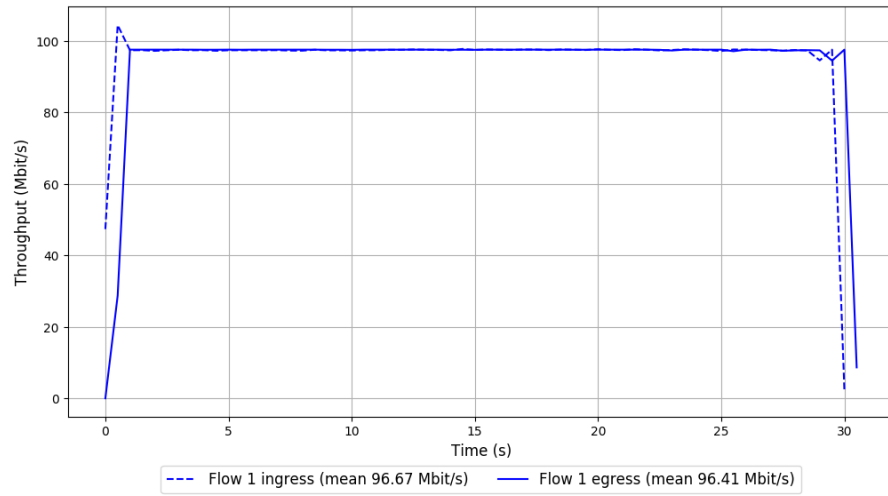


Run 4: Statistics of TCP Vegas

Start at: 2018-05-24 04:33:30
End at: 2018-05-24 04:34:00
Local clock offset: 0.91 ms
Remote clock offset: -1.415 ms

Below is generated by plot.py at 2018-05-24 07:14:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.41 Mbit/s
95th percentile per-packet one-way delay: 49.184 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 96.41 Mbit/s
95th percentile per-packet one-way delay: 49.184 ms
Loss rate: 0.27%

Run 4: Report of TCP Vegas — Data Link

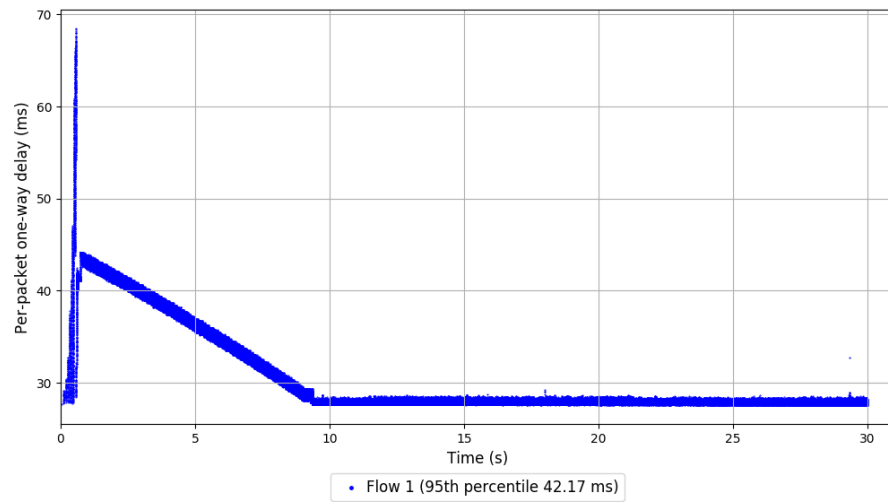
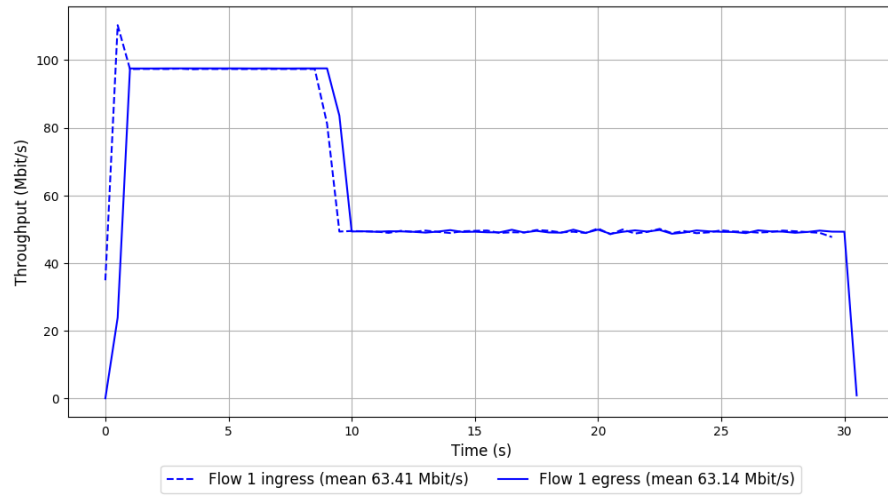


Run 5: Statistics of TCP Vegas

Start at: 2018-05-24 04:54:19
End at: 2018-05-24 04:54:49
Local clock offset: 0.768 ms
Remote clock offset: -0.053 ms

Below is generated by plot.py at 2018-05-24 07:14:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 63.14 Mbit/s
95th percentile per-packet one-way delay: 42.171 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 63.14 Mbit/s
95th percentile per-packet one-way delay: 42.171 ms
Loss rate: 0.42%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-05-24 05:15:16

End at: 2018-05-24 05:15:46

Local clock offset: 1.705 ms

Remote clock offset: 5.039 ms

Below is generated by plot.py at 2018-05-24 07:14:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.32 Mbit/s

95th percentile per-packet one-way delay: 43.712 ms

Loss rate: 0.27%

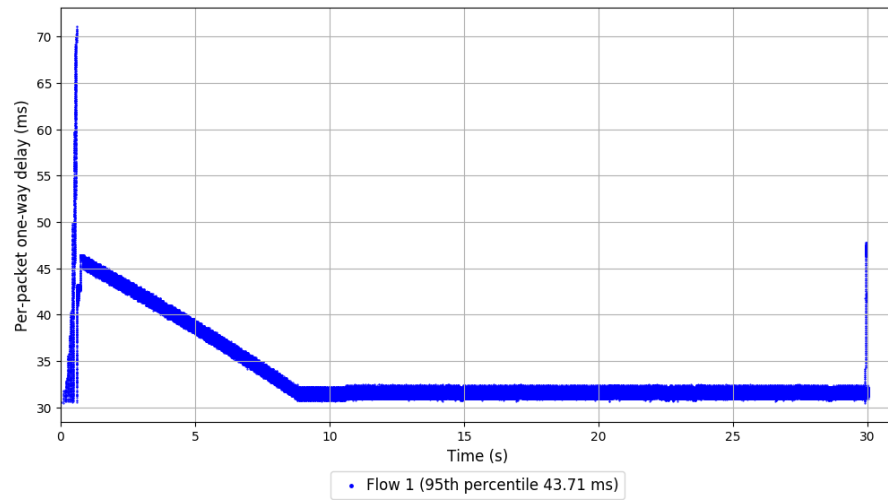
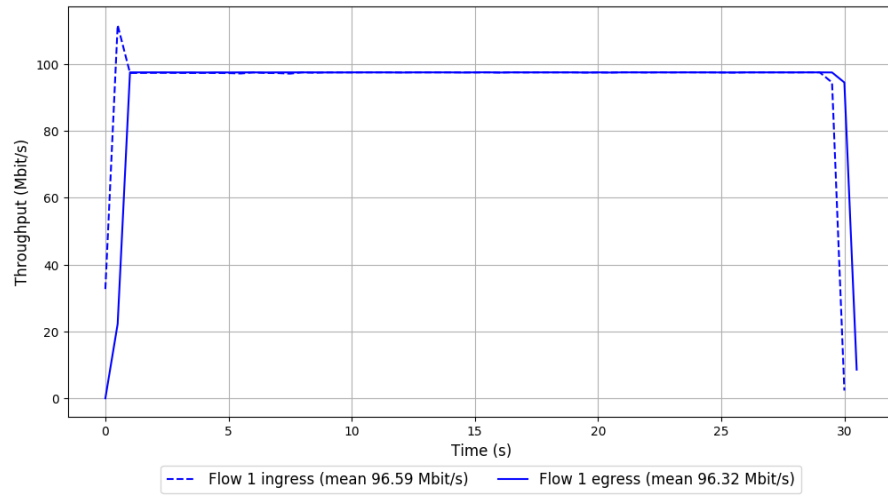
-- Flow 1:

Average throughput: 96.32 Mbit/s

95th percentile per-packet one-way delay: 43.712 ms

Loss rate: 0.27%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-05-24 05:36:11

End at: 2018-05-24 05:36:41

Local clock offset: 1.147 ms

Remote clock offset: 7.134 ms

Below is generated by plot.py at 2018-05-24 07:14:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.29 Mbit/s

95th percentile per-packet one-way delay: 31.478 ms

Loss rate: 0.58%

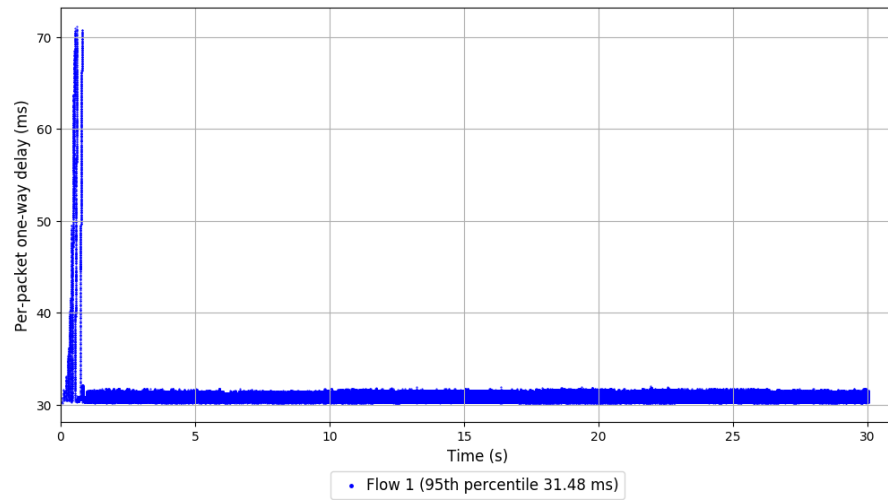
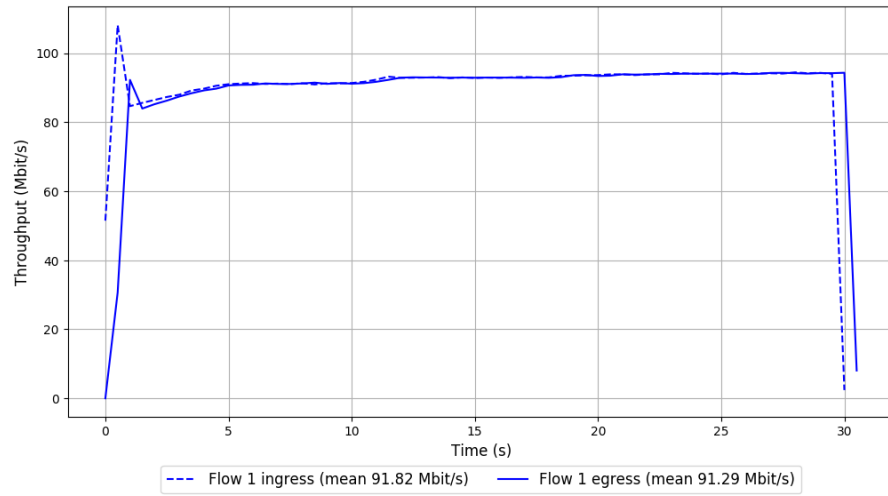
-- Flow 1:

Average throughput: 91.29 Mbit/s

95th percentile per-packet one-way delay: 31.478 ms

Loss rate: 0.58%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-05-24 05:56:58

End at: 2018-05-24 05:57:28

Local clock offset: 1.037 ms

Remote clock offset: 4.245 ms

Below is generated by plot.py at 2018-05-24 07:15:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.73 Mbit/s

95th percentile per-packet one-way delay: 46.920 ms

Loss rate: 0.31%

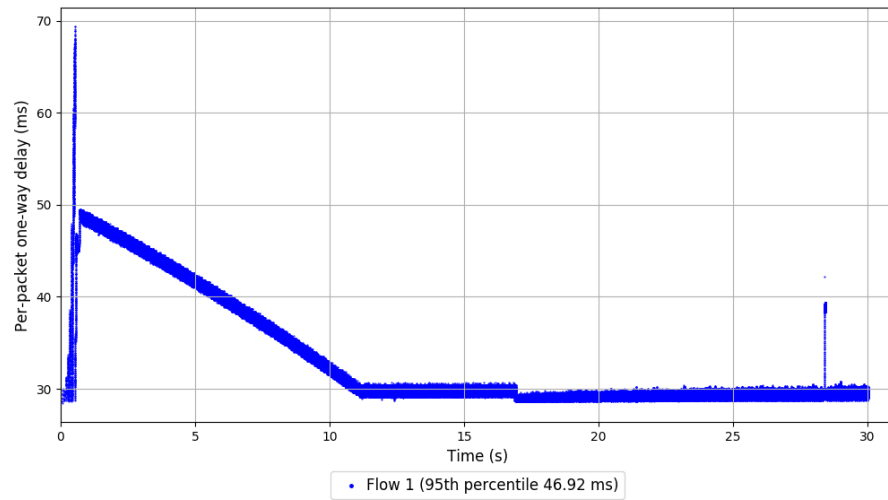
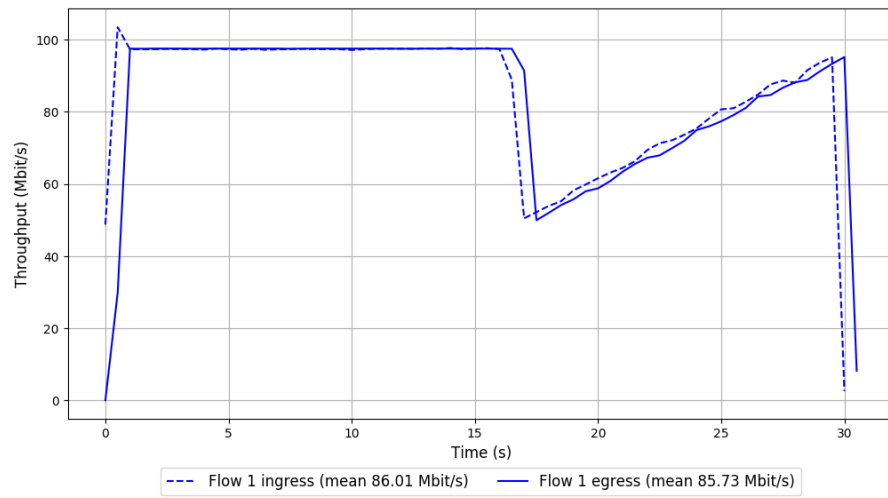
-- Flow 1:

Average throughput: 85.73 Mbit/s

95th percentile per-packet one-way delay: 46.920 ms

Loss rate: 0.31%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-05-24 06:17:37

End at: 2018-05-24 06:18:07

Local clock offset: 1.713 ms

Remote clock offset: 3.499 ms

Below is generated by plot.py at 2018-05-24 07:15:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.33 Mbit/s

95th percentile per-packet one-way delay: 44.152 ms

Loss rate: 0.26%

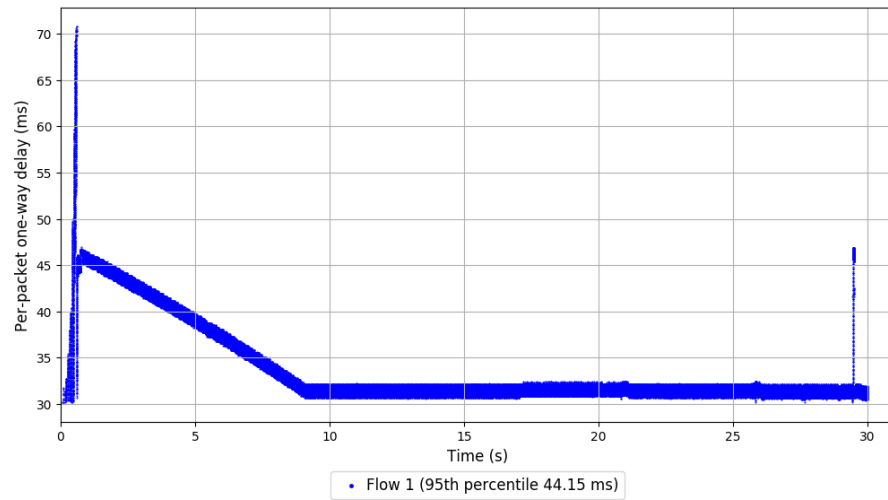
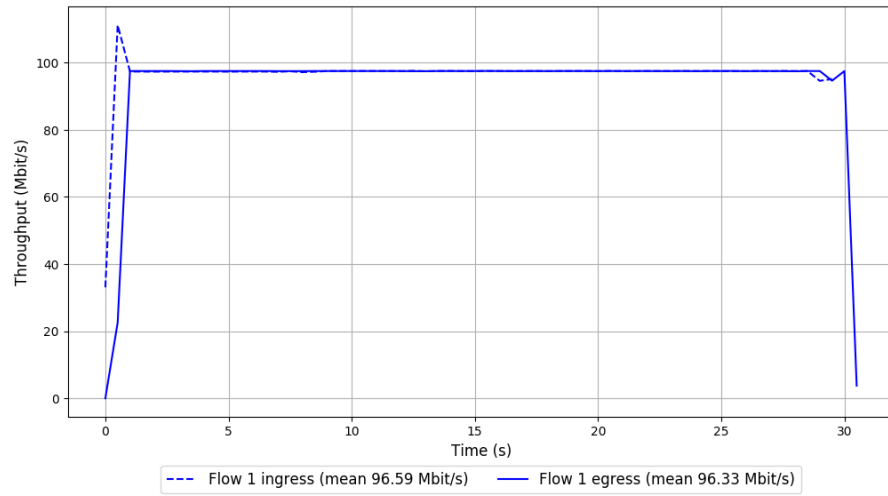
-- Flow 1:

Average throughput: 96.33 Mbit/s

95th percentile per-packet one-way delay: 44.152 ms

Loss rate: 0.26%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-05-24 06:38:27

End at: 2018-05-24 06:38:57

Local clock offset: 0.863 ms

Remote clock offset: 2.778 ms

Below is generated by plot.py at 2018-05-24 07:15:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.82 Mbit/s

95th percentile per-packet one-way delay: 44.497 ms

Loss rate: 0.31%

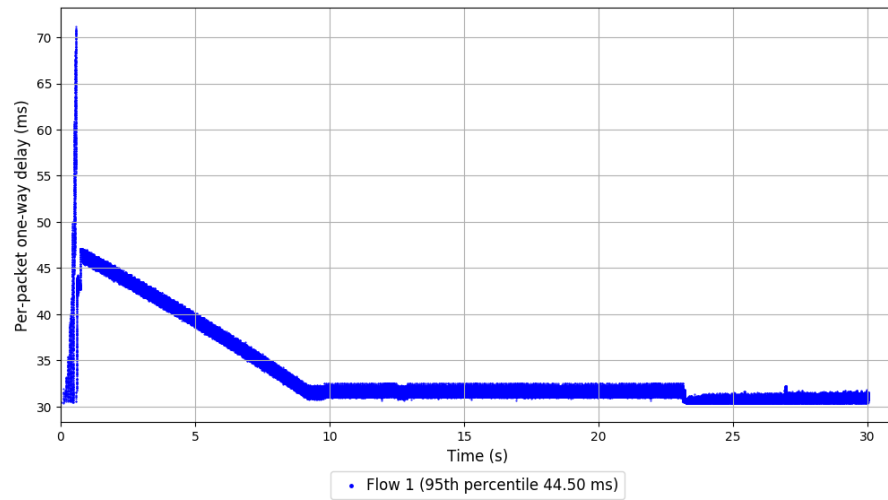
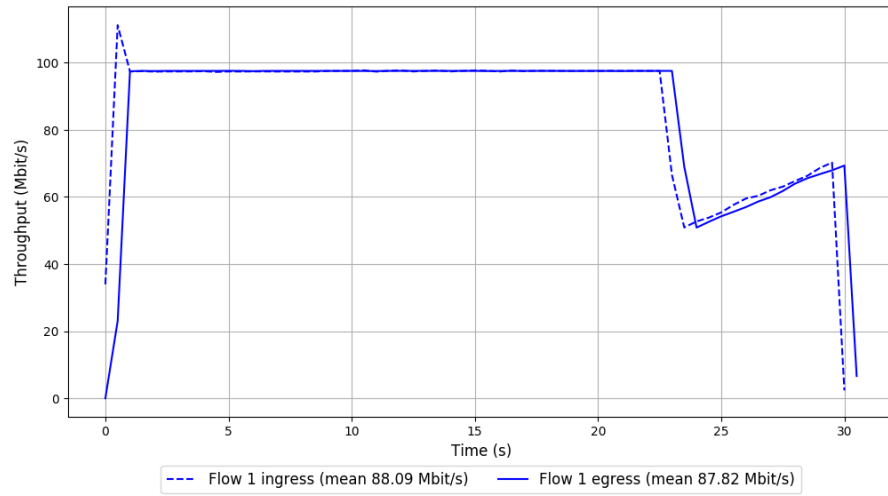
-- Flow 1:

Average throughput: 87.82 Mbit/s

95th percentile per-packet one-way delay: 44.497 ms

Loss rate: 0.31%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-05-24 03:29:52

End at: 2018-05-24 03:30:22

Local clock offset: 0.846 ms

Remote clock offset: -3.982 ms

Run 1: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 2: Statistics of Verus

Start at: 2018-05-24 03:50:38

End at: 2018-05-24 03:51:08

Local clock offset: 0.804 ms

Remote clock offset: -1.984 ms

Run 2: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 3: Statistics of Verus

Start at: 2018-05-24 04:11:25

End at: 2018-05-24 04:11:55

Local clock offset: 0.958 ms

Remote clock offset: -1.612 ms

Run 3: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 4: Statistics of Verus

Start at: 2018-05-24 04:32:15

End at: 2018-05-24 04:32:45

Local clock offset: 0.936 ms

Remote clock offset: -0.851 ms

Run 4: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 5: Statistics of Verus

Start at: 2018-05-24 04:53:04

End at: 2018-05-24 04:53:34

Local clock offset: 0.849 ms

Remote clock offset: 1.799 ms

Run 5: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 6: Statistics of Verus

Start at: 2018-05-24 05:14:01

End at: 2018-05-24 05:14:31

Local clock offset: 1.674 ms

Remote clock offset: 4.923 ms

Run 6: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 7: Statistics of Verus

Start at: 2018-05-24 05:34:56

End at: 2018-05-24 05:35:27

Local clock offset: 1.3 ms

Remote clock offset: 7.142 ms

Run 7: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 8: Statistics of Verus

Start at: 2018-05-24 05:55:43

End at: 2018-05-24 05:56:13

Local clock offset: 0.943 ms

Remote clock offset: 6.918 ms

Run 8: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 9: Statistics of Verus

Start at: 2018-05-24 06:16:22

End at: 2018-05-24 06:16:52

Local clock offset: 1.695 ms

Remote clock offset: 1.097 ms

Run 9: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 10: Statistics of Verus

Start at: 2018-05-24 06:37:12

End at: 2018-05-24 06:37:42

Local clock offset: 0.888 ms

Remote clock offset: 2.829 ms

Run 10: Report of Verus — Data Link

Figure is missing

Figure is missing

Run 1: Statistics of PCC-Vivace

Start at: 2018-05-24 03:44:04

End at: 2018-05-24 03:44:34

Local clock offset: 0.729 ms

Remote clock offset: -0.624 ms

Below is generated by plot.py at 2018-05-24 07:15:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.92 Mbit/s

95th percentile per-packet one-way delay: 36.085 ms

Loss rate: 0.11%

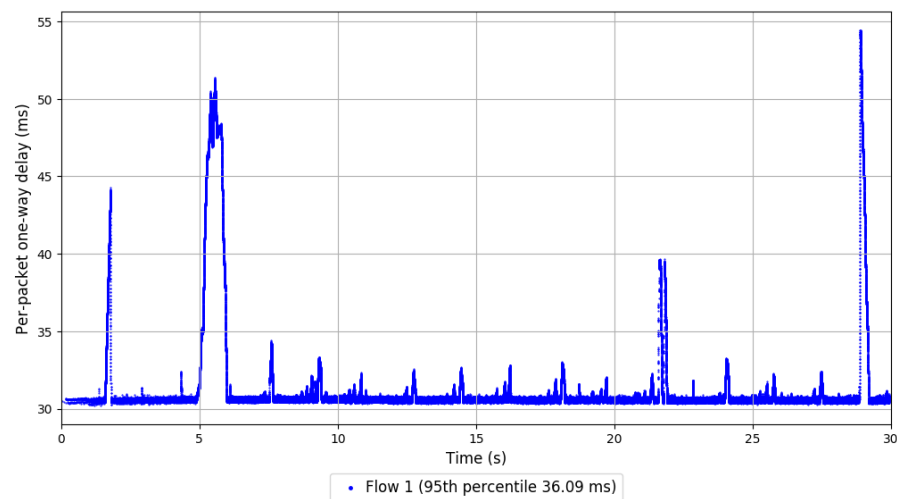
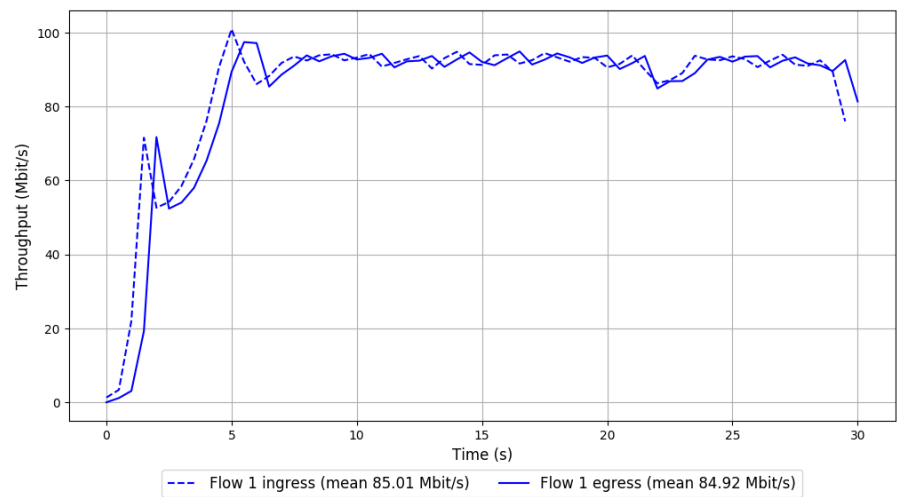
-- Flow 1:

Average throughput: 84.92 Mbit/s

95th percentile per-packet one-way delay: 36.085 ms

Loss rate: 0.11%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2018-05-24 04:04:52

End at: 2018-05-24 04:05:22

Local clock offset: 0.925 ms

Remote clock offset: 0.428 ms

Below is generated by plot.py at 2018-05-24 07:15:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.87 Mbit/s

95th percentile per-packet one-way delay: 31.839 ms

Loss rate: 0.00%

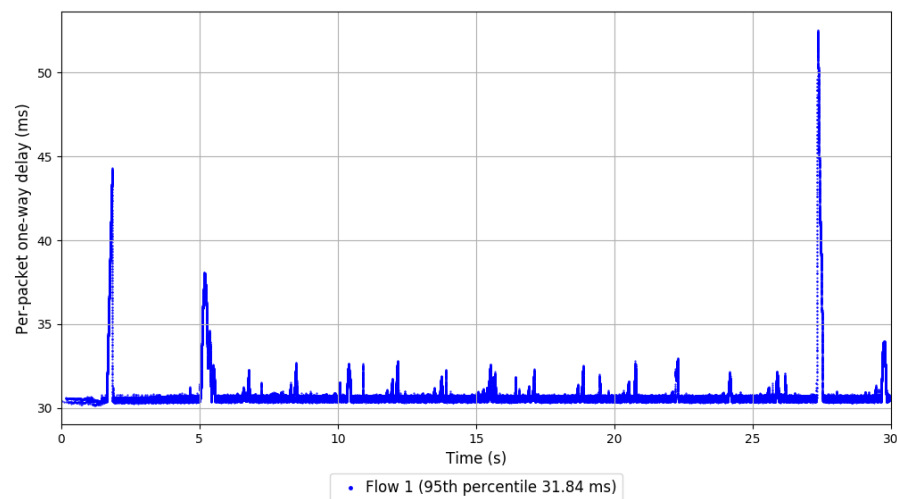
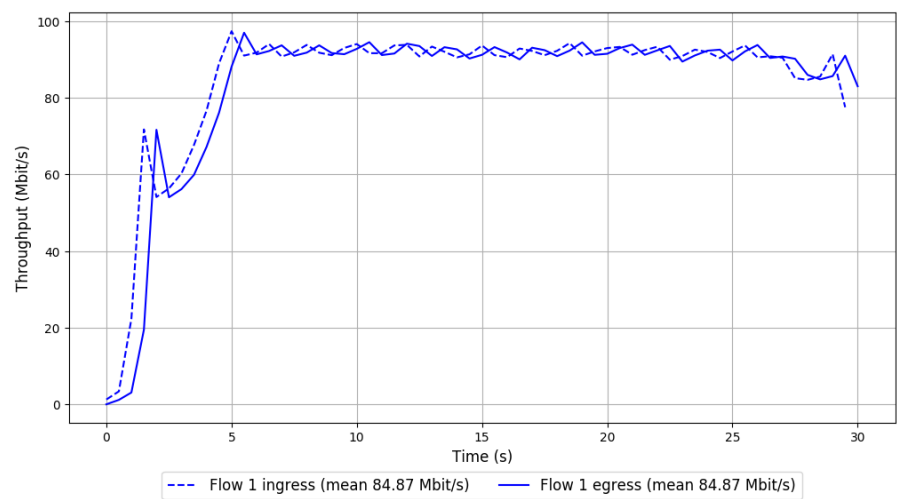
-- Flow 1:

Average throughput: 84.87 Mbit/s

95th percentile per-packet one-way delay: 31.839 ms

Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link



Run 3: Statistics of PCC-Vivace

Start at: 2018-05-24 04:25:43

End at: 2018-05-24 04:26:13

Local clock offset: 0.923 ms

Remote clock offset: -1.058 ms

Below is generated by plot.py at 2018-05-24 07:15:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.37 Mbit/s

95th percentile per-packet one-way delay: 32.475 ms

Loss rate: 0.00%

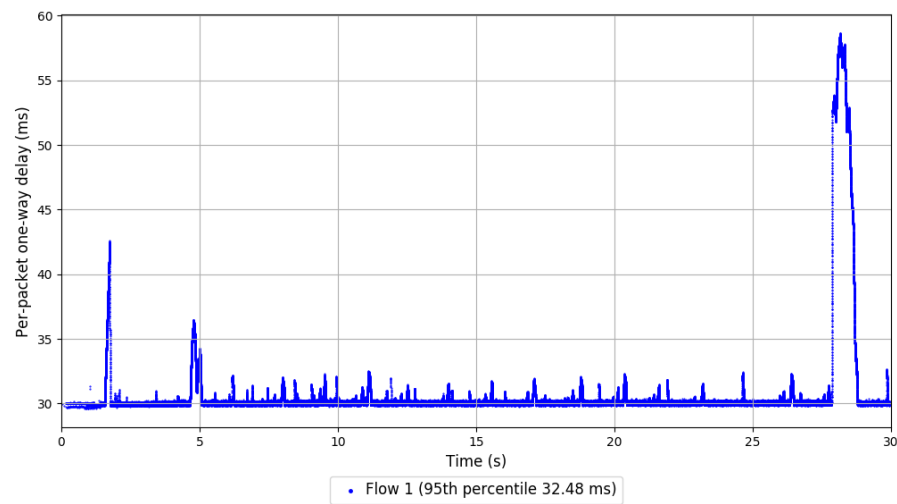
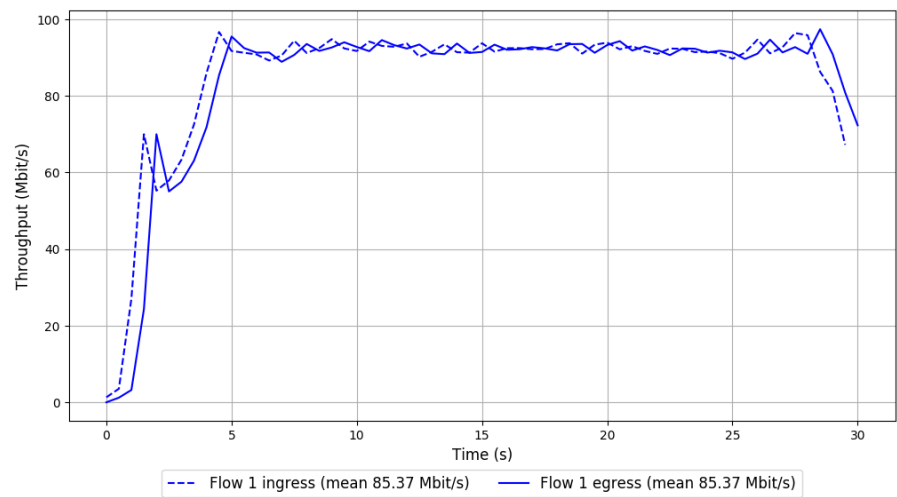
-- Flow 1:

Average throughput: 85.37 Mbit/s

95th percentile per-packet one-way delay: 32.475 ms

Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

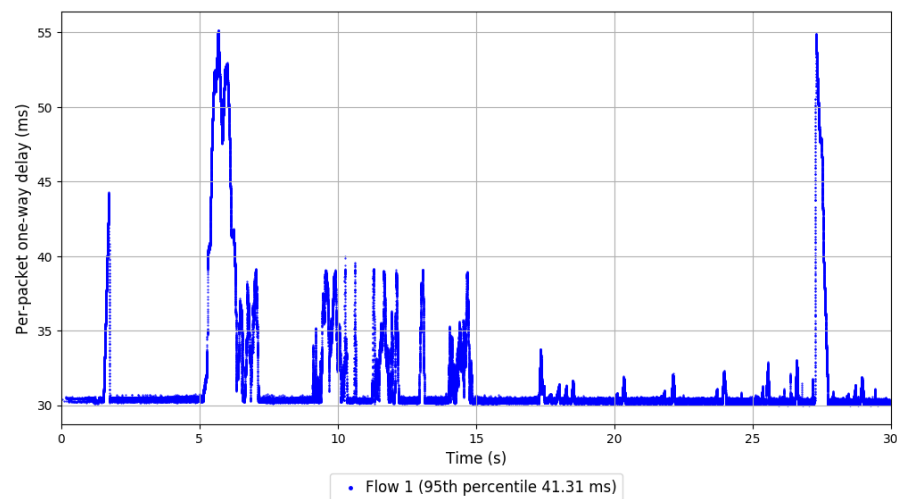
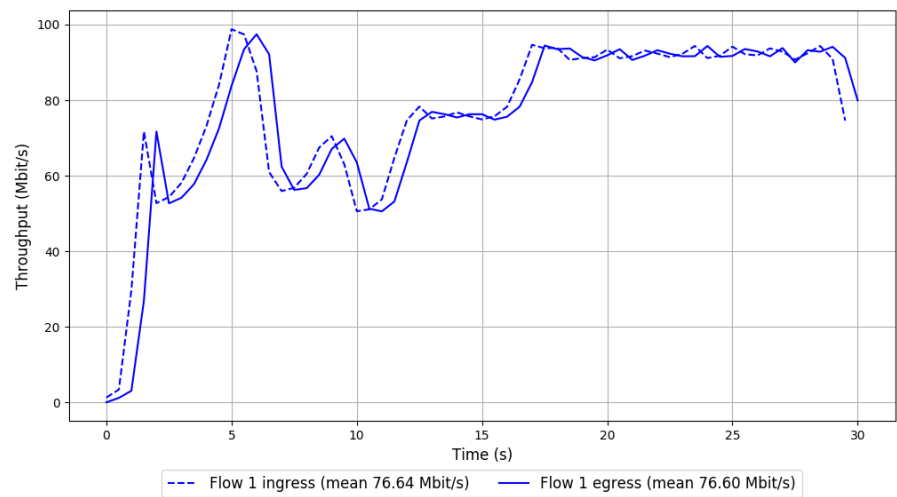


Run 4: Statistics of PCC-Vivace

Start at: 2018-05-24 04:46:31
End at: 2018-05-24 04:47:01
Local clock offset: 0.787 ms
Remote clock offset: -1.072 ms

Below is generated by plot.py at 2018-05-24 07:15:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.60 Mbit/s
95th percentile per-packet one-way delay: 41.308 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 76.60 Mbit/s
95th percentile per-packet one-way delay: 41.308 ms
Loss rate: 0.06%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2018-05-24 05:07:15

End at: 2018-05-24 05:07:46

Local clock offset: 1.557 ms

Remote clock offset: 4.256 ms

Below is generated by plot.py at 2018-05-24 07:16:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.54 Mbit/s

95th percentile per-packet one-way delay: 31.331 ms

Loss rate: 0.00%

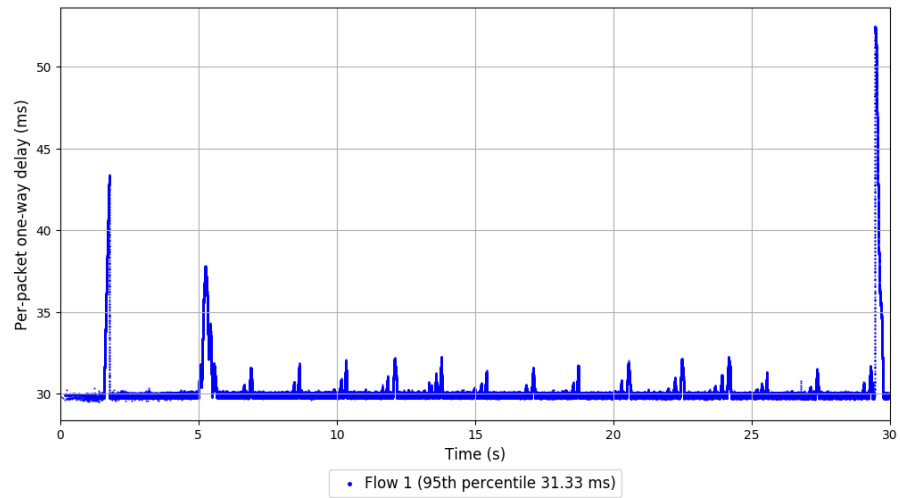
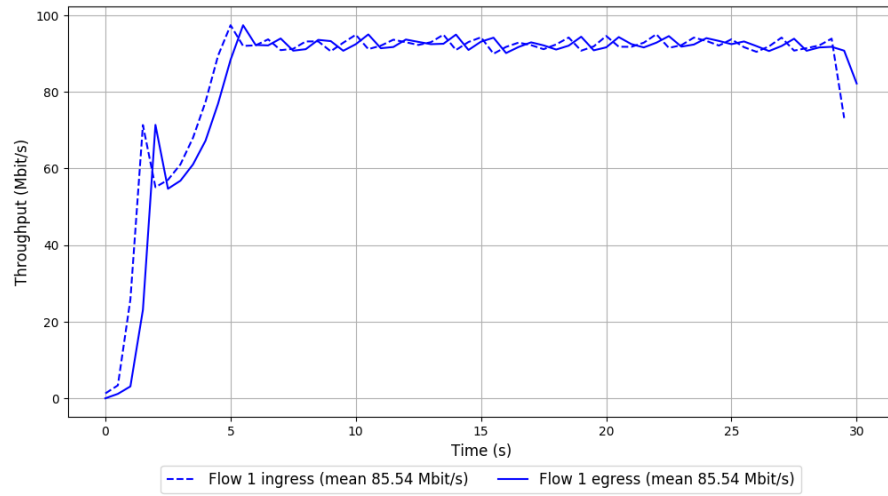
-- Flow 1:

Average throughput: 85.54 Mbit/s

95th percentile per-packet one-way delay: 31.331 ms

Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link



Run 6: Statistics of PCC-Vivace

Start at: 2018-05-24 05:28:18

End at: 2018-05-24 05:28:48

Local clock offset: 1.745 ms

Remote clock offset: 6.062 ms

Below is generated by plot.py at 2018-05-24 07:16:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.25 Mbit/s

95th percentile per-packet one-way delay: 31.275 ms

Loss rate: 0.00%

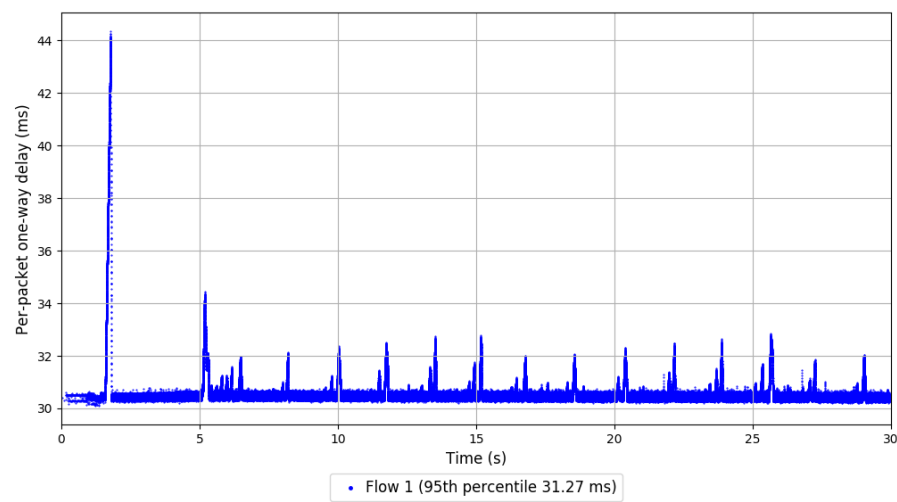
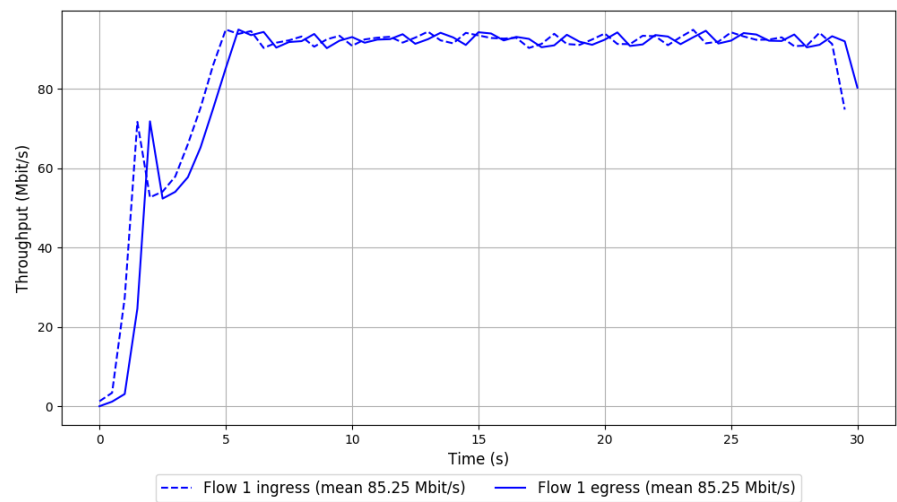
-- Flow 1:

Average throughput: 85.25 Mbit/s

95th percentile per-packet one-way delay: 31.275 ms

Loss rate: 0.00%

Run 6: Report of PCC-Vivace — Data Link



Run 7: Statistics of PCC-Vivace

Start at: 2018-05-24 05:49:12

End at: 2018-05-24 05:49:42

Local clock offset: 0.985 ms

Remote clock offset: 8.063 ms

Below is generated by plot.py at 2018-05-24 07:16:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.51 Mbit/s

95th percentile per-packet one-way delay: 37.735 ms

Loss rate: 0.00%

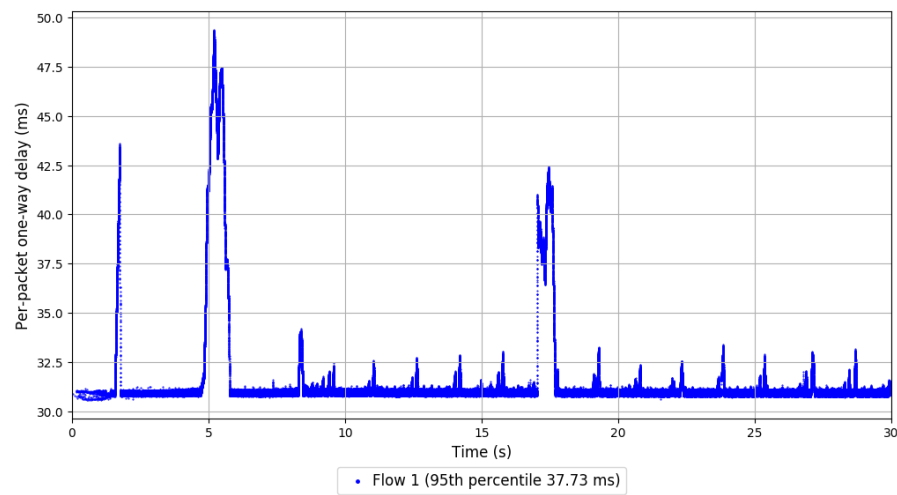
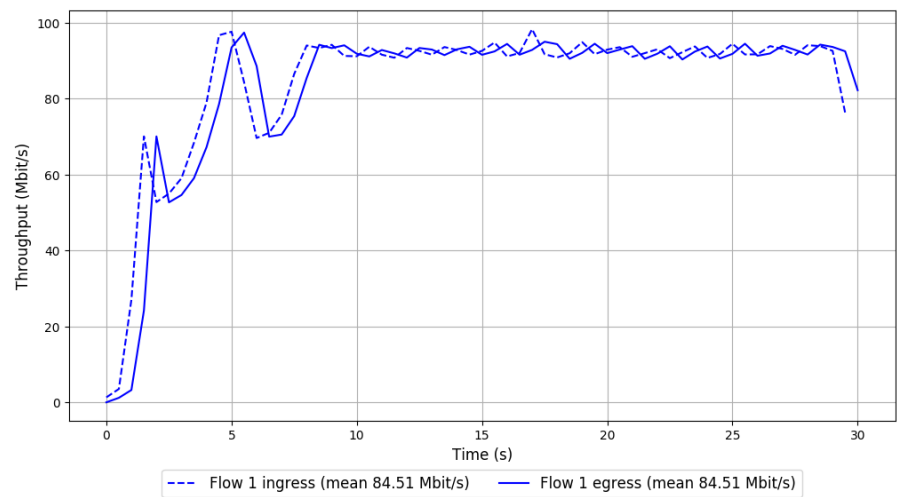
-- Flow 1:

Average throughput: 84.51 Mbit/s

95th percentile per-packet one-way delay: 37.735 ms

Loss rate: 0.00%

Run 7: Report of PCC-Vivace — Data Link



Run 8: Statistics of PCC-Vivace

Start at: 2018-05-24 06:09:52

End at: 2018-05-24 06:10:22

Local clock offset: 1.506 ms

Remote clock offset: 4.083 ms

Below is generated by plot.py at 2018-05-24 07:16:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.62 Mbit/s

95th percentile per-packet one-way delay: 44.009 ms

Loss rate: 0.00%

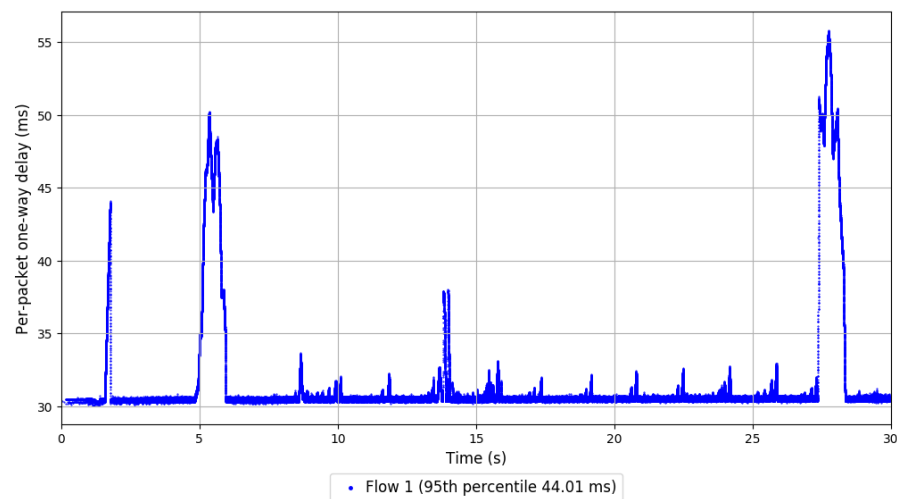
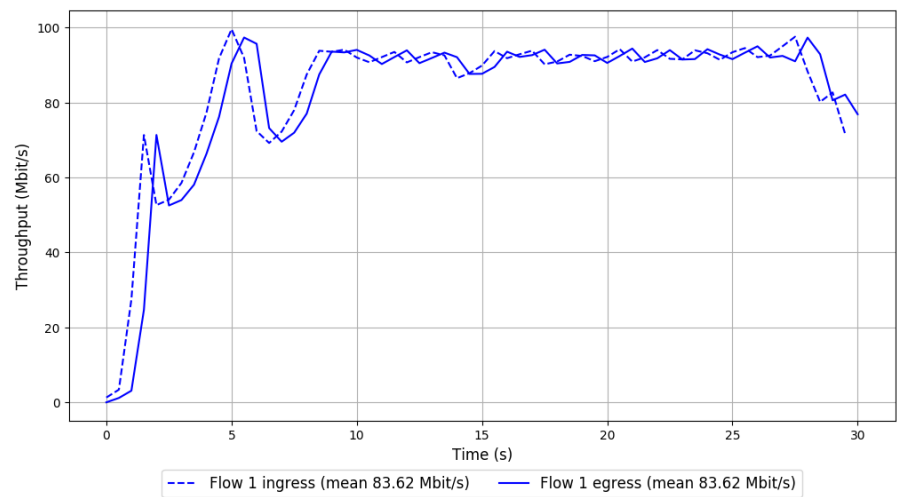
-- Flow 1:

Average throughput: 83.62 Mbit/s

95th percentile per-packet one-way delay: 44.009 ms

Loss rate: 0.00%

Run 8: Report of PCC-Vivace — Data Link



Run 9: Statistics of PCC-Vivace

Start at: 2018-05-24 06:30:38

End at: 2018-05-24 06:31:08

Local clock offset: 1.297 ms

Remote clock offset: 0.665 ms

Below is generated by plot.py at 2018-05-24 07:16:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.89 Mbit/s

95th percentile per-packet one-way delay: 29.020 ms

Loss rate: 0.00%

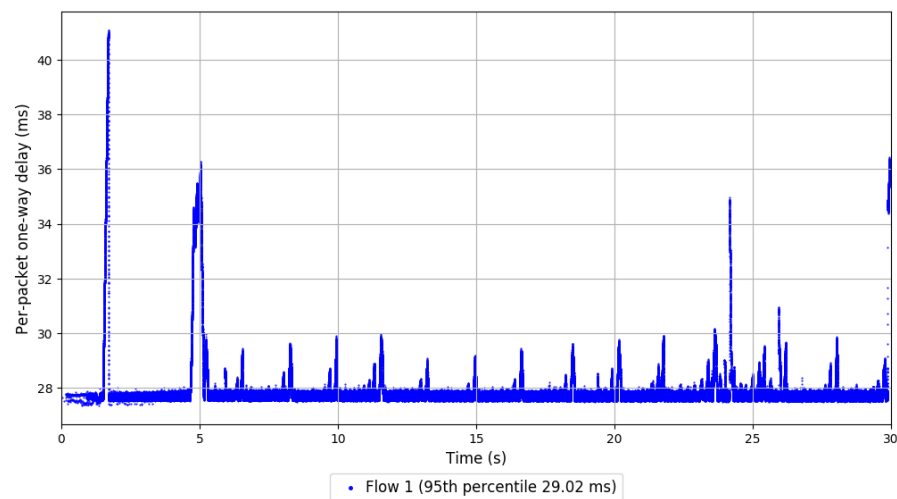
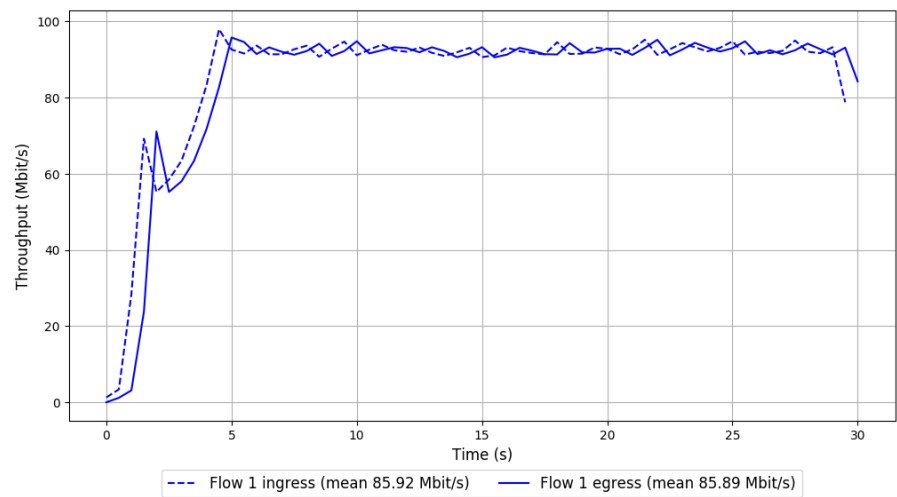
-- Flow 1:

Average throughput: 85.89 Mbit/s

95th percentile per-packet one-way delay: 29.020 ms

Loss rate: 0.00%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-05-24 06:51:25

End at: 2018-05-24 06:51:55

Local clock offset: 0.472 ms

Remote clock offset: 2.713 ms

Below is generated by plot.py at 2018-05-24 07:16:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.06 Mbit/s

95th percentile per-packet one-way delay: 34.394 ms

Loss rate: 0.00%

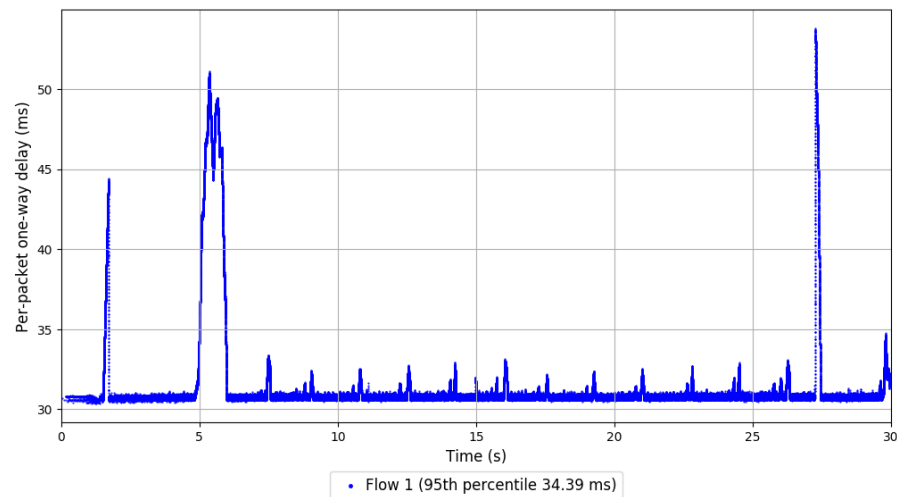
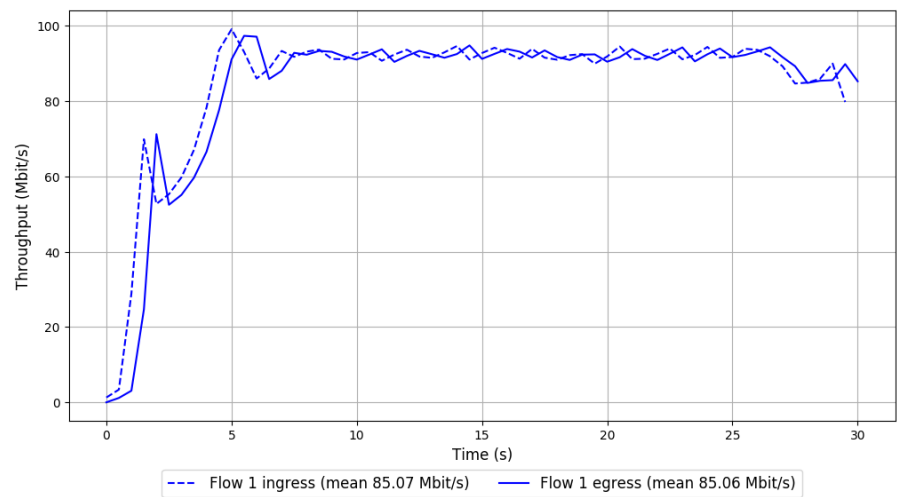
-- Flow 1:

Average throughput: 85.06 Mbit/s

95th percentile per-packet one-way delay: 34.394 ms

Loss rate: 0.00%

Run 10: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-05-24 03:41:34

End at: 2018-05-24 03:42:04

Local clock offset: 0.828 ms

Remote clock offset: -1.03 ms

Below is generated by plot.py at 2018-05-24 07:16:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 31.974 ms

Loss rate: 0.00%

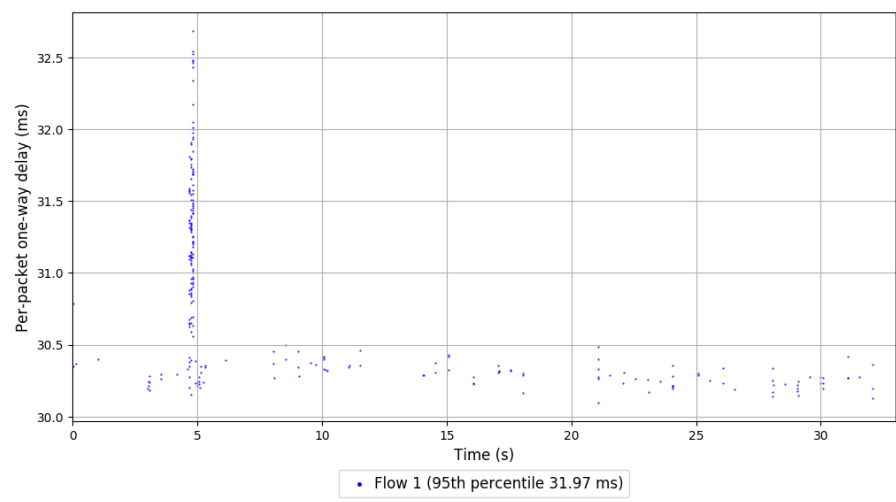
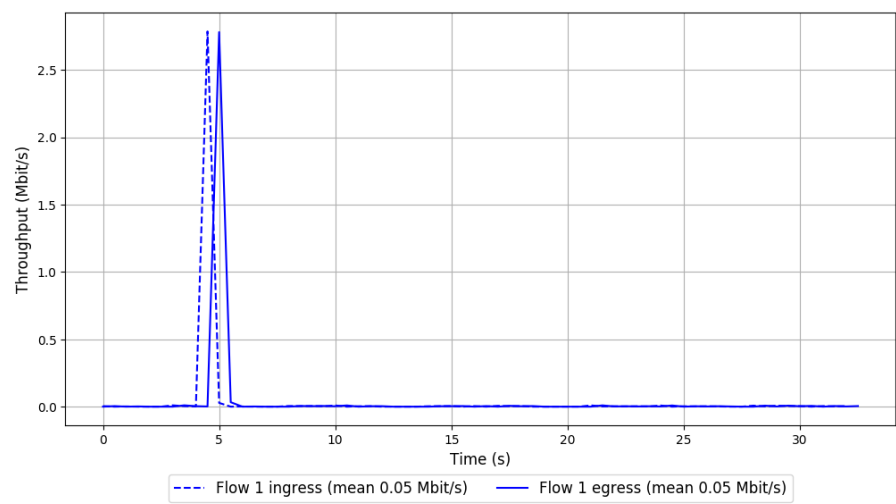
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 31.974 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-05-24 04:02:19

End at: 2018-05-24 04:02:49

Local clock offset: 0.897 ms

Remote clock offset: 0.45 ms

Below is generated by plot.py at 2018-05-24 07:16:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 32.265 ms

Loss rate: 0.00%

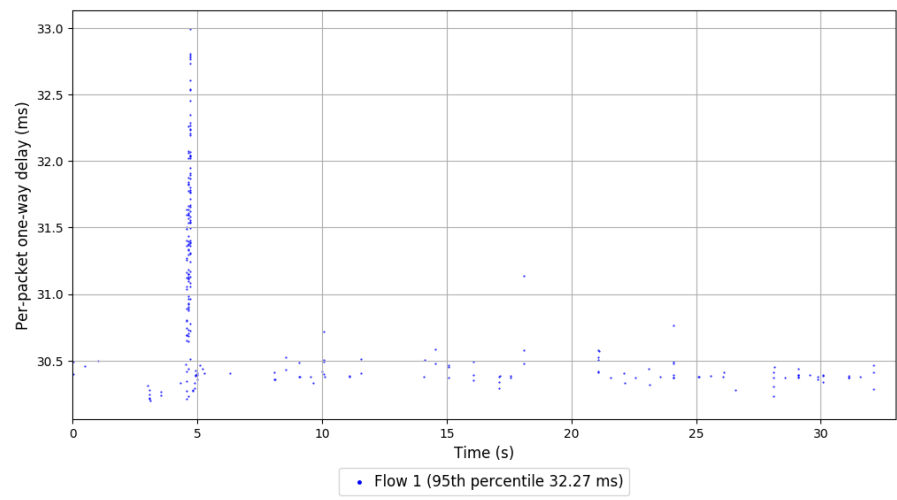
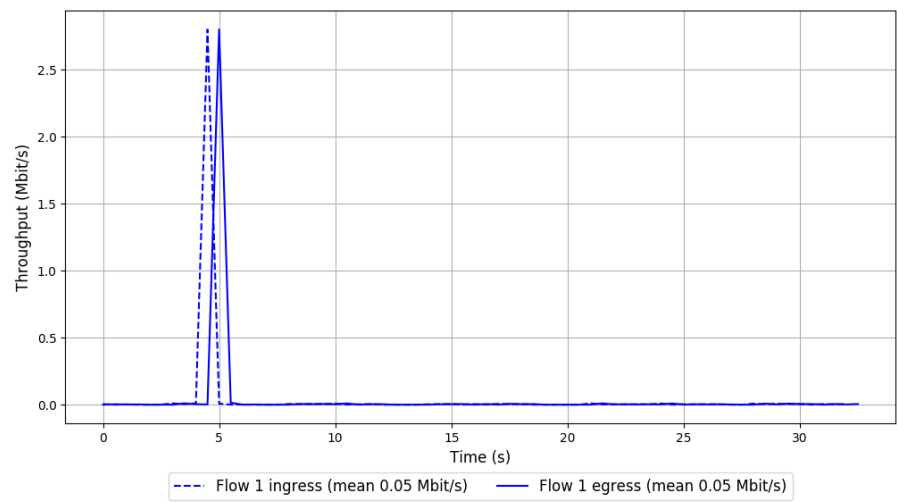
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 32.265 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

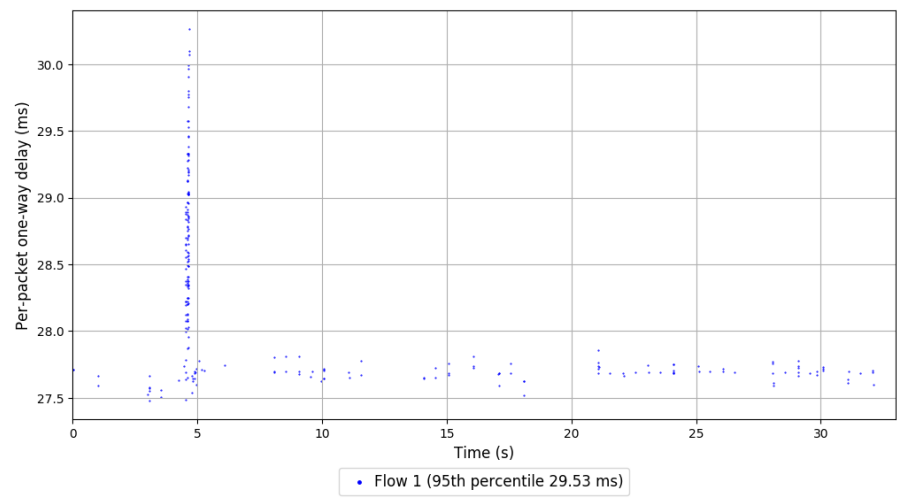
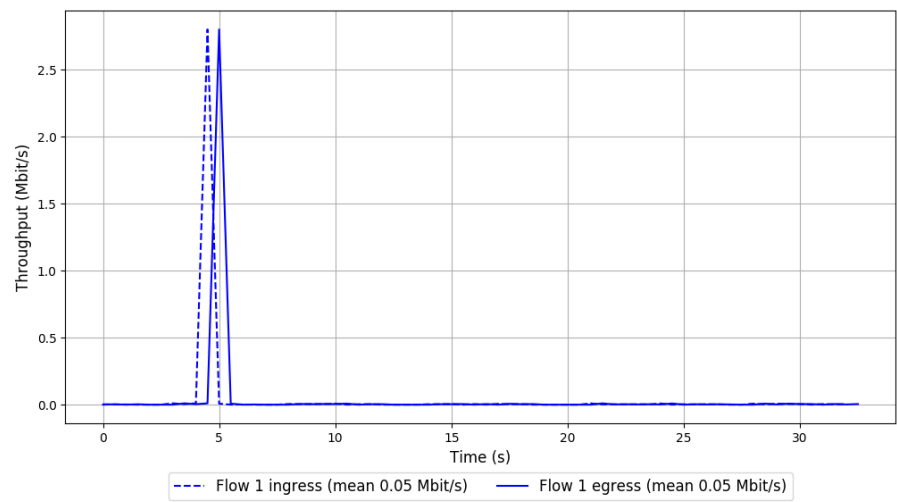


Run 3: Statistics of WebRTC media

Start at: 2018-05-24 04:23:09
End at: 2018-05-24 04:23:39
Local clock offset: 1.01 ms
Remote clock offset: -2.943 ms

Below is generated by plot.py at 2018-05-24 07:16:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 29.526 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 29.526 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

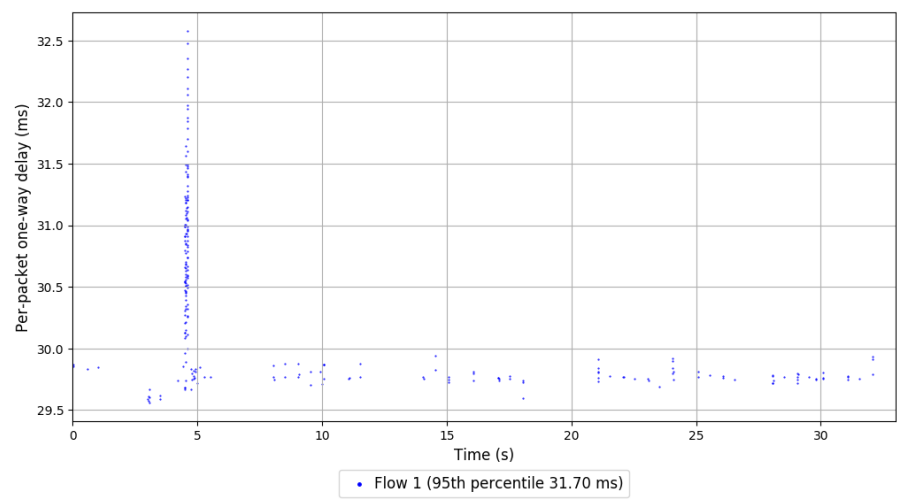
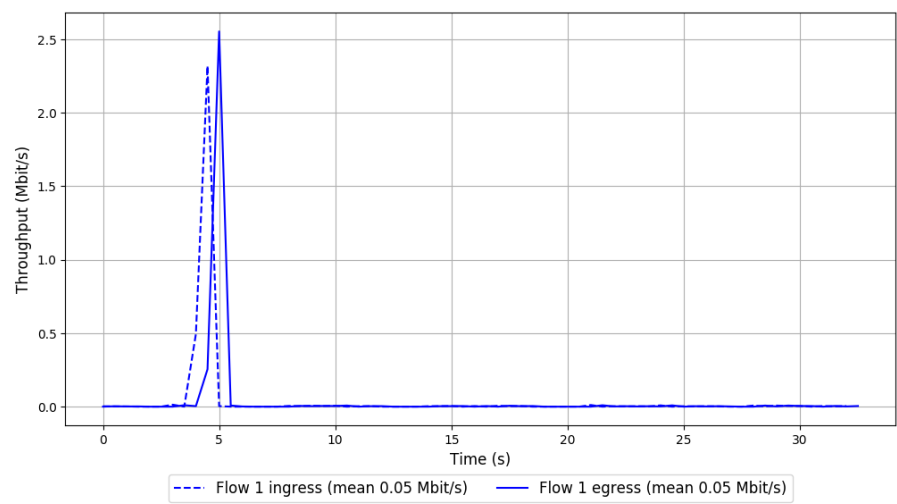


Run 4: Statistics of WebRTC media

Start at: 2018-05-24 04:43:58
End at: 2018-05-24 04:44:28
Local clock offset: 0.796 ms
Remote clock offset: -1.818 ms

Below is generated by plot.py at 2018-05-24 07:16:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.697 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 31.697 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-05-24 05:04:42

End at: 2018-05-24 05:05:12

Local clock offset: 1.438 ms

Remote clock offset: 1.876 ms

Below is generated by plot.py at 2018-05-24 07:16:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 30.162 ms

Loss rate: 0.00%

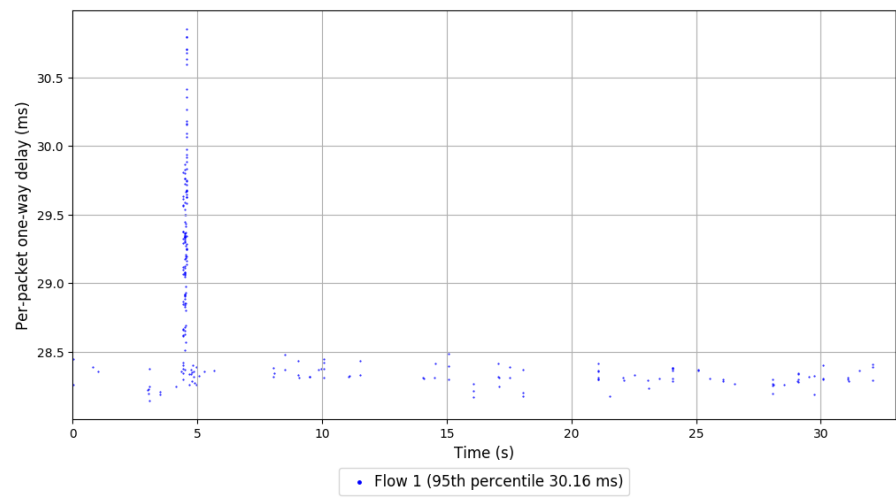
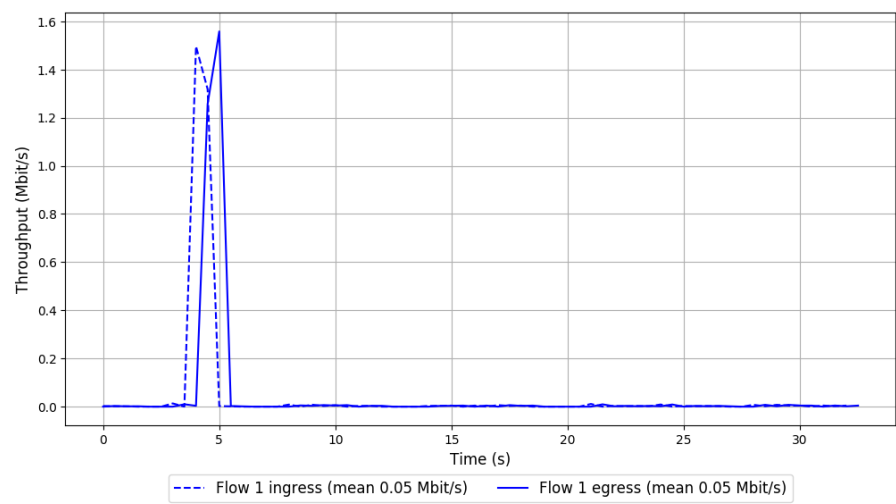
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 30.162 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-05-24 05:25:44

End at: 2018-05-24 05:26:14

Local clock offset: 1.974 ms

Remote clock offset: 5.834 ms

Below is generated by plot.py at 2018-05-24 07:16:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 31.966 ms

Loss rate: 0.00%

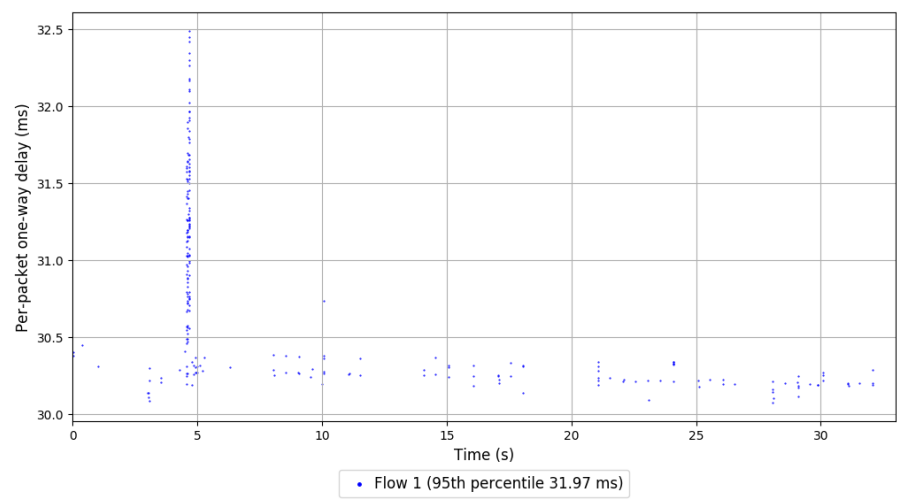
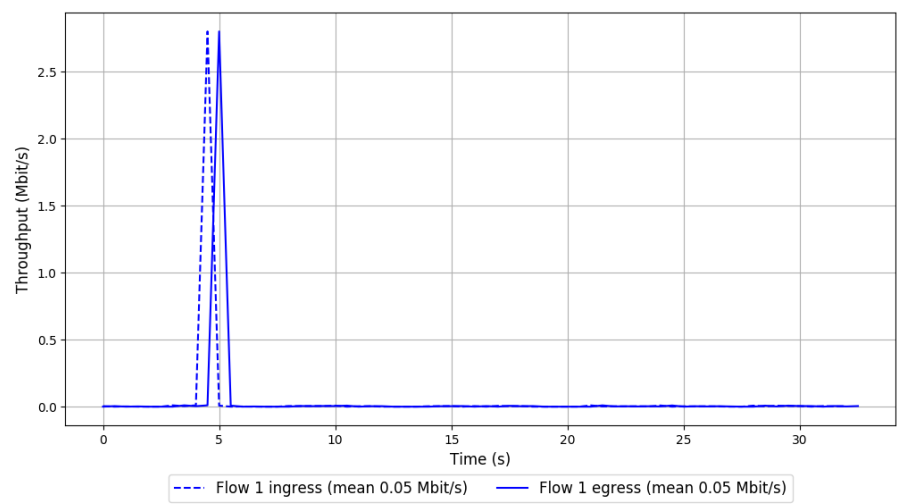
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 31.966 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-05-24 05:46:39

End at: 2018-05-24 05:47:09

Local clock offset: 0.922 ms

Remote clock offset: 7.52 ms

Below is generated by plot.py at 2018-05-24 07:16:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 31.498 ms

Loss rate: 0.00%

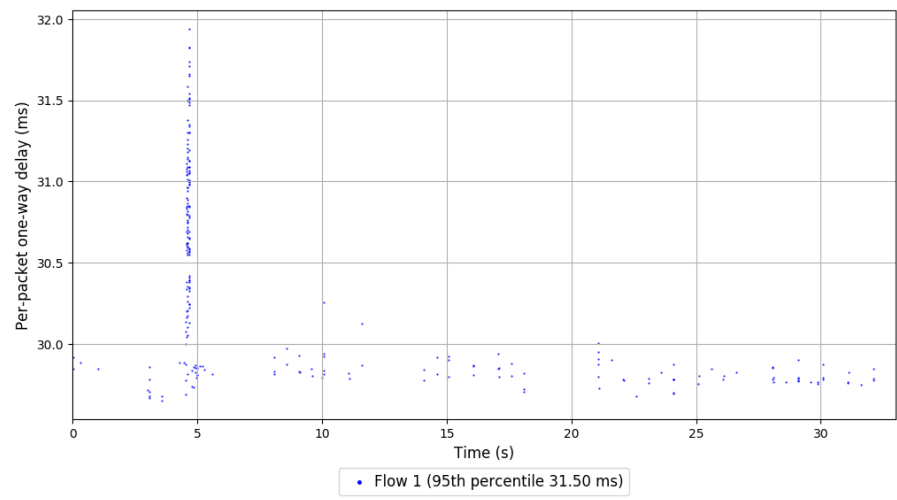
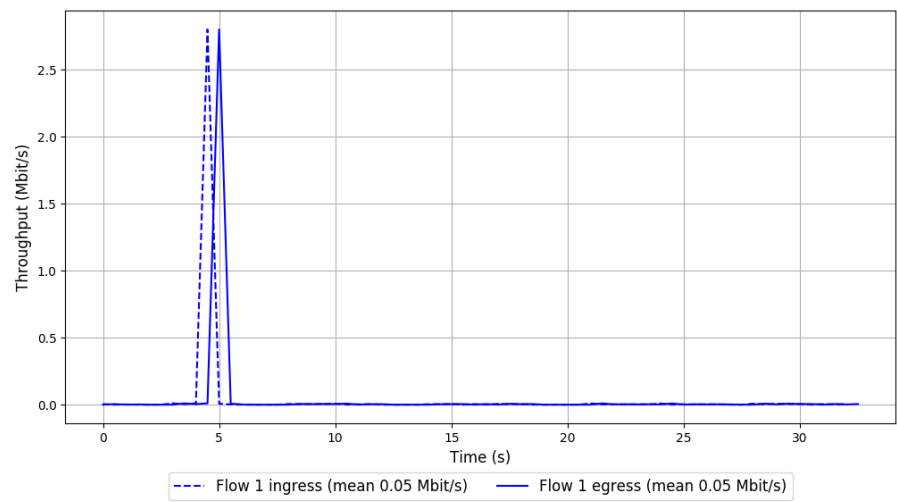
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 31.498 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-05-24 06:07:19

End at: 2018-05-24 06:07:49

Local clock offset: 1.542 ms

Remote clock offset: 4.364 ms

Below is generated by plot.py at 2018-05-24 07:16:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 32.669 ms

Loss rate: 0.00%

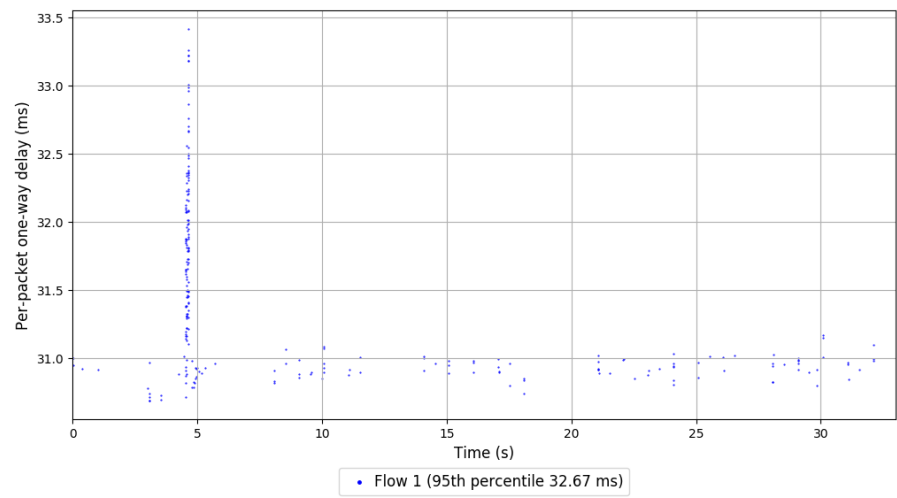
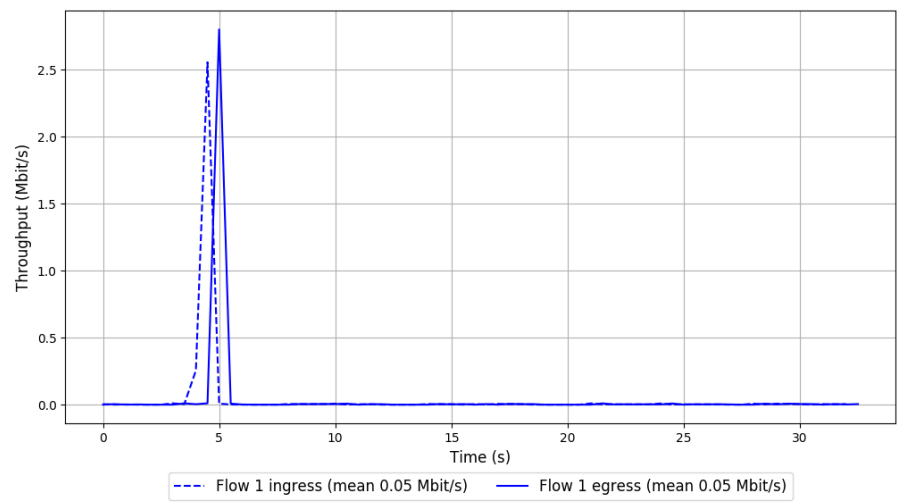
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 32.669 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-05-24 06:28:04

End at: 2018-05-24 06:28:34

Local clock offset: 1.547 ms

Remote clock offset: 2.792 ms

Below is generated by plot.py at 2018-05-24 07:16:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 31.921 ms

Loss rate: 0.00%

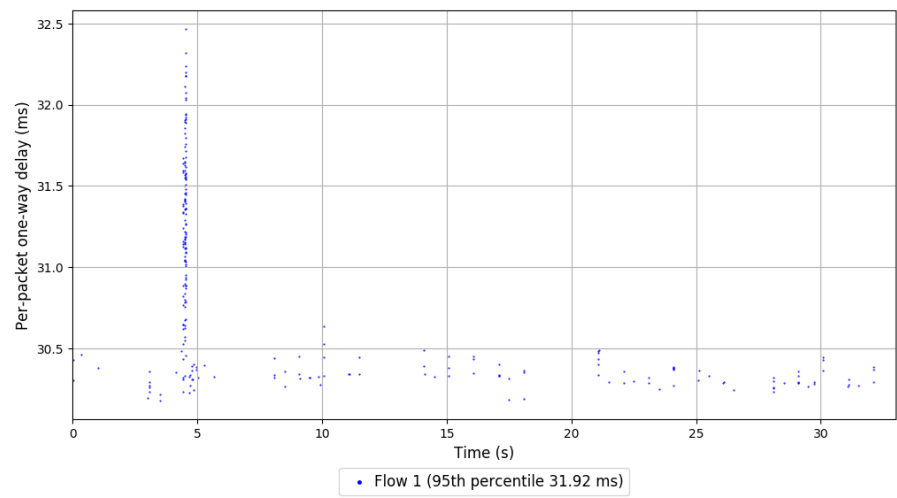
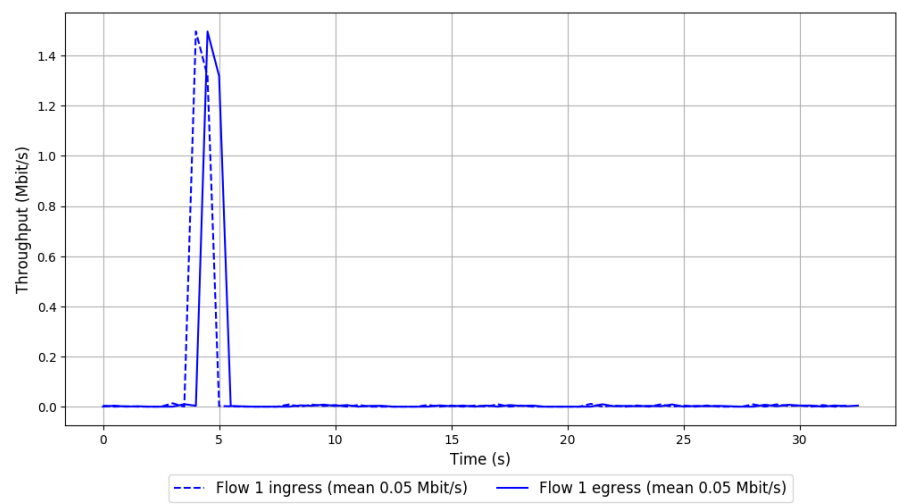
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 31.921 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-05-24 06:48:52

End at: 2018-05-24 06:49:22

Local clock offset: 0.6 ms

Remote clock offset: 2.616 ms

Below is generated by plot.py at 2018-05-24 07:16:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 32.165 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 32.165 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

