

Pantheon Report

Generated at 2017-11-16 03:09:45 (UTC).

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

Repeated the test of 14 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).

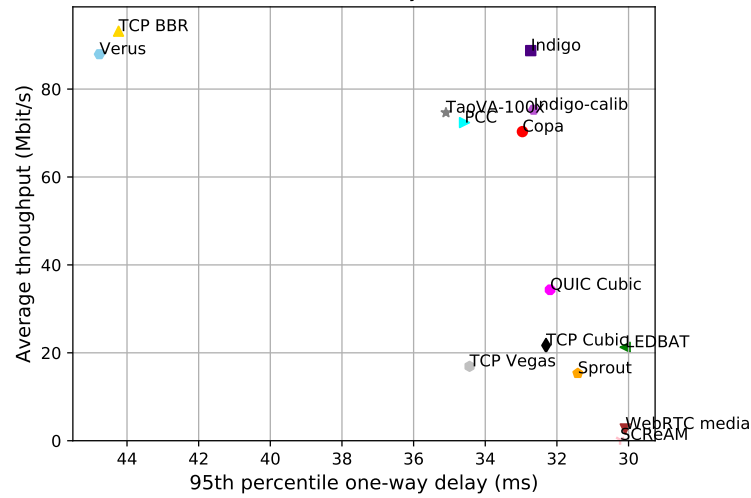
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

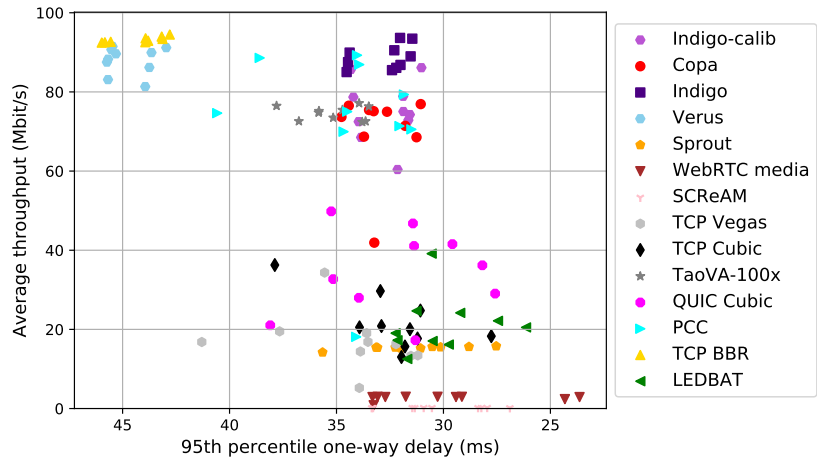
Git summary:

```
branch: indigos @ f54f2953f2a9765c9ffa988d13de5a9471790eb0
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-cellular @ aee99e8eb842cb053f8c9a80e28cd256a930bbc2
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/indigo-no-cwnd @ 3e58442c04028a11d7b02456e137604633ba2d6c
third_party/indigo-no-delivery-rate @ 57caa40858b964906edff4876d5a7e5bfff666c5
third_party/indigo-no-queuing-delay @ 03455460fd1a8ffbdad86fabb936fdca204b80db
third_party/indigo-no-send-rate @ b39dfa6b2c5f19cb7cd89626cb4f5bb81f9fecda
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
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/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaaeb30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

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



test from Mexico Ethernet to AWS California 2 Ethernet, 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	9	93.18	44.24	0.93
TCP Cubic	10	21.68	32.30	0.44
LEDBAT	10	21.27	30.10	0.39
PCC	10	72.37	34.58	0.73
QUIC Cubic	10	34.34	32.19	0.61
SCReAM	10	0.20	30.24	0.44
WebRTC media	10	2.67	30.09	0.58
Sprout	10	15.34	31.42	0.50
TaoVA-100x	10	74.65	35.10	0.75
TCP Vegas	10	16.92	34.44	0.60
Verus	10	87.94	44.77	0.89
Copa	10	70.33	32.96	0.75
Indigo	10	88.75	32.73	0.60
Indigo-calib	10	75.30	32.65	0.65

Run 1: Statistics of TCP BBR

Start at: 2017-11-15 20:19:33

End at: 2017-11-15 20:20:03

Local clock offset: -4.635 ms

Remote clock offset: -2.916 ms

Below is generated by plot.py at 2017-11-16 02:55:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.46 Mbit/s

95th percentile per-packet one-way delay: 45.974 ms

Loss rate: 0.99%

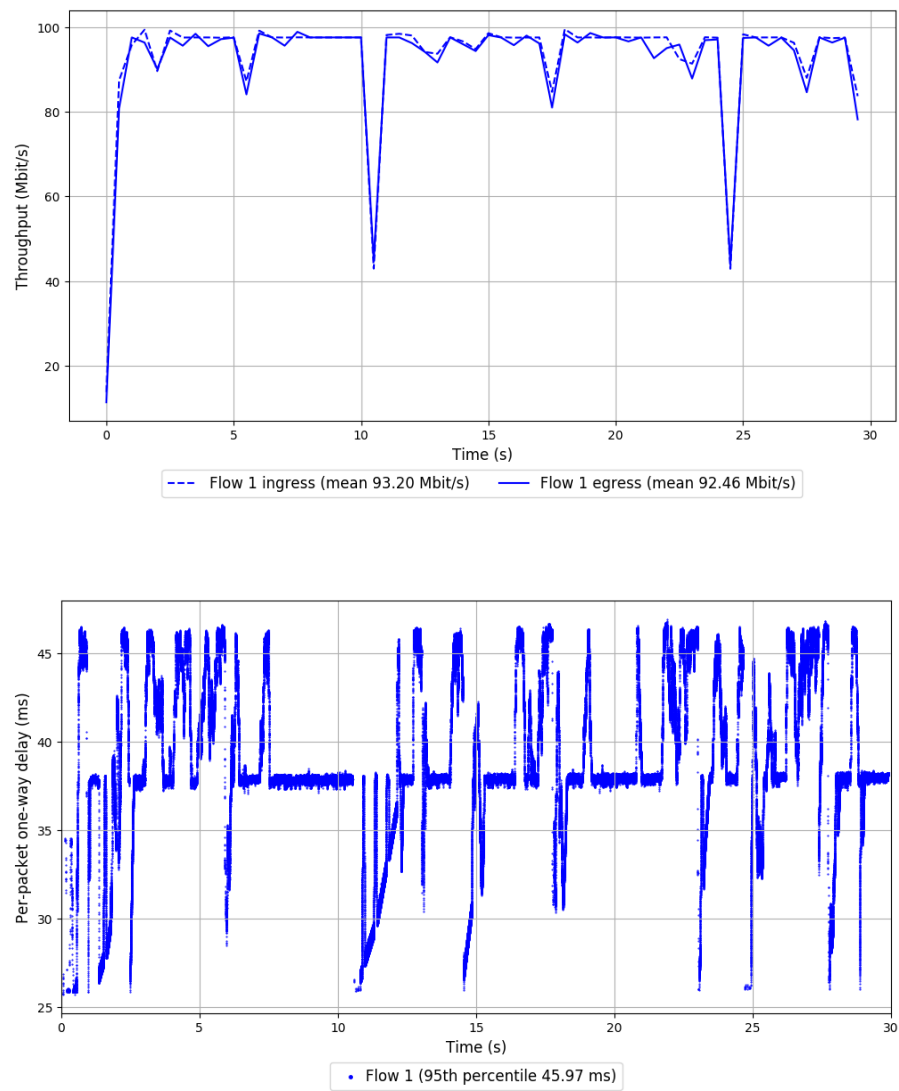
-- Flow 1:

Average throughput: 92.46 Mbit/s

95th percentile per-packet one-way delay: 45.974 ms

Loss rate: 0.99%

Run 1: Report of TCP BBR — Data Link

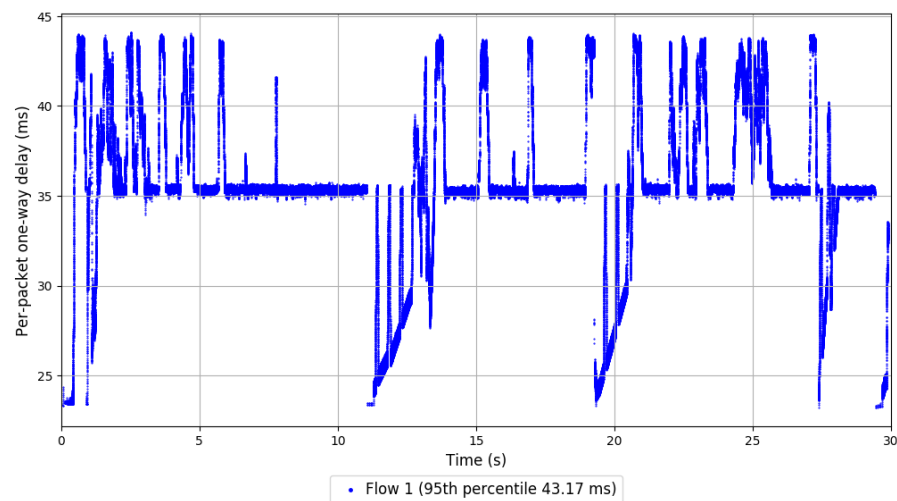
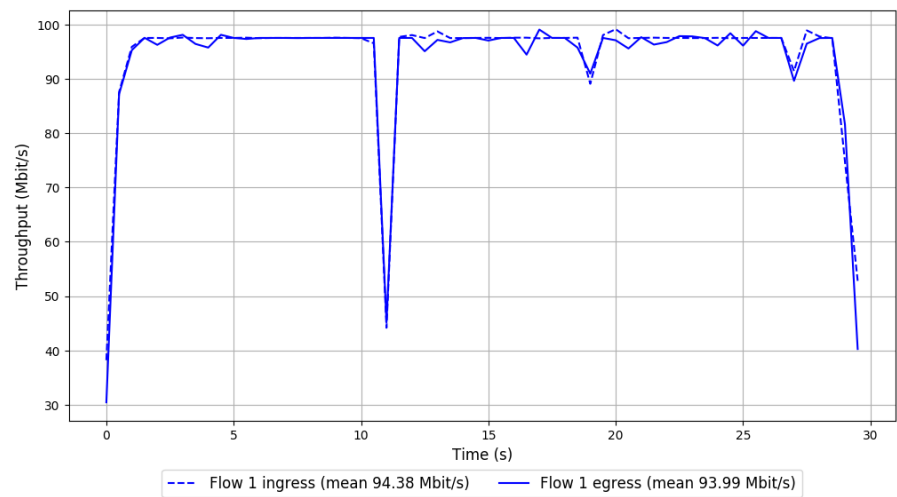


Run 2: Statistics of TCP BBR

Start at: 2017-11-15 20:38:19
End at: 2017-11-15 20:38:49
Local clock offset: -2.926 ms
Remote clock offset: -0.813 ms

Below is generated by plot.py at 2017-11-16 02:55:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.99 Mbit/s
95th percentile per-packet one-way delay: 43.172 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 93.99 Mbit/s
95th percentile per-packet one-way delay: 43.172 ms
Loss rate: 0.60%

Run 2: Report of TCP BBR — Data Link

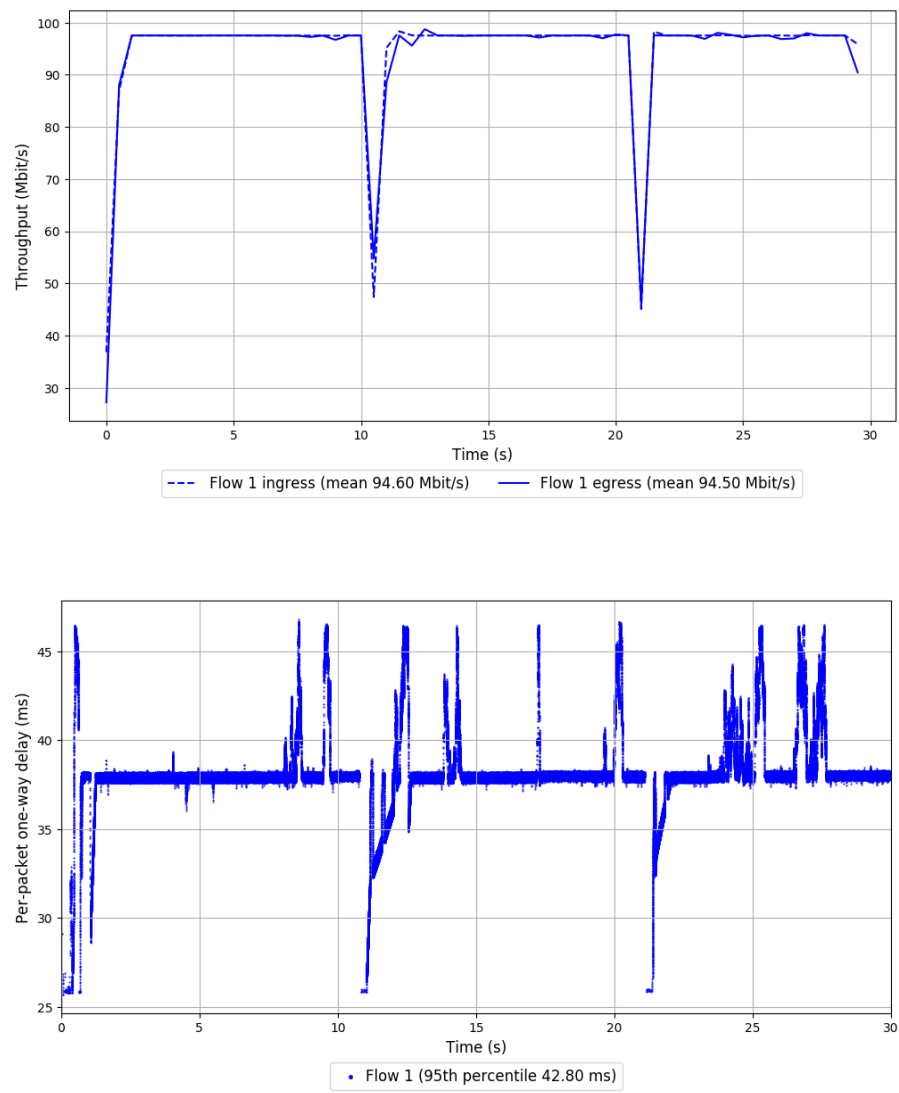


Run 3: Statistics of TCP BBR

Start at: 2017-11-15 20:57:12
End at: 2017-11-15 20:57:42
Local clock offset: -0.961 ms
Remote clock offset: -2.372 ms

Below is generated by plot.py at 2017-11-16 02:55:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 42.796 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 42.796 ms
Loss rate: 0.31%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2017-11-15 21:16:15

End at: 2017-11-15 21:16:45

Local clock offset: -2.281 ms

Remote clock offset: 0.36 ms

Below is generated by plot.py at 2017-11-16 02:55:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.55 Mbit/s

95th percentile per-packet one-way delay: 43.926 ms

Loss rate: 1.03%

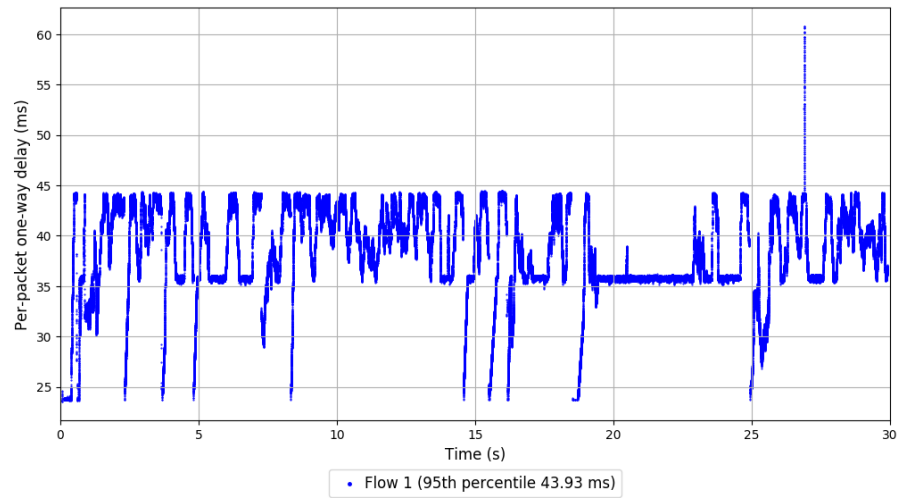
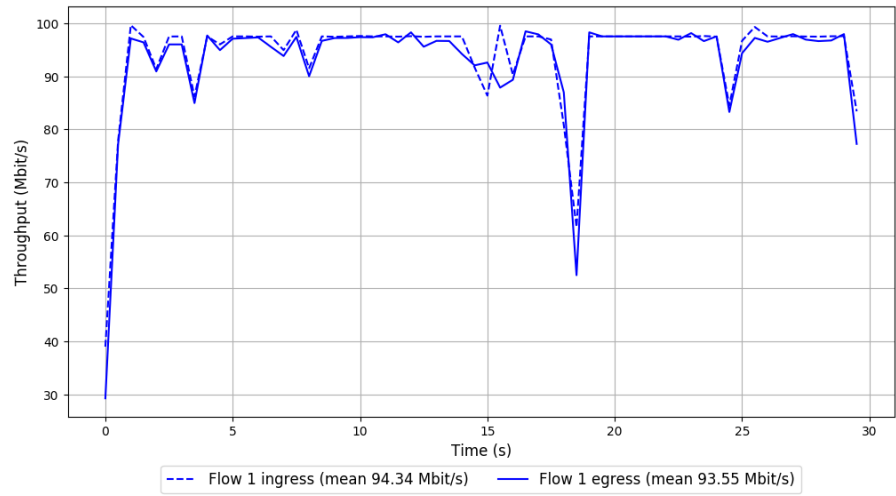
-- Flow 1:

Average throughput: 93.55 Mbit/s

95th percentile per-packet one-way delay: 43.926 ms

Loss rate: 1.03%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2017-11-15 21:35:10

End at: 2017-11-15 21:35:40

Local clock offset: -2.374 ms

Remote clock offset: 0.025 ms

Below is generated by plot.py at 2017-11-16 02:55:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.94 Mbit/s

95th percentile per-packet one-way delay: 43.804 ms

Loss rate: 1.06%

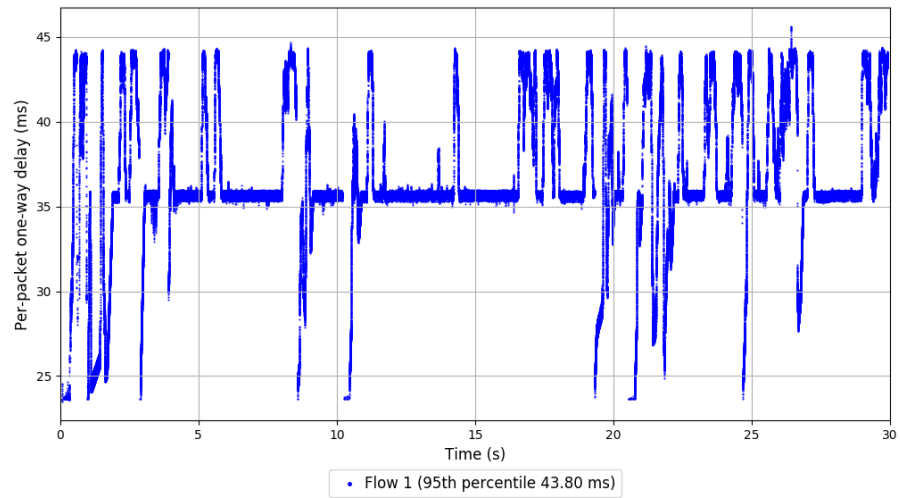
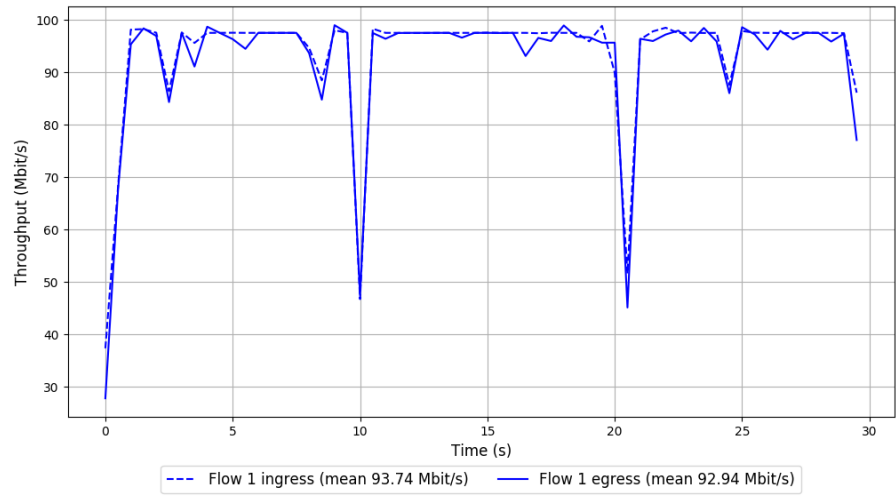
-- Flow 1:

Average throughput: 92.94 Mbit/s

95th percentile per-packet one-way delay: 43.804 ms

Loss rate: 1.06%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

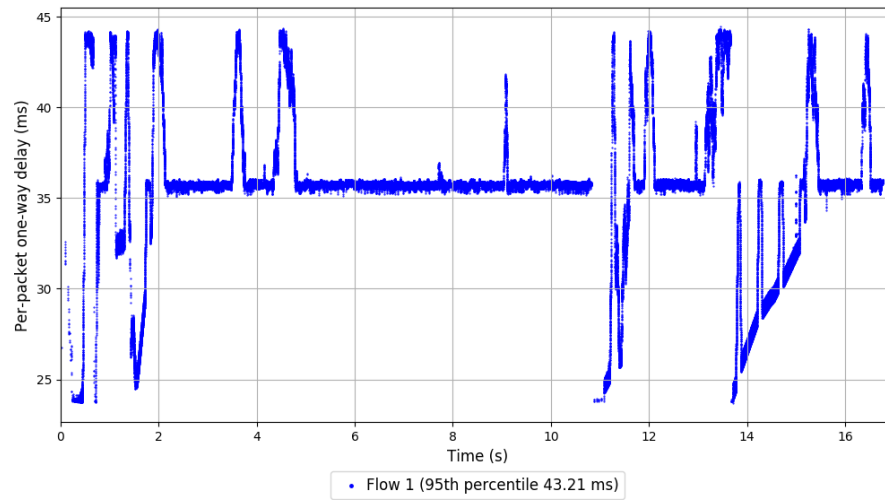
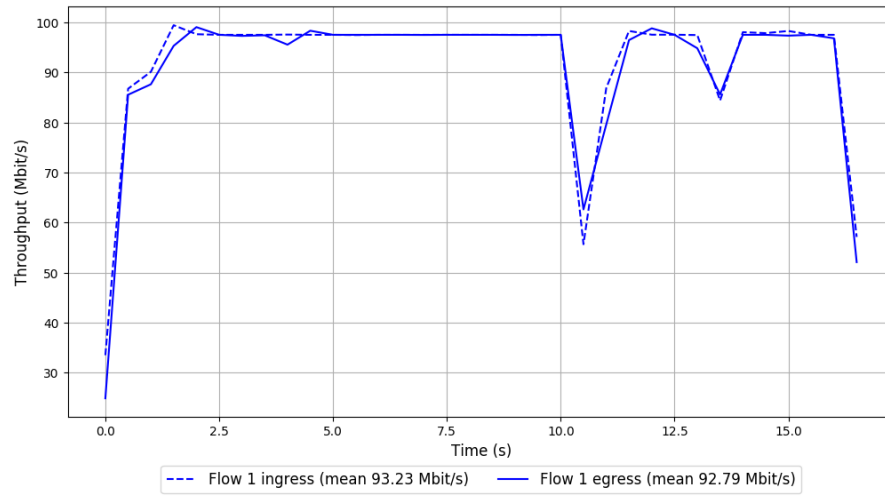
Start at: 2017-11-15 21:54:24

End at: 2017-11-15 21:54:54

Local clock offset: -2.616 ms

Remote clock offset: -0.624 ms

Run 6: Report of TCP BBR — Data Link

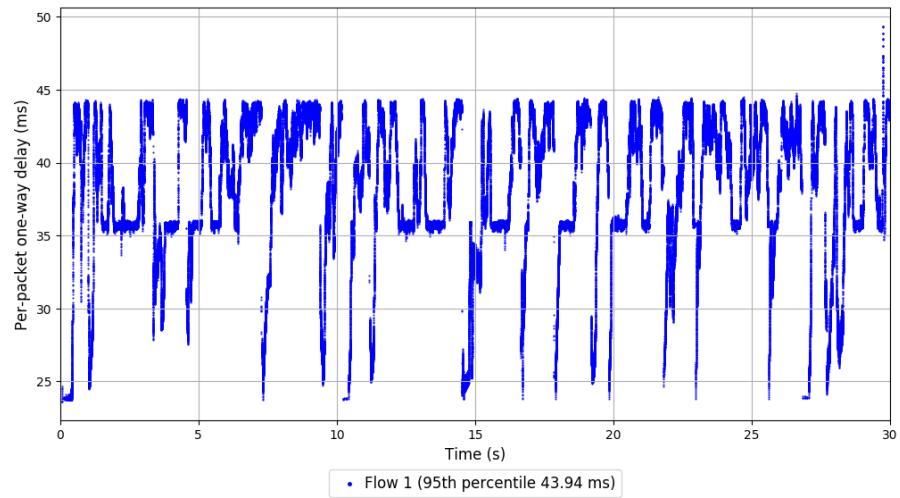
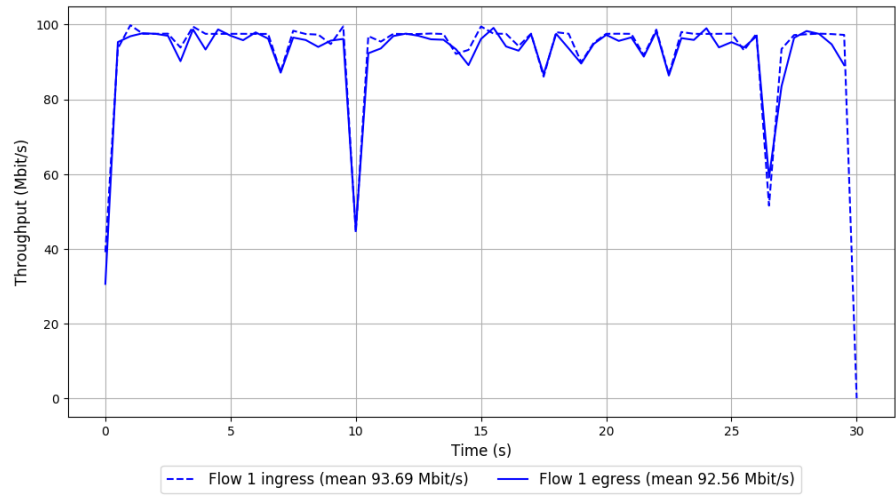


Run 7: Statistics of TCP BBR

Start at: 2017-11-15 22:14:07
End at: 2017-11-15 22:14:37
Local clock offset: -4.949 ms
Remote clock offset: -0.479 ms

Below is generated by plot.py at 2017-11-16 02:55:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.56 Mbit/s
95th percentile per-packet one-way delay: 43.937 ms
Loss rate: 1.40%
-- Flow 1:
Average throughput: 92.56 Mbit/s
95th percentile per-packet one-way delay: 43.937 ms
Loss rate: 1.40%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2017-11-15 22:33:47

End at: 2017-11-15 22:34:17

Local clock offset: -4.534 ms

Remote clock offset: 0.161 ms

Below is generated by plot.py at 2017-11-16 02:55:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.40 Mbit/s

95th percentile per-packet one-way delay: 43.133 ms

Loss rate: 0.73%

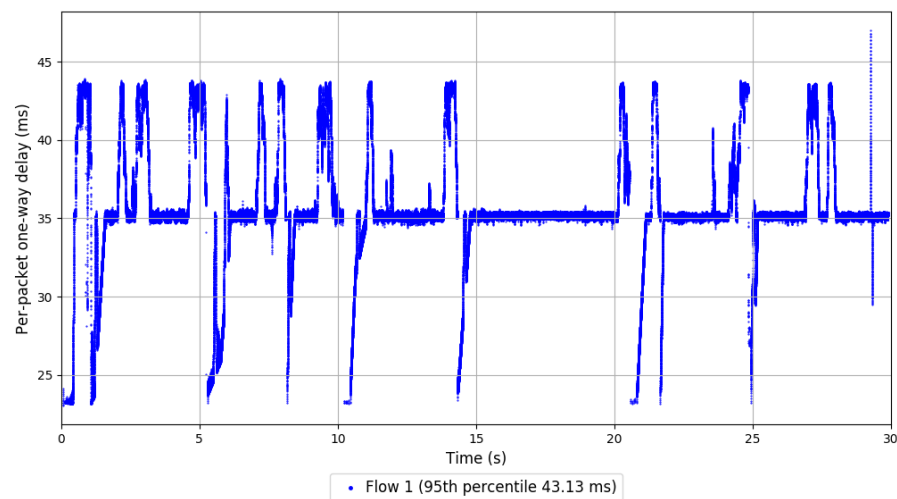
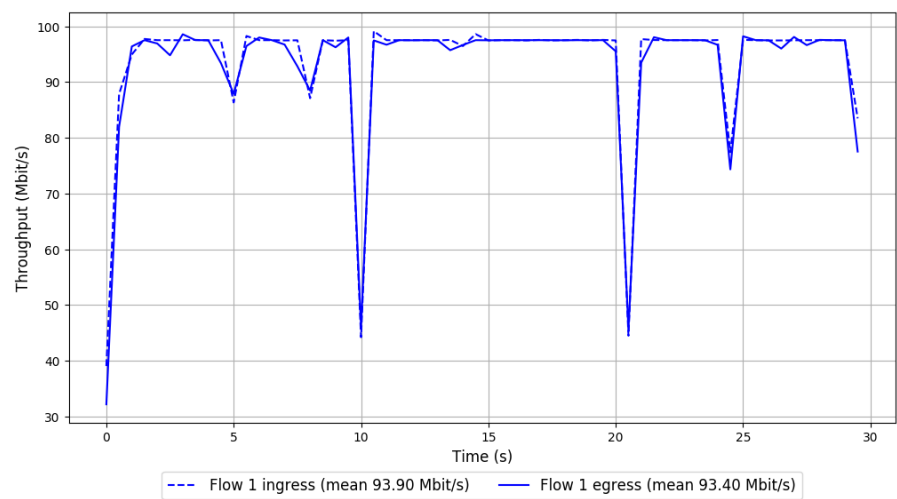
-- Flow 1:

Average throughput: 93.40 Mbit/s

95th percentile per-packet one-way delay: 43.133 ms

Loss rate: 0.73%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2017-11-15 22:53:02

End at: 2017-11-15 22:53:32

Local clock offset: -3.803 ms

Remote clock offset: -2.56 ms

Below is generated by plot.py at 2017-11-16 02:56:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.67 Mbit/s

95th percentile per-packet one-way delay: 45.556 ms

Loss rate: 0.99%

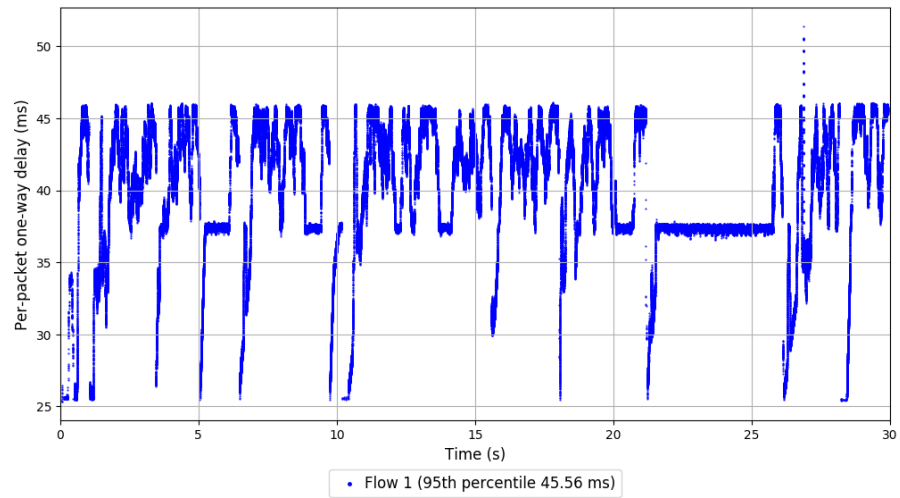
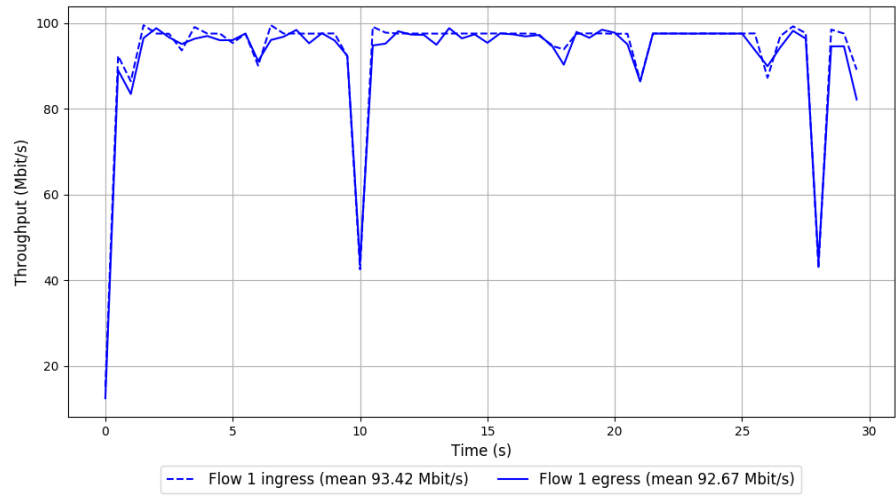
-- Flow 1:

Average throughput: 92.67 Mbit/s

95th percentile per-packet one-way delay: 45.556 ms

Loss rate: 0.99%

Run 9: Report of TCP BBR — Data Link

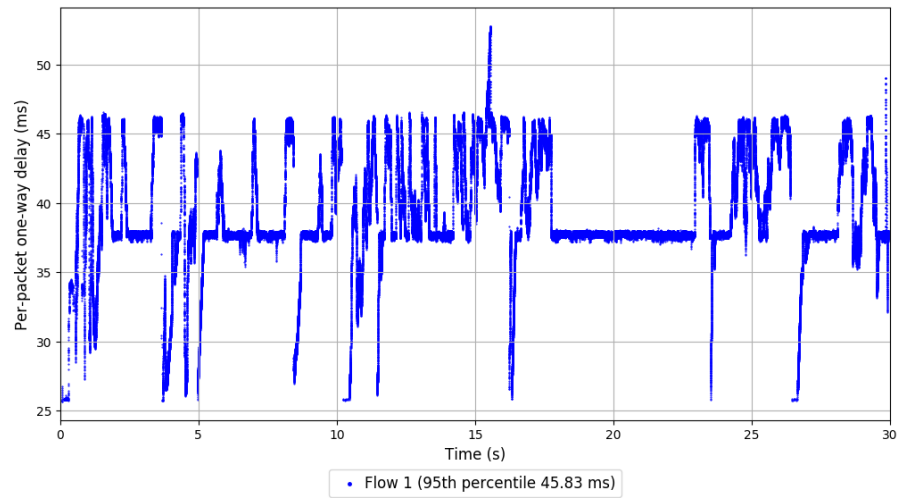
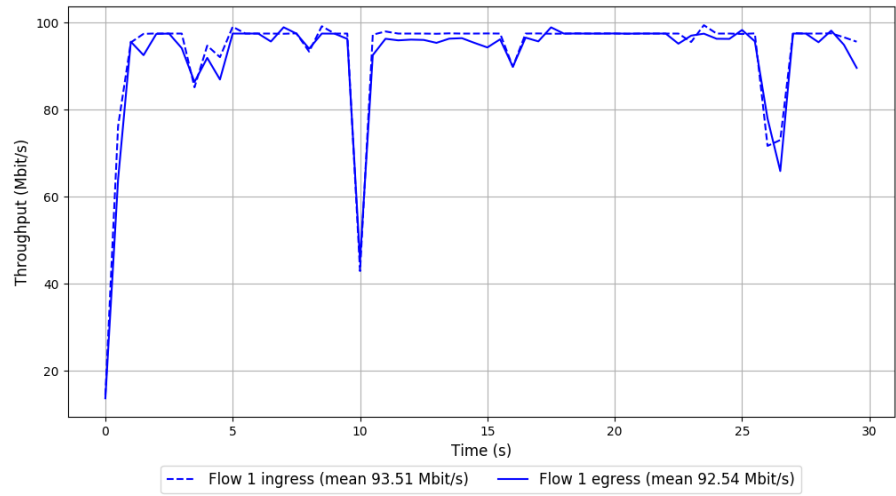


Run 10: Statistics of TCP BBR

Start at: 2017-11-15 23:12:27
End at: 2017-11-15 23:12:57
Local clock offset: -0.948 ms
Remote clock offset: -2.449 ms

Below is generated by plot.py at 2017-11-16 02:57:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.54 Mbit/s
95th percentile per-packet one-way delay: 45.828 ms
Loss rate: 1.23%
-- Flow 1:
Average throughput: 92.54 Mbit/s
95th percentile per-packet one-way delay: 45.828 ms
Loss rate: 1.23%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2017-11-15 20:24:58

End at: 2017-11-15 20:25:28

Local clock offset: -5.01 ms

Remote clock offset: -3.001 ms

Below is generated by plot.py at 2017-11-16 02:57:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 36.26 Mbit/s

95th percentile per-packet one-way delay: 37.884 ms

Loss rate: 0.41%

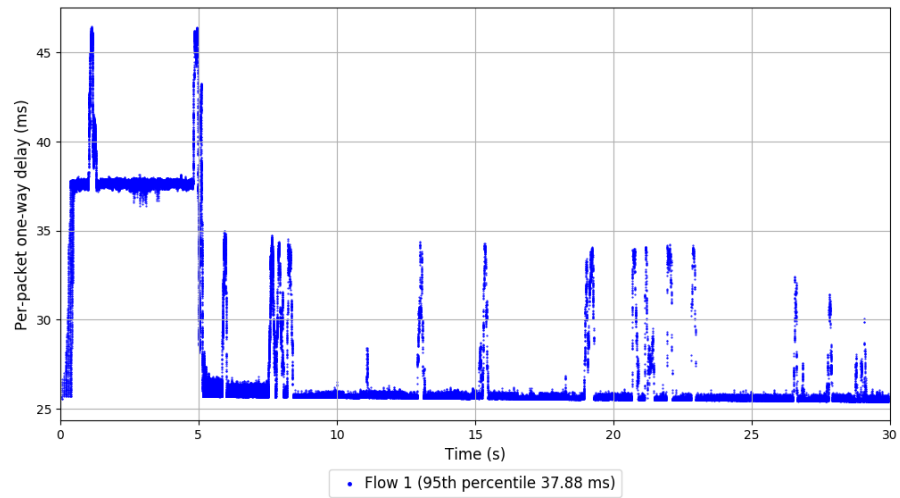
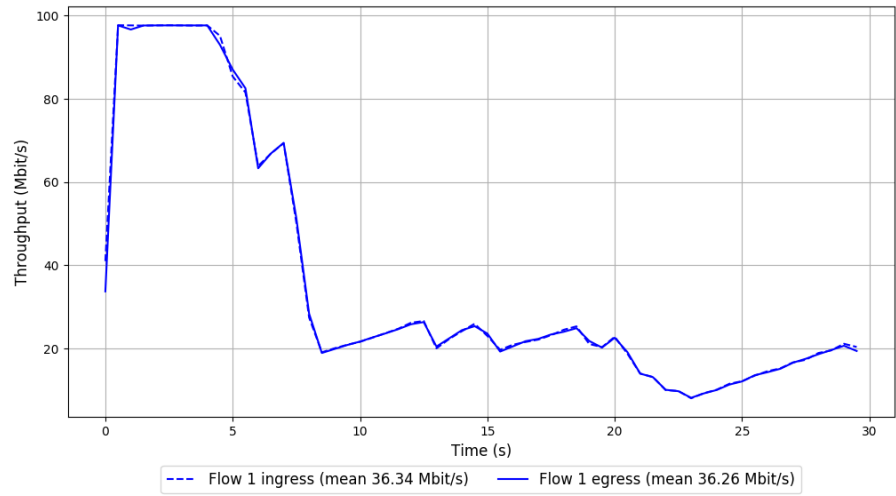
-- Flow 1:

Average throughput: 36.26 Mbit/s

95th percentile per-packet one-way delay: 37.884 ms

Loss rate: 0.41%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2017-11-15 20:43:47

End at: 2017-11-15 20:44:18

Local clock offset: -1.344 ms

Remote clock offset: -2.99 ms

Below is generated by plot.py at 2017-11-16 02:57:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 20.84 Mbit/s

95th percentile per-packet one-way delay: 32.898 ms

Loss rate: 0.37%

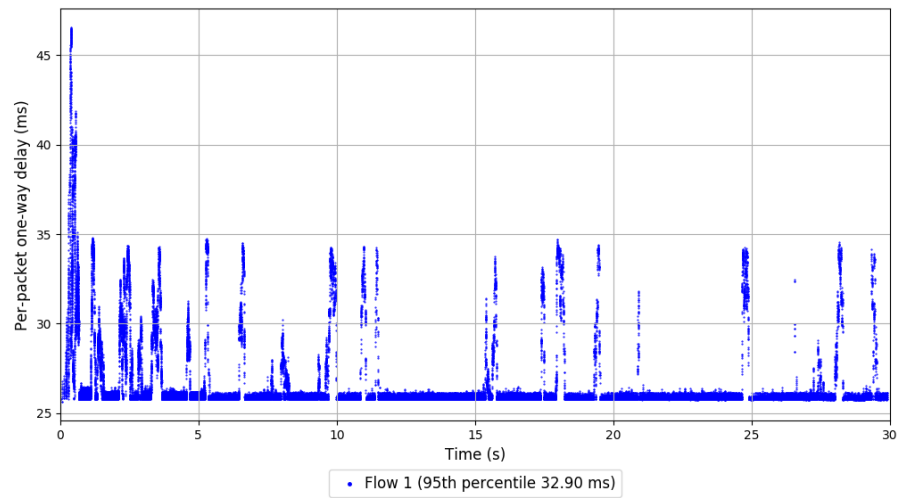
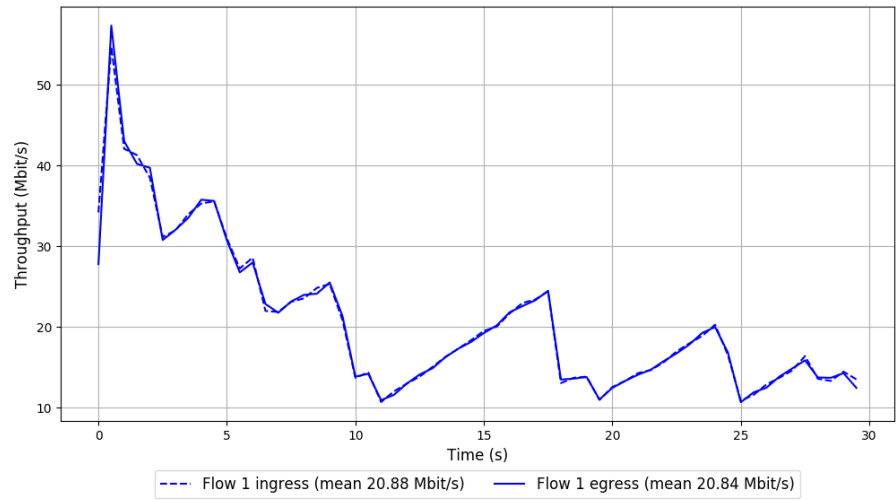
-- Flow 1:

Average throughput: 20.84 Mbit/s

95th percentile per-packet one-way delay: 32.898 ms

Loss rate: 0.37%

Run 2: Report of TCP Cubic — Data Link

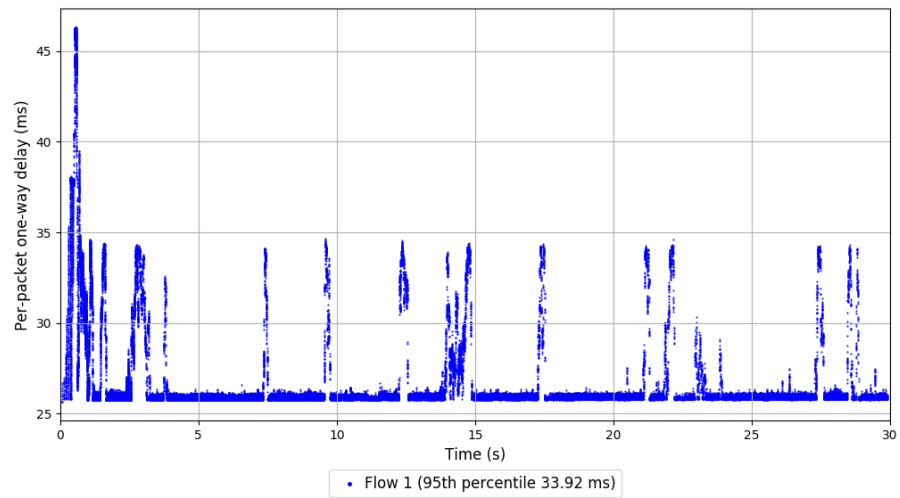
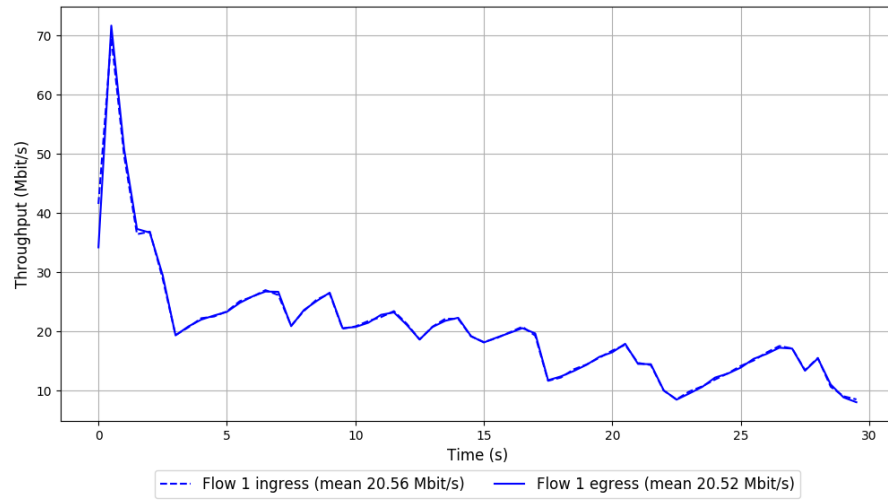


Run 3: Statistics of TCP Cubic

Start at: 2017-11-15 21:02:34
End at: 2017-11-15 21:03:04
Local clock offset: -1.605 ms
Remote clock offset: -2.108 ms

Below is generated by plot.py at 2017-11-16 02:57:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 20.52 Mbit/s
95th percentile per-packet one-way delay: 33.924 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 20.52 Mbit/s
95th percentile per-packet one-way delay: 33.924 ms
Loss rate: 0.36%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2017-11-15 21:21:43

End at: 2017-11-15 21:22:13

Local clock offset: -2.027 ms

Remote clock offset: 0.283 ms

Below is generated by plot.py at 2017-11-16 02:57:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 18.28 Mbit/s

95th percentile per-packet one-way delay: 27.762 ms

Loss rate: 0.35%

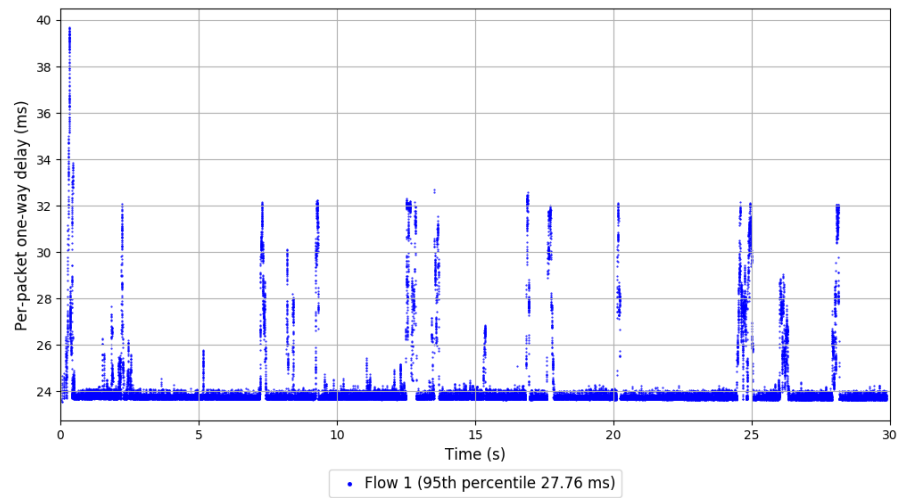
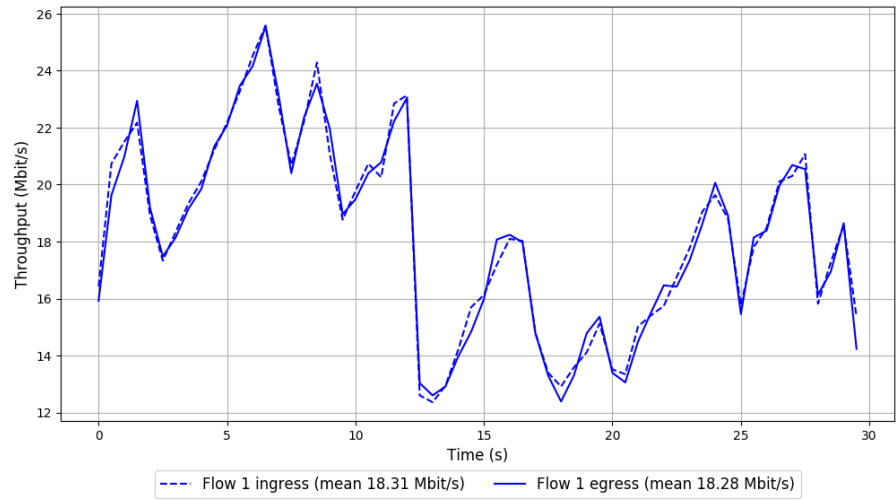
-- Flow 1:

Average throughput: 18.28 Mbit/s

95th percentile per-packet one-way delay: 27.762 ms

Loss rate: 0.35%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2017-11-15 21:40:49

End at: 2017-11-15 21:41:19

Local clock offset: -2.289 ms

Remote clock offset: -0.33 ms

Below is generated by plot.py at 2017-11-16 02:57:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.68 Mbit/s

95th percentile per-packet one-way delay: 31.799 ms

Loss rate: 0.46%

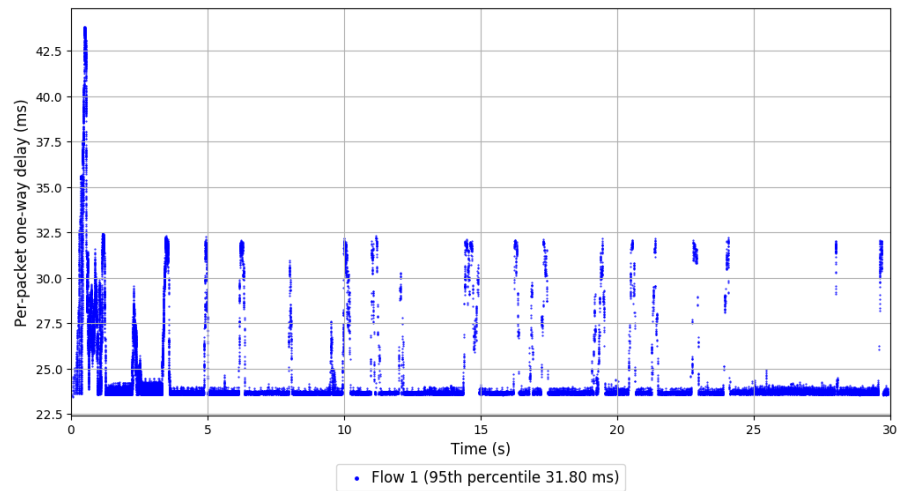
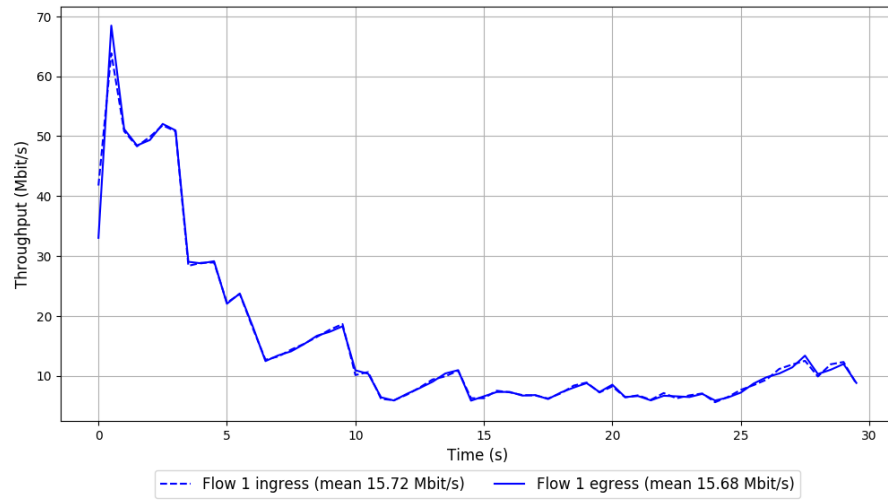
-- Flow 1:

Average throughput: 15.68 Mbit/s

95th percentile per-packet one-way delay: 31.799 ms

Loss rate: 0.46%

Run 5: Report of TCP Cubic — Data Link

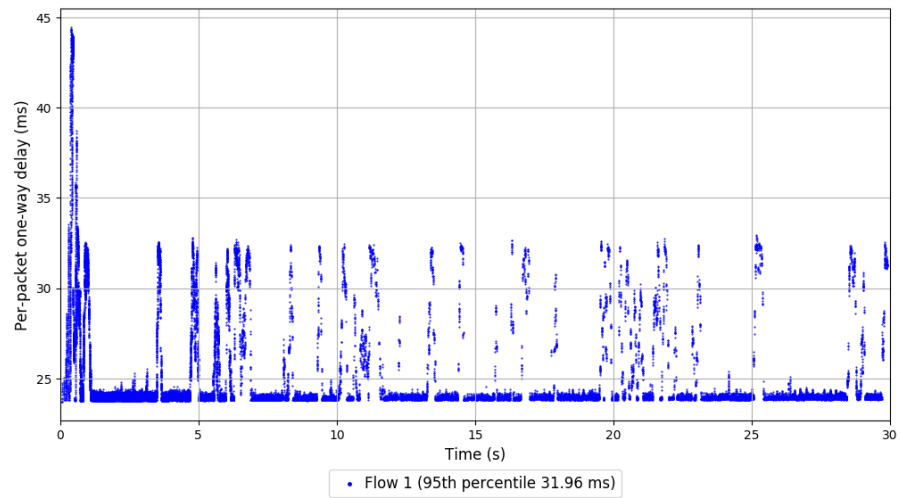
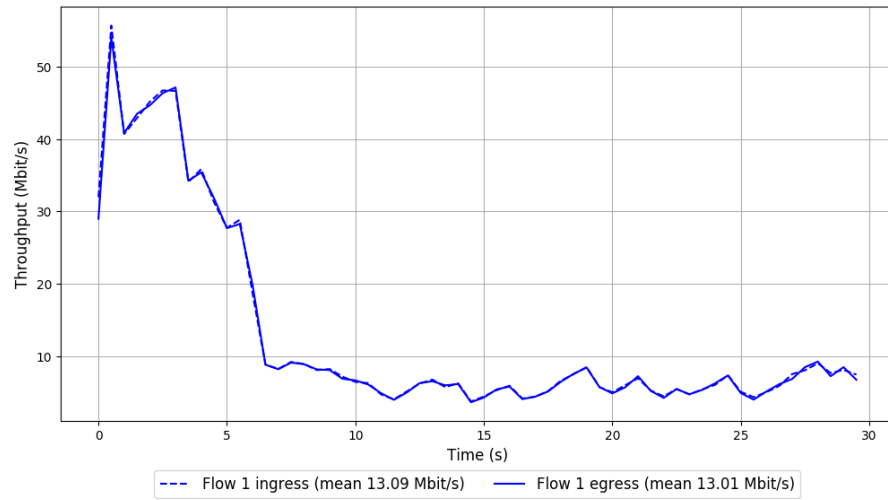


Run 6: Statistics of TCP Cubic

Start at: 2017-11-15 21:59:59
End at: 2017-11-15 22:00:29
Local clock offset: -3.165 ms
Remote clock offset: -0.706 ms

Below is generated by plot.py at 2017-11-16 02:57:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.01 Mbit/s
95th percentile per-packet one-way delay: 31.963 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 13.01 Mbit/s
95th percentile per-packet one-way delay: 31.963 ms
Loss rate: 0.75%

Run 6: Report of TCP Cubic — Data Link

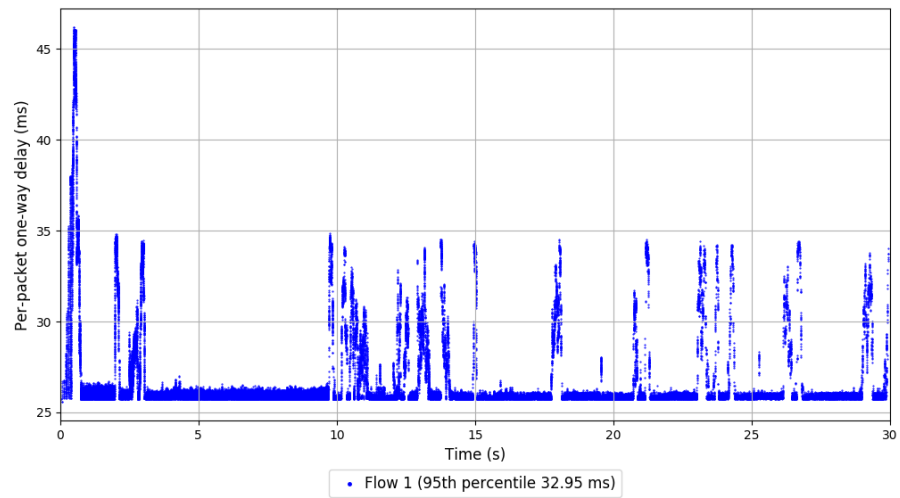
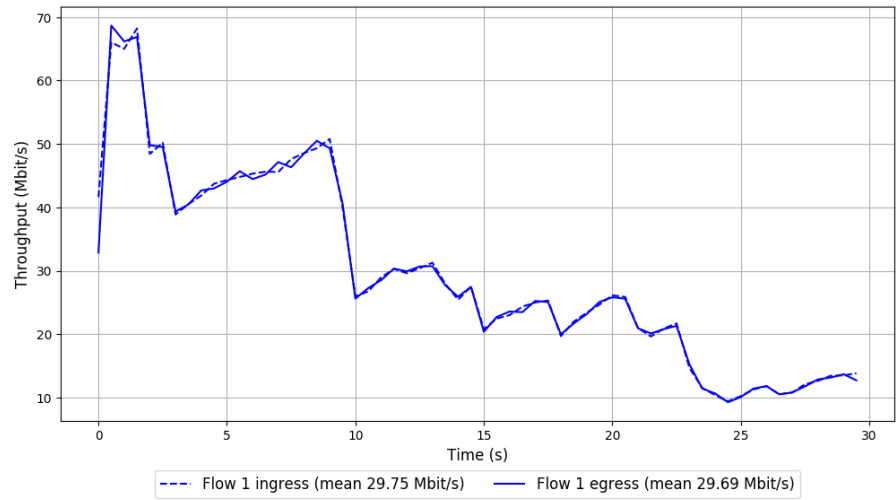


Run 7: Statistics of TCP Cubic

Start at: 2017-11-15 22:19:53
End at: 2017-11-15 22:20:23
Local clock offset: -5.492 ms
Remote clock offset: -2.417 ms

Below is generated by plot.py at 2017-11-16 02:57:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 29.69 Mbit/s
95th percentile per-packet one-way delay: 32.948 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 29.69 Mbit/s
95th percentile per-packet one-way delay: 32.948 ms
Loss rate: 0.39%

Run 7: Report of TCP Cubic — Data Link

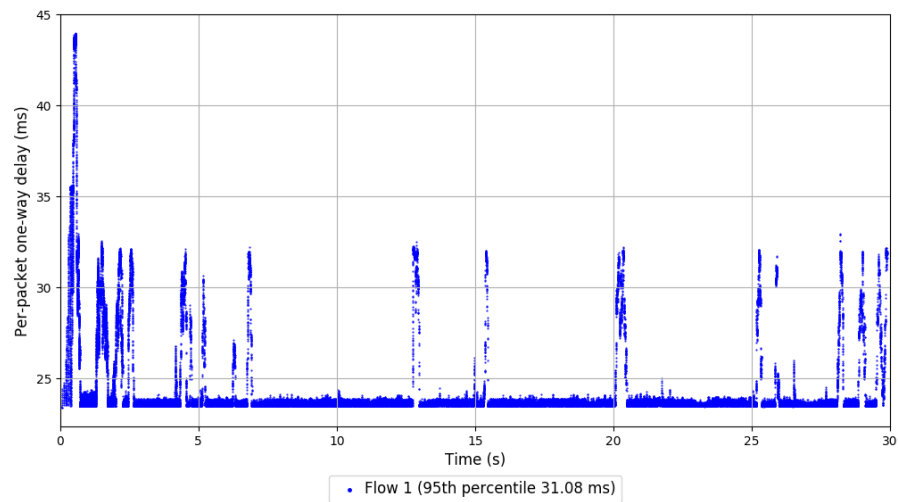
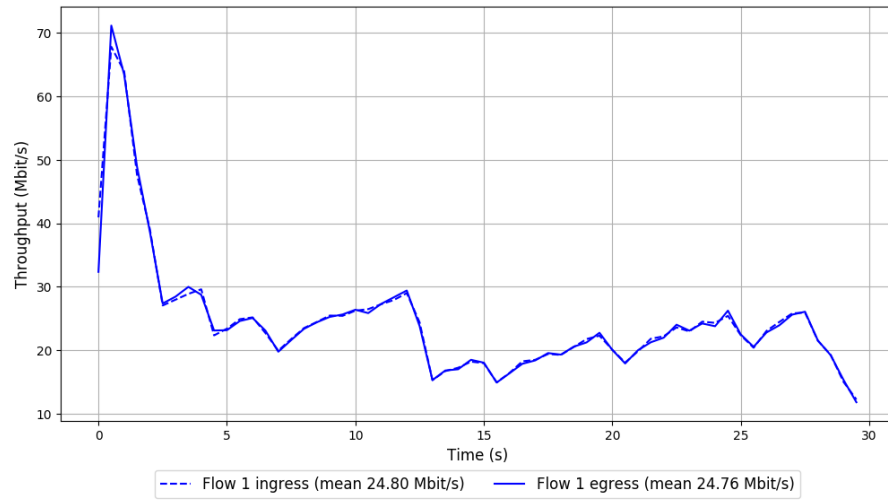


Run 8: Statistics of TCP Cubic

Start at: 2017-11-15 22:39:11
End at: 2017-11-15 22:39:41
Local clock offset: -4.544 ms
Remote clock offset: -0.332 ms

Below is generated by plot.py at 2017-11-16 02:57:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 31.076 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 31.076 ms
Loss rate: 0.34%

Run 8: Report of TCP Cubic — Data Link

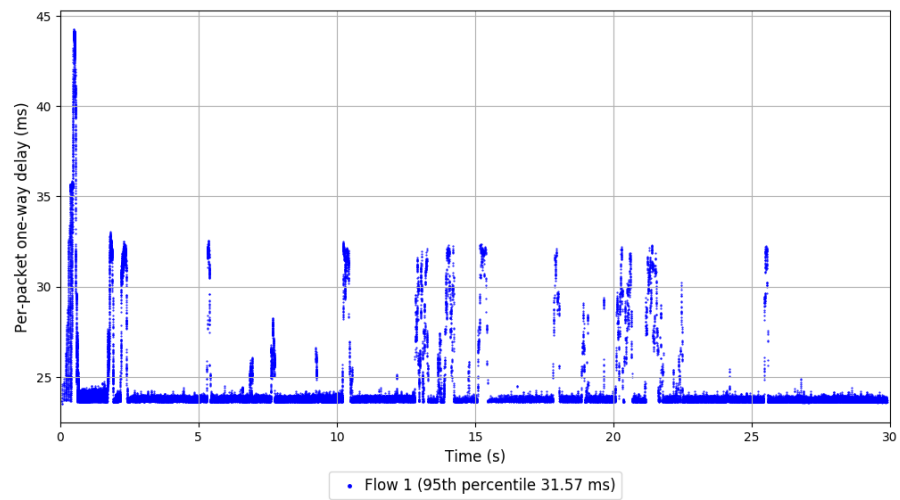
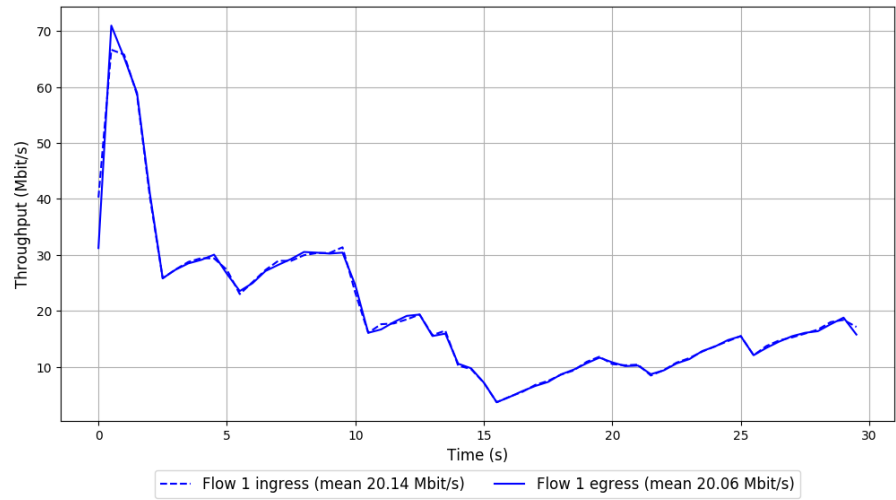


Run 9: Statistics of TCP Cubic

Start at: 2017-11-15 22:58:53
End at: 2017-11-15 22:59:23
Local clock offset: -2.778 ms
Remote clock offset: -0.552 ms

Below is generated by plot.py at 2017-11-16 02:57:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 20.06 Mbit/s
95th percentile per-packet one-way delay: 31.566 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 20.06 Mbit/s
95th percentile per-packet one-way delay: 31.566 ms
Loss rate: 0.56%

Run 9: Report of TCP Cubic — Data Link

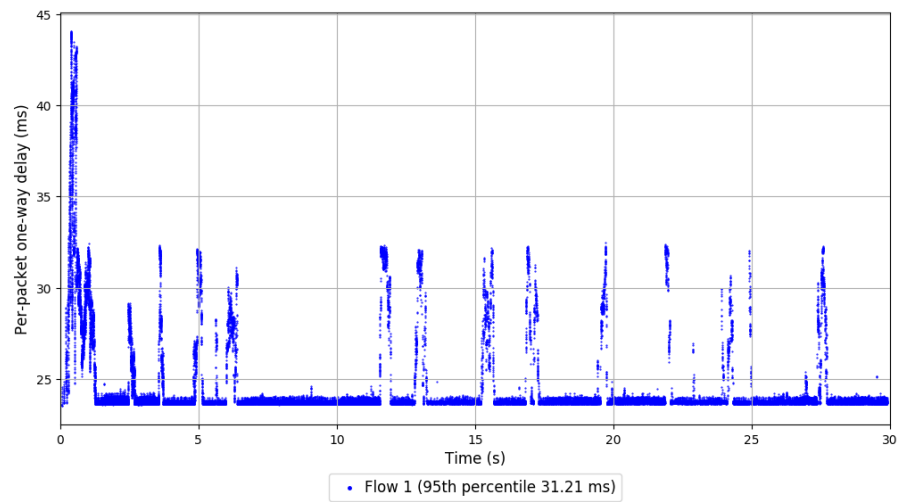
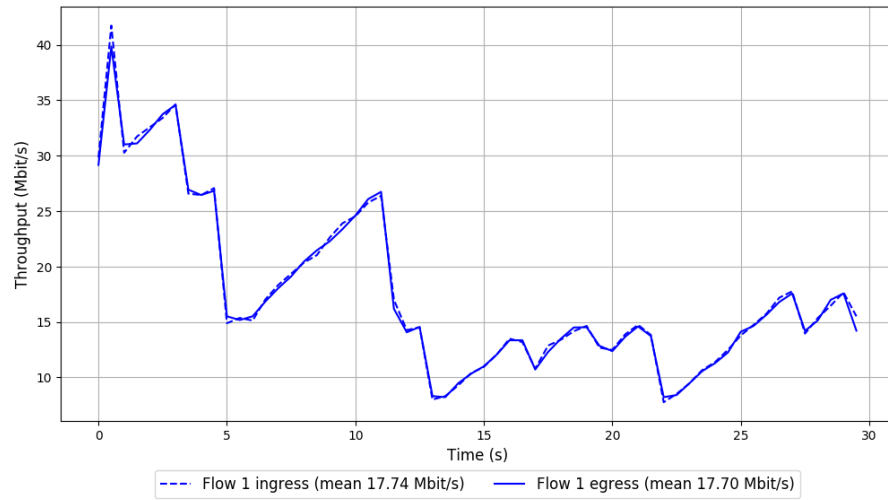


Run 10: Statistics of TCP Cubic

Start at: 2017-11-15 23:17:55
End at: 2017-11-15 23:18:25
Local clock offset: -0.702 ms
Remote clock offset: -0.022 ms

Below is generated by plot.py at 2017-11-16 02:57:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.70 Mbit/s
95th percentile per-packet one-way delay: 31.212 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 17.70 Mbit/s
95th percentile per-packet one-way delay: 31.212 ms
Loss rate: 0.42%

Run 10: Report of TCP Cubic — Data Link

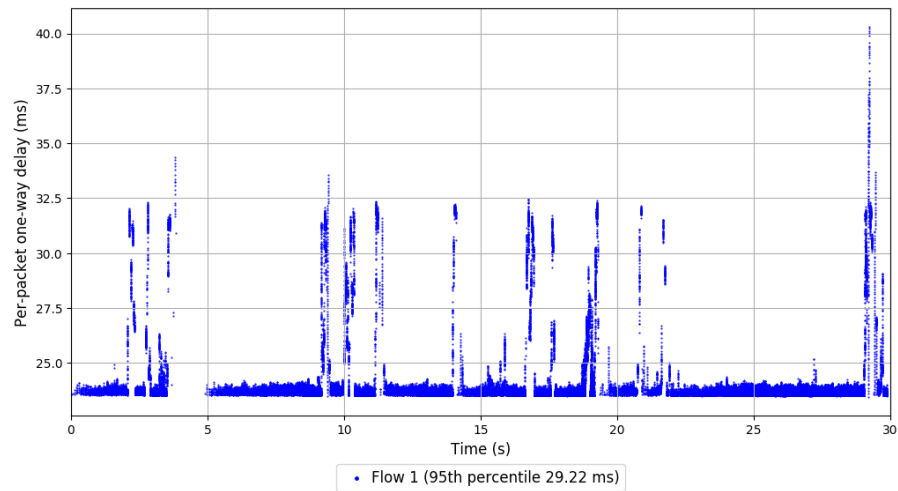
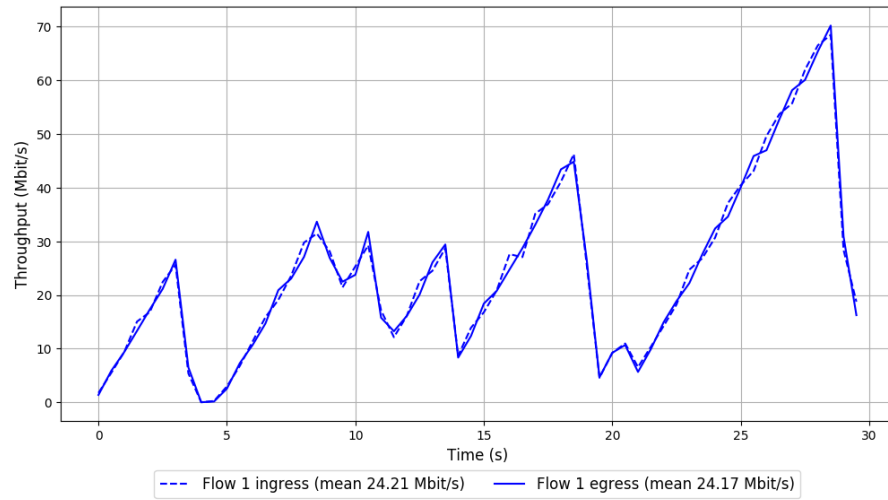


Run 1: Statistics of LEDBAT

Start at: 2017-11-15 20:11:39
End at: 2017-11-15 20:12:09
Local clock offset: -4.934 ms
Remote clock offset: -0.963 ms

Below is generated by plot.py at 2017-11-16 02:57:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.17 Mbit/s
95th percentile per-packet one-way delay: 29.216 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 24.17 Mbit/s
95th percentile per-packet one-way delay: 29.216 ms
Loss rate: 0.34%

Run 1: Report of LEDBAT — Data Link

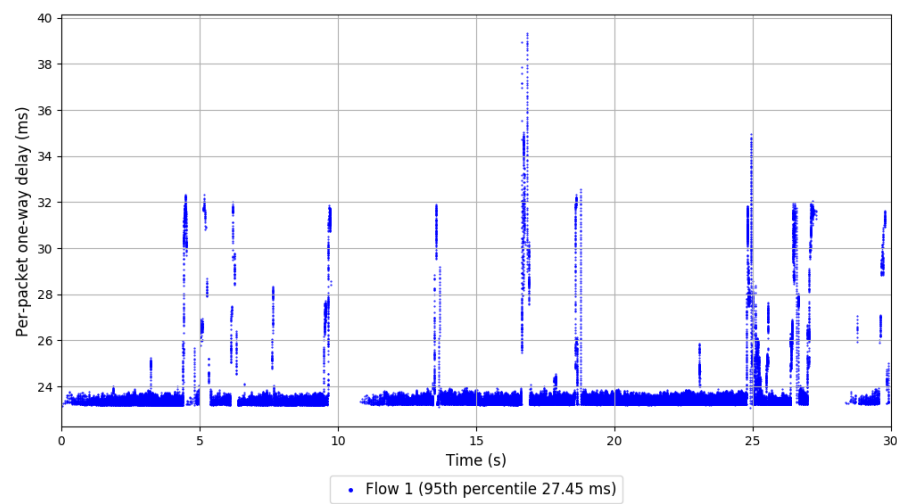
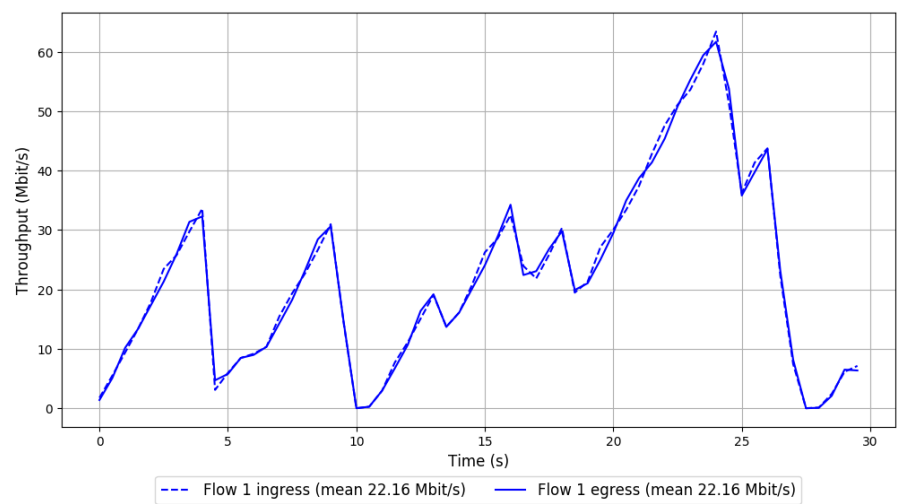


Run 2: Statistics of LEDBAT

Start at: 2017-11-15 20:30:14
End at: 2017-11-15 20:30:44
Local clock offset: -3.552 ms
Remote clock offset: -0.457 ms

Below is generated by plot.py at 2017-11-16 02:57:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 22.16 Mbit/s
95th percentile per-packet one-way delay: 27.451 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 22.16 Mbit/s
95th percentile per-packet one-way delay: 27.451 ms
Loss rate: 0.21%

Run 2: Report of LEDBAT — Data Link

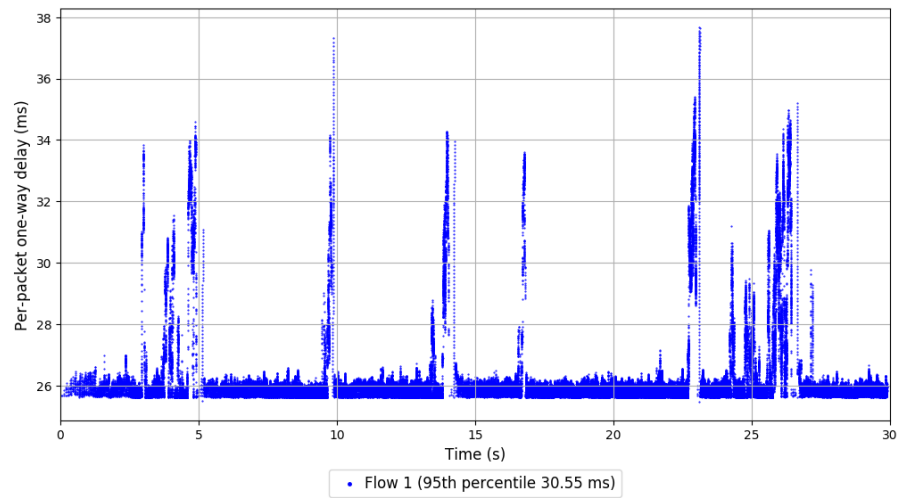
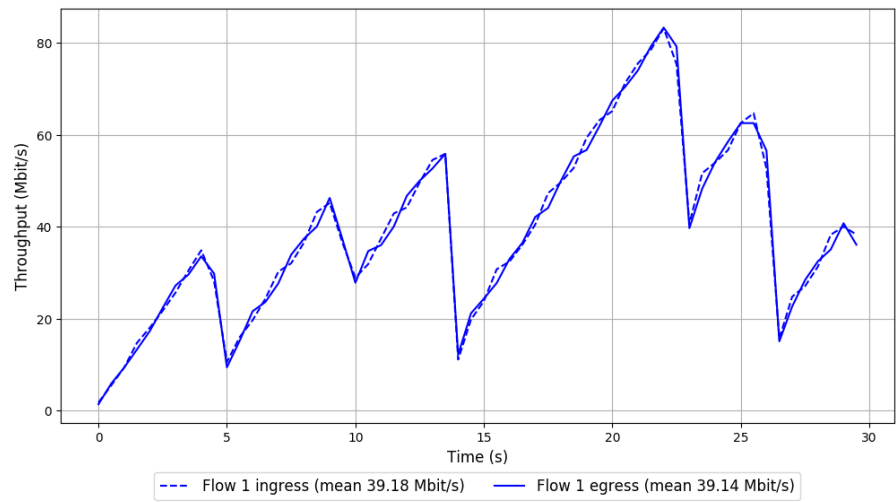


Run 3: Statistics of LEDBAT

Start at: 2017-11-15 20:49:04
End at: 2017-11-15 20:49:34
Local clock offset: -0.698 ms
Remote clock offset: -2.657 ms

Below is generated by plot.py at 2017-11-16 02:57:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 39.14 Mbit/s
95th percentile per-packet one-way delay: 30.553 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 39.14 Mbit/s
95th percentile per-packet one-way delay: 30.553 ms
Loss rate: 0.28%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2017-11-15 21:08:02

End at: 2017-11-15 21:08:32

Local clock offset: -1.821 ms

Remote clock offset: -1.91 ms

Below is generated by plot.py at 2017-11-16 02:57:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 17.25 Mbit/s

95th percentile per-packet one-way delay: 32.149 ms

Loss rate: 0.31%

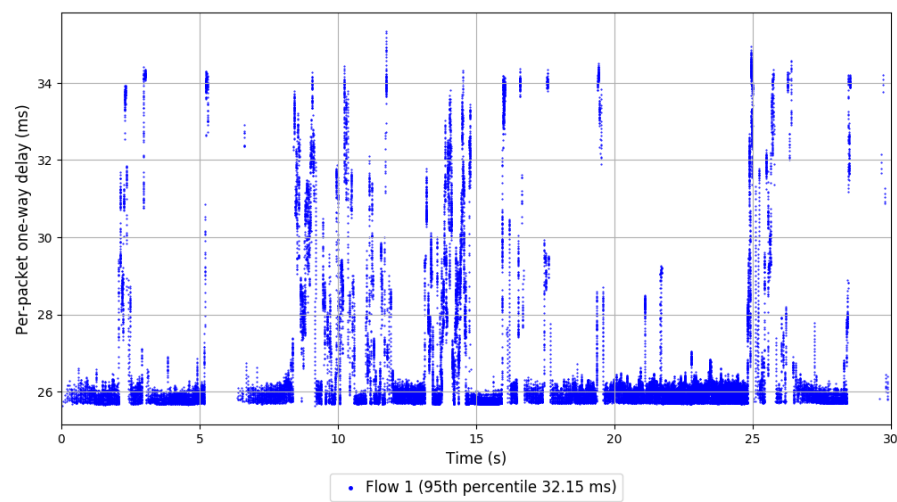
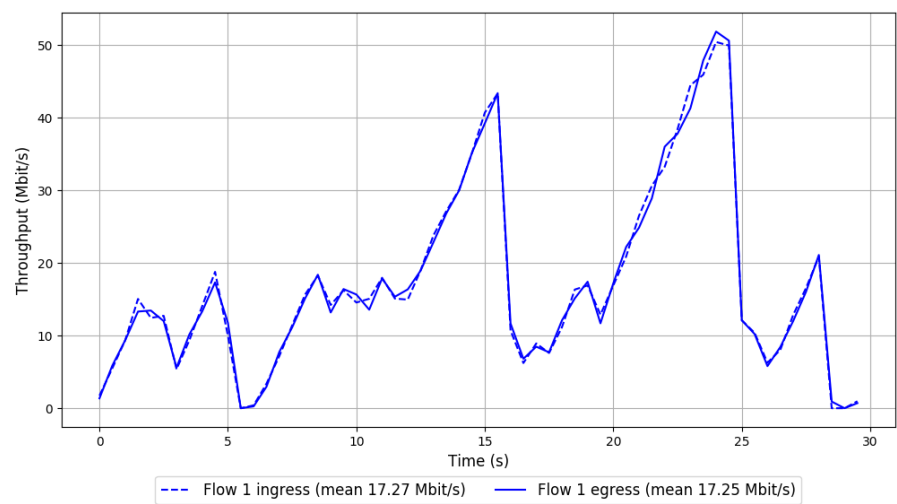
-- Flow 1:

Average throughput: 17.25 Mbit/s

95th percentile per-packet one-way delay: 32.149 ms

Loss rate: 0.31%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2017-11-15 21:27:02

End at: 2017-11-15 21:27:32

Local clock offset: -1.983 ms

Remote clock offset: 0.258 ms

Below is generated by plot.py at 2017-11-16 02:57:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.17 Mbit/s

95th percentile per-packet one-way delay: 29.750 ms

Loss rate: 0.46%

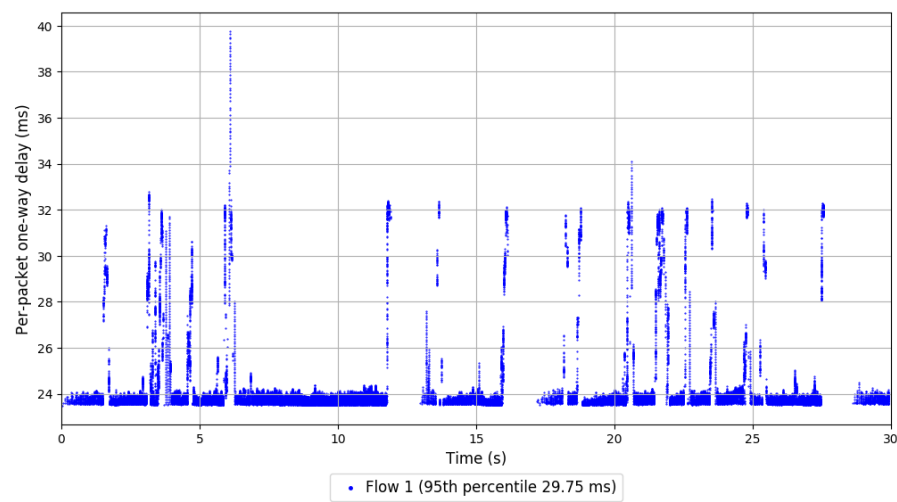
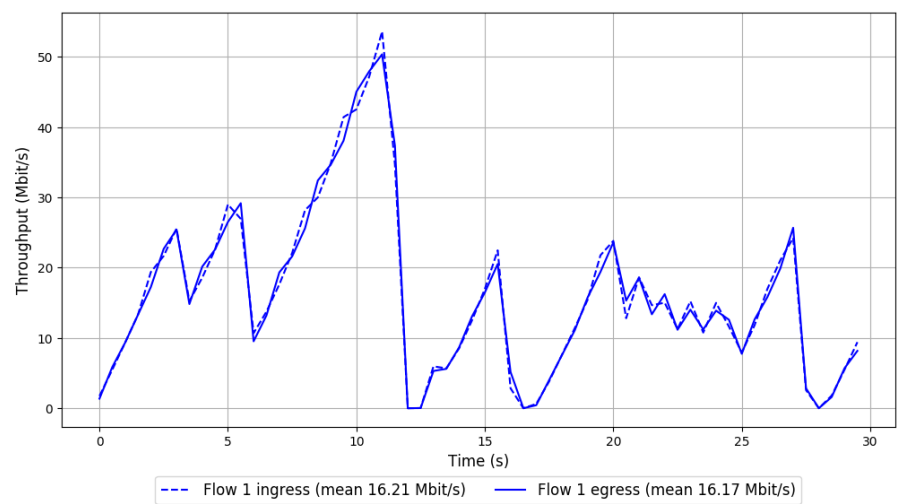
-- Flow 1:

Average throughput: 16.17 Mbit/s

95th percentile per-packet one-way delay: 29.750 ms

Loss rate: 0.46%

Run 5: Report of LEDBAT — Data Link

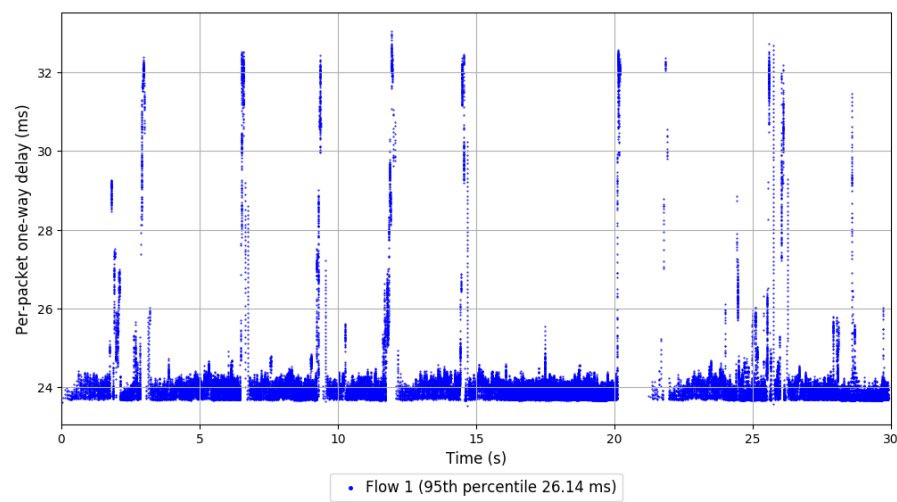
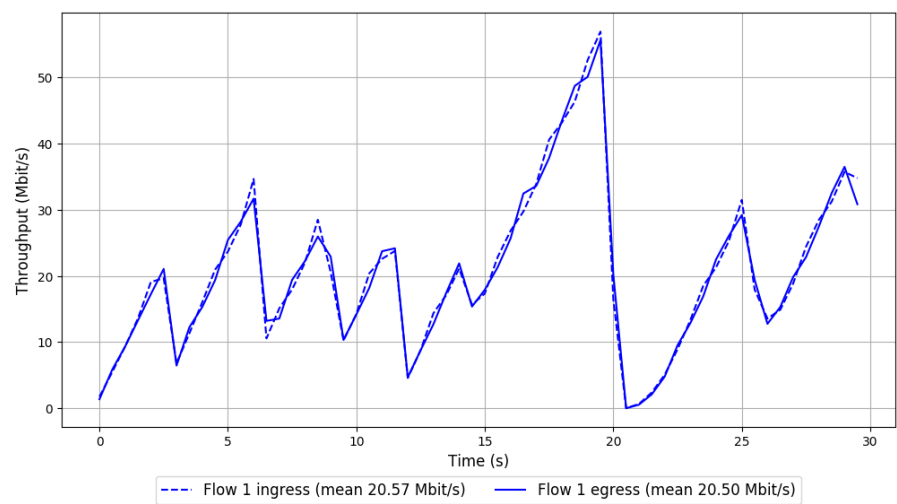


Run 6: Statistics of LEDBAT

Start at: 2017-11-15 21:46:15
End at: 2017-11-15 21:46:45
Local clock offset: -2.175 ms
Remote clock offset: -0.508 ms

Below is generated by plot.py at 2017-11-16 02:57:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 20.50 Mbit/s
95th percentile per-packet one-way delay: 26.140 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 20.50 Mbit/s
95th percentile per-packet one-way delay: 26.140 ms
Loss rate: 0.55%

Run 6: Report of LEDBAT — Data Link

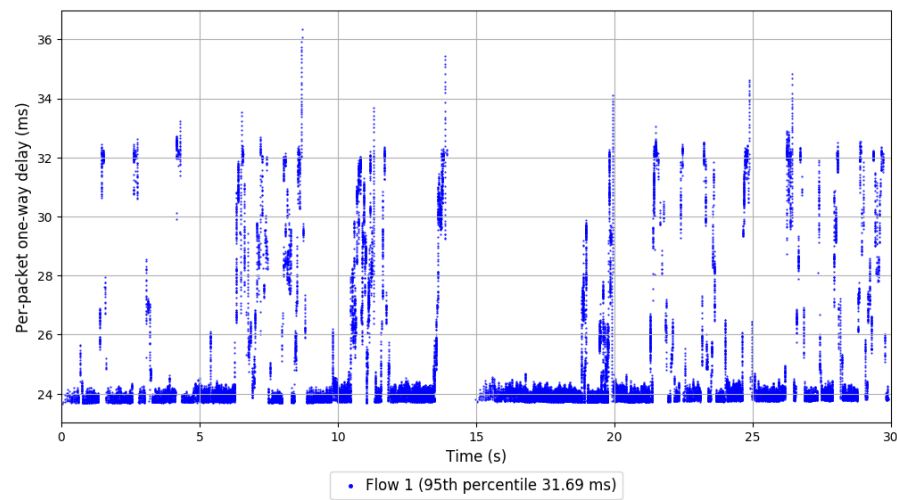
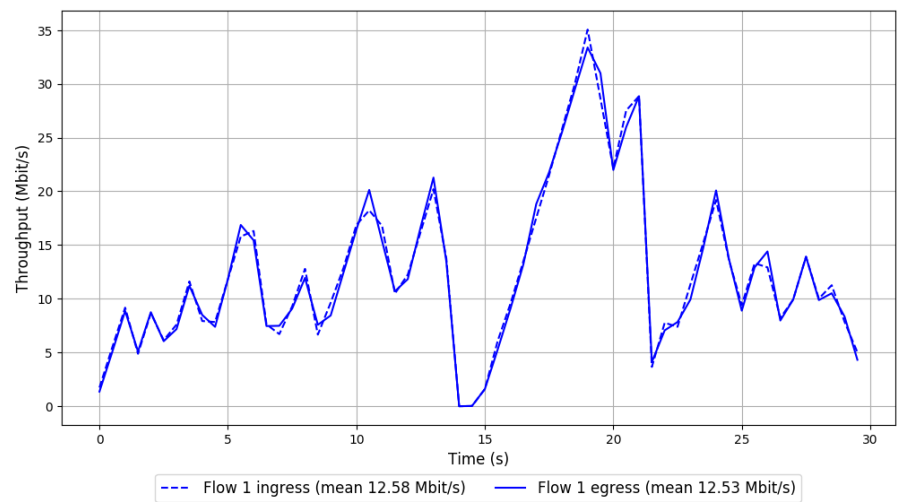


Run 7: Statistics of LEDBAT

Start at: 2017-11-15 22:05:36
End at: 2017-11-15 22:06:06
Local clock offset: -3.885 ms
Remote clock offset: -0.656 ms

Below is generated by plot.py at 2017-11-16 02:57:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.53 Mbit/s
95th percentile per-packet one-way delay: 31.691 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 12.53 Mbit/s
95th percentile per-packet one-way delay: 31.691 ms
Loss rate: 0.63%

Run 7: Report of LEDBAT — Data Link

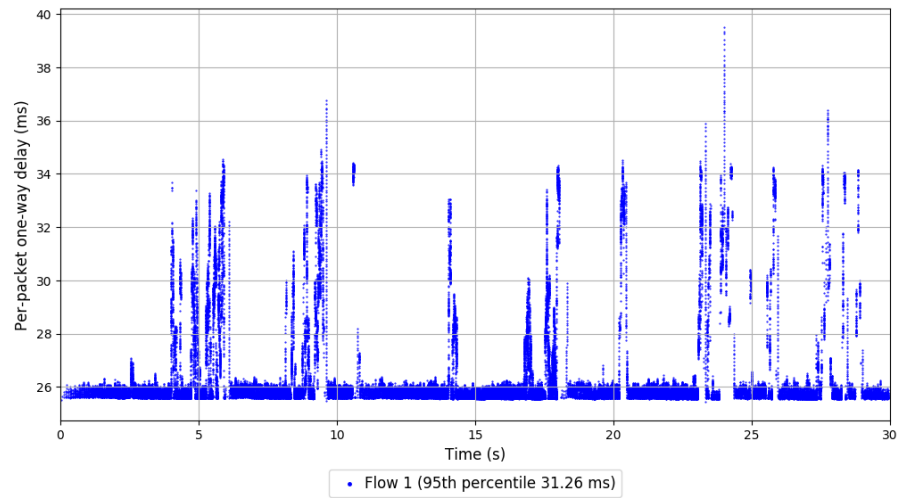
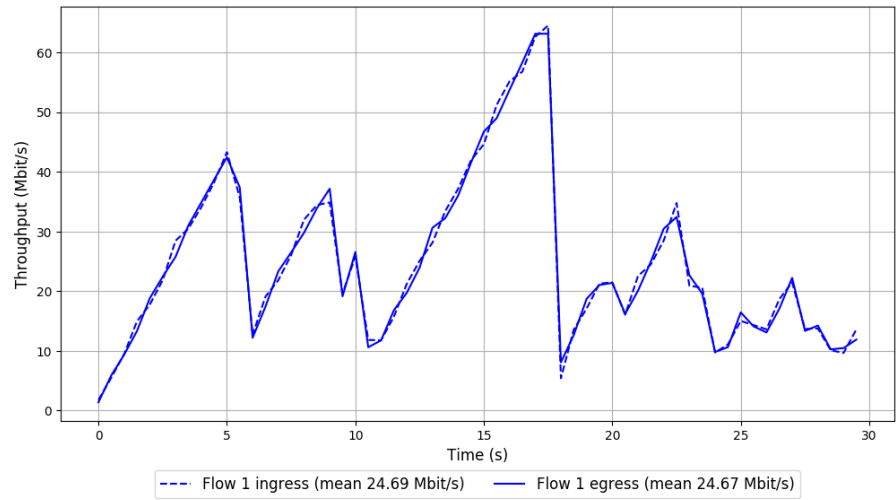


Run 8: Statistics of LEDBAT

Start at: 2017-11-15 22:25:31
End at: 2017-11-15 22:26:02
Local clock offset: -5.203 ms
Remote clock offset: -2.382 ms

Below is generated by plot.py at 2017-11-16 02:57:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 31.261 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 31.261 ms
Loss rate: 0.27%

Run 8: Report of LEDBAT — Data Link

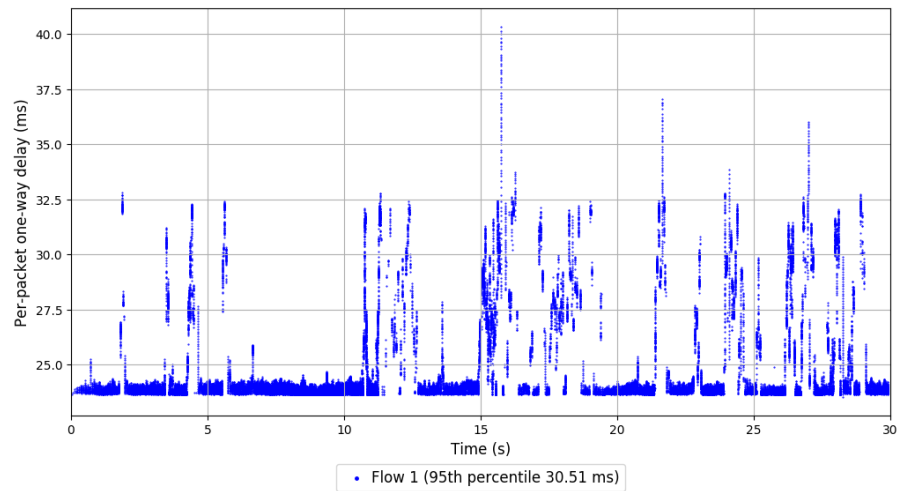
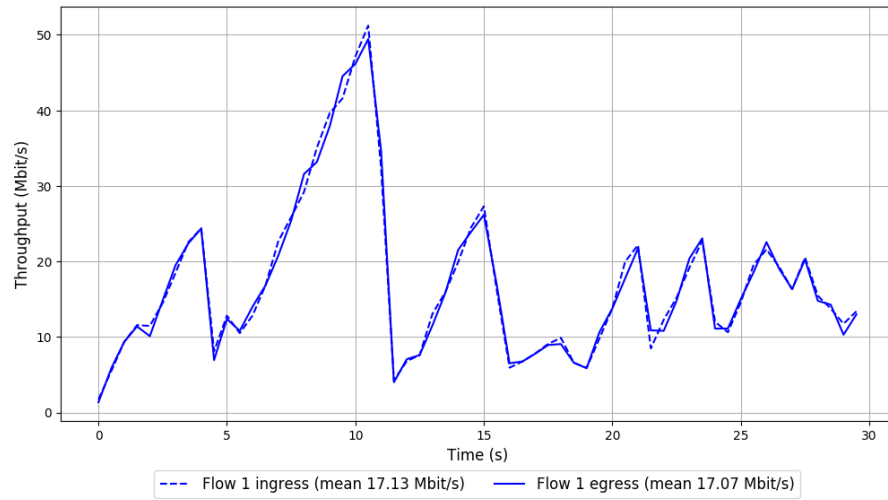


Run 9: Statistics of LEDBAT

Start at: 2017-11-15 22:44:29
End at: 2017-11-15 22:44:59
Local clock offset: -4.447 ms
Remote clock offset: -0.503 ms

Below is generated by plot.py at 2017-11-16 02:57:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.07 Mbit/s
95th percentile per-packet one-way delay: 30.508 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 17.07 Mbit/s
95th percentile per-packet one-way delay: 30.508 ms
Loss rate: 0.51%

Run 9: Report of LEDBAT — Data Link

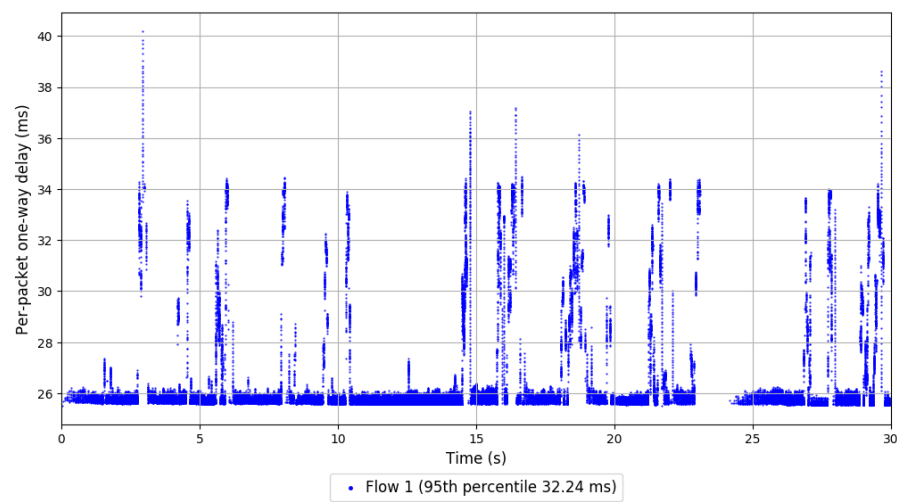
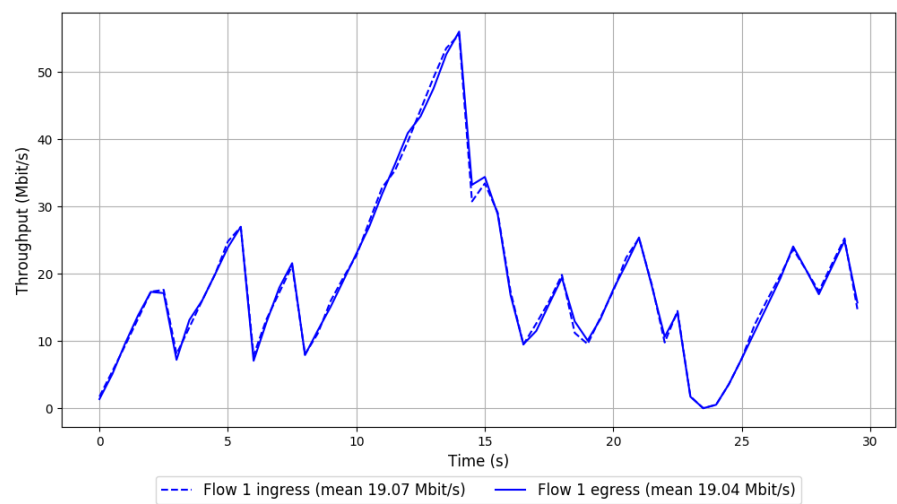


Run 10: Statistics of LEDBAT

Start at: 2017-11-15 23:04:21
End at: 2017-11-15 23:04:51
Local clock offset: -2.117 ms
Remote clock offset: -2.547 ms

Below is generated by plot.py at 2017-11-16 02:57:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 19.04 Mbit/s
95th percentile per-packet one-way delay: 32.239 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 19.04 Mbit/s
95th percentile per-packet one-way delay: 32.239 ms
Loss rate: 0.38%

Run 10: Report of LEDBAT — Data Link

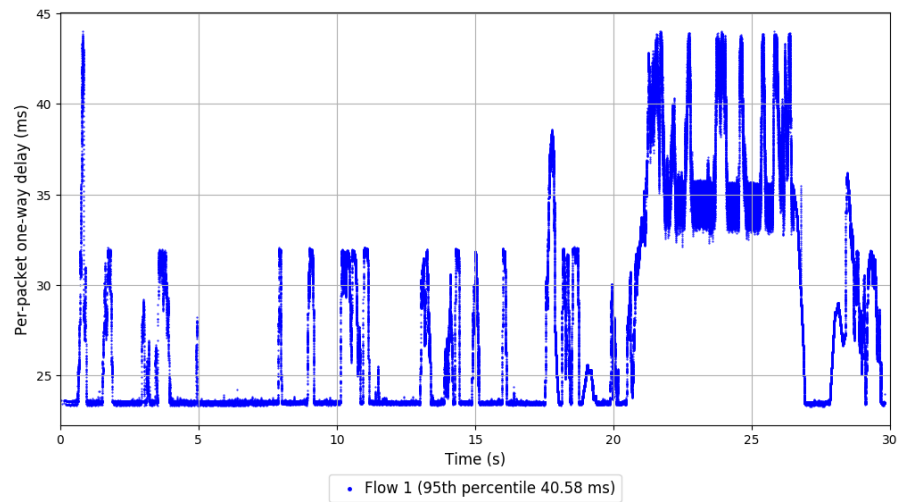
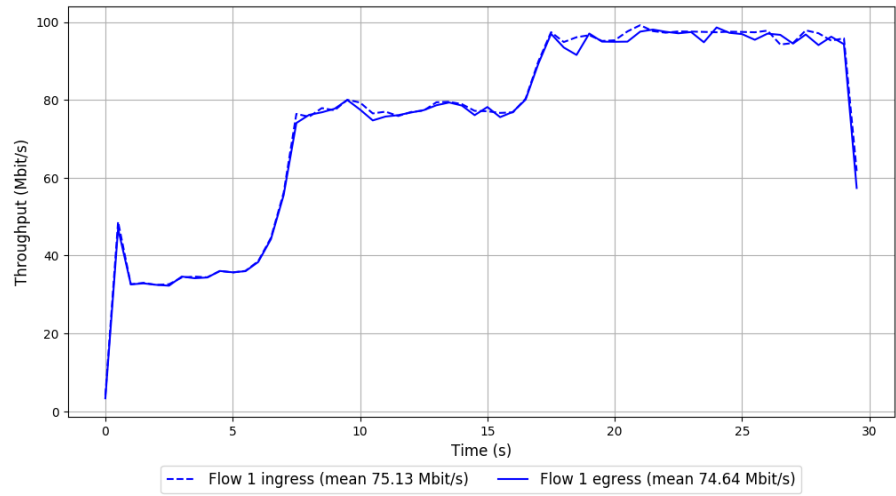


Run 1: Statistics of PCC

Start at: 2017-11-15 20:14:19
End at: 2017-11-15 20:14:49
Local clock offset: -4.332 ms
Remote clock offset: -1.027 ms

Below is generated by plot.py at 2017-11-16 02:58:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.64 Mbit/s
95th percentile per-packet one-way delay: 40.577 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 74.64 Mbit/s
95th percentile per-packet one-way delay: 40.577 ms
Loss rate: 0.83%

Run 1: Report of PCC — Data Link

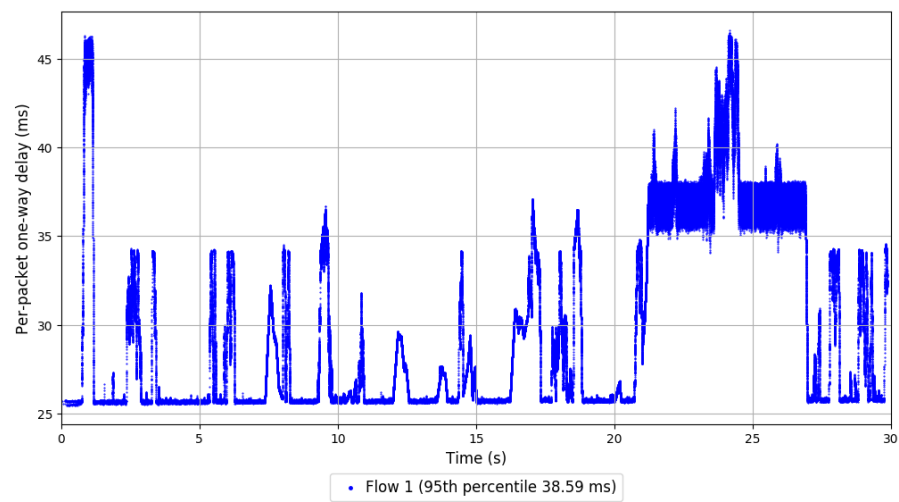
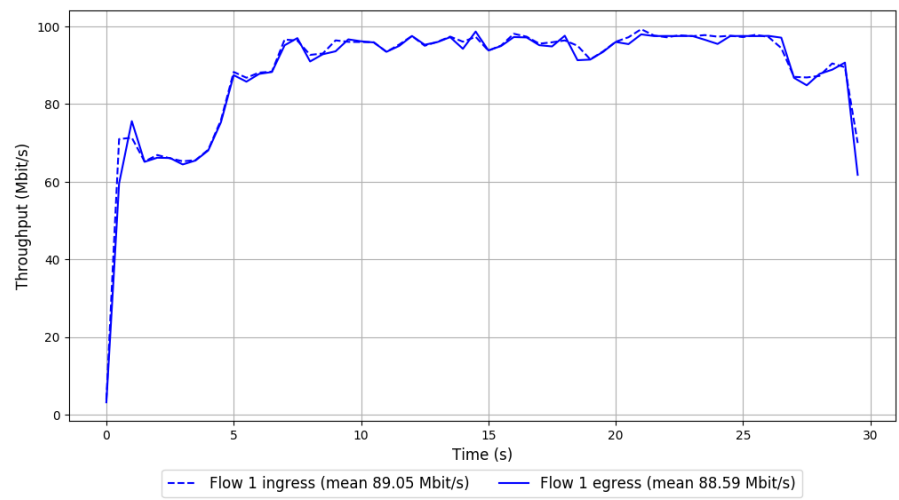


Run 2: Statistics of PCC

Start at: 2017-11-15 20:32:58
End at: 2017-11-15 20:33:28
Local clock offset: -3.873 ms
Remote clock offset: -2.867 ms

Below is generated by plot.py at 2017-11-16 02:58:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.59 Mbit/s
95th percentile per-packet one-way delay: 38.590 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 88.59 Mbit/s
95th percentile per-packet one-way delay: 38.590 ms
Loss rate: 0.69%

Run 2: Report of PCC — Data Link

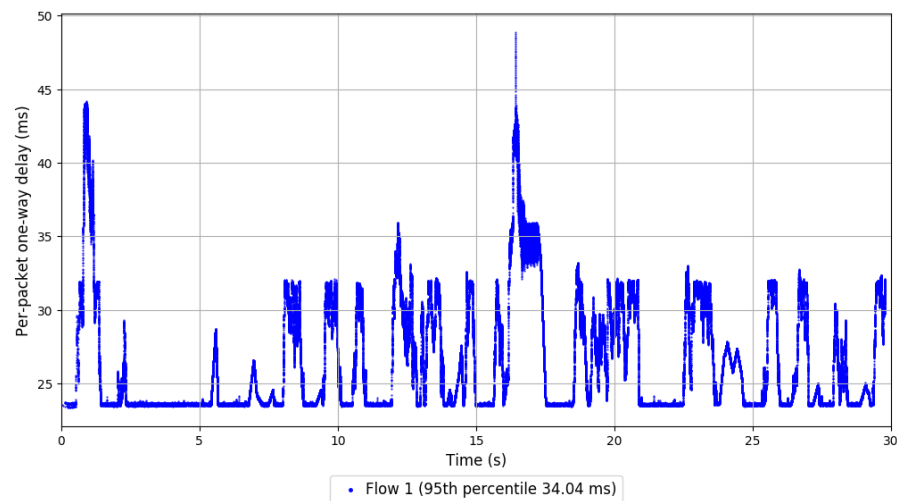
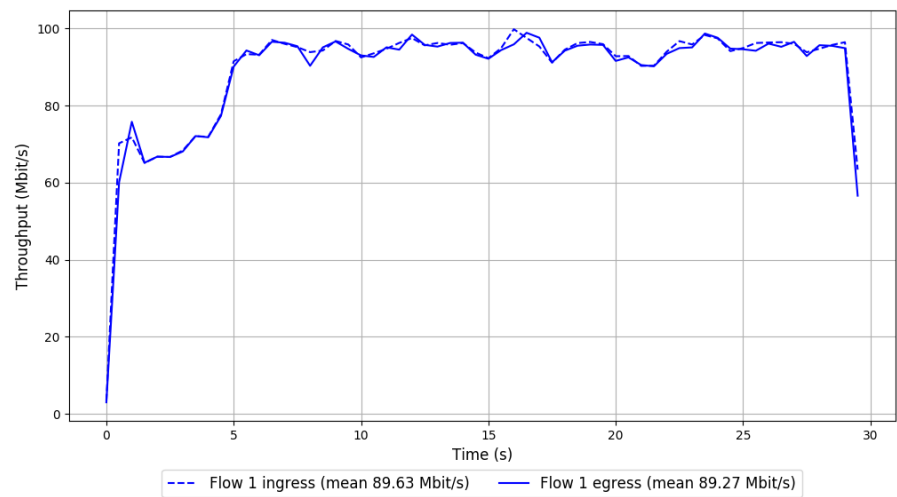


Run 3: Statistics of PCC

Start at: 2017-11-15 20:51:53
End at: 2017-11-15 20:52:23
Local clock offset: -0.675 ms
Remote clock offset: -0.406 ms

Below is generated by plot.py at 2017-11-16 02:58:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.27 Mbit/s
95th percentile per-packet one-way delay: 34.040 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 89.27 Mbit/s
95th percentile per-packet one-way delay: 34.040 ms
Loss rate: 0.59%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2017-11-15 21:10:52

End at: 2017-11-15 21:11:22

Local clock offset: -1.891 ms

Remote clock offset: 0.296 ms

Below is generated by plot.py at 2017-11-16 02:58:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.34 Mbit/s

95th percentile per-packet one-way delay: 31.848 ms

Loss rate: 0.60%

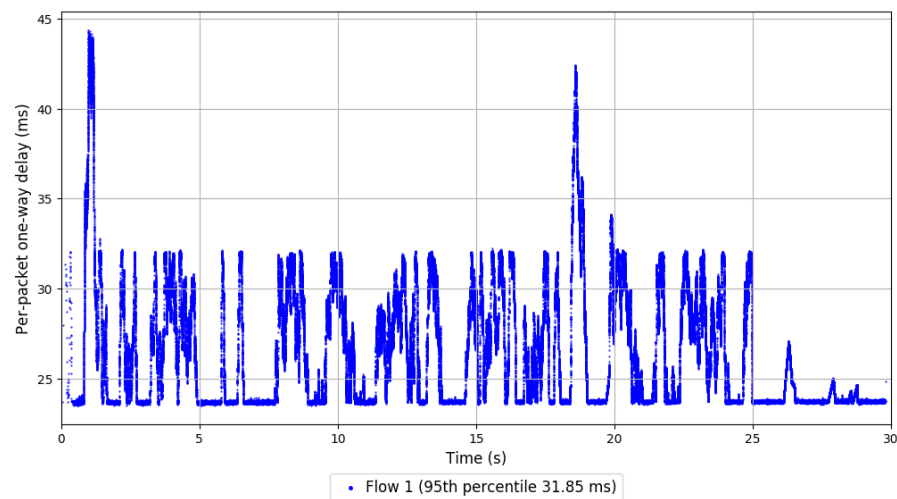
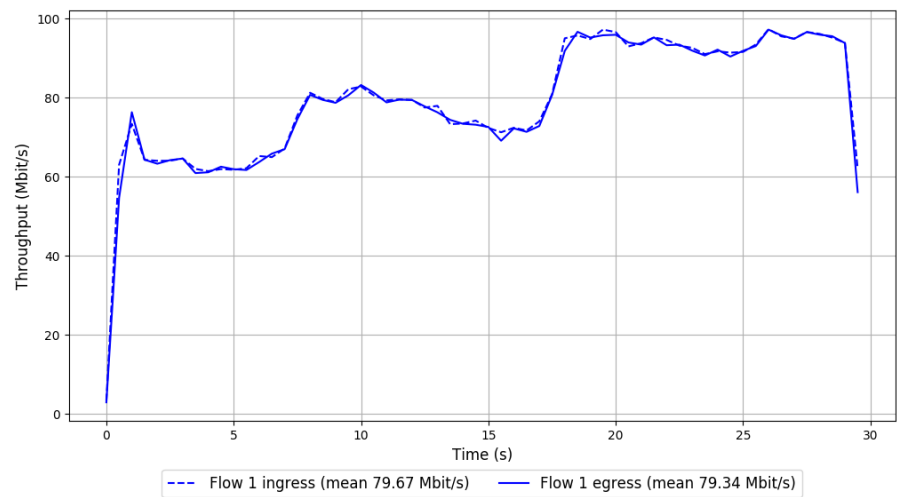
-- Flow 1:

Average throughput: 79.34 Mbit/s

95th percentile per-packet one-way delay: 31.848 ms

Loss rate: 0.60%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2017-11-15 21:29:50

End at: 2017-11-15 21:30:20

Local clock offset: -2.089 ms

Remote clock offset: 0.089 ms

Below is generated by plot.py at 2017-11-16 02:58:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 71.37 Mbit/s

95th percentile per-packet one-way delay: 32.055 ms

Loss rate: 0.61%

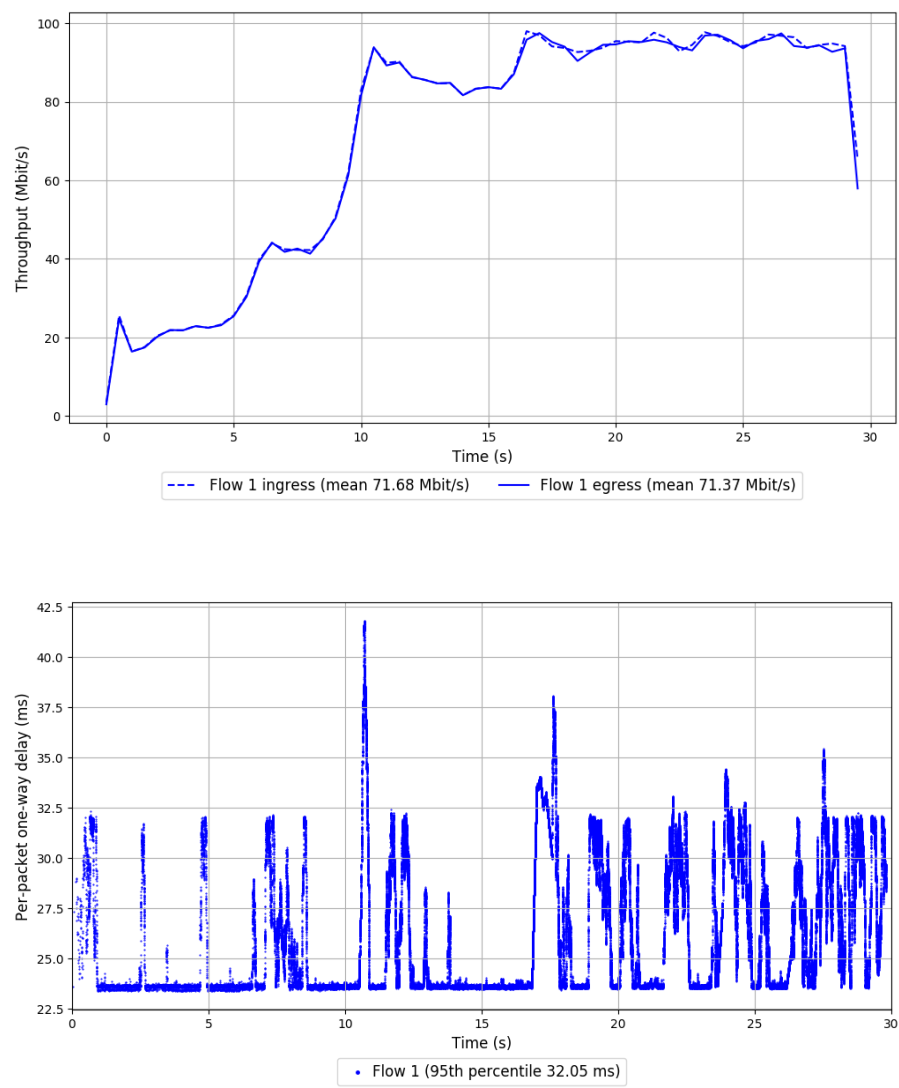
-- Flow 1:

Average throughput: 71.37 Mbit/s

95th percentile per-packet one-way delay: 32.055 ms

Loss rate: 0.61%

Run 5: Report of PCC — Data Link

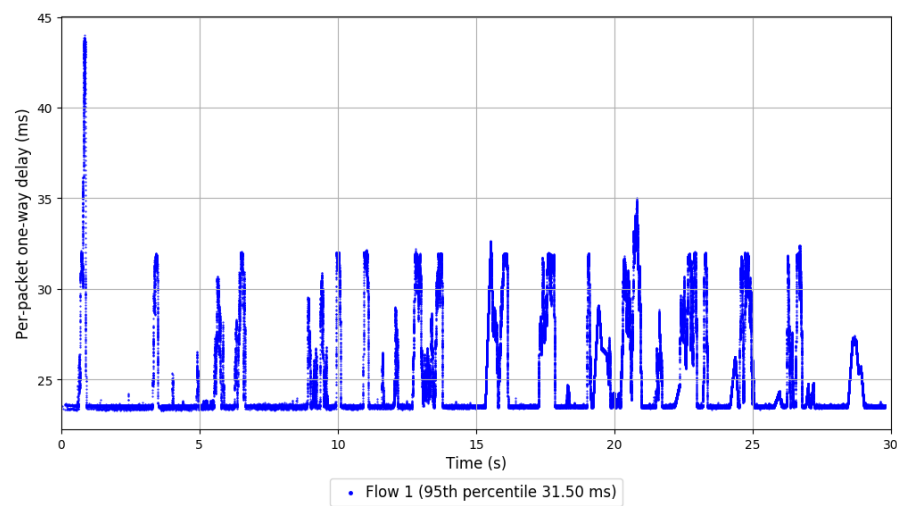
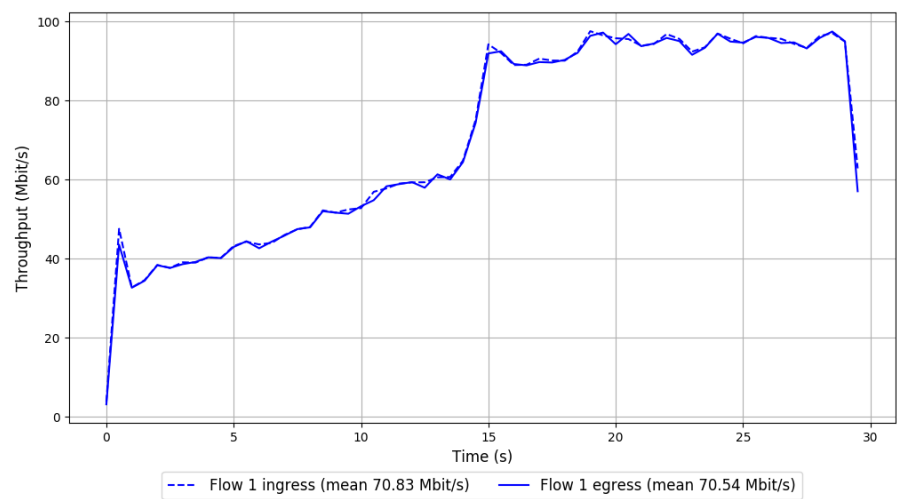


Run 6: Statistics of PCC

Start at: 2017-11-15 21:48:58
End at: 2017-11-15 21:49:28
Local clock offset: -2.348 ms
Remote clock offset: -0.491 ms

Below is generated by plot.py at 2017-11-16 02:58:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.54 Mbit/s
95th percentile per-packet one-way delay: 31.497 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 70.54 Mbit/s
95th percentile per-packet one-way delay: 31.497 ms
Loss rate: 0.59%

Run 6: Report of PCC — Data Link

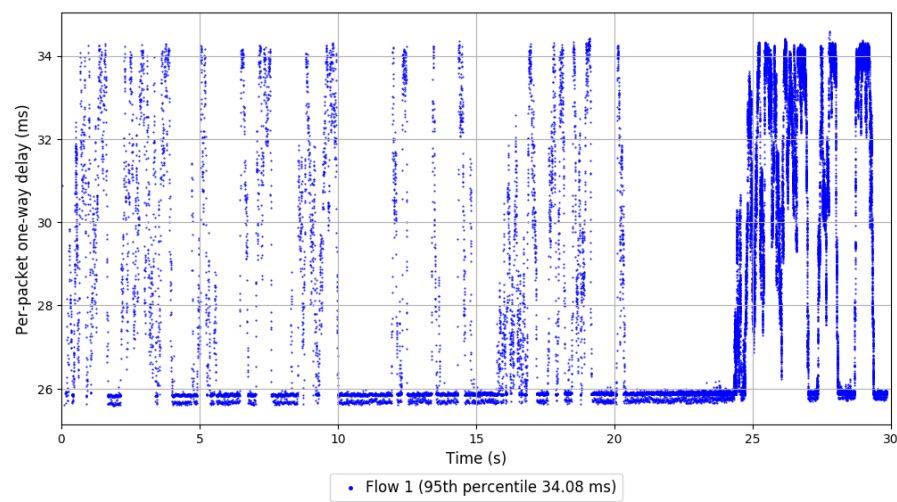
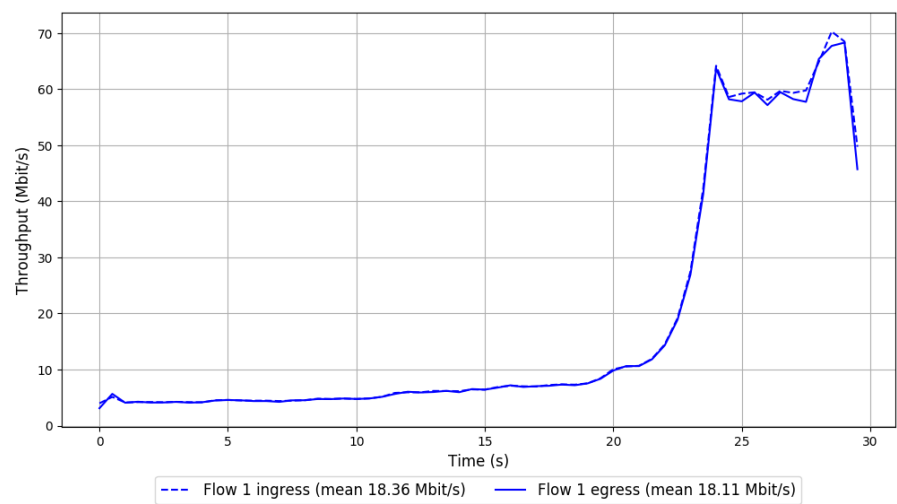


Run 7: Statistics of PCC

Start at: 2017-11-15 22:08:28
End at: 2017-11-15 22:08:58
Local clock offset: -4.21 ms
Remote clock offset: -2.662 ms

Below is generated by plot.py at 2017-11-16 02:58:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.11 Mbit/s
95th percentile per-packet one-way delay: 34.080 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 18.11 Mbit/s
95th percentile per-packet one-way delay: 34.080 ms
Loss rate: 1.54%

Run 7: Report of PCC — Data Link

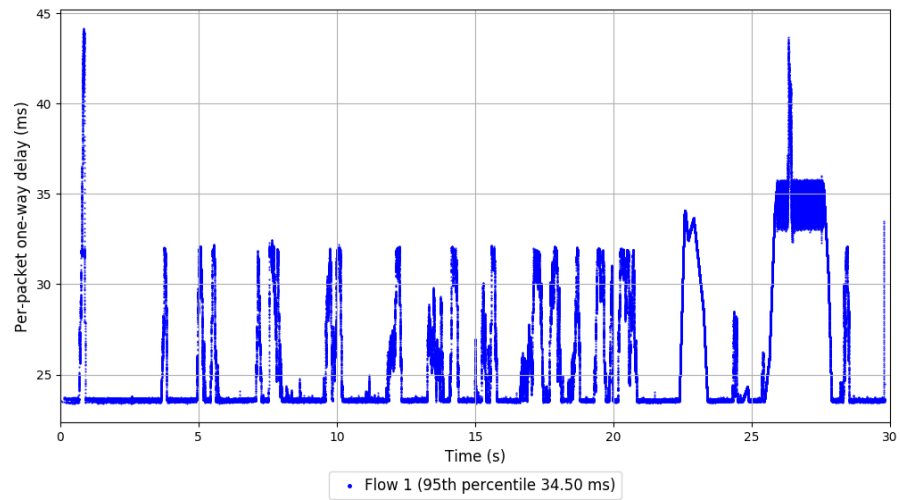
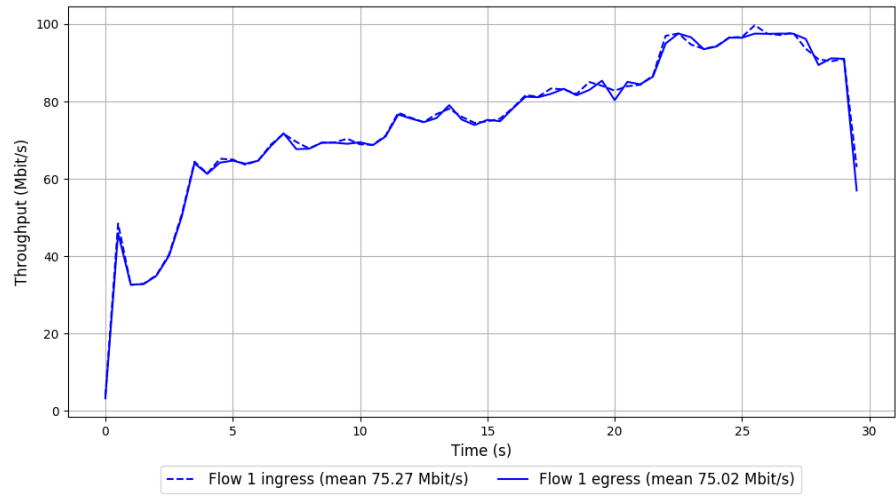


Run 8: Statistics of PCC

Start at: 2017-11-15 22:28:24
End at: 2017-11-15 22:28:54
Local clock offset: -4.901 ms
Remote clock offset: -0.358 ms

Below is generated by plot.py at 2017-11-16 02:58:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.02 Mbit/s
95th percentile per-packet one-way delay: 34.500 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 75.02 Mbit/s
95th percentile per-packet one-way delay: 34.500 ms
Loss rate: 0.51%

Run 8: Report of PCC — Data Link

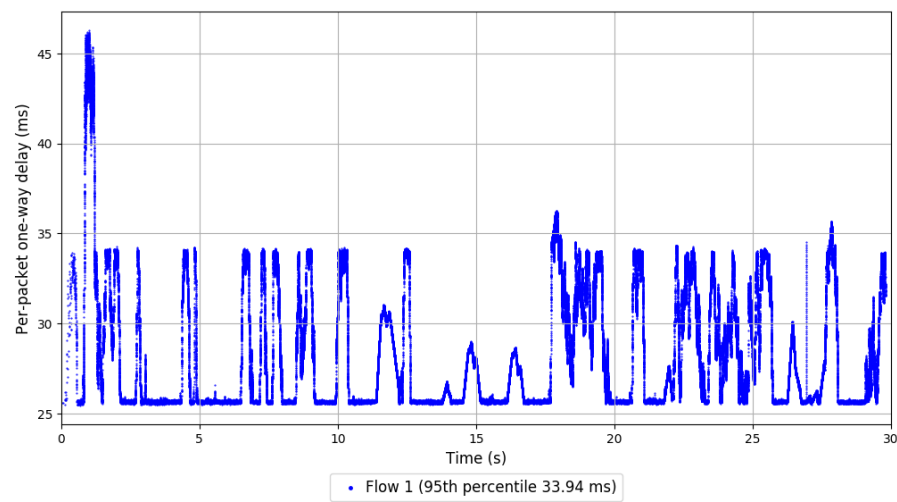
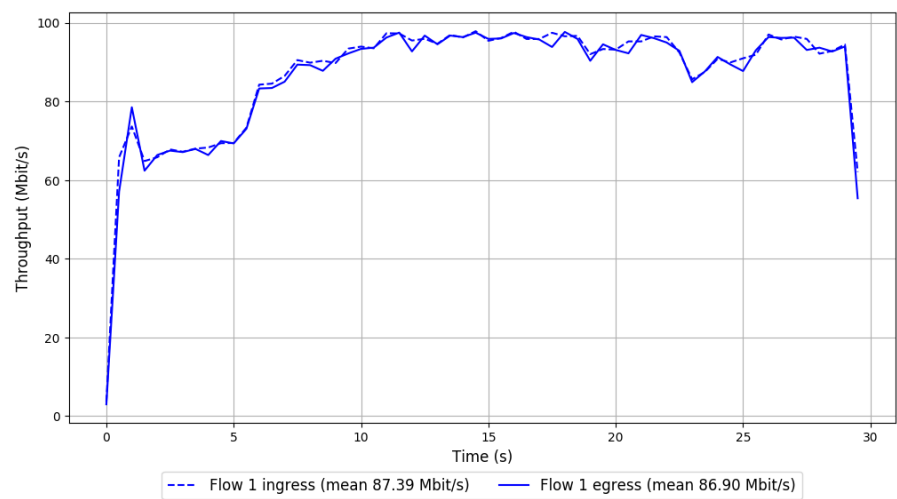


Run 9: Statistics of PCC

Start at: 2017-11-15 22:47:19
End at: 2017-11-15 22:47:49
Local clock offset: -4.549 ms
Remote clock offset: -2.616 ms

Below is generated by plot.py at 2017-11-16 02:58:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.90 Mbit/s
95th percentile per-packet one-way delay: 33.935 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 86.90 Mbit/s
95th percentile per-packet one-way delay: 33.935 ms
Loss rate: 0.74%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2017-11-15 23:07:08

End at: 2017-11-15 23:07:38

Local clock offset: -1.483 ms

Remote clock offset: 0.023 ms

Below is generated by plot.py at 2017-11-16 02:59:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.96 Mbit/s

95th percentile per-packet one-way delay: 34.669 ms

Loss rate: 0.60%

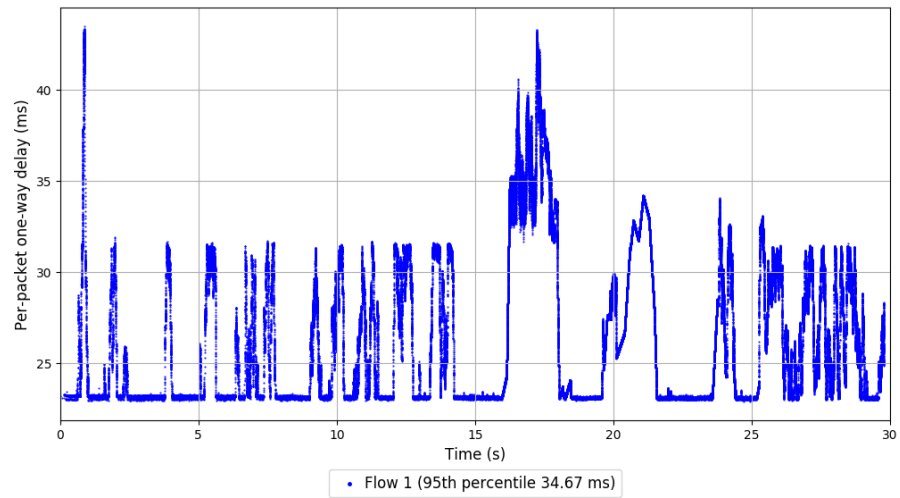
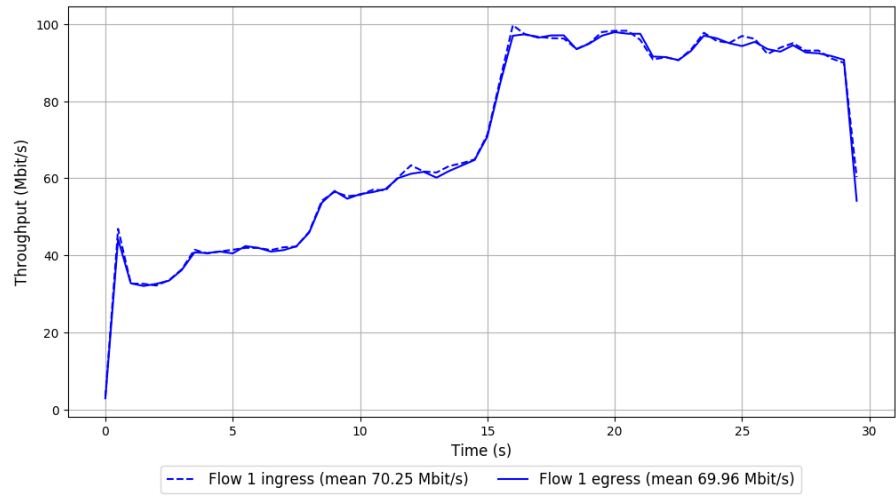
-- Flow 1:

Average throughput: 69.96 Mbit/s

95th percentile per-packet one-way delay: 34.669 ms

Loss rate: 0.60%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2017-11-15 20:26:16

End at: 2017-11-15 20:26:46

Local clock offset: -4.507 ms

Remote clock offset: -0.831 ms

Below is generated by plot.py at 2017-11-16 02:59:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 29.04 Mbit/s

95th percentile per-packet one-way delay: 27.584 ms

Loss rate: 0.65%

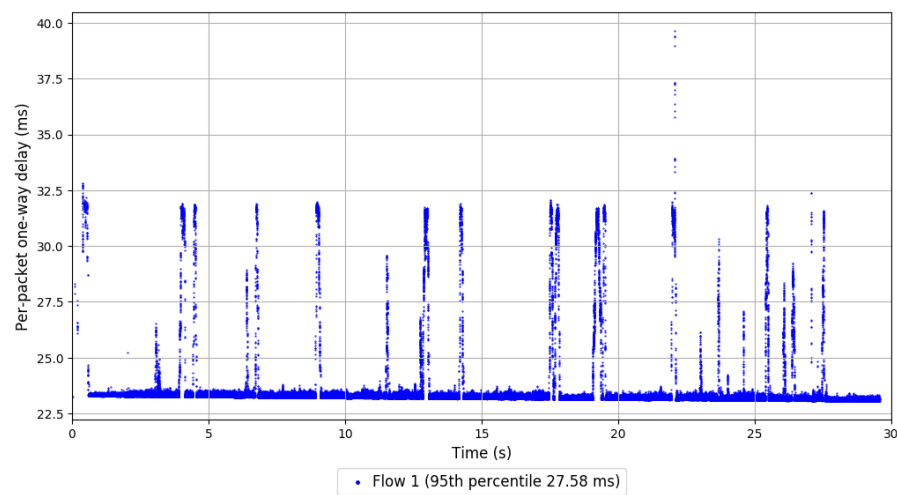
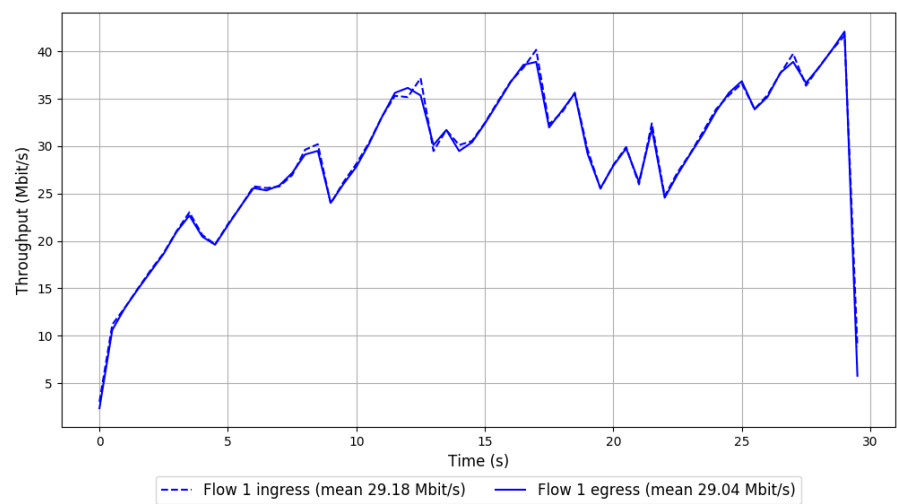
-- Flow 1:

Average throughput: 29.04 Mbit/s

95th percentile per-packet one-way delay: 27.584 ms

Loss rate: 0.65%

Run 1: Report of QUIC Cubic — Data Link

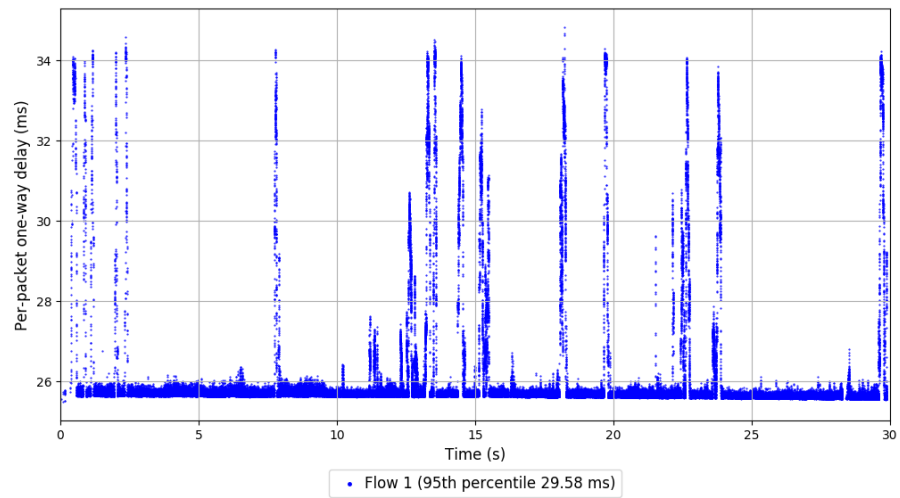
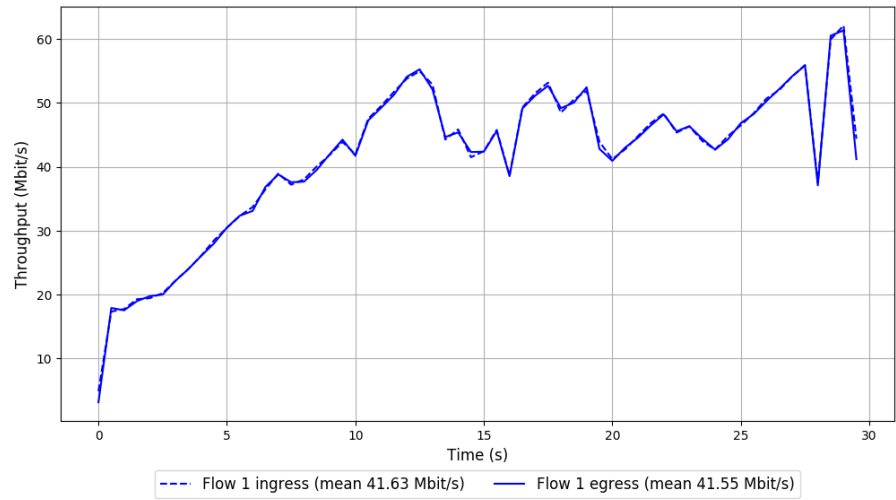


Run 2: Statistics of QUIC Cubic

Start at: 2017-11-15 20:45:05
End at: 2017-11-15 20:45:35
Local clock offset: -1.173 ms
Remote clock offset: -2.749 ms

Below is generated by plot.py at 2017-11-16 02:59:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.55 Mbit/s
95th percentile per-packet one-way delay: 29.581 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 41.55 Mbit/s
95th percentile per-packet one-way delay: 29.581 ms
Loss rate: 0.38%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2017-11-15 21:03:51

End at: 2017-11-15 21:04:21

Local clock offset: -1.705 ms

Remote clock offset: 0.378 ms

Below is generated by plot.py at 2017-11-16 02:59:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.77 Mbit/s

95th percentile per-packet one-way delay: 31.426 ms

Loss rate: 0.41%

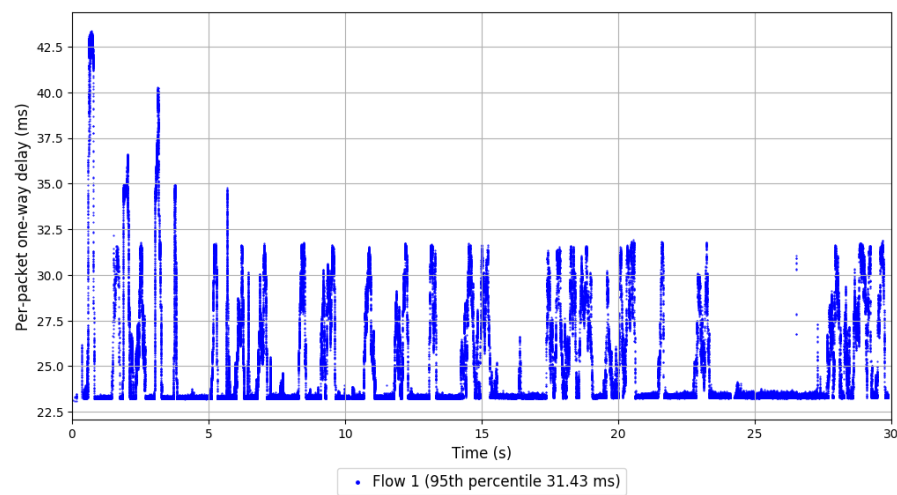
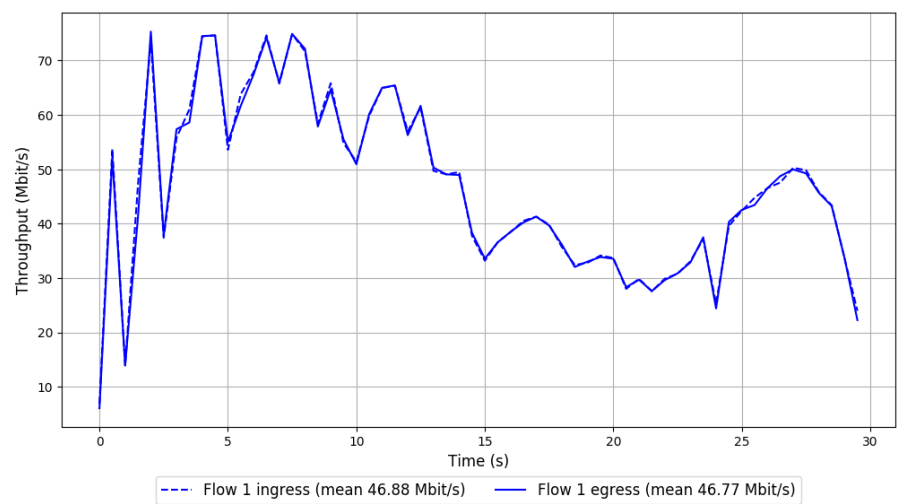
-- Flow 1:

Average throughput: 46.77 Mbit/s

95th percentile per-packet one-way delay: 31.426 ms

Loss rate: 0.41%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2017-11-15 21:23:01

End at: 2017-11-15 21:23:31

Local clock offset: -1.943 ms

Remote clock offset: 0.855 ms

Below is generated by plot.py at 2017-11-16 02:59:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 36.19 Mbit/s

95th percentile per-packet one-way delay: 28.181 ms

Loss rate: 0.35%

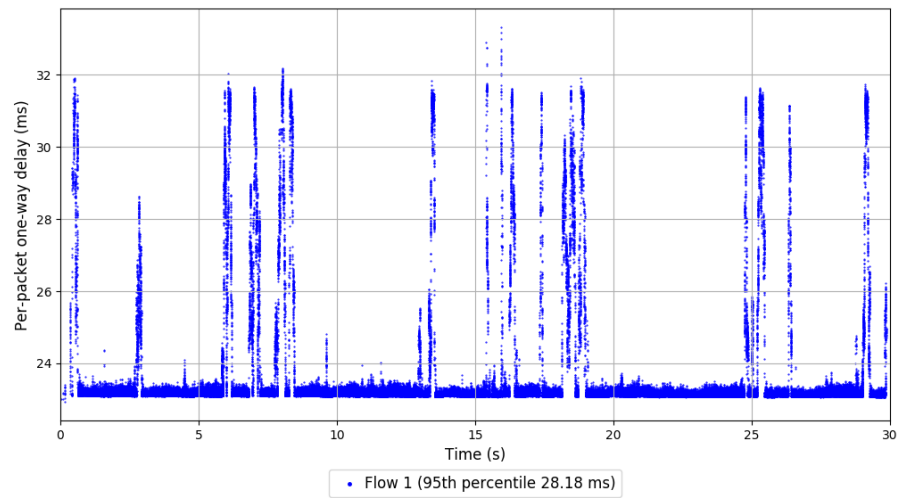
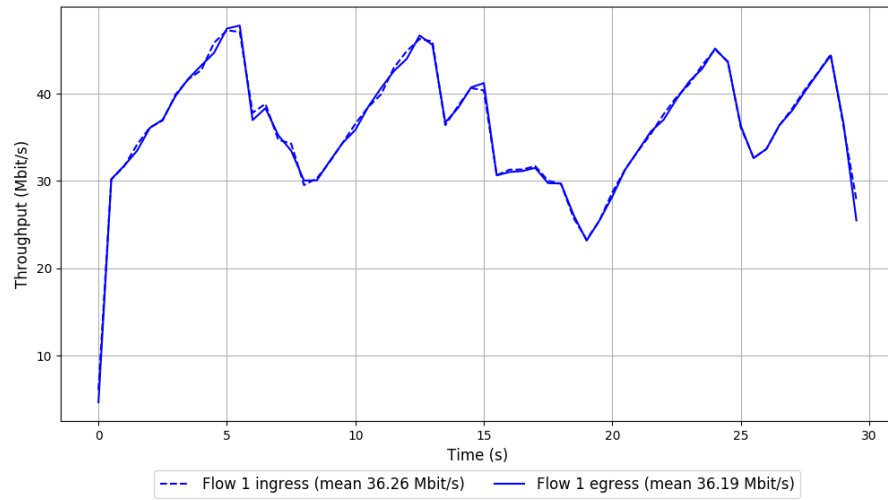
-- Flow 1:

Average throughput: 36.19 Mbit/s

95th percentile per-packet one-way delay: 28.181 ms

Loss rate: 0.35%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-11-15 21:42:06

End at: 2017-11-15 21:42:36

Local clock offset: -2.138 ms

Remote clock offset: -2.375 ms

Below is generated by plot.py at 2017-11-16 02:59:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 27.98 Mbit/s

95th percentile per-packet one-way delay: 33.953 ms

Loss rate: 0.83%

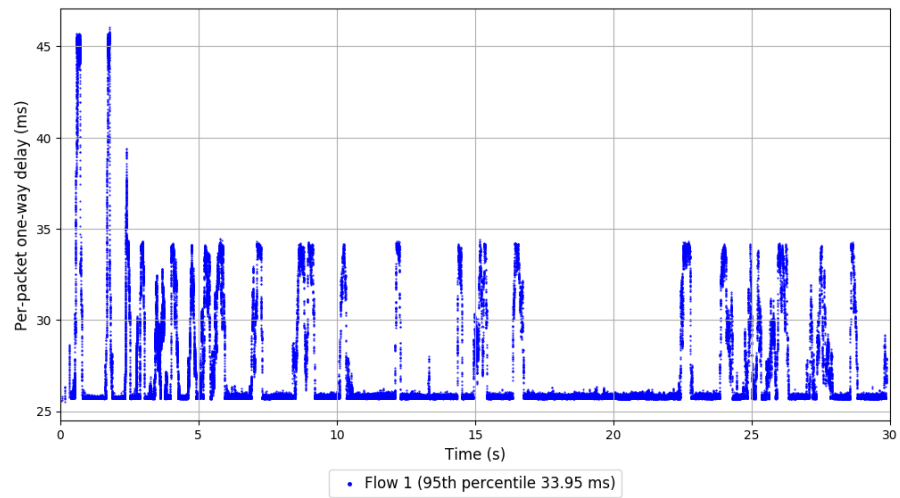
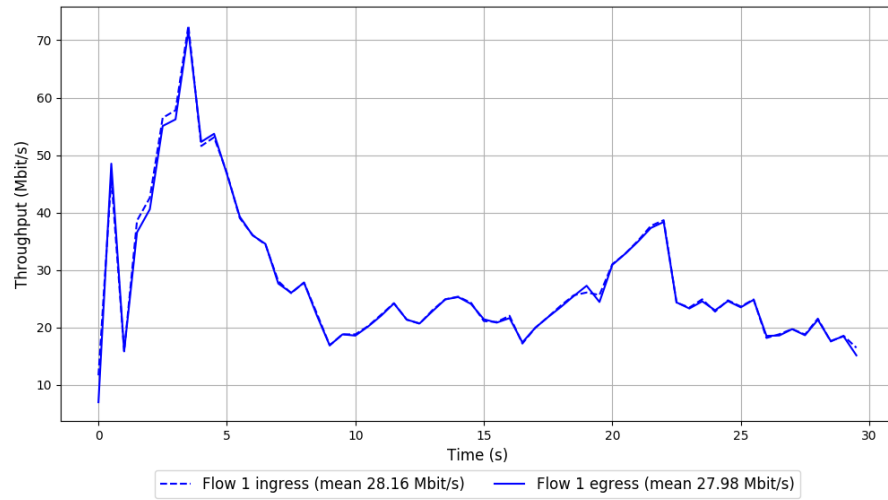
-- Flow 1:

Average throughput: 27.98 Mbit/s

95th percentile per-packet one-way delay: 33.953 ms

Loss rate: 0.83%

Run 5: Report of QUIC Cubic — Data Link

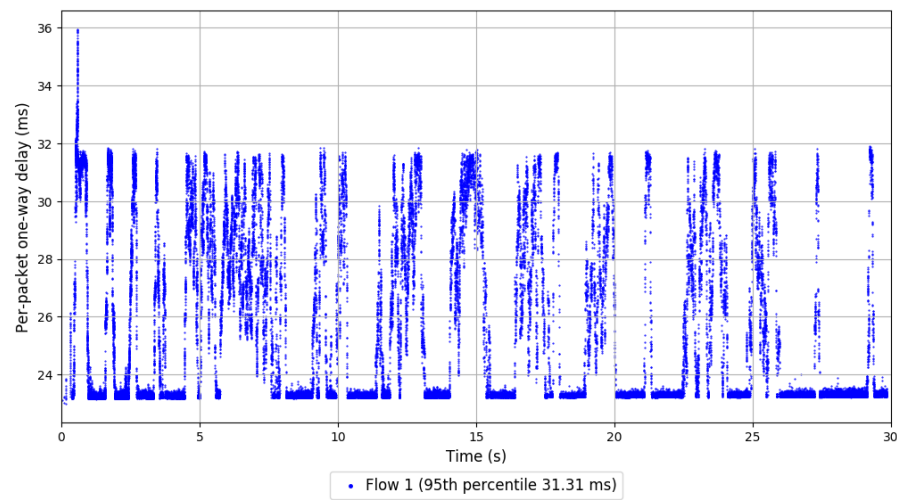
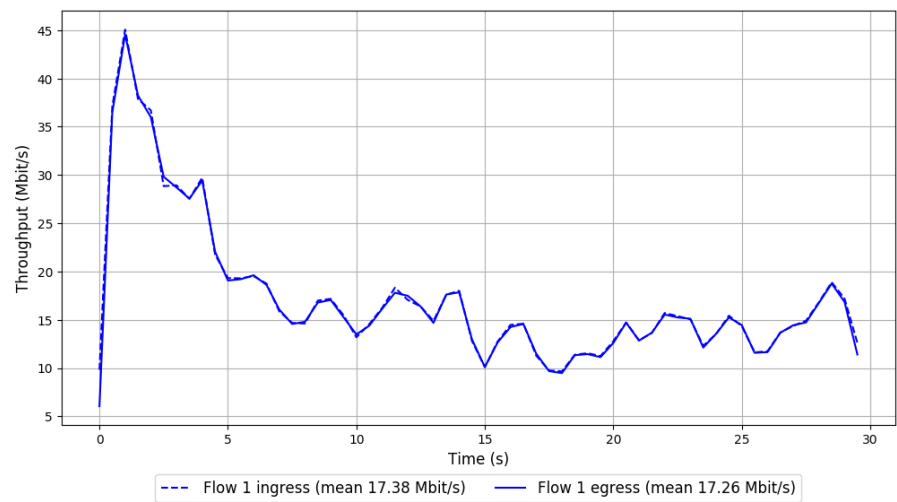


Run 6: Statistics of QUIC Cubic

Start at: 2017-11-15 22:01:19
End at: 2017-11-15 22:01:49
Local clock offset: -3.403 ms
Remote clock offset: -0.216 ms

Below is generated by plot.py at 2017-11-16 02:59:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.26 Mbit/s
95th percentile per-packet one-way delay: 31.311 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 17.26 Mbit/s
95th percentile per-packet one-way delay: 31.311 ms
Loss rate: 0.83%

Run 6: Report of QUIC Cubic — Data Link

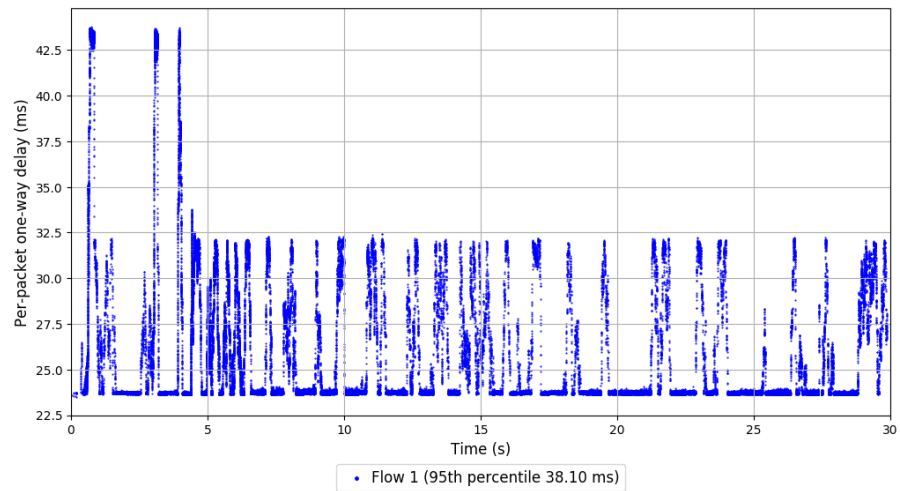
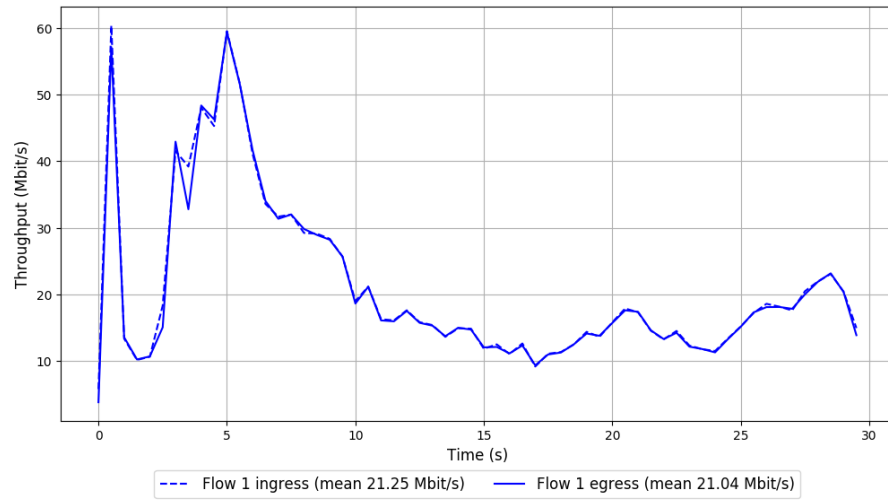


Run 7: Statistics of QUIC Cubic

Start at: 2017-11-15 22:21:12
End at: 2017-11-15 22:21:42
Local clock offset: -5.428 ms
Remote clock offset: -0.363 ms

Below is generated by plot.py at 2017-11-16 02:59:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 21.04 Mbit/s
95th percentile per-packet one-way delay: 38.097 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 21.04 Mbit/s
95th percentile per-packet one-way delay: 38.097 ms
Loss rate: 1.20%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-11-15 22:40:29

End at: 2017-11-15 22:40:59

Local clock offset: -4.457 ms

Remote clock offset: -0.353 ms

Below is generated by plot.py at 2017-11-16 02:59:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 49.83 Mbit/s

95th percentile per-packet one-way delay: 35.246 ms

Loss rate: 0.45%

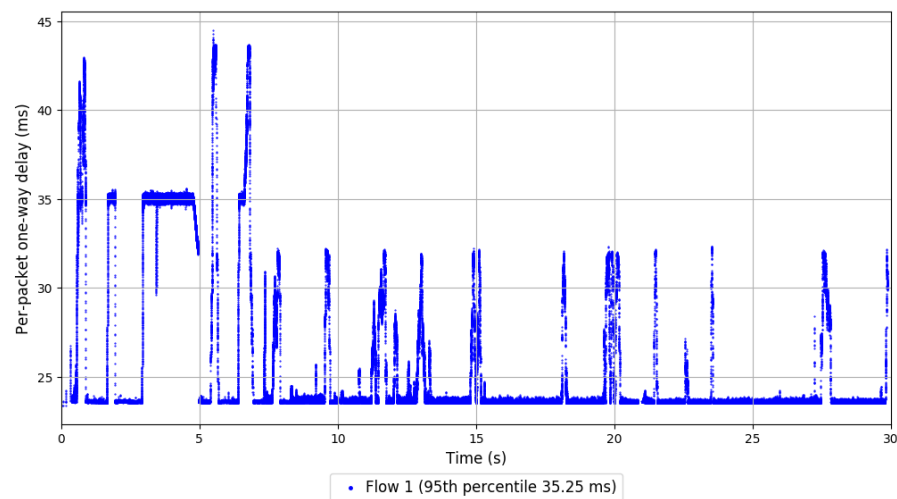
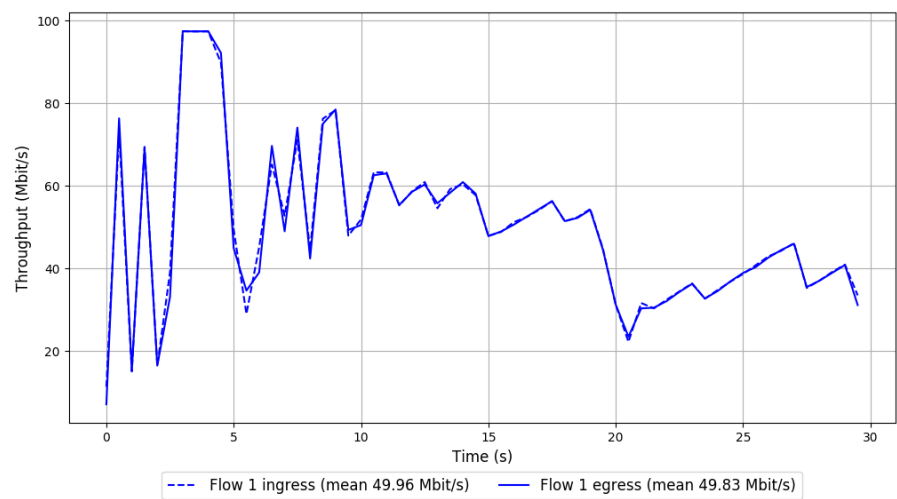
-- Flow 1:

Average throughput: 49.83 Mbit/s

95th percentile per-packet one-way delay: 35.246 ms

Loss rate: 0.45%

Run 8: Report of QUIC Cubic — Data Link

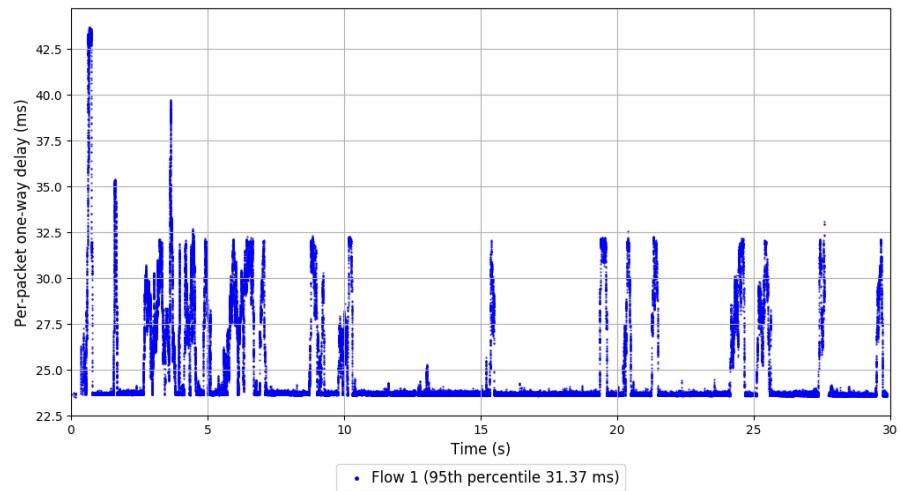
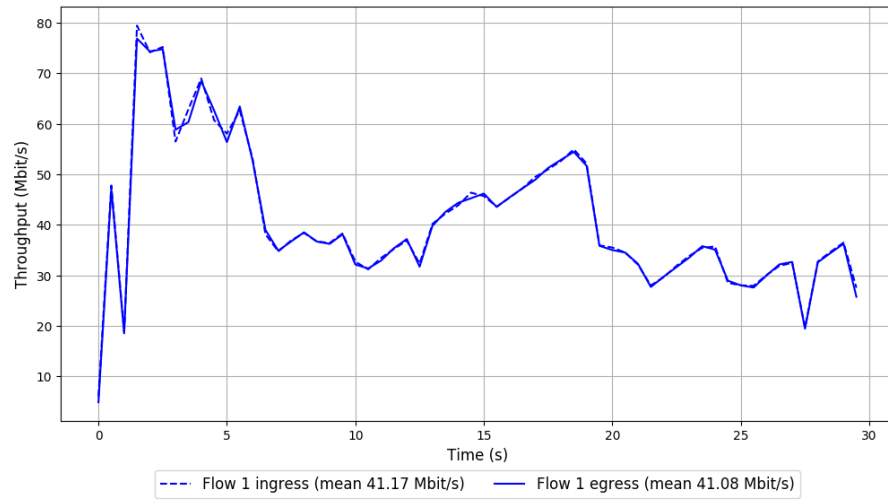


Run 9: Statistics of QUIC Cubic

Start at: 2017-11-15 23:00:11
End at: 2017-11-15 23:00:41
Local clock offset: -2.644 ms
Remote clock offset: -0.572 ms

Below is generated by plot.py at 2017-11-16 02:59:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.08 Mbit/s
95th percentile per-packet one-way delay: 31.374 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 41.08 Mbit/s
95th percentile per-packet one-way delay: 31.374 ms
Loss rate: 0.42%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-11-15 23:19:12

End at: 2017-11-15 23:19:42

Local clock offset: -0.7 ms

Remote clock offset: -0.076 ms

Below is generated by plot.py at 2017-11-16 02:59:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 32.70 Mbit/s

95th percentile per-packet one-way delay: 35.155 ms

Loss rate: 0.56%

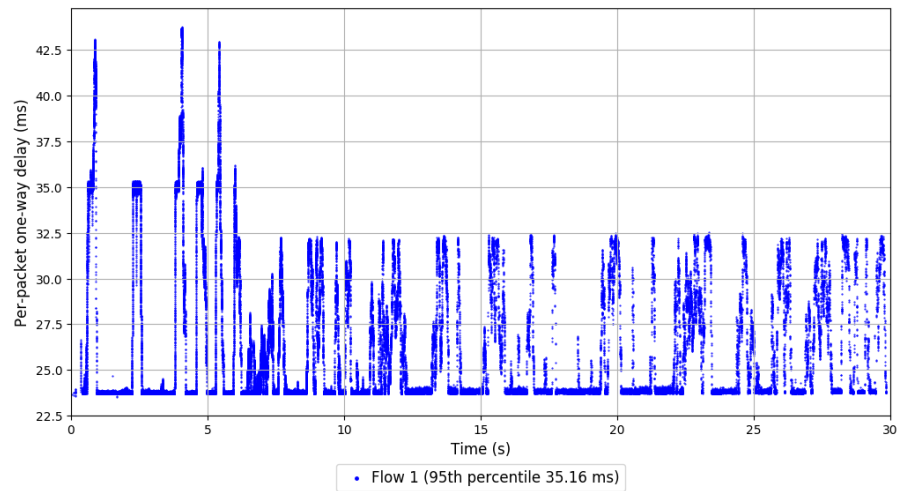
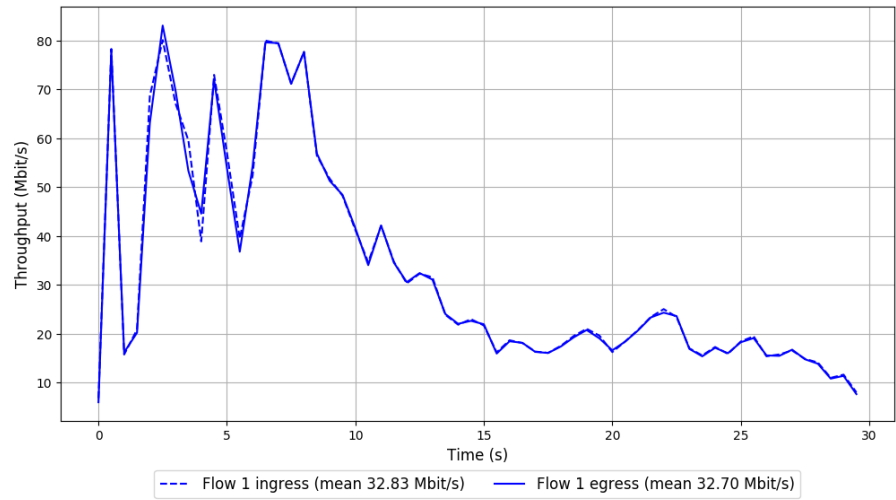
-- Flow 1:

Average throughput: 32.70 Mbit/s

95th percentile per-packet one-way delay: 35.155 ms

Loss rate: 0.56%

Run 10: Report of QUIC Cubic — Data Link

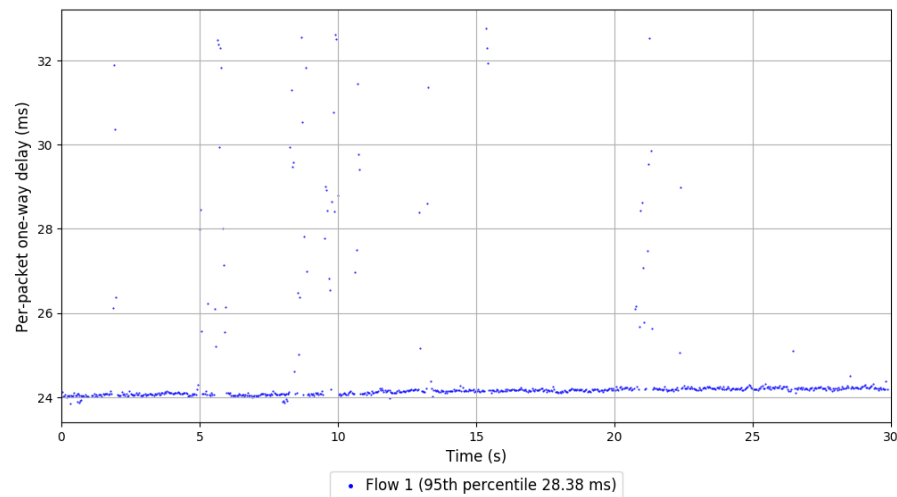
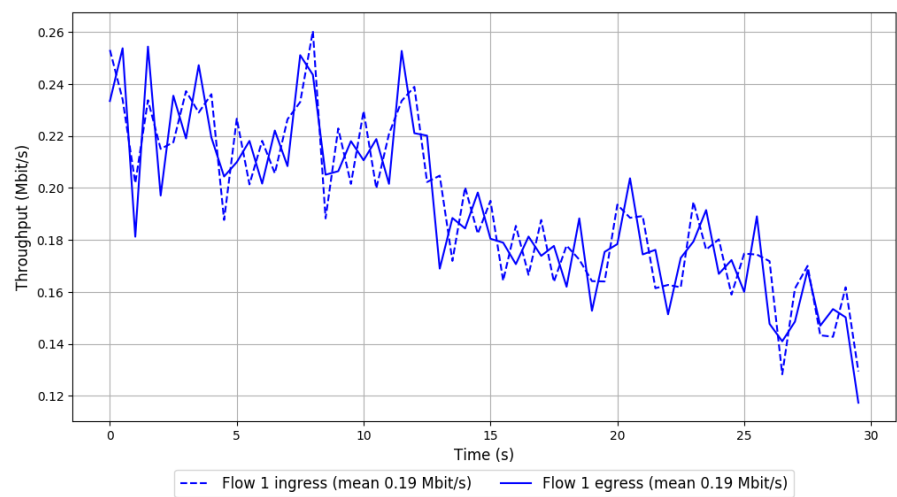


Run 1: Statistics of SCReAM

Start at: 2017-11-15 20:20:54
End at: 2017-11-15 20:21:24
Local clock offset: -5.023 ms
Remote clock offset: -0.951 ms

Below is generated by plot.py at 2017-11-16 02:59:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 28.383 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 28.383 ms
Loss rate: 0.47%

Run 1: Report of SReAM — Data Link

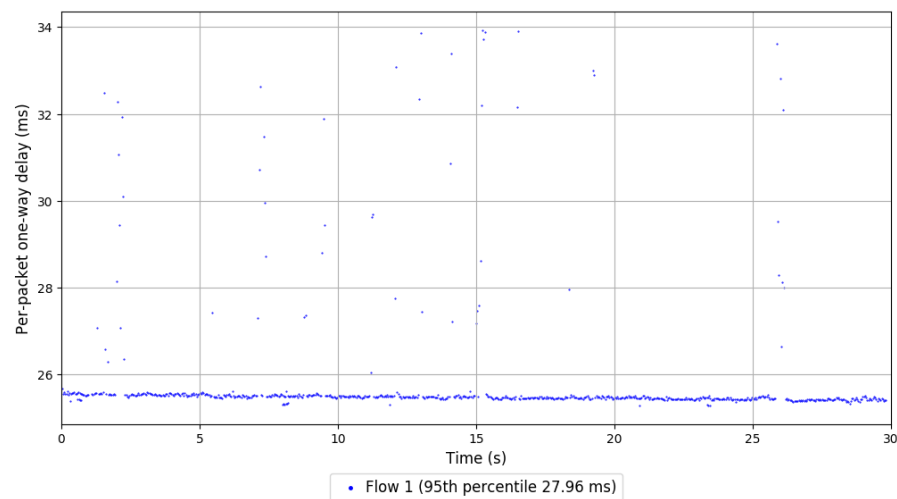
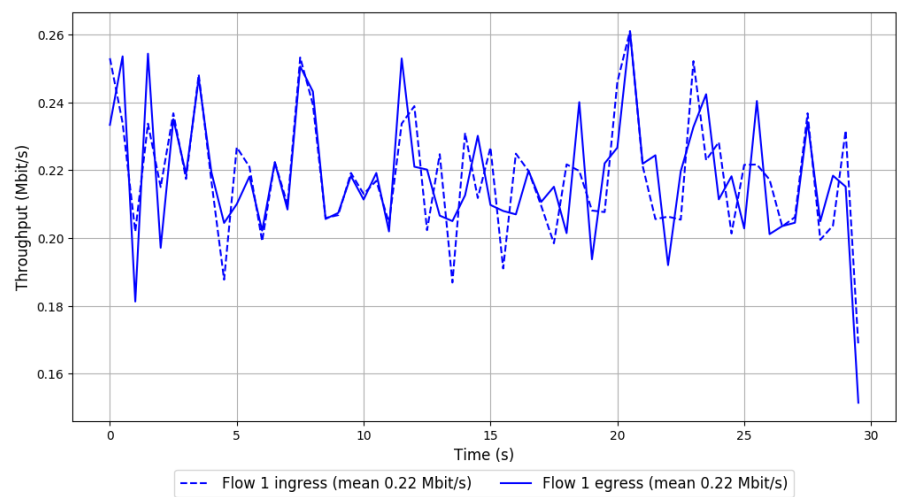


Run 2: Statistics of SCReAM

Start at: 2017-11-15 20:39:42
End at: 2017-11-15 20:40:12
Local clock offset: -2.316 ms
Remote clock offset: -2.845 ms

Below is generated by plot.py at 2017-11-16 02:59:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.956 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.956 ms
Loss rate: 0.25%

Run 2: Report of SCRaM — Data Link

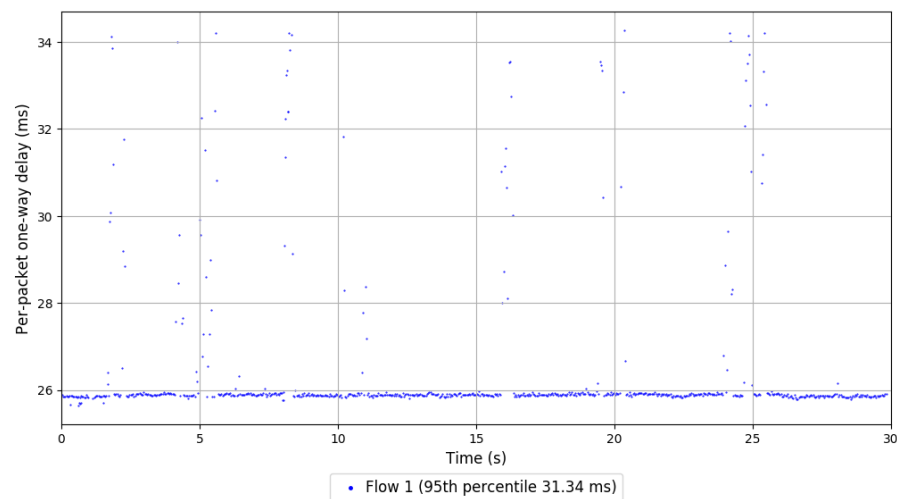
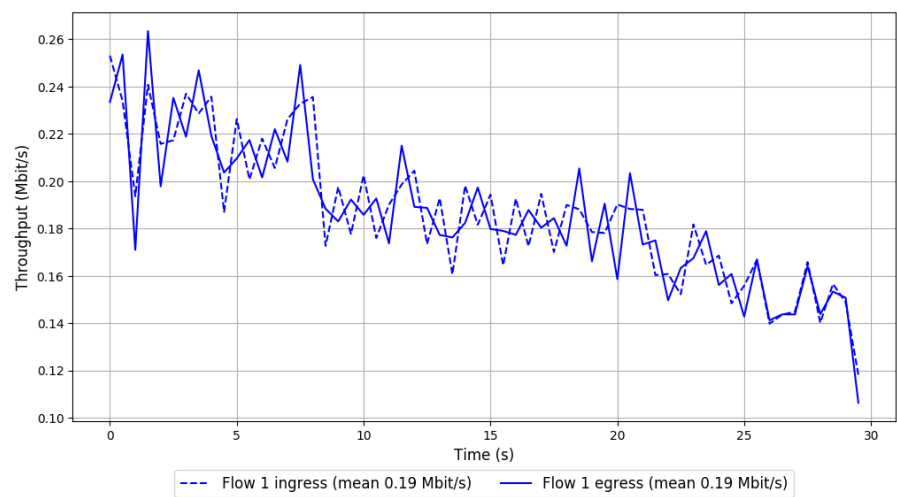


Run 3: Statistics of SCReAM

Start at: 2017-11-15 20:58:33
End at: 2017-11-15 20:59:03
Local clock offset: -1.181 ms
Remote clock offset: -2.389 ms

Below is generated by plot.py at 2017-11-16 02:59:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 31.340 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 31.340 ms
Loss rate: 0.54%

Run 3: Report of SReAM — Data Link

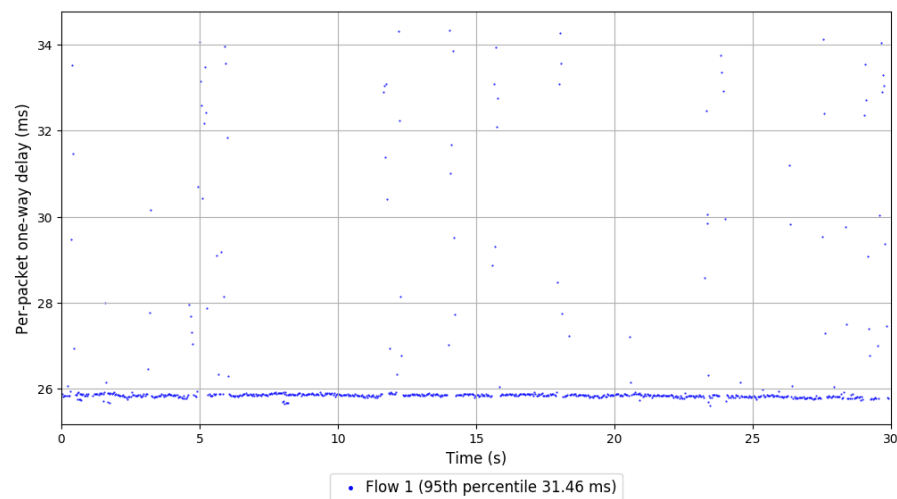
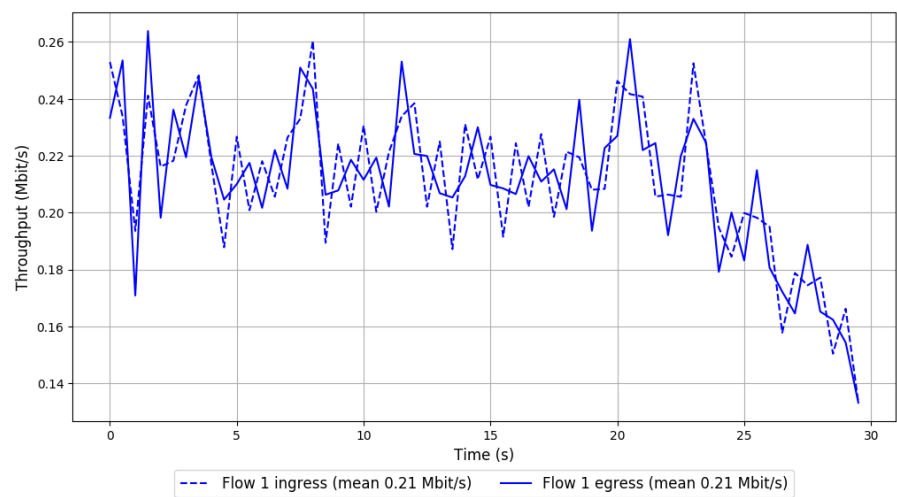


Run 4: Statistics of SCReAM

Start at: 2017-11-15 21:17:38
End at: 2017-11-15 21:18:08
Local clock offset: -2.311 ms
Remote clock offset: -1.689 ms

Below is generated by plot.py at 2017-11-16 02:59:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.459 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 31.459 ms
Loss rate: 0.24%

Run 4: Report of SReAM — Data Link

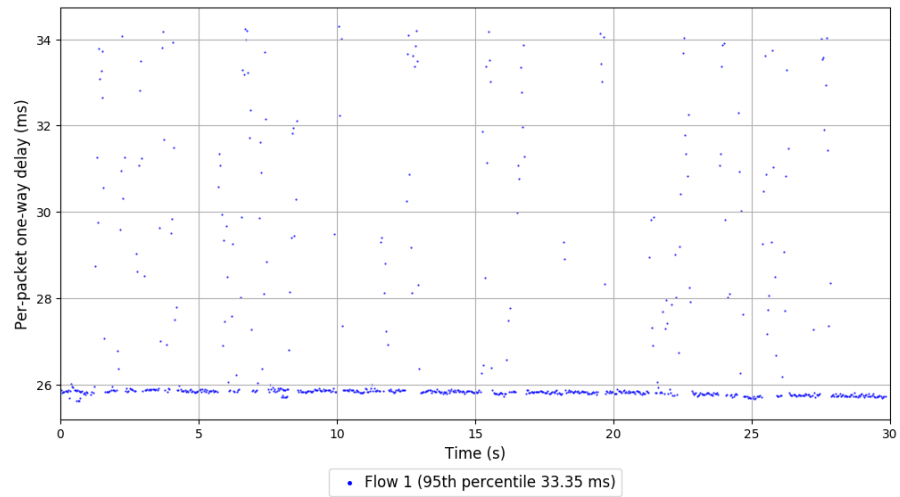
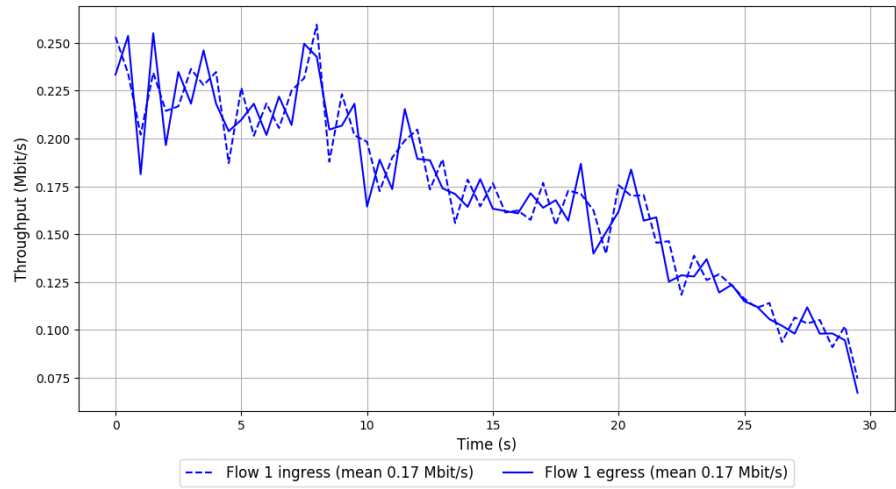


Run 5: Statistics of SCReAM

Start at: 2017-11-15 21:36:36
End at: 2017-11-15 21:37:06
Local clock offset: -2.481 ms
Remote clock offset: -2.123 ms

Below is generated by plot.py at 2017-11-16 02:59:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 33.353 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 33.353 ms
Loss rate: 0.62%

Run 5: Report of SReAM — Data Link

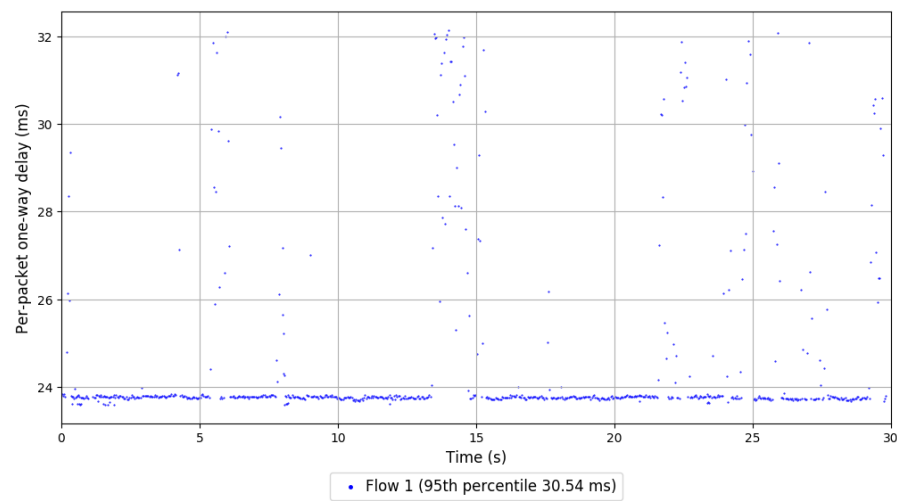
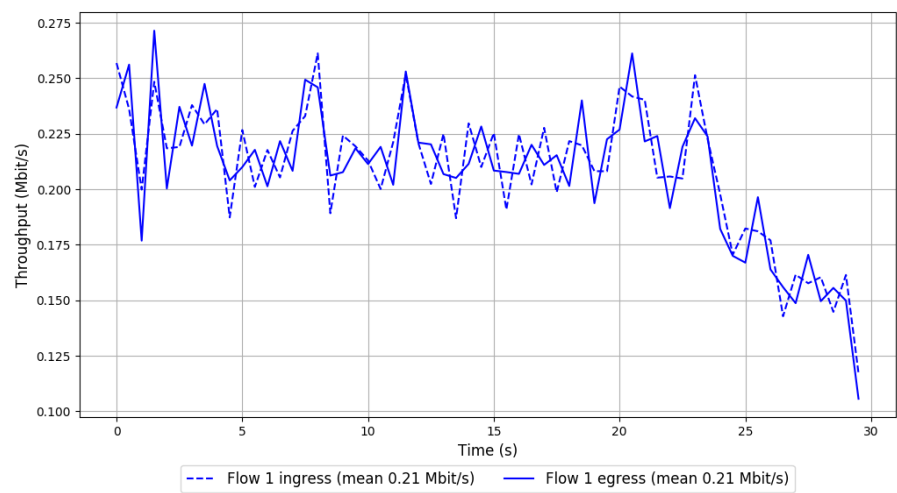


Run 6: Statistics of SCReAM

Start at: 2017-11-15 21:55:45
End at: 2017-11-15 21:56:15
Local clock offset: -2.751 ms
Remote clock offset: -0.606 ms

Below is generated by plot.py at 2017-11-16 02:59:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.539 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.539 ms
Loss rate: 0.46%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2017-11-15 22:15:41

End at: 2017-11-15 22:16:11

Local clock offset: -5.19 ms

Remote clock offset: -0.42 ms

Below is generated by plot.py at 2017-11-16 02:59:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 28.228 ms

Loss rate: 0.37%

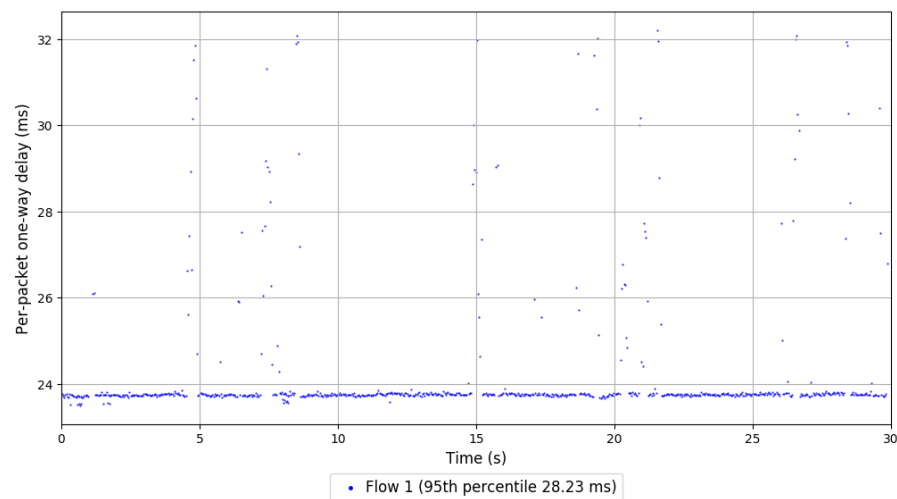
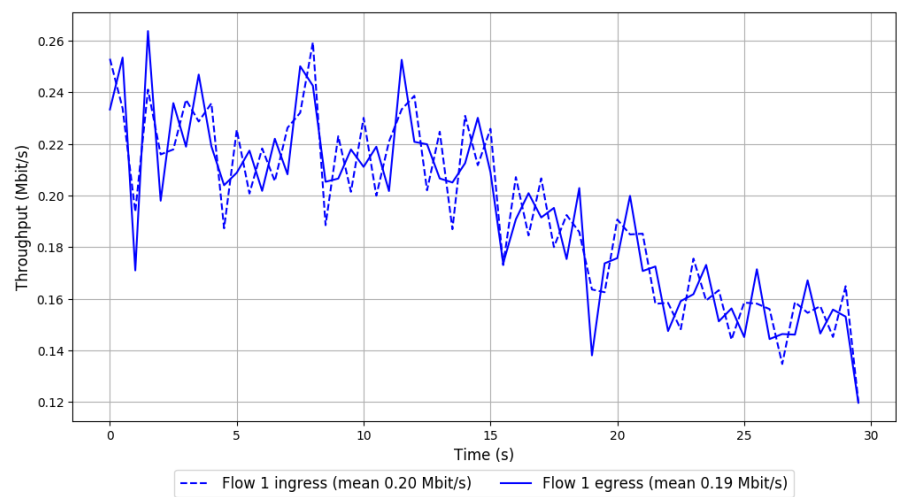
-- Flow 1:

Average throughput: 0.19 Mbit/s

95th percentile per-packet one-way delay: 28.228 ms

Loss rate: 0.37%

Run 7: Report of SReAM — Data Link

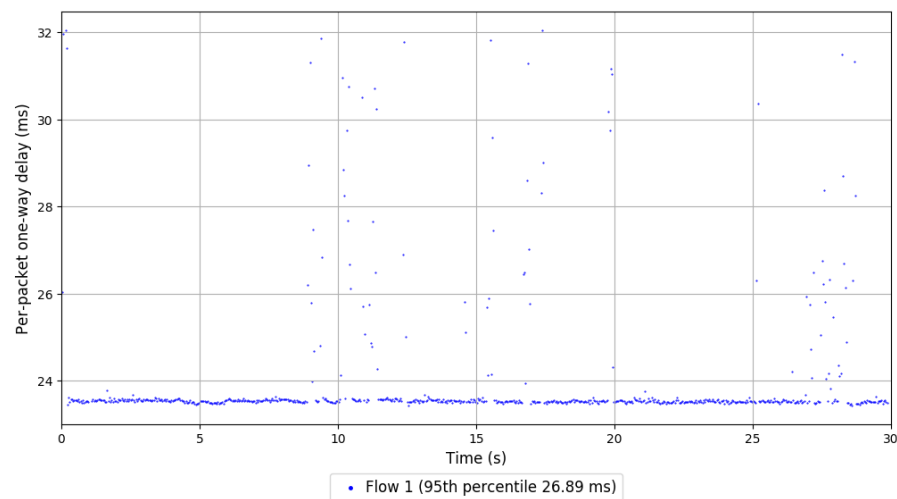
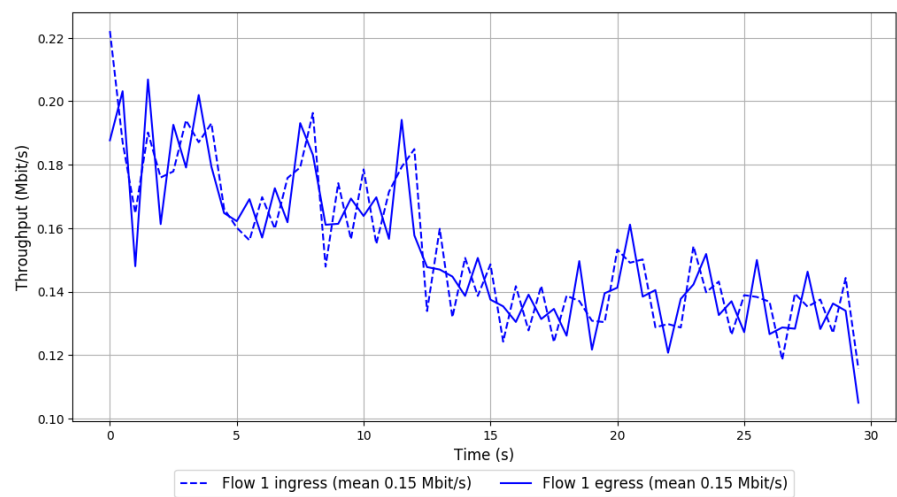


Run 8: Statistics of SCReAM

Start at: 2017-11-15 22:35:09
End at: 2017-11-15 22:35:39
Local clock offset: -4.588 ms
Remote clock offset: -0.296 ms

Below is generated by plot.py at 2017-11-16 02:59:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 26.894 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 26.894 ms
Loss rate: 0.58%

Run 8: Report of SReAM — Data Link

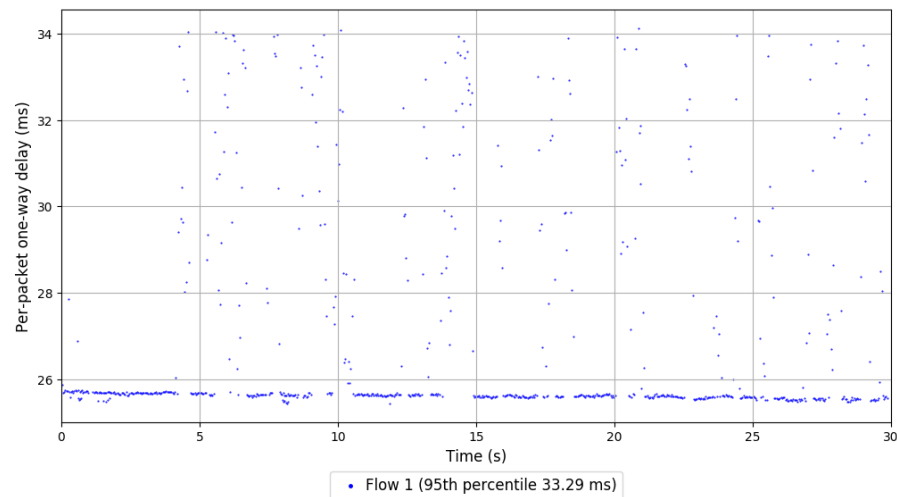
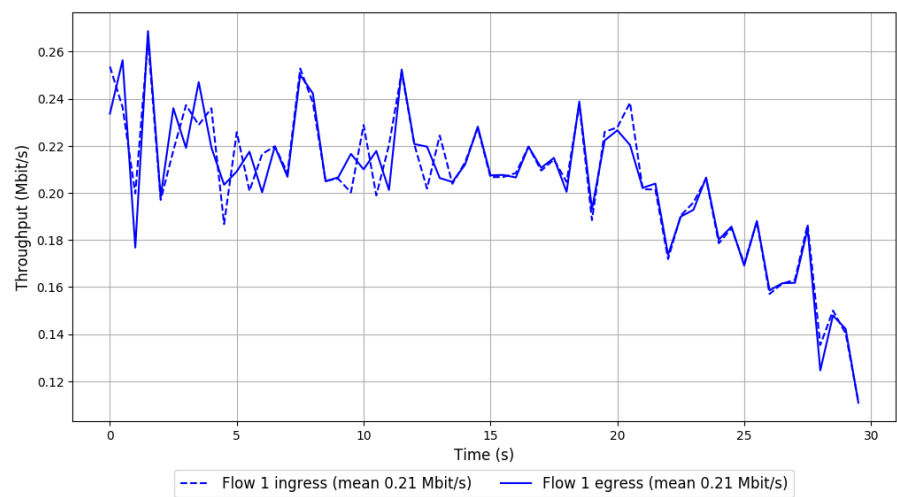


Run 9: Statistics of SCReAM

Start at: 2017-11-15 22:54:33
End at: 2017-11-15 22:55:03
Local clock offset: -3.447 ms
Remote clock offset: -2.668 ms

Below is generated by plot.py at 2017-11-16 02:59:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.290 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 33.290 ms
Loss rate: 0.38%

Run 9: Report of SReAM — Data Link

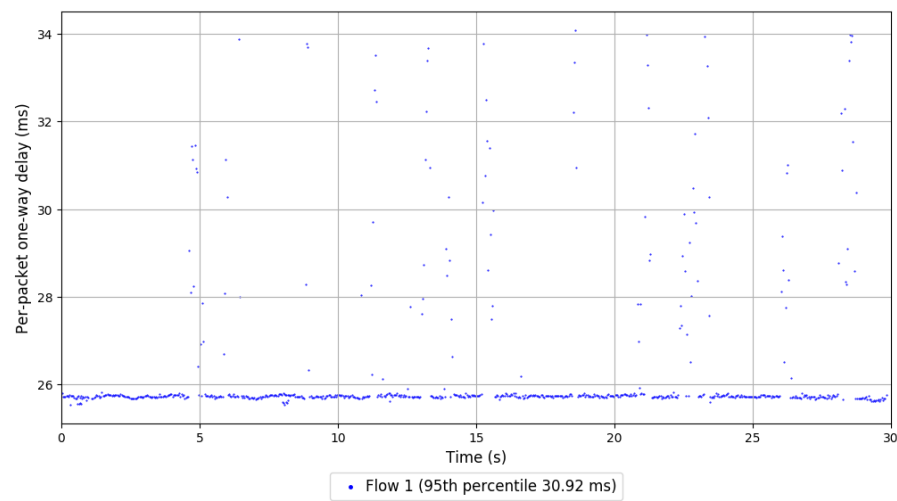
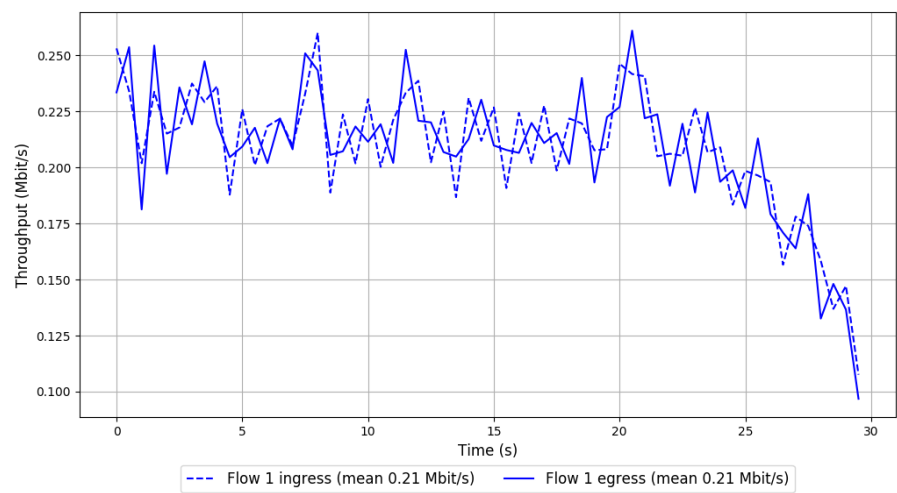


Run 10: Statistics of SReAM

Start at: 2017-11-15 23:13:49
End at: 2017-11-15 23:14:19
Local clock offset: -0.855 ms
Remote clock offset: -2.351 ms

Below is generated by plot.py at 2017-11-16 02:59:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.923 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 30.923 ms
Loss rate: 0.45%

Run 10: Report of SReAM — Data Link

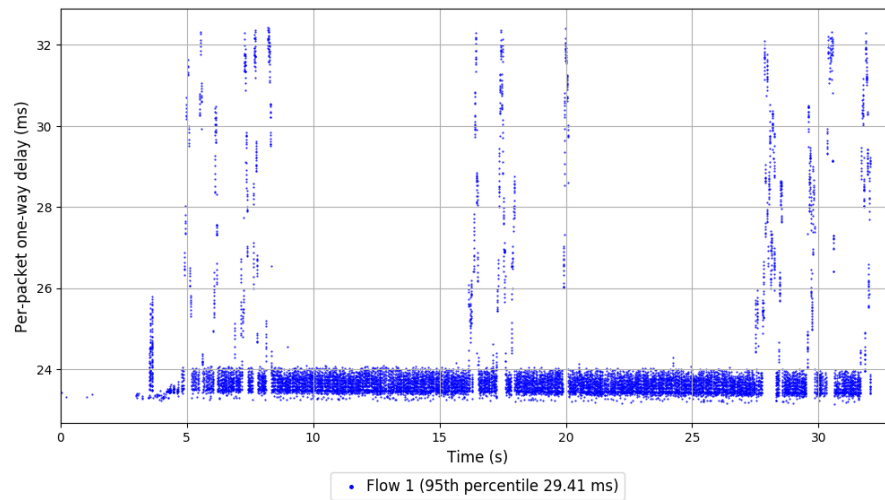
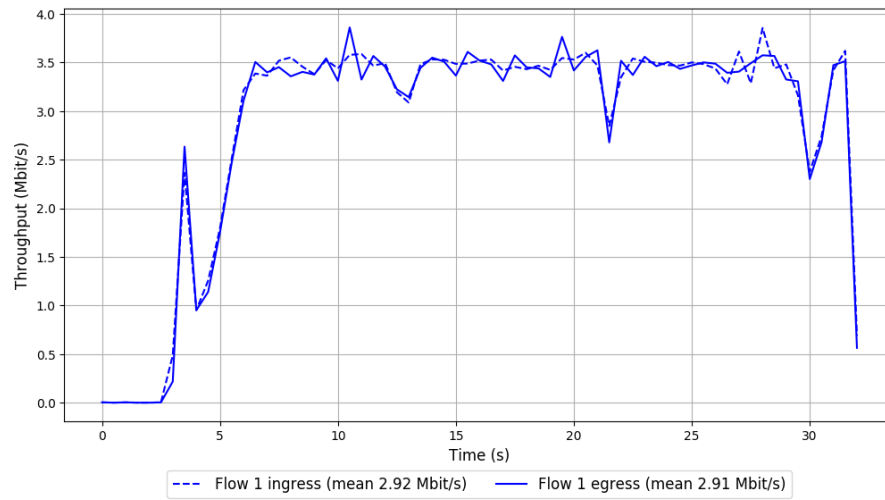


Run 1: Statistics of WebRTC media

Start at: 2017-11-15 20:27:34
End at: 2017-11-15 20:28:04
Local clock offset: -3.934 ms
Remote clock offset: -0.899 ms

Below is generated by plot.py at 2017-11-16 02:59:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.91 Mbit/s
95th percentile per-packet one-way delay: 29.414 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 2.91 Mbit/s
95th percentile per-packet one-way delay: 29.414 ms
Loss rate: 0.45%

Run 1: Report of WebRTC media — Data Link

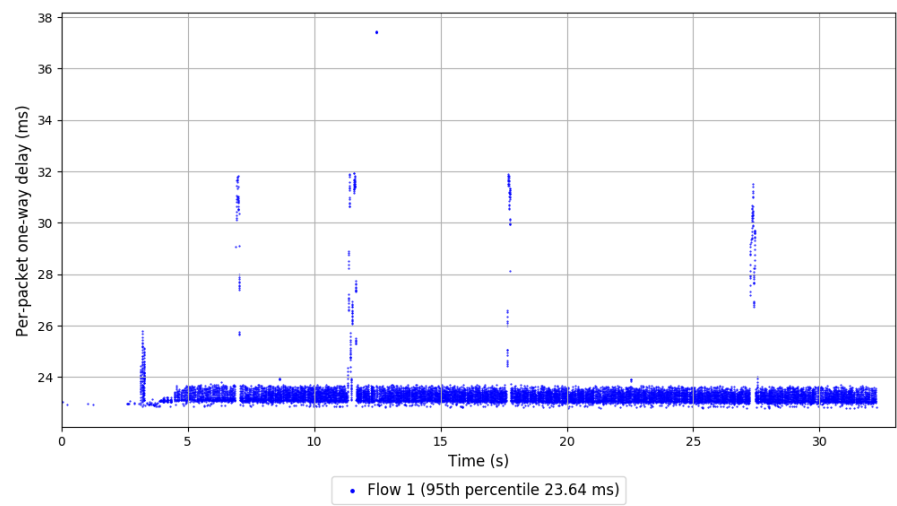
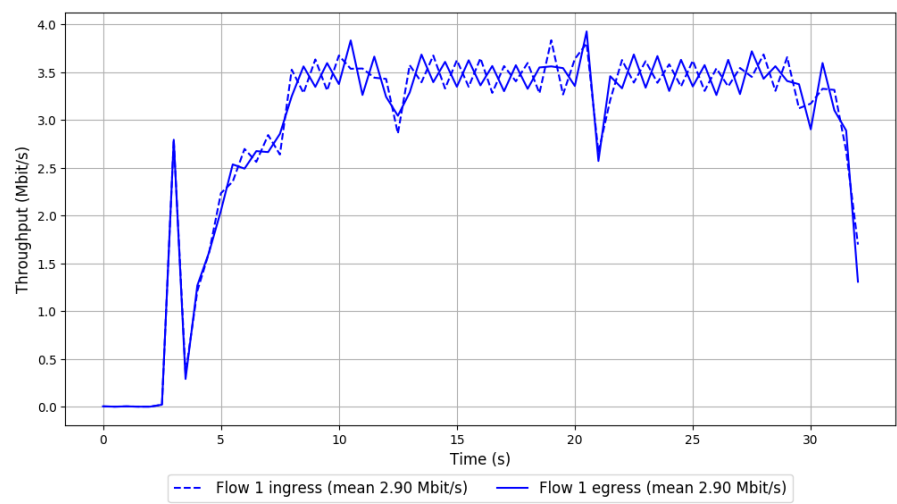


Run 2: Statistics of WebRTC media

Start at: 2017-11-15 20:46:23
End at: 2017-11-15 20:46:54
Local clock offset: -0.961 ms
Remote clock offset: -0.231 ms

Below is generated by plot.py at 2017-11-16 02:59:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.90 Mbit/s
95th percentile per-packet one-way delay: 23.637 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 2.90 Mbit/s
95th percentile per-packet one-way delay: 23.637 ms
Loss rate: 0.32%

Run 2: Report of WebRTC media — Data Link

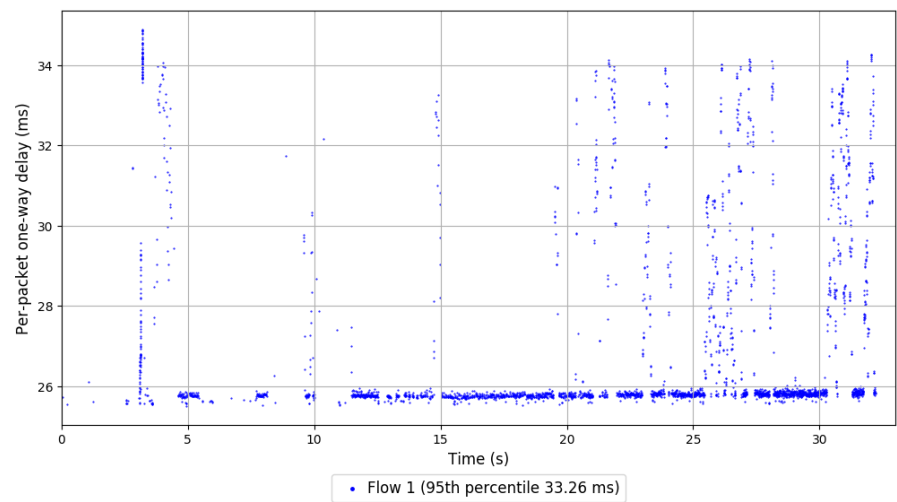
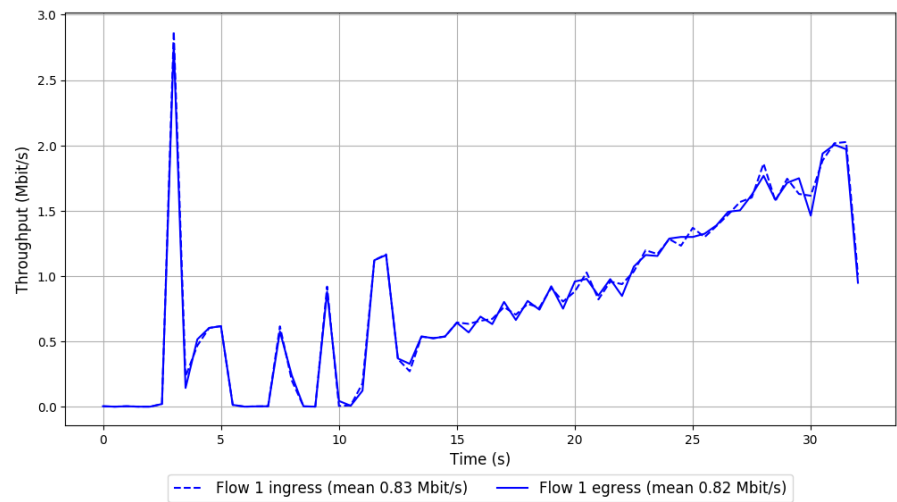


Run 3: Statistics of WebRTC media

Start at: 2017-11-15 21:05:12
End at: 2017-11-15 21:05:42
Local clock offset: -1.654 ms
Remote clock offset: -1.959 ms

Below is generated by plot.py at 2017-11-16 02:59:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 33.263 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 0.82 Mbit/s
95th percentile per-packet one-way delay: 33.263 ms
Loss rate: 0.91%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2017-11-15 21:24:19

End at: 2017-11-15 21:24:49

Local clock offset: -1.984 ms

Remote clock offset: 0.81 ms

Below is generated by plot.py at 2017-11-16 02:59:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 24.323 ms

Loss rate: 0.17%

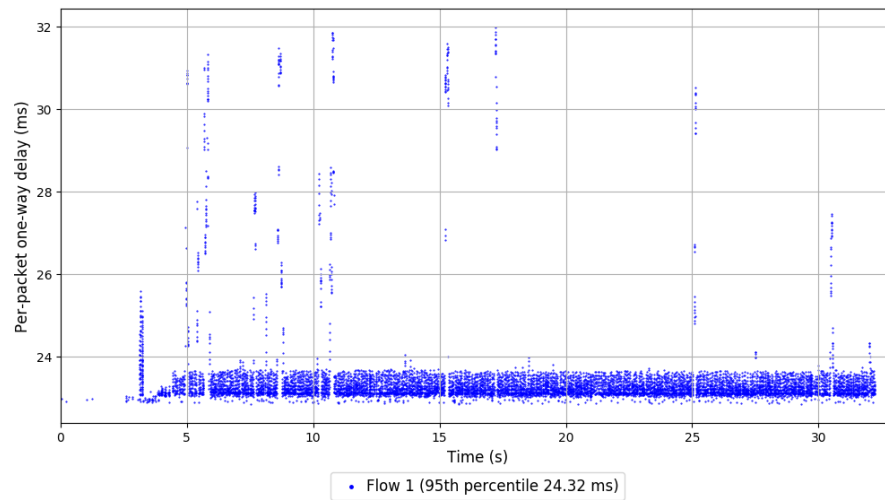
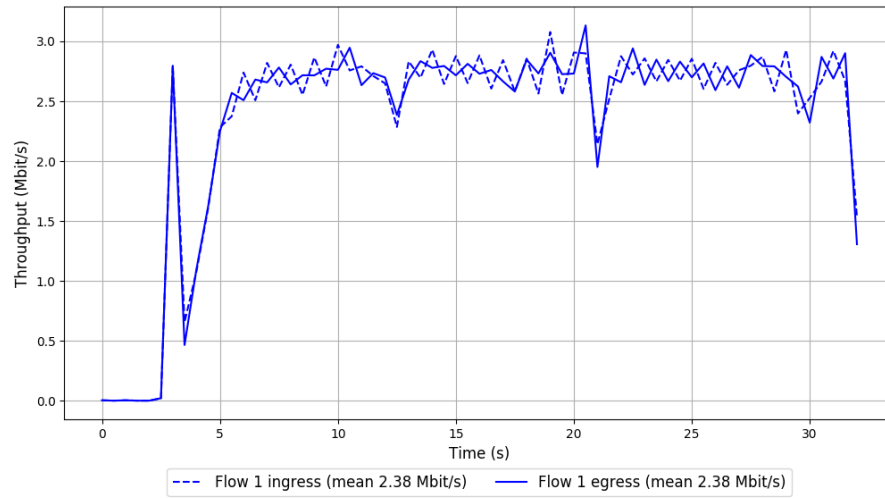
-- Flow 1:

Average throughput: 2.38 Mbit/s

95th percentile per-packet one-way delay: 24.323 ms

Loss rate: 0.17%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2017-11-15 21:43:26

End at: 2017-11-15 21:43:56

Local clock offset: -2.209 ms

Remote clock offset: 0.161 ms

Below is generated by plot.py at 2017-11-16 02:59:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.97 Mbit/s

95th percentile per-packet one-way delay: 30.274 ms

Loss rate: 0.62%

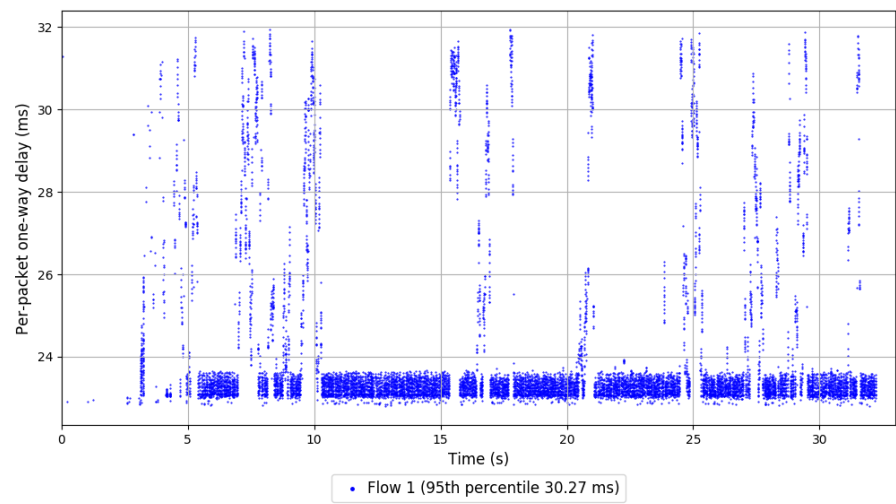
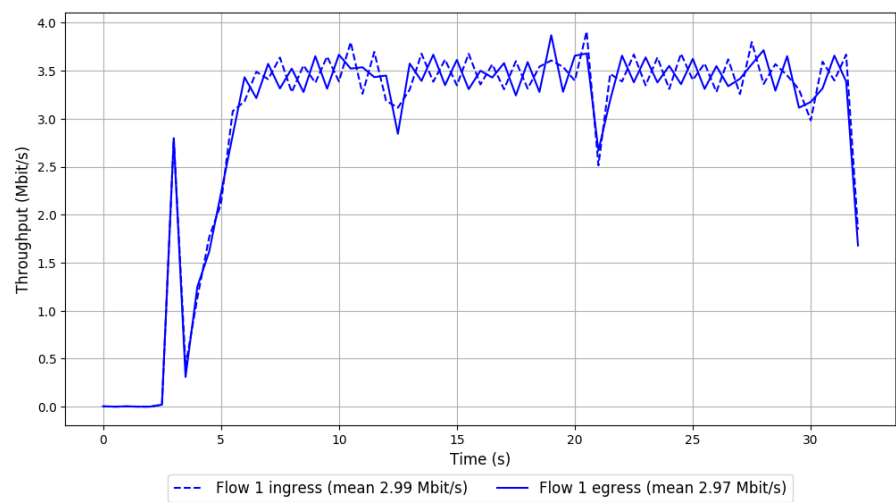
-- Flow 1:

Average throughput: 2.97 Mbit/s

95th percentile per-packet one-way delay: 30.274 ms

Loss rate: 0.62%

Run 5: Report of WebRTC media — Data Link

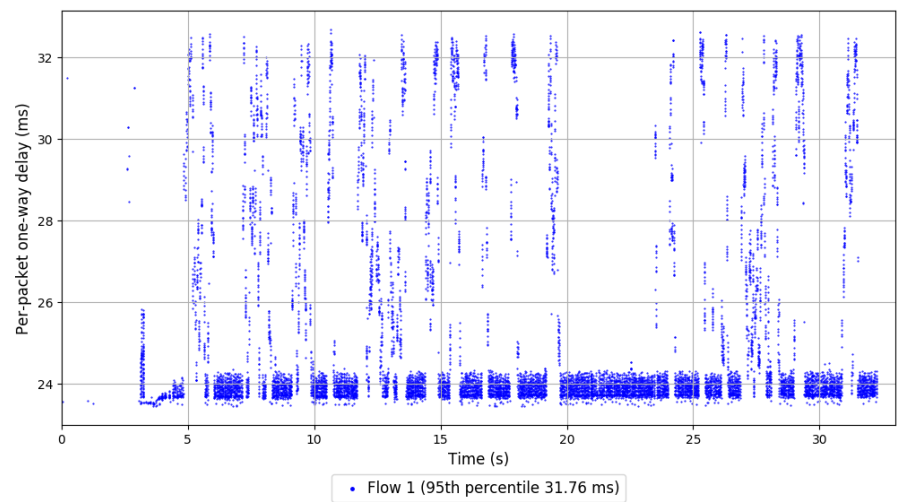
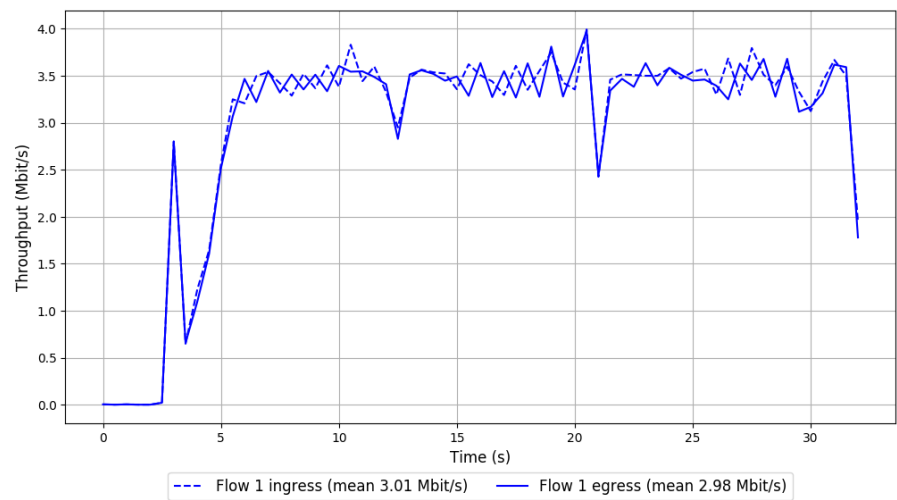


Run 6: Statistics of WebRTC media

Start at: 2017-11-15 22:02:38
End at: 2017-11-15 22:03:08
Local clock offset: -3.53 ms
Remote clock offset: -0.682 ms

Below is generated by plot.py at 2017-11-16 02:59:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.98 Mbit/s
95th percentile per-packet one-way delay: 31.763 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 2.98 Mbit/s
95th percentile per-packet one-way delay: 31.763 ms
Loss rate: 0.99%

Run 6: Report of WebRTC media — Data Link

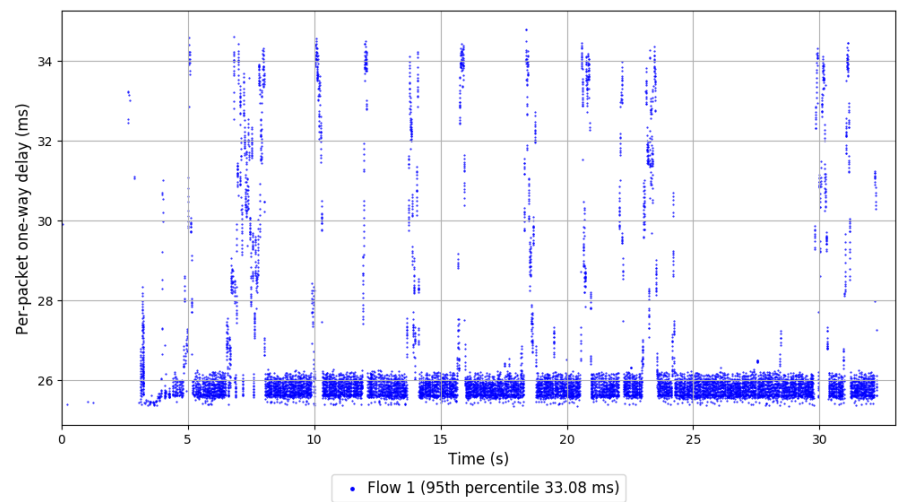
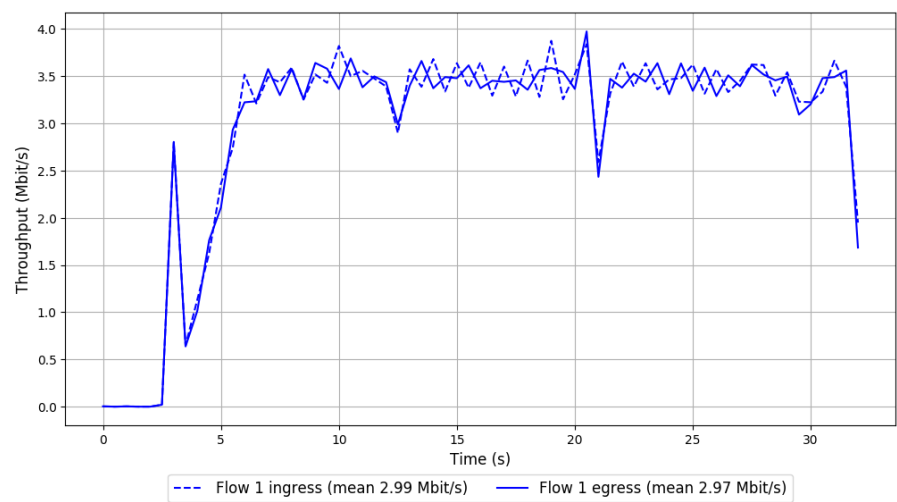


Run 7: Statistics of WebRTC media

Start at: 2017-11-15 22:22:31
End at: 2017-11-15 22:23:01
Local clock offset: -5.472 ms
Remote clock offset: -2.308 ms

Below is generated by plot.py at 2017-11-16 02:59:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.97 Mbit/s
95th percentile per-packet one-way delay: 33.077 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 2.97 Mbit/s
95th percentile per-packet one-way delay: 33.077 ms
Loss rate: 0.53%

Run 7: Report of WebRTC media — Data Link

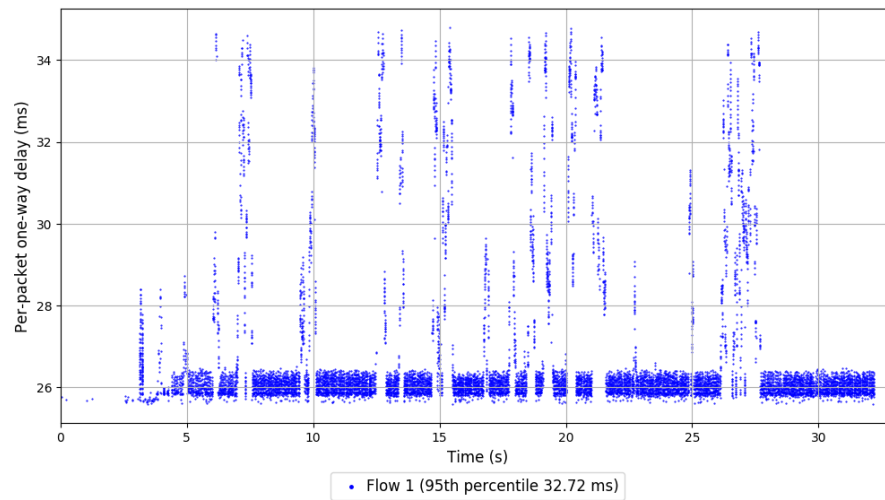
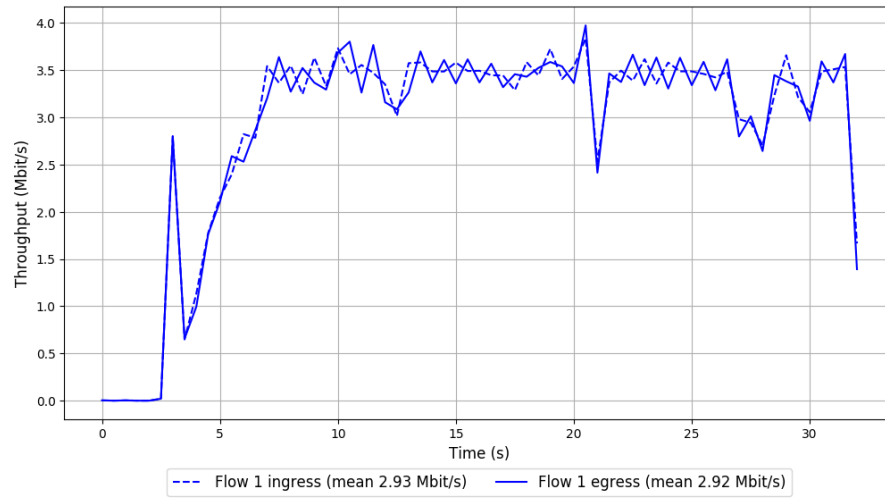


Run 8: Statistics of WebRTC media

Start at: 2017-11-15 22:41:49
End at: 2017-11-15 22:42:19
Local clock offset: -4.414 ms
Remote clock offset: -2.565 ms

Below is generated by plot.py at 2017-11-16 02:59:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.92 Mbit/s
95th percentile per-packet one-way delay: 32.718 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 2.92 Mbit/s
95th percentile per-packet one-way delay: 32.718 ms
Loss rate: 0.61%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2017-11-15 23:01:32

End at: 2017-11-15 23:02:02

Local clock offset: -2.478 ms

Remote clock offset: 0.003 ms

Below is generated by plot.py at 2017-11-16 02:59:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.97 Mbit/s

95th percentile per-packet one-way delay: 29.138 ms

Loss rate: 0.54%

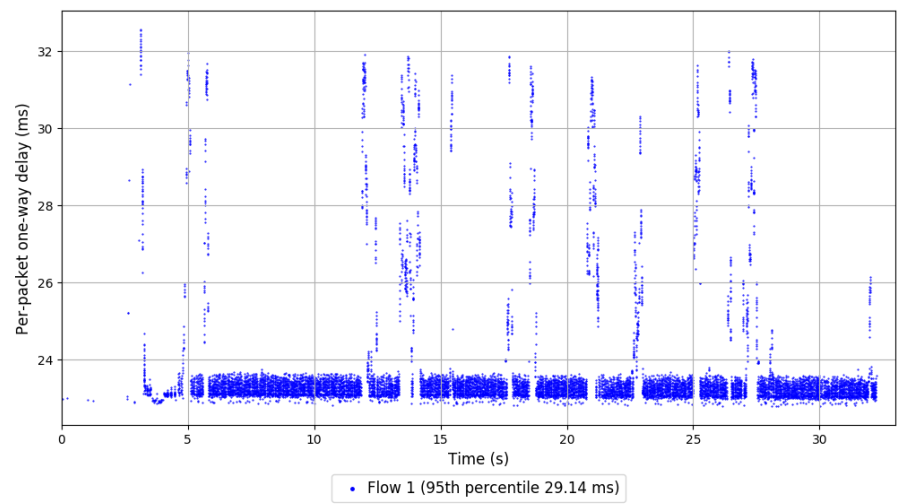
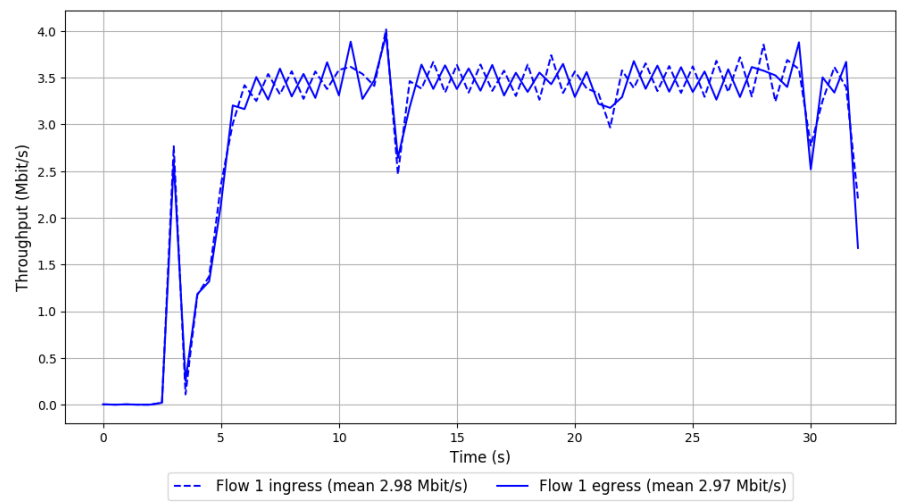
-- Flow 1:

Average throughput: 2.97 Mbit/s

95th percentile per-packet one-way delay: 29.138 ms

Loss rate: 0.54%

Run 9: Report of WebRTC media — Data Link

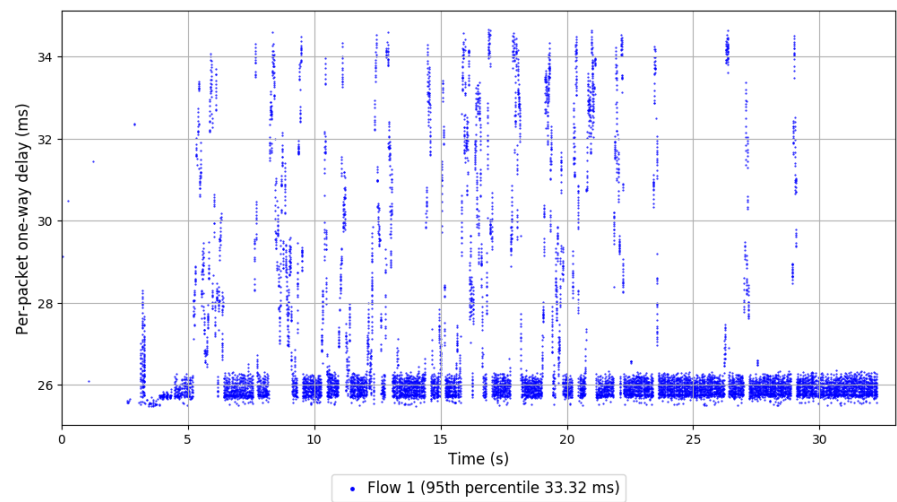
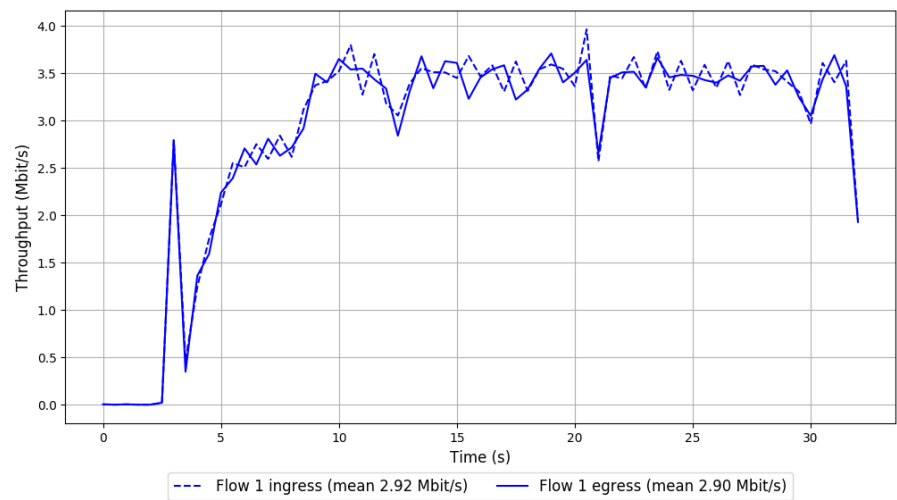


Run 10: Statistics of WebRTC media

Start at: 2017-11-15 23:20:31
End at: 2017-11-15 23:21:01
Local clock offset: -0.782 ms
Remote clock offset: -2.098 ms

Below is generated by plot.py at 2017-11-16 02:59:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.90 Mbit/s
95th percentile per-packet one-way delay: 33.317 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 2.90 Mbit/s
95th percentile per-packet one-way delay: 33.317 ms
Loss rate: 0.67%

Run 10: Report of WebRTC media — Data Link

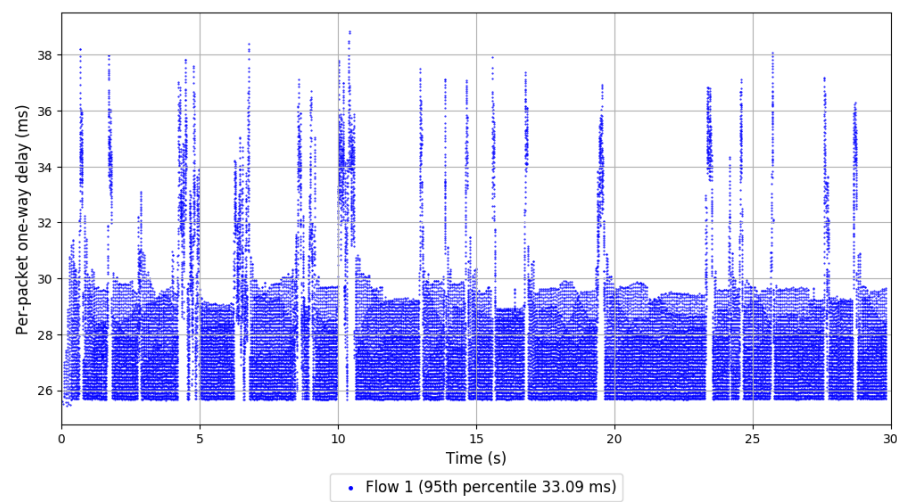
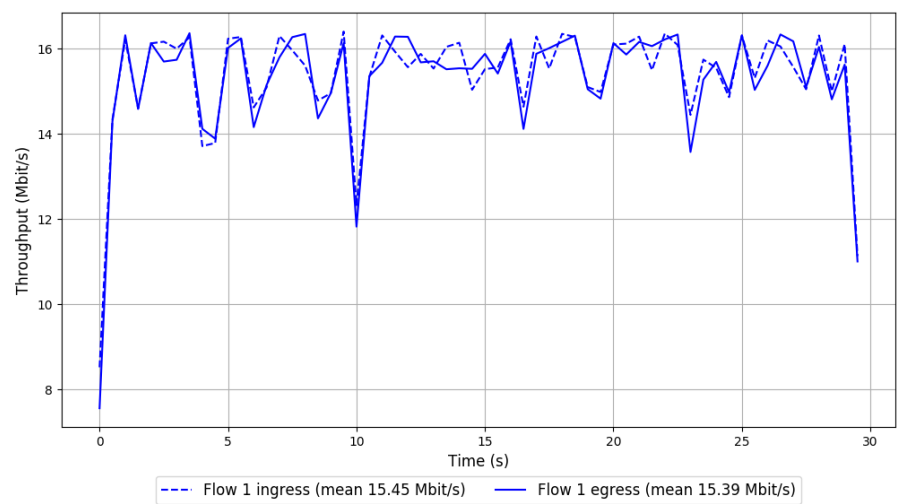


Run 1: Statistics of Sprout

Start at: 2017-11-15 20:15:38
End at: 2017-11-15 20:16:08
Local clock offset: -4.119 ms
Remote clock offset: -3.025 ms

Below is generated by plot.py at 2017-11-16 02:59:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.39 Mbit/s
95th percentile per-packet one-way delay: 33.085 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 15.39 Mbit/s
95th percentile per-packet one-way delay: 33.085 ms
Loss rate: 0.54%

Run 1: Report of Sprout — Data Link

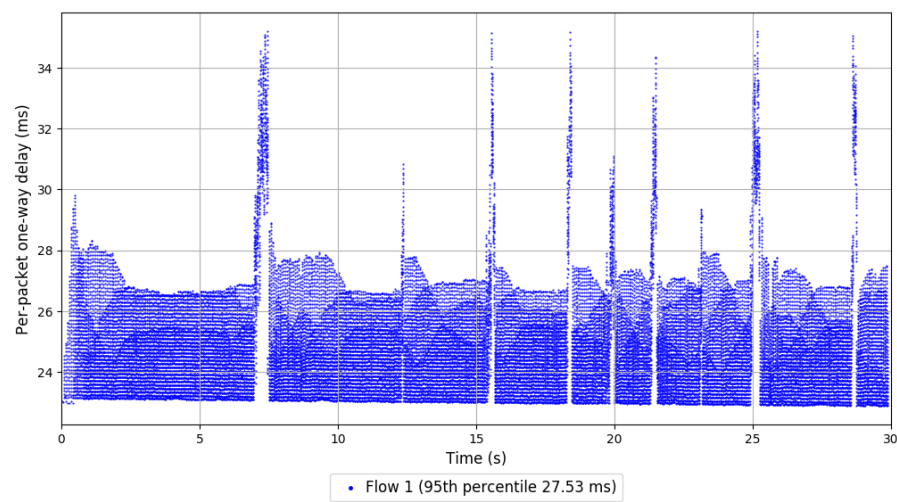
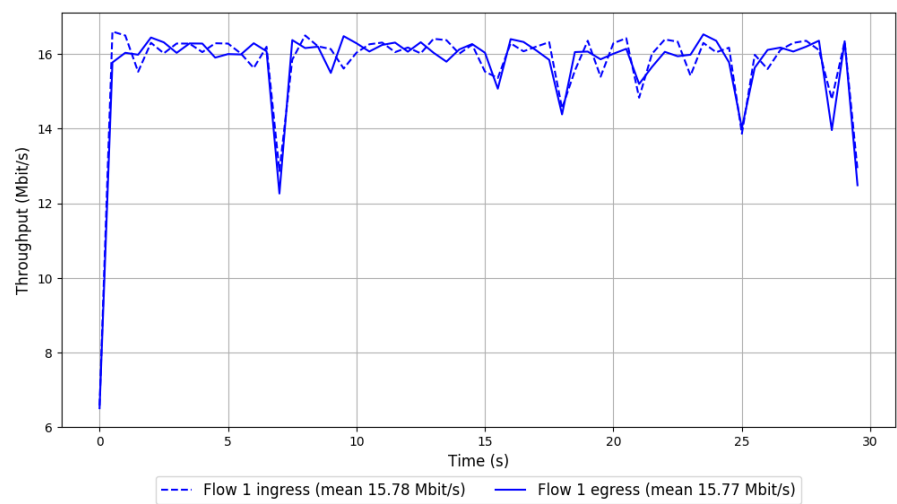


Run 2: Statistics of Sprout

Start at: 2017-11-15 20:34:20
End at: 2017-11-15 20:34:50
Local clock offset: -4.14 ms
Remote clock offset: -0.406 ms

Below is generated by plot.py at 2017-11-16 02:59:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.77 Mbit/s
95th percentile per-packet one-way delay: 27.533 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 15.77 Mbit/s
95th percentile per-packet one-way delay: 27.533 ms
Loss rate: 0.24%

Run 2: Report of Sprout — Data Link

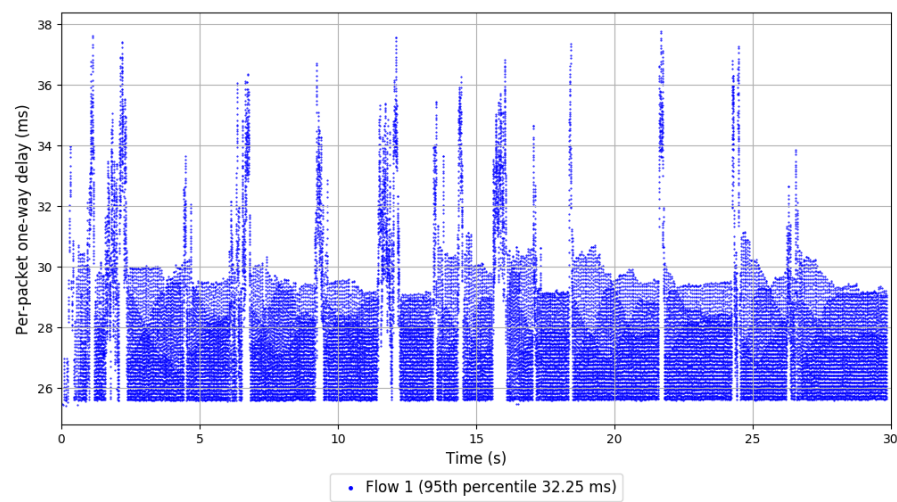
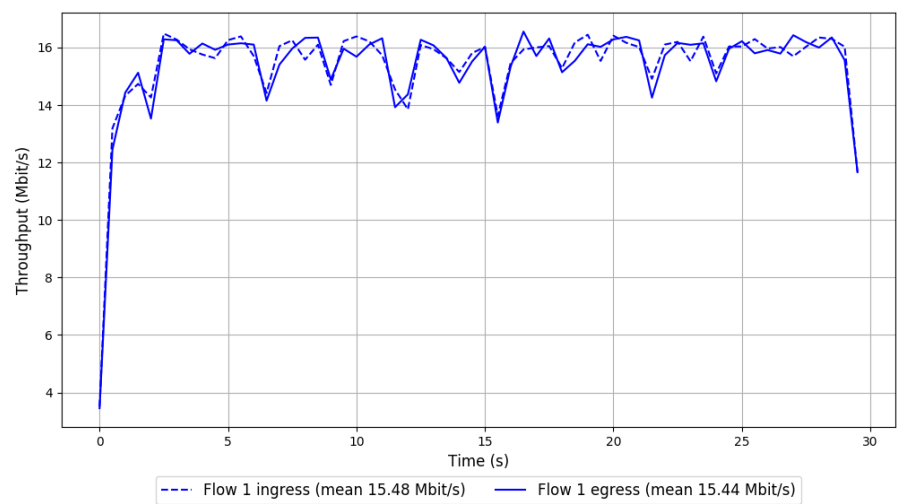


Run 3: Statistics of Sprout

Start at: 2017-11-15 20:53:14
End at: 2017-11-15 20:53:44
Local clock offset: -0.783 ms
Remote clock offset: -2.437 ms

Below is generated by plot.py at 2017-11-16 02:59:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.44 Mbit/s
95th percentile per-packet one-way delay: 32.251 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 15.44 Mbit/s
95th percentile per-packet one-way delay: 32.251 ms
Loss rate: 0.35%

Run 3: Report of Sprout — Data Link

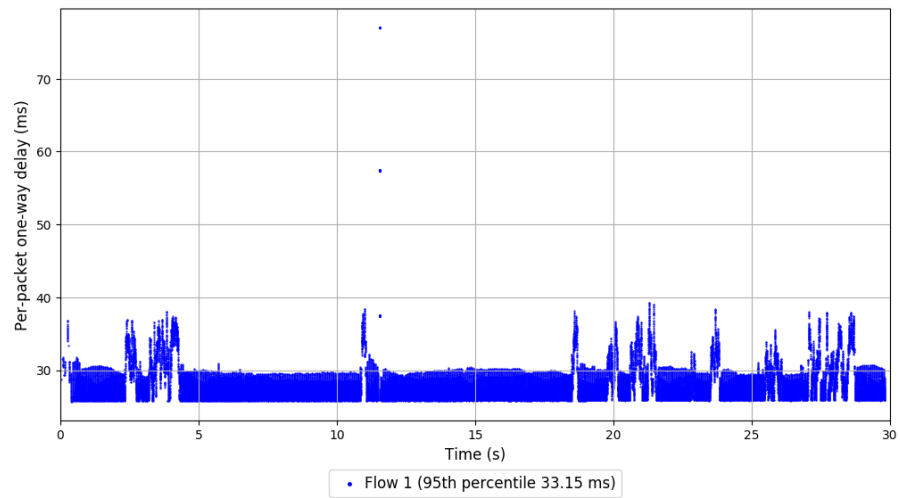
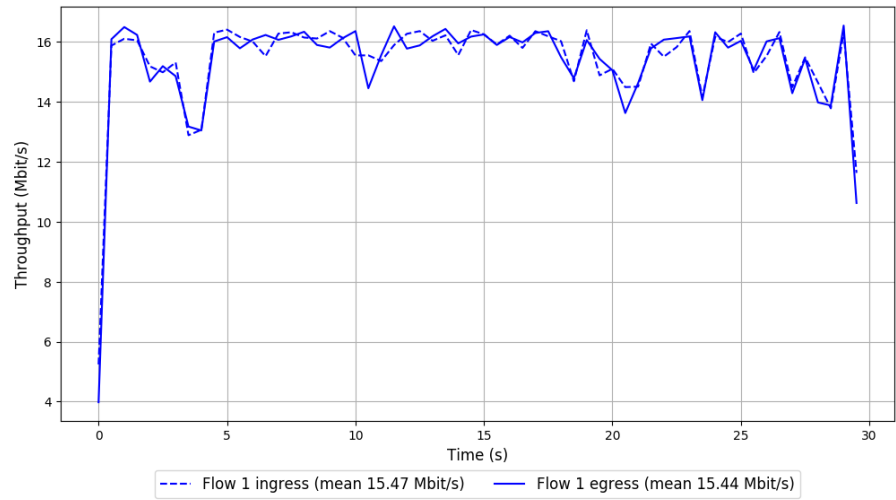


Run 4: Statistics of Sprout

Start at: 2017-11-15 21:12:15
End at: 2017-11-15 21:12:45
Local clock offset: -1.867 ms
Remote clock offset: -1.648 ms

Below is generated by plot.py at 2017-11-16 02:59:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.44 Mbit/s
95th percentile per-packet one-way delay: 33.146 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 15.44 Mbit/s
95th percentile per-packet one-way delay: 33.146 ms
Loss rate: 0.41%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2017-11-15 21:31:10

End at: 2017-11-15 21:31:40

Local clock offset: -2.144 ms

Remote clock offset: 0.023 ms

Below is generated by plot.py at 2017-11-16 02:59:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 15.51 Mbit/s

95th percentile per-packet one-way delay: 30.132 ms

Loss rate: 0.43%

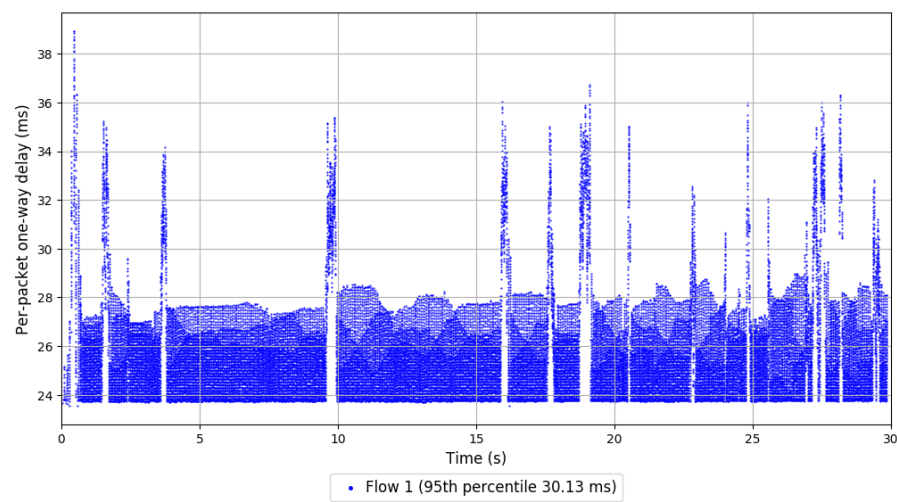
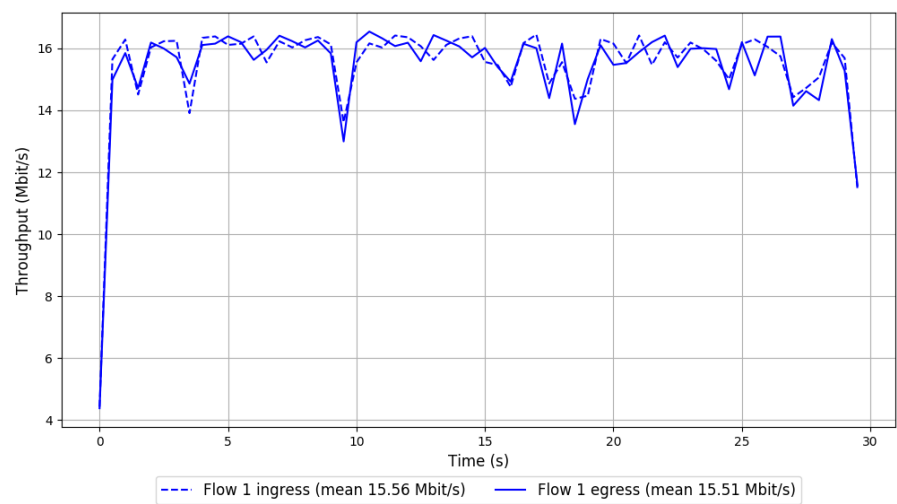
-- Flow 1:

Average throughput: 15.51 Mbit/s

95th percentile per-packet one-way delay: 30.132 ms

Loss rate: 0.43%

Run 5: Report of Sprout — Data Link

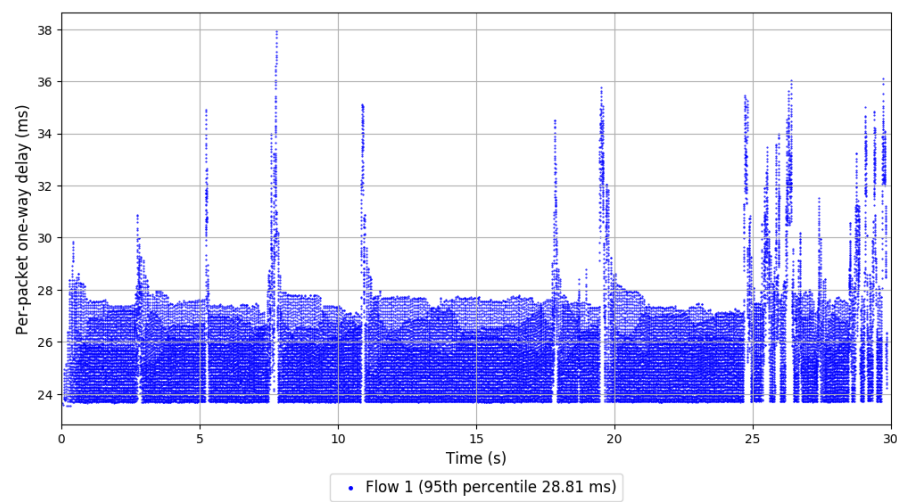
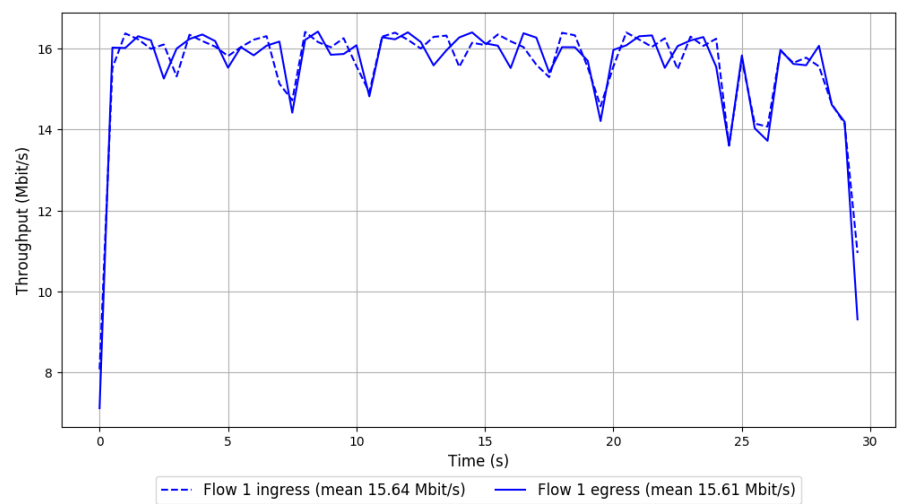


Run 6: Statistics of Sprout

Start at: 2017-11-15 21:50:17
End at: 2017-11-15 21:50:47
Local clock offset: -2.339 ms
Remote clock offset: -0.536 ms

Below is generated by plot.py at 2017-11-16 02:59:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.61 Mbit/s
95th percentile per-packet one-way delay: 28.808 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 15.61 Mbit/s
95th percentile per-packet one-way delay: 28.808 ms
Loss rate: 0.35%

Run 6: Report of Sprout — Data Link

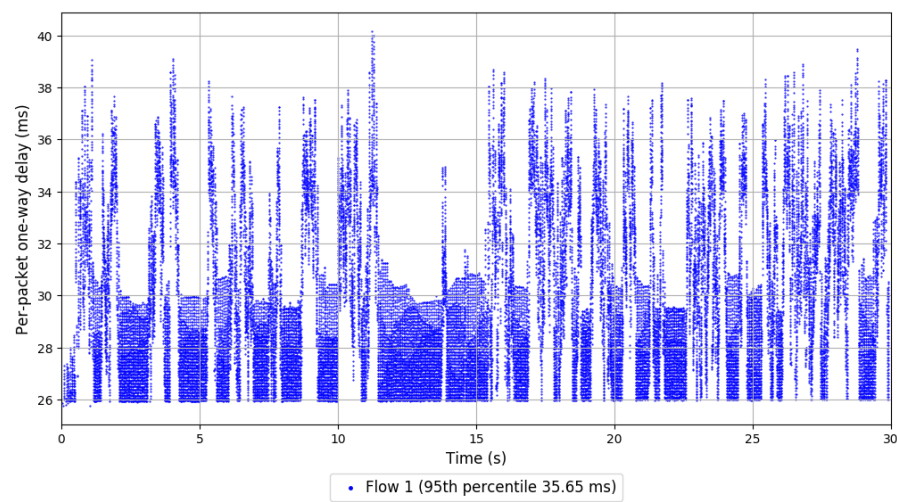
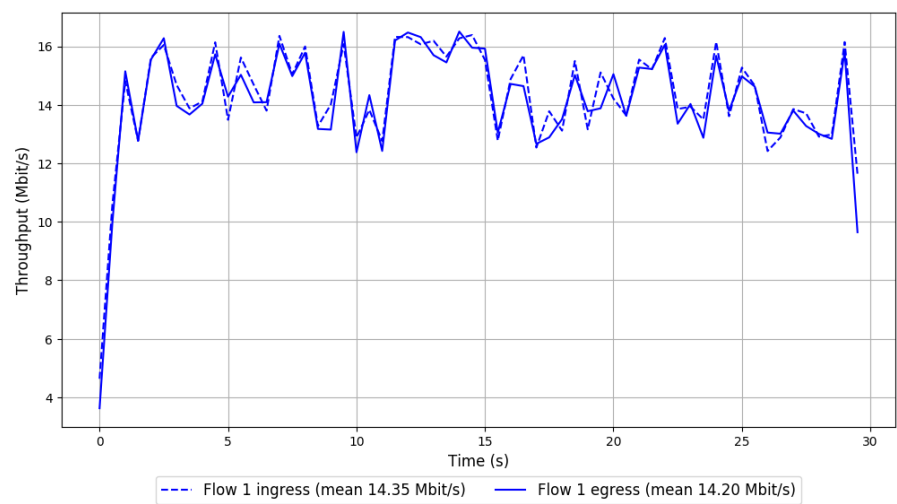


Run 7: Statistics of Sprout

Start at: 2017-11-15 22:09:47
End at: 2017-11-15 22:10:17
Local clock offset: -4.366 ms
Remote clock offset: -2.695 ms

Below is generated by plot.py at 2017-11-16 02:59:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.20 Mbit/s
95th percentile per-packet one-way delay: 35.651 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 14.20 Mbit/s
95th percentile per-packet one-way delay: 35.651 ms
Loss rate: 1.18%

Run 7: Report of Sprout — Data Link

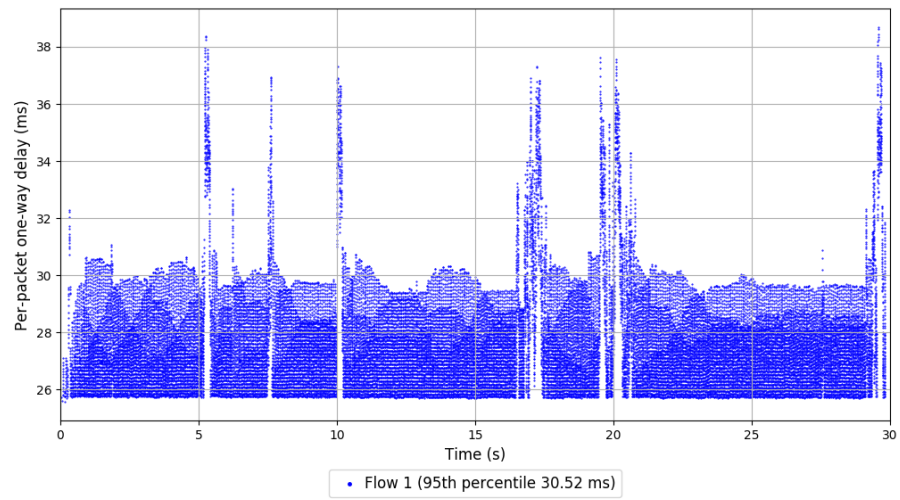
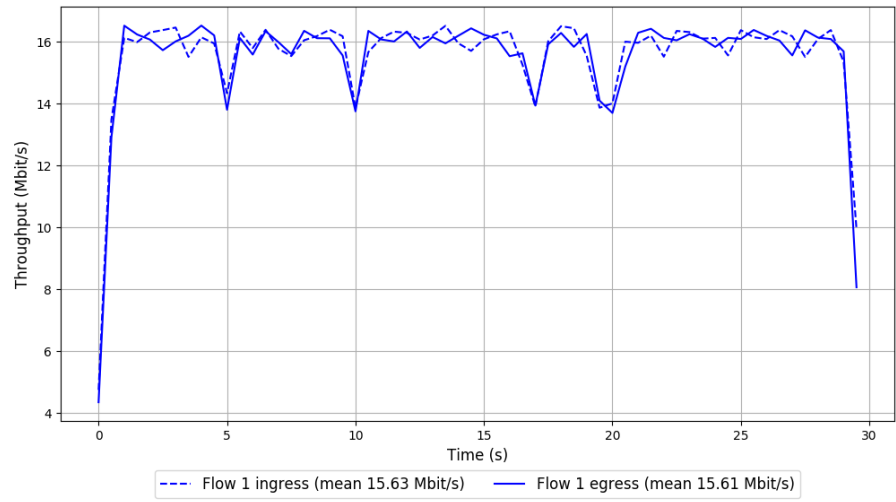


Run 8: Statistics of Sprout

Start at: 2017-11-15 22:29:45
End at: 2017-11-15 22:30:15
Local clock offset: -4.751 ms
Remote clock offset: -2.447 ms

Below is generated by plot.py at 2017-11-16 03:00:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.61 Mbit/s
95th percentile per-packet one-way delay: 30.523 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 15.61 Mbit/s
95th percentile per-packet one-way delay: 30.523 ms
Loss rate: 0.39%

Run 8: Report of Sprout — Data Link

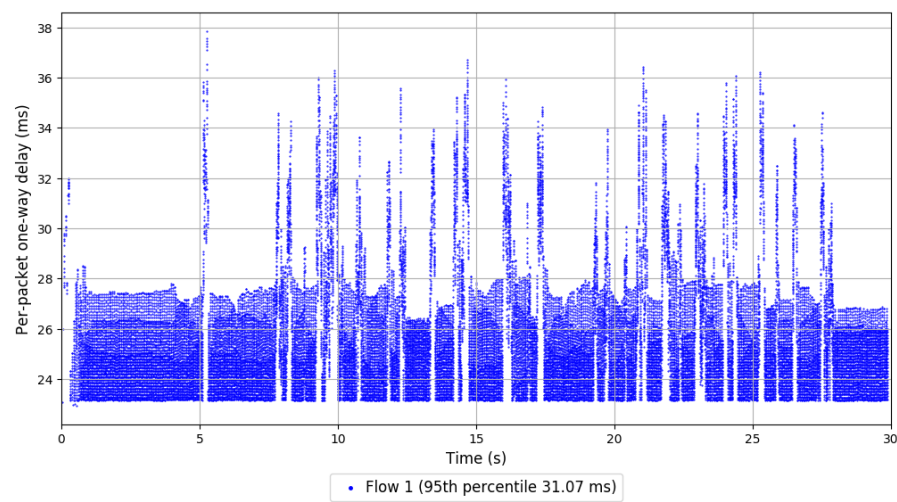
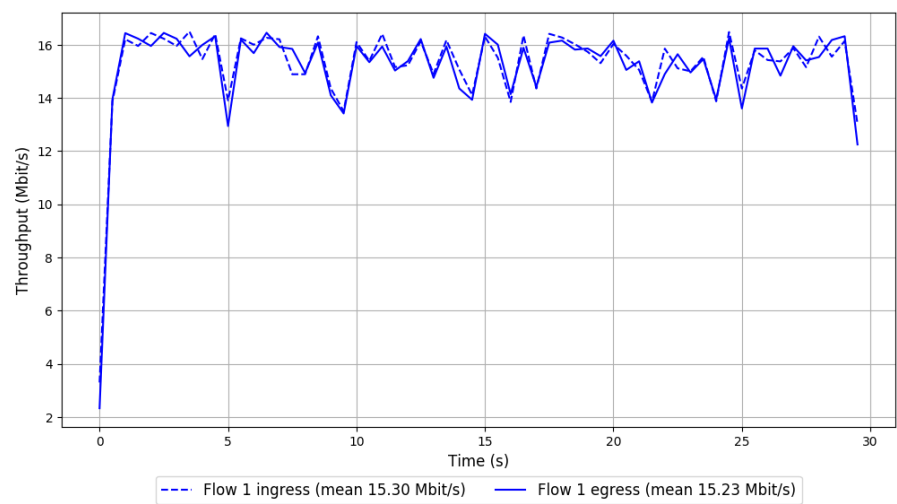


Run 9: Statistics of Sprout

Start at: 2017-11-15 22:48:41
End at: 2017-11-15 22:49:11
Local clock offset: -4.552 ms
Remote clock offset: -0.062 ms

Below is generated by plot.py at 2017-11-16 03:00:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.23 Mbit/s
95th percentile per-packet one-way delay: 31.067 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 15.23 Mbit/s
95th percentile per-packet one-way delay: 31.067 ms
Loss rate: 0.60%

Run 9: Report of Sprout — Data Link

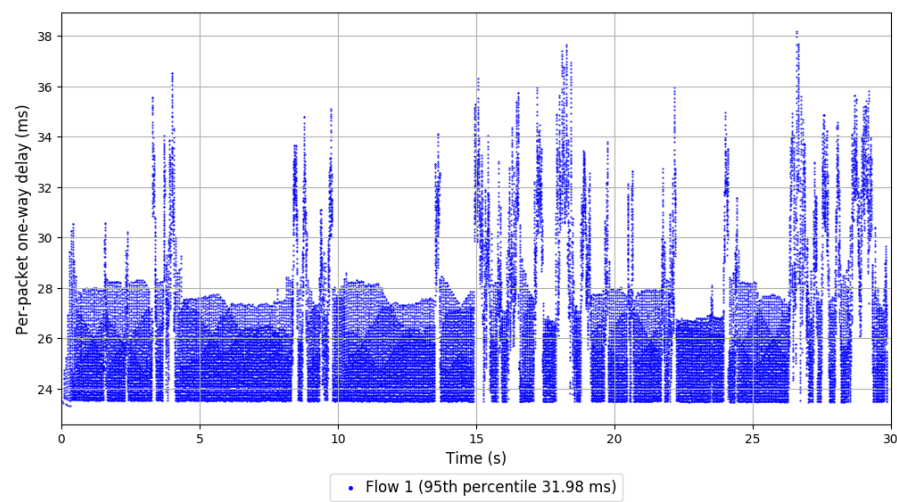
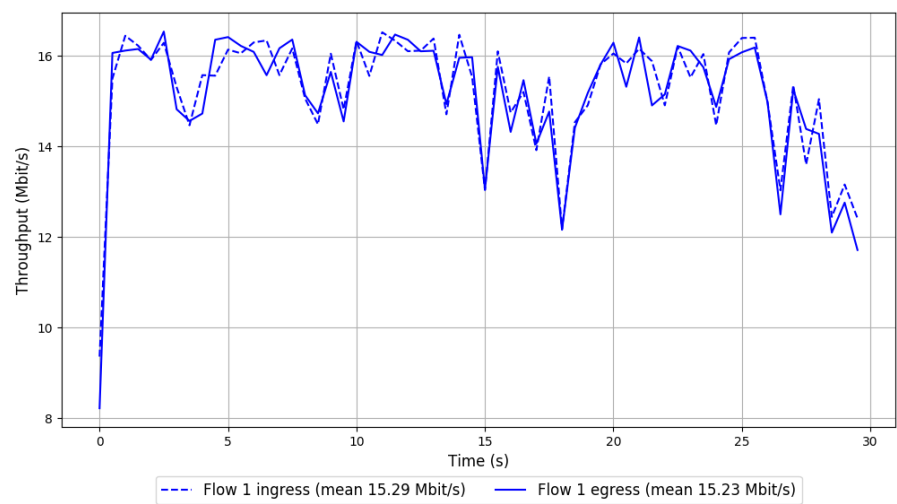


Run 10: Statistics of Sprout

Start at: 2017-11-15 23:08:29
End at: 2017-11-15 23:08:59
Local clock offset: -1.382 ms
Remote clock offset: -0.389 ms

Below is generated by plot.py at 2017-11-16 03:00:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.23 Mbit/s
95th percentile per-packet one-way delay: 31.977 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 15.23 Mbit/s
95th percentile per-packet one-way delay: 31.977 ms
Loss rate: 0.52%

Run 10: Report of Sprout — Data Link

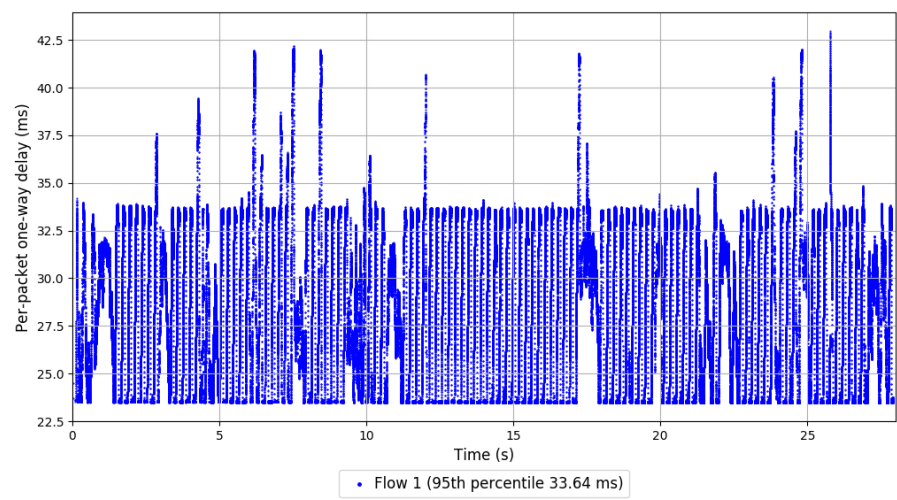
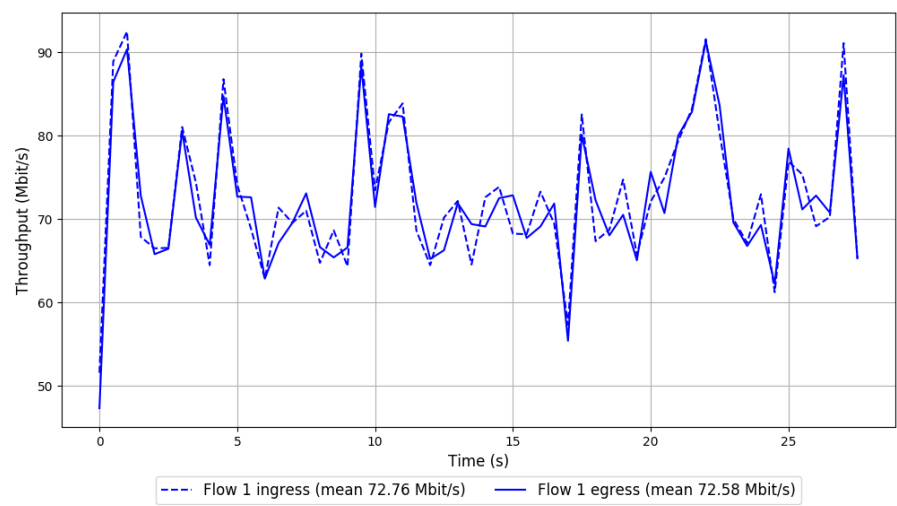


Run 1: Statistics of TaoVA-100x

Start at: 2017-11-15 20:28:50
End at: 2017-11-15 20:29:20
Local clock offset: -3.558 ms
Remote clock offset: -0.738 ms

Below is generated by plot.py at 2017-11-16 03:01:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.58 Mbit/s
95th percentile per-packet one-way delay: 33.642 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 72.58 Mbit/s
95th percentile per-packet one-way delay: 33.642 ms
Loss rate: 0.44%

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

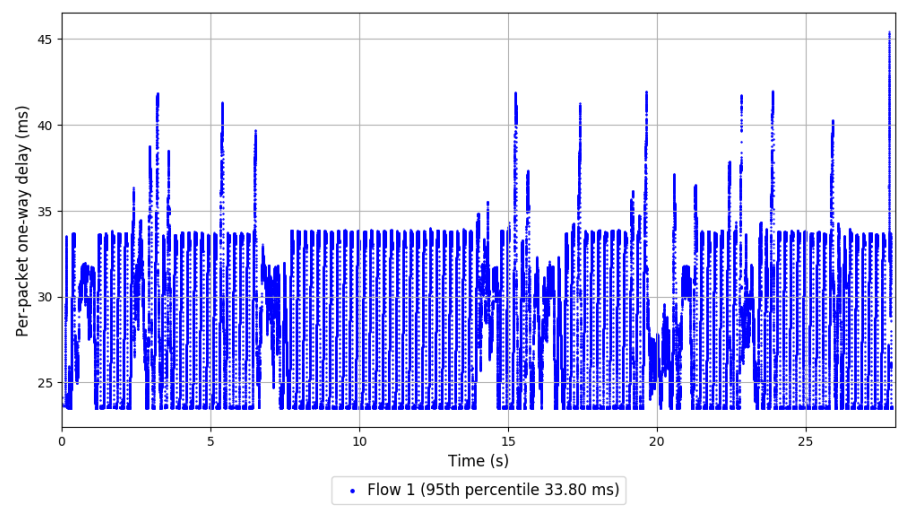
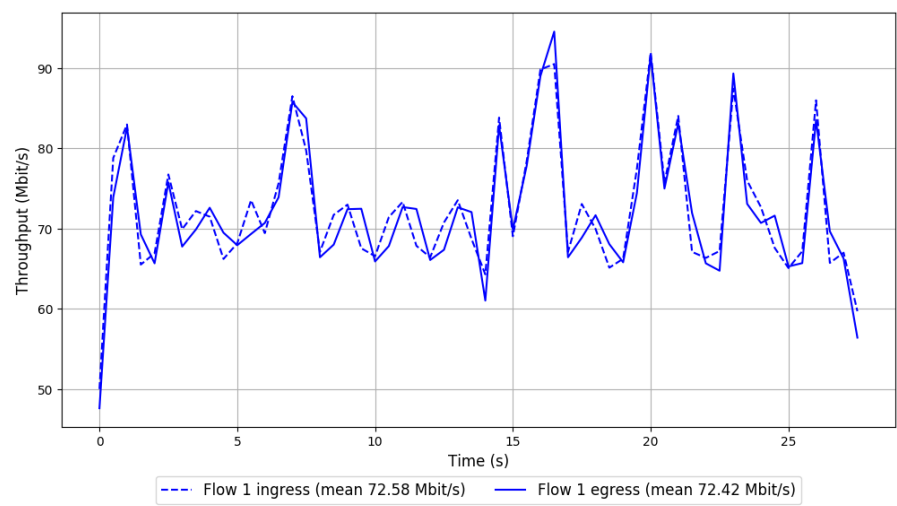


Run 2: Statistics of TaoVA-100x

Start at: 2017-11-15 20:47:39
End at: 2017-11-15 20:48:09
Local clock offset: -0.749 ms
Remote clock offset: -0.624 ms

Below is generated by plot.py at 2017-11-16 03:01:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.42 Mbit/s
95th percentile per-packet one-way delay: 33.799 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 72.42 Mbit/s
95th percentile per-packet one-way delay: 33.799 ms
Loss rate: 0.42%

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-11-15 21:06:28

End at: 2017-11-15 21:06:58

Local clock offset: -1.838 ms

Remote clock offset: 0.658 ms

Below is generated by plot.py at 2017-11-16 03:01:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.33 Mbit/s

95th percentile per-packet one-way delay: 33.492 ms

Loss rate: 0.81%

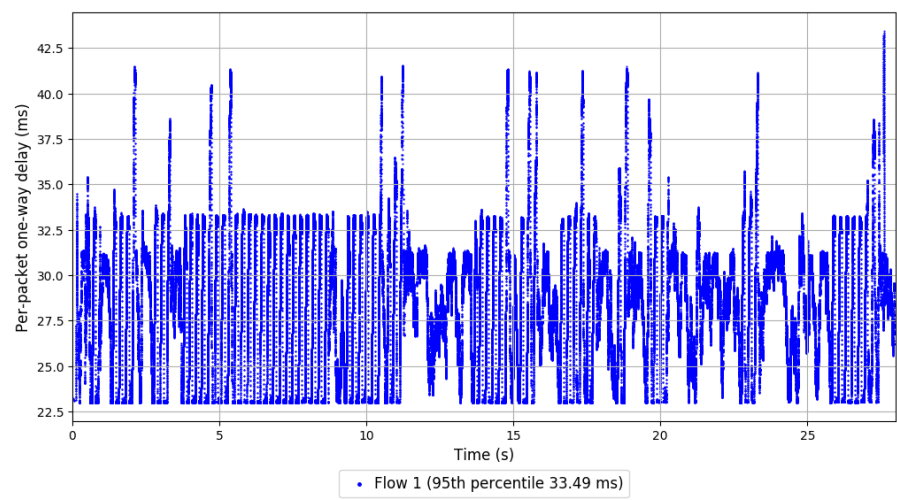
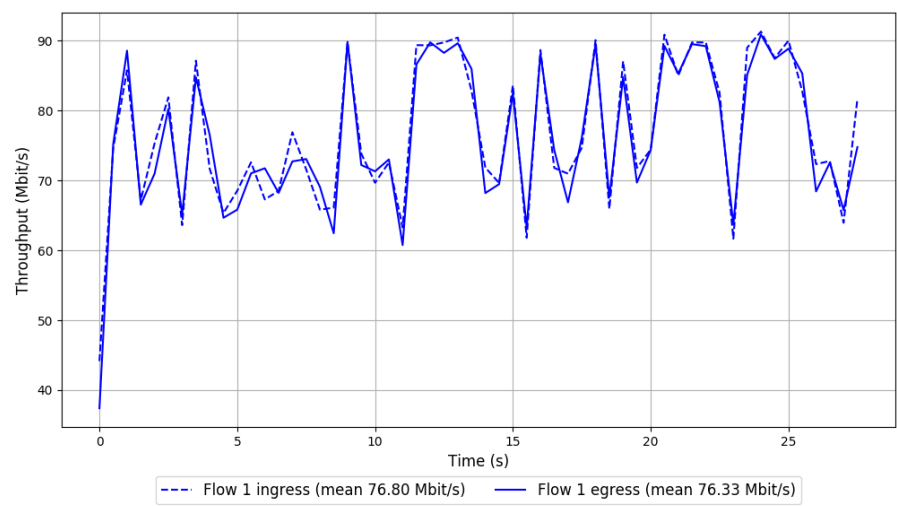
-- Flow 1:

Average throughput: 76.33 Mbit/s

95th percentile per-packet one-way delay: 33.492 ms

Loss rate: 0.81%

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

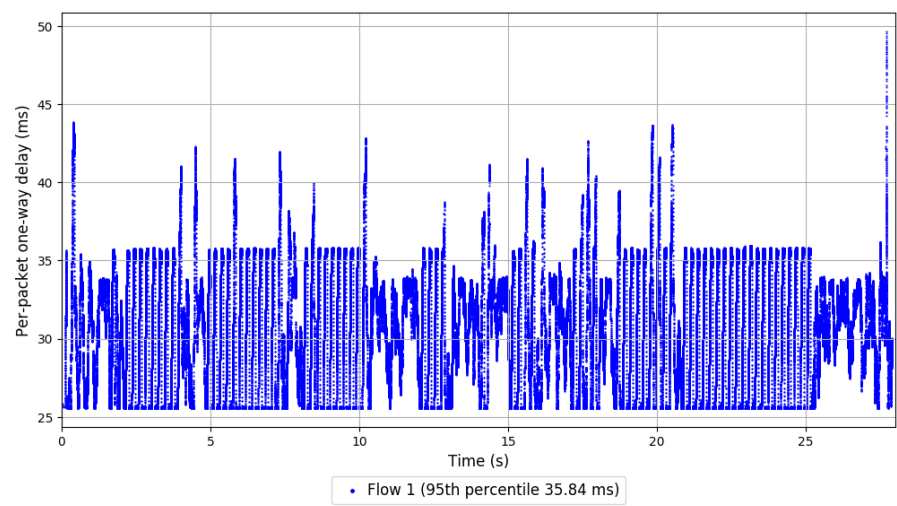
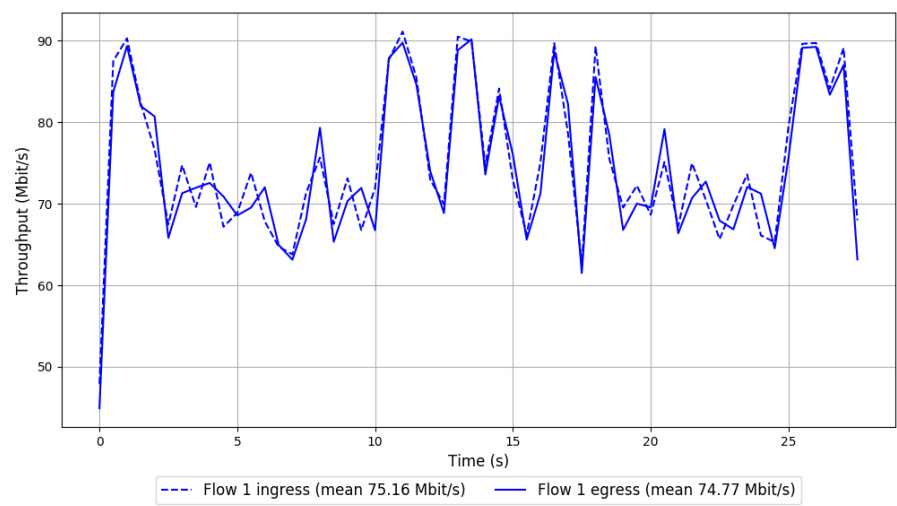


Run 4: Statistics of TaoVA-100x

Start at: 2017-11-15 21:25:35
End at: 2017-11-15 21:26:05
Local clock offset: -1.978 ms
Remote clock offset: -1.711 ms

Below is generated by plot.py at 2017-11-16 03:01:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.77 Mbit/s
95th percentile per-packet one-way delay: 35.837 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 74.77 Mbit/s
95th percentile per-packet one-way delay: 35.837 ms
Loss rate: 0.72%

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

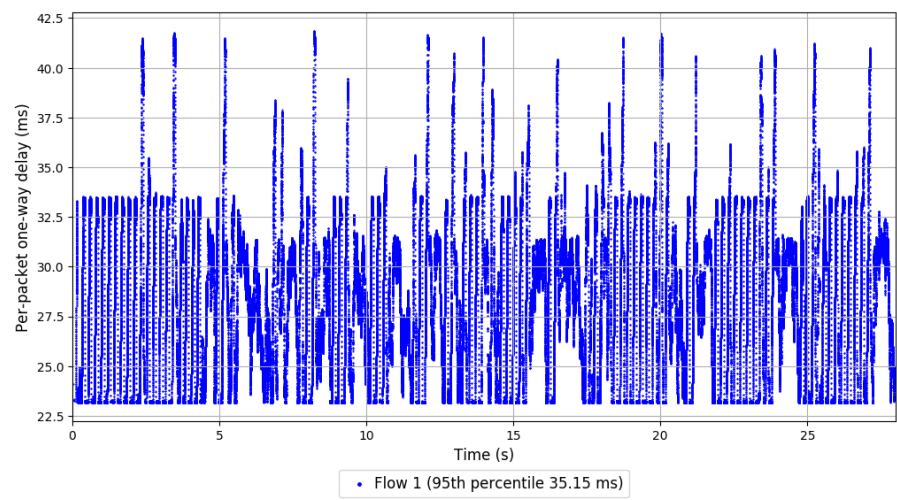
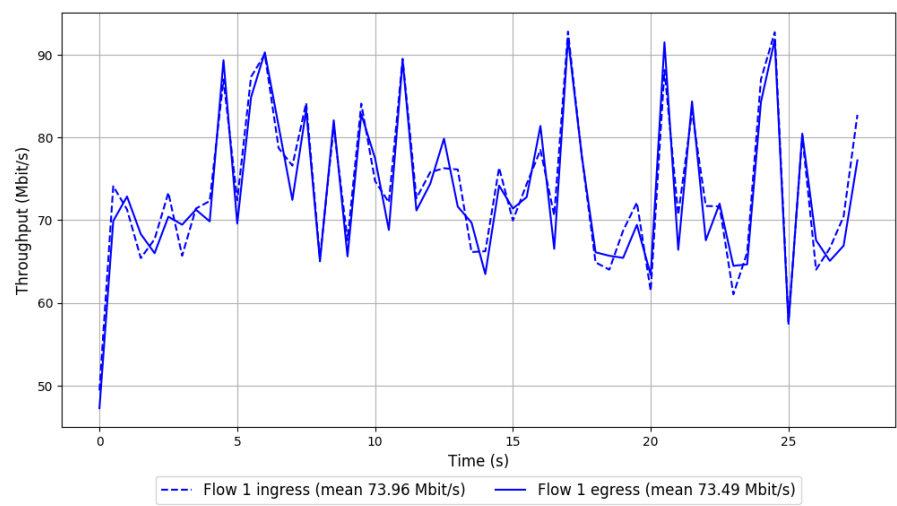


Run 5: Statistics of TaoVA-100x

Start at: 2017-11-15 21:44:42
End at: 2017-11-15 21:45:12
Local clock offset: -2.211 ms
Remote clock offset: -0.017 ms

Below is generated by plot.py at 2017-11-16 03:01:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.49 Mbit/s
95th percentile per-packet one-way delay: 35.153 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 73.49 Mbit/s
95th percentile per-packet one-way delay: 35.153 ms
Loss rate: 0.83%

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

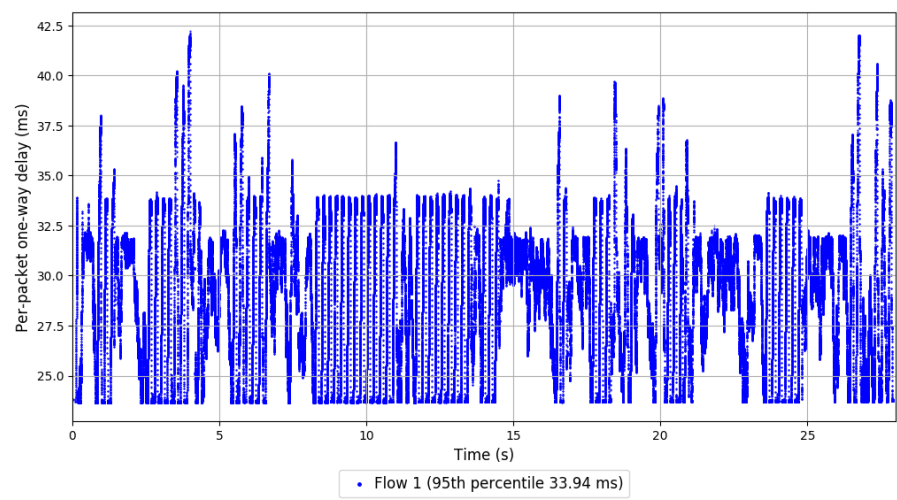
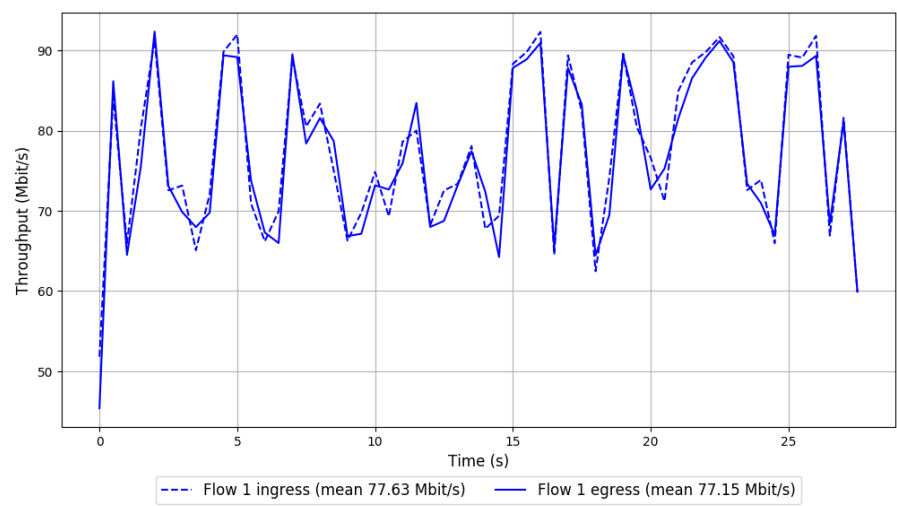


Run 6: Statistics of TaoVA-100x

Start at: 2017-11-15 22:03:55
End at: 2017-11-15 22:04:25
Local clock offset: -3.577 ms
Remote clock offset: -0.567 ms

Below is generated by plot.py at 2017-11-16 03:01:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.15 Mbit/s
95th percentile per-packet one-way delay: 33.944 ms
Loss rate: 0.81%
-- Flow 1:
Average throughput: 77.15 Mbit/s
95th percentile per-packet one-way delay: 33.944 ms
Loss rate: 0.81%

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

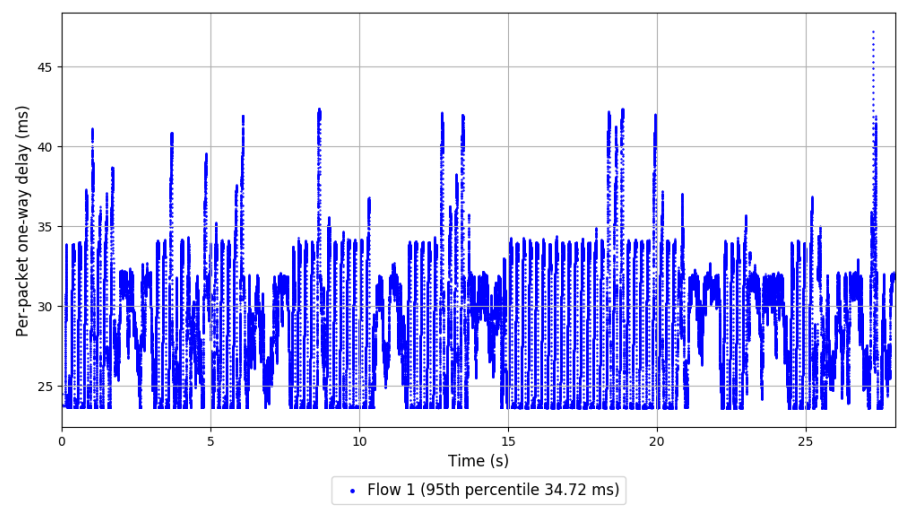
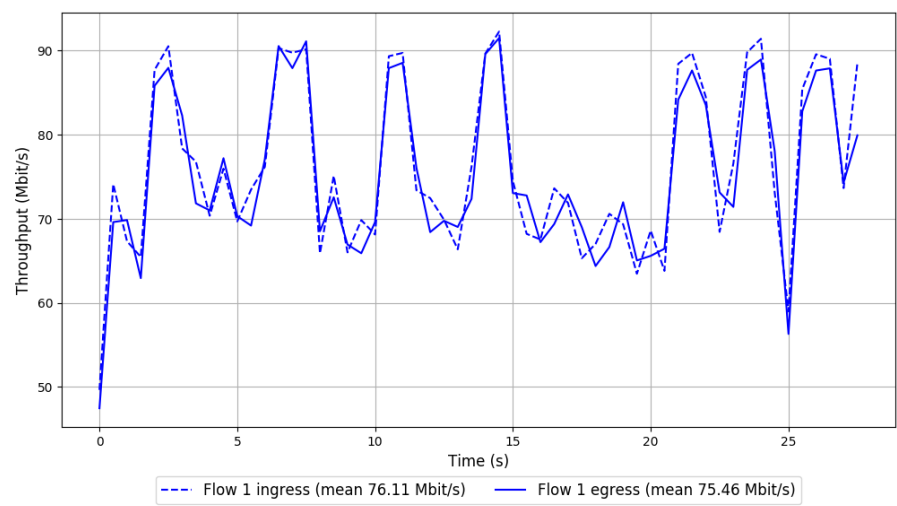


Run 7: Statistics of TaoVA-100x

Start at: 2017-11-15 22:23:47
End at: 2017-11-15 22:24:17
Local clock offset: -5.289 ms
Remote clock offset: -0.379 ms

Below is generated by plot.py at 2017-11-16 03:01:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.46 Mbit/s
95th percentile per-packet one-way delay: 34.722 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 75.46 Mbit/s
95th percentile per-packet one-way delay: 34.722 ms
Loss rate: 1.04%

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

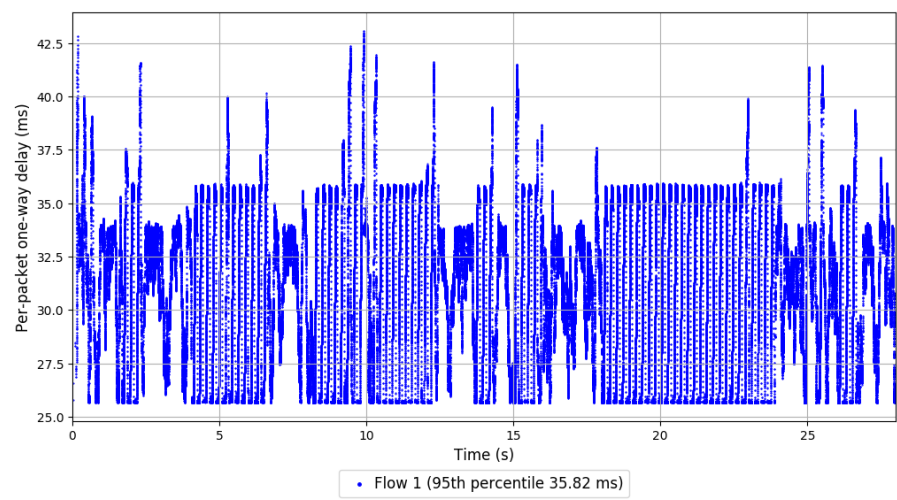
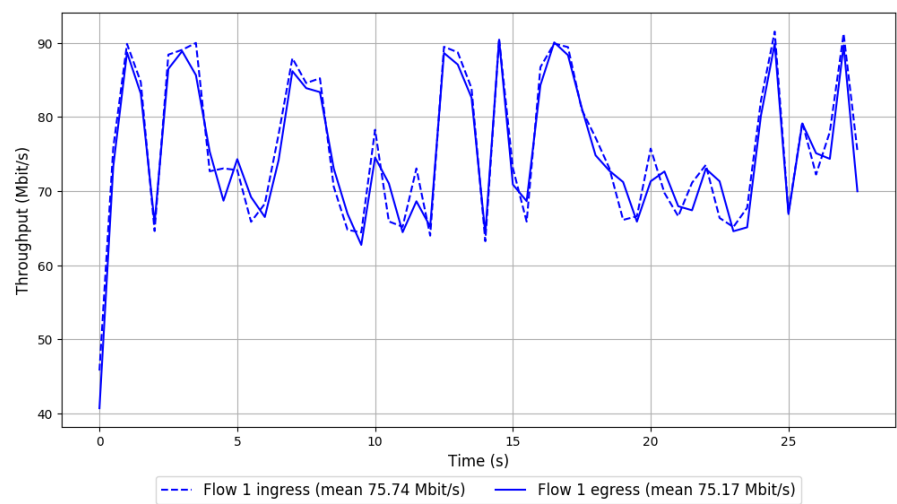


Run 8: Statistics of TaoVA-100x

Start at: 2017-11-15 22:43:05
End at: 2017-11-15 22:43:35
Local clock offset: -4.452 ms
Remote clock offset: -2.493 ms

Below is generated by plot.py at 2017-11-16 03:01:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.17 Mbit/s
95th percentile per-packet one-way delay: 35.820 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 75.17 Mbit/s
95th percentile per-packet one-way delay: 35.820 ms
Loss rate: 0.94%

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

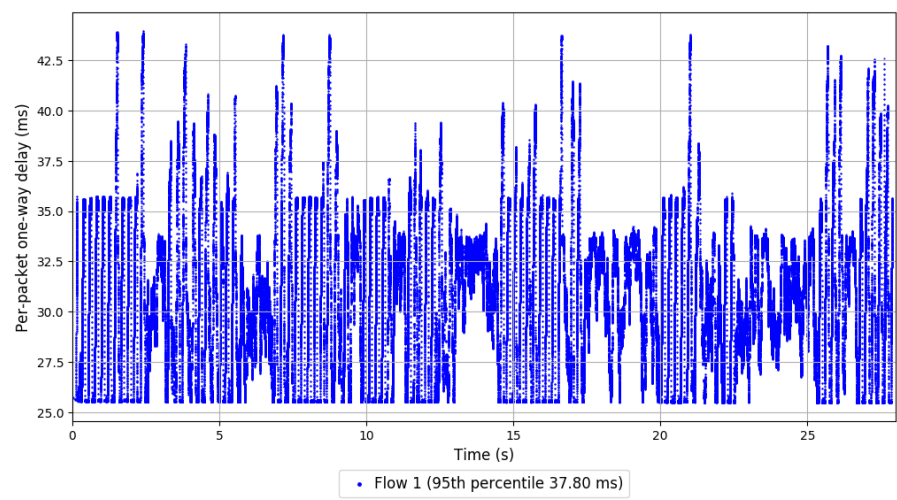
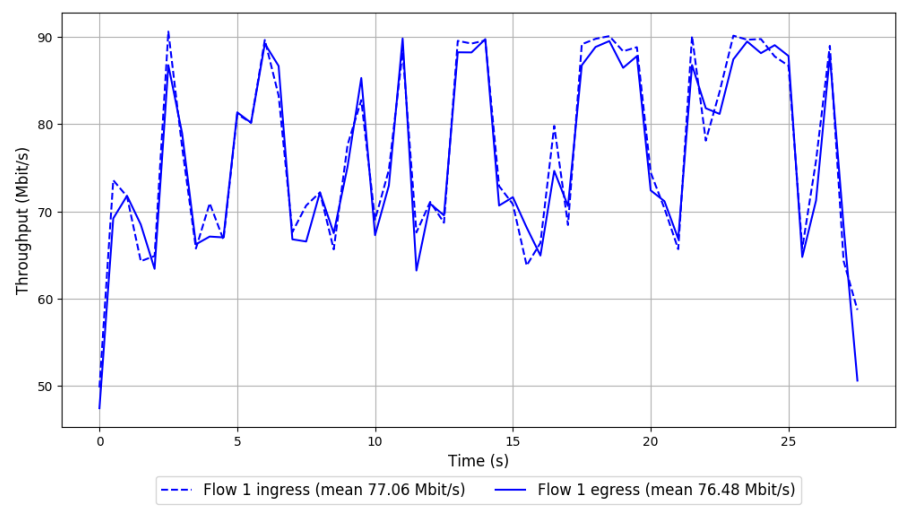


Run 9: Statistics of TaoVA-100x

Start at: 2017-11-15 23:02:48
End at: 2017-11-15 23:03:18
Local clock offset: -2.342 ms
Remote clock offset: -2.487 ms

Below is generated by plot.py at 2017-11-16 03:03:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.48 Mbit/s
95th percentile per-packet one-way delay: 37.803 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 76.48 Mbit/s
95th percentile per-packet one-way delay: 37.803 ms
Loss rate: 0.94%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-11-15 23:21:48

End at: 2017-11-15 23:22:18

Local clock offset: -0.722 ms

Remote clock offset: -1.981 ms

Below is generated by plot.py at 2017-11-16 03:03:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.60 Mbit/s

95th percentile per-packet one-way delay: 36.759 ms

Loss rate: 0.60%

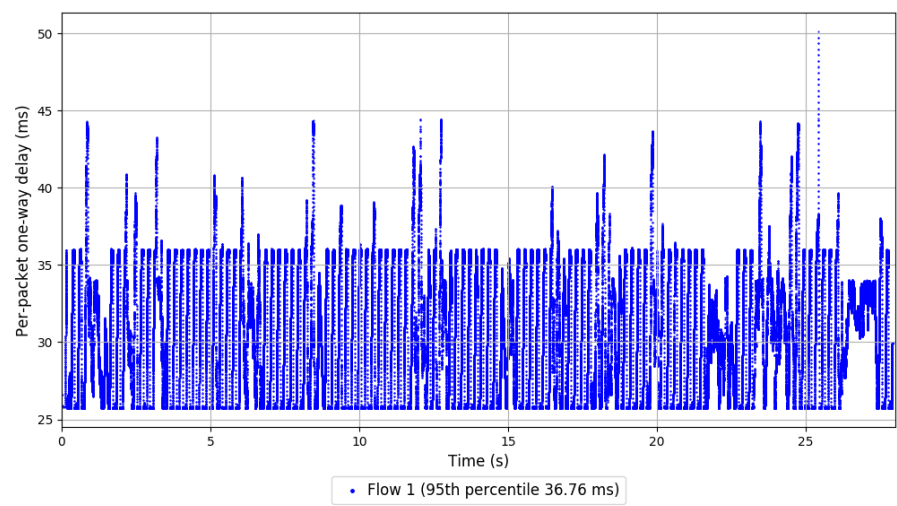
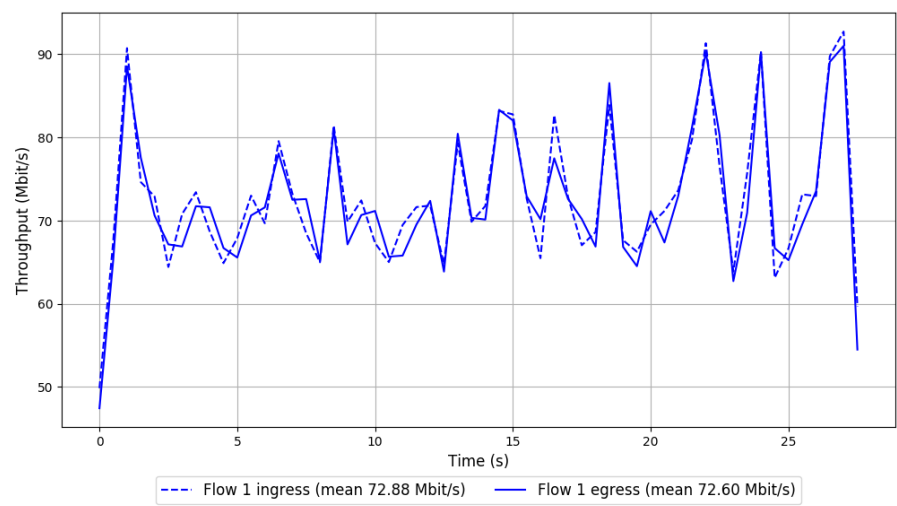
-- Flow 1:

Average throughput: 72.60 Mbit/s

95th percentile per-packet one-way delay: 36.759 ms

Loss rate: 0.60%

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

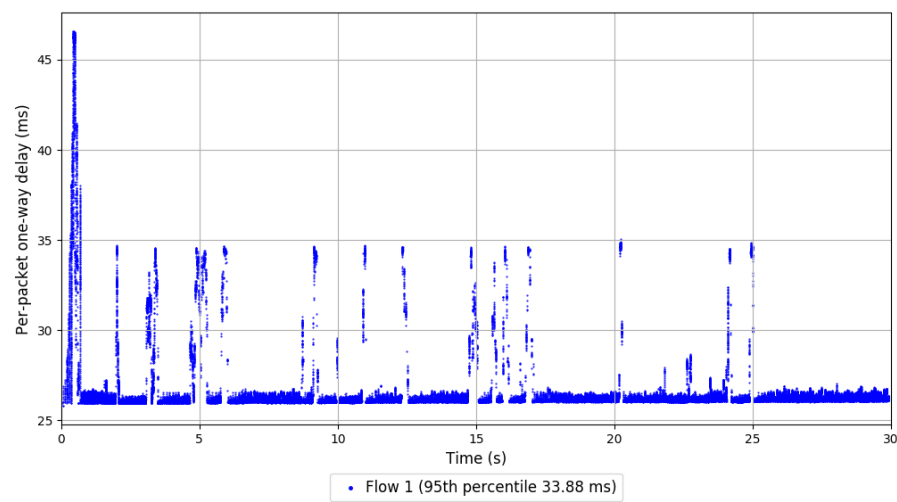
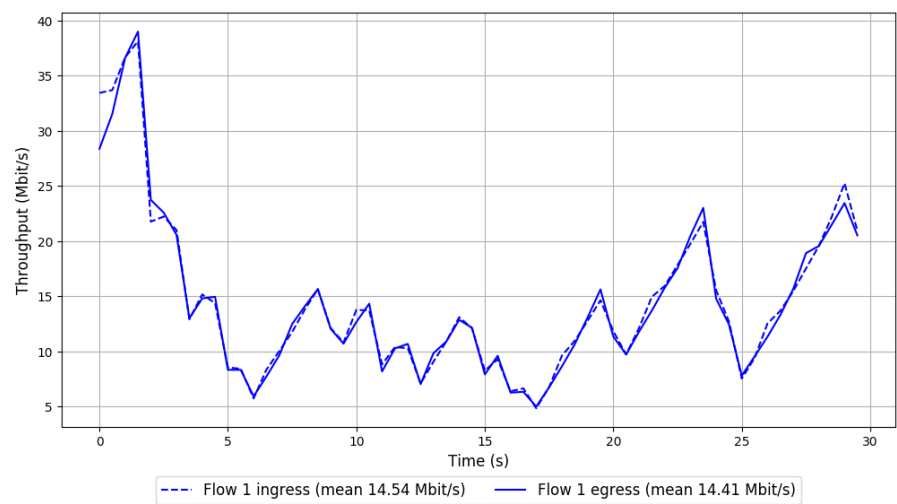


Run 1: Statistics of TCP Vegas

Start at: 2017-11-15 20:16:54
End at: 2017-11-15 20:17:24
Local clock offset: -4.012 ms
Remote clock offset: -3.104 ms

Below is generated by plot.py at 2017-11-16 03:03:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.41 Mbit/s
95th percentile per-packet one-way delay: 33.882 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 14.41 Mbit/s
95th percentile per-packet one-way delay: 33.882 ms
Loss rate: 1.06%

Run 1: Report of TCP Vegas — Data Link

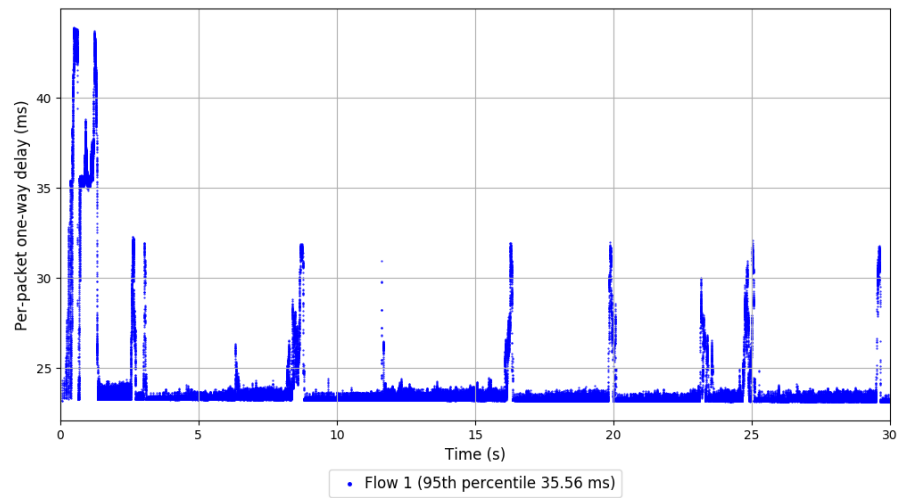
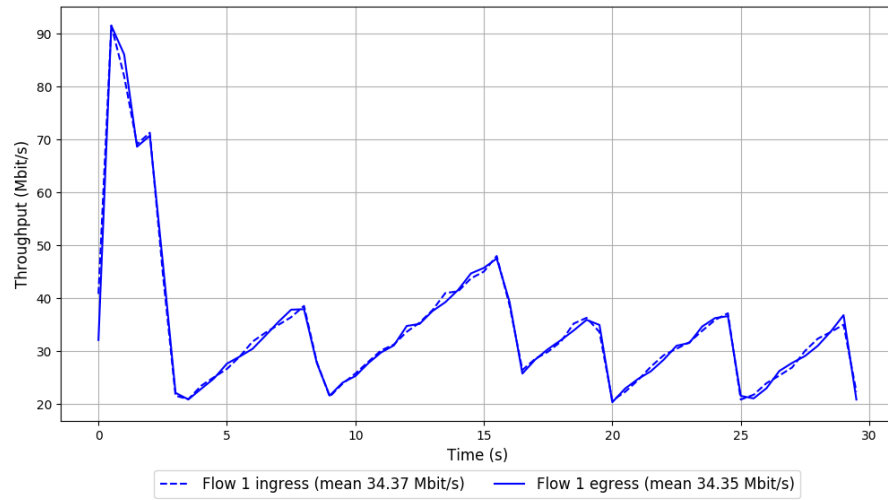


Run 2: Statistics of TCP Vegas

Start at: 2017-11-15 20:35:36
End at: 2017-11-15 20:36:06
Local clock offset: -3.854 ms
Remote clock offset: -0.808 ms

Below is generated by plot.py at 2017-11-16 03:03:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 34.35 Mbit/s
95th percentile per-packet one-way delay: 35.556 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 34.35 Mbit/s
95th percentile per-packet one-way delay: 35.556 ms
Loss rate: 0.25%

Run 2: Report of TCP Vegas — Data Link

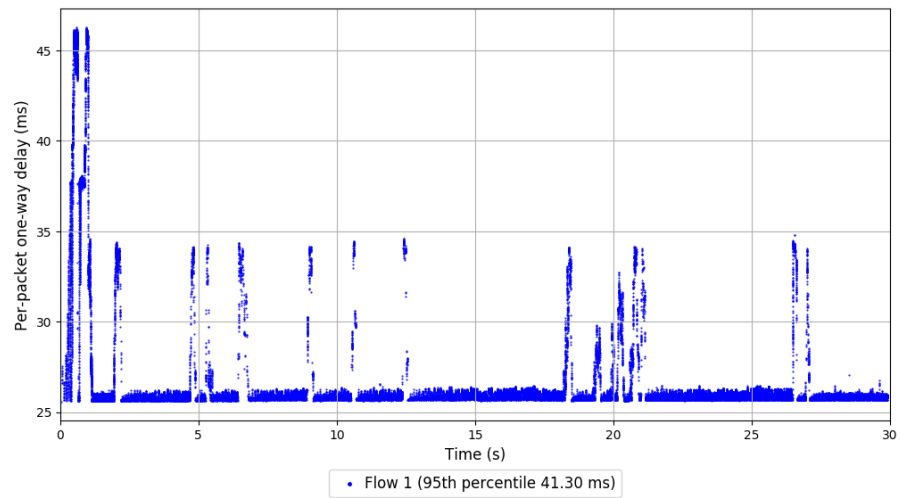
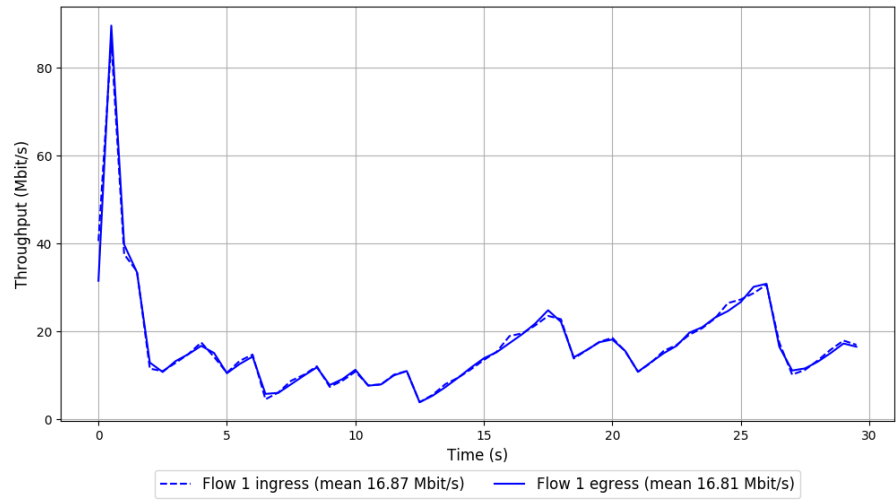


Run 3: Statistics of TCP Vegas

Start at: 2017-11-15 20:54:31
End at: 2017-11-15 20:55:01
Local clock offset: -0.835 ms
Remote clock offset: -2.427 ms

Below is generated by plot.py at 2017-11-16 03:03:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.81 Mbit/s
95th percentile per-packet one-way delay: 41.298 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 16.81 Mbit/s
95th percentile per-packet one-way delay: 41.298 ms
Loss rate: 0.54%

Run 3: Report of TCP Vegas — Data Link

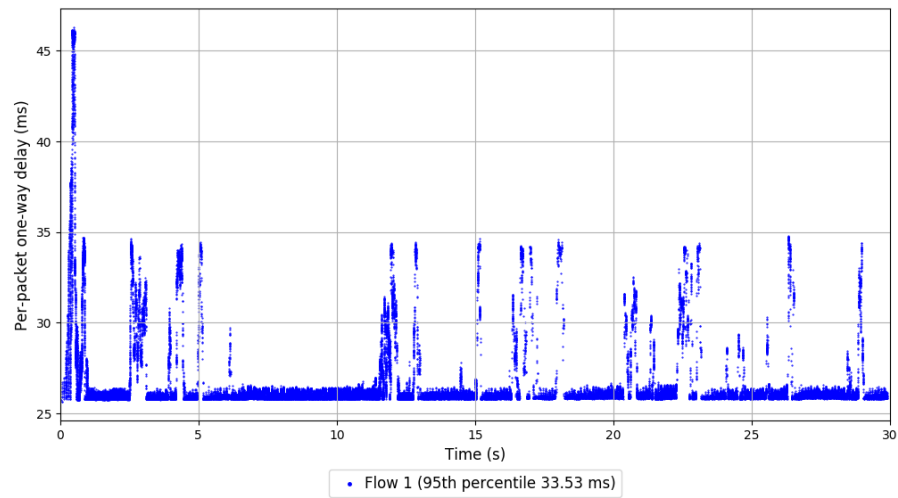
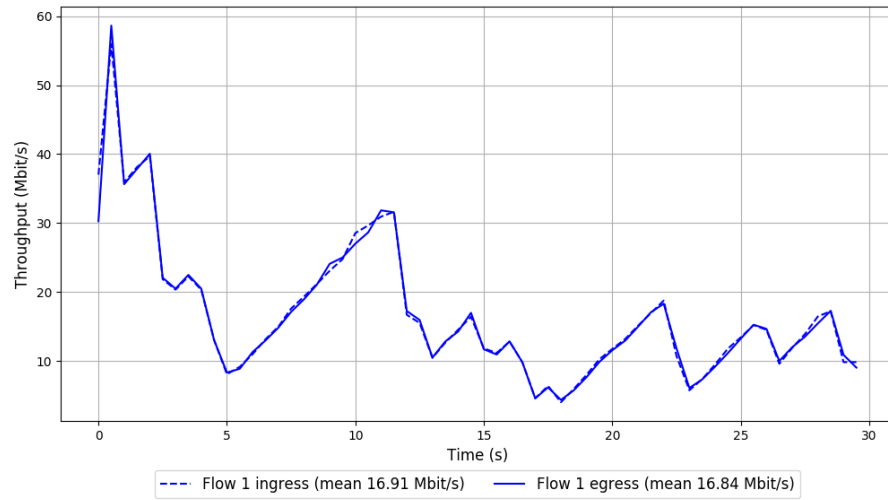


Run 4: Statistics of TCP Vegas

Start at: 2017-11-15 21:13:32
End at: 2017-11-15 21:14:02
Local clock offset: -2.037 ms
Remote clock offset: -1.722 ms

Below is generated by plot.py at 2017-11-16 03:03:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.84 Mbit/s
95th percentile per-packet one-way delay: 33.529 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 16.84 Mbit/s
95th percentile per-packet one-way delay: 33.529 ms
Loss rate: 0.56%

Run 4: Report of TCP Vegas — Data Link

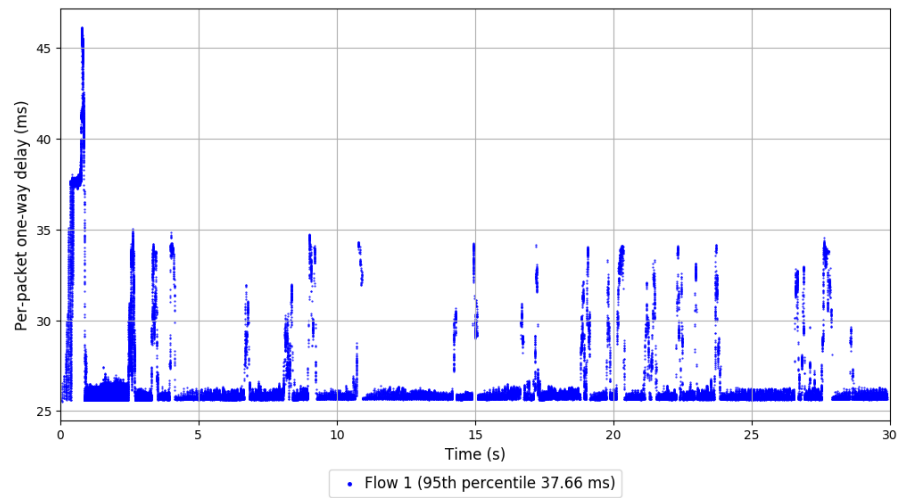
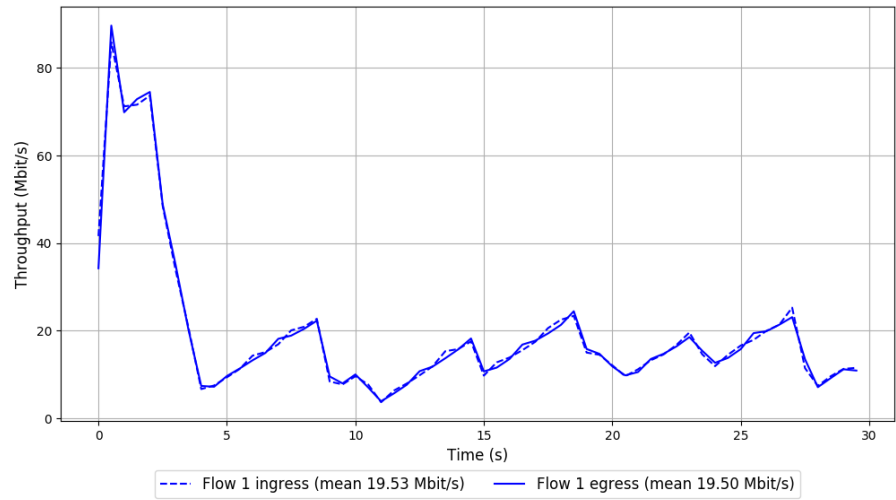


Run 5: Statistics of TCP Vegas

Start at: 2017-11-15 21:32:27
End at: 2017-11-15 21:32:57
Local clock offset: -2.263 ms
Remote clock offset: -1.914 ms

Below is generated by plot.py at 2017-11-16 03:03:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 19.50 Mbit/s
95th percentile per-packet one-way delay: 37.659 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 19.50 Mbit/s
95th percentile per-packet one-way delay: 37.659 ms
Loss rate: 0.32%

Run 5: Report of TCP Vegas — Data Link

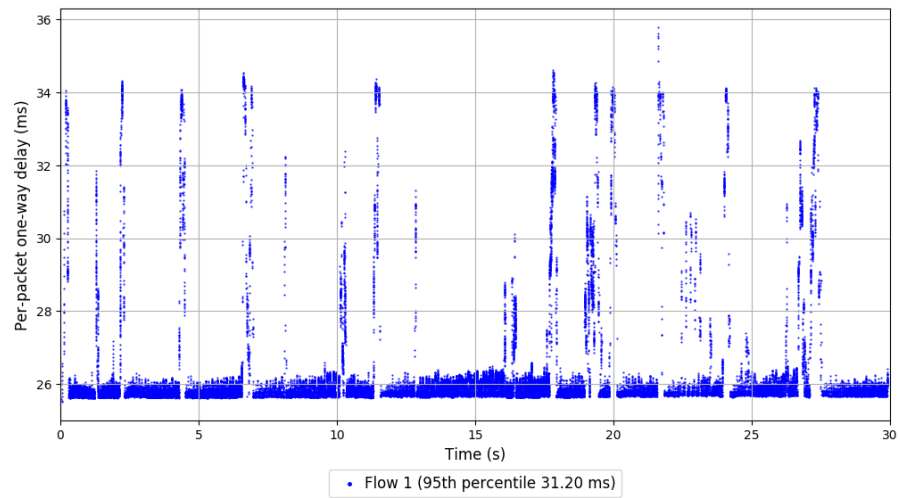
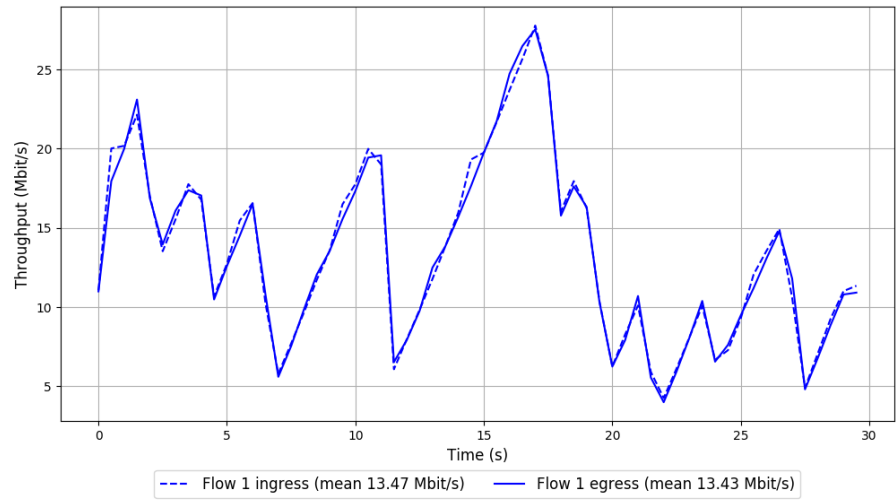


Run 6: Statistics of TCP Vegas

Start at: 2017-11-15 21:51:33
End at: 2017-11-15 21:52:03
Local clock offset: -2.512 ms
Remote clock offset: -2.585 ms

Below is generated by plot.py at 2017-11-16 03:03:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.43 Mbit/s
95th percentile per-packet one-way delay: 31.200 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 13.43 Mbit/s
95th percentile per-packet one-way delay: 31.200 ms
Loss rate: 0.50%

Run 6: Report of TCP Vegas — Data Link

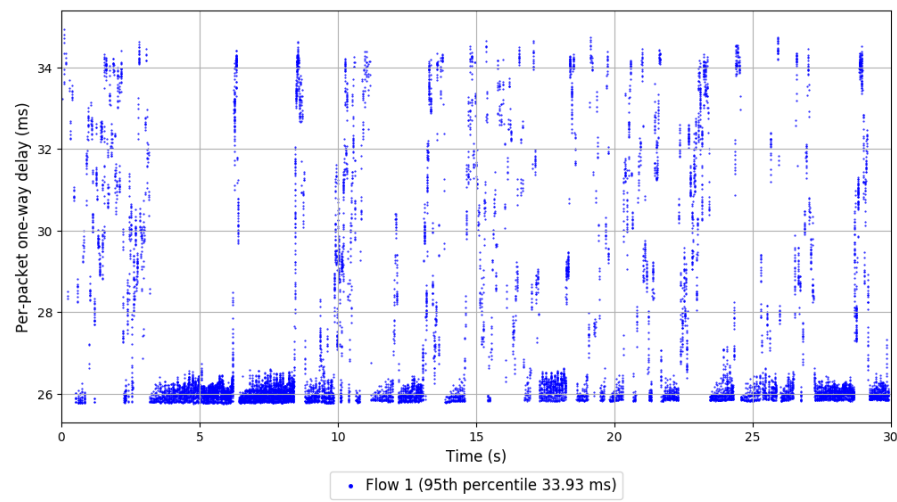
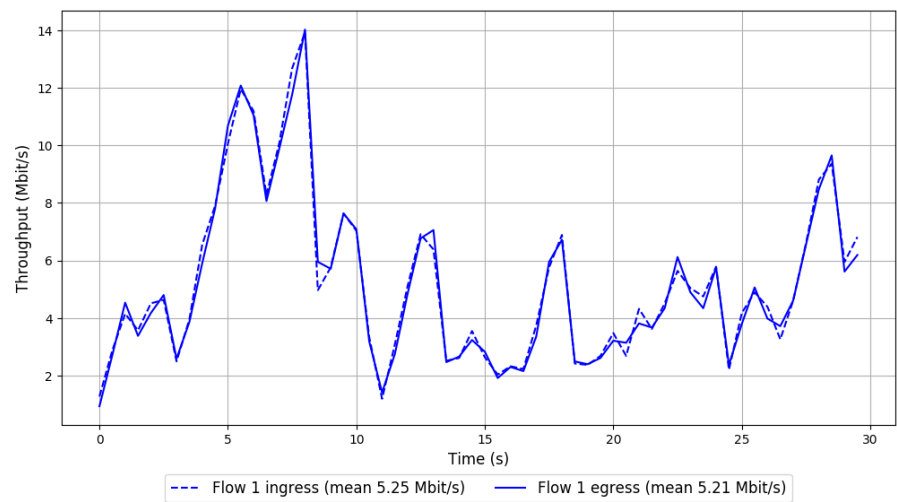


Run 7: Statistics of TCP Vegas

Start at: 2017-11-15 22:11:06
End at: 2017-11-15 22:11:36
Local clock offset: -4.56 ms
Remote clock offset: -2.559 ms

Below is generated by plot.py at 2017-11-16 03:03:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.21 Mbit/s
95th percentile per-packet one-way delay: 33.933 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 5.21 Mbit/s
95th percentile per-packet one-way delay: 33.933 ms
Loss rate: 0.99%

Run 7: Report of TCP Vegas — Data Link

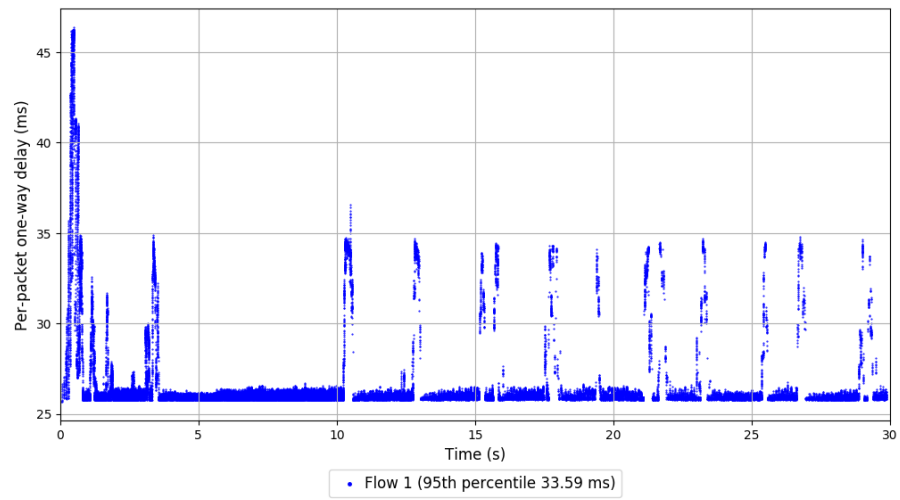
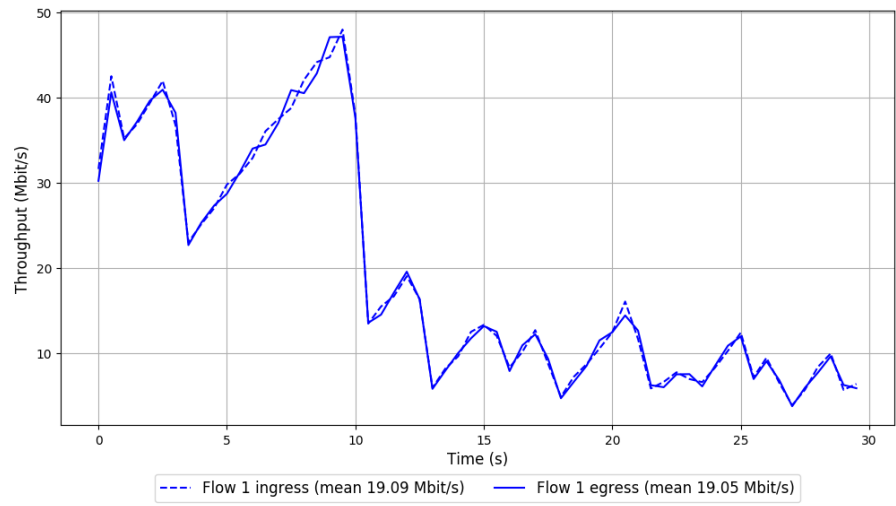


Run 8: Statistics of TCP Vegas

Start at: 2017-11-15 22:31:01
End at: 2017-11-15 22:31:31
Local clock offset: -4.651 ms
Remote clock offset: -2.456 ms

Below is generated by plot.py at 2017-11-16 03:03:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 19.05 Mbit/s
95th percentile per-packet one-way delay: 33.592 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 19.05 Mbit/s
95th percentile per-packet one-way delay: 33.592 ms
Loss rate: 0.49%

Run 8: Report of TCP Vegas — Data Link

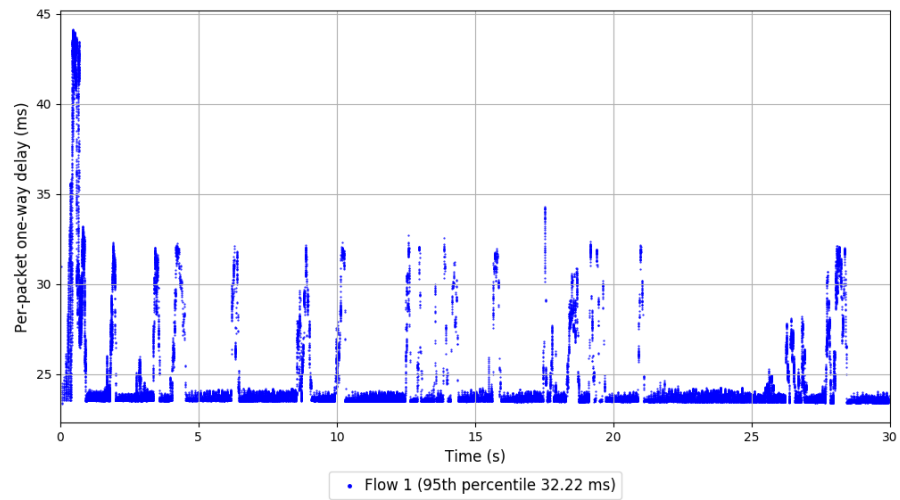
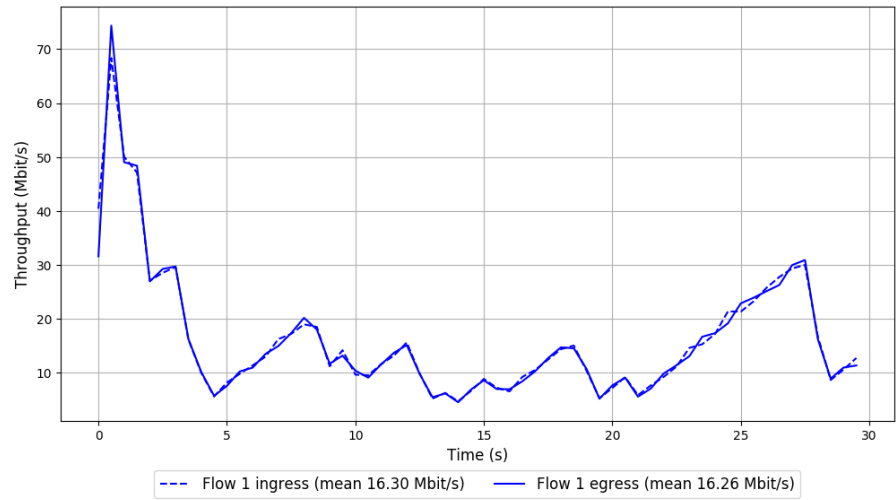


Run 9: Statistics of TCP Vegas

Start at: 2017-11-15 22:49:58
End at: 2017-11-15 22:50:28
Local clock offset: -4.503 ms
Remote clock offset: -0.591 ms

Below is generated by plot.py at 2017-11-16 03:03:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.26 Mbit/s
95th percentile per-packet one-way delay: 32.221 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 16.26 Mbit/s
95th percentile per-packet one-way delay: 32.221 ms
Loss rate: 0.45%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2017-11-15 23:09:46

End at: 2017-11-15 23:10:16

Local clock offset: -1.19 ms

Remote clock offset: 0.112 ms

Below is generated by plot.py at 2017-11-16 03:03:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 13.32 Mbit/s

95th percentile per-packet one-way delay: 31.521 ms

Loss rate: 0.89%

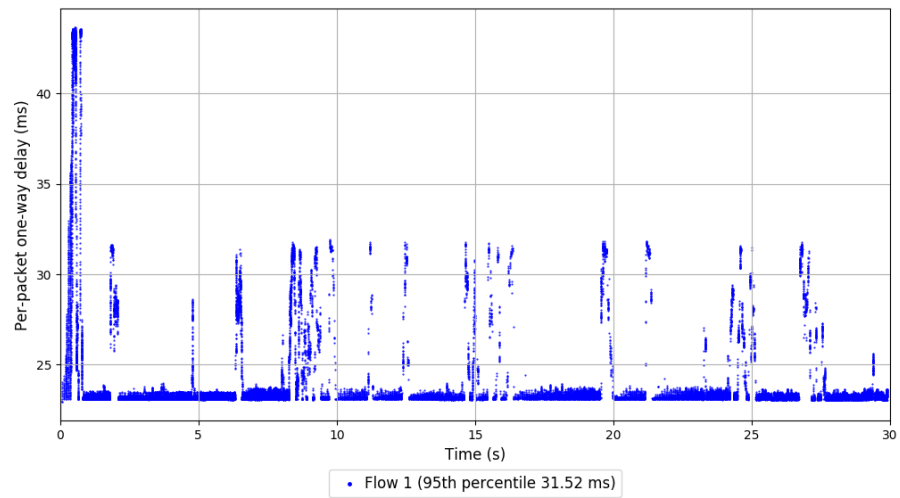
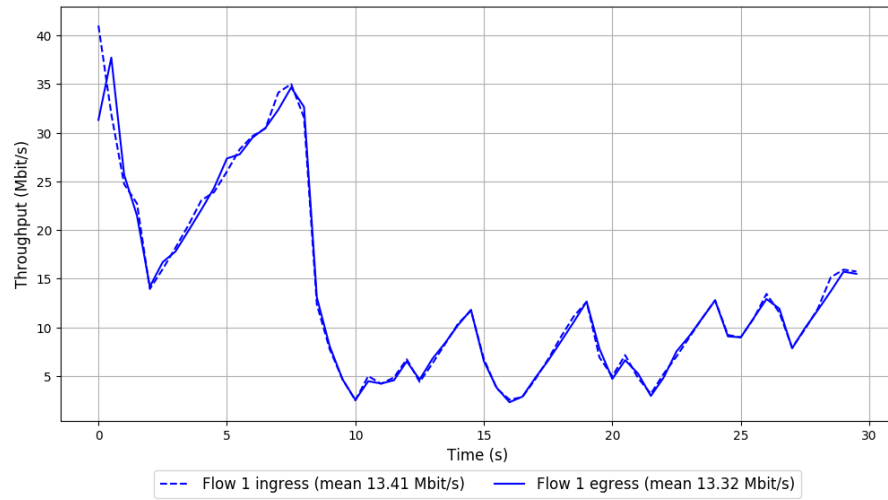
-- Flow 1:

Average throughput: 13.32 Mbit/s

95th percentile per-packet one-way delay: 31.521 ms

Loss rate: 0.89%

Run 10: Report of TCP Vegas — Data Link

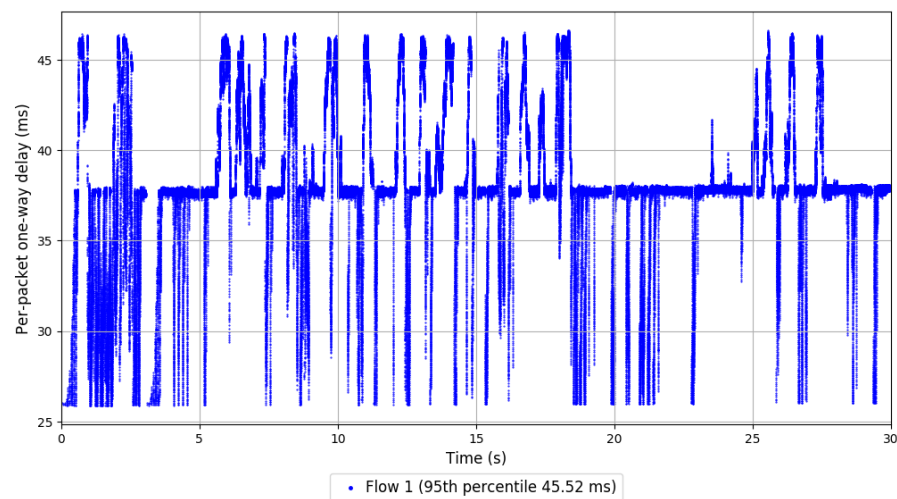
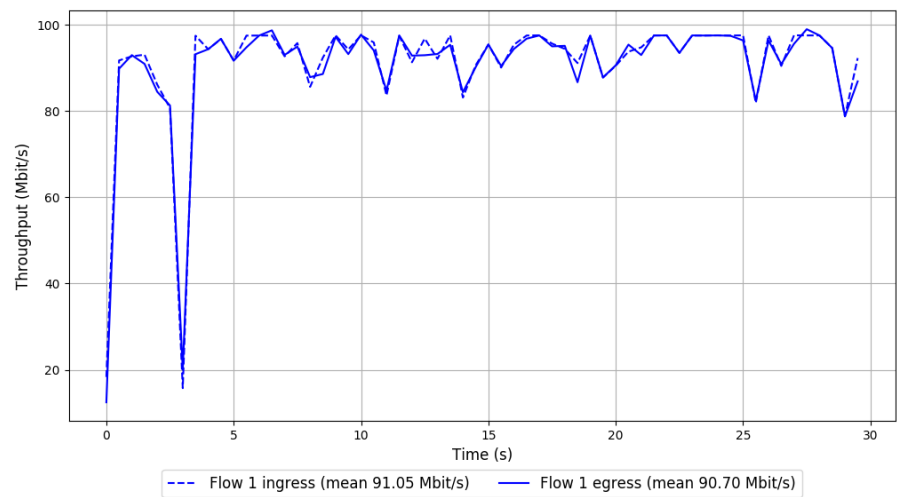


Run 1: Statistics of Verus

Start at: 2017-11-15 20:18:10
End at: 2017-11-15 20:18:40
Local clock offset: -4.164 ms
Remote clock offset: -2.957 ms

Below is generated by plot.py at 2017-11-16 03:03:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.70 Mbit/s
95th percentile per-packet one-way delay: 45.525 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 90.70 Mbit/s
95th percentile per-packet one-way delay: 45.525 ms
Loss rate: 0.58%

Run 1: Report of Verus — Data Link

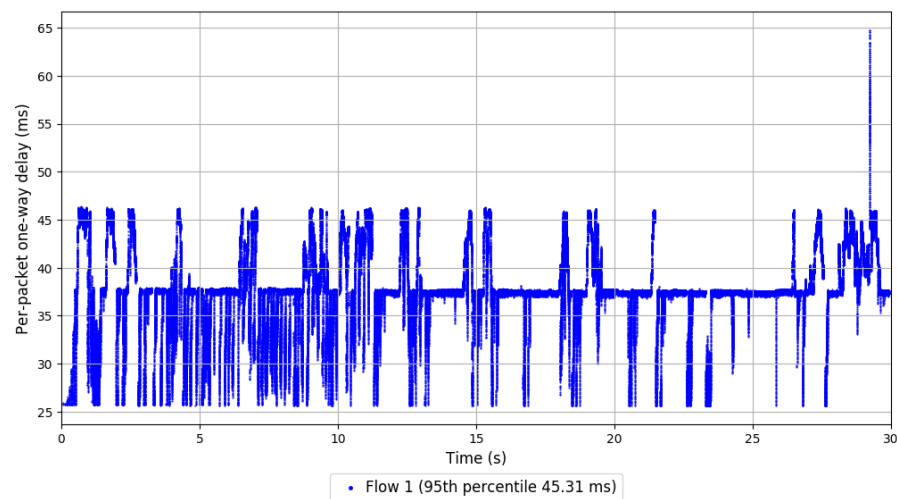
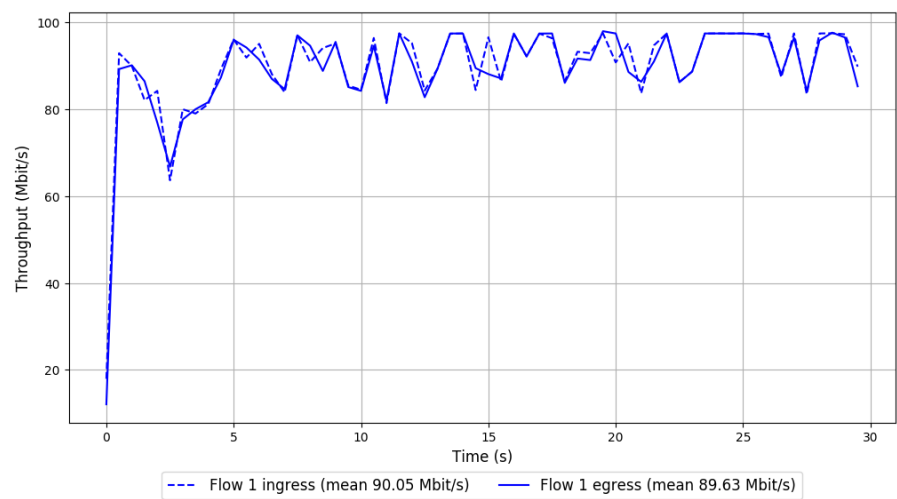


Run 2: Statistics of Verus

Start at: 2017-11-15 20:36:55
End at: 2017-11-15 20:37:25
Local clock offset: -3.351 ms
Remote clock offset: -3.057 ms

Below is generated by plot.py at 2017-11-16 03:03:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.63 Mbit/s
95th percentile per-packet one-way delay: 45.311 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 89.63 Mbit/s
95th percentile per-packet one-way delay: 45.311 ms
Loss rate: 0.66%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2017-11-15 20:55:48

End at: 2017-11-15 20:56:18

Local clock offset: -0.79 ms

Remote clock offset: 0.062 ms

Below is generated by plot.py at 2017-11-16 03:03:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.19 Mbit/s

95th percentile per-packet one-way delay: 42.960 ms

Loss rate: 0.70%

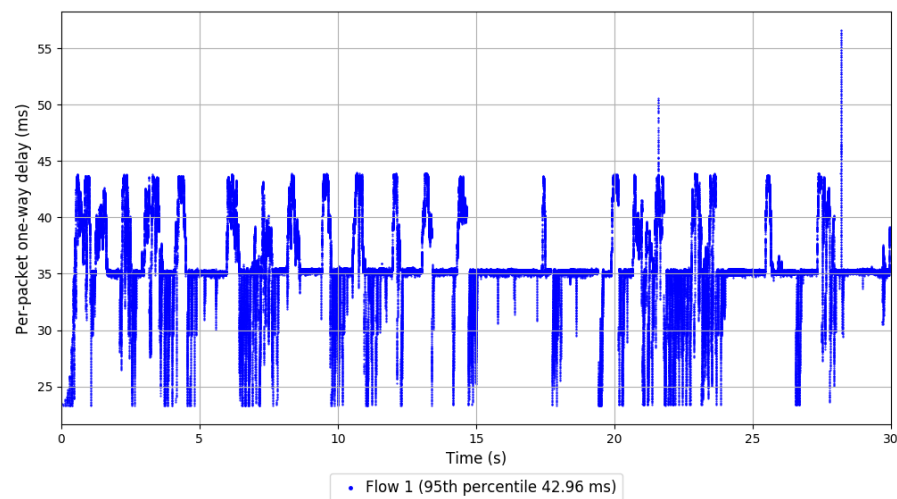
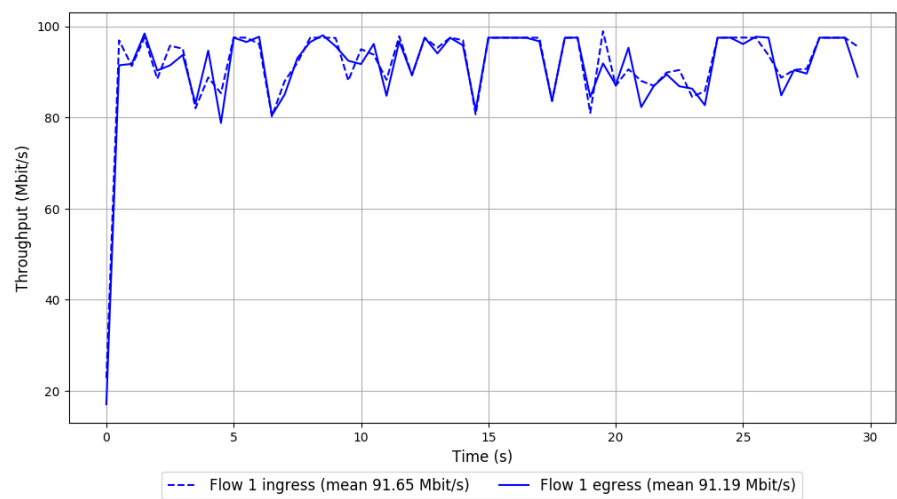
-- Flow 1:

Average throughput: 91.19 Mbit/s

95th percentile per-packet one-way delay: 42.960 ms

Loss rate: 0.70%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2017-11-15 21:14:49

End at: 2017-11-15 21:15:19

Local clock offset: -2.142 ms

Remote clock offset: 0.378 ms

Below is generated by plot.py at 2017-11-16 03:03:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.93 Mbit/s

95th percentile per-packet one-way delay: 43.650 ms

Loss rate: 0.65%

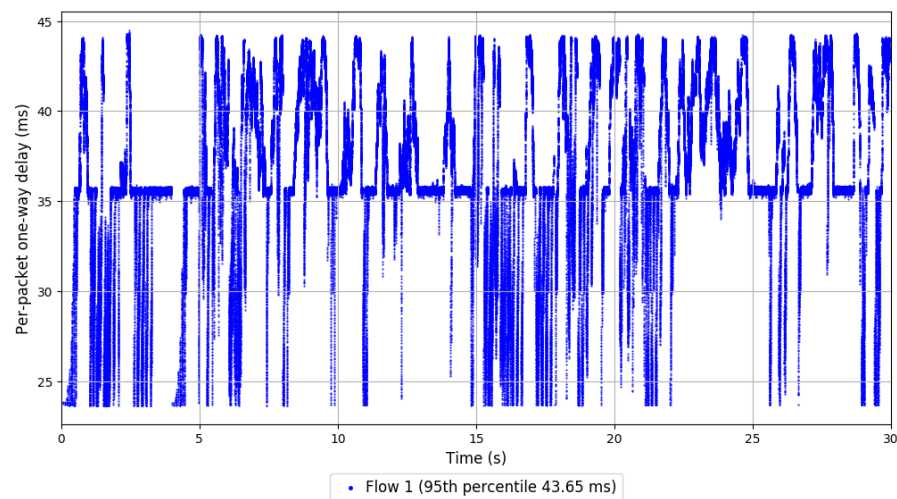
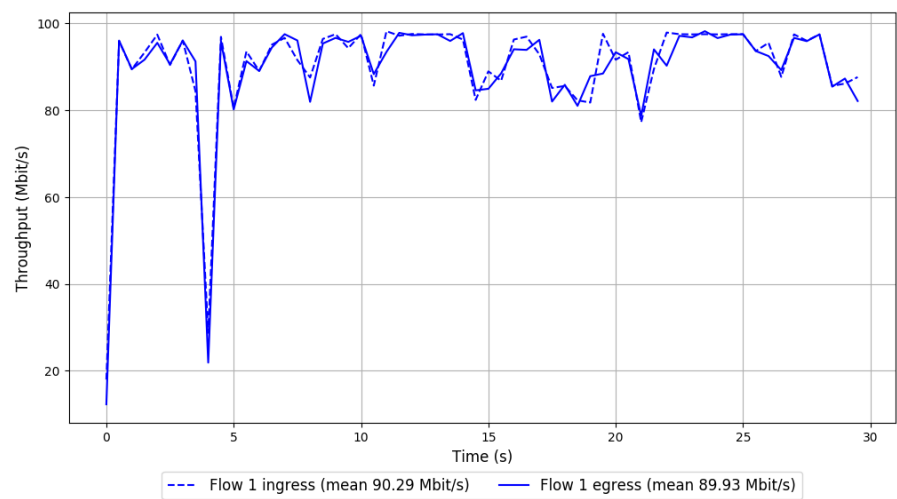
-- Flow 1:

Average throughput: 89.93 Mbit/s

95th percentile per-packet one-way delay: 43.650 ms

Loss rate: 0.65%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2017-11-15 21:33:44

End at: 2017-11-15 21:34:14

Local clock offset: -2.238 ms

Remote clock offset: 0.062 ms

Below is generated by plot.py at 2017-11-16 03:03:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.19 Mbit/s

95th percentile per-packet one-way delay: 43.749 ms

Loss rate: 1.04%

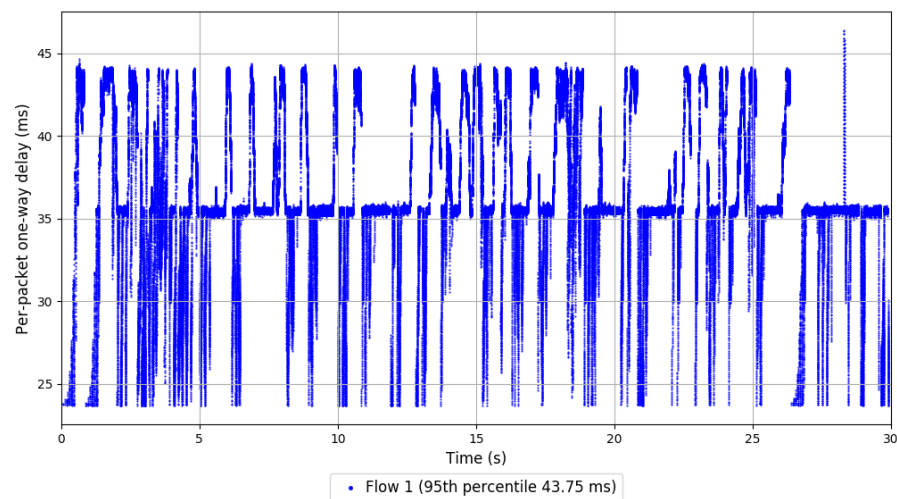
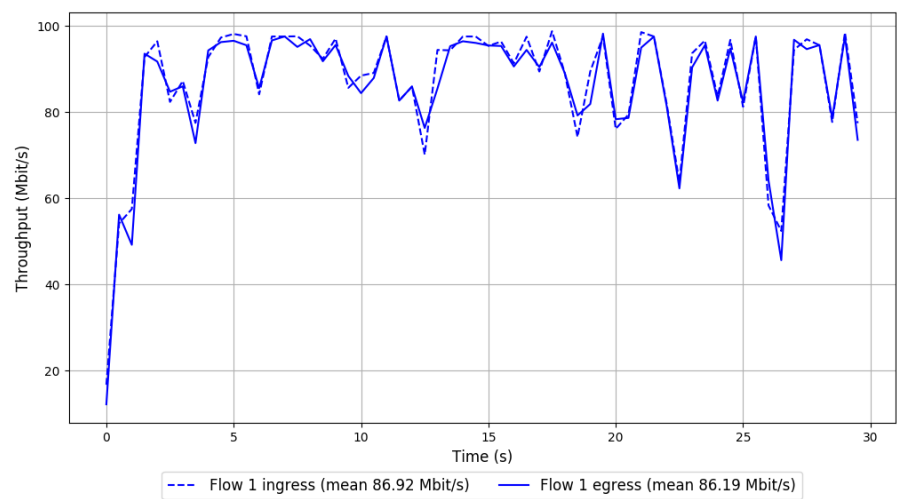
-- Flow 1:

Average throughput: 86.19 Mbit/s

95th percentile per-packet one-way delay: 43.749 ms

Loss rate: 1.04%

Run 5: Report of Verus — Data Link

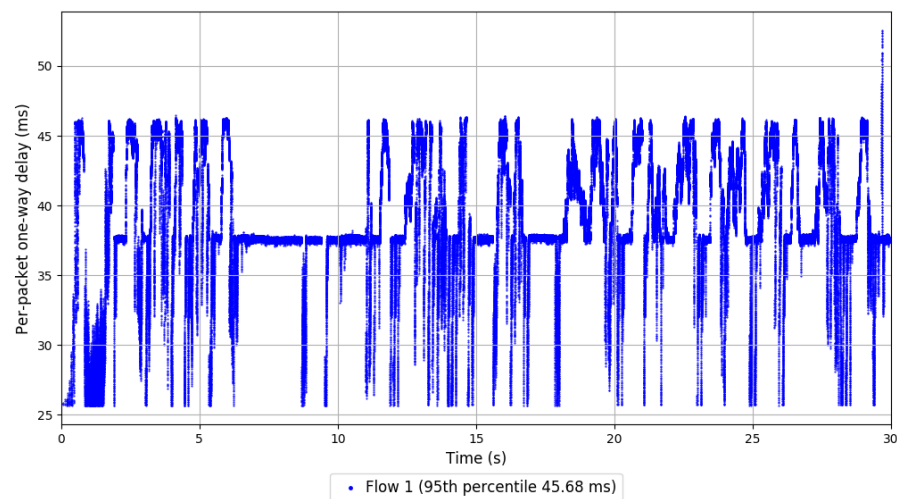
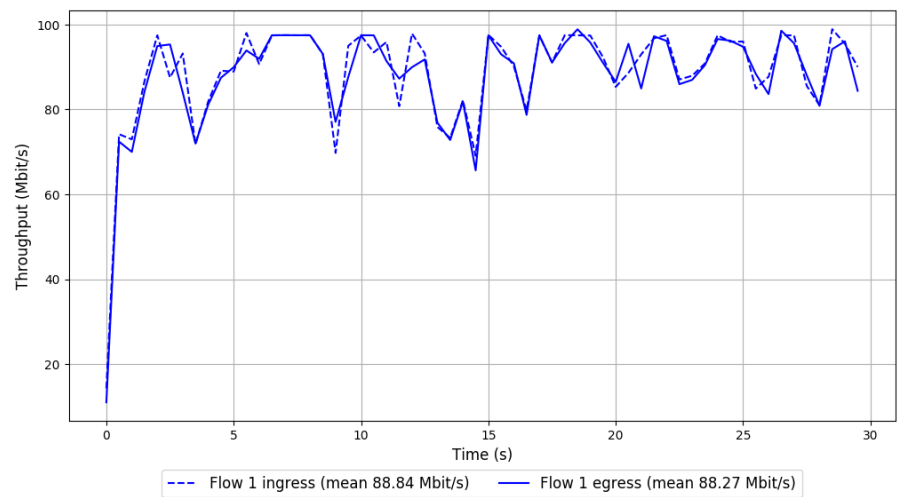


Run 6: Statistics of Verus

Start at: 2017-11-15 21:52:51
End at: 2017-11-15 21:53:21
Local clock offset: -2.608 ms
Remote clock offset: -2.639 ms

Below is generated by plot.py at 2017-11-16 03:03:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.27 Mbit/s
95th percentile per-packet one-way delay: 45.679 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 88.27 Mbit/s
95th percentile per-packet one-way delay: 45.679 ms
Loss rate: 0.84%

Run 6: Report of Verus — Data Link

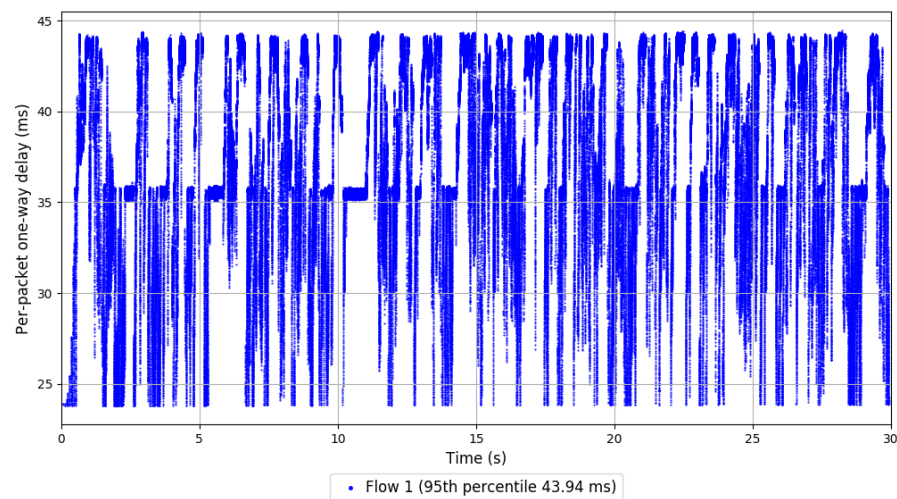
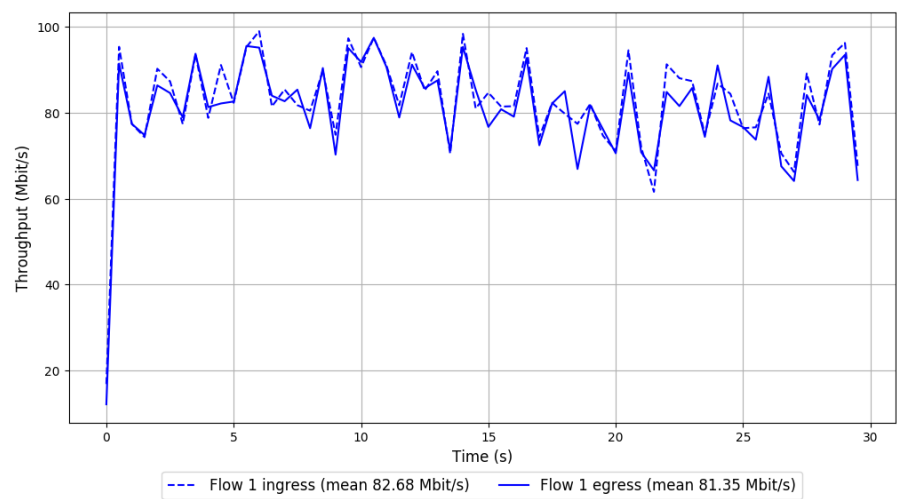


Run 7: Statistics of Verus

Start at: 2017-11-15 22:12:24
End at: 2017-11-15 22:12:54
Local clock offset: -4.641 ms
Remote clock offset: -0.497 ms

Below is generated by plot.py at 2017-11-16 03:04:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.35 Mbit/s
95th percentile per-packet one-way delay: 43.942 ms
Loss rate: 1.81%
-- Flow 1:
Average throughput: 81.35 Mbit/s
95th percentile per-packet one-way delay: 43.942 ms
Loss rate: 1.81%

Run 7: Report of Verus — Data Link

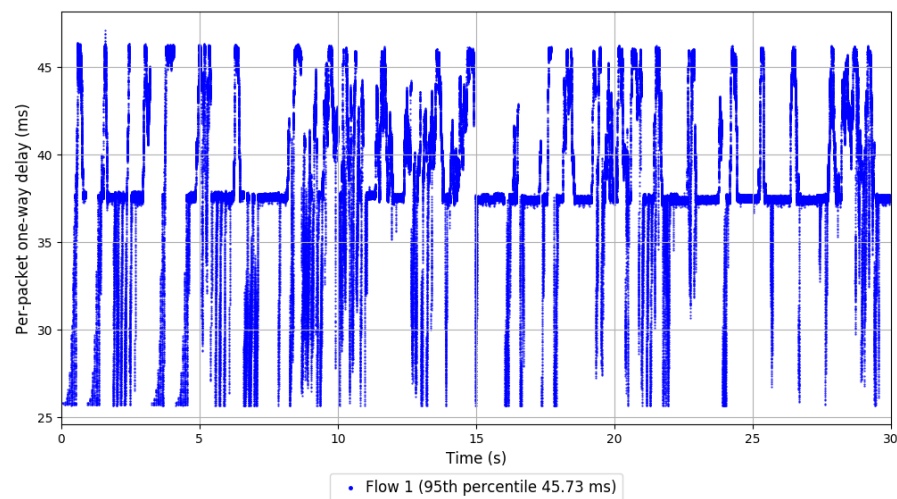
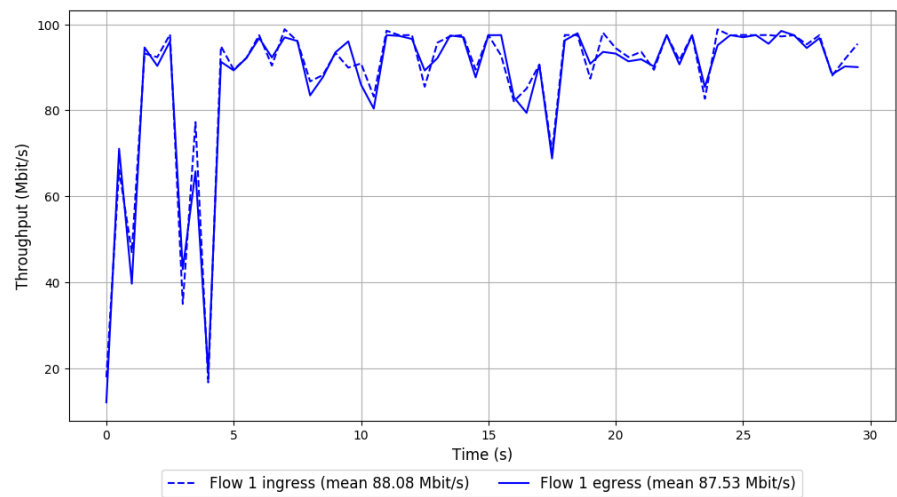


Run 8: Statistics of Verus

Start at: 2017-11-15 22:32:19
End at: 2017-11-15 22:32:49
Local clock offset: -4.662 ms
Remote clock offset: -2.457 ms

Below is generated by plot.py at 2017-11-16 03:04:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.53 Mbit/s
95th percentile per-packet one-way delay: 45.734 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 87.53 Mbit/s
95th percentile per-packet one-way delay: 45.734 ms
Loss rate: 0.82%

Run 8: Report of Verus — Data Link

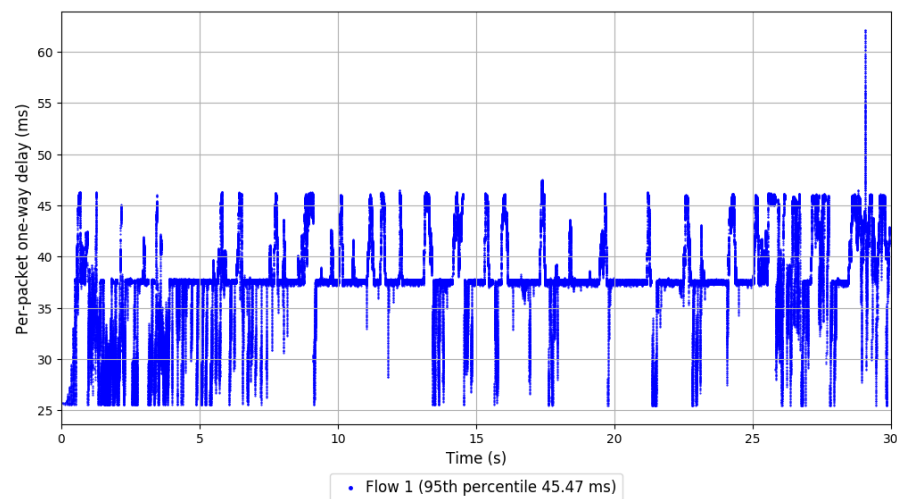
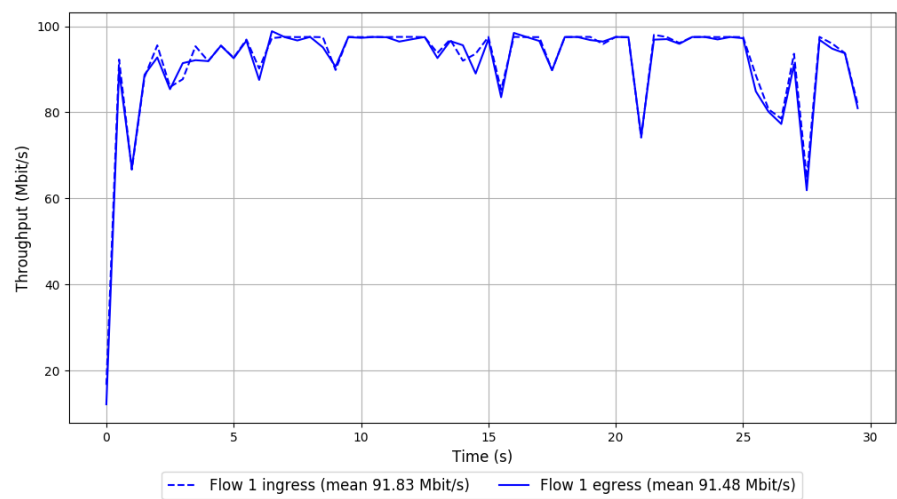


Run 9: Statistics of Verus

Start at: 2017-11-15 22:51:18
End at: 2017-11-15 22:51:48
Local clock offset: -4.212 ms
Remote clock offset: -2.636 ms

Below is generated by plot.py at 2017-11-16 03:04:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.48 Mbit/s
95th percentile per-packet one-way delay: 45.471 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 91.48 Mbit/s
95th percentile per-packet one-way delay: 45.471 ms
Loss rate: 0.65%

Run 9: Report of Verus — Data Link

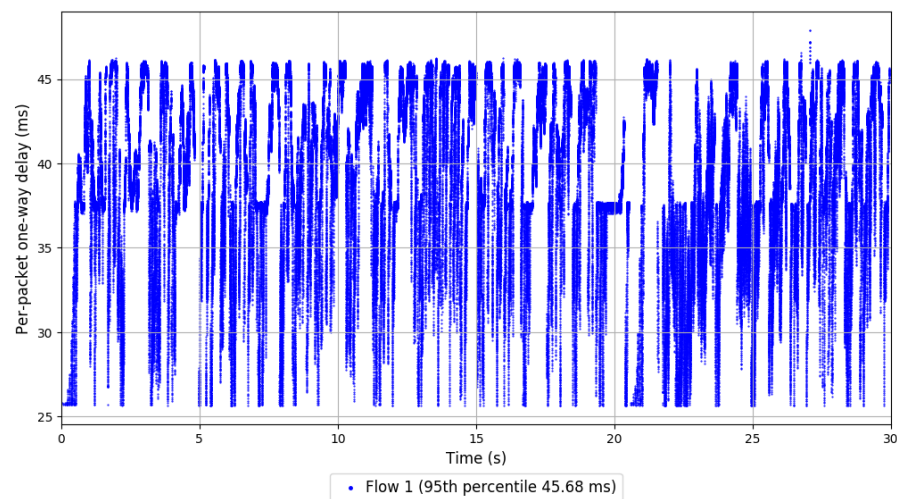
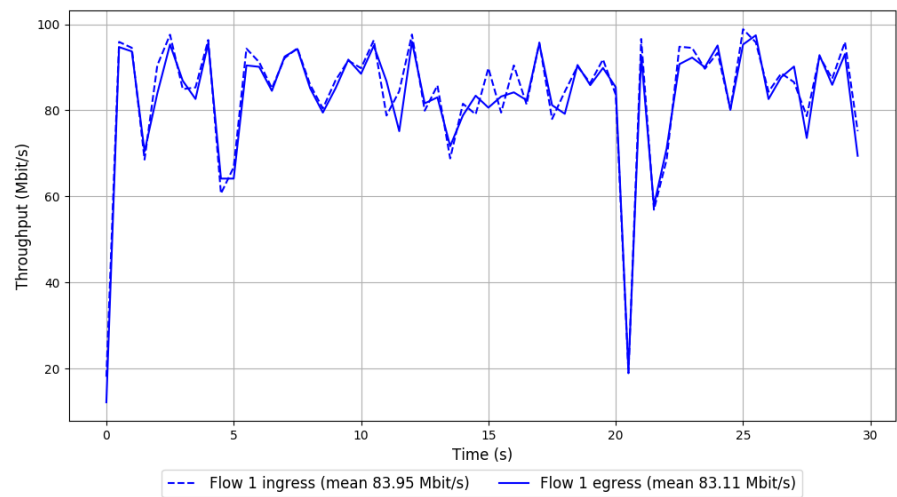


Run 10: Statistics of Verus

Start at: 2017-11-15 23:11:03
End at: 2017-11-15 23:11:33
Local clock offset: -0.943 ms
Remote clock offset: -2.334 ms

Below is generated by plot.py at 2017-11-16 03:04:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.11 Mbit/s
95th percentile per-packet one-way delay: 45.683 ms
Loss rate: 1.19%
-- Flow 1:
Average throughput: 83.11 Mbit/s
95th percentile per-packet one-way delay: 45.683 ms
Loss rate: 1.19%

Run 10: Report of Verus — Data Link

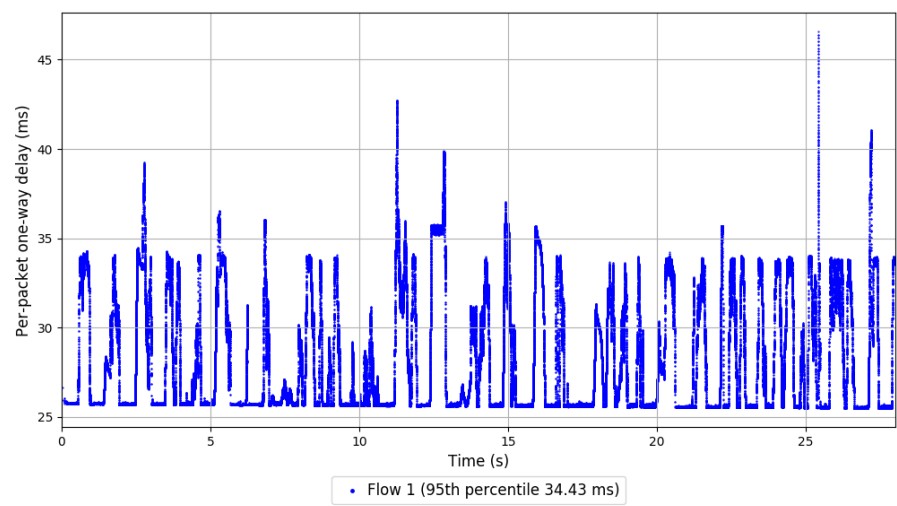
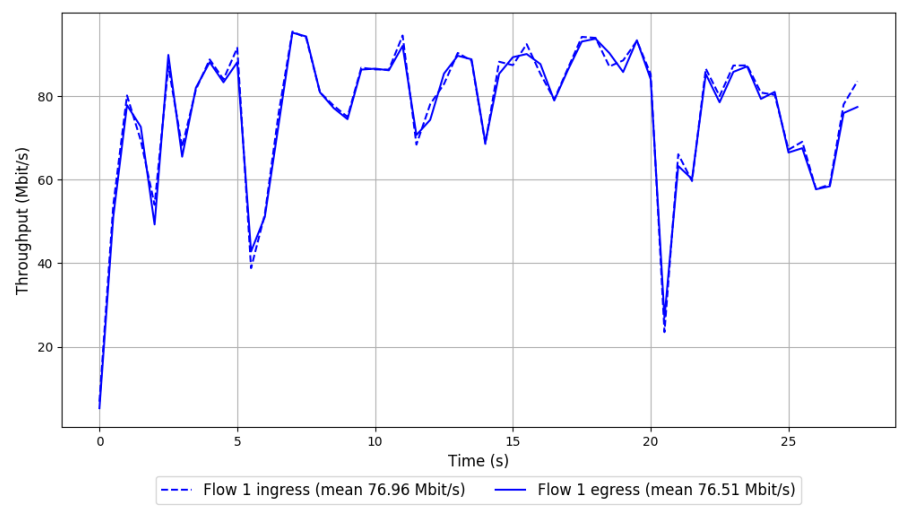


Run 1: Statistics of Copa

Start at: 2017-11-15 20:12:56
End at: 2017-11-15 20:13:27
Local clock offset: -4.807 ms
Remote clock offset: -3.108 ms

Below is generated by plot.py at 2017-11-16 03:05:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.51 Mbit/s
95th percentile per-packet one-way delay: 34.426 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 76.51 Mbit/s
95th percentile per-packet one-way delay: 34.426 ms
Loss rate: 0.77%

Run 1: Report of Copa — Data Link

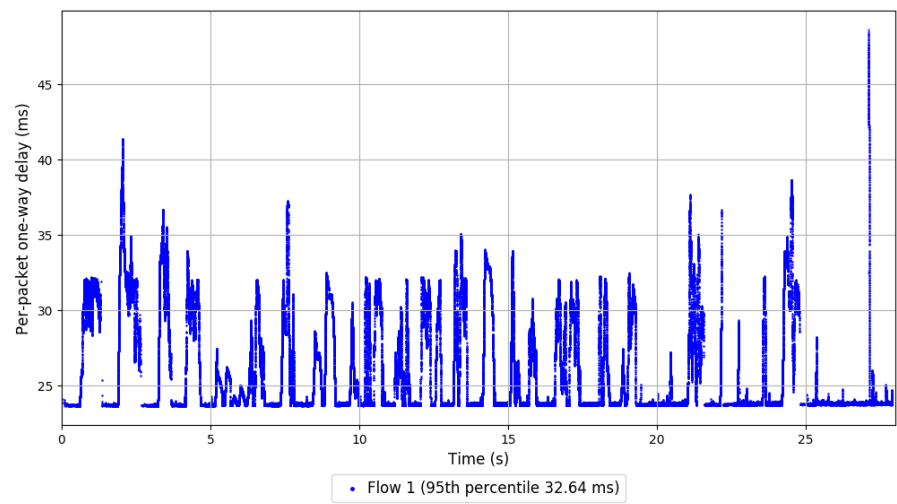
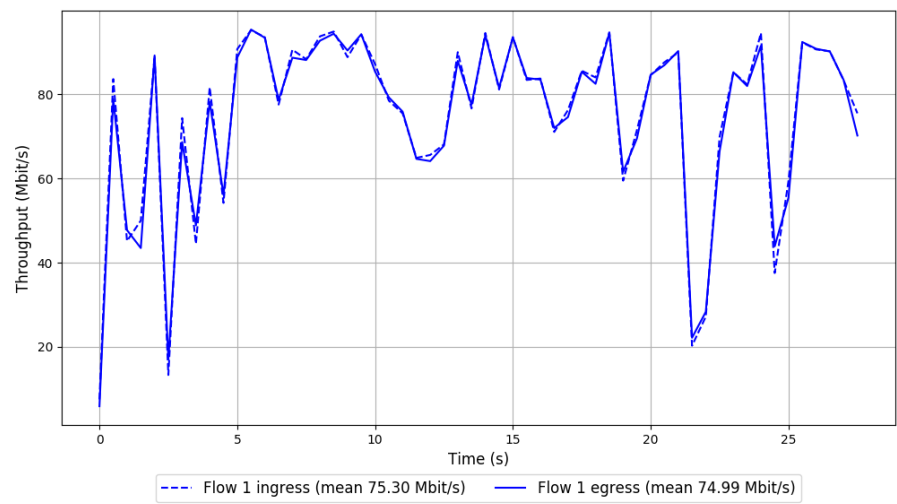


Run 2: Statistics of Copa

Start at: 2017-11-15 20:31:32
End at: 2017-11-15 20:32:02
Local clock offset: -3.561 ms
Remote clock offset: -0.817 ms

Below is generated by plot.py at 2017-11-16 03:05:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.99 Mbit/s
95th percentile per-packet one-way delay: 32.639 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 74.99 Mbit/s
95th percentile per-packet one-way delay: 32.639 ms
Loss rate: 0.60%

Run 2: Report of Copa — Data Link

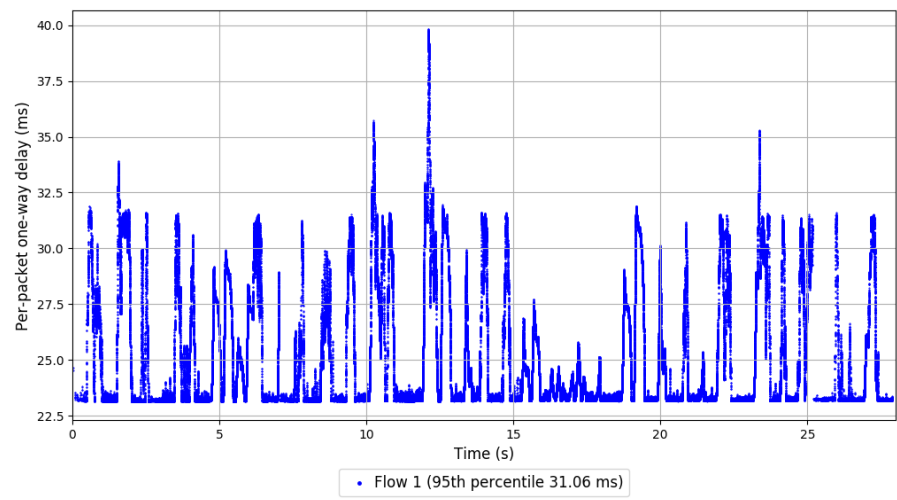
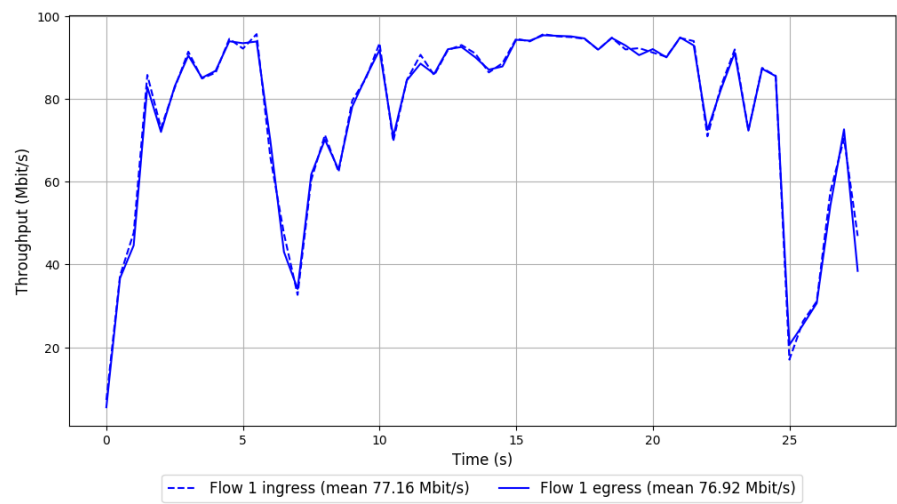


Run 3: Statistics of Copa

Start at: 2017-11-15 20:50:27
End at: 2017-11-15 20:50:57
Local clock offset: -0.689 ms
Remote clock offset: -0.094 ms

Below is generated by plot.py at 2017-11-16 03:05:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.92 Mbit/s
95th percentile per-packet one-way delay: 31.063 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 76.92 Mbit/s
95th percentile per-packet one-way delay: 31.063 ms
Loss rate: 0.51%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2017-11-15 21:09:20

End at: 2017-11-15 21:09:50

Local clock offset: -1.755 ms

Remote clock offset: 0.228 ms

Below is generated by plot.py at 2017-11-16 03:05:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.69 Mbit/s

95th percentile per-packet one-way delay: 34.769 ms

Loss rate: 0.58%

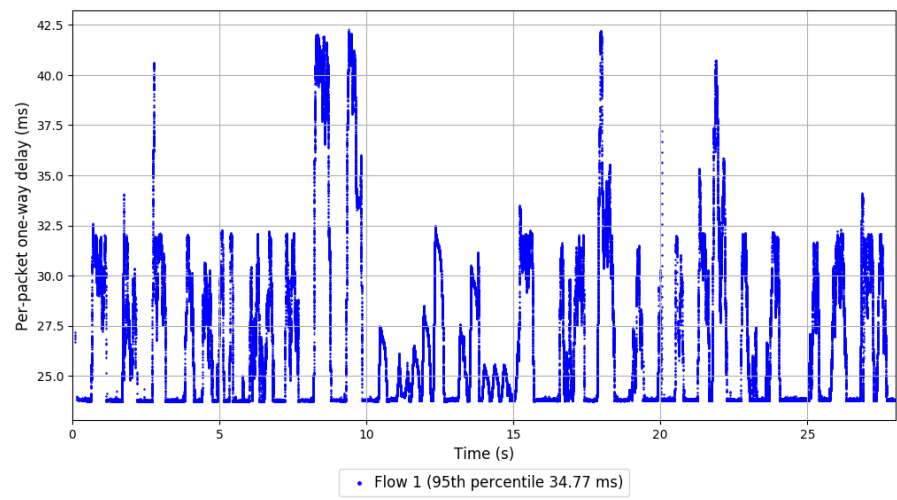
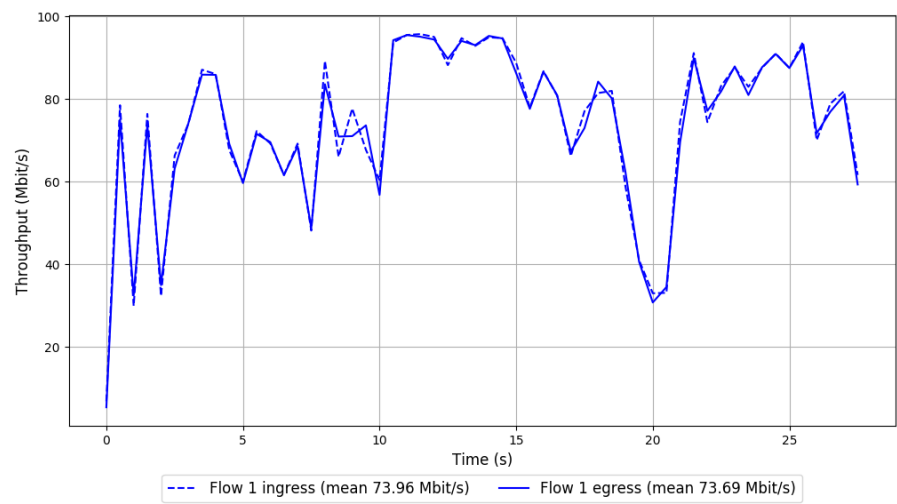
-- Flow 1:

Average throughput: 73.69 Mbit/s

95th percentile per-packet one-way delay: 34.769 ms

Loss rate: 0.58%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2017-11-15 21:28:22

End at: 2017-11-15 21:28:52

Local clock offset: -2.029 ms

Remote clock offset: 0.593 ms

Below is generated by plot.py at 2017-11-16 03:06:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.13 Mbit/s

95th percentile per-packet one-way delay: 33.262 ms

Loss rate: 0.50%

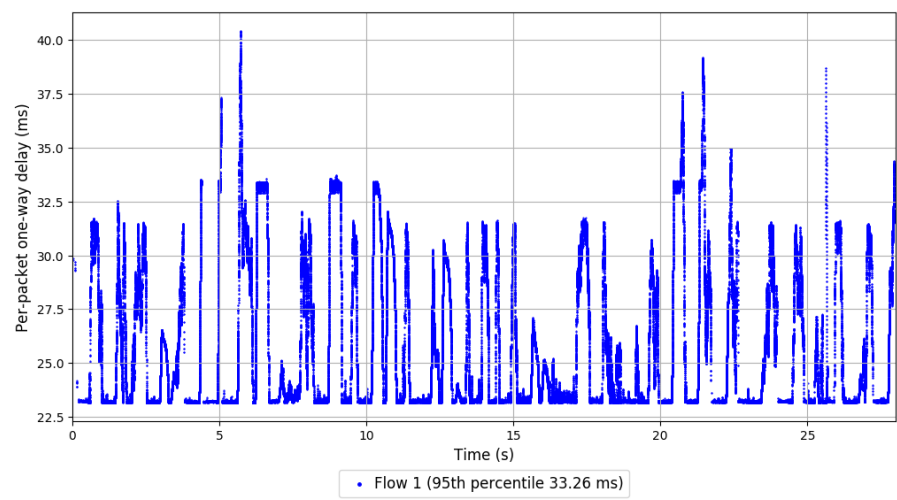
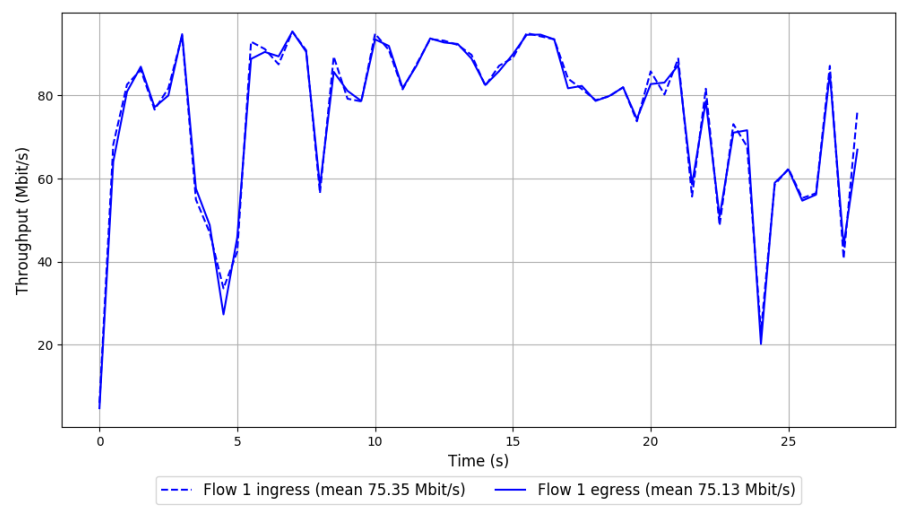
-- Flow 1:

Average throughput: 75.13 Mbit/s

95th percentile per-packet one-way delay: 33.262 ms

Loss rate: 0.50%

Run 5: Report of Copa — Data Link

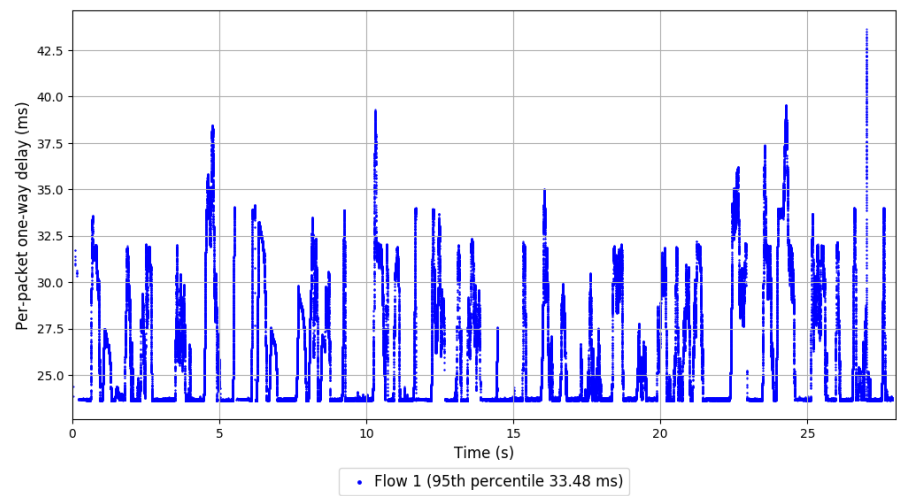
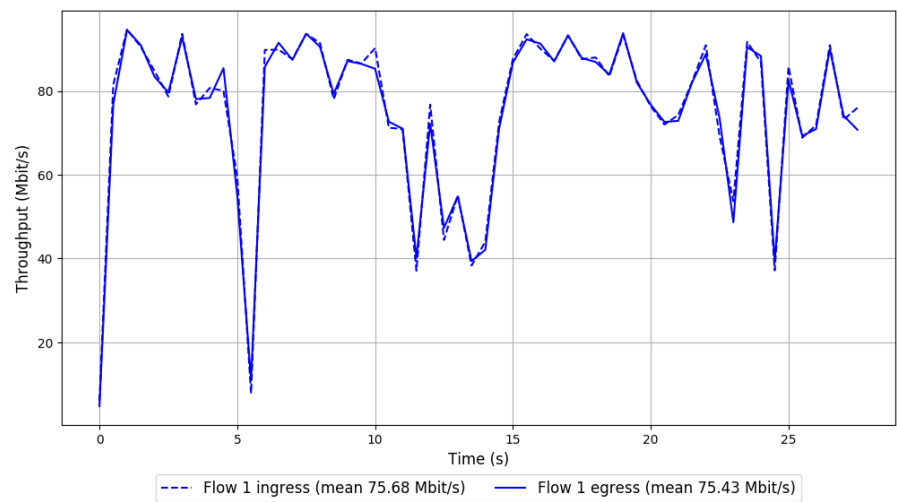


Run 6: Statistics of Copa

Start at: 2017-11-15 21:47:33
End at: 2017-11-15 21:48:03
Local clock offset: -2.297 ms
Remote clock offset: -0.578 ms

Below is generated by plot.py at 2017-11-16 03:06:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.43 Mbit/s
95th percentile per-packet one-way delay: 33.477 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 75.43 Mbit/s
95th percentile per-packet one-way delay: 33.477 ms
Loss rate: 0.53%

Run 6: Report of Copa — Data Link

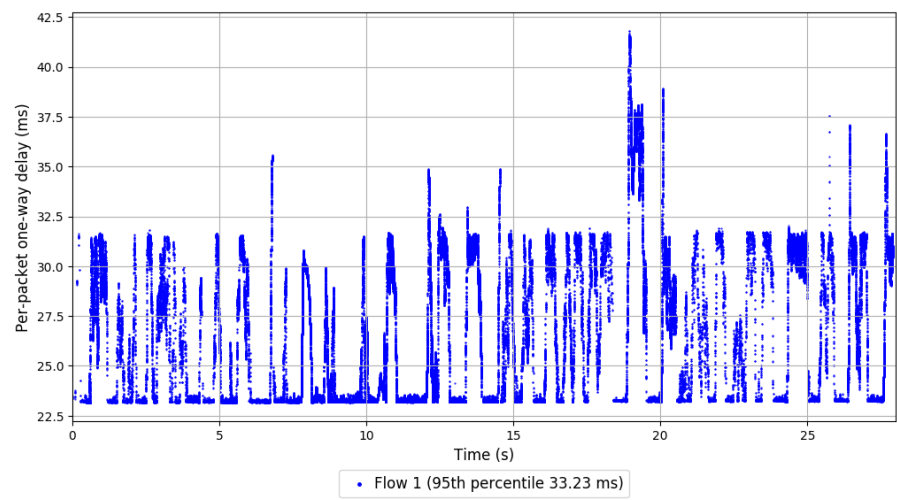
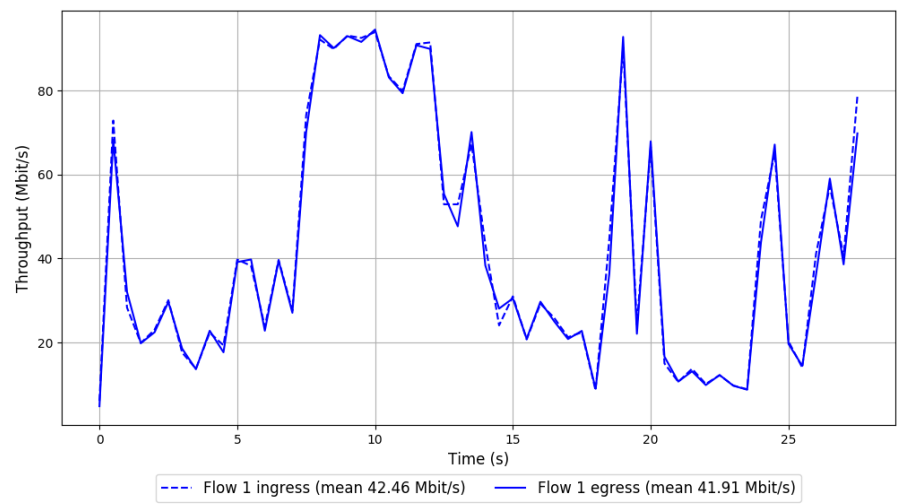


Run 7: Statistics of Copa

Start at: 2017-11-15 22:06:53
End at: 2017-11-15 22:07:23
Local clock offset: -4.05 ms
Remote clock offset: -0.074 ms

Below is generated by plot.py at 2017-11-16 03:06:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.91 Mbit/s
95th percentile per-packet one-way delay: 33.233 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 41.91 Mbit/s
95th percentile per-packet one-way delay: 33.233 ms
Loss rate: 1.48%

Run 7: Report of Copa — Data Link

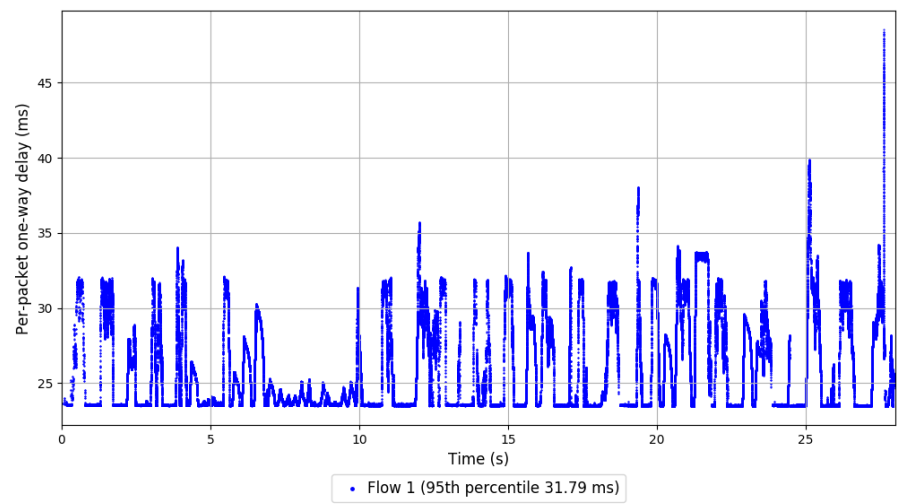
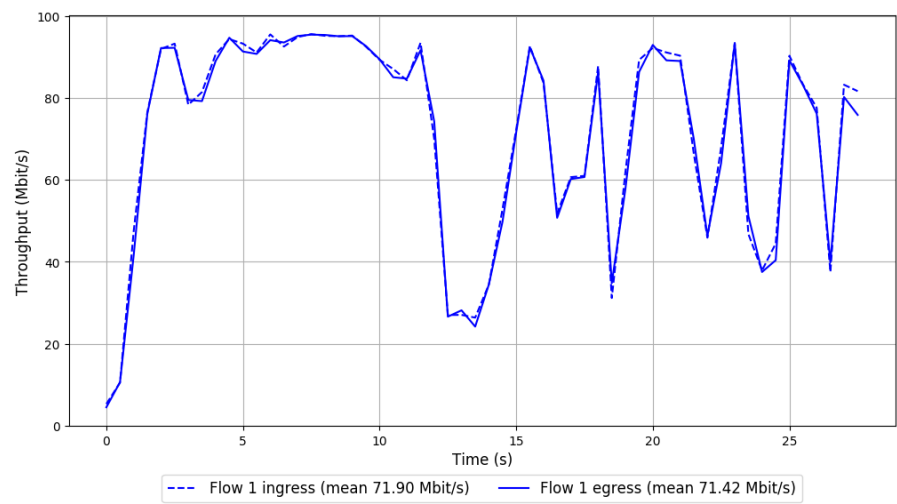


Run 8: Statistics of Copa

Start at: 2017-11-15 22:26:52
End at: 2017-11-15 22:27:22
Local clock offset: -5.05 ms
Remote clock offset: -0.292 ms

Below is generated by plot.py at 2017-11-16 03:06:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 71.42 Mbit/s
95th percentile per-packet one-way delay: 31.785 ms
Loss rate: 0.86%
-- Flow 1:
Average throughput: 71.42 Mbit/s
95th percentile per-packet one-way delay: 31.785 ms
Loss rate: 0.86%

Run 8: Report of Copa — Data Link

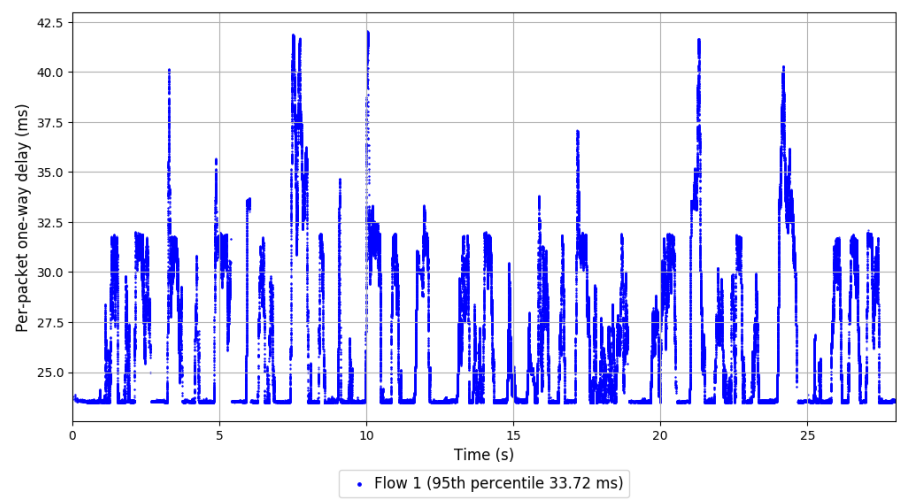
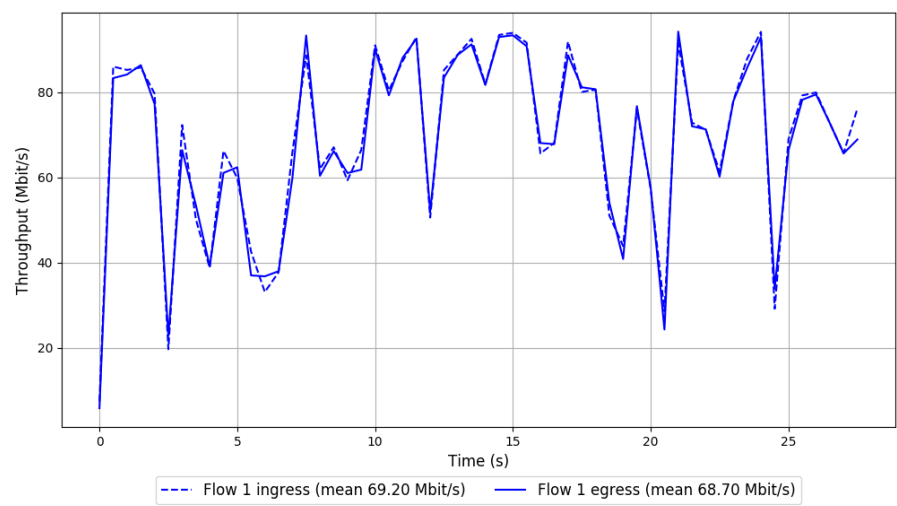


Run 9: Statistics of Copa

Start at: 2017-11-15 22:45:47
End at: 2017-11-15 22:46:17
Local clock offset: -4.543 ms
Remote clock offset: -0.445 ms

Below is generated by plot.py at 2017-11-16 03:07:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.70 Mbit/s
95th percentile per-packet one-way delay: 33.715 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 68.70 Mbit/s
95th percentile per-packet one-way delay: 33.715 ms
Loss rate: 0.91%

Run 9: Report of Copa — Data Link

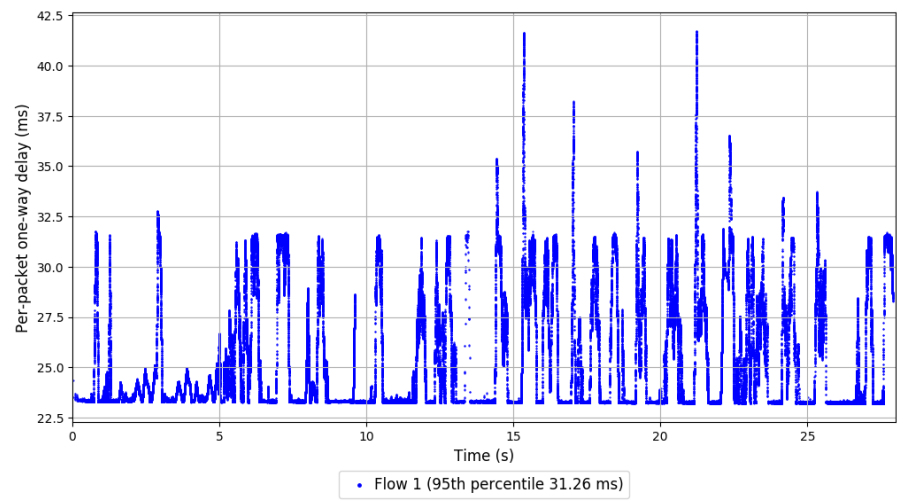
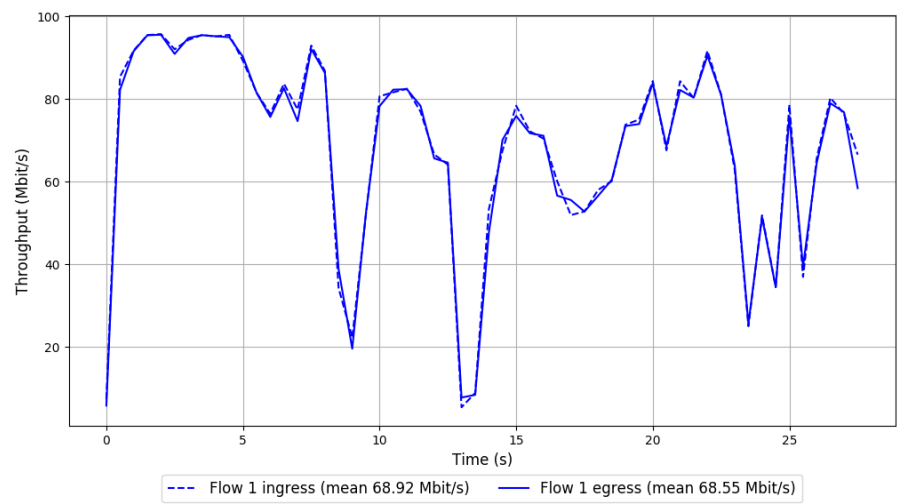


Run 10: Statistics of Copa

Start at: 2017-11-15 23:05:41
End at: 2017-11-15 23:06:11
Local clock offset: -1.901 ms
Remote clock offset: -0.275 ms

Below is generated by plot.py at 2017-11-16 03:07:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.55 Mbit/s
95th percentile per-packet one-way delay: 31.260 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 68.55 Mbit/s
95th percentile per-packet one-way delay: 31.260 ms
Loss rate: 0.73%

Run 10: Report of Copa — Data Link

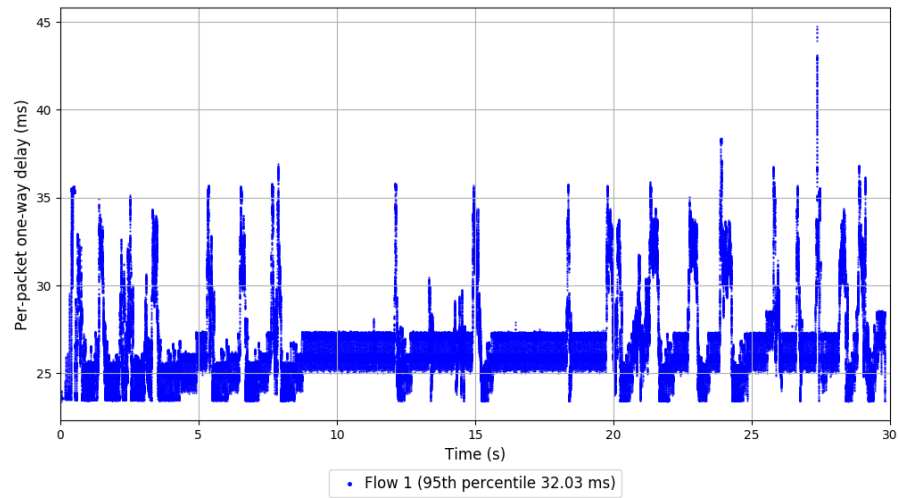
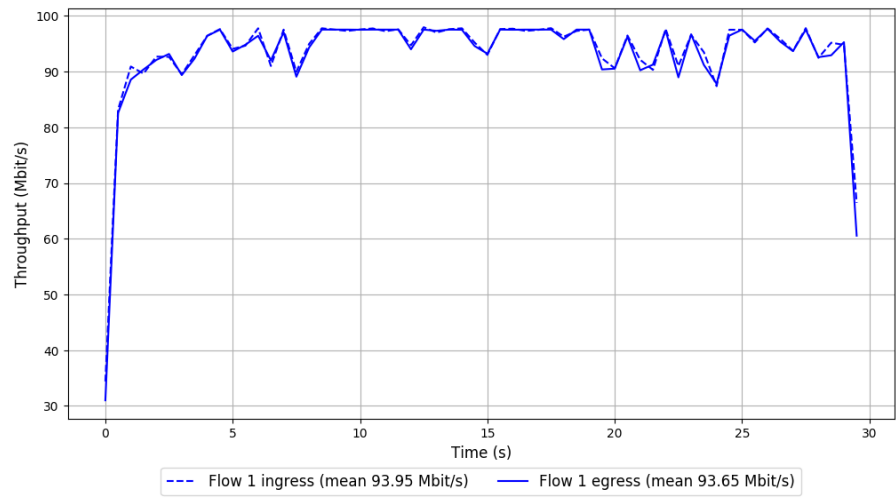


```
Run 1: Statistics of Indigo

Start at: 2017-11-15 20:23:32
End at: 2017-11-15 20:24:02
Local clock offset: -5.25 ms
Remote clock offset: -0.934 ms

# Below is generated by plot.py at 2017-11-16 03:07:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.65 Mbit/s
95th percentile per-packet one-way delay: 32.028 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 93.65 Mbit/s
95th percentile per-packet one-way delay: 32.028 ms
Loss rate: 0.49%
```


Run 1: Report of Indigo — Data Link

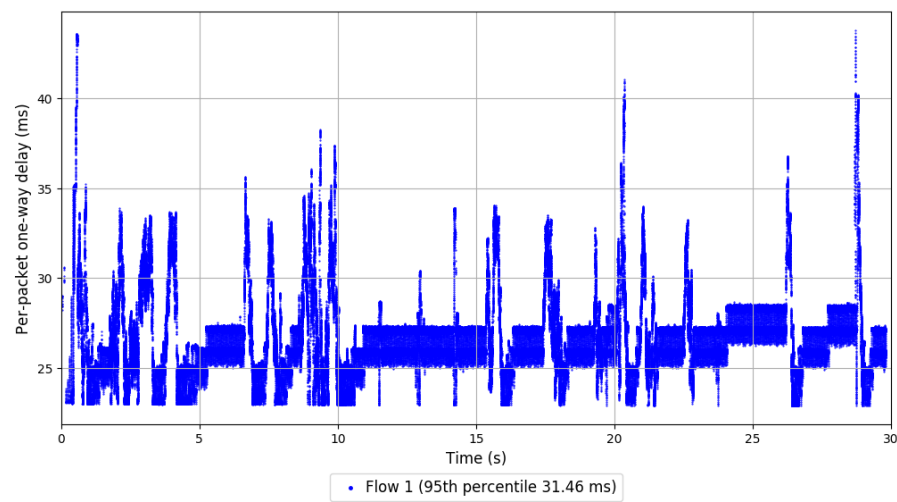
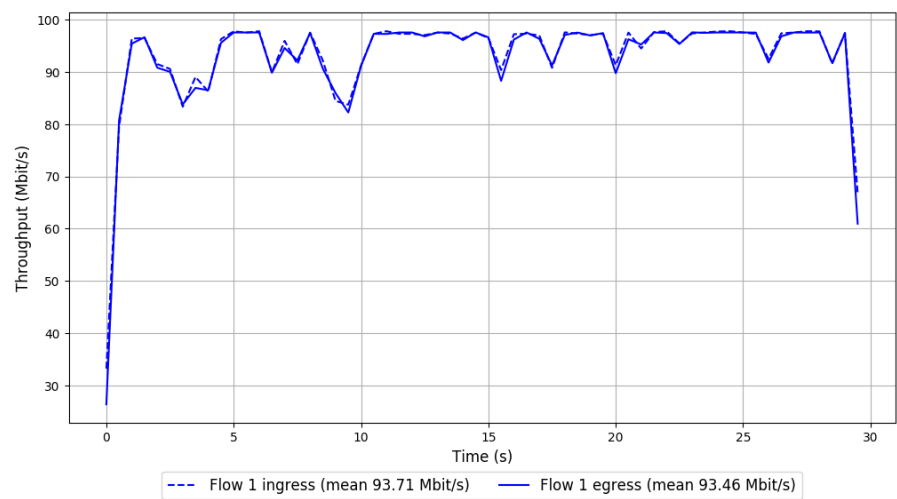


Run 2: Statistics of Indigo

Start at: 2017-11-15 20:42:23
End at: 2017-11-15 20:42:53
Local clock offset: -1.773 ms
Remote clock offset: -0.368 ms

Below is generated by plot.py at 2017-11-16 03:07:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.46 Mbit/s
95th percentile per-packet one-way delay: 31.456 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 93.46 Mbit/s
95th percentile per-packet one-way delay: 31.456 ms
Loss rate: 0.47%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2017-11-15 21:01:10

End at: 2017-11-15 21:01:40

Local clock offset: -1.513 ms

Remote clock offset: 0.272 ms

Below is generated by plot.py at 2017-11-16 03:07:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.82 Mbit/s

95th percentile per-packet one-way delay: 32.009 ms

Loss rate: 0.53%

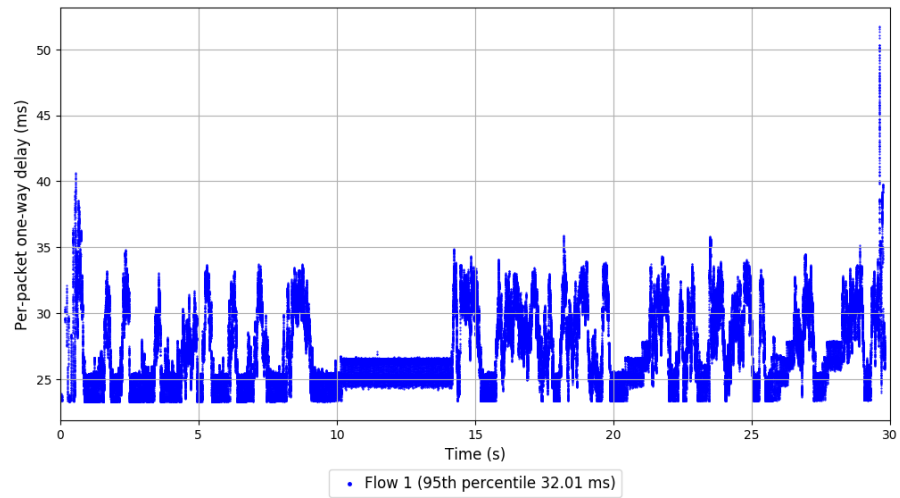
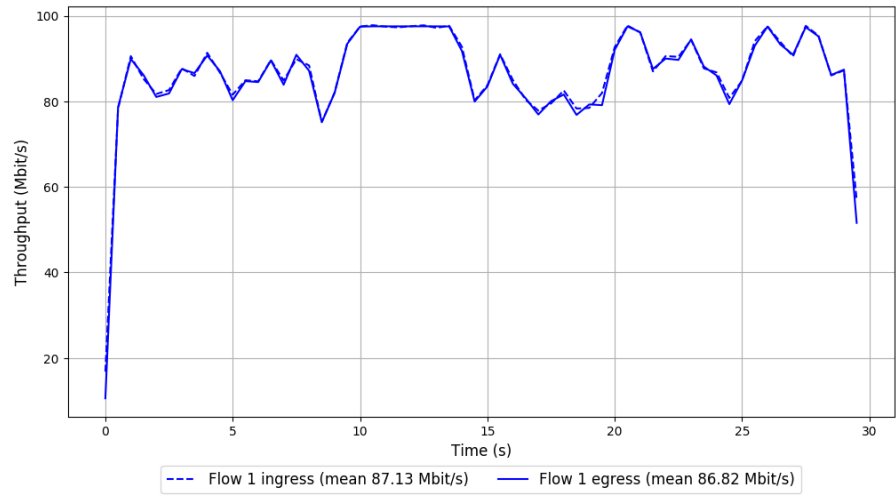
-- Flow 1:

Average throughput: 86.82 Mbit/s

95th percentile per-packet one-way delay: 32.009 ms

Loss rate: 0.53%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2017-11-15 21:20:18

End at: 2017-11-15 21:20:48

Local clock offset: -2.281 ms

Remote clock offset: 0.987 ms

Below is generated by plot.py at 2017-11-16 03:08:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.99 Mbit/s

95th percentile per-packet one-way delay: 31.535 ms

Loss rate: 0.59%

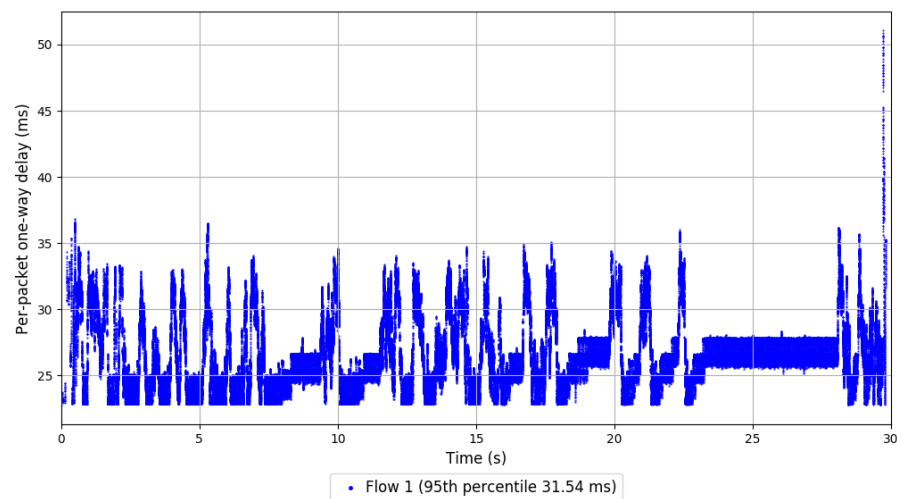
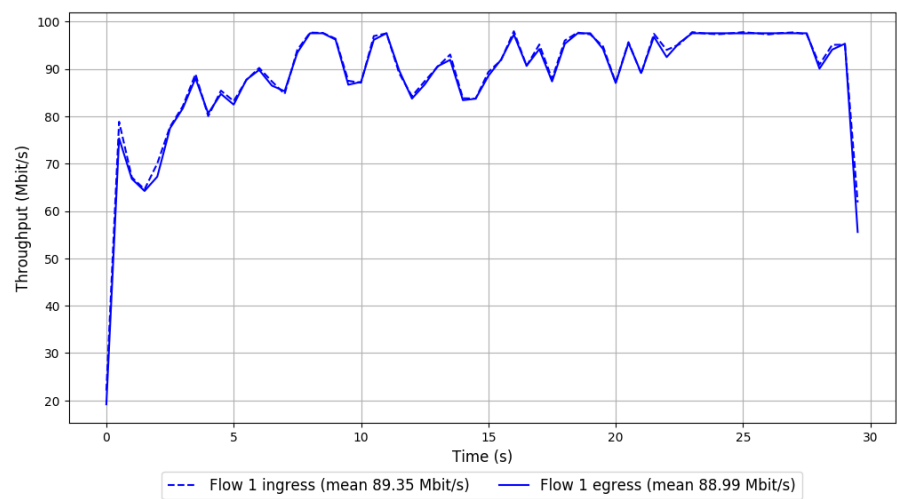
-- Flow 1:

Average throughput: 88.99 Mbit/s

95th percentile per-packet one-way delay: 31.535 ms

Loss rate: 0.59%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

Start at: 2017-11-15 21:39:19

End at: 2017-11-15 21:39:49

Local clock offset: -2.317 ms

Remote clock offset: 0.285 ms

Below is generated by plot.py at 2017-11-16 03:08:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.50 Mbit/s

95th percentile per-packet one-way delay: 32.405 ms

Loss rate: 0.85%

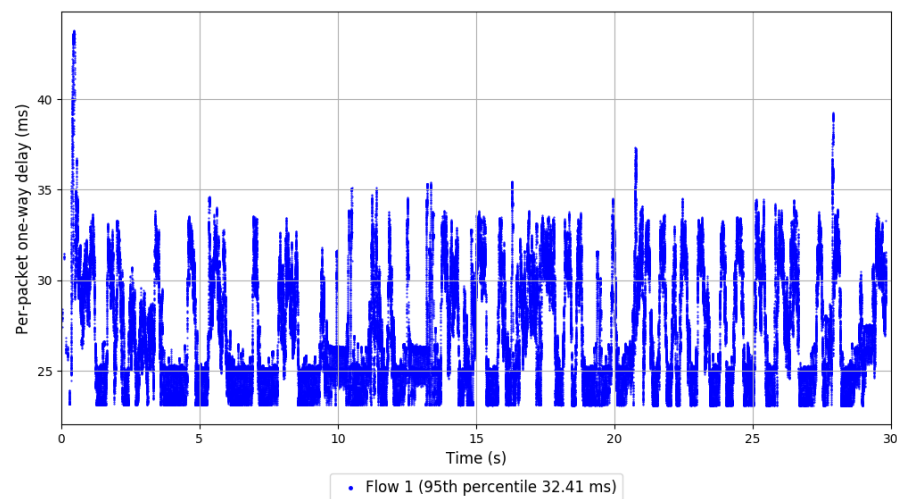
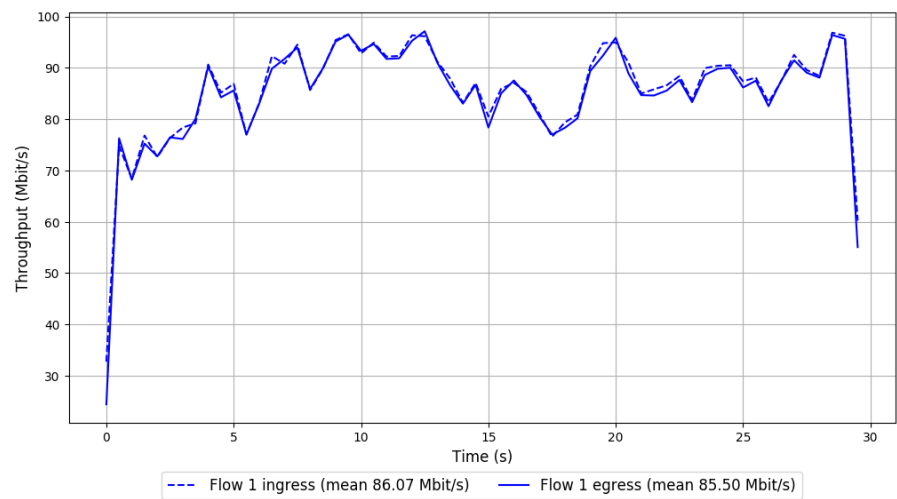
-- Flow 1:

Average throughput: 85.50 Mbit/s

95th percentile per-packet one-way delay: 32.405 ms

Loss rate: 0.85%

Run 5: Report of Indigo — Data Link



Run 6: Statistics of Indigo

Start at: 2017-11-15 21:58:30

End at: 2017-11-15 21:59:00

Local clock offset: -3.102 ms

Remote clock offset: -0.48 ms

Below is generated by plot.py at 2017-11-16 03:08:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.52 Mbit/s

95th percentile per-packet one-way delay: 32.298 ms

Loss rate: 0.54%

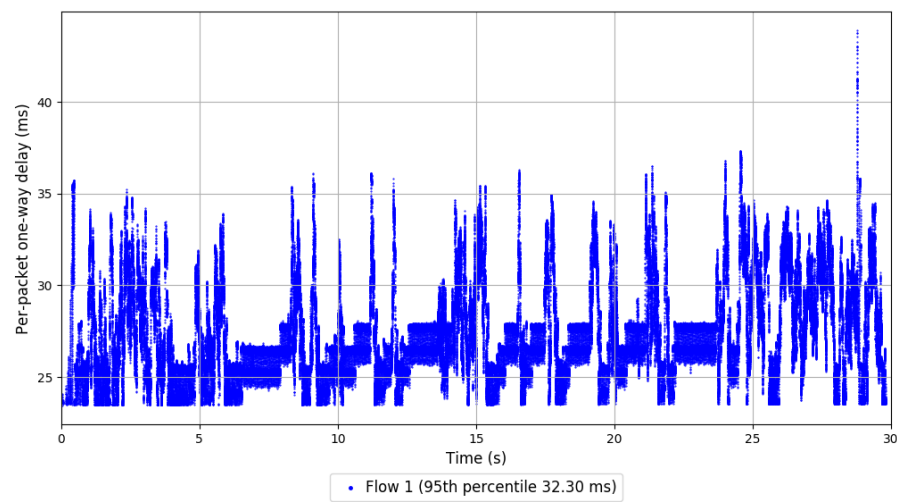
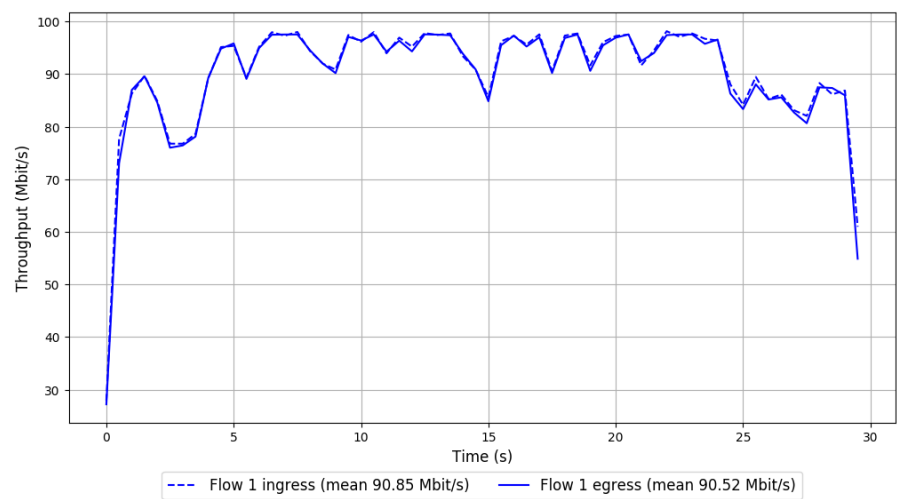
-- Flow 1:

Average throughput: 90.52 Mbit/s

95th percentile per-packet one-way delay: 32.298 ms

Loss rate: 0.54%

Run 6: Report of Indigo — Data Link

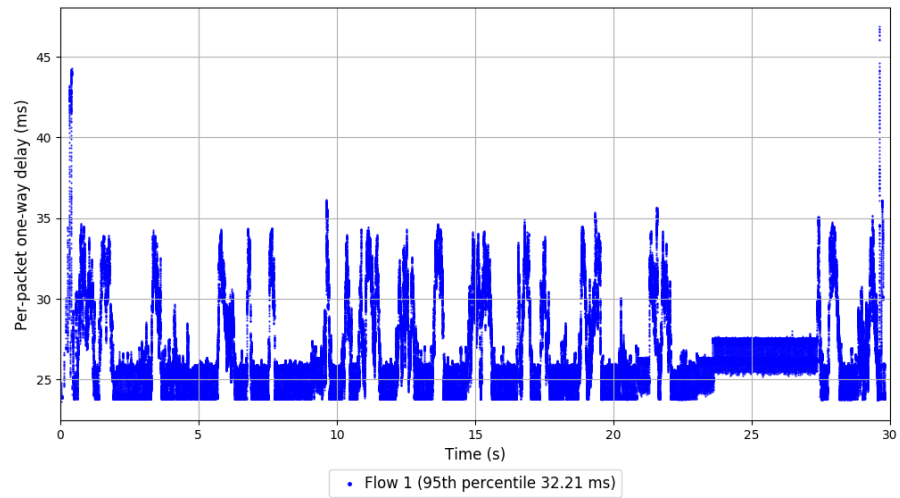
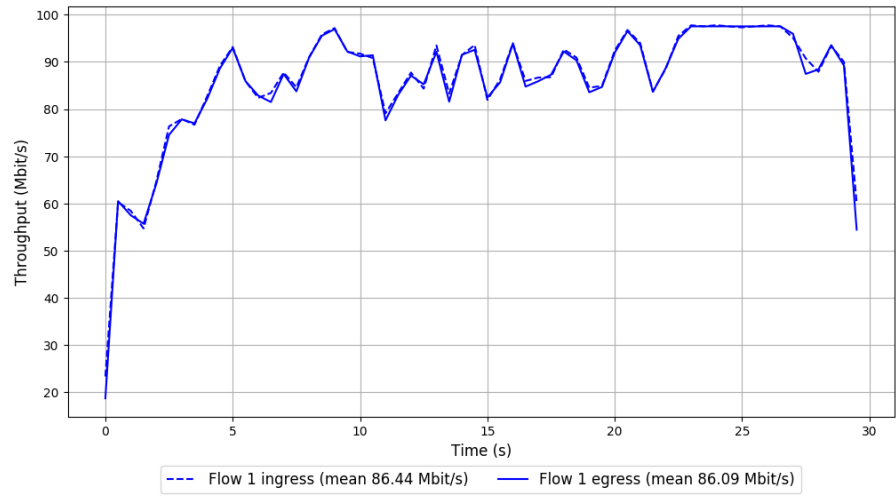


Run 7: Statistics of Indigo

Start at: 2017-11-15 22:18:24
End at: 2017-11-15 22:18:54
Local clock offset: -5.488 ms
Remote clock offset: -0.401 ms

Below is generated by plot.py at 2017-11-16 03:08:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.09 Mbit/s
95th percentile per-packet one-way delay: 32.206 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 86.09 Mbit/s
95th percentile per-packet one-way delay: 32.206 ms
Loss rate: 0.59%

Run 7: Report of Indigo — Data Link

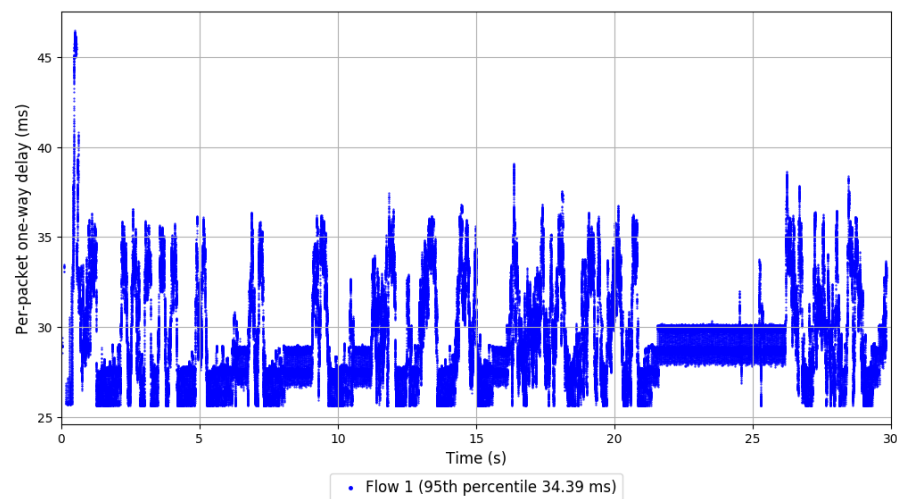
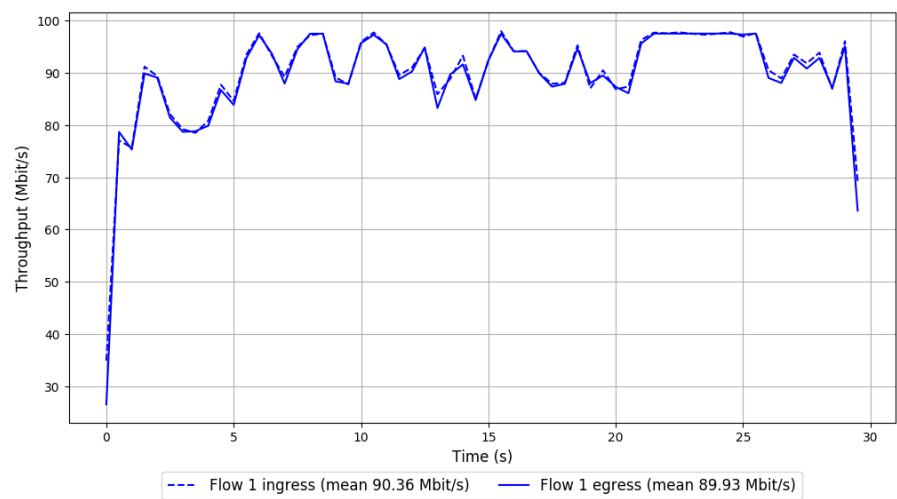


Run 8: Statistics of Indigo

Start at: 2017-11-15 22:37:47
End at: 2017-11-15 22:38:17
Local clock offset: -4.541 ms
Remote clock offset: -2.462 ms

Below is generated by plot.py at 2017-11-16 03:08:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.93 Mbit/s
95th percentile per-packet one-way delay: 34.386 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 89.93 Mbit/s
95th percentile per-packet one-way delay: 34.386 ms
Loss rate: 0.66%

Run 8: Report of Indigo — Data Link

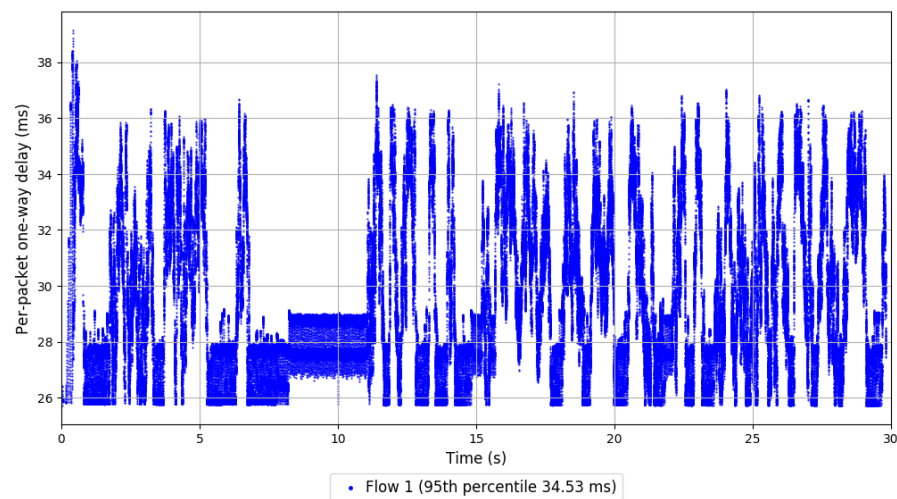
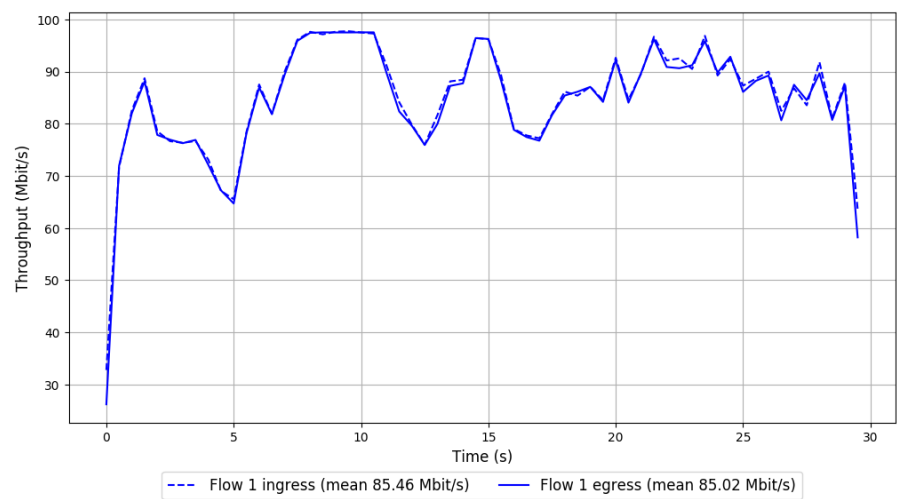


Run 9: Statistics of Indigo

Start at: 2017-11-15 22:57:23
End at: 2017-11-15 22:57:53
Local clock offset: -2.966 ms
Remote clock offset: -2.722 ms

Below is generated by plot.py at 2017-11-16 03:08:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.02 Mbit/s
95th percentile per-packet one-way delay: 34.526 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 85.02 Mbit/s
95th percentile per-packet one-way delay: 34.526 ms
Loss rate: 0.69%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2017-11-15 23:16:32

End at: 2017-11-15 23:17:02

Local clock offset: -0.702 ms

Remote clock offset: -2.114 ms

Below is generated by plot.py at 2017-11-16 03:08:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.53 Mbit/s

95th percentile per-packet one-way delay: 34.460 ms

Loss rate: 0.61%

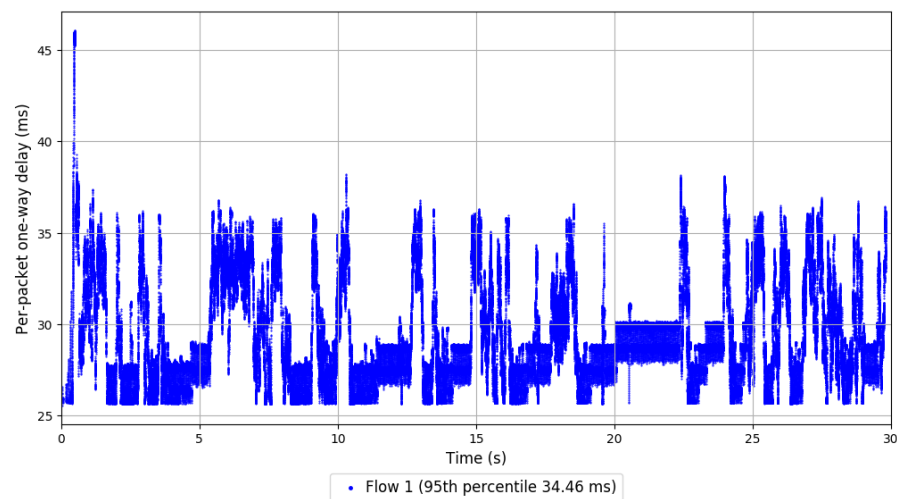
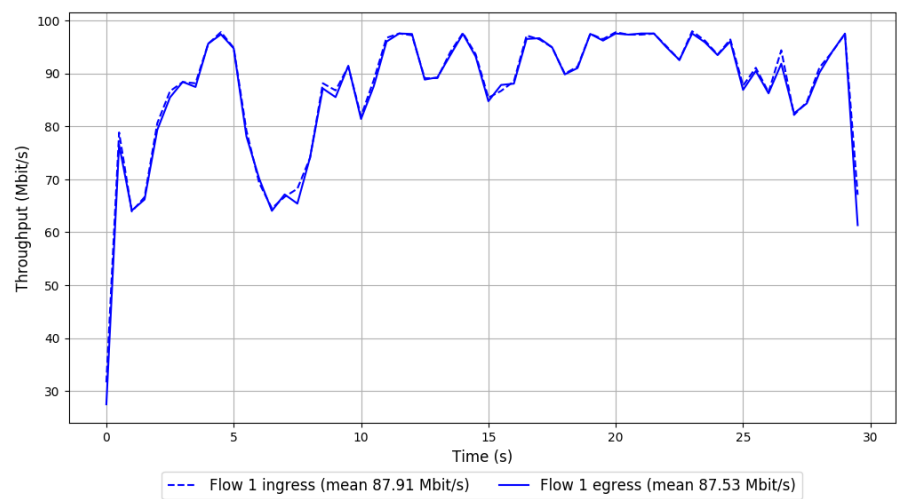
-- Flow 1:

Average throughput: 87.53 Mbit/s

95th percentile per-packet one-way delay: 34.460 ms

Loss rate: 0.61%

Run 10: Report of Indigo — Data Link

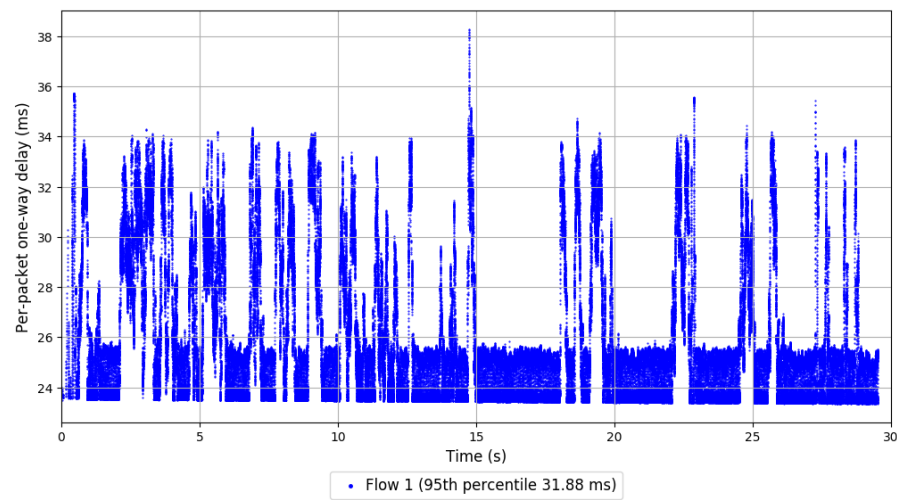
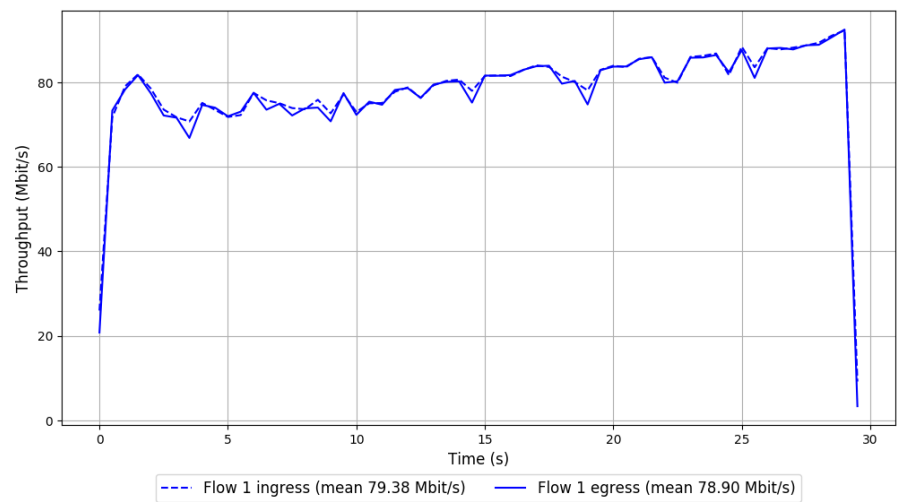


```
Run 1: Statistics of Indigo-calib

Start at: 2017-11-15 20:22:10
End at: 2017-11-15 20:22:40
Local clock offset: -5.607 ms
Remote clock offset: -0.938 ms

# Below is generated by plot.py at 2017-11-16 03:08:45
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.90 Mbit/s
95th percentile per-packet one-way delay: 31.883 ms
Loss rate: 0.78%
-- Flow 1:
Average throughput: 78.90 Mbit/s
95th percentile per-packet one-way delay: 31.883 ms
Loss rate: 0.78%
```

Run 1: Report of Indigo-calib — Data Link

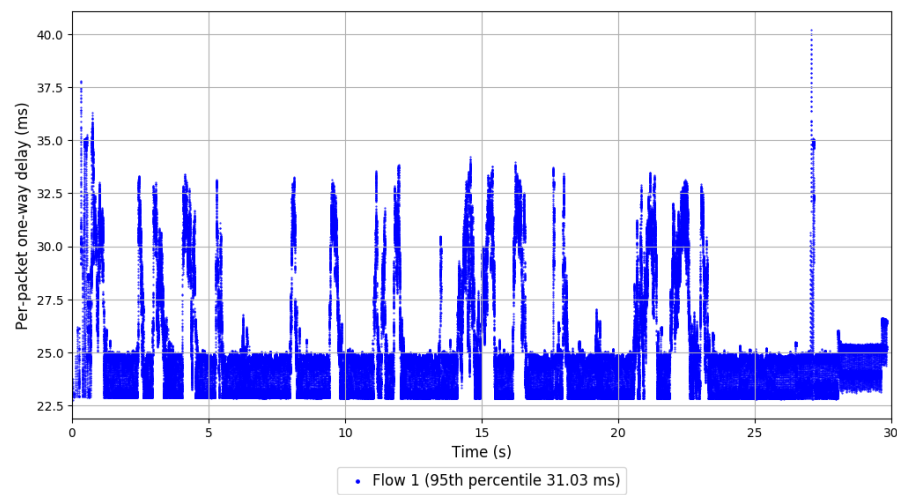
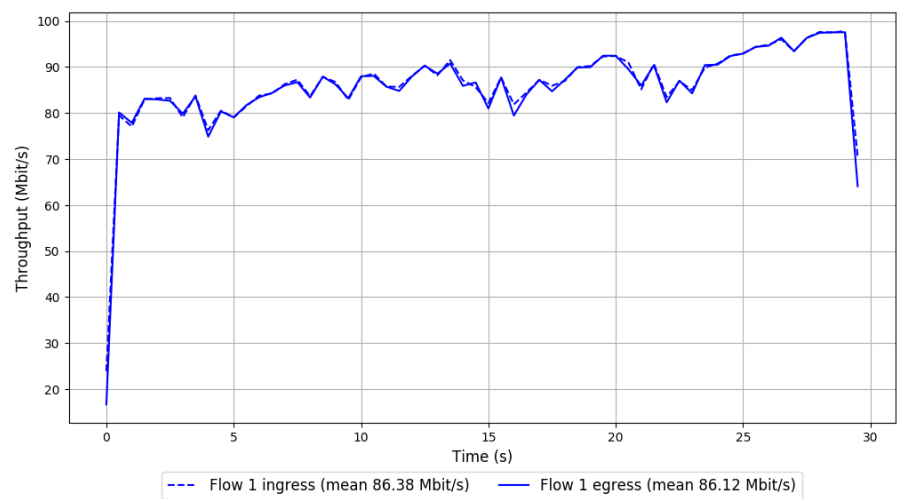


```
Run 2: Statistics of Indigo-calib

Start at: 2017-11-15 20:40:57
End at: 2017-11-15 20:41:27
Local clock offset: -1.999 ms
Remote clock offset: -0.224 ms

# Below is generated by plot.py at 2017-11-16 03:09:22
# Datalink statistics
-- Total of 1 flow:
Average throughput: 86.12 Mbit/s
95th percentile per-packet one-way delay: 31.030 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 86.12 Mbit/s
95th percentile per-packet one-way delay: 31.030 ms
Loss rate: 0.48%
```

Run 2: Report of Indigo-calib — Data Link

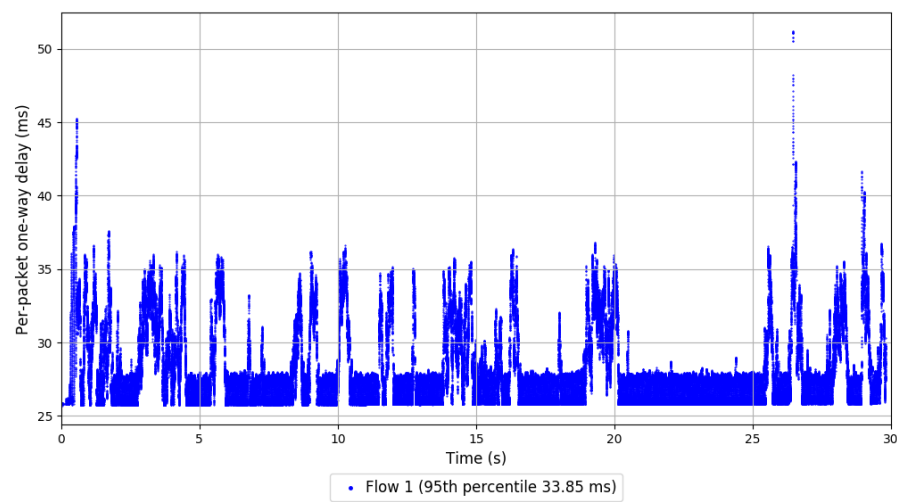
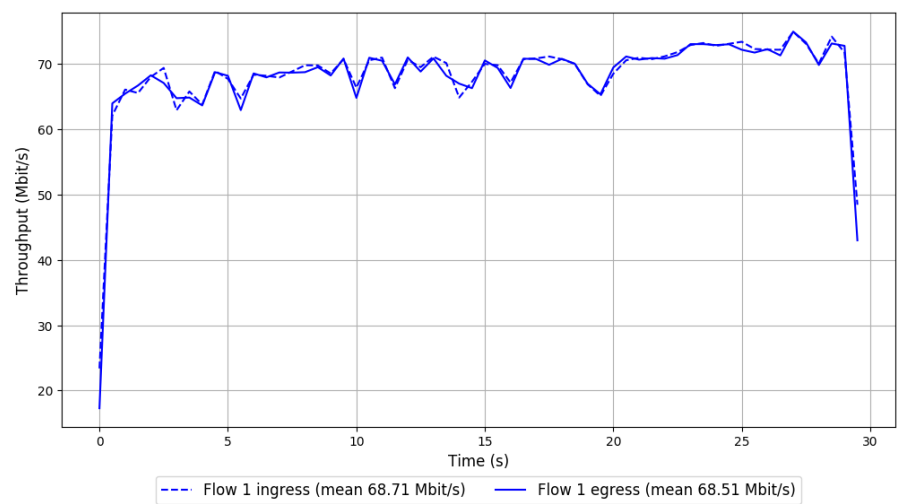


Run 3: Statistics of Indigo-calib

Start at: 2017-11-15 20:59:49
End at: 2017-11-15 21:00:19
Local clock offset: -1.242 ms
Remote clock offset: -2.183 ms

Below is generated by plot.py at 2017-11-16 03:09:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.51 Mbit/s
95th percentile per-packet one-way delay: 33.851 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 68.51 Mbit/s
95th percentile per-packet one-way delay: 33.851 ms
Loss rate: 0.46%

Run 3: Report of Indigo-calib — Data Link



Run 4: Statistics of Indigo-calib

Start at: 2017-11-15 21:18:54

End at: 2017-11-15 21:19:24

Local clock offset: -2.445 ms

Remote clock offset: -1.779 ms

Below is generated by plot.py at 2017-11-16 03:09:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.49 Mbit/s

95th percentile per-packet one-way delay: 33.964 ms

Loss rate: 0.68%

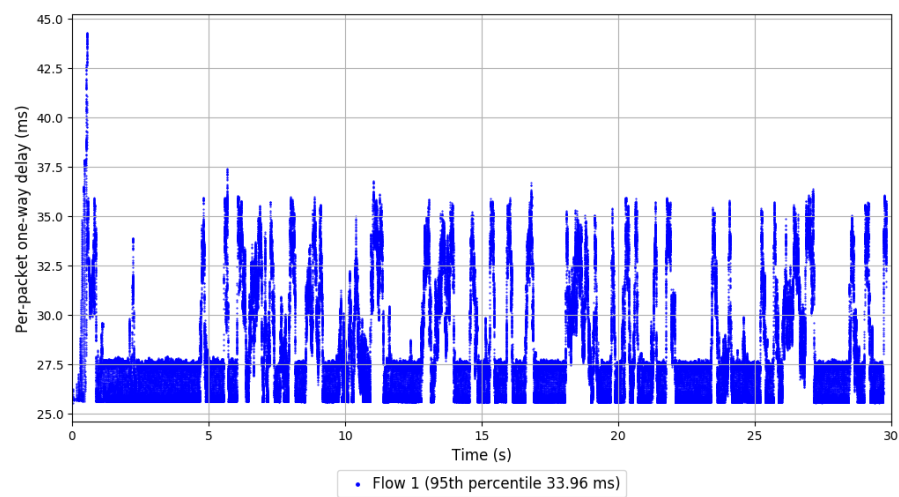
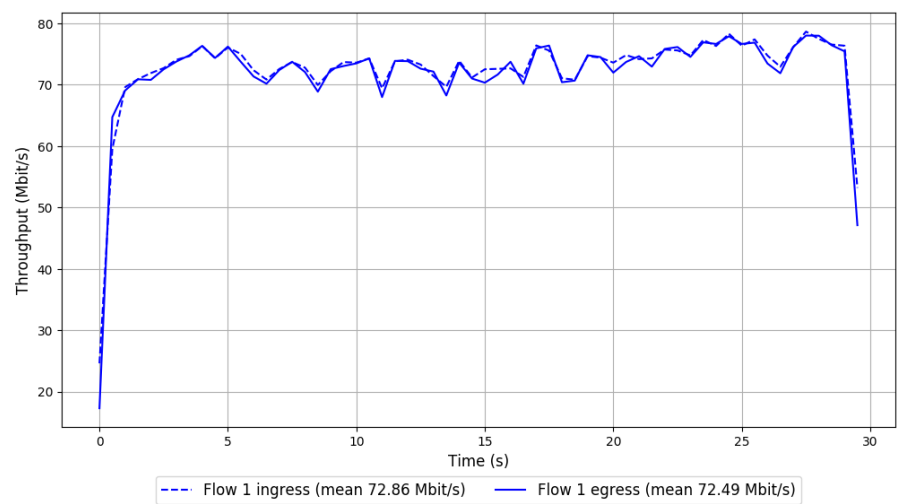
-- Flow 1:

Average throughput: 72.49 Mbit/s

95th percentile per-packet one-way delay: 33.964 ms

Loss rate: 0.68%

Run 4: Report of Indigo-calib — Data Link

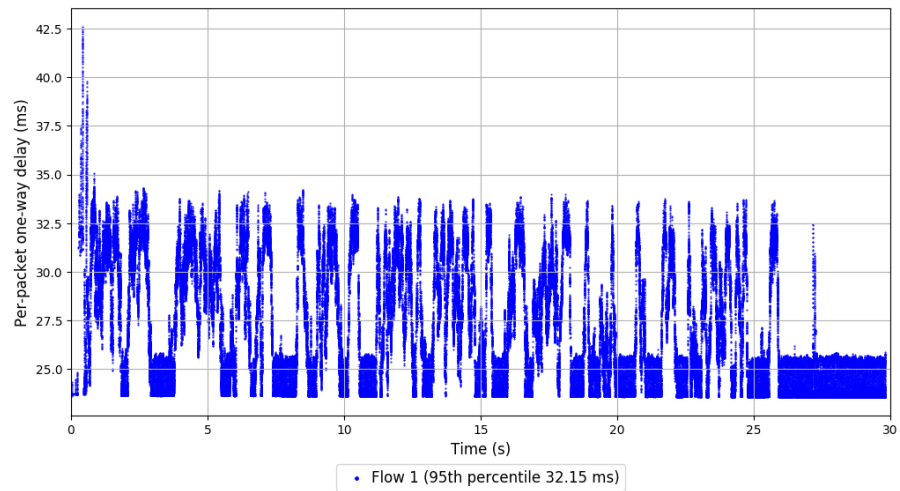
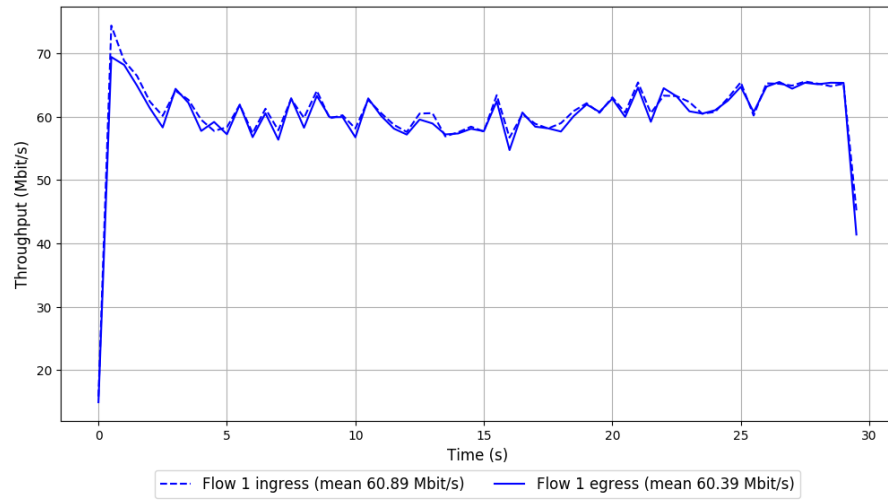


Run 5: Statistics of Indigo-calib

Start at: 2017-11-15 21:37:51
End at: 2017-11-15 21:38:21
Local clock offset: -2.495 ms
Remote clock offset: -0.209 ms

Below is generated by plot.py at 2017-11-16 03:09:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 60.39 Mbit/s
95th percentile per-packet one-way delay: 32.145 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 60.39 Mbit/s
95th percentile per-packet one-way delay: 32.145 ms
Loss rate: 0.99%

Run 5: Report of Indigo-calib — Data Link

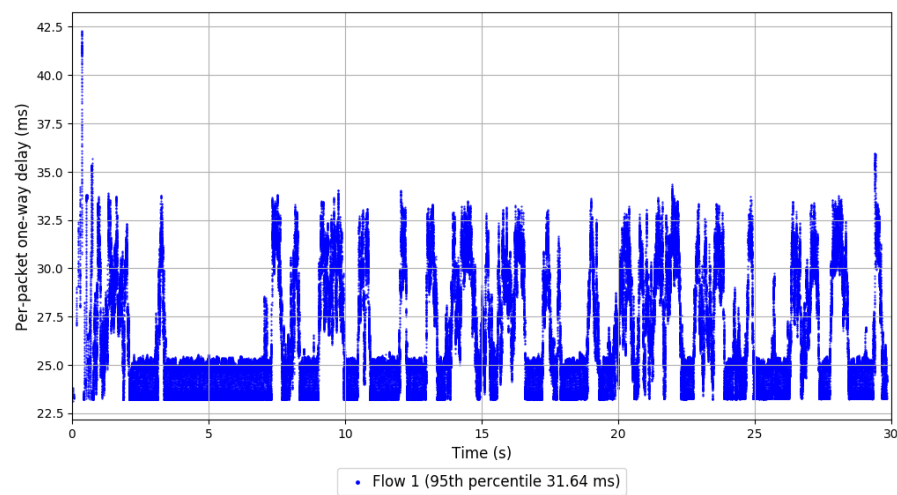
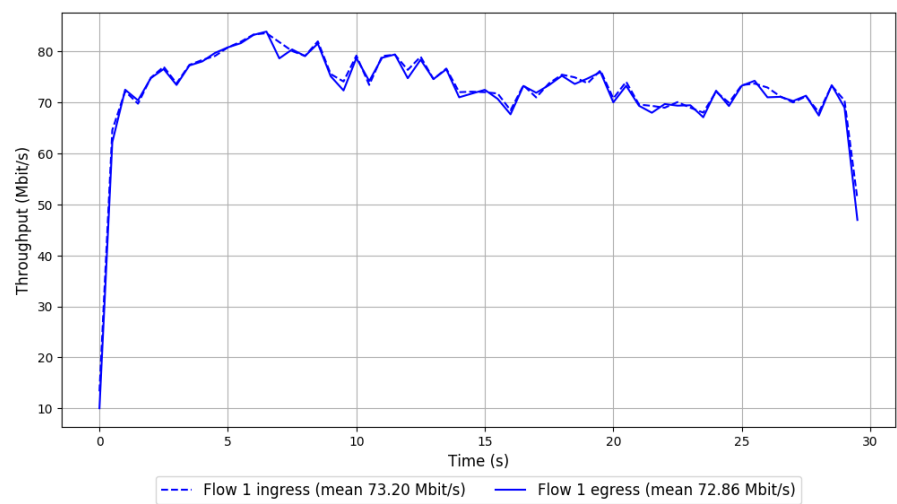


Run 6: Statistics of Indigo-calib

Start at: 2017-11-15 21:57:01
End at: 2017-11-15 21:57:31
Local clock offset: -2.967 ms
Remote clock offset: -0.245 ms

Below is generated by plot.py at 2017-11-16 03:09:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.86 Mbit/s
95th percentile per-packet one-way delay: 31.642 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 72.86 Mbit/s
95th percentile per-packet one-way delay: 31.642 ms
Loss rate: 0.64%

Run 6: Report of Indigo-calib — Data Link

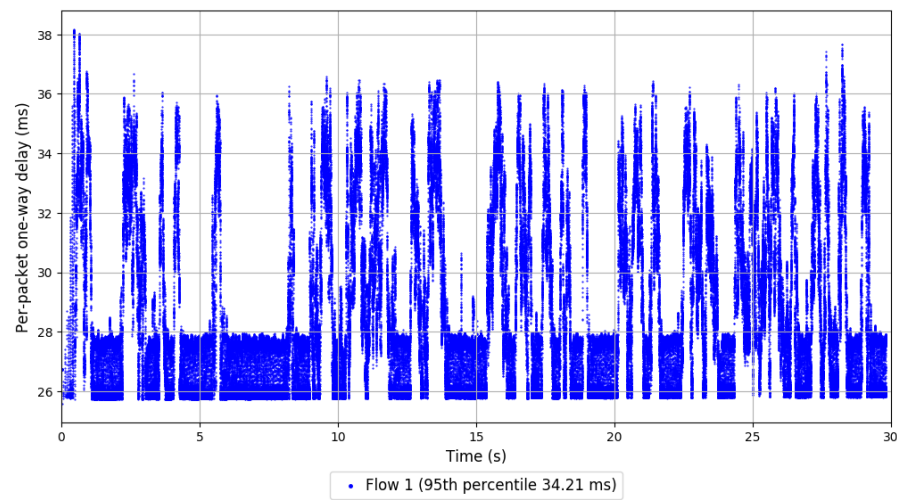
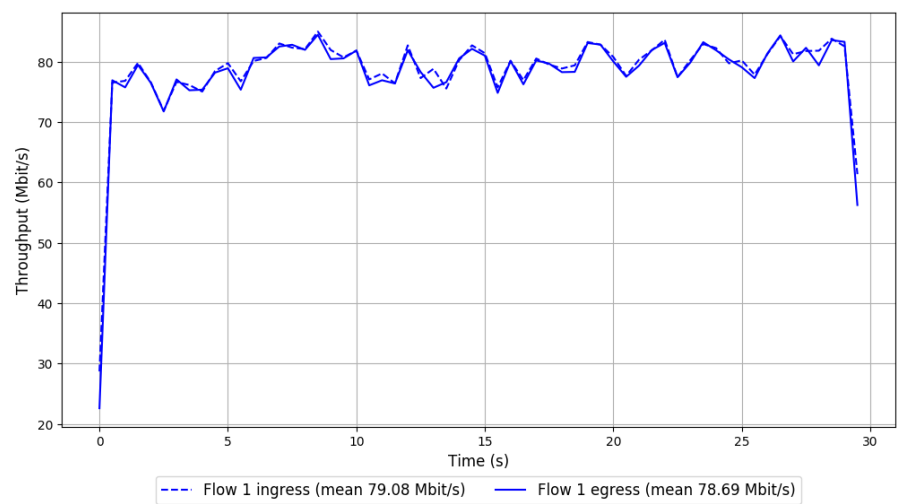


Run 7: Statistics of Indigo-calib

Start at: 2017-11-15 22:16:57
End at: 2017-11-15 22:17:27
Local clock offset: -5.258 ms
Remote clock offset: -2.322 ms

Below is generated by plot.py at 2017-11-16 03:09:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.69 Mbit/s
95th percentile per-packet one-way delay: 34.212 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 78.69 Mbit/s
95th percentile per-packet one-way delay: 34.212 ms
Loss rate: 0.67%

Run 7: Report of Indigo-calib — Data Link



Run 8: Statistics of Indigo-calib

Start at: 2017-11-15 22:36:24

End at: 2017-11-15 22:36:54

Local clock offset: -4.481 ms

Remote clock offset: -2.467 ms

Below is generated by plot.py at 2017-11-16 03:09:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.68 Mbit/s

95th percentile per-packet one-way delay: 34.326 ms

Loss rate: 0.56%

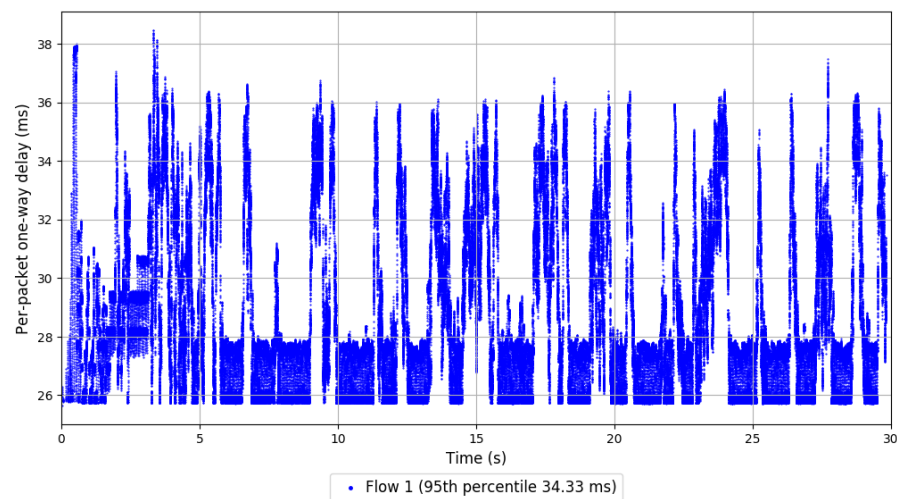
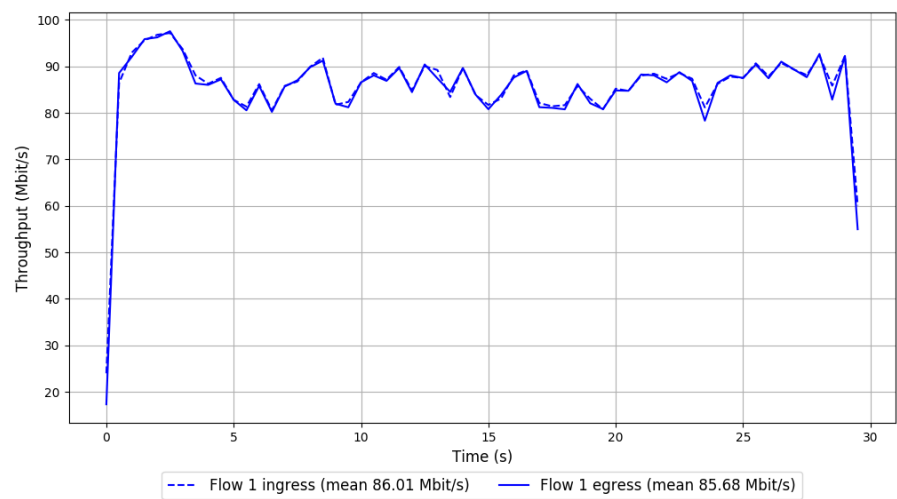
-- Flow 1:

Average throughput: 85.68 Mbit/s

95th percentile per-packet one-way delay: 34.326 ms

Loss rate: 0.56%

Run 8: Report of Indigo-calib — Data Link

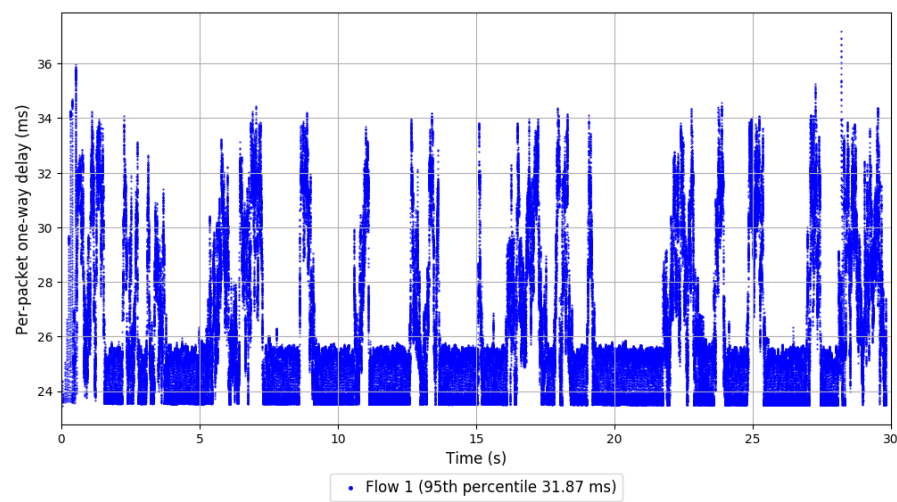
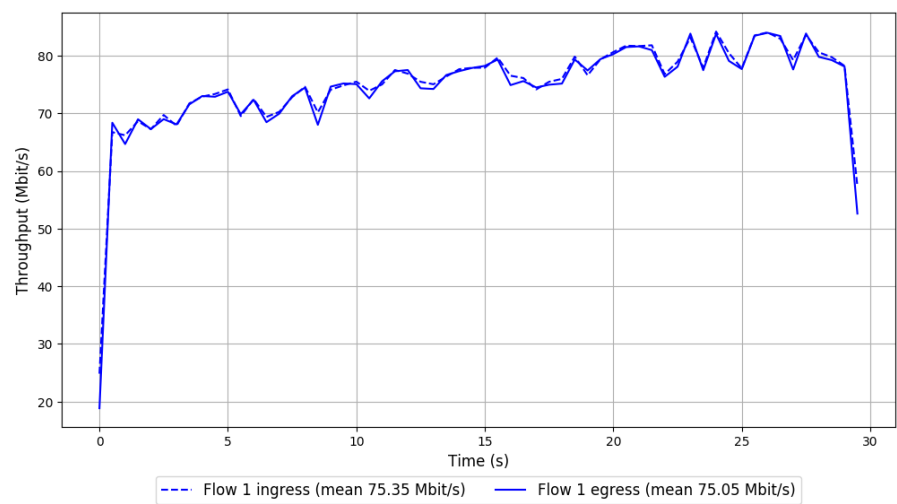


Run 9: Statistics of Indigo-calib

Start at: 2017-11-15 22:55:50
End at: 2017-11-15 22:56:20
Local clock offset: -3.288 ms
Remote clock offset: -0.609 ms

Below is generated by plot.py at 2017-11-16 03:09:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.05 Mbit/s
95th percentile per-packet one-way delay: 31.874 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 75.05 Mbit/s
95th percentile per-packet one-way delay: 31.874 ms
Loss rate: 0.59%

Run 9: Report of Indigo-calib — Data Link



Run 10: Statistics of Indigo-calib

Start at: 2017-11-15 23:15:05

End at: 2017-11-15 23:15:35

Local clock offset: -0.751 ms

Remote clock offset: 0.239 ms

Below is generated by plot.py at 2017-11-16 03:09:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.27 Mbit/s

95th percentile per-packet one-way delay: 31.570 ms

Loss rate: 0.62%

-- Flow 1:

Average throughput: 74.27 Mbit/s

95th percentile per-packet one-way delay: 31.570 ms

Loss rate: 0.62%

Run 10: Report of Indigo-calib — Data Link

