

Pantheon Report

Generated at 2018-02-20 04:45:48 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

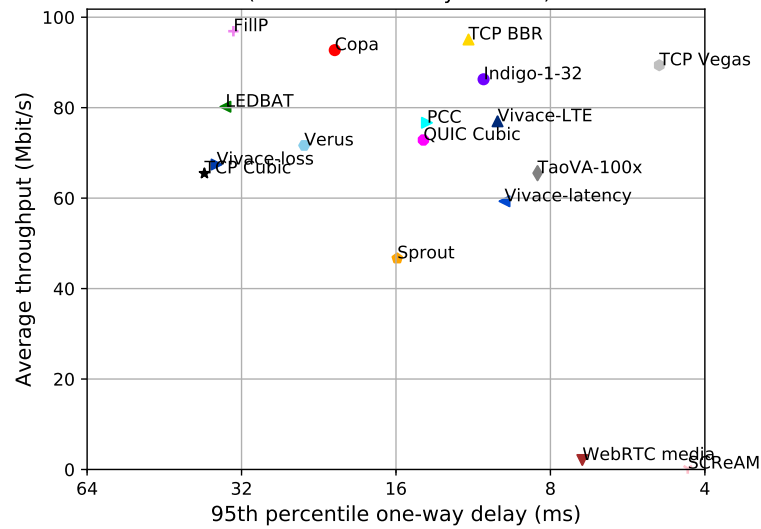
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

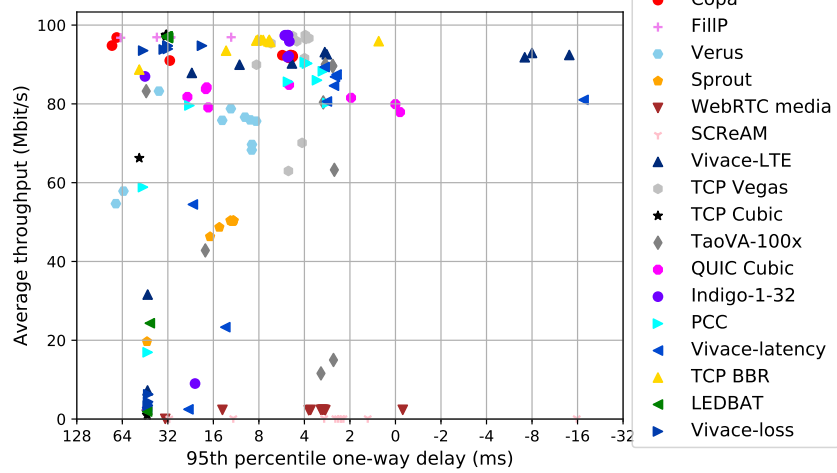
Git summary:

```
branch: master @ f12c42a2c63fdd9a862eefa0468859bf379b6623
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
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-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
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/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webRTC @ a488197ddd041ace68a42849b2540ad834825f42
```

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



test from AWS Brazil 1 Ethernet to Brazil Ethernet, 10 runs of 30s each per scheme



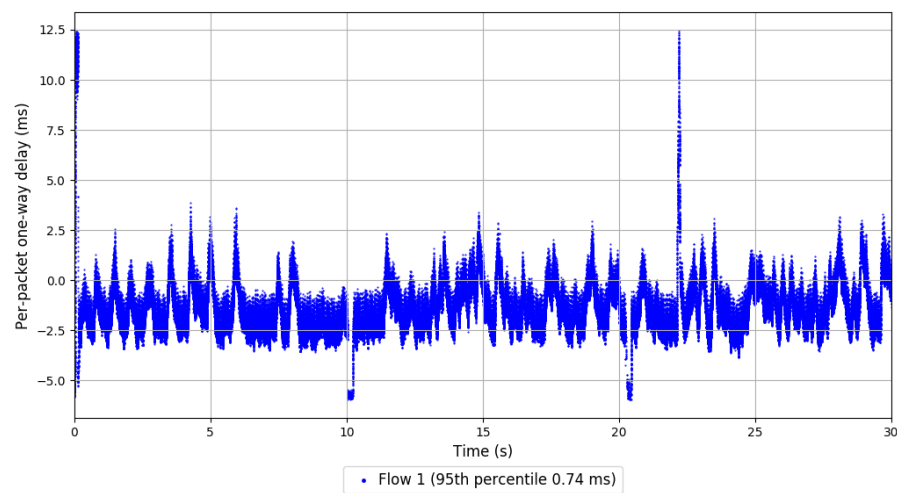
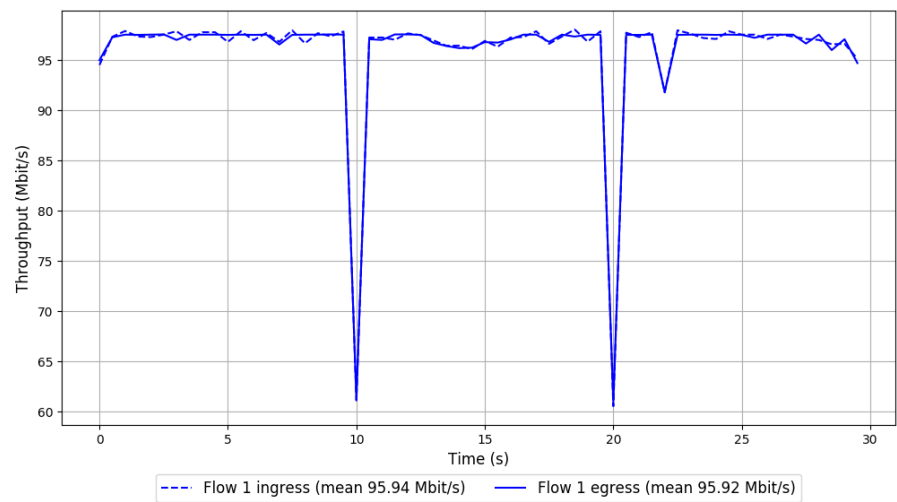
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	95.08	11.55	0.32
TCP Cubic	10	65.47	37.80	1.44
LEDBAT	10	80.21	34.40	0.48
PCC	10	76.66	13.93	0.25
QUIC Cubic	9	72.85	14.15	0.63
SCReAM	10	0.21	4.32	0.05
WebRTC media	10	2.09	6.93	0.15
Sprout	10	46.68	15.91	0.02
TaoVA-100x	10	65.52	8.48	0.78
TCP Vegas	10	89.37	4.91	0.00
Verus	10	71.65	24.16	3.16
Copa	10	92.72	21.06	18.02
FillP	10	96.91	33.19	12.47
Indigo-1-32	10	86.28	10.80	0.81
Vivace-latency	10	59.30	9.83	1.11
Vivace-loss	10	67.43	35.79	5.11
Vivace-LTE	10	76.99	10.14	0.91

Run 1: Statistics of TCP BBR

Start at: 2018-02-20 00:48:19
End at: 2018-02-20 00:48:49
Local clock offset: -7.134 ms
Remote clock offset: -8.827 ms

Below is generated by plot.py at 2018-02-20 04:22:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.92 Mbit/s
95th percentile per-packet one-way delay: 0.737 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.92 Mbit/s
95th percentile per-packet one-way delay: 0.737 ms
Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link

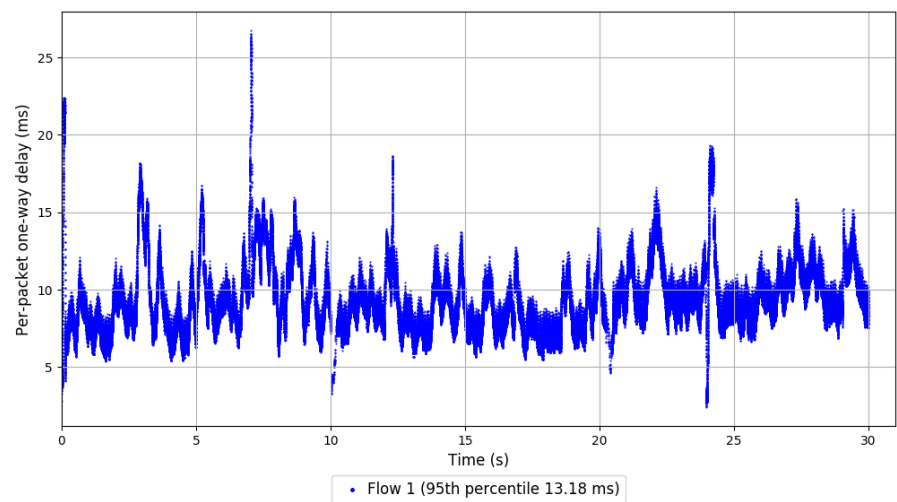
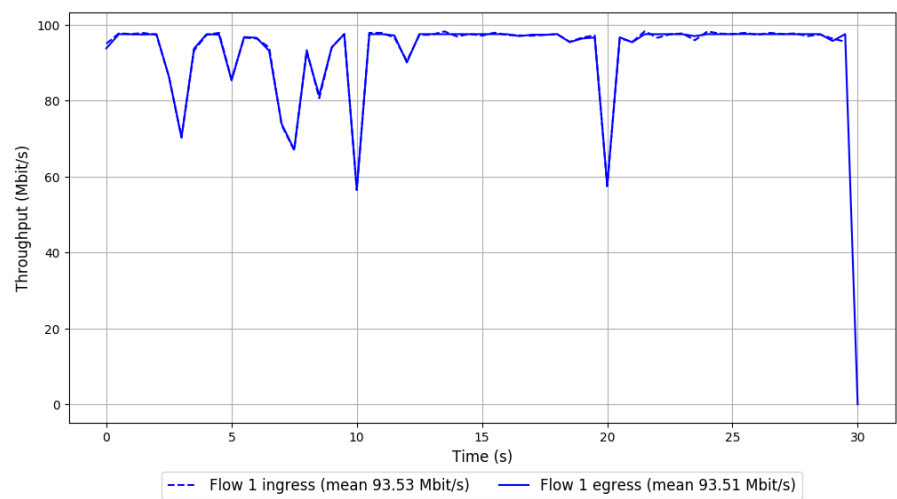


Run 2: Statistics of TCP BBR

Start at: 2018-02-20 01:08:55
End at: 2018-02-20 01:09:25
Local clock offset: -7.777 ms
Remote clock offset: -2.816 ms

Below is generated by plot.py at 2018-02-20 04:22:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.51 Mbit/s
95th percentile per-packet one-way delay: 13.180 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 93.51 Mbit/s
95th percentile per-packet one-way delay: 13.180 ms
Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link

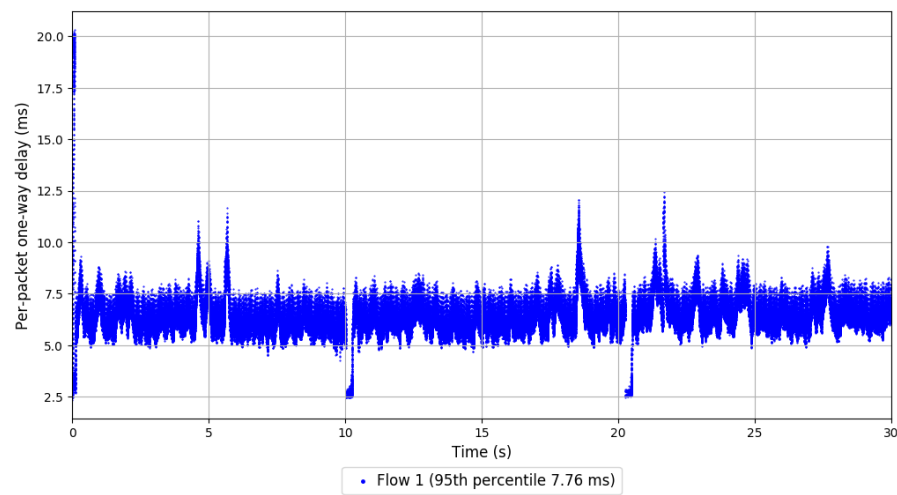
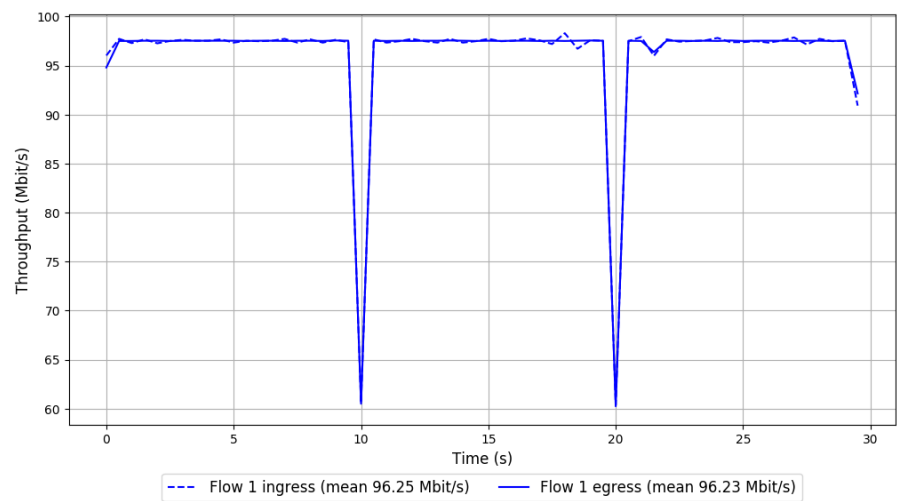


Run 3: Statistics of TCP BBR

Start at: 2018-02-20 01:29:17
End at: 2018-02-20 01:29:47
Local clock offset: -5.037 ms
Remote clock offset: -5.633 ms

Below is generated by plot.py at 2018-02-20 04:22:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 7.760 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.23 Mbit/s
95th percentile per-packet one-way delay: 7.760 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

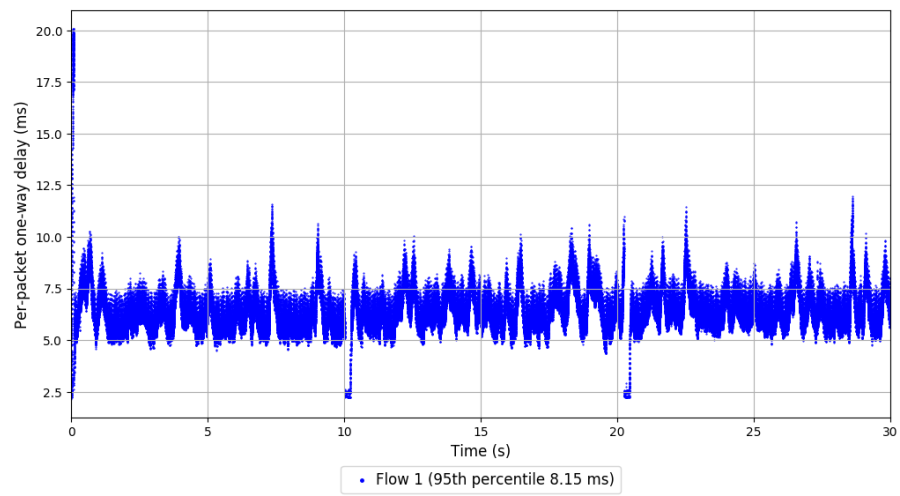
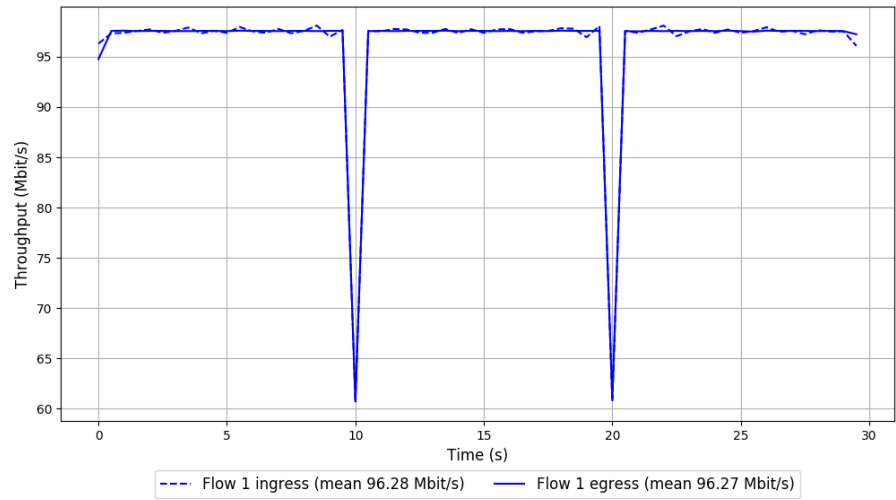


Run 4: Statistics of TCP BBR

Start at: 2018-02-20 01:49:20
End at: 2018-02-20 01:49:50
Local clock offset: -3.346 ms
Remote clock offset: -5.808 ms

Below is generated by plot.py at 2018-02-20 04:22:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.27 Mbit/s
95th percentile per-packet one-way delay: 8.150 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.27 Mbit/s
95th percentile per-packet one-way delay: 8.150 ms
Loss rate: 0.00%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-02-20 02:09:23

End at: 2018-02-20 02:09:53

Local clock offset: -6.345 ms

Remote clock offset: -5.912 ms

Below is generated by plot.py at 2018-02-20 04:22:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.07 Mbit/s

95th percentile per-packet one-way delay: 8.321 ms

Loss rate: 0.00%

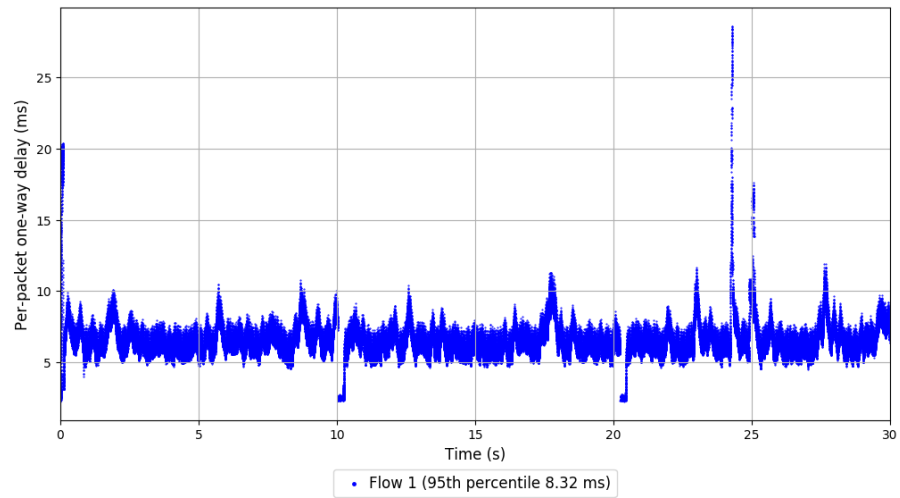
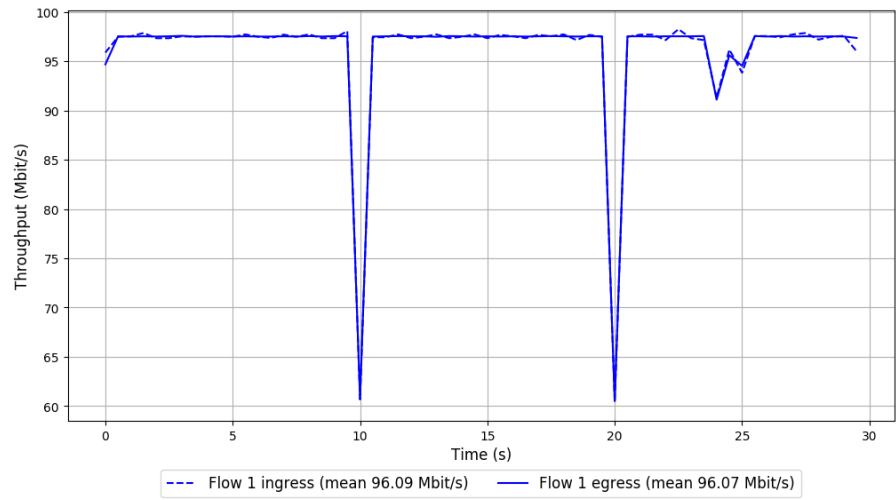
-- Flow 1:

Average throughput: 96.07 Mbit/s

95th percentile per-packet one-way delay: 8.321 ms

Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-02-20 02:29:40

End at: 2018-02-20 02:30:10

Local clock offset: -6.65 ms

Remote clock offset: -0.427 ms

Below is generated by plot.py at 2018-02-20 04:22:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.71 Mbit/s

95th percentile per-packet one-way delay: 49.433 ms

Loss rate: 3.10%

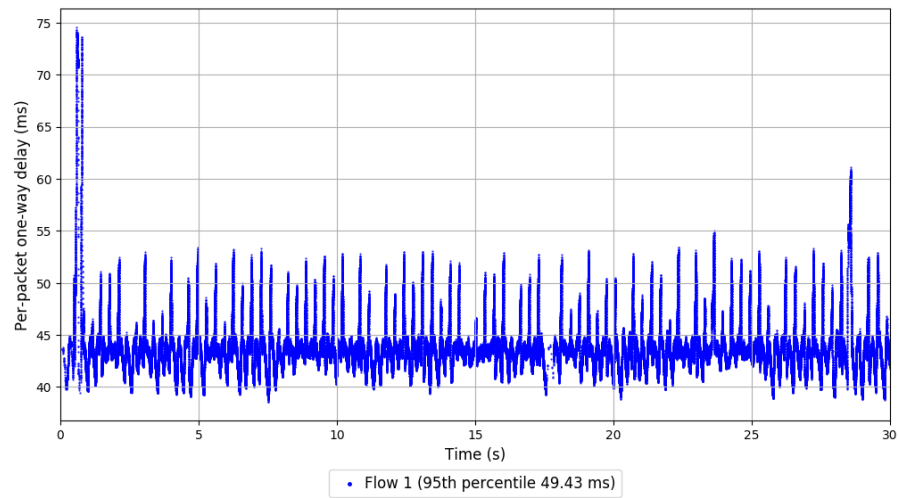
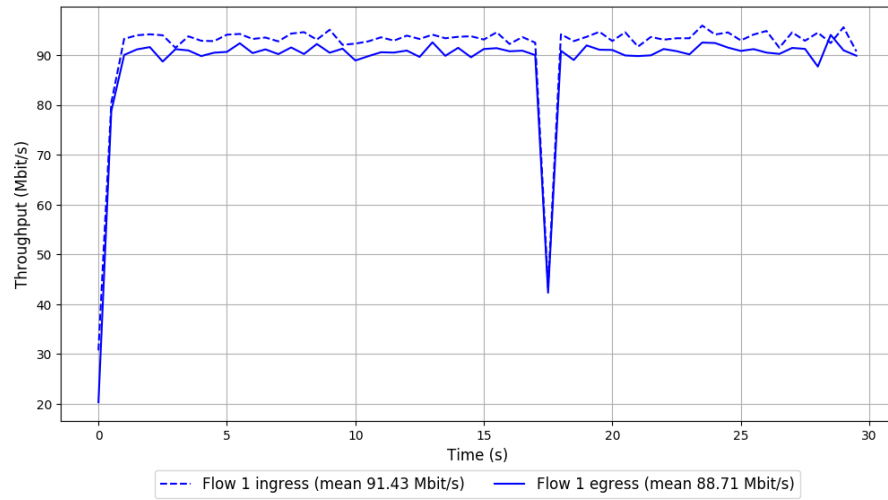
-- Flow 1:

Average throughput: 88.71 Mbit/s

95th percentile per-packet one-way delay: 49.433 ms

Loss rate: 3.10%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-02-20 02:49:52

End at: 2018-02-20 02:50:22

Local clock offset: -6.536 ms

Remote clock offset: 1.094 ms

Below is generated by plot.py at 2018-02-20 04:22:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 6.829 ms

Loss rate: 0.00%

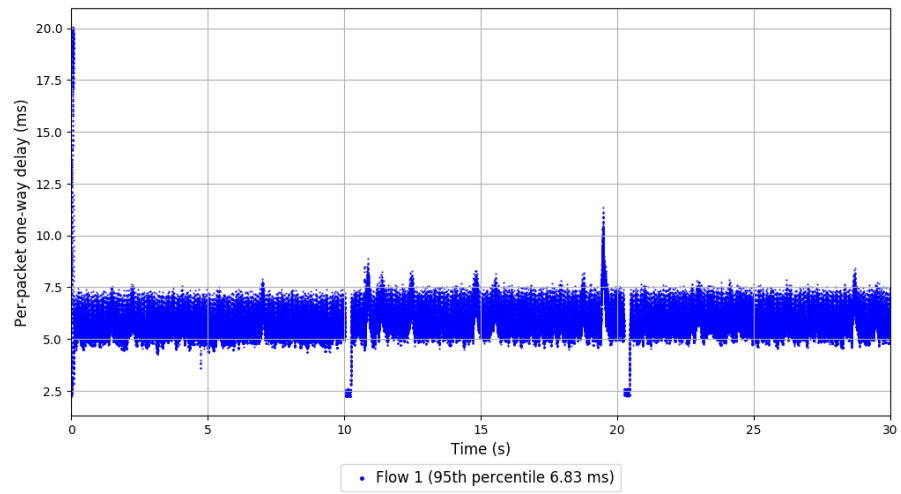
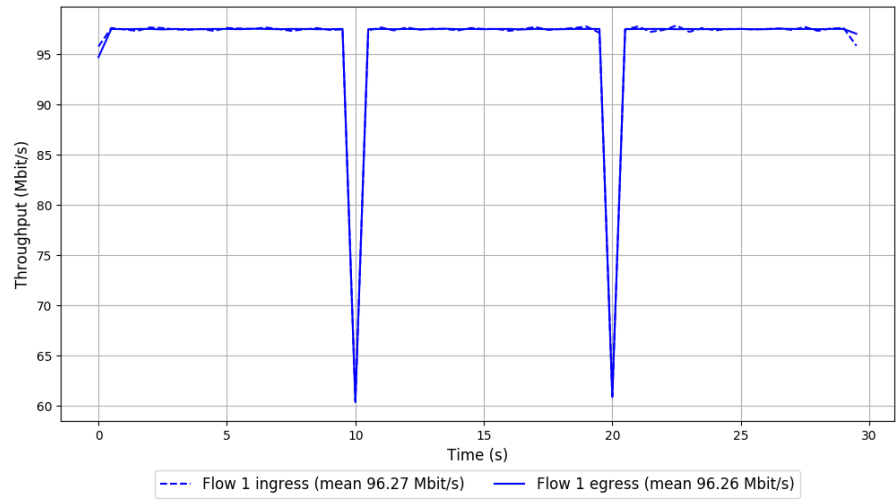
-- Flow 1:

Average throughput: 96.26 Mbit/s

95th percentile per-packet one-way delay: 6.829 ms

Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-02-20 03:10:13

End at: 2018-02-20 03:10:43

Local clock offset: -6.582 ms

Remote clock offset: 2.322 ms

Below is generated by plot.py at 2018-02-20 04:22:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.87 Mbit/s

95th percentile per-packet one-way delay: 6.919 ms

Loss rate: 0.02%

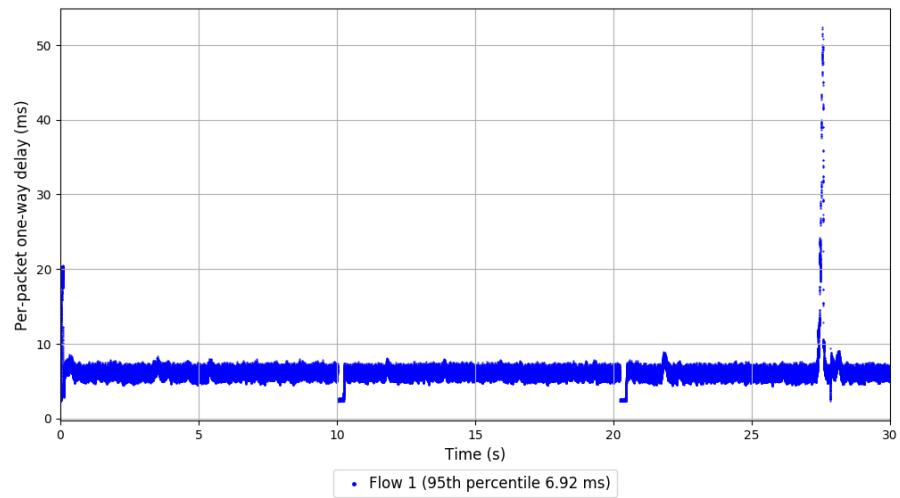
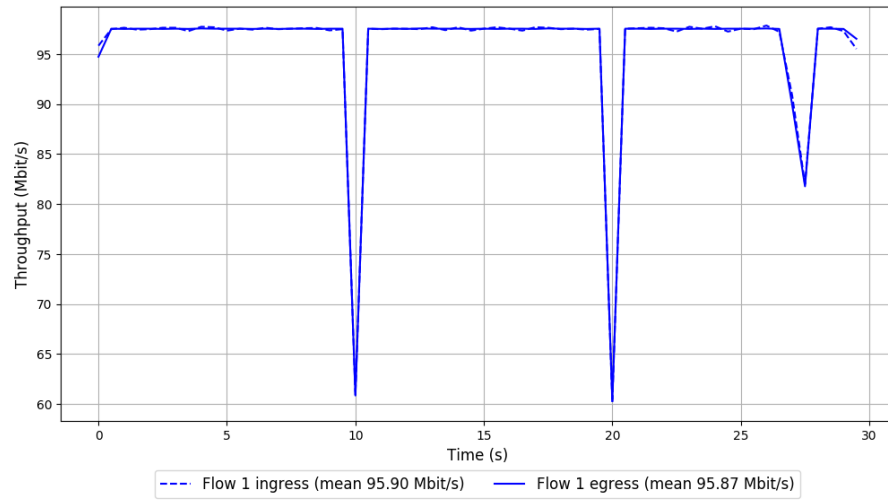
-- Flow 1:

Average throughput: 95.87 Mbit/s

95th percentile per-packet one-way delay: 6.919 ms

Loss rate: 0.02%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-02-20 03:30:37

End at: 2018-02-20 03:31:07

Local clock offset: -6.65 ms

Remote clock offset: -9.943 ms

Below is generated by plot.py at 2018-02-20 04:23:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.22 Mbit/s

95th percentile per-packet one-way delay: 7.490 ms

Loss rate: 0.00%

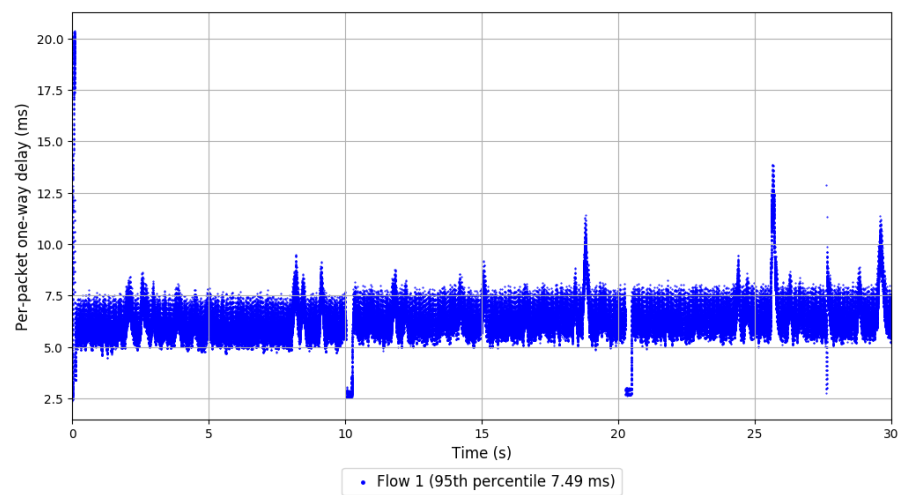
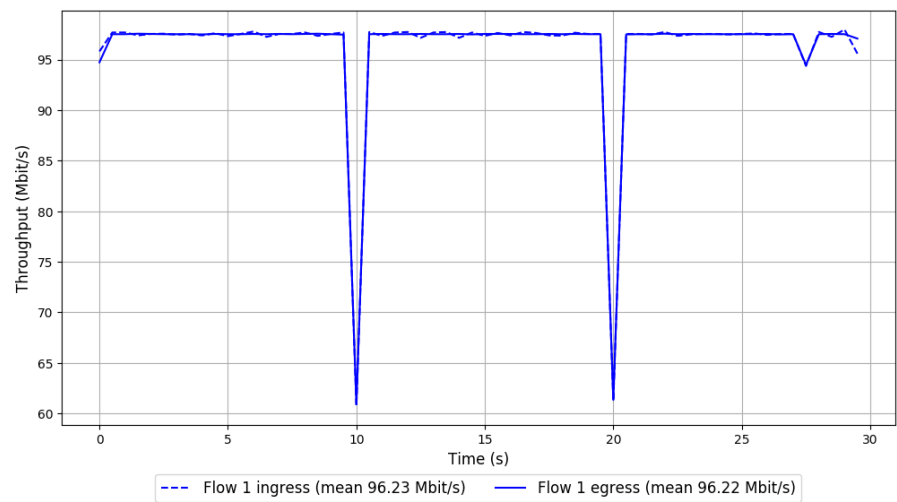
-- Flow 1:

Average throughput: 96.22 Mbit/s

95th percentile per-packet one-way delay: 7.490 ms

Loss rate: 0.00%

Run 9: Report of TCP BBR — Data Link

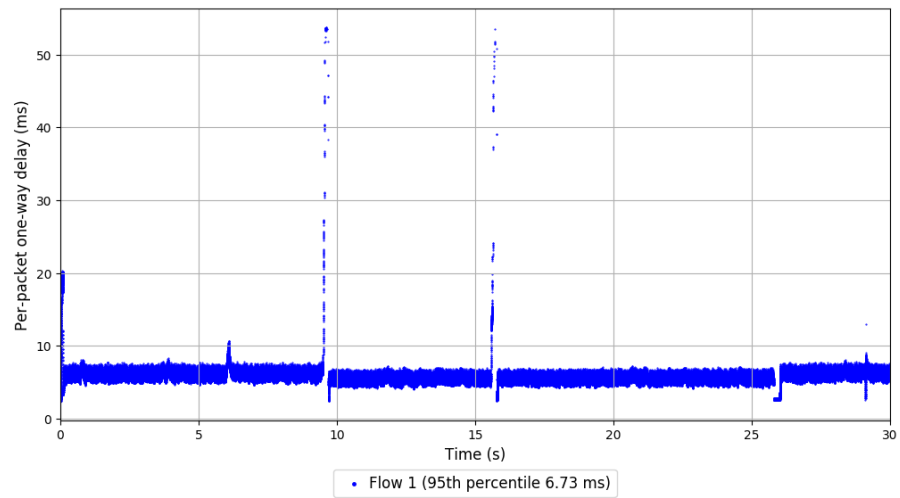
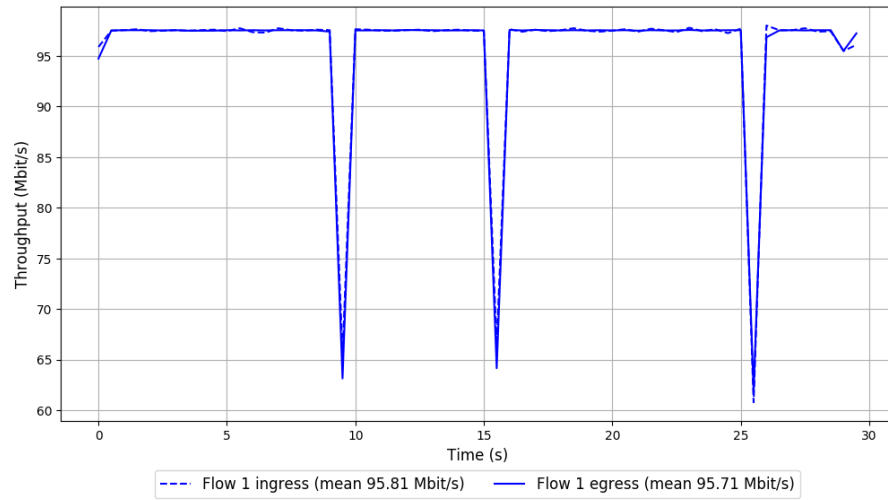


Run 10: Statistics of TCP BBR

Start at: 2018-02-20 03:51:00
End at: 2018-02-20 03:51:30
Local clock offset: -6.76 ms
Remote clock offset: -17.843 ms

Below is generated by plot.py at 2018-02-20 04:23:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 6.729 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 6.729 ms
Loss rate: 0.09%

Run 10: Report of TCP BBR — Data Link

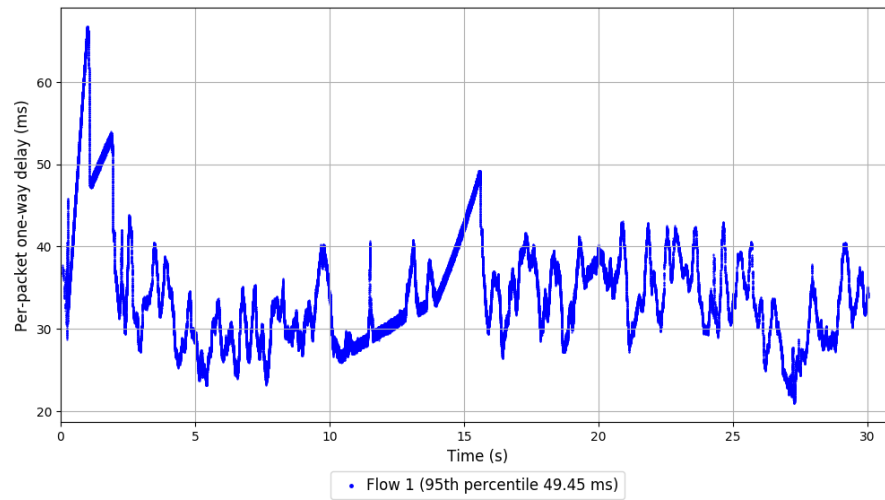
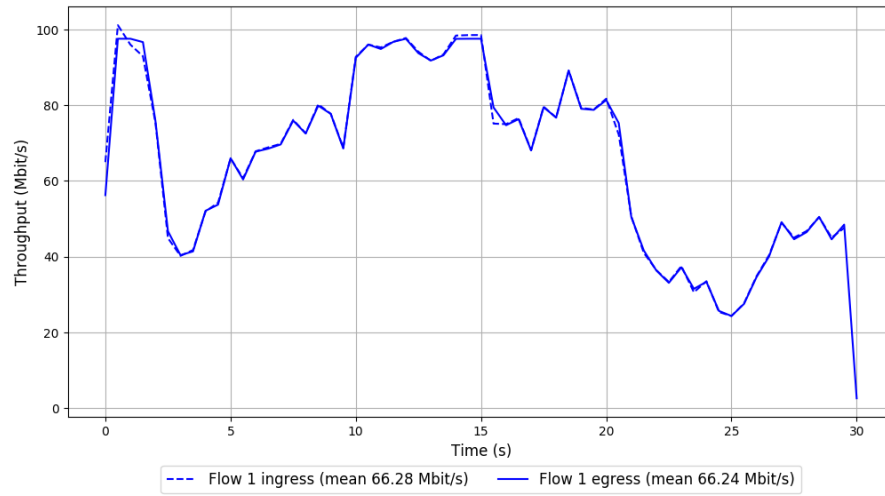


Run 1: Statistics of TCP Cubic

Start at: 2018-02-20 00:49:28
End at: 2018-02-20 00:49:58
Local clock offset: -7.173 ms
Remote clock offset: -0.533 ms

Below is generated by plot.py at 2018-02-20 04:23:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.24 Mbit/s
95th percentile per-packet one-way delay: 49.448 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 66.24 Mbit/s
95th percentile per-packet one-way delay: 49.448 ms
Loss rate: 0.07%

Run 1: Report of TCP Cubic — Data Link

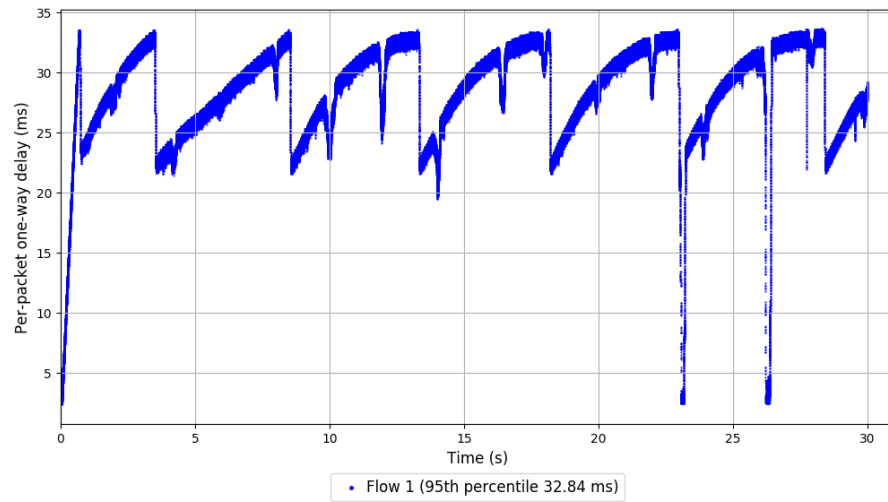
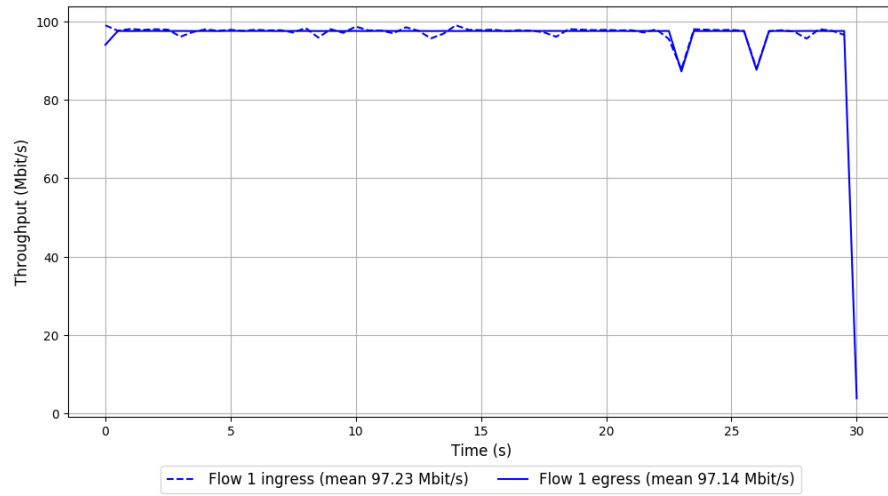


Run 2: Statistics of TCP Cubic

Start at: 2018-02-20 01:10:03
End at: 2018-02-20 01:10:33
Local clock offset: -7.823 ms
Remote clock offset: -3.101 ms

Below is generated by plot.py at 2018-02-20 04:23:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 32.845 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 32.845 ms
Loss rate: 0.01%

Run 2: Report of TCP Cubic — Data Link

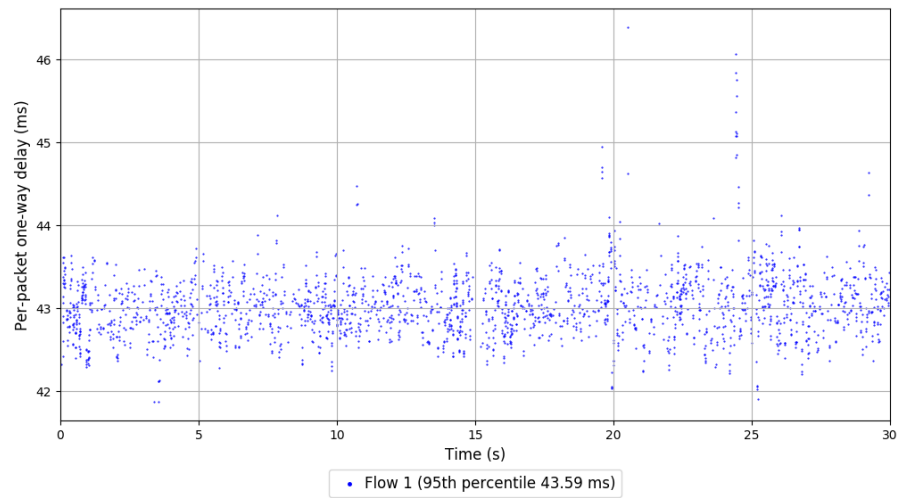
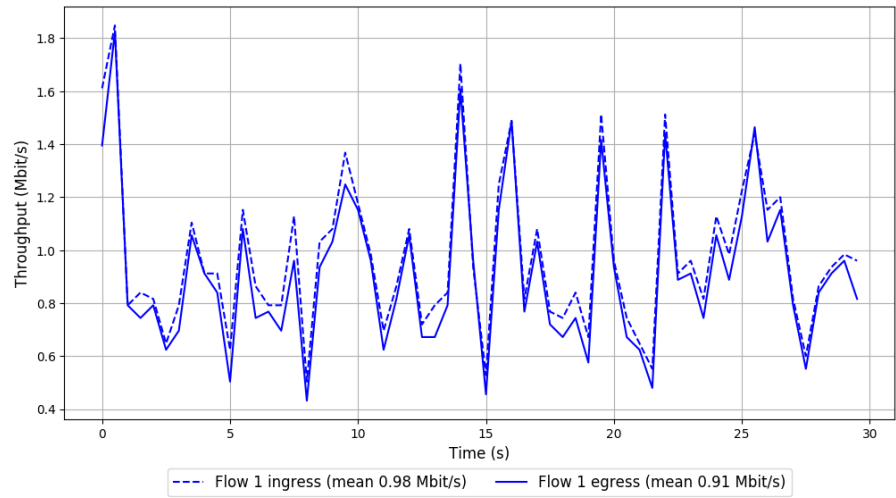


Run 3: Statistics of TCP Cubic

Start at: 2018-02-20 01:30:25
End at: 2018-02-20 01:30:55
Local clock offset: -4.808 ms
Remote clock offset: -5.686 ms

Below is generated by plot.py at 2018-02-20 04:23:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.91 Mbit/s
95th percentile per-packet one-way delay: 43.585 ms
Loss rate: 6.48%
-- Flow 1:
Average throughput: 0.91 Mbit/s
95th percentile per-packet one-way delay: 43.585 ms
Loss rate: 6.48%

Run 3: Report of TCP Cubic — Data Link

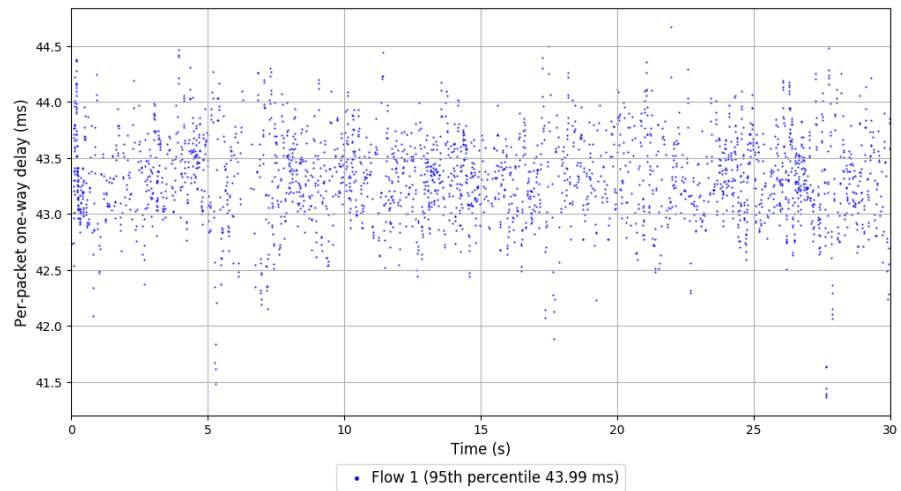
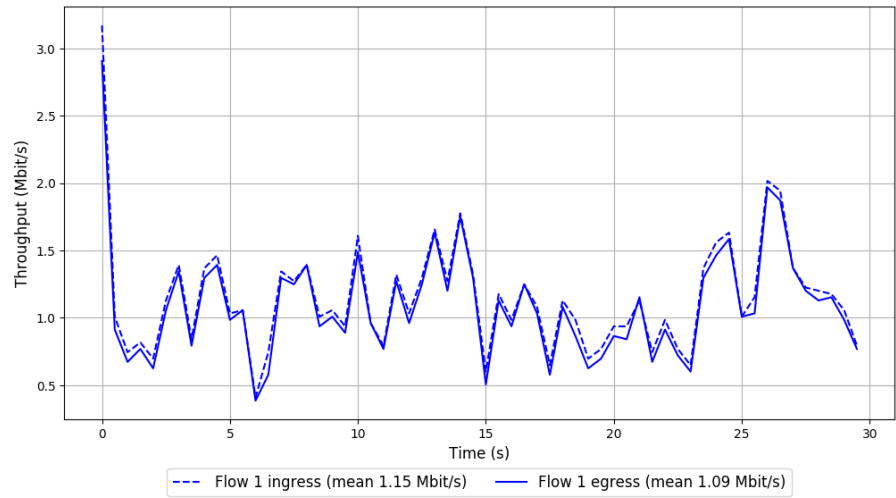


Run 4: Statistics of TCP Cubic

Start at: 2018-02-20 01:50:28
End at: 2018-02-20 01:50:58
Local clock offset: -3.35 ms
Remote clock offset: -5.687 ms

Below is generated by plot.py at 2018-02-20 04:23:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 43.987 ms
Loss rate: 5.05%
-- Flow 1:
Average throughput: 1.09 Mbit/s
95th percentile per-packet one-way delay: 43.987 ms
Loss rate: 5.05%

Run 4: Report of TCP Cubic — Data Link

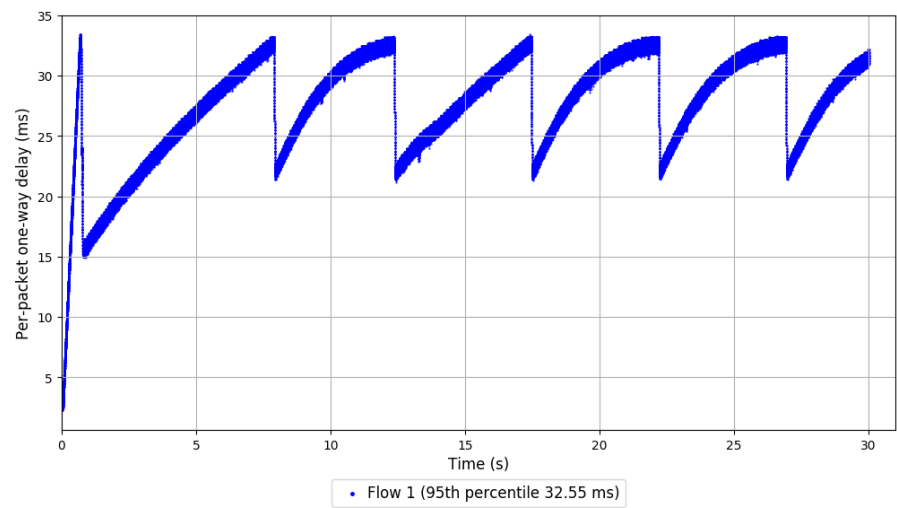
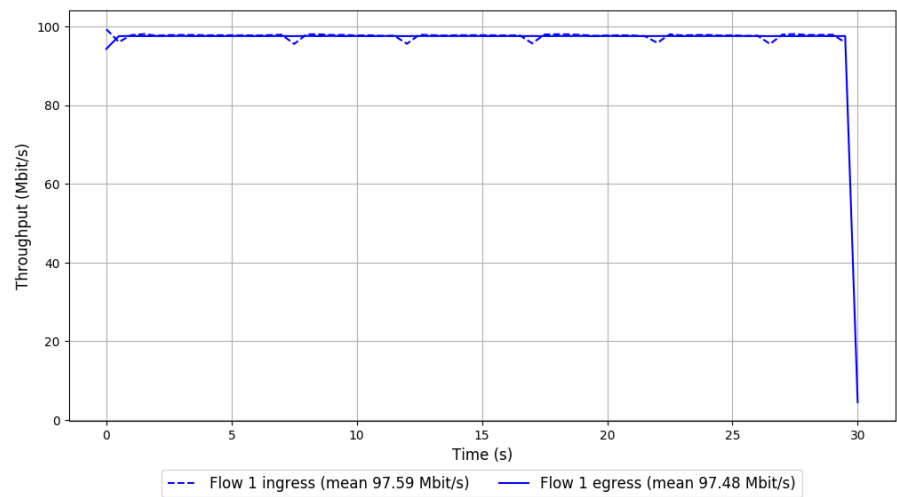


Run 5: Statistics of TCP Cubic

Start at: 2018-02-20 02:10:31
End at: 2018-02-20 02:11:01
Local clock offset: -6.391 ms
Remote clock offset: -5.928 ms

Below is generated by plot.py at 2018-02-20 04:23:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.552 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.552 ms
Loss rate: 0.01%

Run 5: Report of TCP Cubic — Data Link

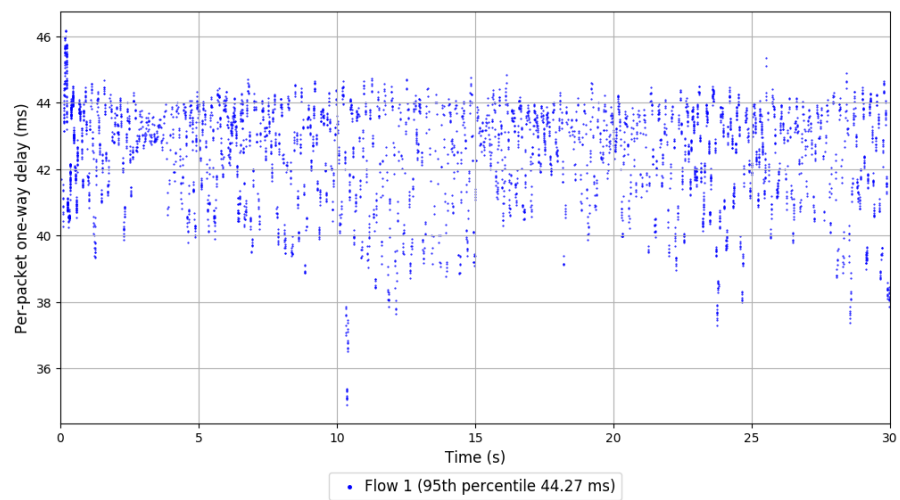
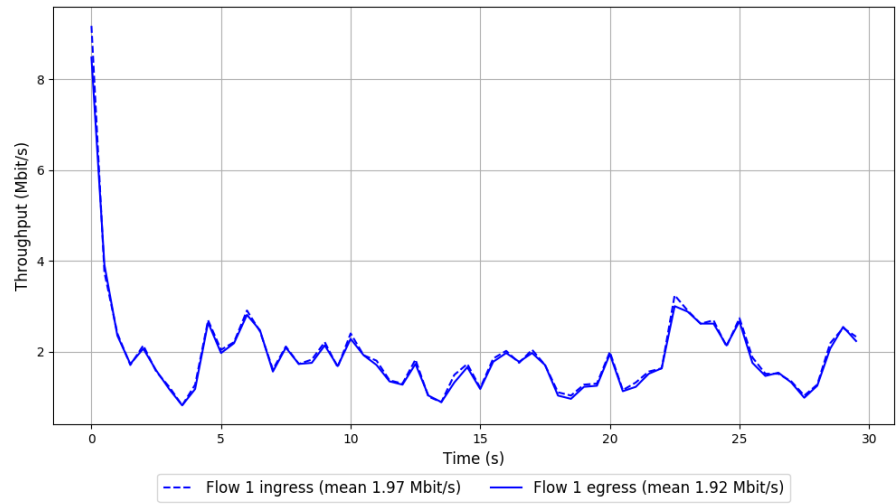


Run 6: Statistics of TCP Cubic

Start at: 2018-02-20 02:30:48
End at: 2018-02-20 02:31:18
Local clock offset: -6.646 ms
Remote clock offset: -0.293 ms

Below is generated by plot.py at 2018-02-20 04:23:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 44.265 ms
Loss rate: 2.71%
-- Flow 1:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 44.265 ms
Loss rate: 2.71%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-02-20 02:50:59

End at: 2018-02-20 02:51:29

Local clock offset: -6.469 ms

Remote clock offset: 1.246 ms

Below is generated by plot.py at 2018-02-20 04:23:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.686 ms

Loss rate: 0.01%

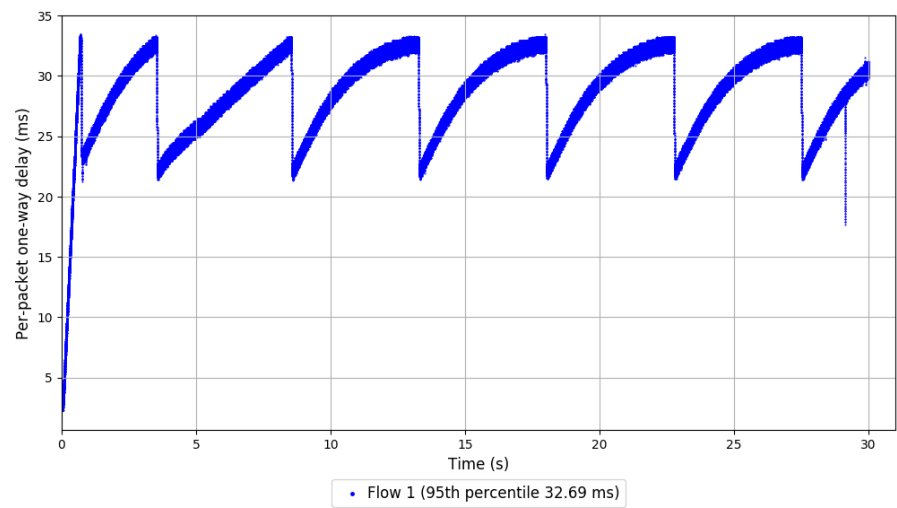
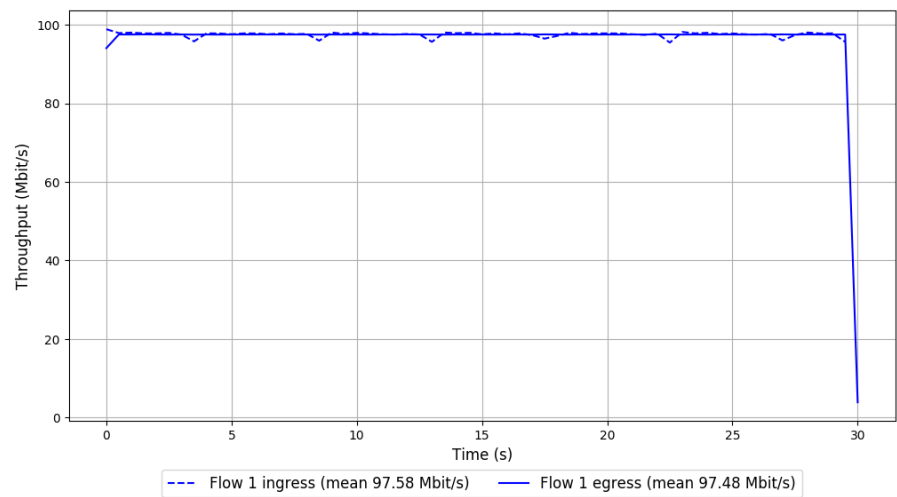
-- Flow 1:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.686 ms

Loss rate: 0.01%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-02-20 03:11:21

End at: 2018-02-20 03:11:51

Local clock offset: -6.575 ms

Remote clock offset: 2.409 ms

Below is generated by plot.py at 2018-02-20 04:23:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.709 ms

Loss rate: 0.01%

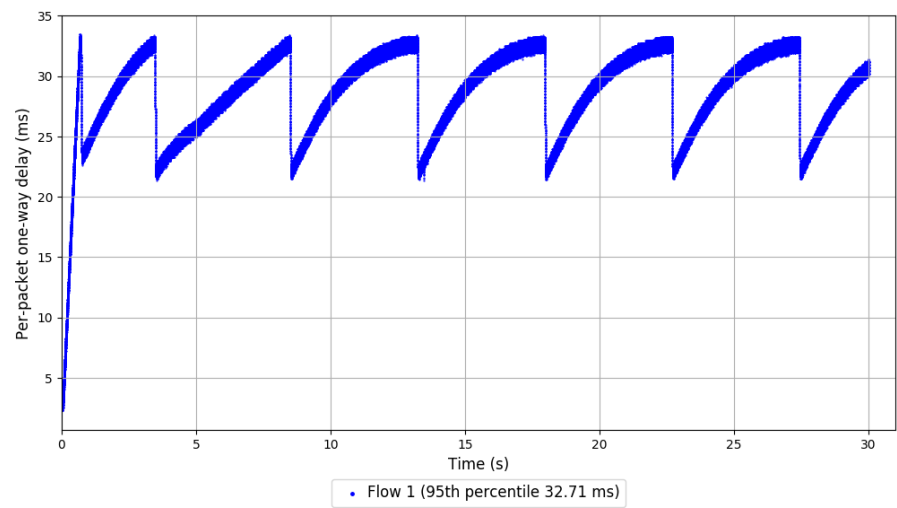
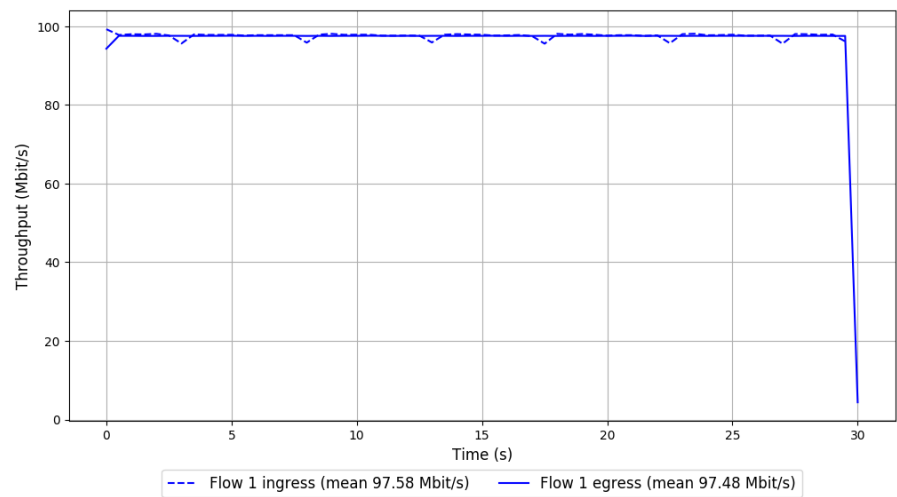
-- Flow 1:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.709 ms

Loss rate: 0.01%

Run 8: Report of TCP Cubic — Data Link

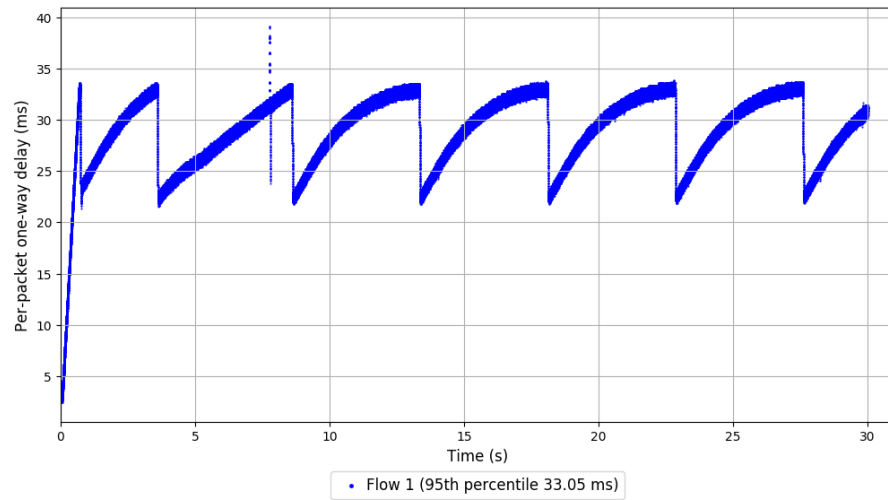
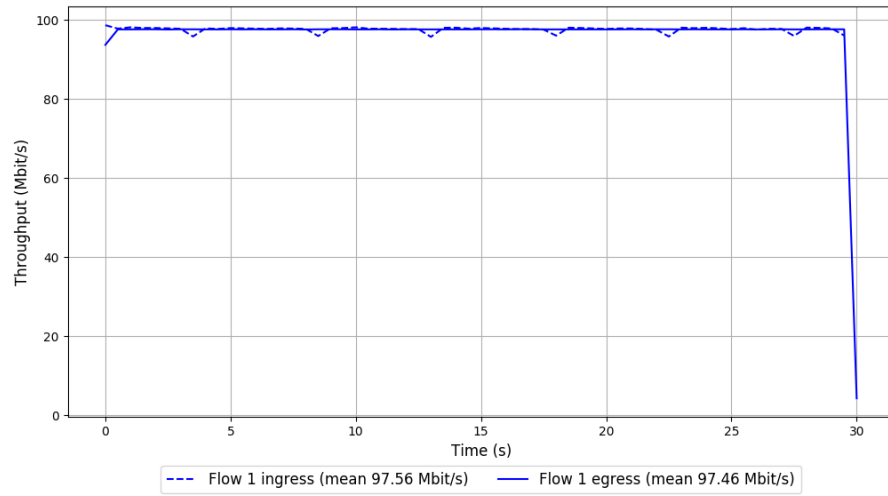


Run 9: Statistics of TCP Cubic

Start at: 2018-02-20 03:31:45
End at: 2018-02-20 03:32:15
Local clock offset: -6.656 ms
Remote clock offset: -10.696 ms

Below is generated by plot.py at 2018-02-20 04:23:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 33.054 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 33.054 ms
Loss rate: 0.01%

Run 9: Report of TCP Cubic — Data Link

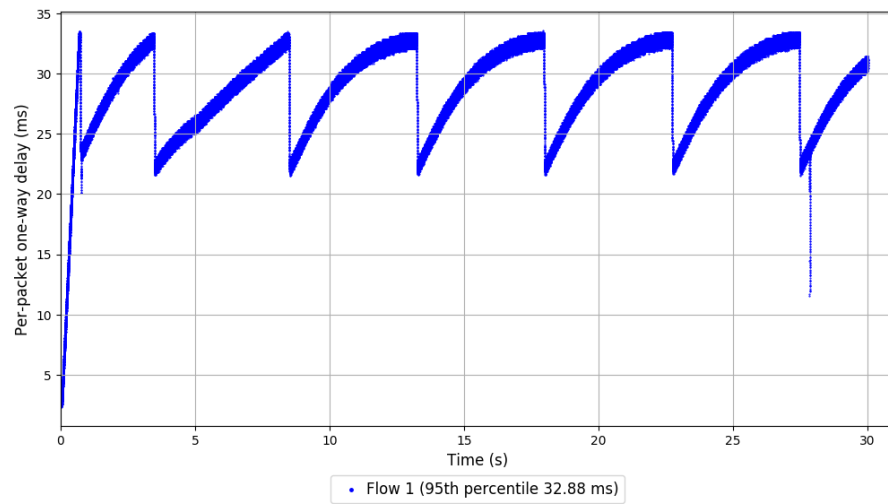
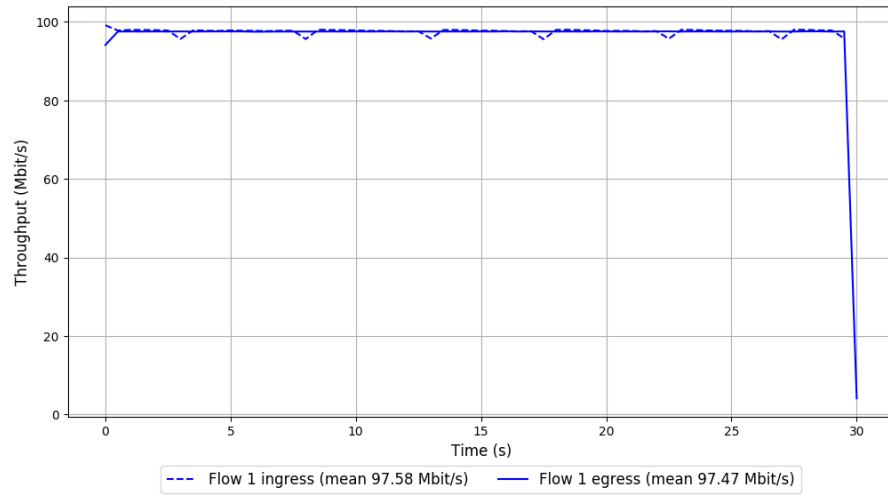


Run 10: Statistics of TCP Cubic

Start at: 2018-02-20 03:52:08
End at: 2018-02-20 03:52:38
Local clock offset: -6.757 ms
Remote clock offset: -18.171 ms

Below is generated by plot.py at 2018-02-20 04:24:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 32.876 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 32.876 ms
Loss rate: 0.01%

Run 10: Report of TCP Cubic — Data Link

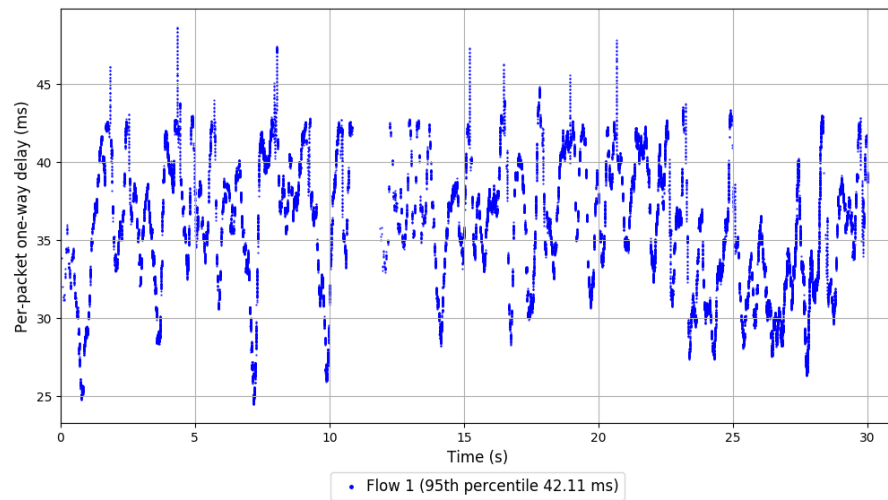
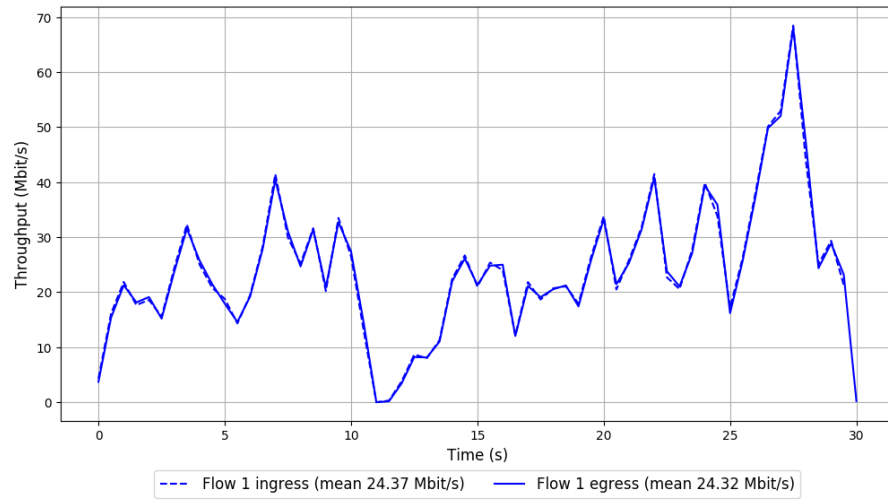


Run 1: Statistics of LEDBAT

Start at: 2018-02-20 00:37:42
End at: 2018-02-20 00:38:12
Local clock offset: -6.694 ms
Remote clock offset: -0.204 ms

Below is generated by plot.py at 2018-02-20 04:24:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: 42.113 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: 42.113 ms
Loss rate: 0.17%

Run 1: Report of LEDBAT — Data Link

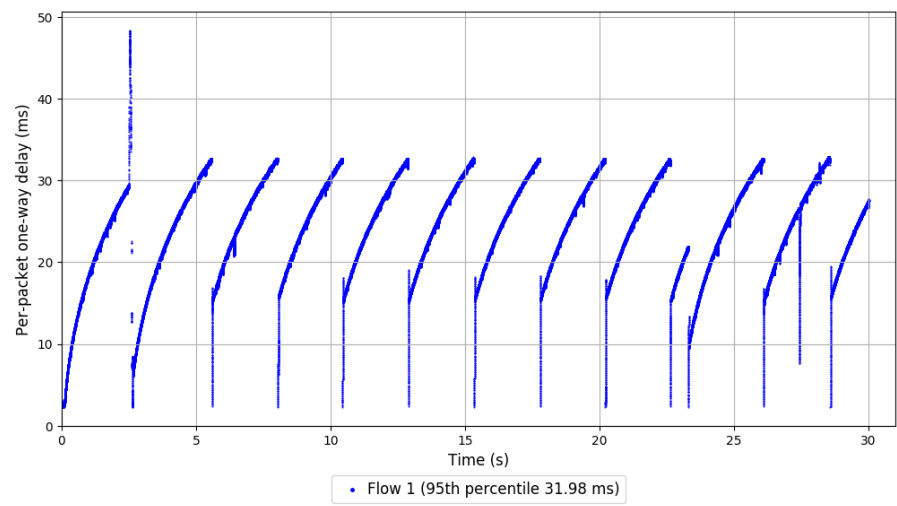
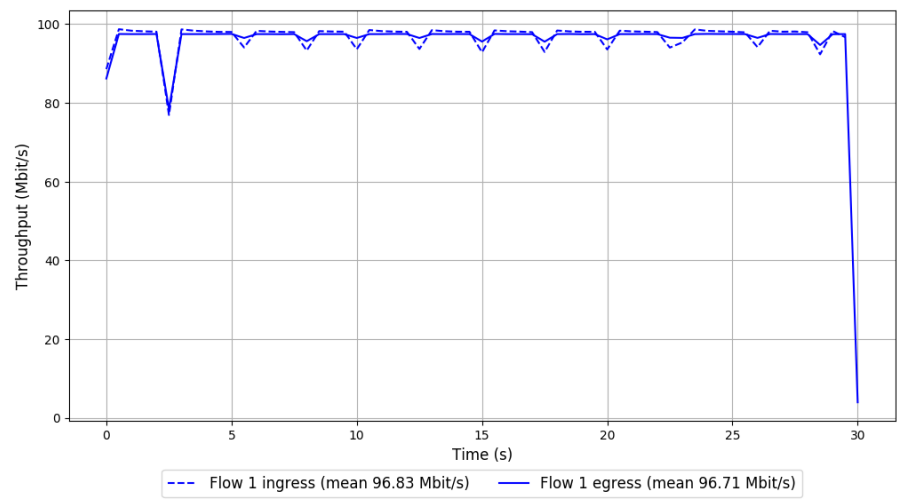


Run 2: Statistics of LEDBAT

Start at: 2018-02-20 00:58:26
End at: 2018-02-20 00:58:56
Local clock offset: -7.449 ms
Remote clock offset: -0.356 ms

Below is generated by plot.py at 2018-02-20 04:24:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.71 Mbit/s
95th percentile per-packet one-way delay: 31.977 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 96.71 Mbit/s
95th percentile per-packet one-way delay: 31.977 ms
Loss rate: 0.04%

Run 2: Report of LEDBAT — Data Link

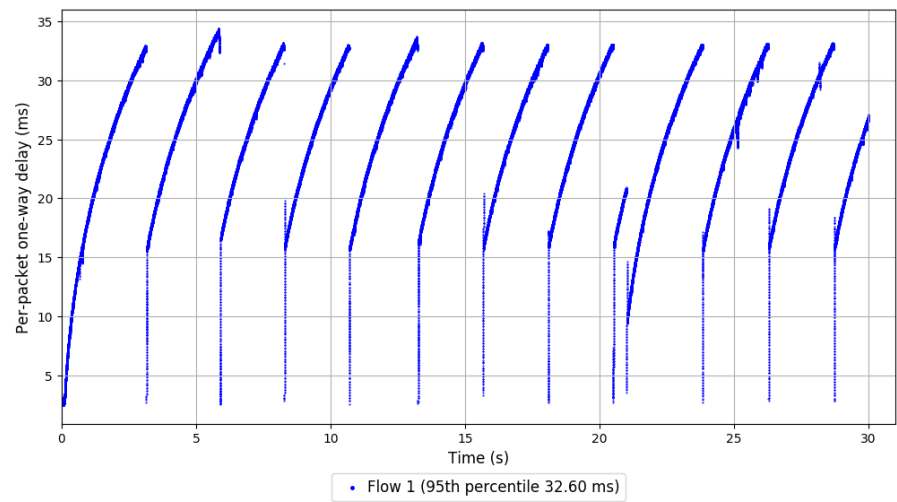
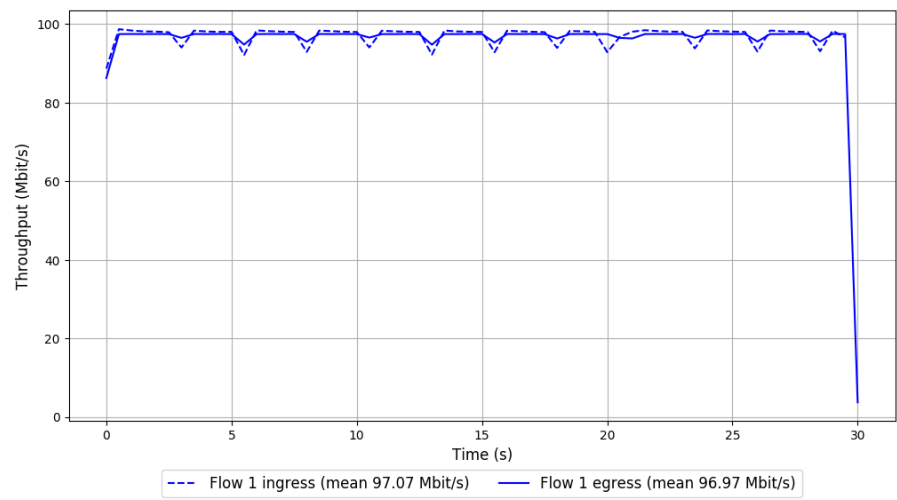


Run 3: Statistics of LEDBAT

Start at: 2018-02-20 01:19:02
End at: 2018-02-20 01:19:32
Local clock offset: -7.375 ms
Remote clock offset: -4.757 ms

Below is generated by plot.py at 2018-02-20 04:24:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 32.596 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 32.596 ms
Loss rate: 0.02%

Run 3: Report of LEDBAT — Data Link

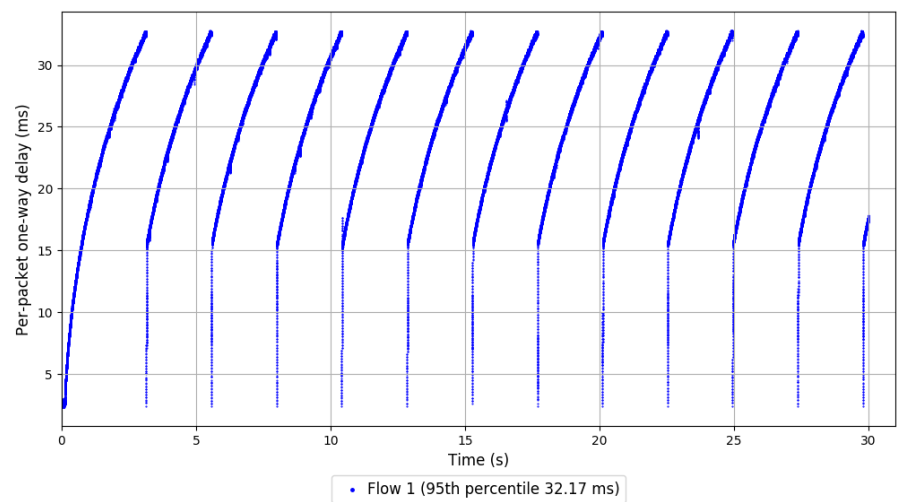
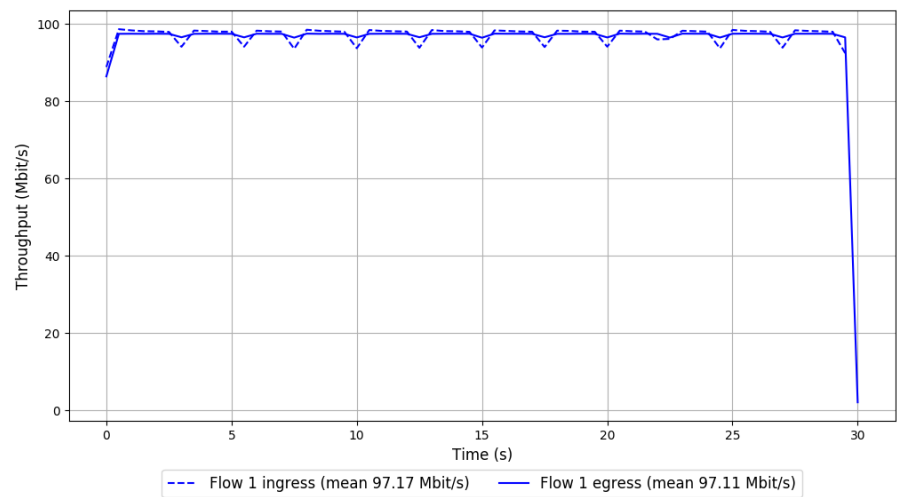


Run 4: Statistics of LEDBAT

Start at: 2018-02-20 01:39:16
End at: 2018-02-20 01:39:46
Local clock offset: -3.972 ms
Remote clock offset: -5.923 ms

Below is generated by plot.py at 2018-02-20 04:24:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 32.168 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 32.168 ms
Loss rate: 0.01%

Run 4: Report of LEDBAT — Data Link

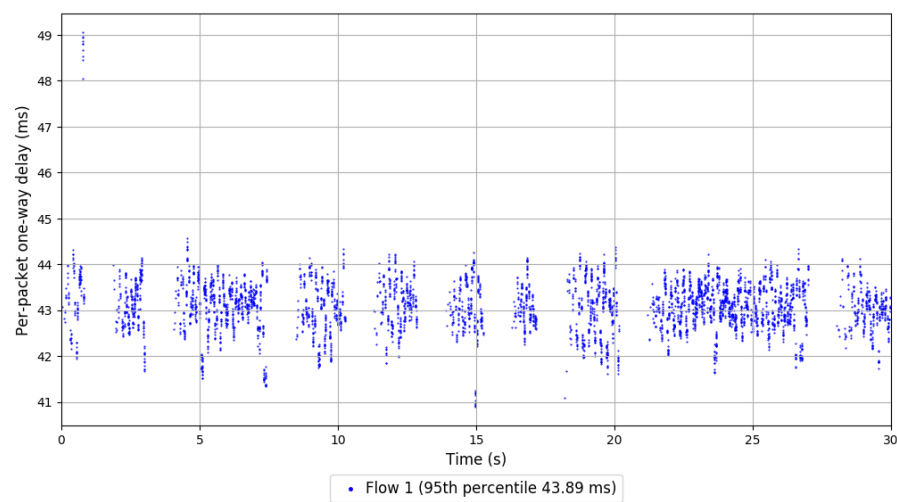
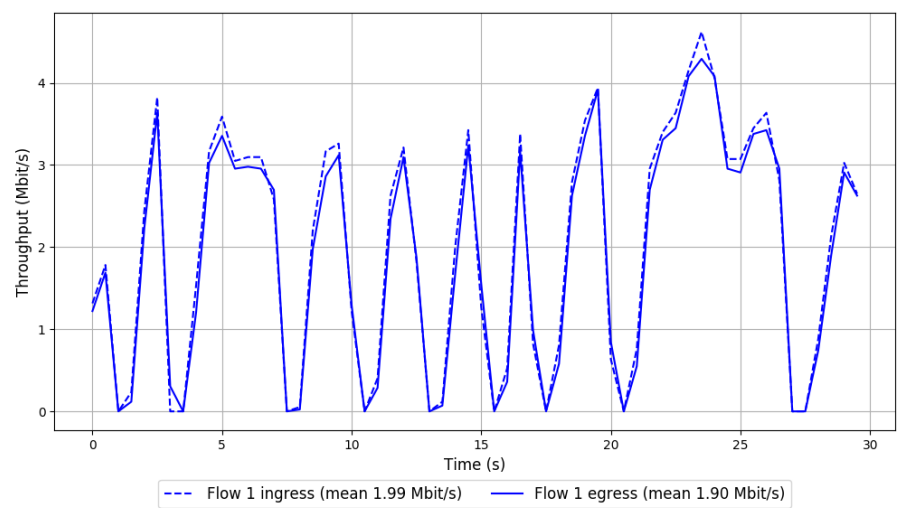


Run 5: Statistics of LEDBAT

Start at: 2018-02-20 01:59:24
End at: 2018-02-20 01:59:54
Local clock offset: -5.338 ms
Remote clock offset: -5.762 ms

Below is generated by plot.py at 2018-02-20 04:24:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 43.887 ms
Loss rate: 4.52%
-- Flow 1:
Average throughput: 1.90 Mbit/s
95th percentile per-packet one-way delay: 43.887 ms
Loss rate: 4.52%

Run 5: Report of LEDBAT — Data Link

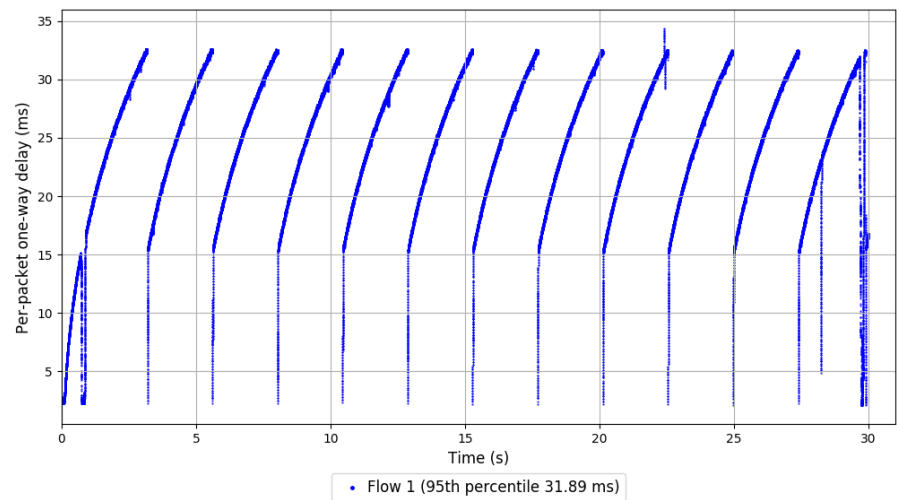
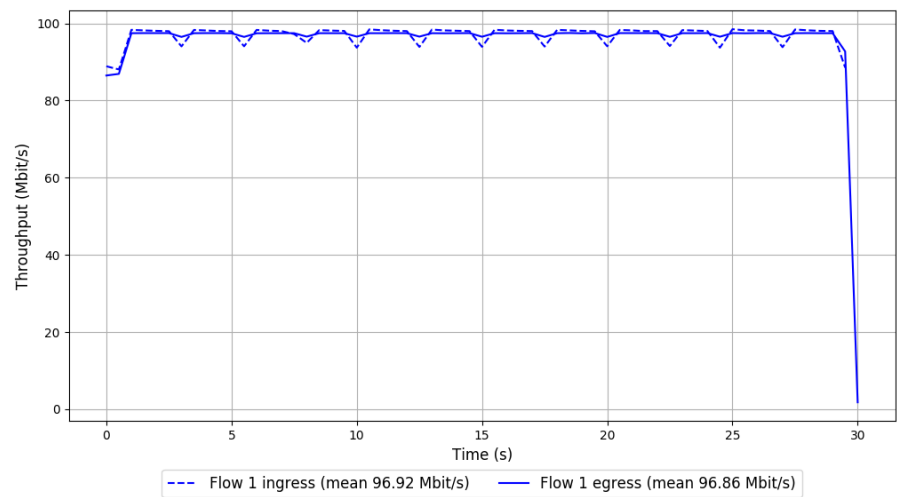


Run 6: Statistics of LEDBAT

Start at: 2018-02-20 02:19:31
End at: 2018-02-20 02:20:01
Local clock offset: -6.684 ms
Remote clock offset: -2.388 ms

Below is generated by plot.py at 2018-02-20 04:24:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.86 Mbit/s
95th percentile per-packet one-way delay: 31.886 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 96.86 Mbit/s
95th percentile per-packet one-way delay: 31.886 ms
Loss rate: 0.01%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-02-20 02:39:39

End at: 2018-02-20 02:40:09

Local clock offset: -6.584 ms

Remote clock offset: 0.496 ms

Below is generated by plot.py at 2018-02-20 04:24:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.87 Mbit/s

95th percentile per-packet one-way delay: 32.206 ms

Loss rate: 0.01%

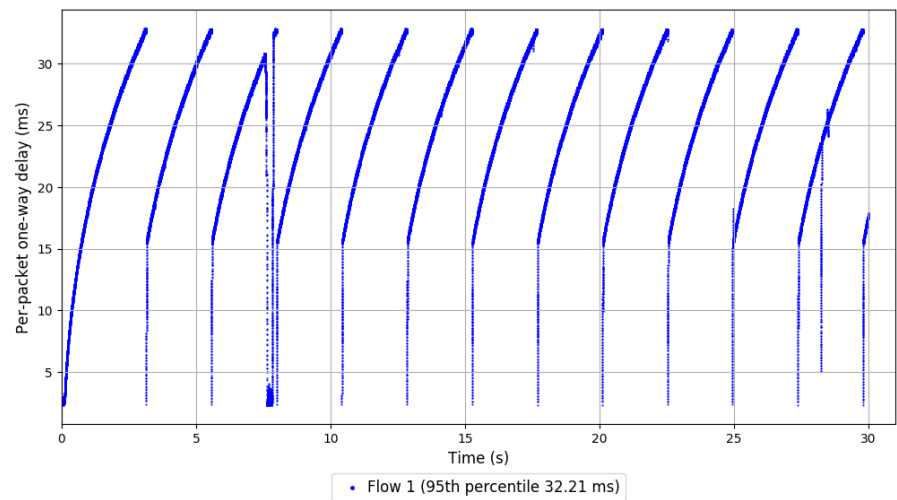
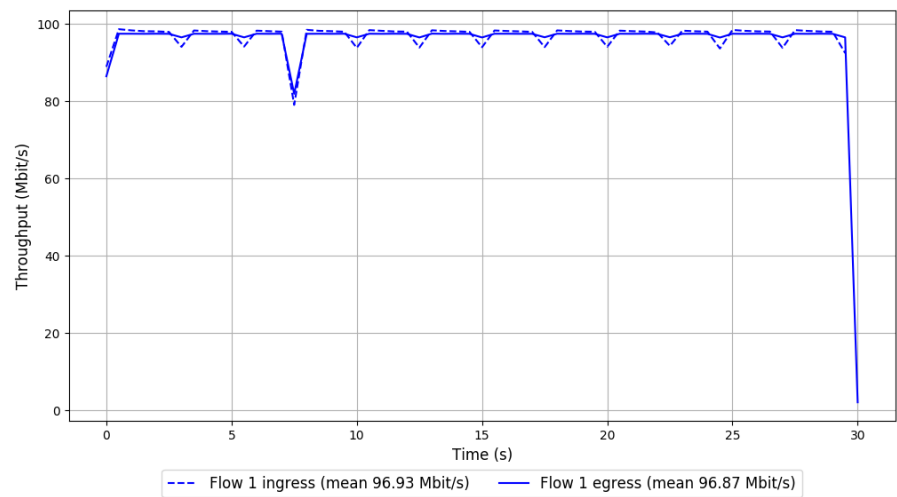
-- Flow 1:

Average throughput: 96.87 Mbit/s

95th percentile per-packet one-way delay: 32.206 ms

Loss rate: 0.01%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-02-20 02:59:57

End at: 2018-02-20 03:00:27

Local clock offset: -6.494 ms

Remote clock offset: 1.745 ms

Below is generated by plot.py at 2018-02-20 04:25:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 32.144 ms

Loss rate: 0.01%

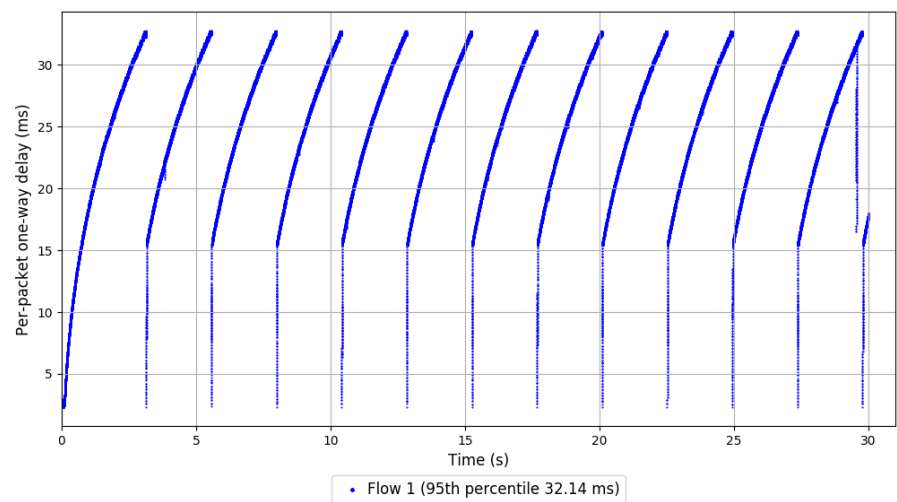
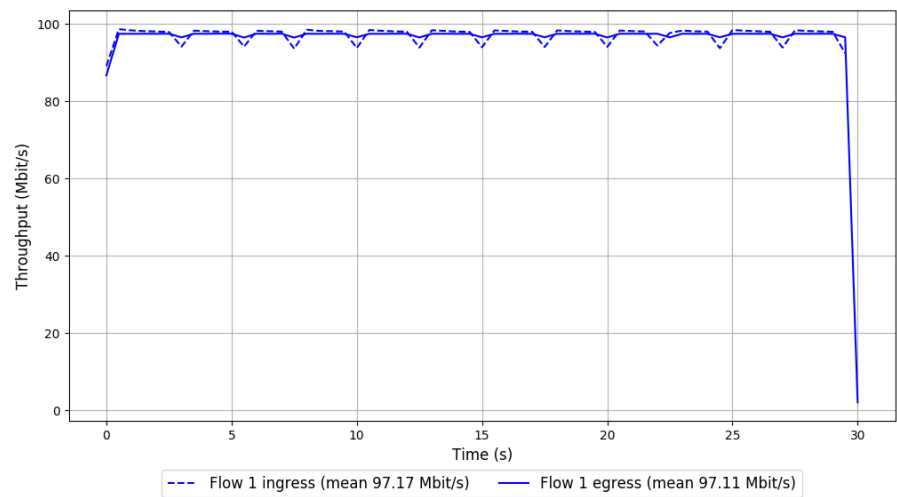
-- Flow 1:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 32.144 ms

Loss rate: 0.01%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-02-20 03:20:21

End at: 2018-02-20 03:20:51

Local clock offset: -6.621 ms

Remote clock offset: 1.444 ms

Below is generated by plot.py at 2018-02-20 04:25:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 32.815 ms

Loss rate: 0.01%

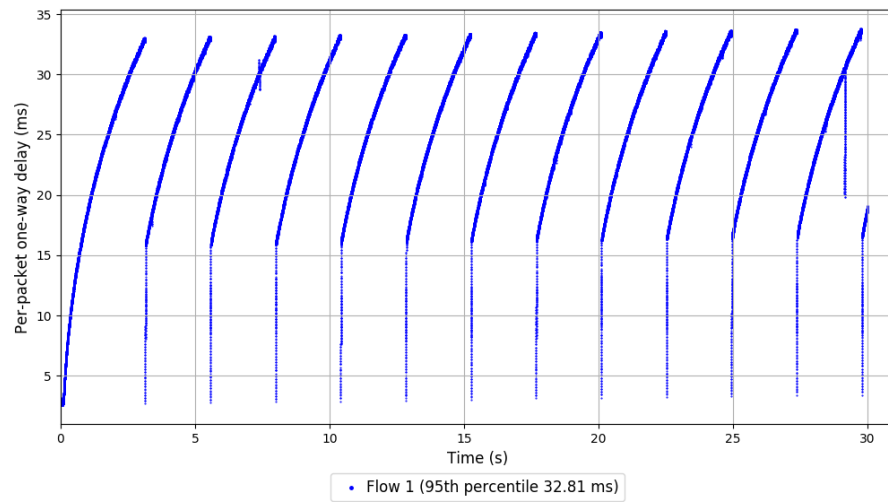
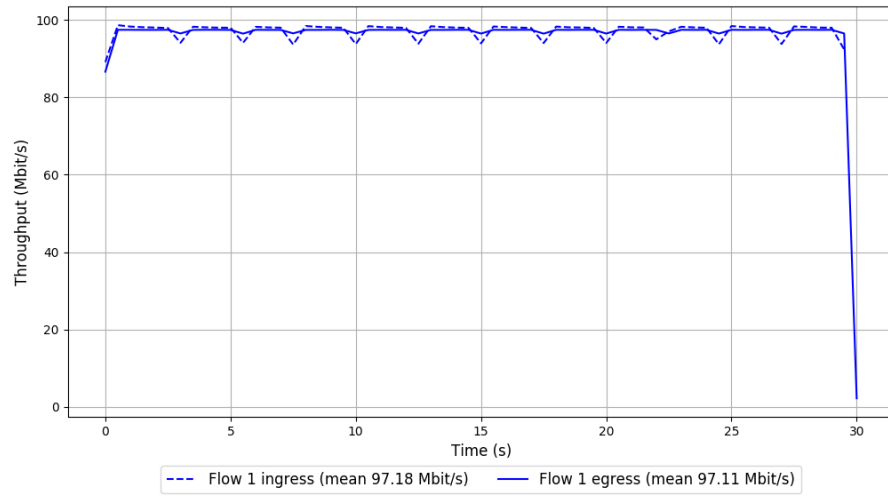
-- Flow 1:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 32.815 ms

Loss rate: 0.01%

Run 9: Report of LEDBAT — Data Link

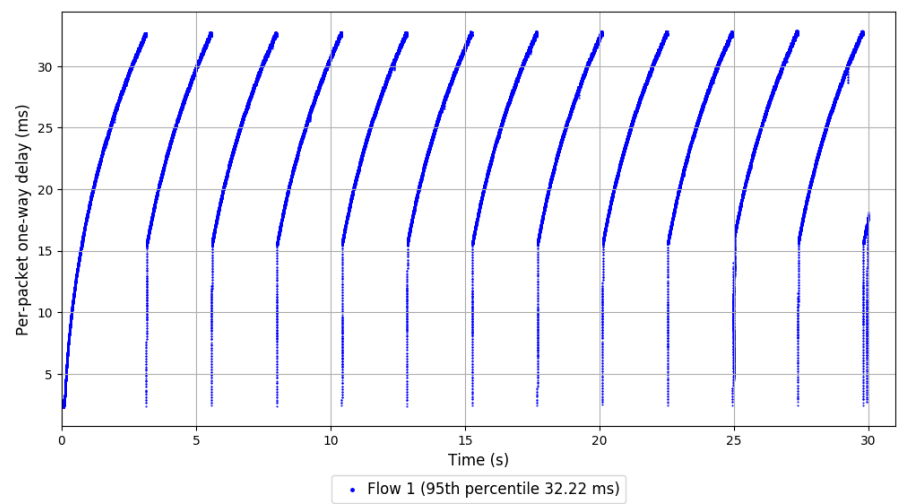
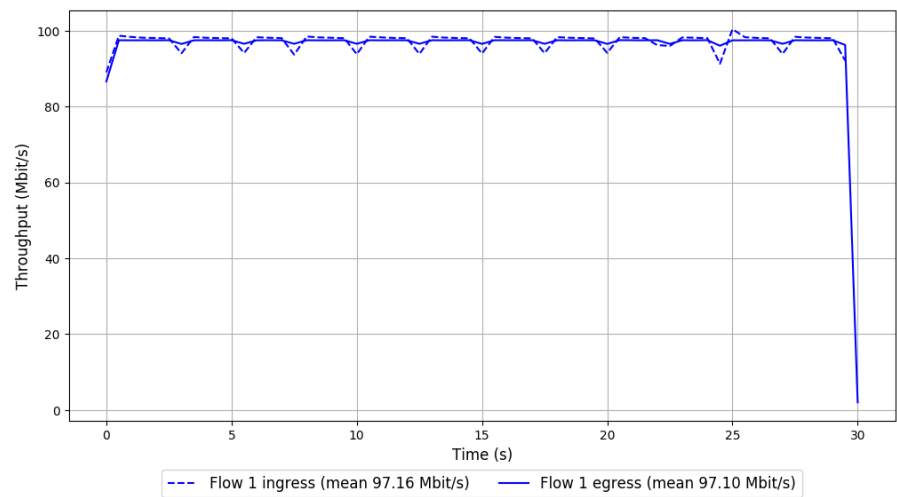


Run 10: Statistics of LEDBAT

Start at: 2018-02-20 03:40:44
End at: 2018-02-20 03:41:14
Local clock offset: -6.67 ms
Remote clock offset: -14.935 ms

Below is generated by plot.py at 2018-02-20 04:25:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 32.220 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 97.10 Mbit/s
95th percentile per-packet one-way delay: 32.220 ms
Loss rate: 0.01%

Run 10: Report of LEDBAT — Data Link

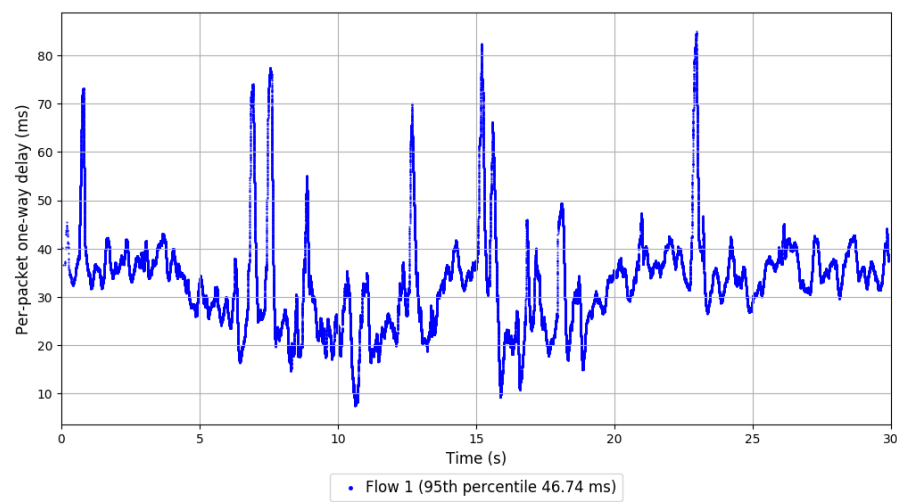
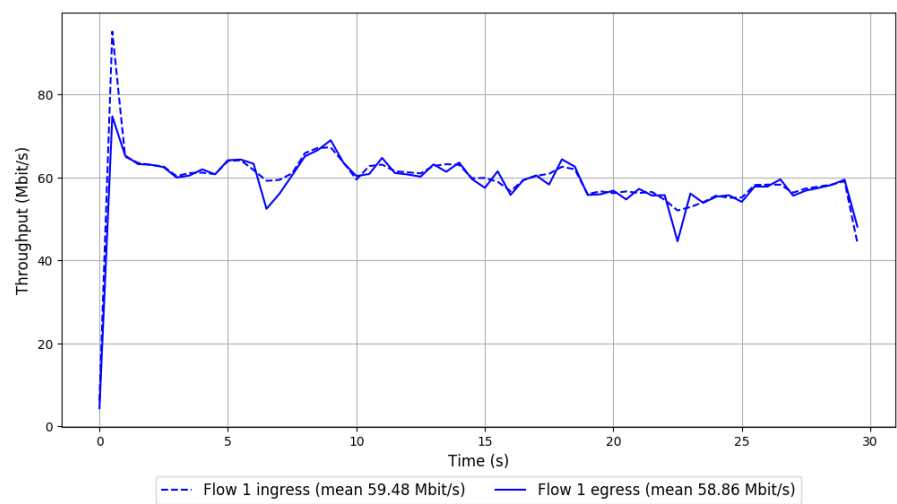


Run 1: Statistics of PCC

Start at: 2018-02-20 00:33:16
End at: 2018-02-20 00:33:47
Local clock offset: -6.636 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2018-02-20 04:25:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.86 Mbit/s
95th percentile per-packet one-way delay: 46.745 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 58.86 Mbit/s
95th percentile per-packet one-way delay: 46.745 ms
Loss rate: 1.04%

Run 1: Report of PCC — Data Link

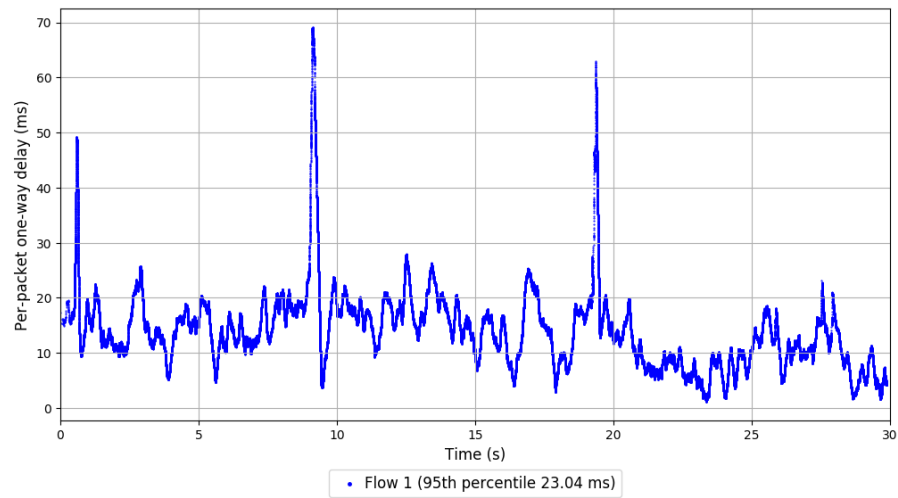
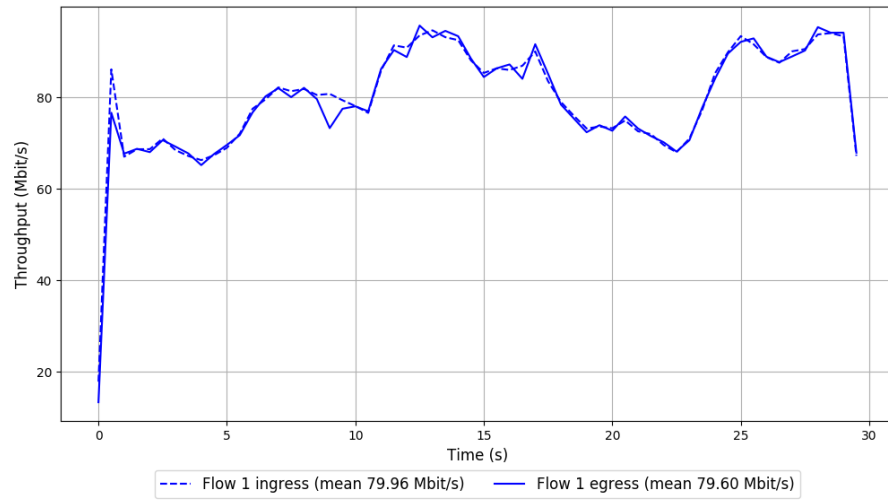


Run 2: Statistics of PCC

Start at: 2018-02-20 00:53:59
End at: 2018-02-20 00:54:29
Local clock offset: -7.335 ms
Remote clock offset: -8.726 ms

Below is generated by plot.py at 2018-02-20 04:26:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.60 Mbit/s
95th percentile per-packet one-way delay: 23.041 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 79.60 Mbit/s
95th percentile per-packet one-way delay: 23.041 ms
Loss rate: 0.49%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2018-02-20 01:14:35

End at: 2018-02-20 01:15:05

Local clock offset: -7.936 ms

Remote clock offset: -4.11 ms

Below is generated by plot.py at 2018-02-20 04:26:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.61 Mbit/s

95th percentile per-packet one-way delay: 5.137 ms

Loss rate: 0.00%

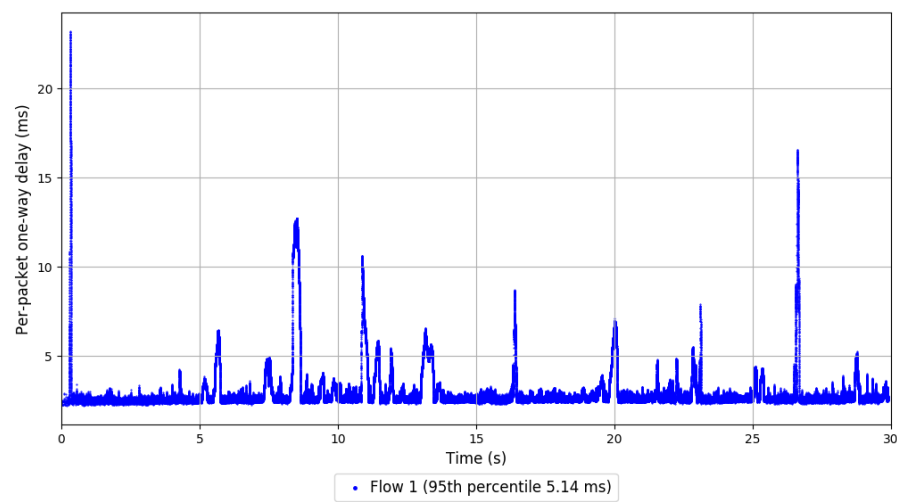
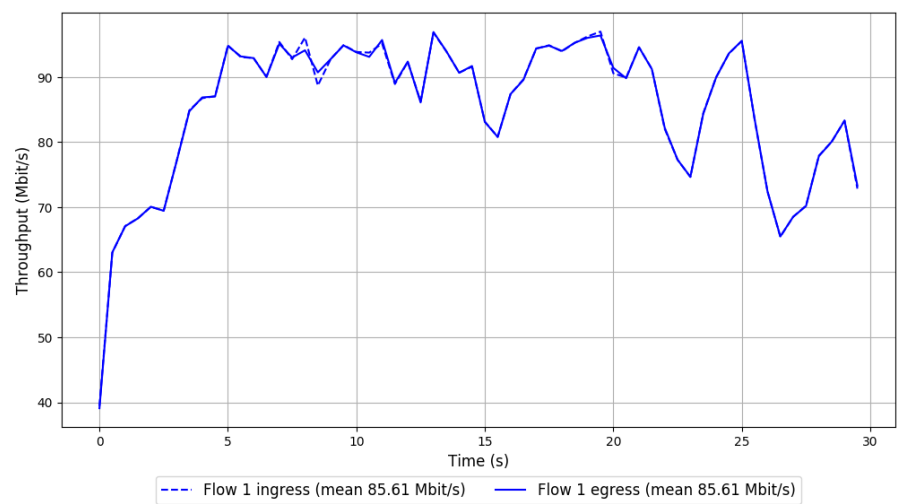
-- Flow 1:

Average throughput: 85.61 Mbit/s

95th percentile per-packet one-way delay: 5.137 ms

Loss rate: 0.00%

Run 3: Report of PCC — Data Link

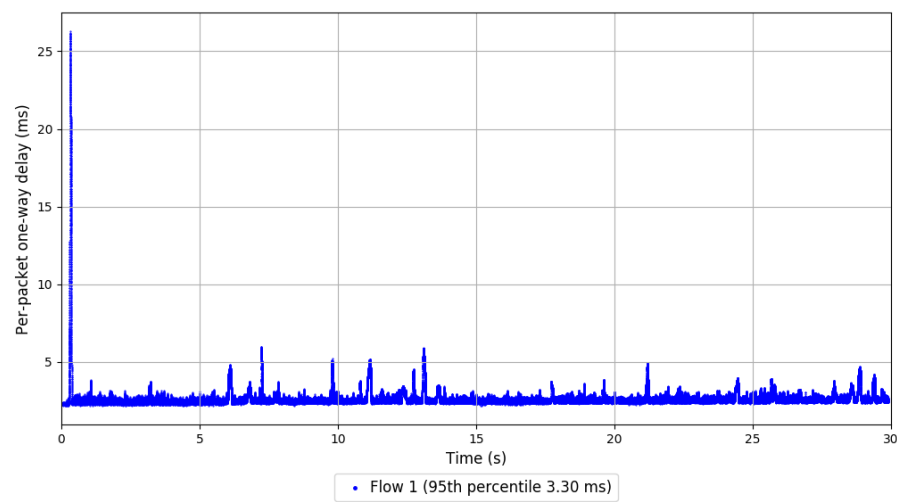
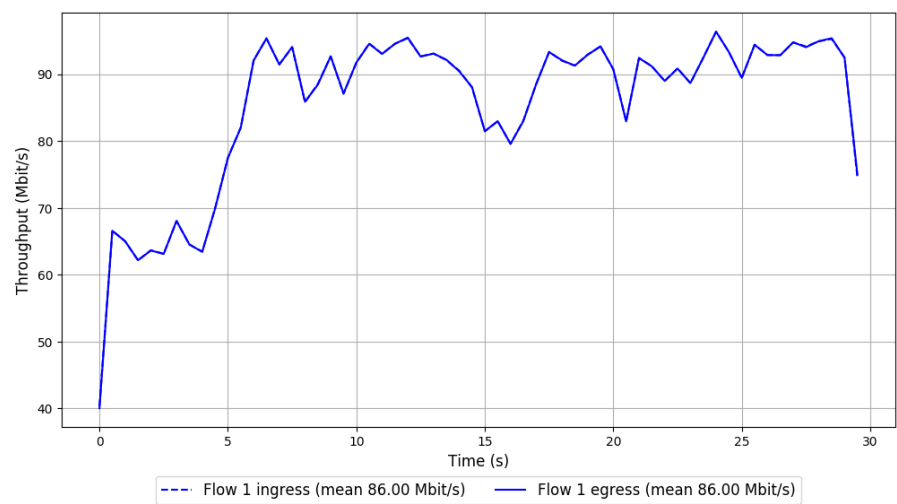


Run 4: Statistics of PCC

Start at: 2018-02-20 01:34:55
End at: 2018-02-20 01:35:25
Local clock offset: -4.323 ms
Remote clock offset: -6.012 ms

Below is generated by plot.py at 2018-02-20 04:26:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.00 Mbit/s
95th percentile per-packet one-way delay: 3.303 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.00 Mbit/s
95th percentile per-packet one-way delay: 3.303 ms
Loss rate: 0.00%

Run 4: Report of PCC — Data Link

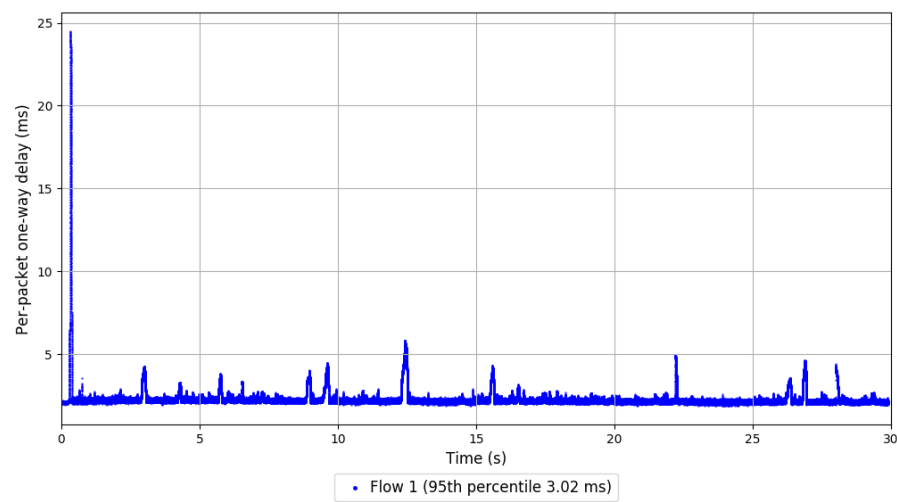
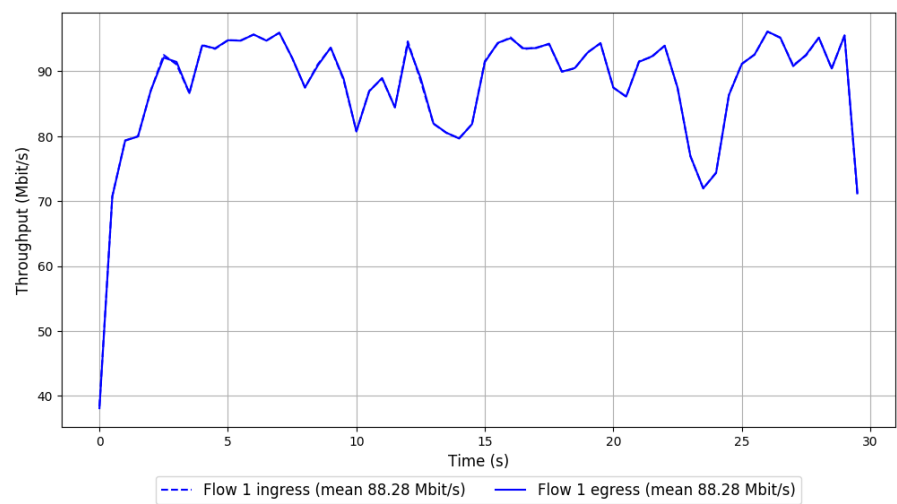


Run 5: Statistics of PCC

Start at: 2018-02-20 01:54:58
End at: 2018-02-20 01:55:28
Local clock offset: -4.333 ms
Remote clock offset: -5.806 ms

Below is generated by plot.py at 2018-02-20 04:26:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.28 Mbit/s
95th percentile per-packet one-way delay: 3.020 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 88.28 Mbit/s
95th percentile per-packet one-way delay: 3.020 ms
Loss rate: 0.00%

Run 5: Report of PCC — Data Link

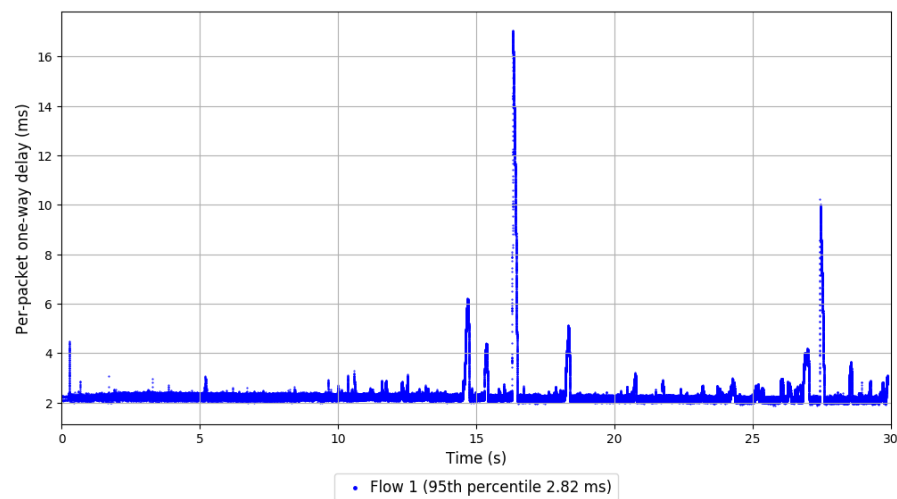
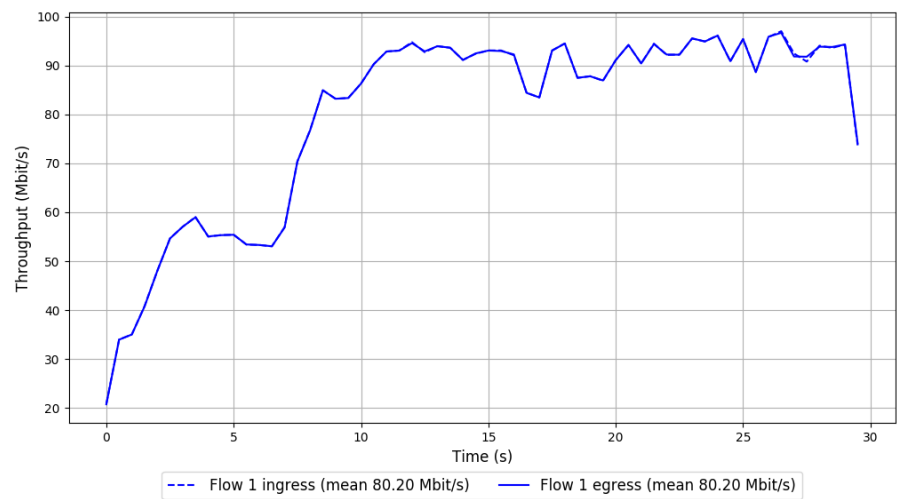


Run 6: Statistics of PCC

Start at: 2018-02-20 02:15:05
End at: 2018-02-20 02:15:35
Local clock offset: -6.588 ms
Remote clock offset: -3.993 ms

Below is generated by plot.py at 2018-02-20 04:26:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.20 Mbit/s
95th percentile per-packet one-way delay: 2.823 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.20 Mbit/s
95th percentile per-packet one-way delay: 2.823 ms
Loss rate: 0.00%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2018-02-20 02:35:13

End at: 2018-02-20 02:35:43

Local clock offset: -6.557 ms

Remote clock offset: 0.127 ms

Below is generated by plot.py at 2018-02-20 04:26:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.27 Mbit/s

95th percentile per-packet one-way delay: 3.831 ms

Loss rate: 0.00%

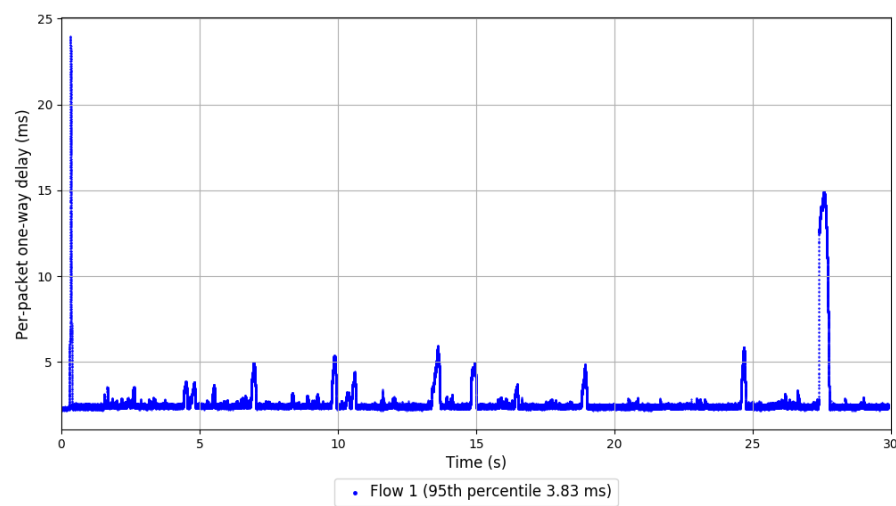
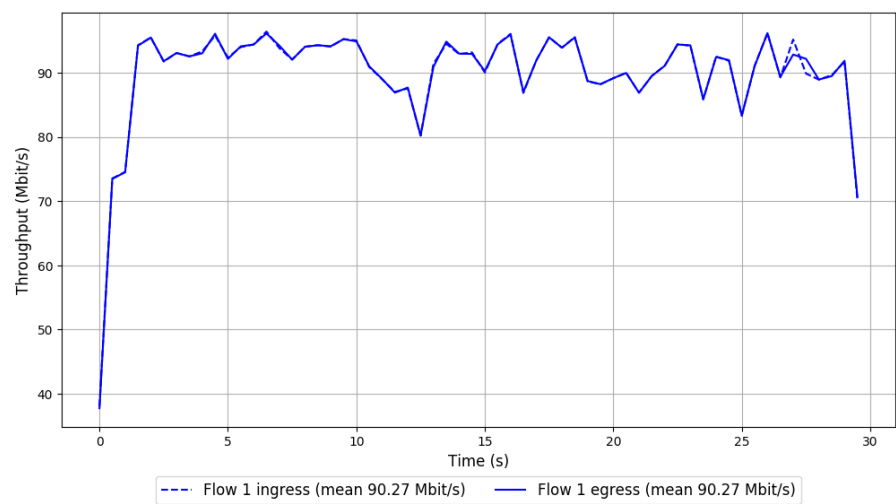
-- Flow 1:

Average throughput: 90.27 Mbit/s

95th percentile per-packet one-way delay: 3.831 ms

Loss rate: 0.00%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-02-20 02:55:34

End at: 2018-02-20 02:56:04

Local clock offset: -6.466 ms

Remote clock offset: 1.506 ms

Below is generated by plot.py at 2018-02-20 04:26:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 16.94 Mbit/s

95th percentile per-packet one-way delay: 43.516 ms

Loss rate: 0.97%

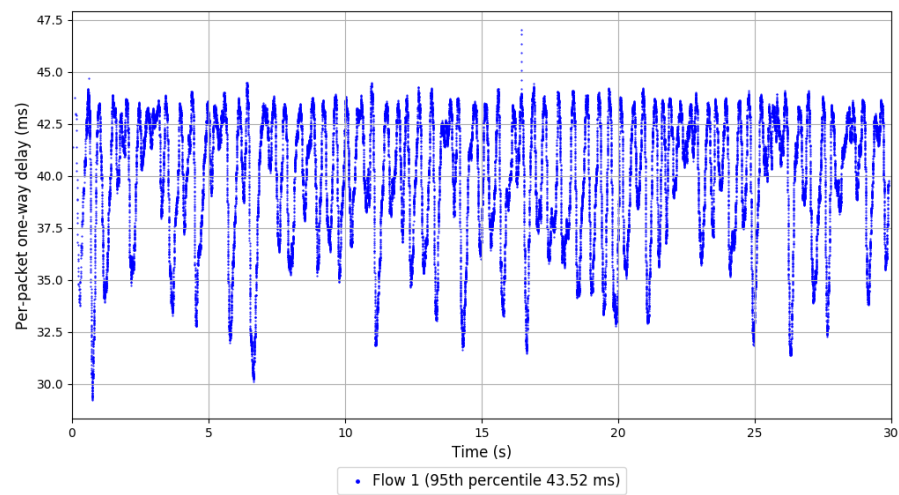
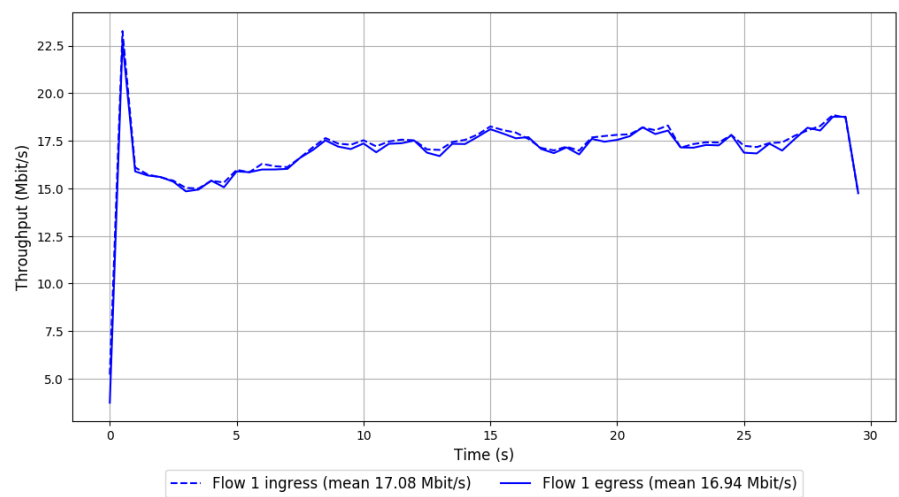
-- Flow 1:

Average throughput: 16.94 Mbit/s

95th percentile per-packet one-way delay: 43.516 ms

Loss rate: 0.97%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2018-02-20 03:15:55

End at: 2018-02-20 03:16:25

Local clock offset: -6.585 ms

Remote clock offset: 2.634 ms

Below is generated by plot.py at 2018-02-20 04:27:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.28 Mbit/s

95th percentile per-packet one-way delay: 3.858 ms

Loss rate: 0.00%

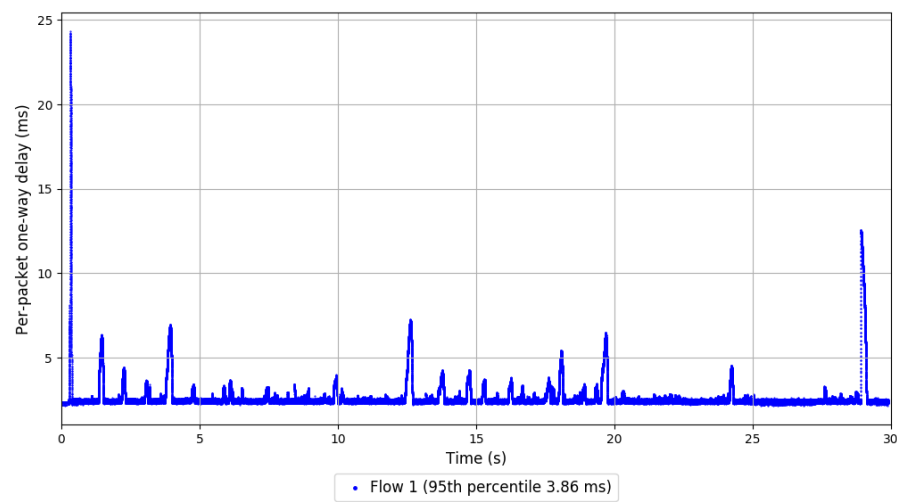
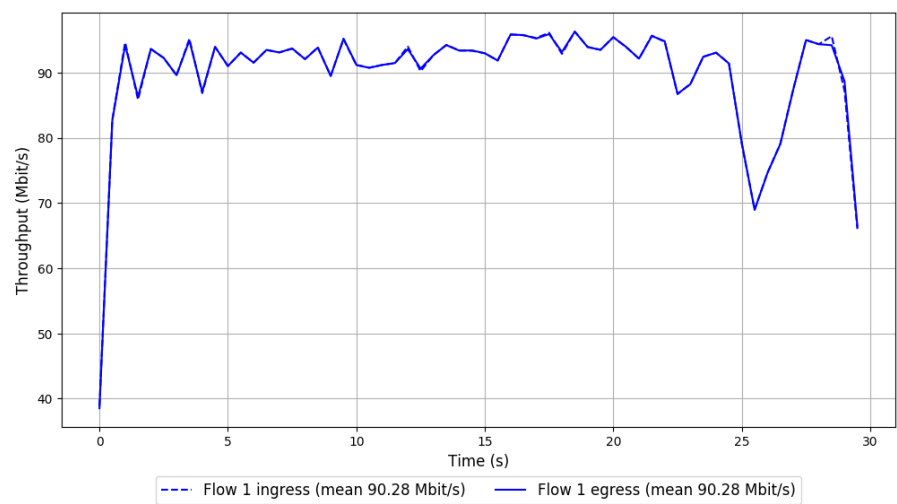
-- Flow 1:

Average throughput: 90.28 Mbit/s

95th percentile per-packet one-way delay: 3.858 ms

Loss rate: 0.00%

Run 9: Report of PCC — Data Link

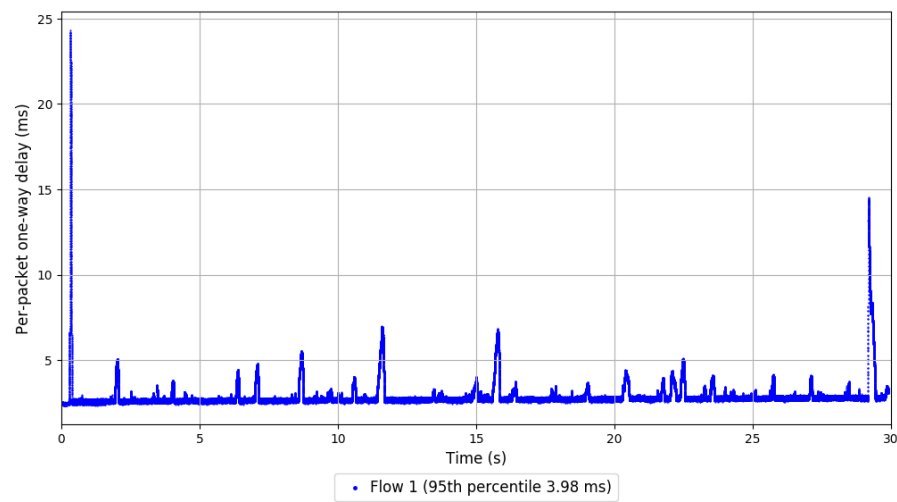
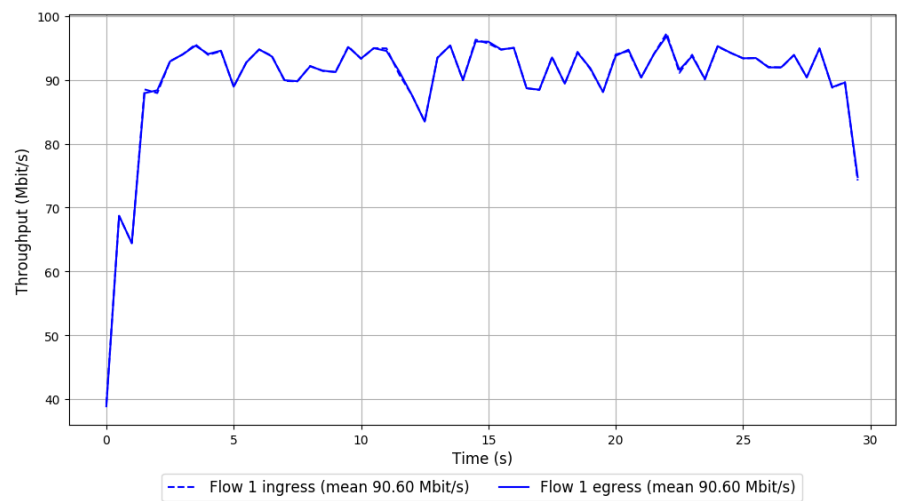


Run 10: Statistics of PCC

Start at: 2018-02-20 03:36:19
End at: 2018-02-20 03:36:49
Local clock offset: -6.719 ms
Remote clock offset: -13.105 ms

Below is generated by plot.py at 2018-02-20 04:27:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.60 Mbit/s
95th percentile per-packet one-way delay: 3.976 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.60 Mbit/s
95th percentile per-packet one-way delay: 3.976 ms
Loss rate: 0.00%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

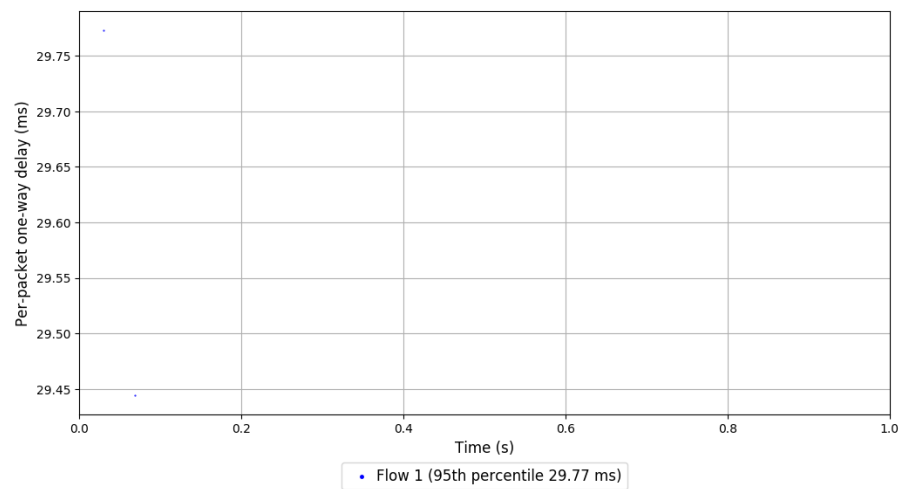
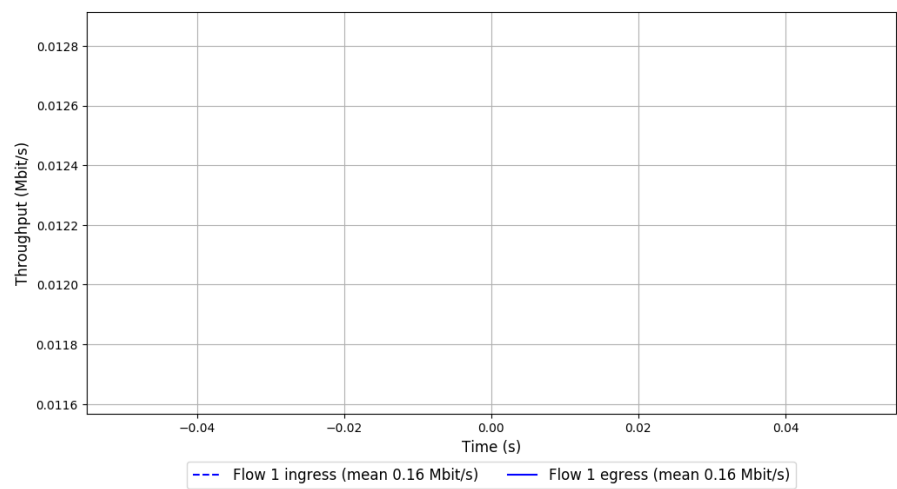
Start at: 2018-02-20 00:34:23

End at: 2018-02-20 00:34:53

Local clock offset: -6.701 ms

Remote clock offset: -6.582 ms

Run 1: Report of QUIC Cubic — Data Link

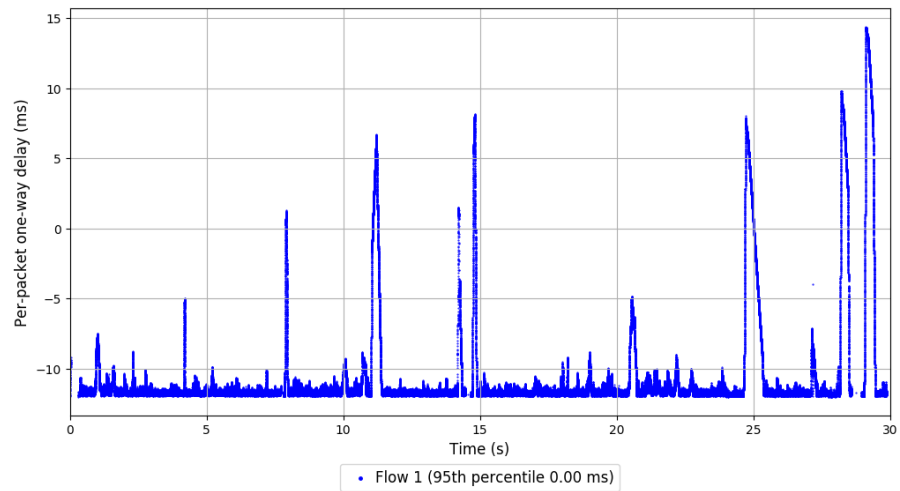
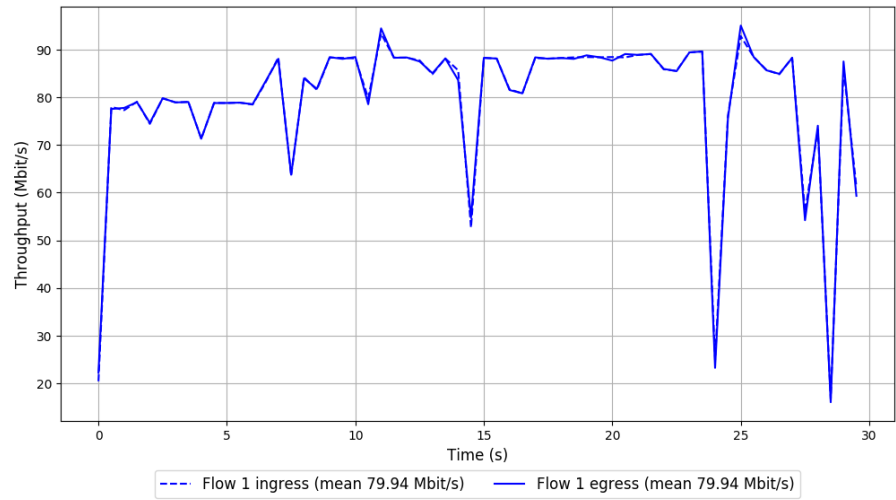


Run 2: Statistics of QUIC Cubic

Start at: 2018-02-20 00:55:06
End at: 2018-02-20 00:55:36
Local clock offset: -7.325 ms
Remote clock offset: -14.652 ms

Below is generated by plot.py at 2018-02-20 04:27:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.94 Mbit/s
95th percentile per-packet one-way delay: 0.003 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 79.94 Mbit/s
95th percentile per-packet one-way delay: 0.003 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-02-20 01:15:42

End at: 2018-02-20 01:16:12

Local clock offset: -7.979 ms

Remote clock offset: -4.305 ms

Below is generated by plot.py at 2018-02-20 04:27:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.77 Mbit/s

95th percentile per-packet one-way delay: 23.764 ms

Loss rate: 0.04%

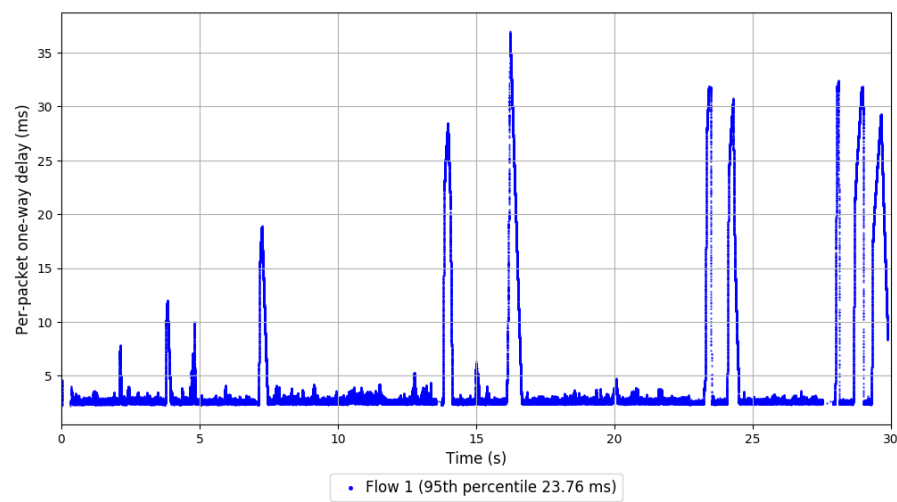
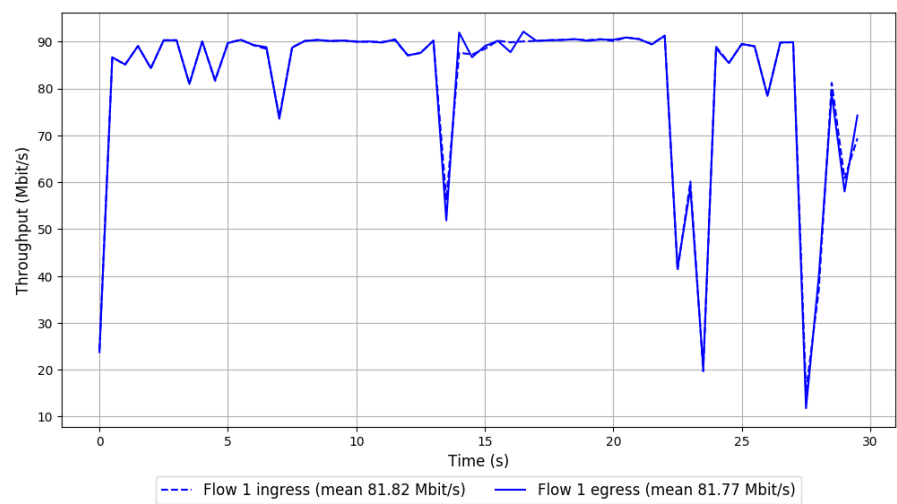
-- Flow 1:

Average throughput: 81.77 Mbit/s

95th percentile per-packet one-way delay: 23.764 ms

Loss rate: 0.04%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-02-20 01:36:02

End at: 2018-02-20 01:36:32

Local clock offset: -4.32 ms

Remote clock offset: -6.03 ms

Below is generated by plot.py at 2018-02-20 04:27:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.66 Mbit/s

95th percentile per-packet one-way delay: 43.818 ms

Loss rate: 5.40%

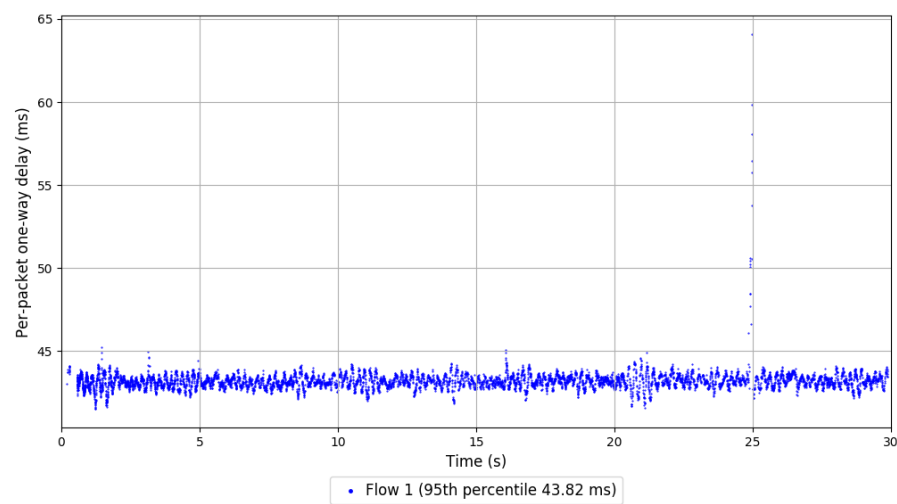
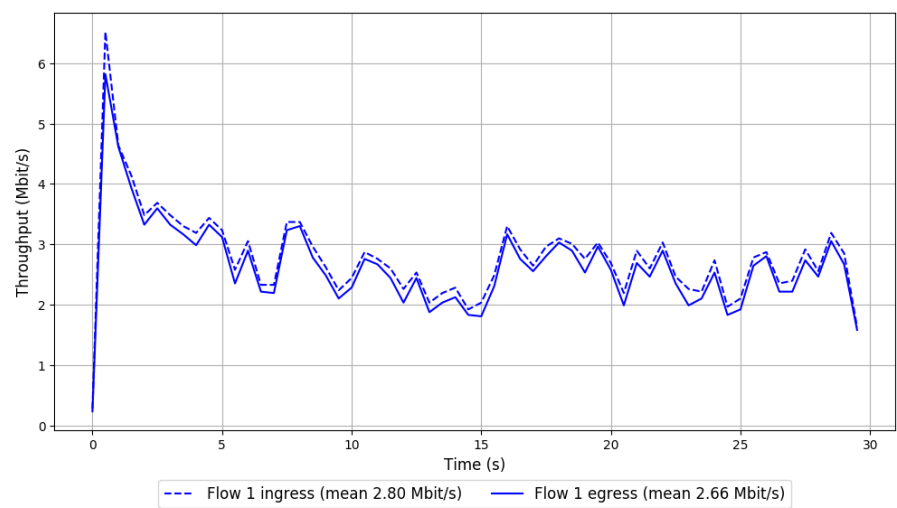
-- Flow 1:

Average throughput: 2.66 Mbit/s

95th percentile per-packet one-way delay: 43.818 ms

Loss rate: 5.40%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-02-20 01:56:04

End at: 2018-02-20 01:56:34

Local clock offset: -4.659 ms

Remote clock offset: -5.743 ms

Below is generated by plot.py at 2018-02-20 04:27:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.20 Mbit/s

95th percentile per-packet one-way delay: 17.719 ms

Loss rate: 0.01%

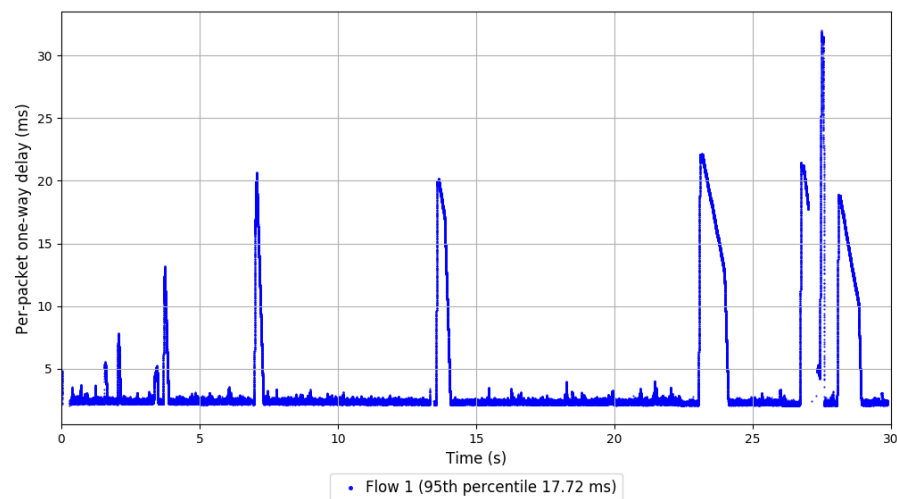
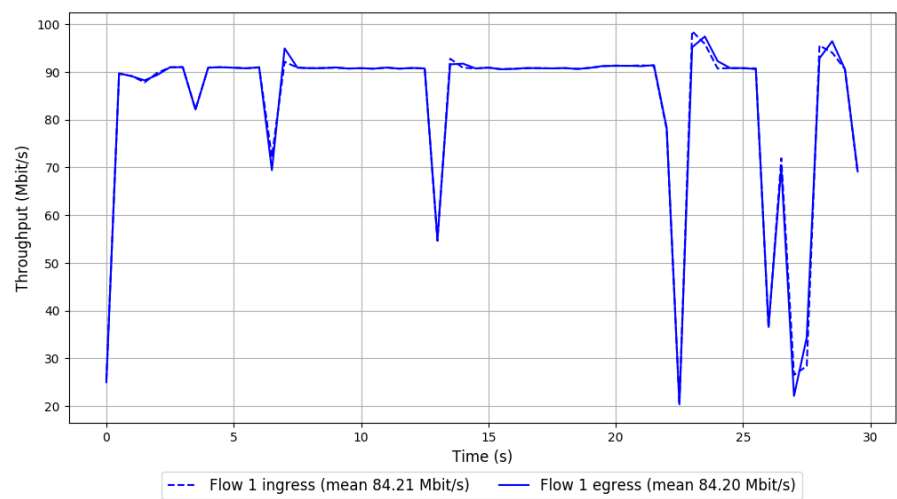
-- Flow 1:

Average throughput: 84.20 Mbit/s

95th percentile per-packet one-way delay: 17.719 ms

Loss rate: 0.01%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-02-20 02:16:11

End at: 2018-02-20 02:16:41

Local clock offset: -6.6 ms

Remote clock offset: -23.62 ms

Below is generated by plot.py at 2018-02-20 04:27:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.54 Mbit/s

95th percentile per-packet one-way delay: 1.952 ms

Loss rate: 0.10%

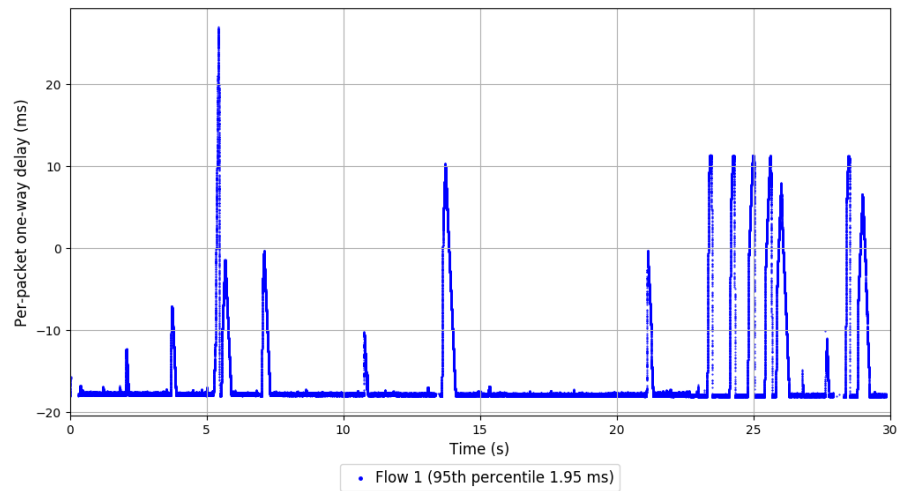
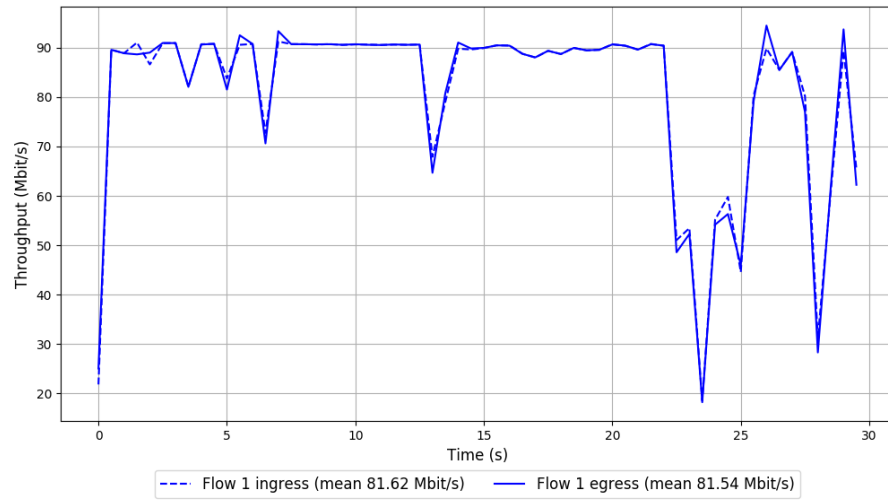
-- Flow 1:

Average throughput: 81.54 Mbit/s

95th percentile per-packet one-way delay: 1.952 ms

Loss rate: 0.10%

Run 6: Report of QUIC Cubic — Data Link

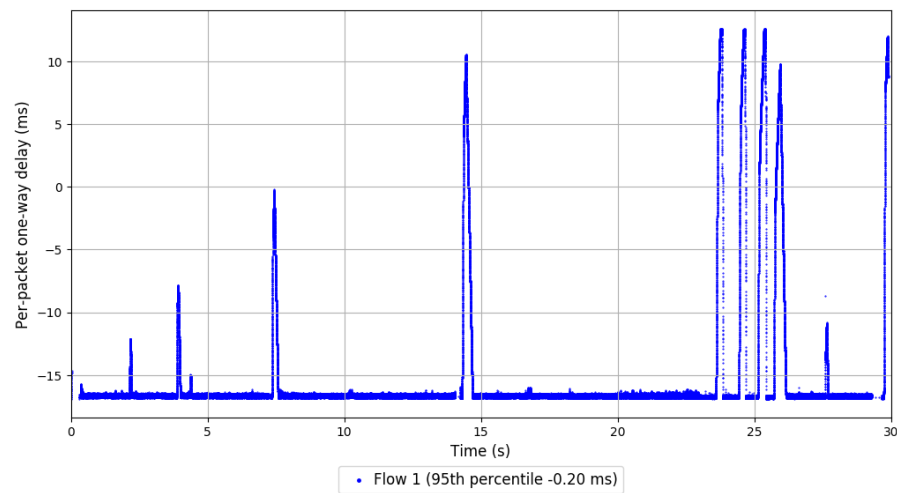
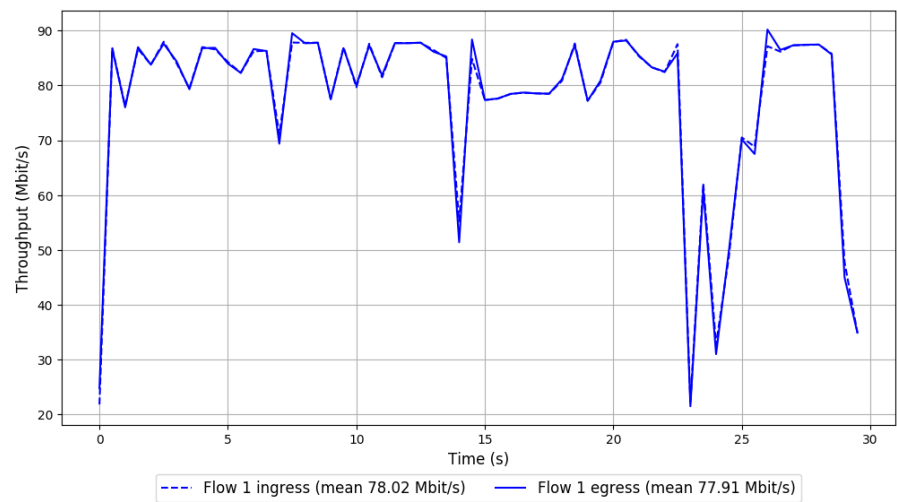


Run 7: Statistics of QUIC Cubic

Start at: 2018-02-20 02:36:20
End at: 2018-02-20 02:36:50
Local clock offset: -6.563 ms
Remote clock offset: -18.882 ms

Below is generated by plot.py at 2018-02-20 04:27:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.91 Mbit/s
95th percentile per-packet one-way delay: -0.200 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 77.91 Mbit/s
95th percentile per-packet one-way delay: -0.200 ms
Loss rate: 0.05%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-02-20 02:56:38

End at: 2018-02-20 02:57:08

Local clock offset: -6.471 ms

Remote clock offset: 1.56 ms

Below is generated by plot.py at 2018-02-20 04:27:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.75 Mbit/s

95th percentile per-packet one-way delay: 17.936 ms

Loss rate: 0.03%

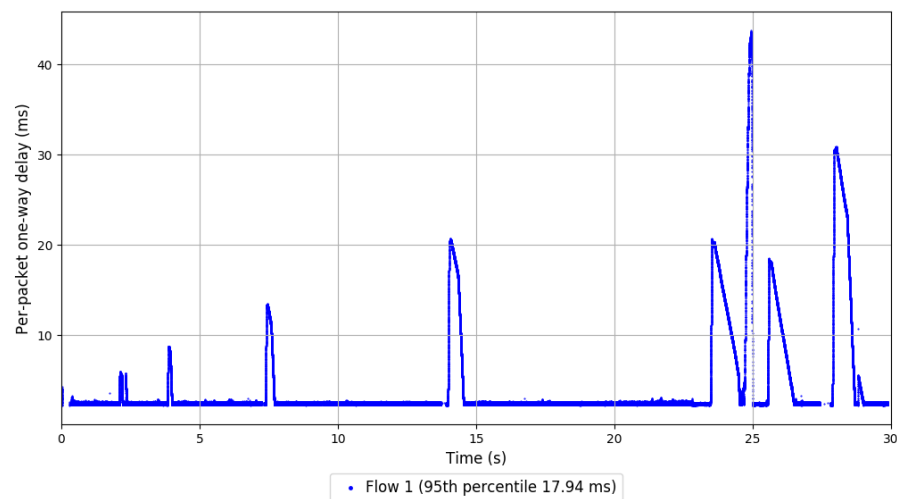
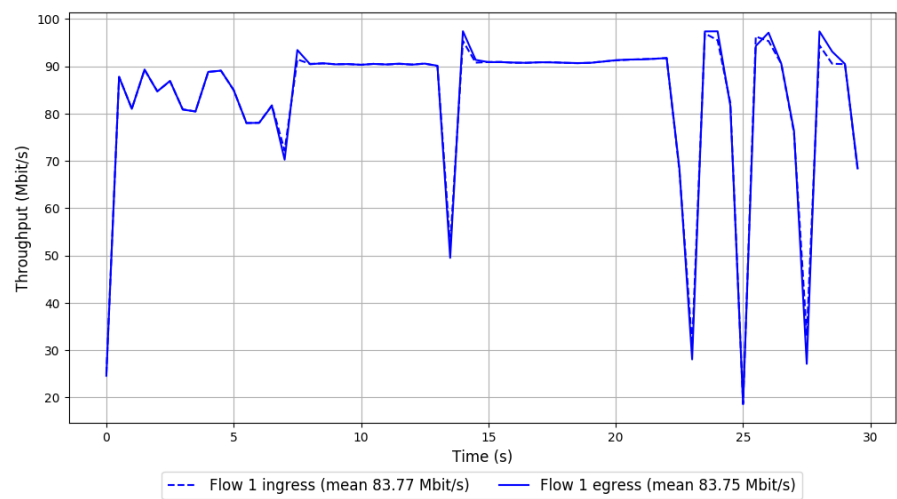
-- Flow 1:

Average throughput: 83.75 Mbit/s

95th percentile per-packet one-way delay: 17.936 ms

Loss rate: 0.03%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-02-20 03:17:01

End at: 2018-02-20 03:17:31

Local clock offset: -6.583 ms

Remote clock offset: 2.689 ms

Below is generated by plot.py at 2018-02-20 04:28:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.09 Mbit/s

95th percentile per-packet one-way delay: 17.290 ms

Loss rate: 0.05%

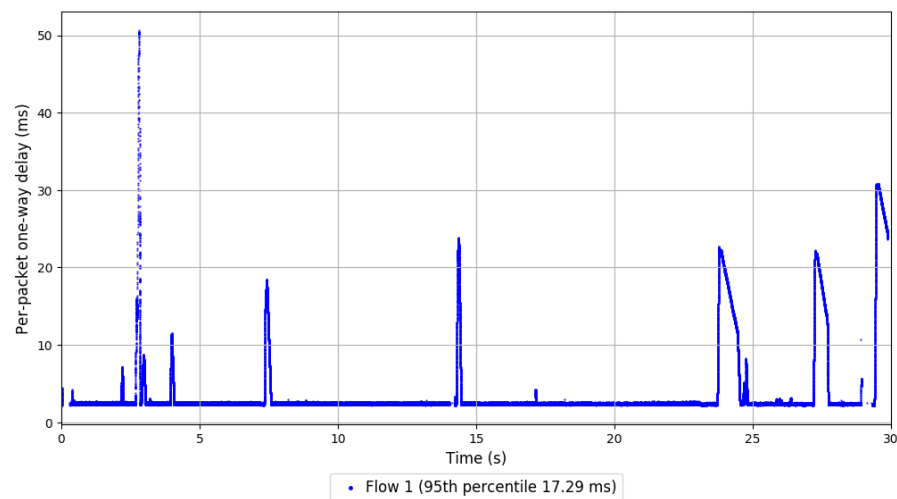
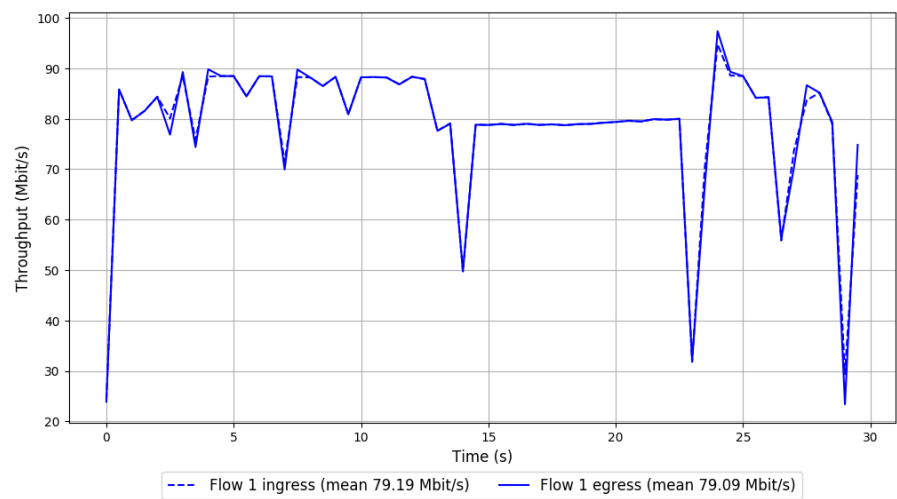
-- Flow 1:

Average throughput: 79.09 Mbit/s

95th percentile per-packet one-way delay: 17.290 ms

Loss rate: 0.05%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-20 03:37:25

End at: 2018-02-20 03:37:55

Local clock offset: -6.661 ms

Remote clock offset: -13.607 ms

Below is generated by plot.py at 2018-02-20 04:28:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.81 Mbit/s

95th percentile per-packet one-way delay: 5.054 ms

Loss rate: 0.00%

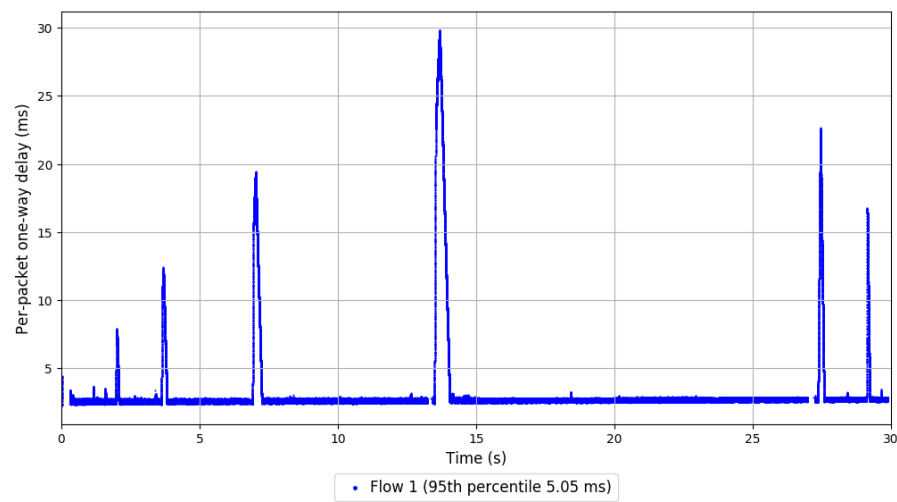
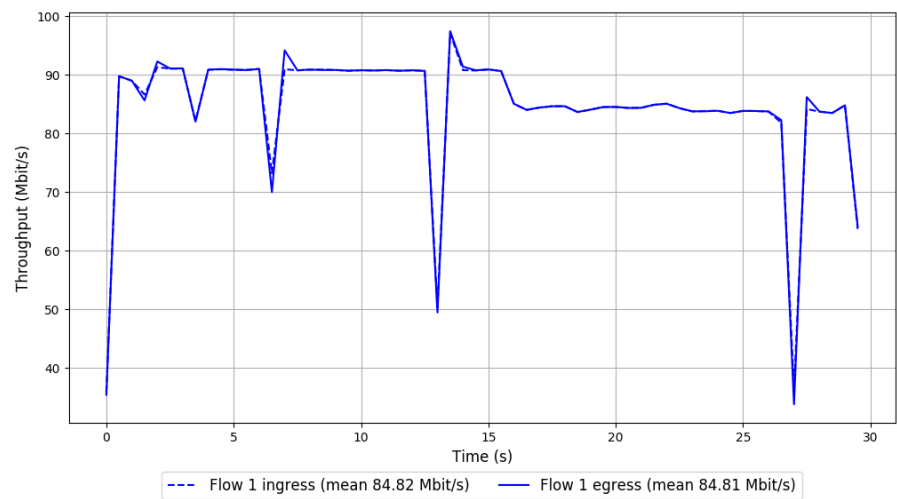
-- Flow 1:

Average throughput: 84.81 Mbit/s

95th percentile per-packet one-way delay: 5.054 ms

Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

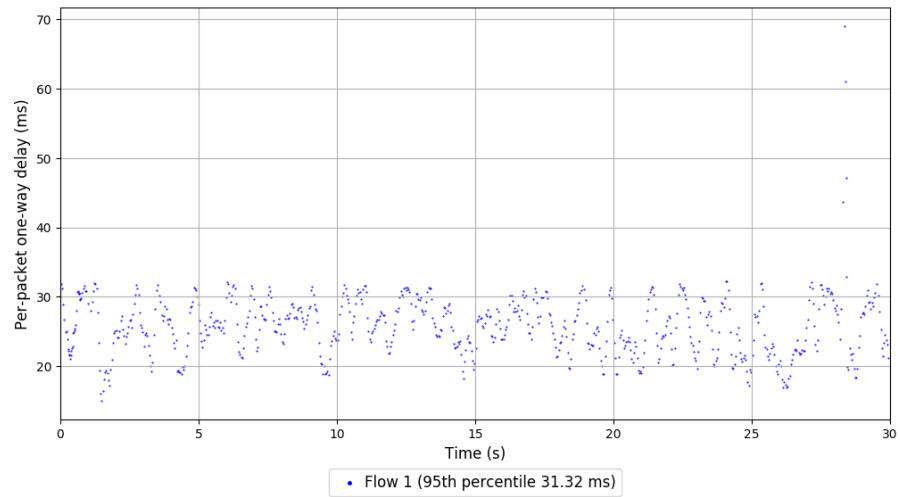
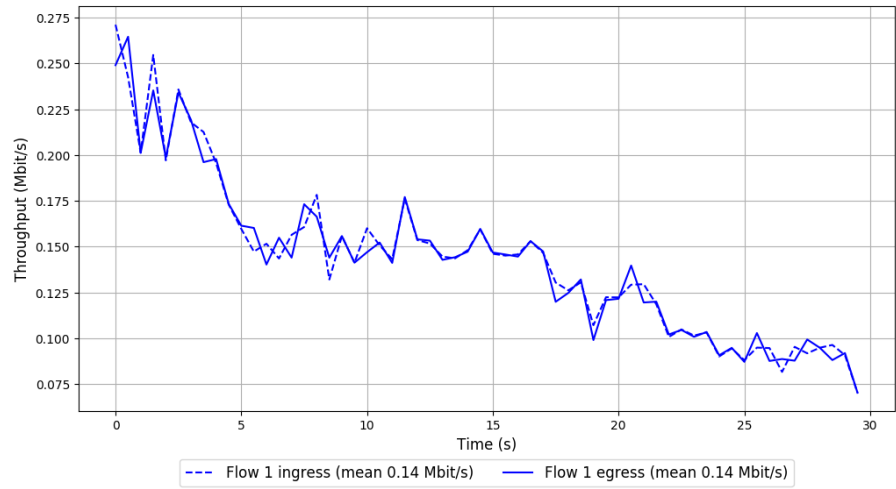


Run 1: Statistics of SCReAM

Start at: 2018-02-20 00:35:28
End at: 2018-02-20 00:35:58
Local clock offset: -6.659 ms
Remote clock offset: -10.72 ms

Below is generated by plot.py at 2018-02-20 04:28:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 31.325 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 31.325 ms
Loss rate: 0.54%

Run 1: Report of SReAM — Data Link

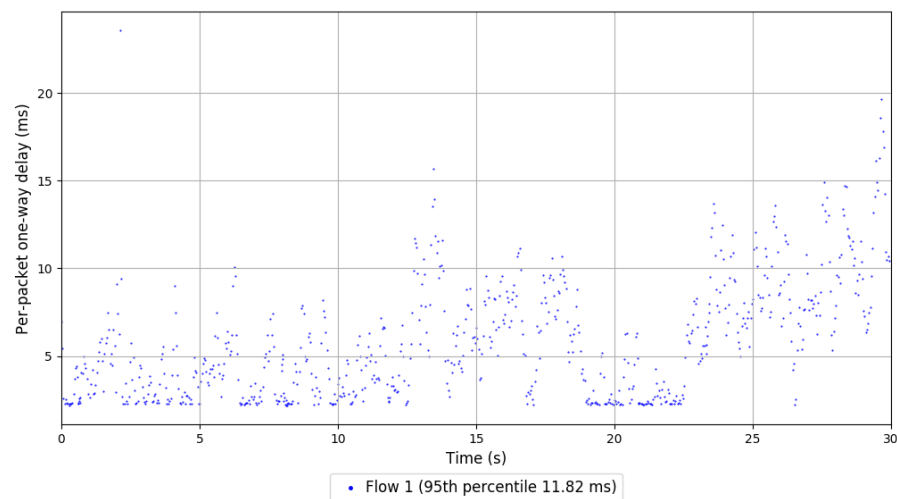
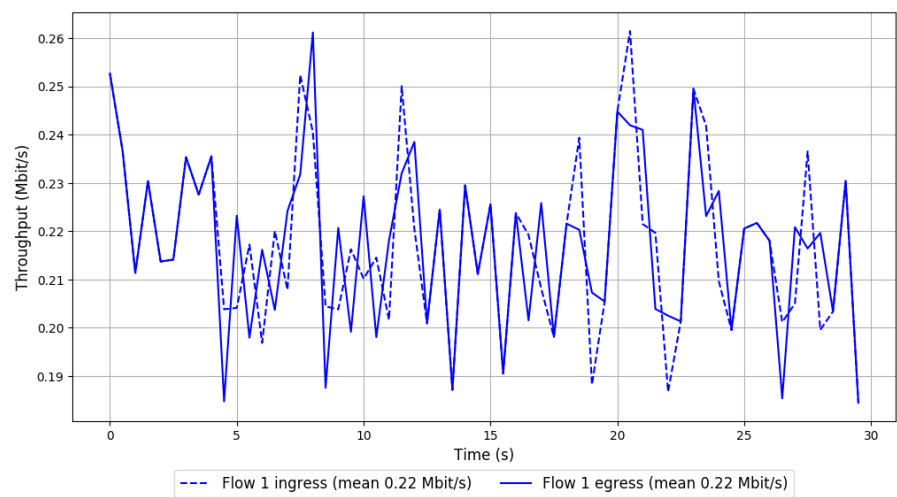


Run 2: Statistics of SCReAM

Start at: 2018-02-20 00:56:14
End at: 2018-02-20 00:56:44
Local clock offset: -7.365 ms
Remote clock offset: -0.446 ms

Below is generated by plot.py at 2018-02-20 04:28:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 11.819 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 11.819 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

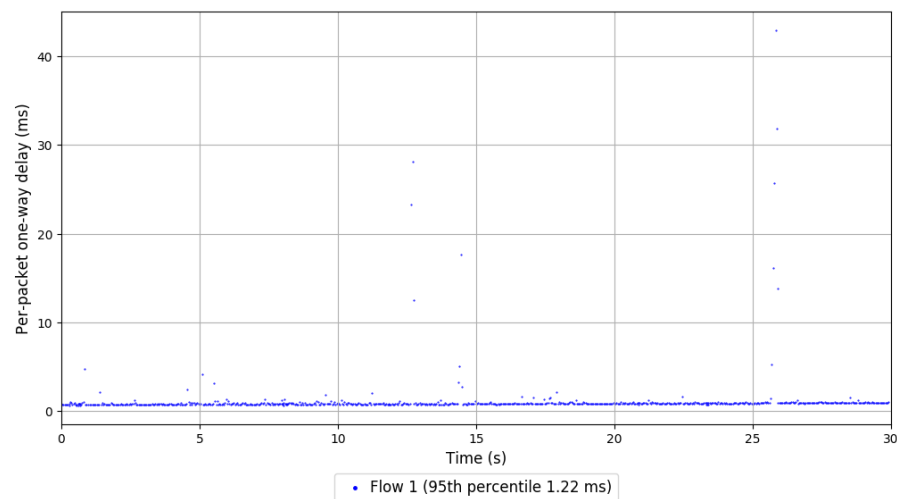
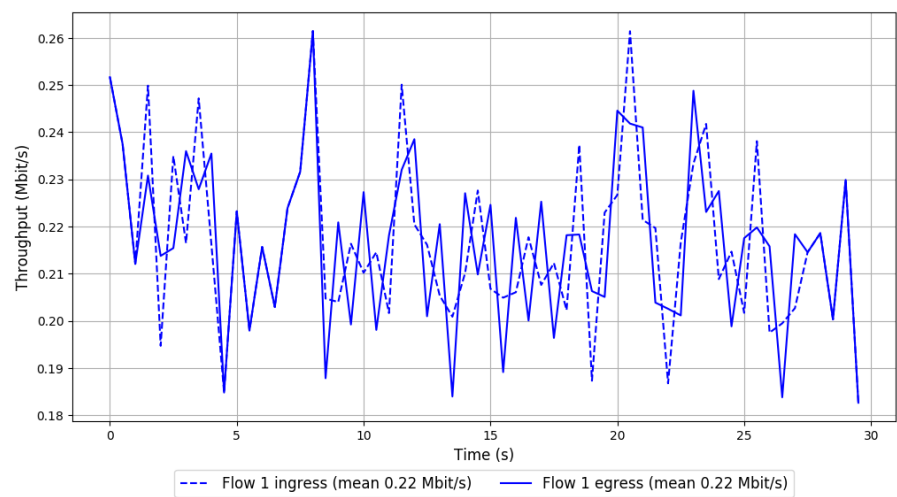


Run 3: Statistics of SCReAM

Start at: 2018-02-20 01:16:50
End at: 2018-02-20 01:17:20
Local clock offset: -8.025 ms
Remote clock offset: -6.109 ms

Below is generated by plot.py at 2018-02-20 04:28:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.217 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 1.217 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

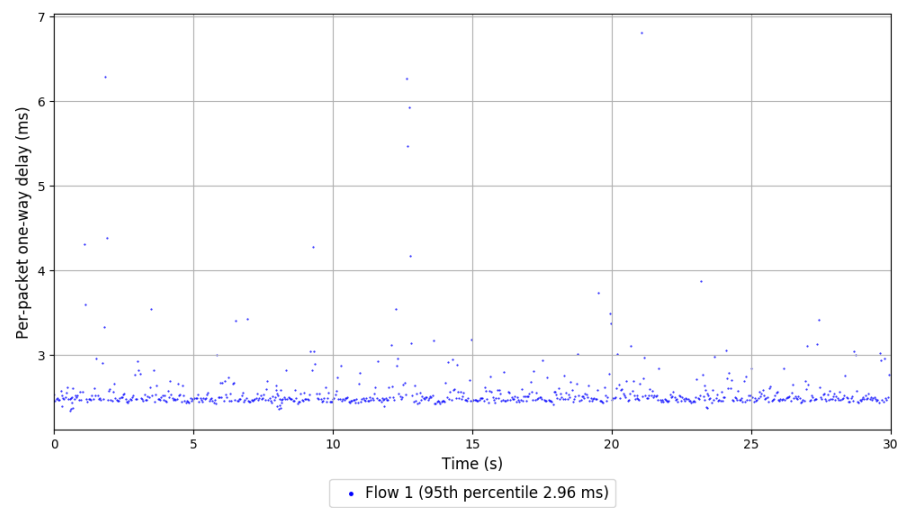
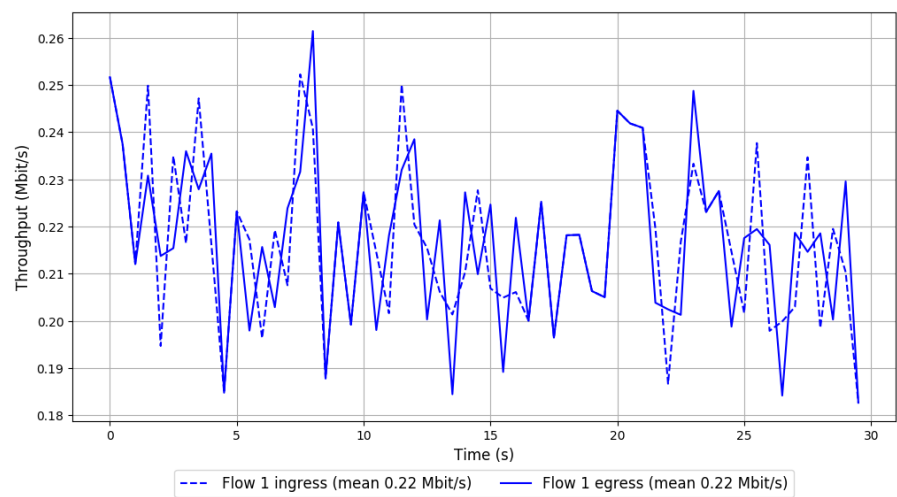


Run 4: Statistics of SCReAM

Start at: 2018-02-20 01:37:06
End at: 2018-02-20 01:37:36
Local clock offset: -4.249 ms
Remote clock offset: -6.054 ms

Below is generated by plot.py at 2018-02-20 04:28:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.962 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.962 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

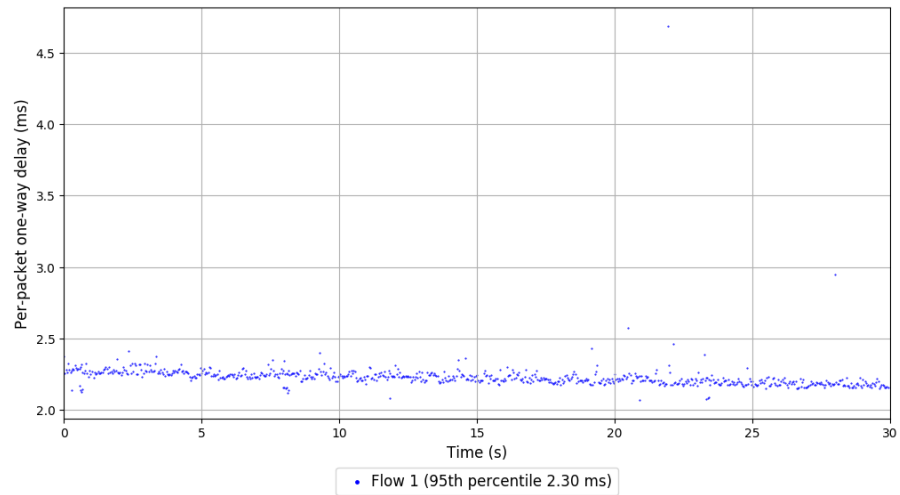
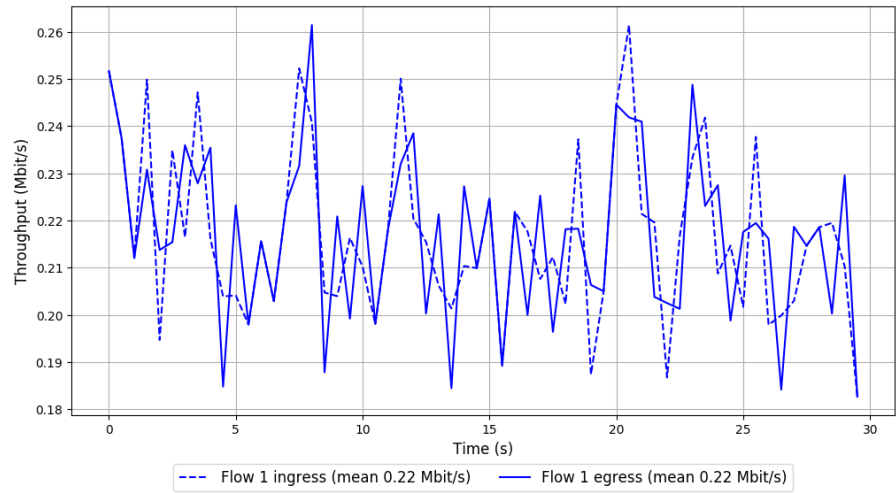


Run 5: Statistics of SCReAM

Start at: 2018-02-20 01:57:12
End at: 2018-02-20 01:57:42
Local clock offset: -4.913 ms
Remote clock offset: -5.724 ms

Below is generated by plot.py at 2018-02-20 04:28:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.301 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.301 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-02-20 02:17:19

End at: 2018-02-20 02:17:49

Local clock offset: -6.68 ms

Remote clock offset: -3.17 ms

Below is generated by plot.py at 2018-02-20 04:28:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.208 ms

Loss rate: 0.00%

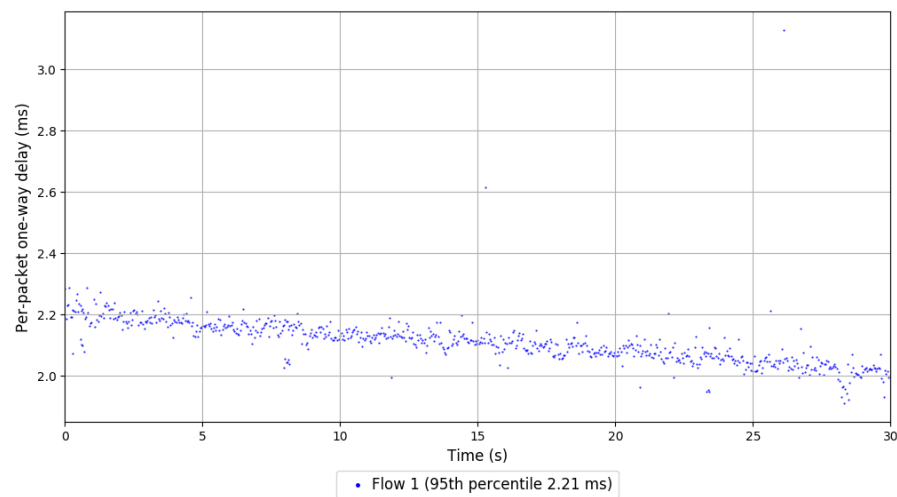
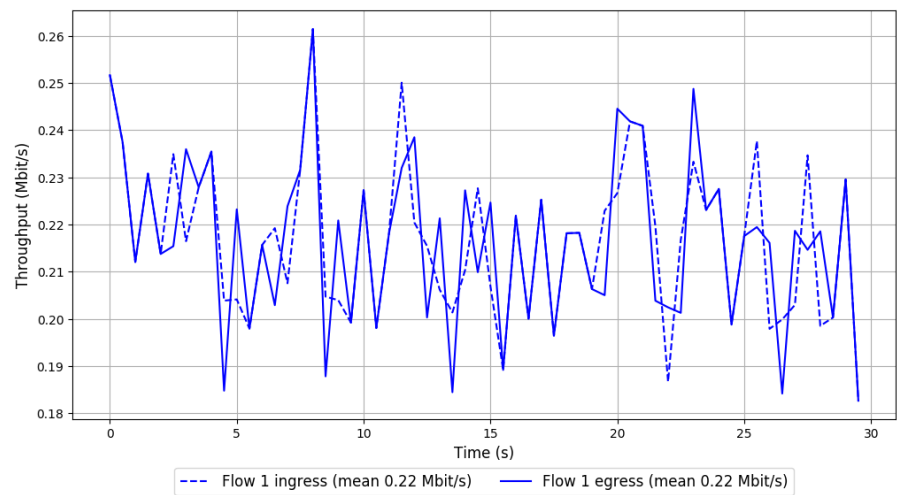
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.208 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

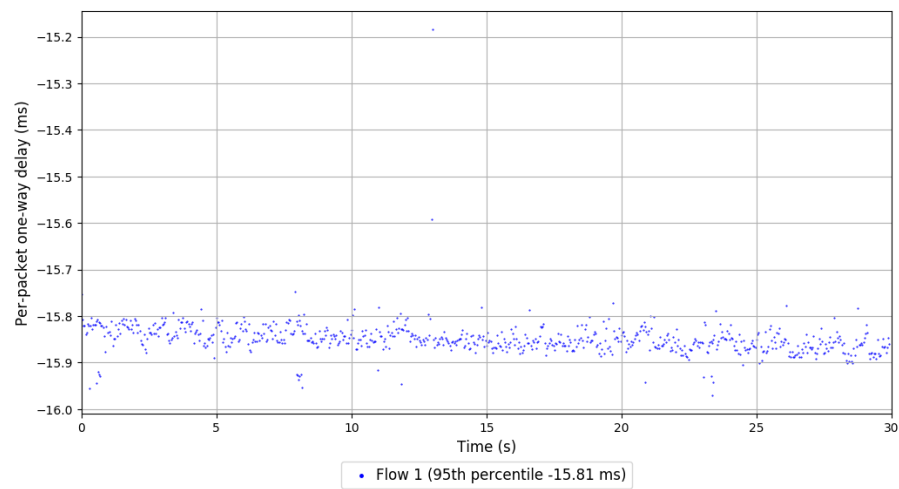
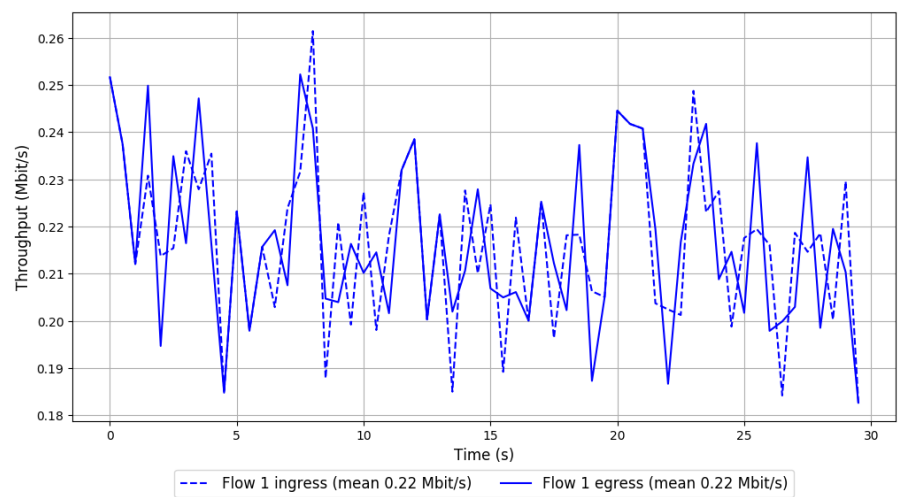


Run 7: Statistics of SCReAM

Start at: 2018-02-20 02:37:27
End at: 2018-02-20 02:37:57
Local clock offset: -6.536 ms
Remote clock offset: -17.846 ms

Below is generated by plot.py at 2018-02-20 04:28:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -15.808 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: -15.808 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-02-20 02:57:45

End at: 2018-02-20 02:58:15

Local clock offset: -6.487 ms

Remote clock offset: 1.55 ms

Below is generated by plot.py at 2018-02-20 04:28:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.280 ms

Loss rate: 0.00%

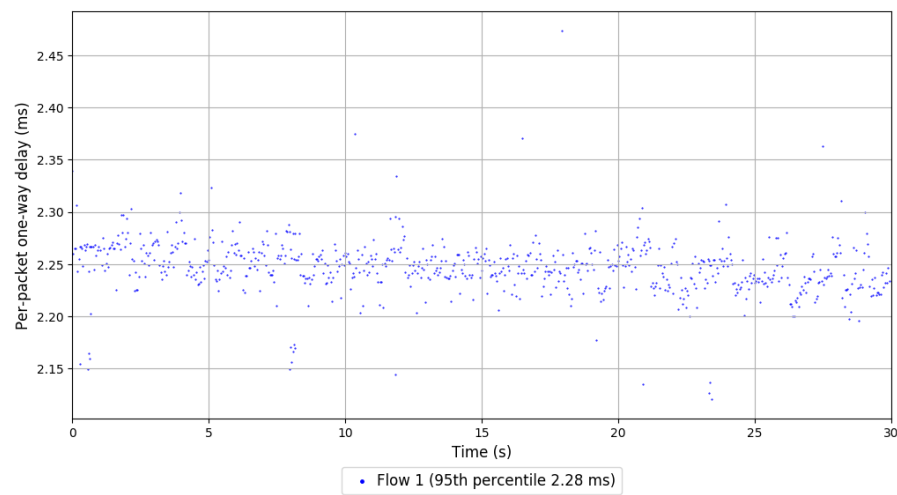
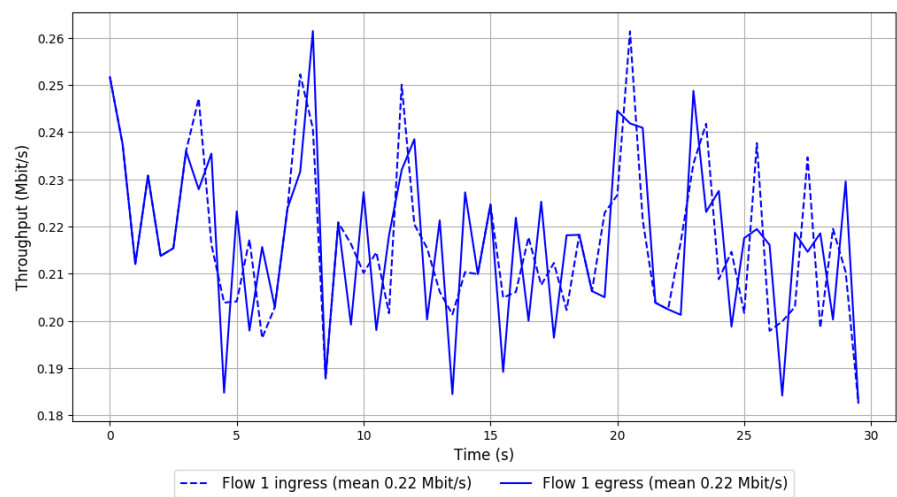
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.280 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SCReAM

Start at: 2018-02-20 03:18:09

End at: 2018-02-20 03:18:39

Local clock offset: -6.659 ms

Remote clock offset: 2.754 ms

Below is generated by plot.py at 2018-02-20 04:28:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.397 ms

Loss rate: 0.00%

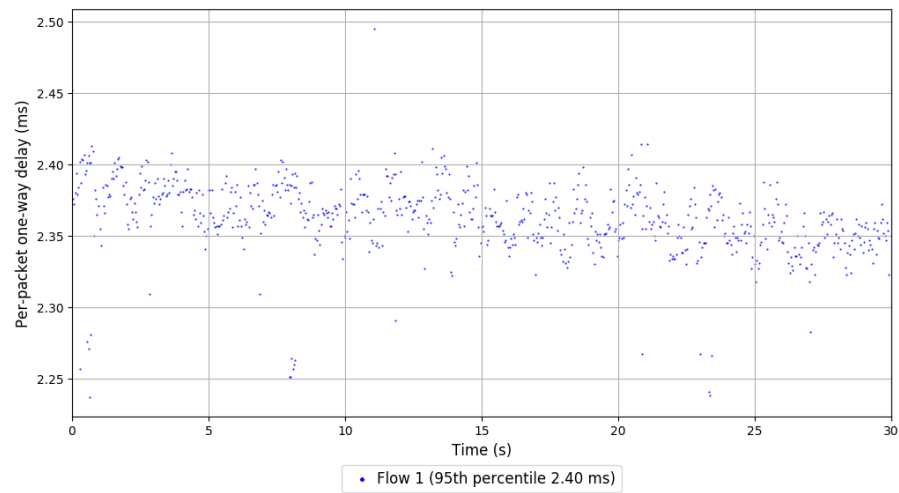
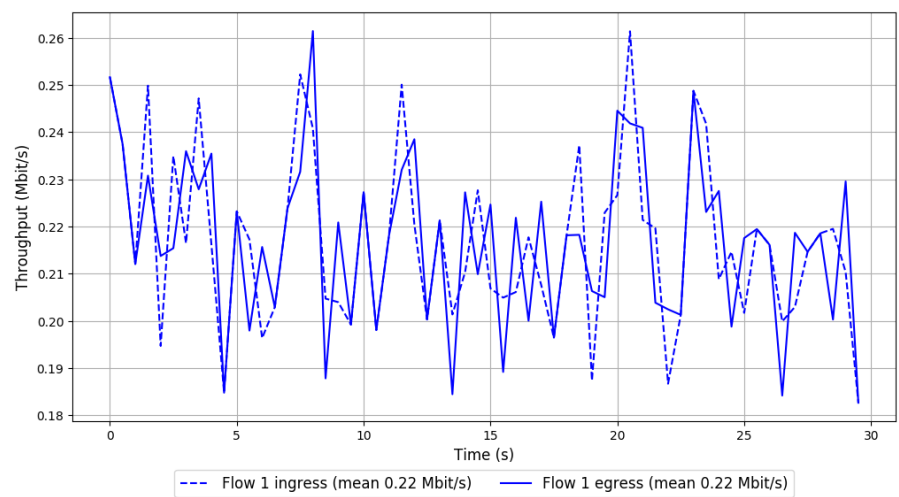
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.397 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

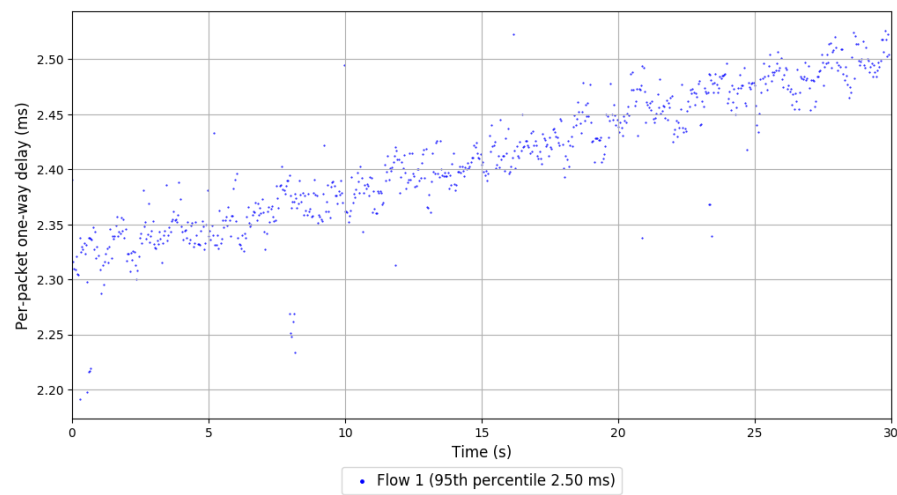
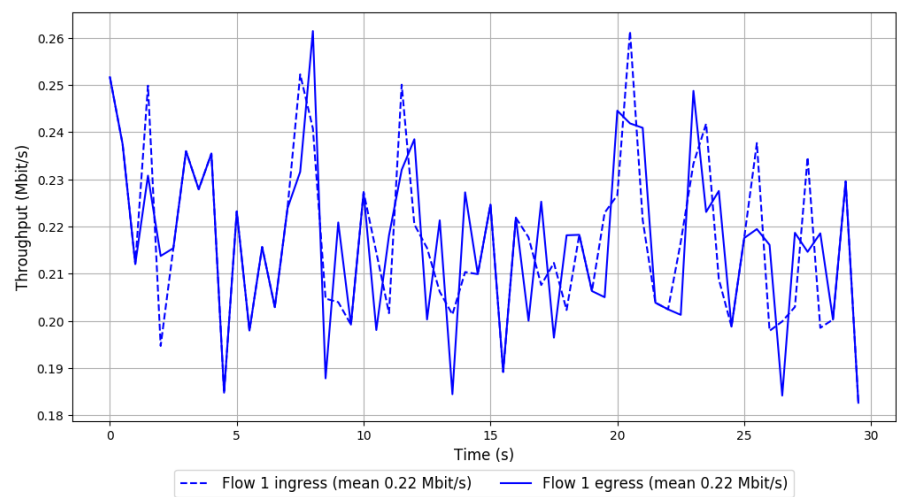


Run 10: Statistics of SReAM

Start at: 2018-02-20 03:38:33
End at: 2018-02-20 03:39:03
Local clock offset: -6.657 ms
Remote clock offset: -14.129 ms

Below is generated by plot.py at 2018-02-20 04:28:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.497 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.497 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

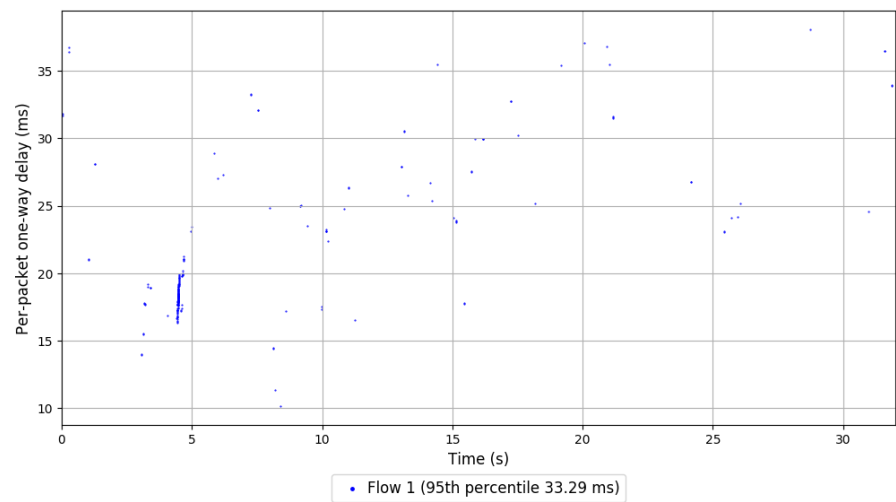
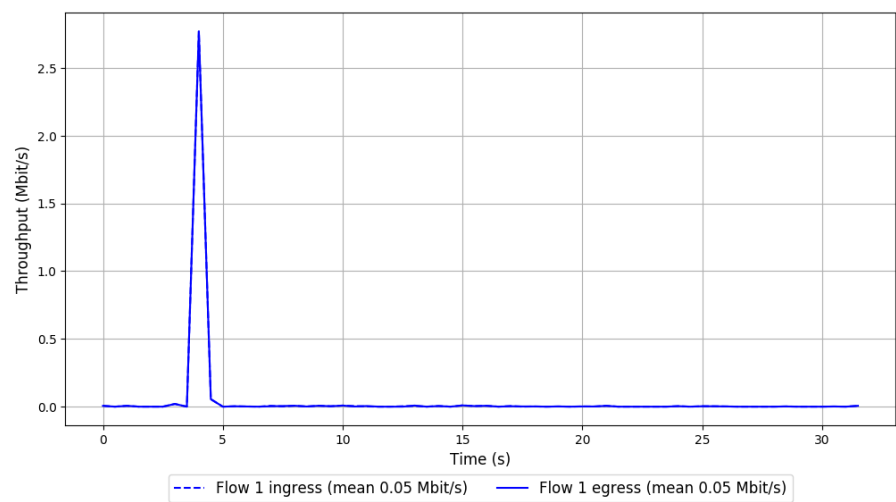


```
Run 1: Statistics of WebRTC media

Start at: 2018-02-20 00:43:49
End at: 2018-02-20 00:44:19
Local clock offset: -6.826 ms
Remote clock offset: -0.517 ms

# Below is generated by plot.py at 2018-02-20 04:28:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 33.288 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 33.288 ms
Loss rate: 0.00%
```


Run 1: Report of WebRTC media — Data Link

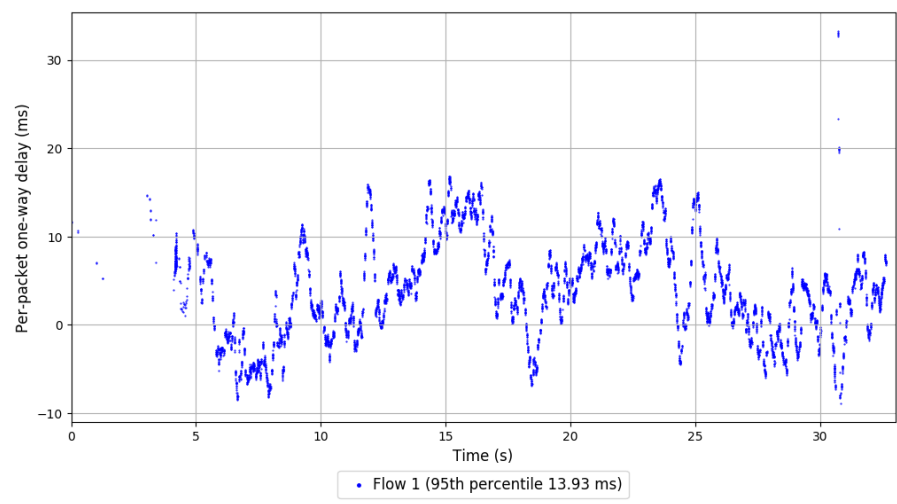
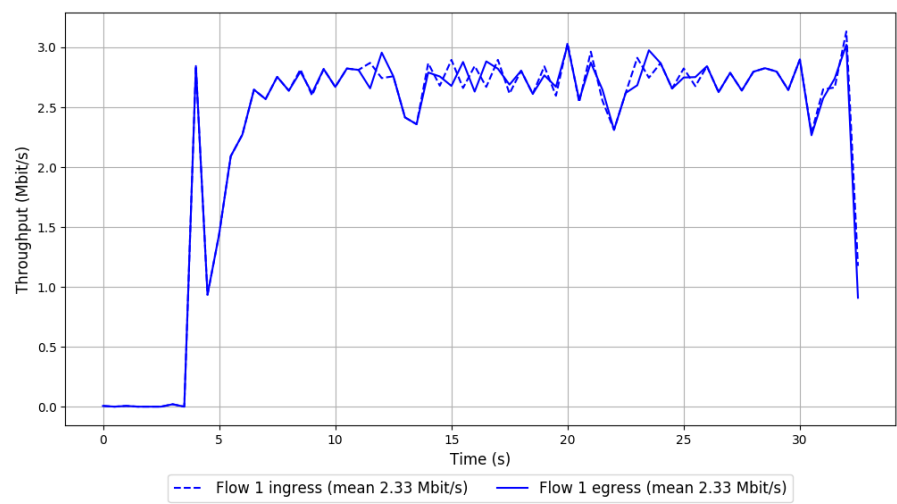


Run 2: Statistics of WebRTC media

Start at: 2018-02-20 01:04:25
End at: 2018-02-20 01:04:55
Local clock offset: -7.626 ms
Remote clock offset: -21.422 ms

Below is generated by plot.py at 2018-02-20 04:28:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 13.933 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 13.933 ms
Loss rate: 0.26%

Run 2: Report of WebRTC media — Data Link

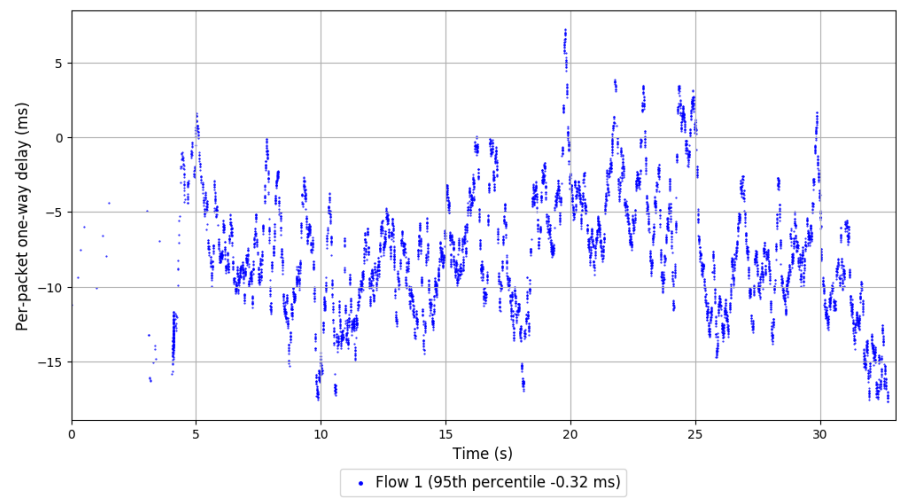
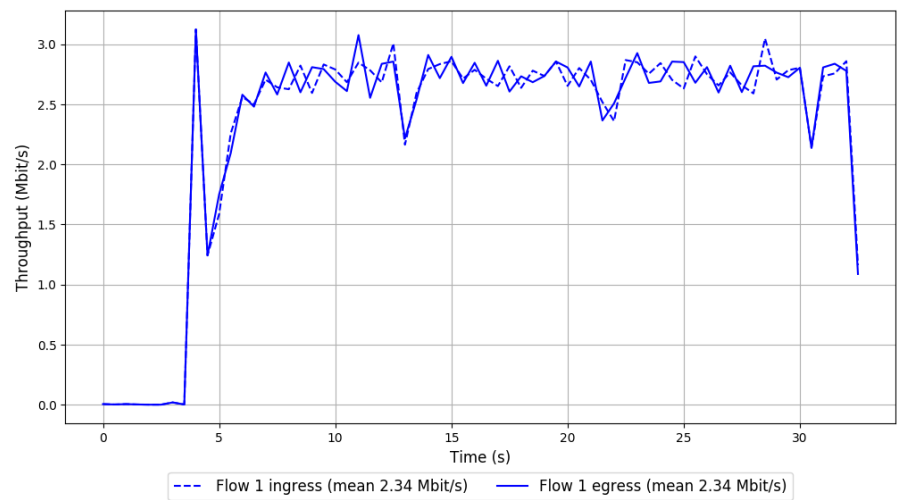


Run 3: Statistics of WebRTC media

Start at: 2018-02-20 01:24:46
End at: 2018-02-20 01:25:16
Local clock offset: -5.786 ms
Remote clock offset: -25.626 ms

Below is generated by plot.py at 2018-02-20 04:28:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -0.321 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -0.321 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

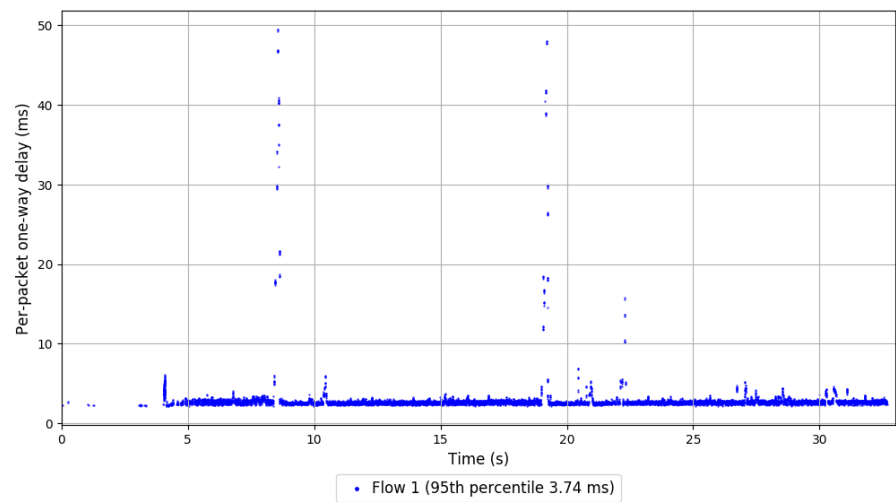
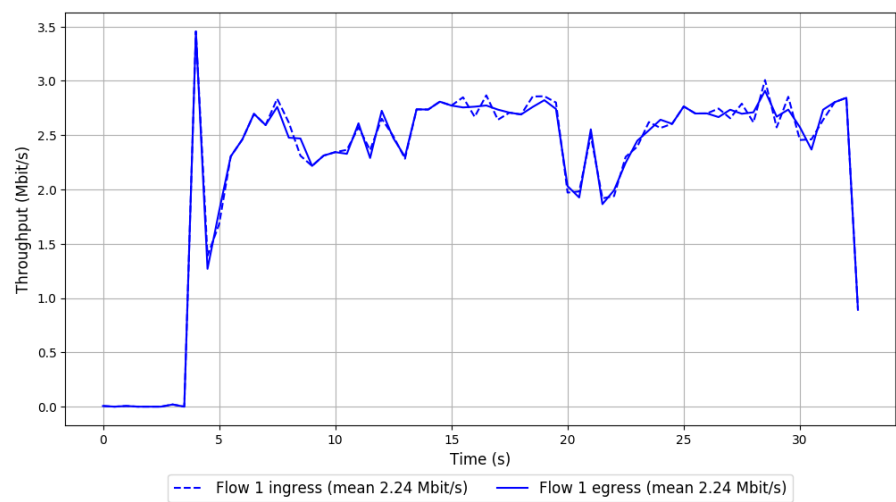


Run 4: Statistics of WebRTC media

Start at: 2018-02-20 01:44:55
End at: 2018-02-20 01:45:25
Local clock offset: -3.592 ms
Remote clock offset: -5.744 ms

Below is generated by plot.py at 2018-02-20 04:28:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 3.743 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 3.743 ms
Loss rate: 0.13%

Run 4: Report of WebRTC media — Data Link

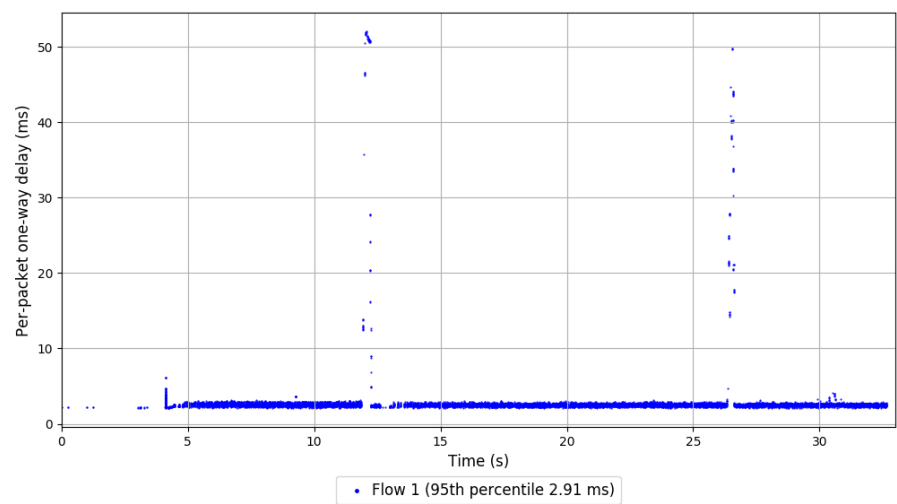
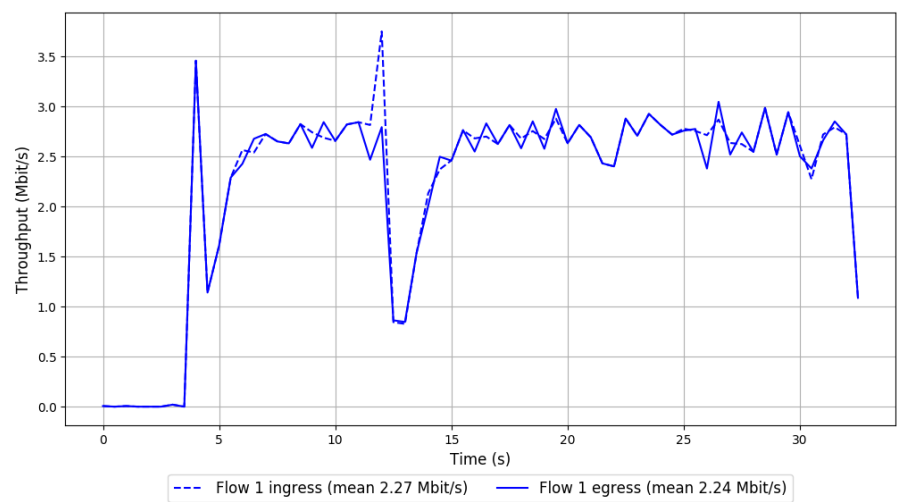


Run 5: Statistics of WebRTC media

Start at: 2018-02-20 02:04:57
End at: 2018-02-20 02:05:27
Local clock offset: -6.008 ms
Remote clock offset: -5.845 ms

Below is generated by plot.py at 2018-02-20 04:28:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 2.910 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 2.24 Mbit/s
95th percentile per-packet one-way delay: 2.910 ms
Loss rate: 0.96%

Run 5: Report of WebRTC media — Data Link

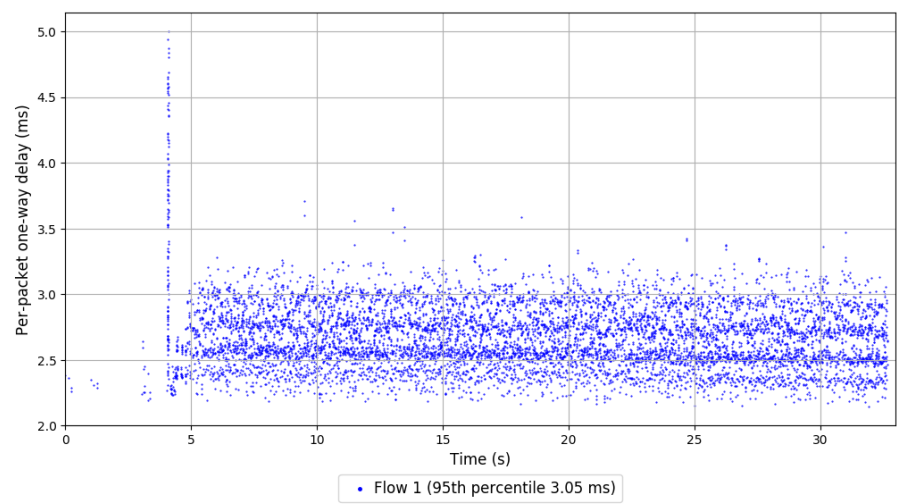
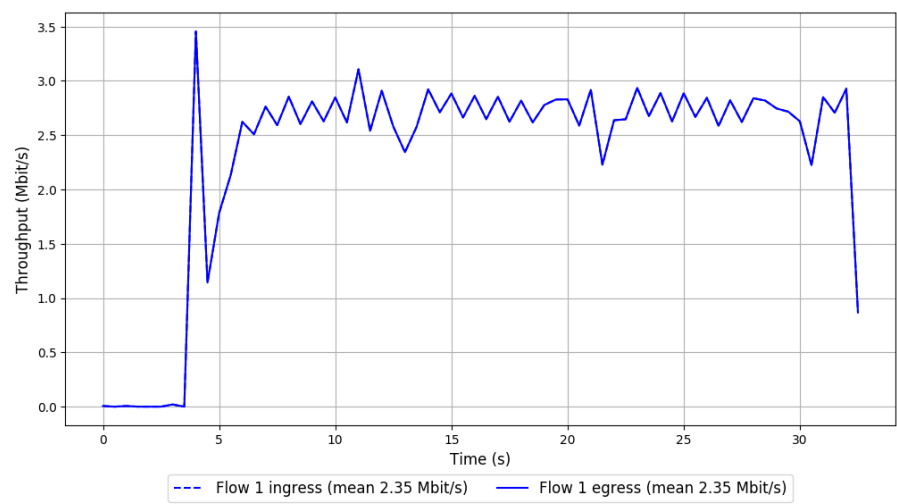


Run 6: Statistics of WebRTC media

Start at: 2018-02-20 02:25:10
End at: 2018-02-20 02:25:40
Local clock offset: -6.858 ms
Remote clock offset: -1.096 ms

Below is generated by plot.py at 2018-02-20 04:28:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 3.051 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 3.051 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-02-20 02:45:20

End at: 2018-02-20 02:45:50

Local clock offset: -6.499 ms

Remote clock offset: 0.878 ms

Below is generated by plot.py at 2018-02-20 04:28:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 2.954 ms

Loss rate: 0.00%

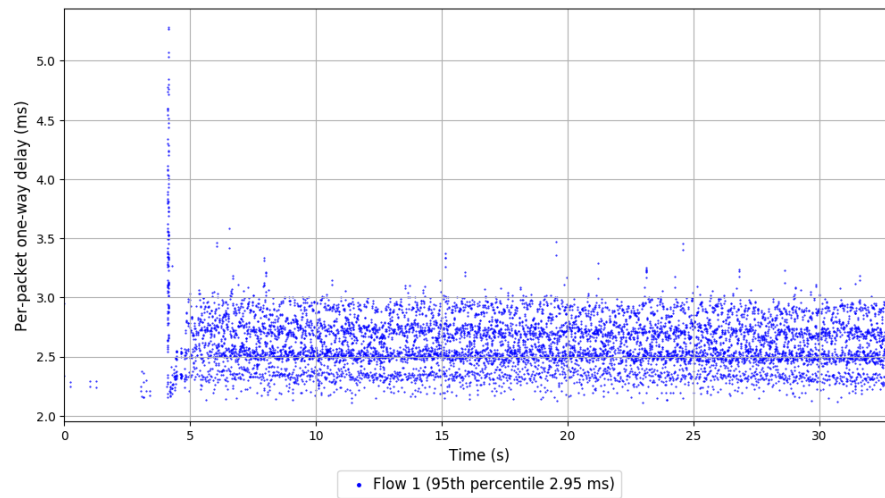
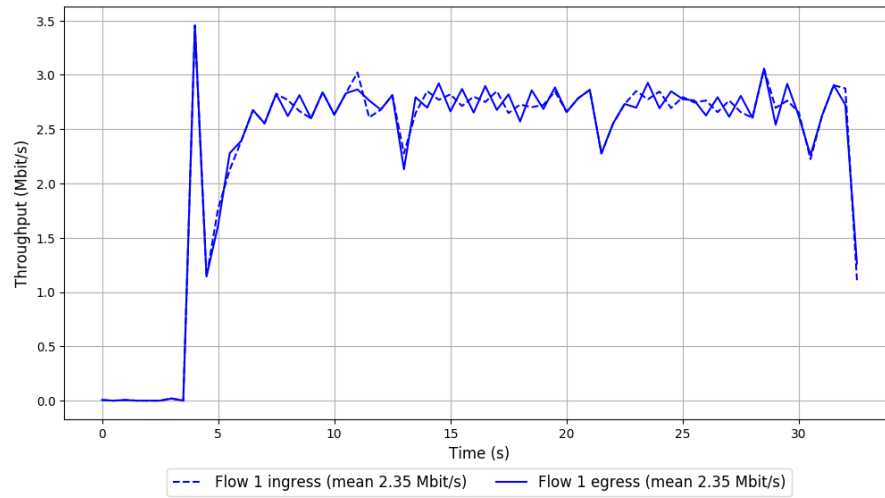
-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 2.954 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-02-20 03:05:41

End at: 2018-02-20 03:06:11

Local clock offset: -6.535 ms

Remote clock offset: 2.078 ms

Below is generated by plot.py at 2018-02-20 04:28:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 3.015 ms

Loss rate: 0.00%

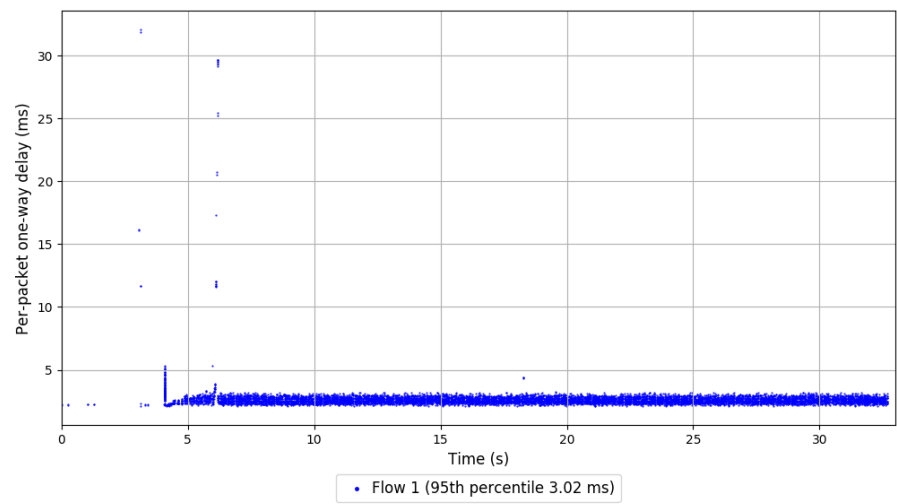
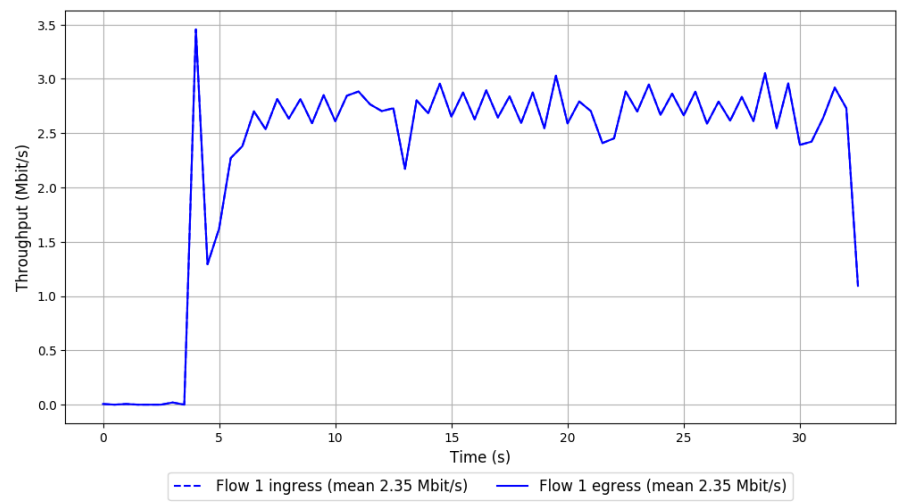
-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 3.015 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

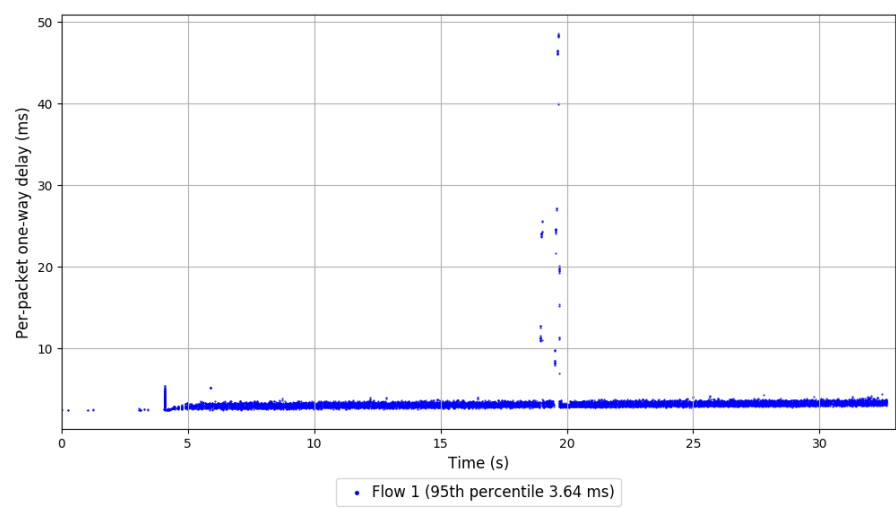
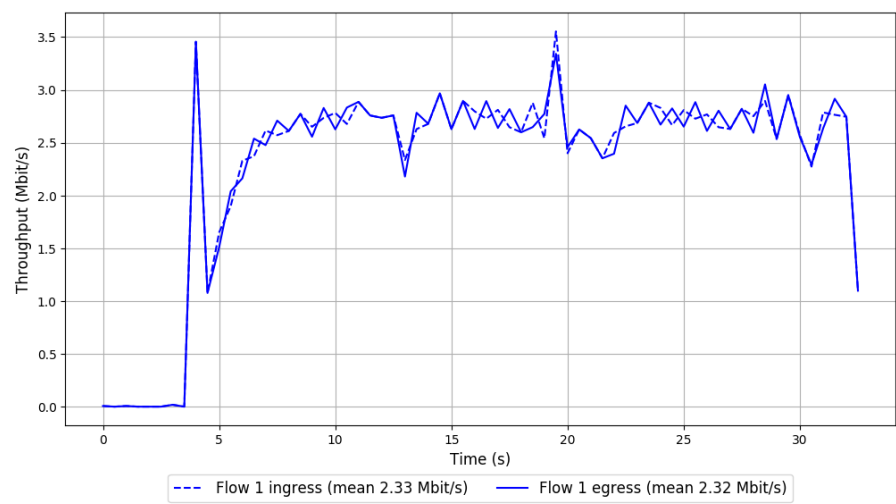


Run 9: Statistics of WebRTC media

Start at: 2018-02-20 03:26:06
End at: 2018-02-20 03:26:36
Local clock offset: -6.697 ms
Remote clock offset: -6.176 ms

Below is generated by plot.py at 2018-02-20 04:28:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 3.643 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 2.32 Mbit/s
95th percentile per-packet one-way delay: 3.643 ms
Loss rate: 0.10%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-02-20 03:46:29

End at: 2018-02-20 03:46:59

Local clock offset: -6.682 ms

Remote clock offset: -16.627 ms

Below is generated by plot.py at 2018-02-20 04:28:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 3.114 ms

Loss rate: 0.00%

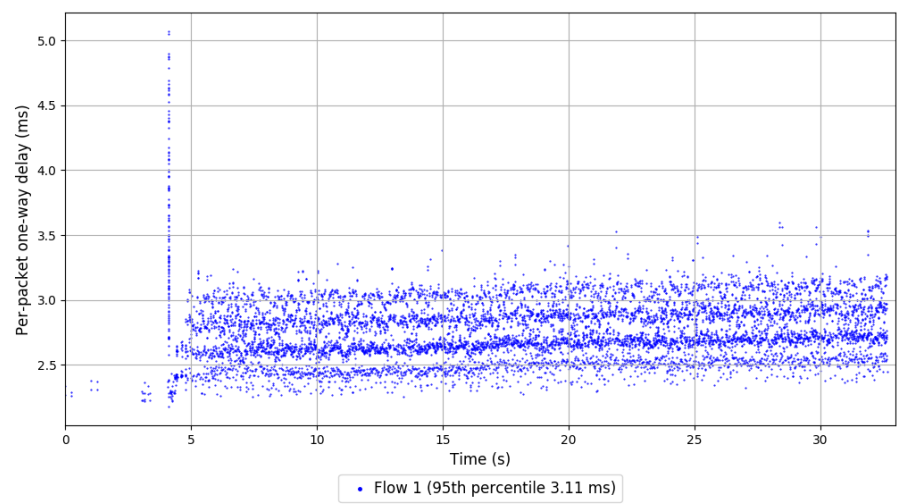
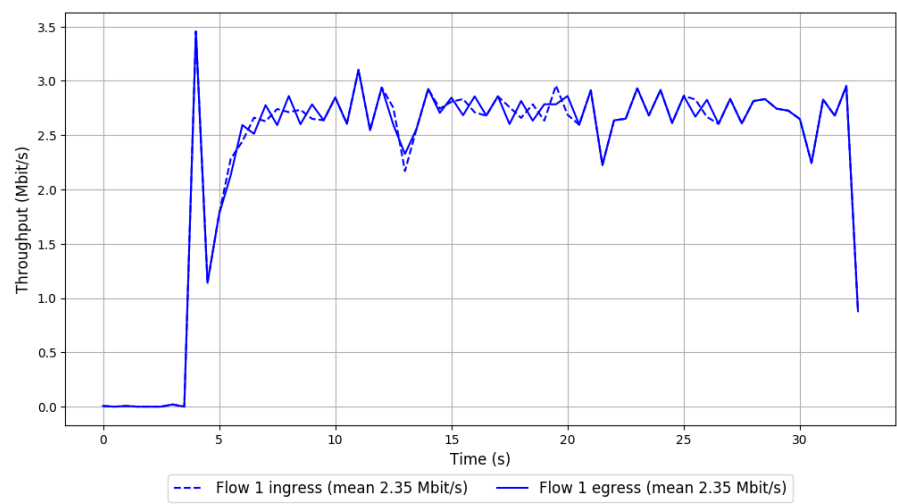
-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 3.114 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

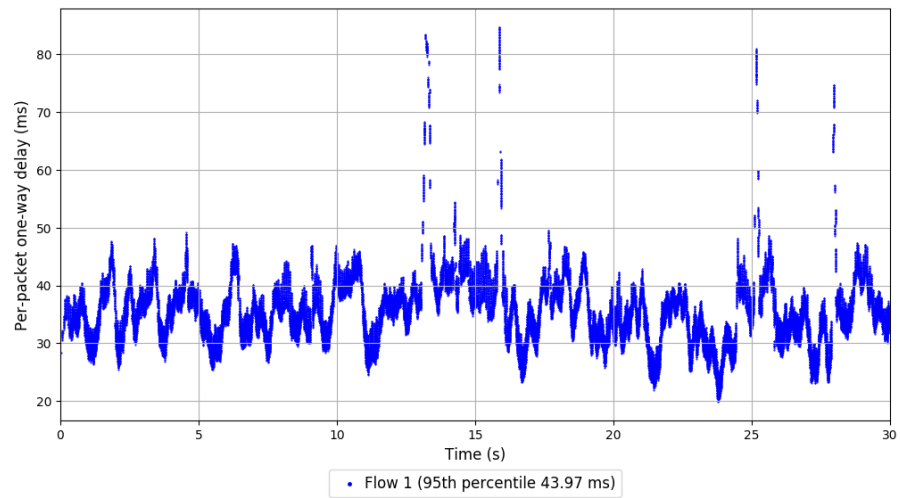
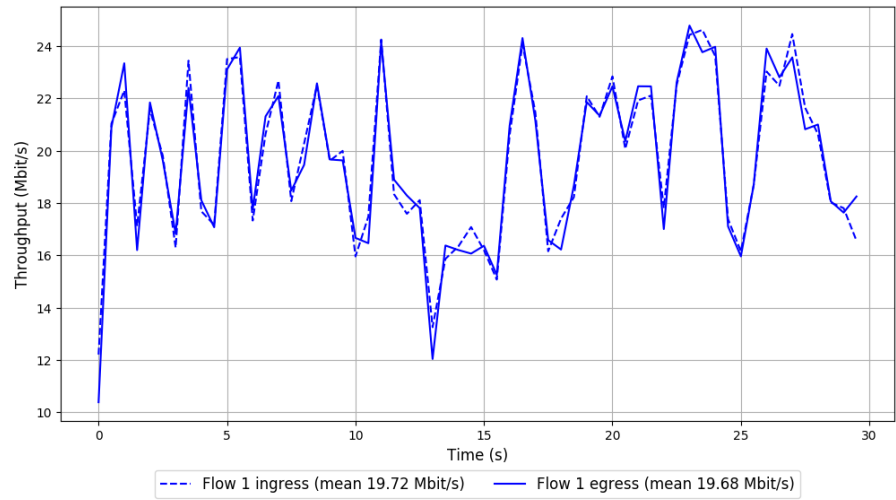


Run 1: Statistics of Sprout

Start at: 2018-02-20 00:39:59
End at: 2018-02-20 00:40:29
Local clock offset: -6.75 ms
Remote clock offset: -0.411 ms

Below is generated by plot.py at 2018-02-20 04:28:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 19.68 Mbit/s
95th percentile per-packet one-way delay: 43.967 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 19.68 Mbit/s
95th percentile per-packet one-way delay: 43.967 ms
Loss rate: 0.20%

Run 1: Report of Sprout — Data Link

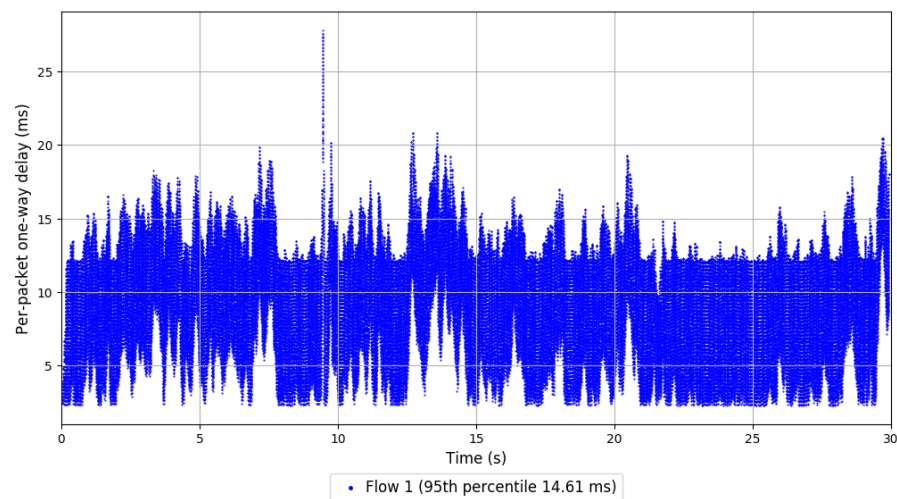
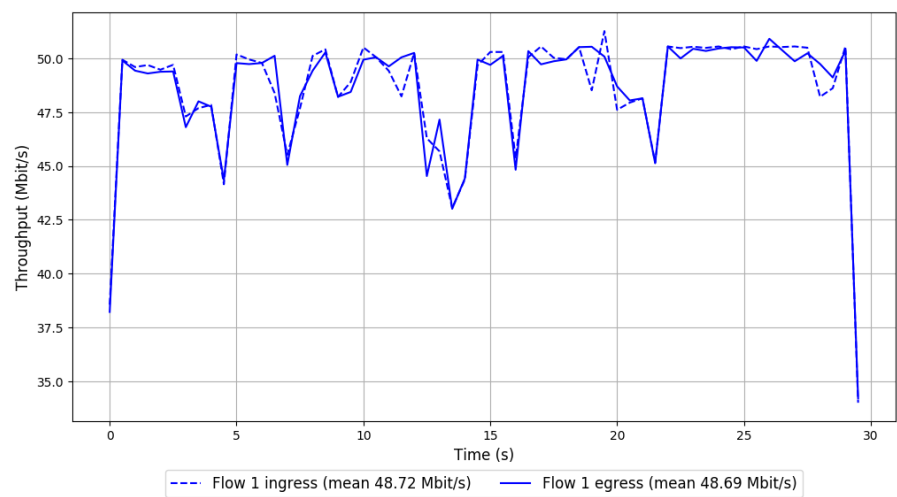


Run 2: Statistics of Sprout

Start at: 2018-02-20 01:00:40
End at: 2018-02-20 01:01:10
Local clock offset: -7.591 ms
Remote clock offset: -0.328 ms

Below is generated by plot.py at 2018-02-20 04:28:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.69 Mbit/s
95th percentile per-packet one-way delay: 14.607 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.69 Mbit/s
95th percentile per-packet one-way delay: 14.607 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

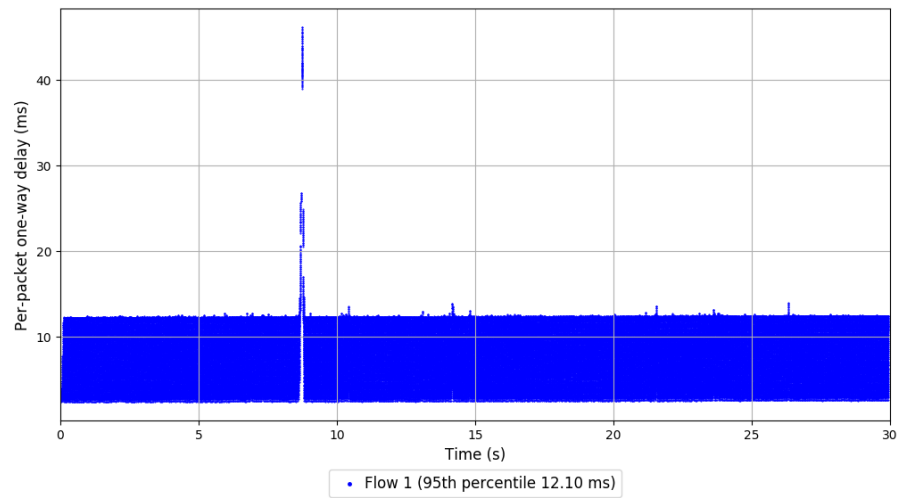
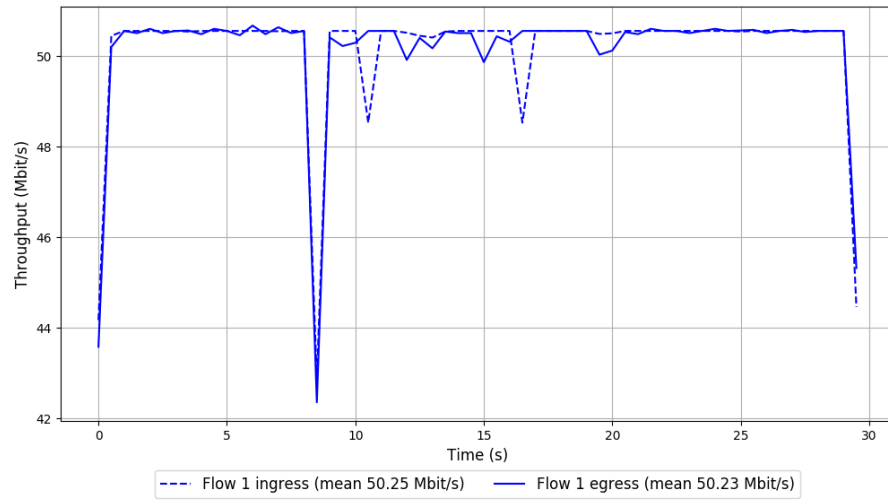


Run 3: Statistics of Sprout

Start at: 2018-02-20 01:21:21
End at: 2018-02-20 01:21:51
Local clock offset: -6.633 ms
Remote clock offset: -5.03 ms

Below is generated by plot.py at 2018-02-20 04:28:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.23 Mbit/s
95th percentile per-packet one-way delay: 12.104 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.23 Mbit/s
95th percentile per-packet one-way delay: 12.104 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

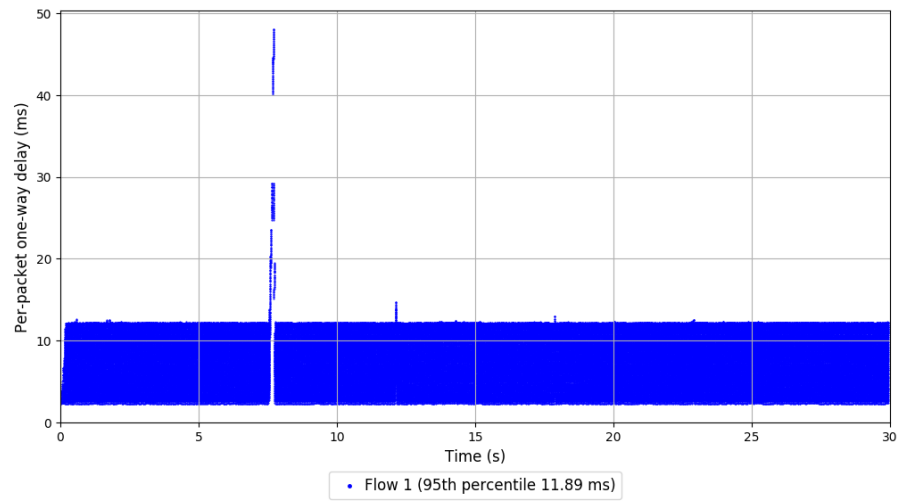
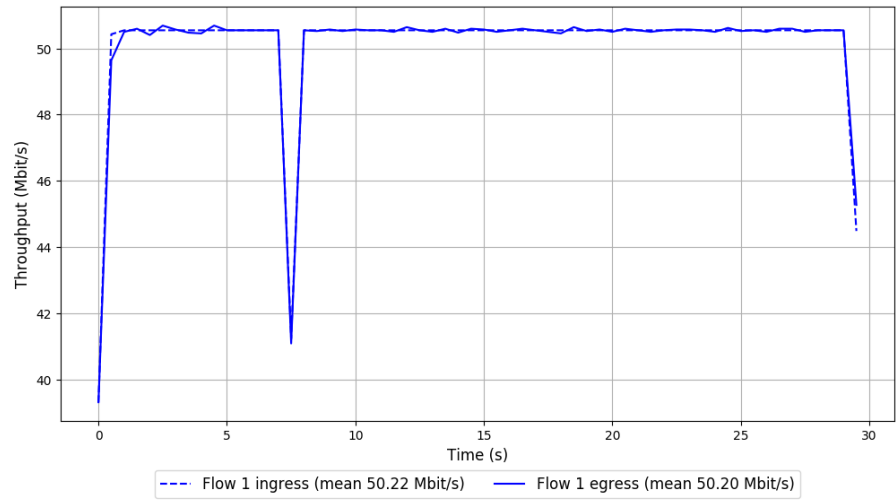


Run 4: Statistics of Sprout

Start at: 2018-02-20 01:41:30
End at: 2018-02-20 01:42:00
Local clock offset: -3.815 ms
Remote clock offset: -5.844 ms

Below is generated by plot.py at 2018-02-20 04:28:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.20 Mbit/s
95th percentile per-packet one-way delay: 11.887 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.20 Mbit/s
95th percentile per-packet one-way delay: 11.887 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

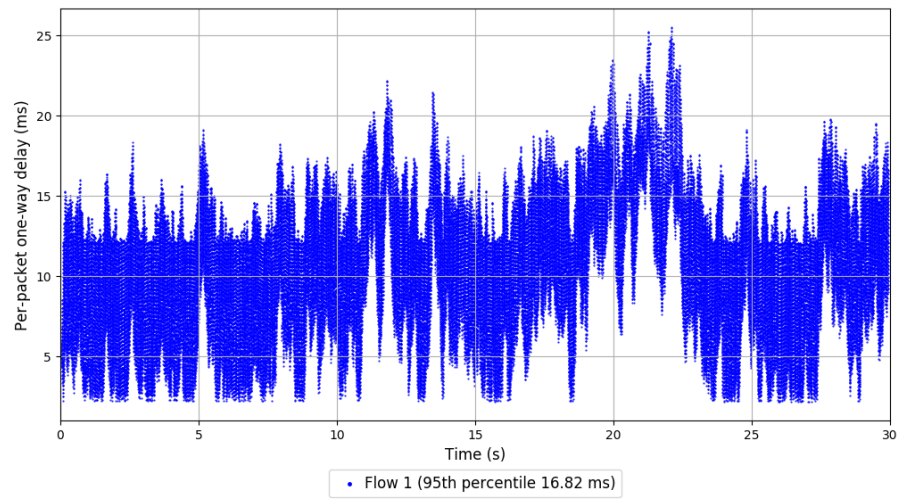
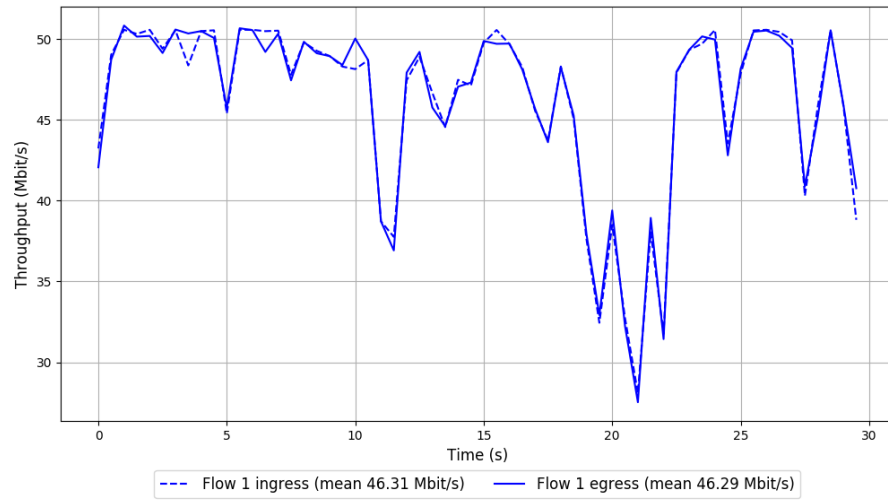


Run 5: Statistics of Sprout

Start at: 2018-02-20 02:01:32
End at: 2018-02-20 02:02:02
Local clock offset: -5.696 ms
Remote clock offset: -5.857 ms

Below is generated by plot.py at 2018-02-20 04:28:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 46.29 Mbit/s
95th percentile per-packet one-way delay: 16.820 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.29 Mbit/s
95th percentile per-packet one-way delay: 16.820 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

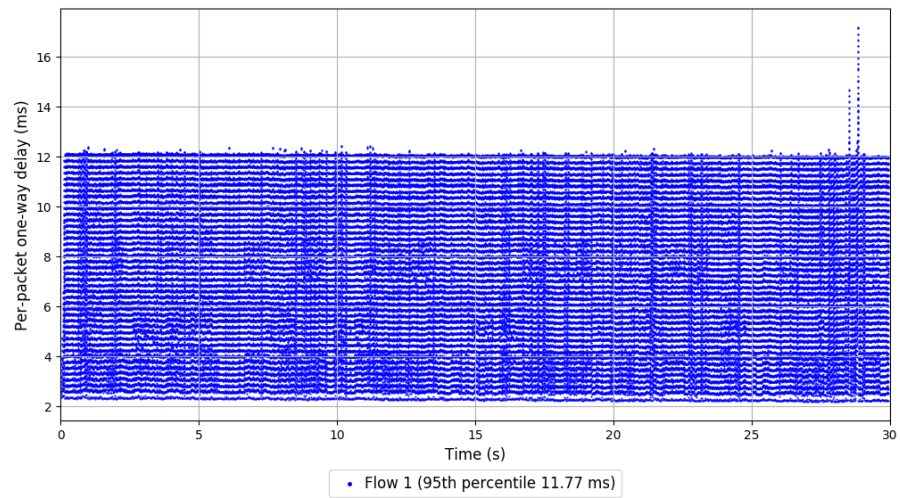
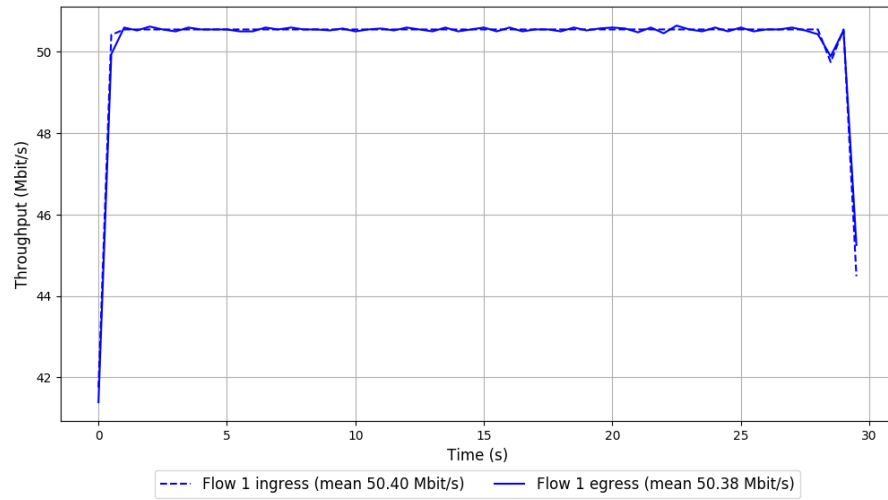


Run 6: Statistics of Sprout

Start at: 2018-02-20 02:21:50
End at: 2018-02-20 02:22:20
Local clock offset: -6.808 ms
Remote clock offset: -1.771 ms

Below is generated by plot.py at 2018-02-20 04:28:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.38 Mbit/s
95th percentile per-packet one-way delay: 11.774 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.38 Mbit/s
95th percentile per-packet one-way delay: 11.774 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2018-02-20 02:41:58

End at: 2018-02-20 02:42:28

Local clock offset: -6.522 ms

Remote clock offset: 0.667 ms

Below is generated by plot.py at 2018-02-20 04:28:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.35 Mbit/s

95th percentile per-packet one-way delay: 11.828 ms

Loss rate: 0.00%

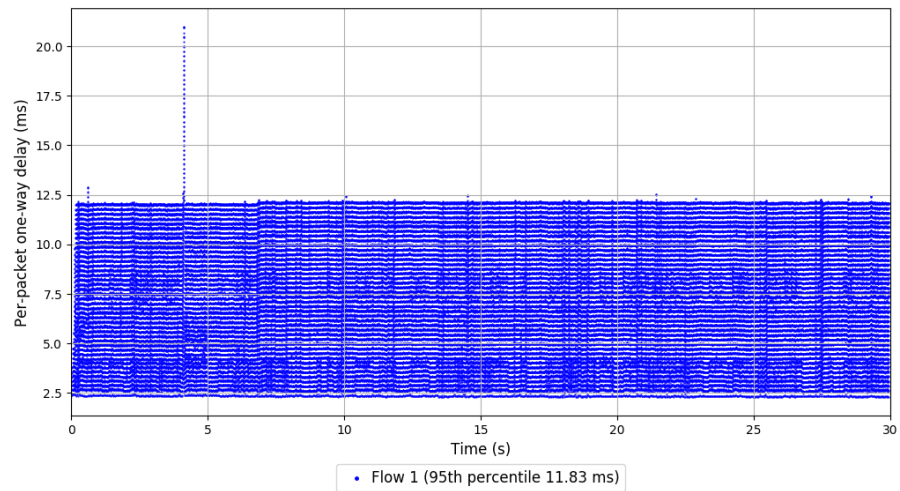
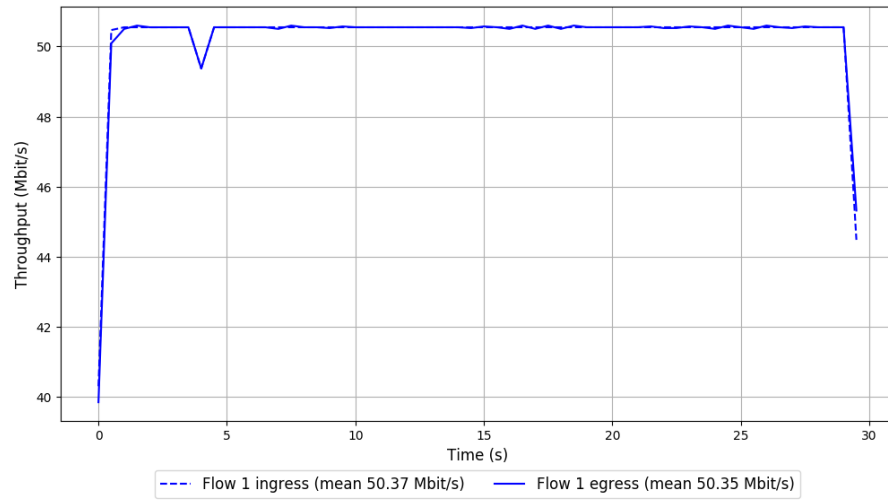
-- Flow 1:

Average throughput: 50.35 Mbit/s

95th percentile per-packet one-way delay: 11.828 ms

Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-02-20 03:02:16

End at: 2018-02-20 03:02:46

Local clock offset: -6.515 ms

Remote clock offset: 1.881 ms

Below is generated by plot.py at 2018-02-20 04:29:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.32 Mbit/s

95th percentile per-packet one-way delay: 11.765 ms

Loss rate: 0.00%

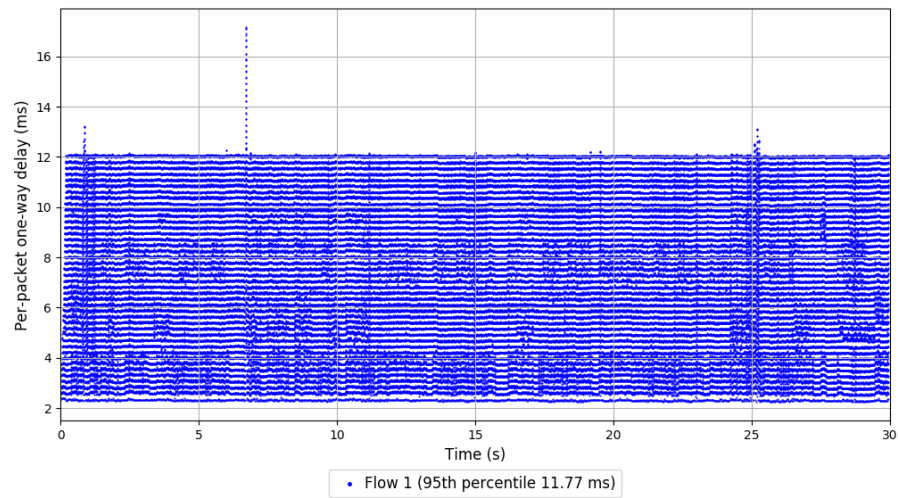
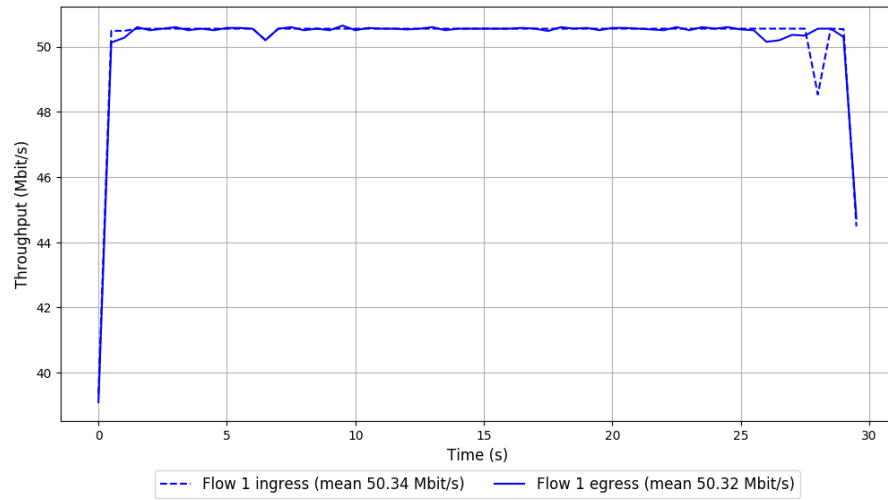
-- Flow 1:

Average throughput: 50.32 Mbit/s

95th percentile per-packet one-way delay: 11.765 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

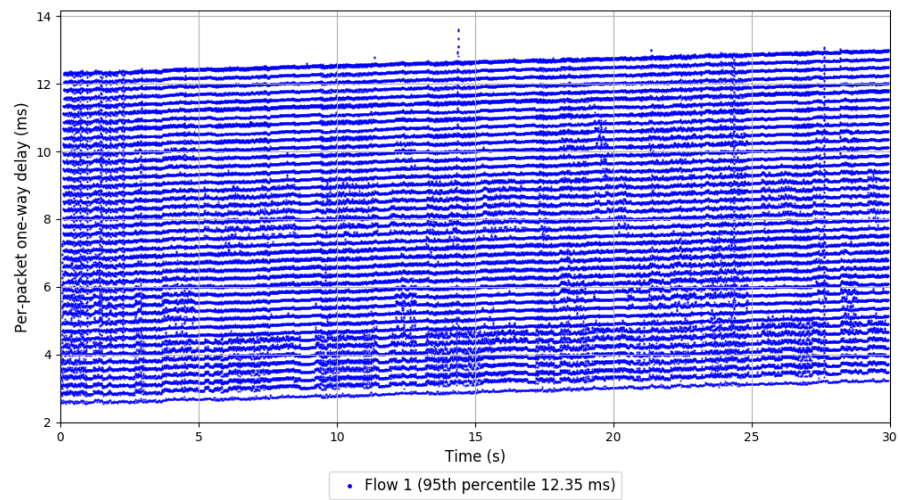
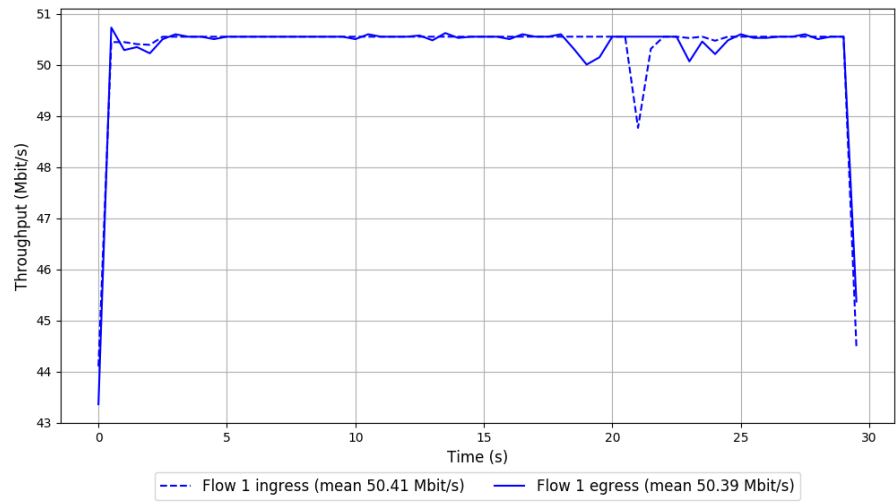


Run 9: Statistics of Sprout

Start at: 2018-02-20 03:22:40
End at: 2018-02-20 03:23:10
Local clock offset: -6.636 ms
Remote clock offset: -2.15 ms

Below is generated by plot.py at 2018-02-20 04:29:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.39 Mbit/s
95th percentile per-packet one-way delay: 12.345 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.39 Mbit/s
95th percentile per-packet one-way delay: 12.345 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

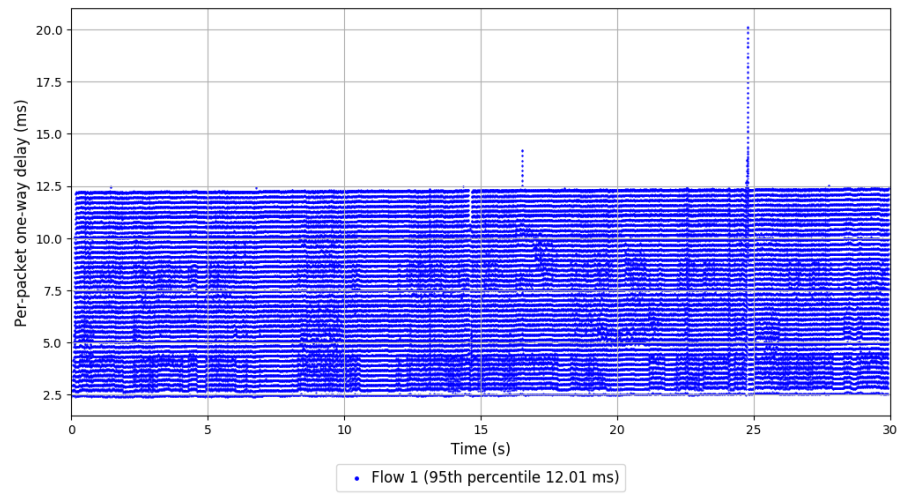
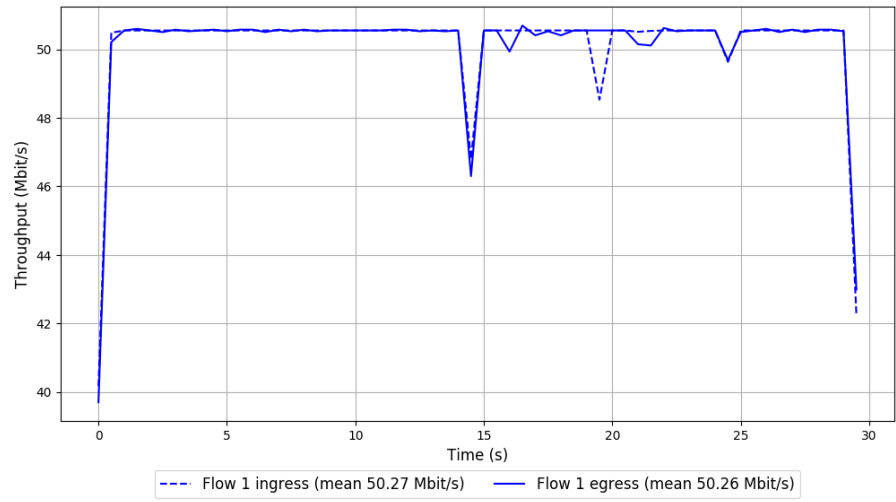


Run 10: Statistics of Sprout

Start at: 2018-02-20 03:43:03
End at: 2018-02-20 03:43:33
Local clock offset: -6.763 ms
Remote clock offset: -15.678 ms

Below is generated by plot.py at 2018-02-20 04:29:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 12.006 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 12.006 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-02-20 00:46:03

End at: 2018-02-20 00:46:33

Local clock offset: -6.953 ms

Remote clock offset: -0.521 ms

Below is generated by plot.py at 2018-02-20 04:29:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 42.81 Mbit/s

95th percentile per-packet one-way delay: 18.083 ms

Loss rate: 0.00%

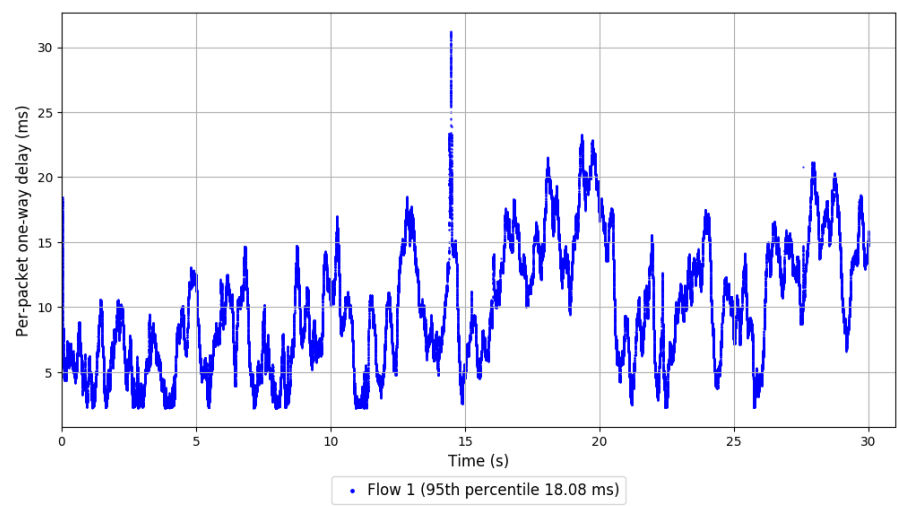
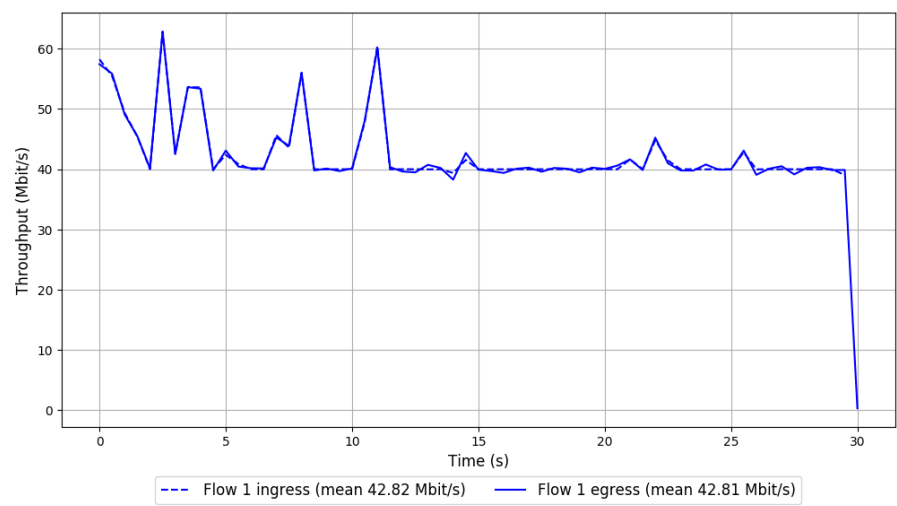
-- Flow 1:

Average throughput: 42.81 Mbit/s

95th percentile per-packet one-way delay: 18.083 ms

Loss rate: 0.00%

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-02-20 01:06:36

End at: 2018-02-20 01:07:06

Local clock offset: -7.783 ms

Remote clock offset: -1.97 ms

Below is generated by plot.py at 2018-02-20 04:30:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.37 Mbit/s

95th percentile per-packet one-way delay: 3.001 ms

Loss rate: 0.00%

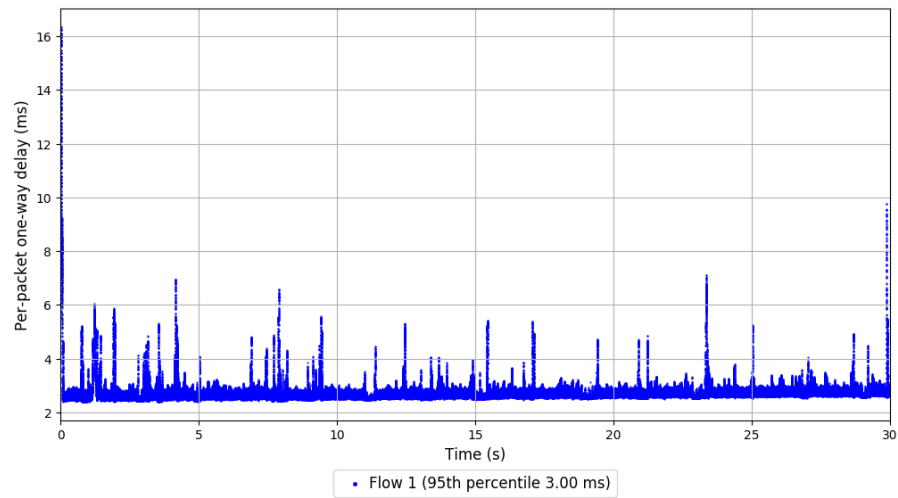
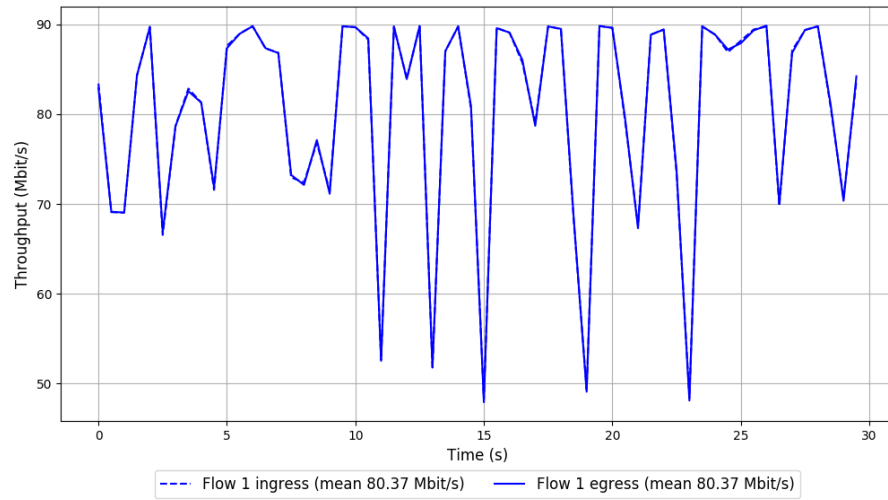
-- Flow 1:

Average throughput: 80.37 Mbit/s

95th percentile per-packet one-way delay: 3.001 ms

Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-02-20 01:26:58

End at: 2018-02-20 01:27:28

Local clock offset: -5.339 ms

Remote clock offset: -5.455 ms

Below is generated by plot.py at 2018-02-20 04:30:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.23 Mbit/s

95th percentile per-packet one-way delay: 44.468 ms

Loss rate: 7.56%

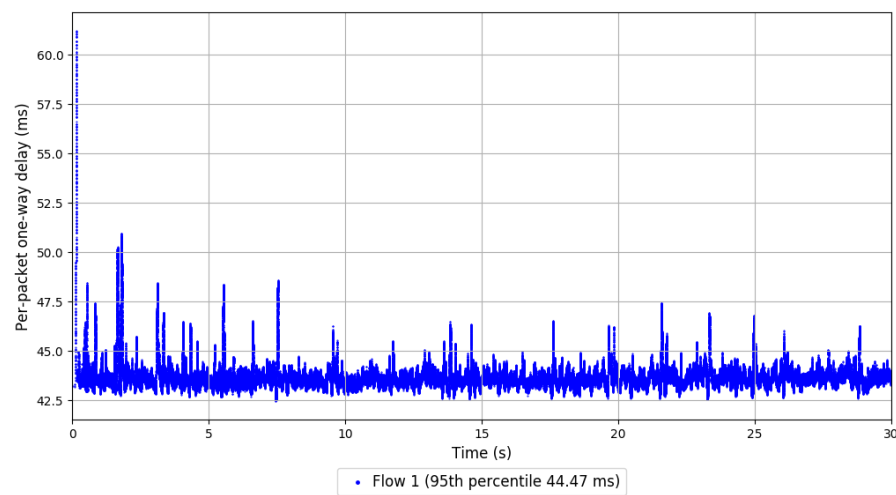
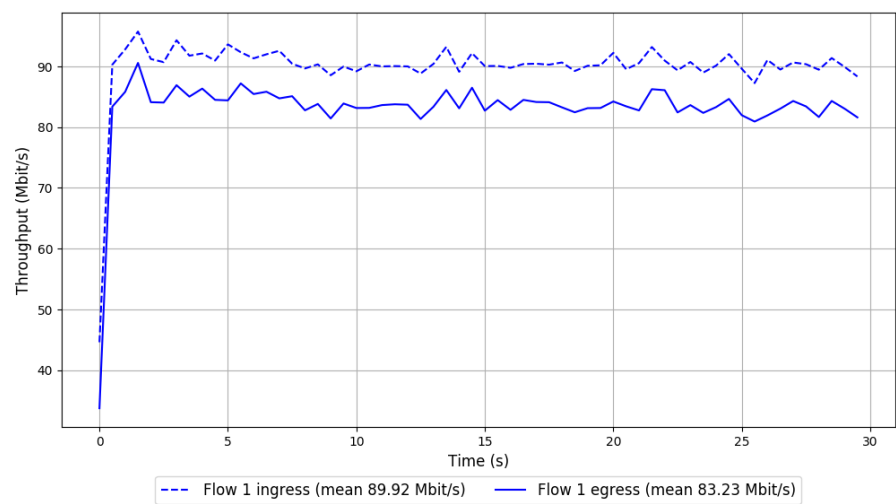
-- Flow 1:

Average throughput: 83.23 Mbit/s

95th percentile per-packet one-way delay: 44.468 ms

Loss rate: 7.56%

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

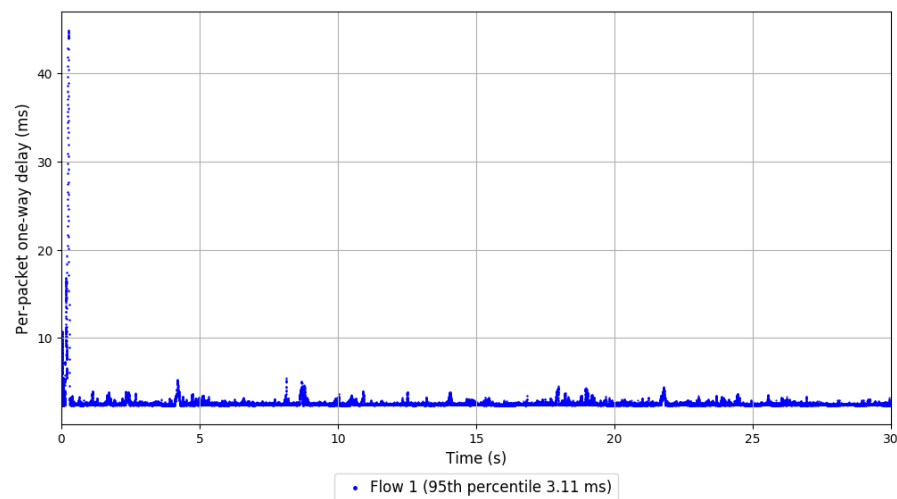
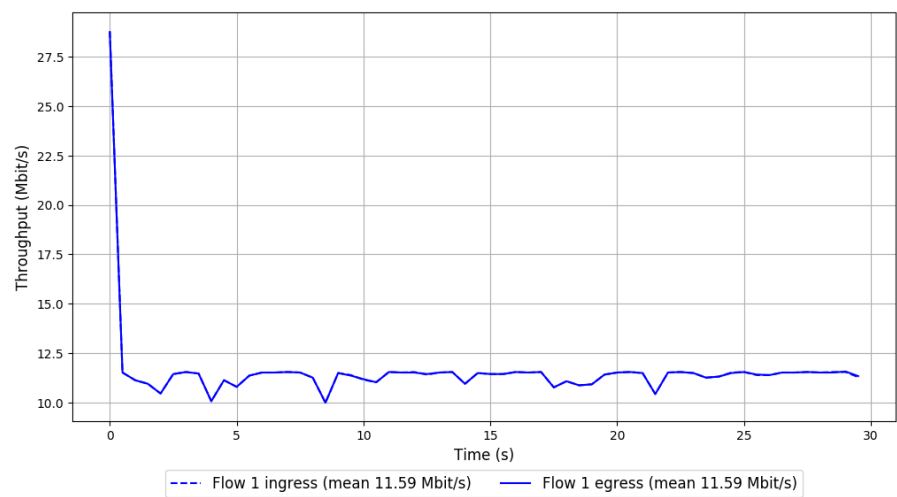


Run 4: Statistics of TaoVA-100x

Start at: 2018-02-20 01:47:07
End at: 2018-02-20 01:47:37
Local clock offset: -3.491 ms
Remote clock offset: -5.711 ms

Below is generated by plot.py at 2018-02-20 04:30:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 11.59 Mbit/s
95th percentile per-packet one-way delay: 3.109 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 11.59 Mbit/s
95th percentile per-packet one-way delay: 3.109 ms
Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-02-20 02:07:09

End at: 2018-02-20 02:07:39

Local clock offset: -6.204 ms

Remote clock offset: -5.866 ms

Below is generated by plot.py at 2018-02-20 04:30:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.99 Mbit/s

95th percentile per-packet one-way delay: 2.570 ms

Loss rate: 0.27%

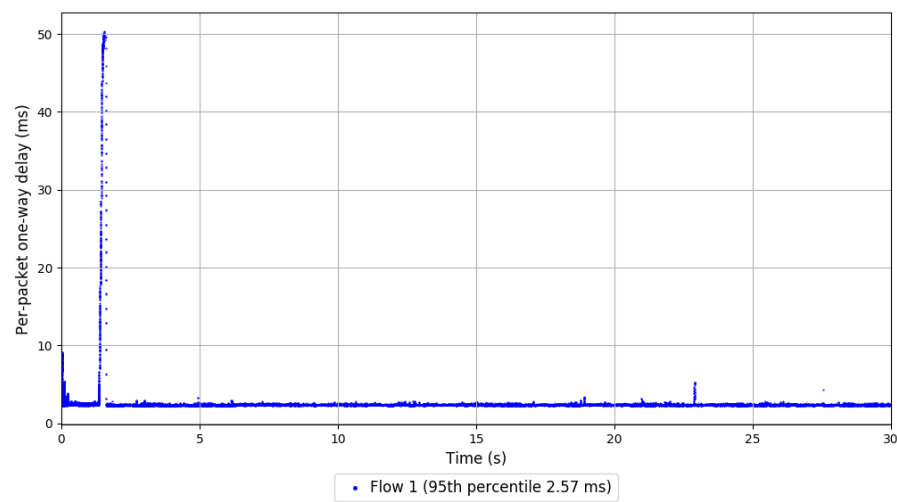
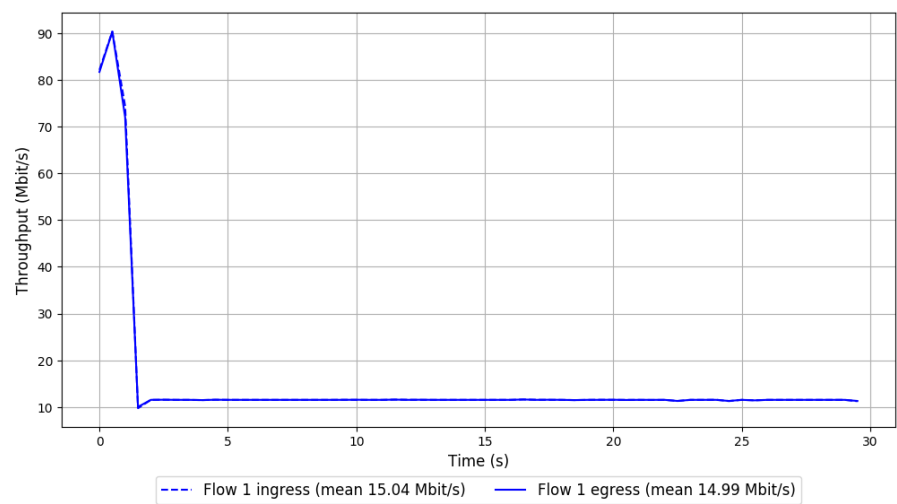
-- Flow 1:

Average throughput: 14.99 Mbit/s

95th percentile per-packet one-way delay: 2.570 ms

Loss rate: 0.27%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-02-20 02:27:22

End at: 2018-02-20 02:27:52

Local clock offset: -6.72 ms

Remote clock offset: -0.745 ms

Below is generated by plot.py at 2018-02-20 04:30:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 63.26 Mbit/s

95th percentile per-packet one-way delay: 2.535 ms

Loss rate: 0.02%

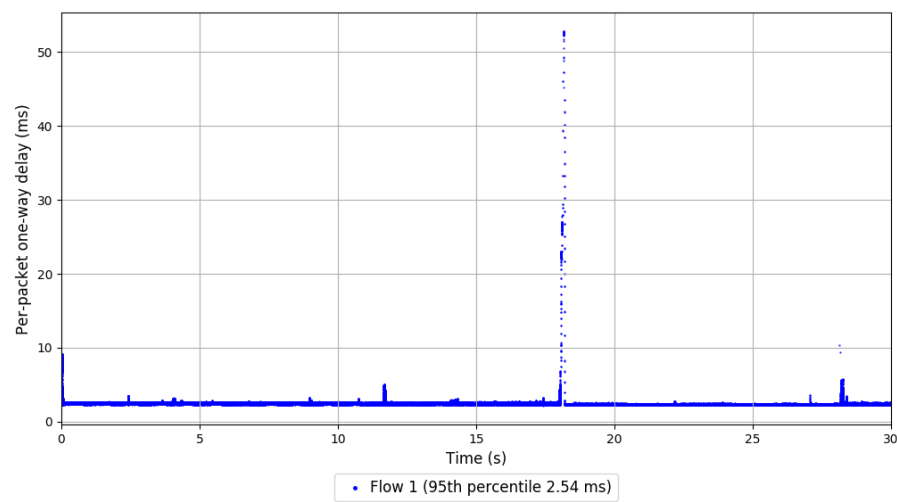
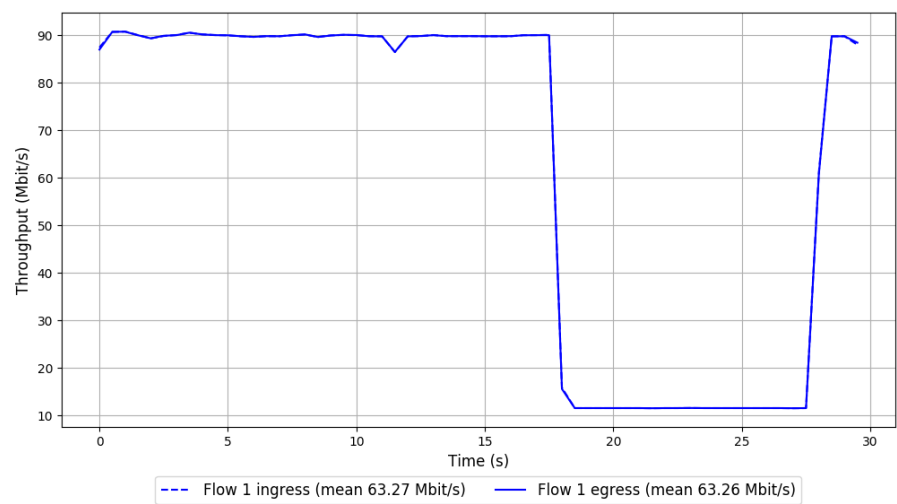
-- Flow 1:

Average throughput: 63.26 Mbit/s

95th percentile per-packet one-way delay: 2.535 ms

Loss rate: 0.02%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-02-20 02:47:32

End at: 2018-02-20 02:48:02

Local clock offset: -6.531 ms

Remote clock offset: 1.047 ms

Below is generated by plot.py at 2018-02-20 04:31:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.58 Mbit/s

95th percentile per-packet one-way delay: 2.600 ms

Loss rate: 0.00%

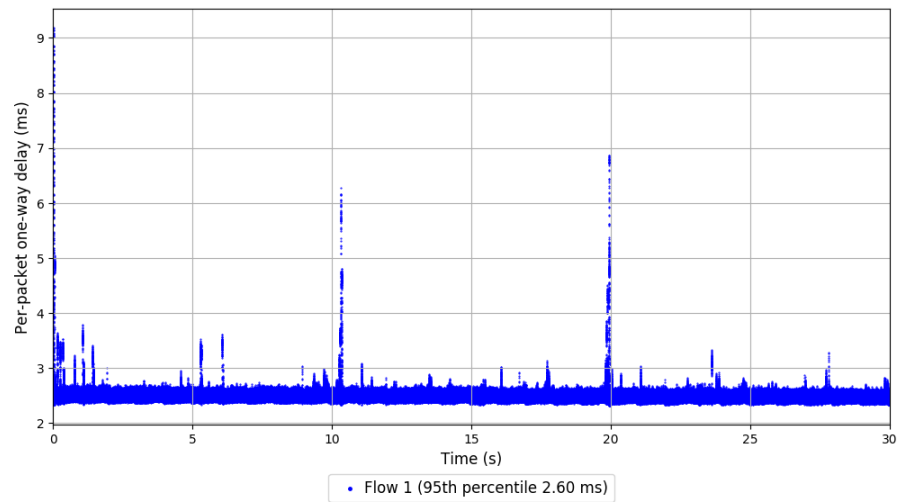
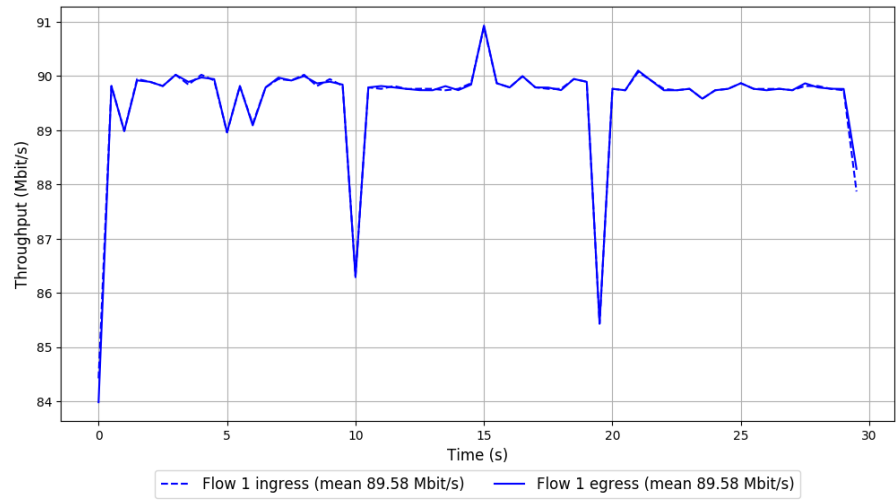
-- Flow 1:

Average throughput: 89.58 Mbit/s

95th percentile per-packet one-way delay: 2.600 ms

Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-02-20 03:07:53

End at: 2018-02-20 03:08:23

Local clock offset: -6.629 ms

Remote clock offset: 2.194 ms

Below is generated by plot.py at 2018-02-20 04:31:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.65 Mbit/s

95th percentile per-packet one-way delay: 2.598 ms

Loss rate: 0.00%

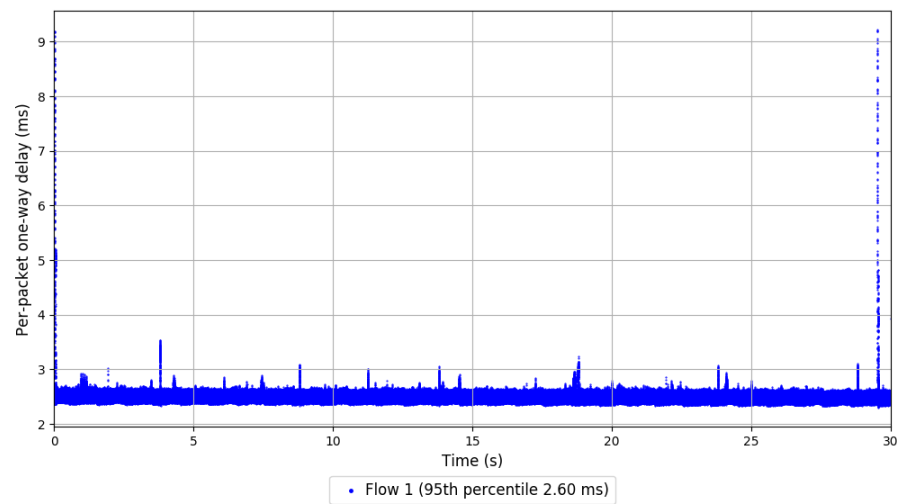
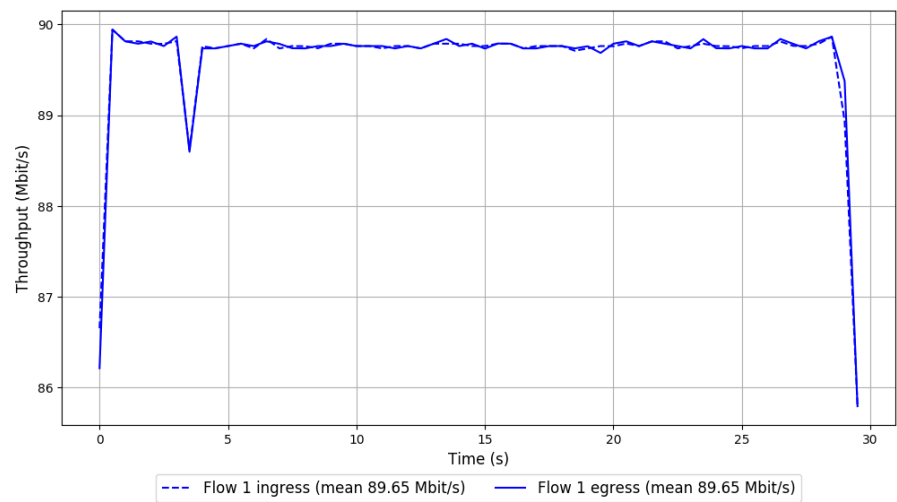
-- Flow 1:

Average throughput: 89.65 Mbit/s

95th percentile per-packet one-way delay: 2.598 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-02-20 03:28:17

End at: 2018-02-20 03:28:47

Local clock offset: -6.655 ms

Remote clock offset: -8.31 ms

Below is generated by plot.py at 2018-02-20 04:31:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.03 Mbit/s

95th percentile per-packet one-way delay: 2.911 ms

Loss rate: 0.00%

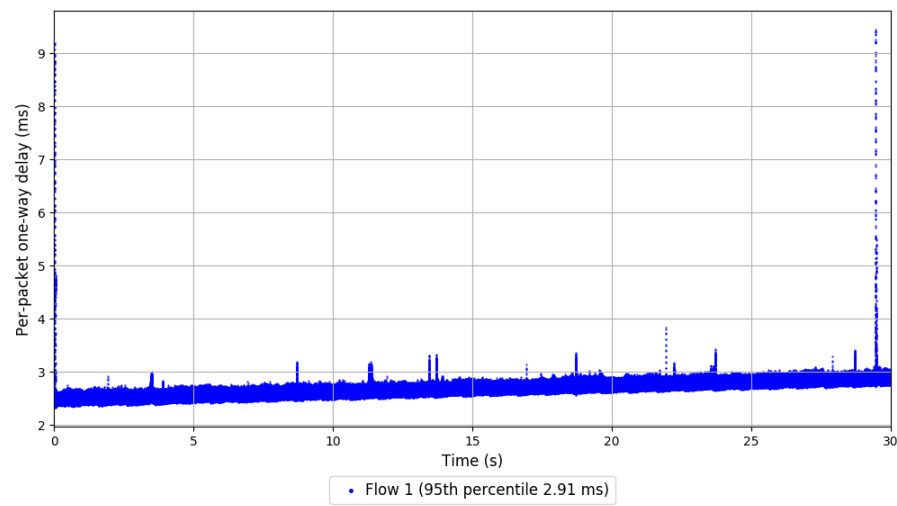
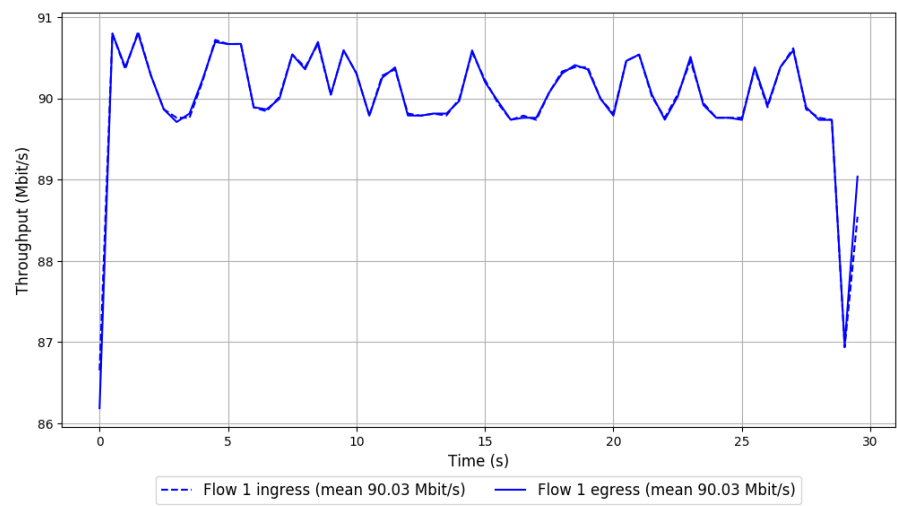
-- Flow 1:

Average throughput: 90.03 Mbit/s

95th percentile per-packet one-way delay: 2.911 ms

Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-20 03:48:40

End at: 2018-02-20 03:49:10

Local clock offset: -6.752 ms

Remote clock offset: -17.217 ms

Below is generated by plot.py at 2018-02-20 04:31:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.66 Mbit/s

95th percentile per-packet one-way delay: 2.898 ms

Loss rate: 0.00%

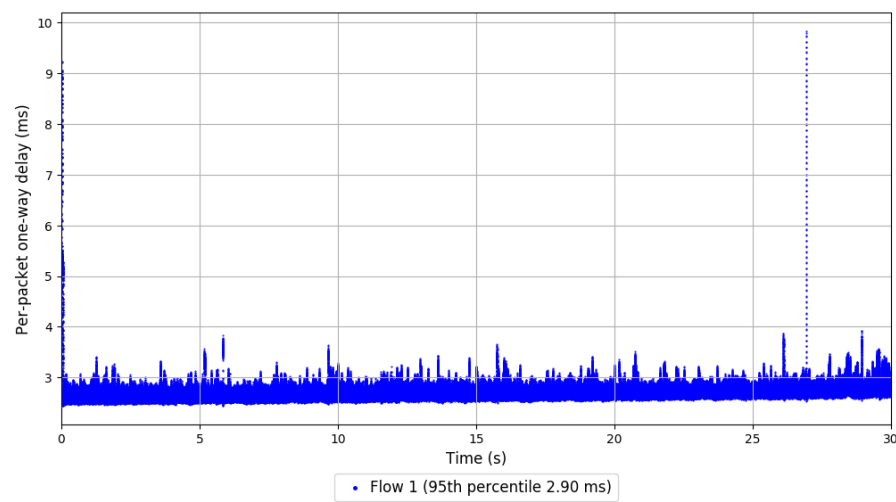
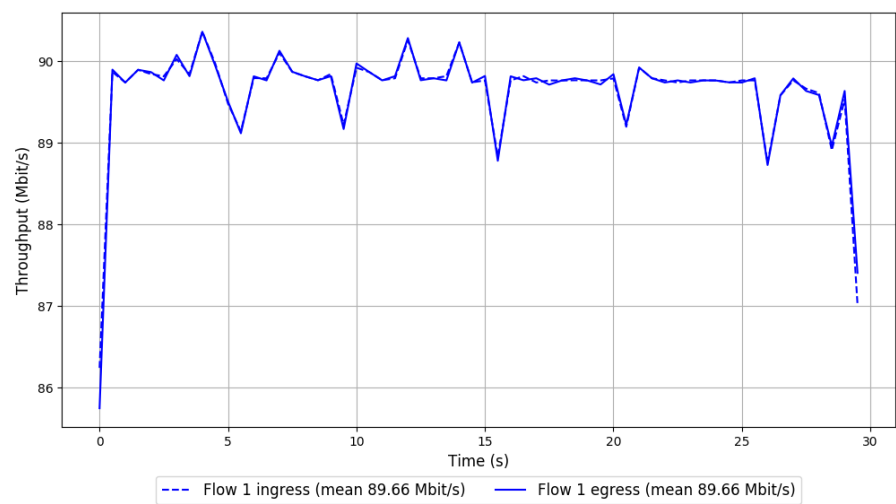
-- Flow 1:

Average throughput: 89.66 Mbit/s

95th percentile per-packet one-way delay: 2.898 ms

Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-02-20 00:44:54

End at: 2018-02-20 00:45:24

Local clock offset: -6.98 ms

Remote clock offset: -1.04 ms

Below is generated by plot.py at 2018-02-20 04:31:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.11 Mbit/s

95th percentile per-packet one-way delay: 4.144 ms

Loss rate: 0.00%

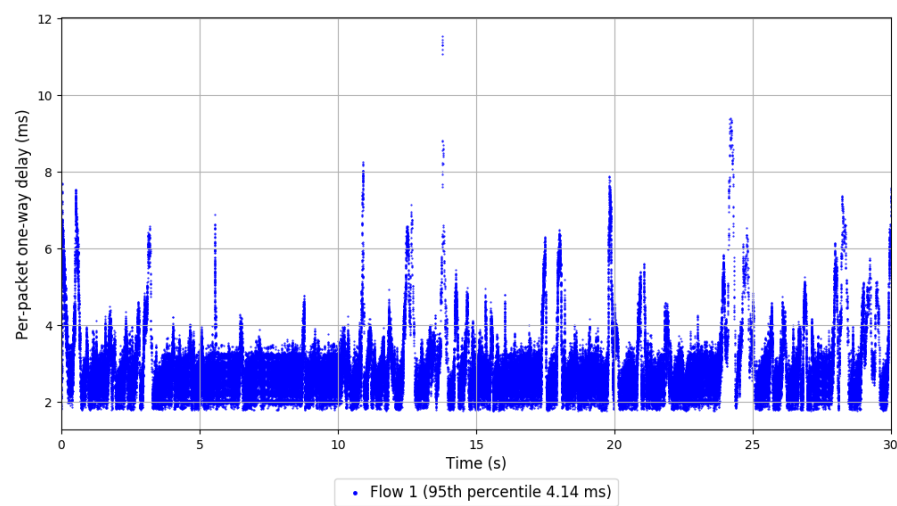
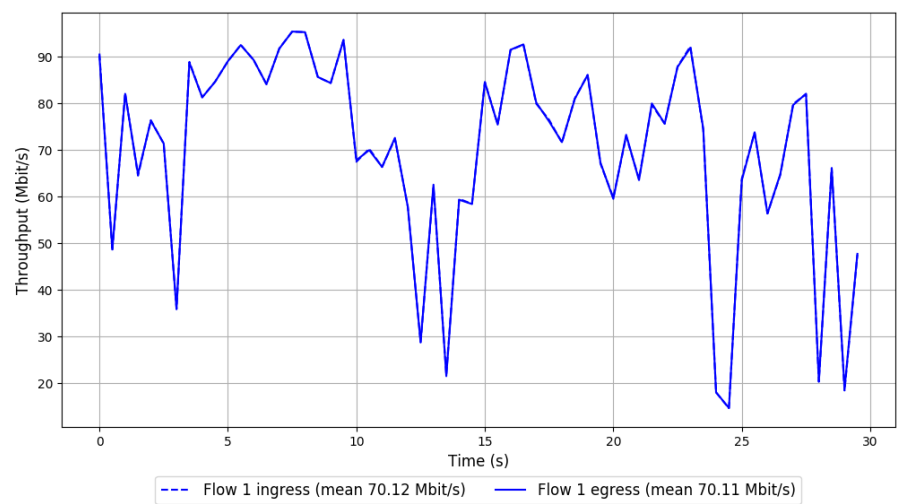
-- Flow 1:

Average throughput: 70.11 Mbit/s

95th percentile per-packet one-way delay: 4.144 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

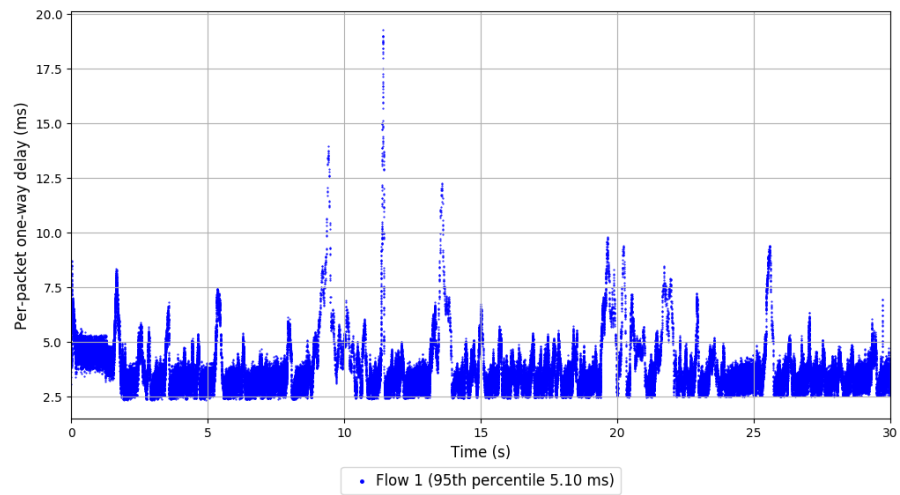
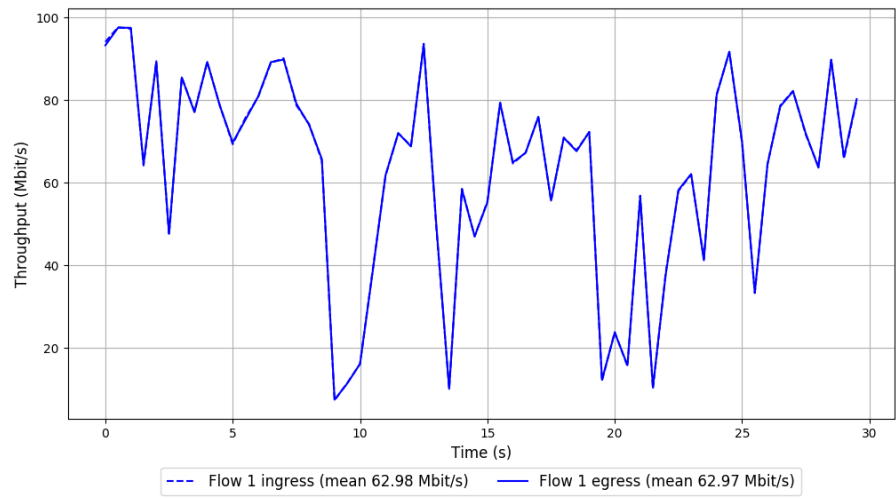


Run 2: Statistics of TCP Vegas

Start at: 2018-02-20 01:05:29
End at: 2018-02-20 01:05:59
Local clock offset: -7.658 ms
Remote clock offset: -1.474 ms

Below is generated by plot.py at 2018-02-20 04:31:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 62.97 Mbit/s
95th percentile per-packet one-way delay: 5.104 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.97 Mbit/s
95th percentile per-packet one-way delay: 5.104 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

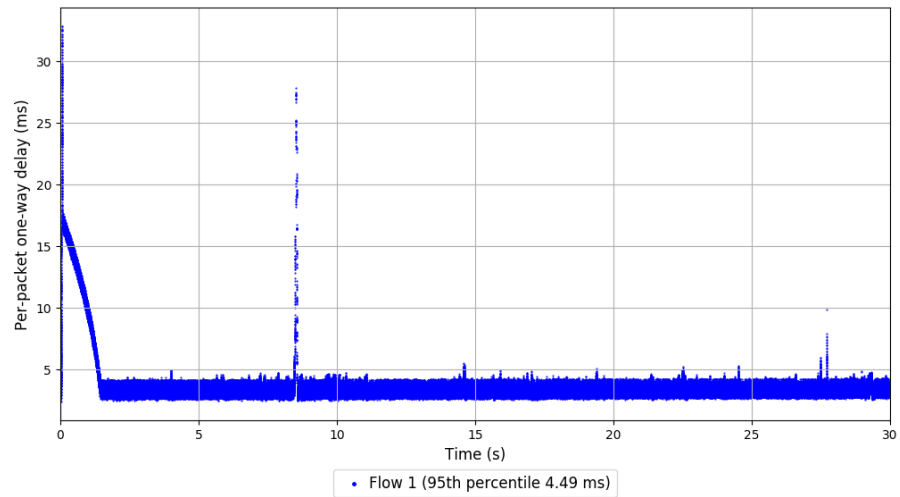
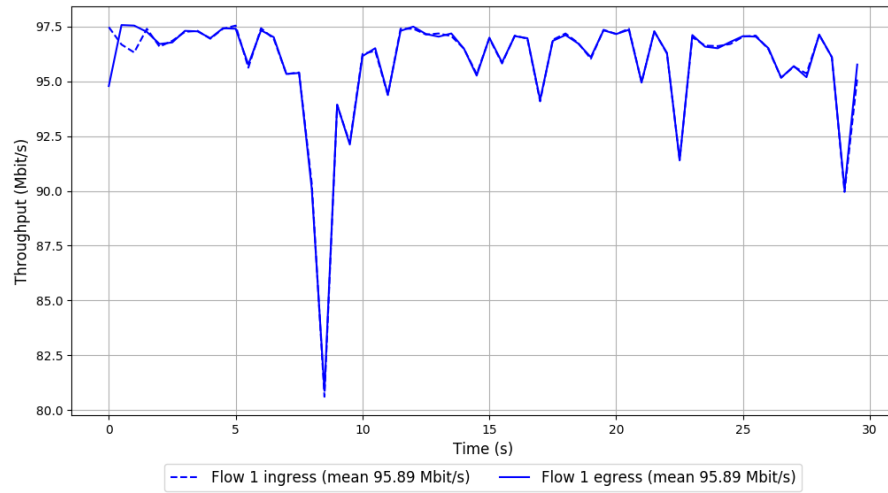


Run 3: Statistics of TCP Vegas

Start at: 2018-02-20 01:25:50
End at: 2018-02-20 01:26:20
Local clock offset: -5.623 ms
Remote clock offset: -5.391 ms

Below is generated by plot.py at 2018-02-20 04:32:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.89 Mbit/s
95th percentile per-packet one-way delay: 4.491 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 95.89 Mbit/s
95th percentile per-packet one-way delay: 4.491 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

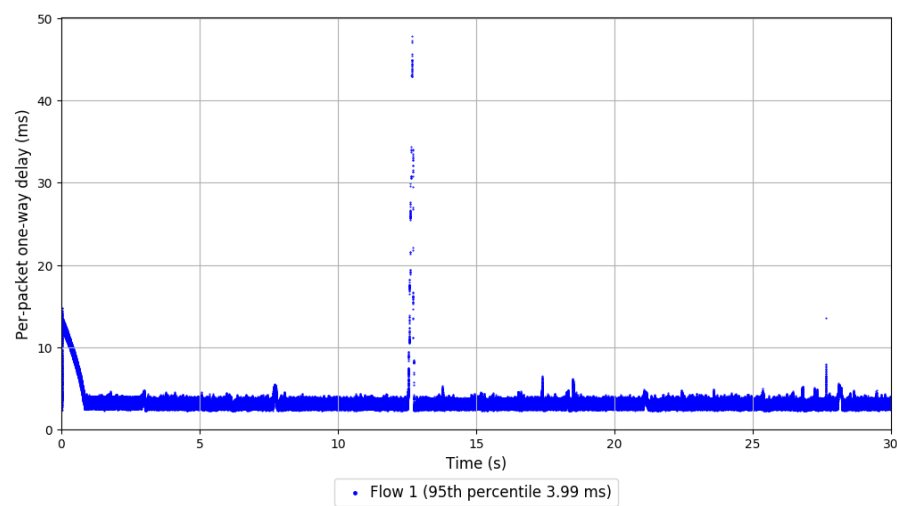
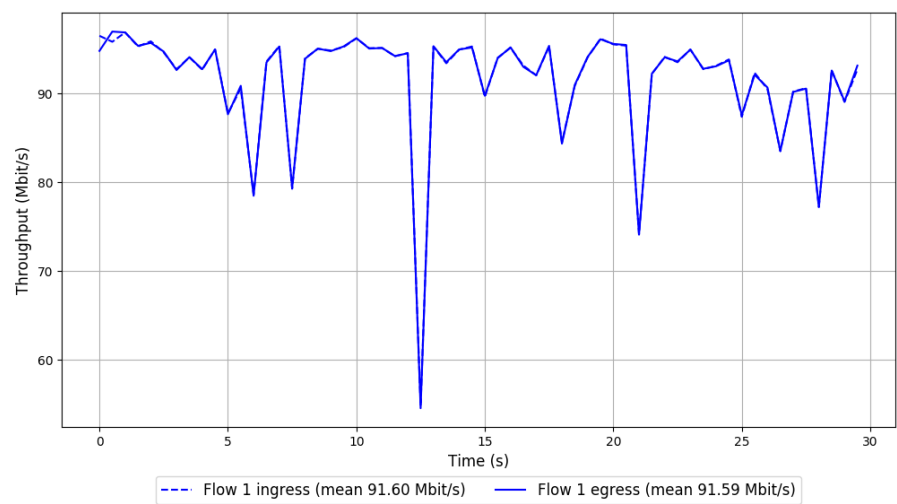


Run 4: Statistics of TCP Vegas

Start at: 2018-02-20 01:45:59
End at: 2018-02-20 01:46:29
Local clock offset: -3.603 ms
Remote clock offset: -5.799 ms

Below is generated by plot.py at 2018-02-20 04:32:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.59 Mbit/s
95th percentile per-packet one-way delay: 3.993 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 91.59 Mbit/s
95th percentile per-packet one-way delay: 3.993 ms
Loss rate: 0.01%

Run 4: Report of TCP Vegas — Data Link

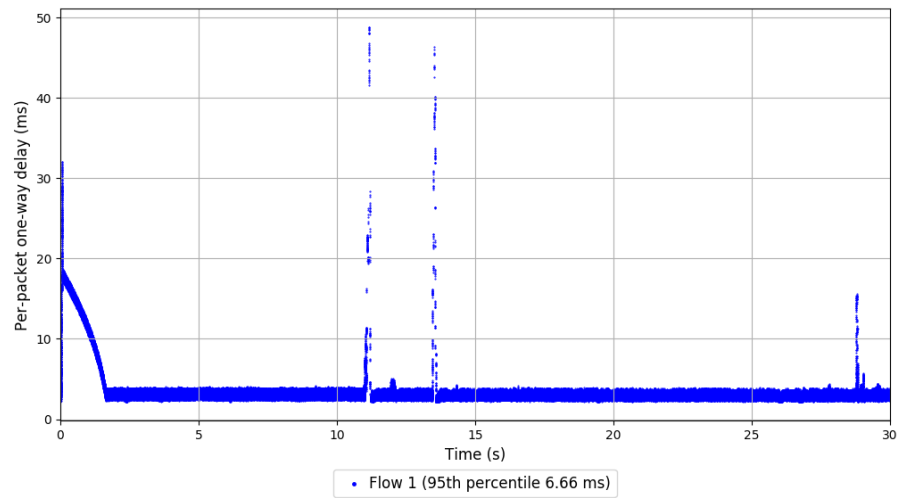
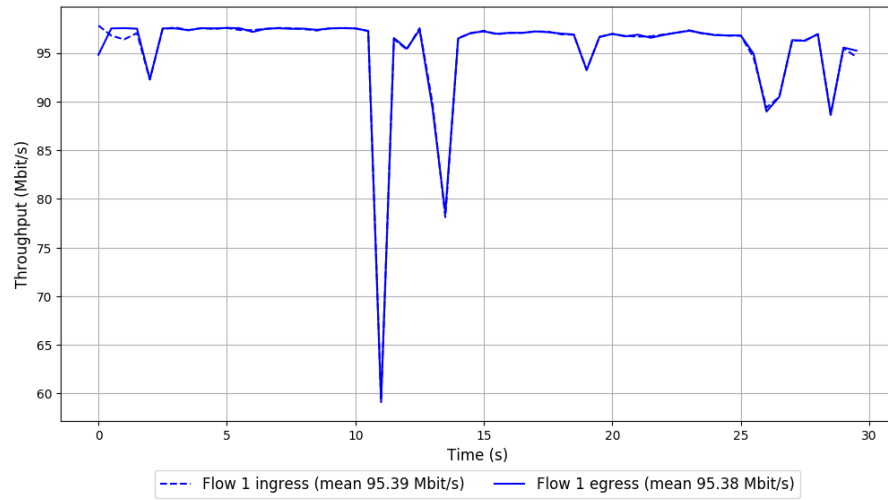


Run 5: Statistics of TCP Vegas

Start at: 2018-02-20 02:06:01
End at: 2018-02-20 02:06:31
Local clock offset: -6.116 ms
Remote clock offset: -5.914 ms

Below is generated by plot.py at 2018-02-20 04:32:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.38 Mbit/s
95th percentile per-packet one-way delay: 6.657 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 95.38 Mbit/s
95th percentile per-packet one-way delay: 6.657 ms
Loss rate: 0.01%

Run 5: Report of TCP Vegas — Data Link

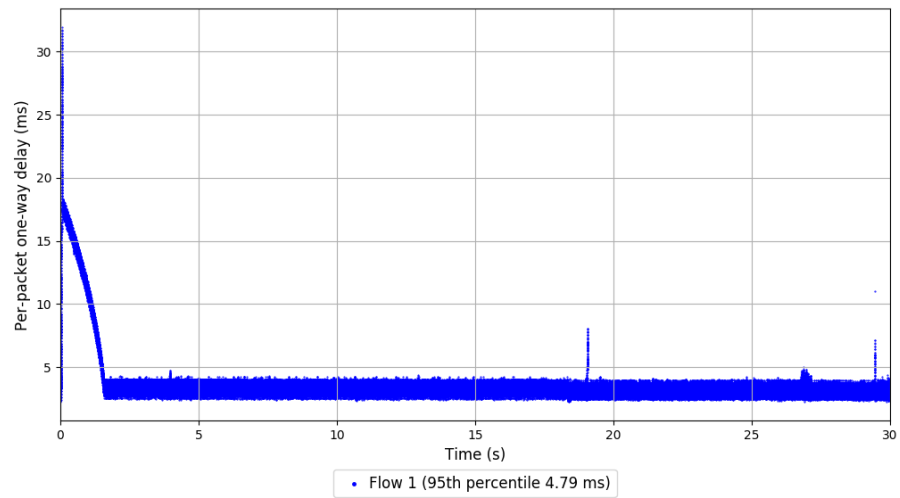
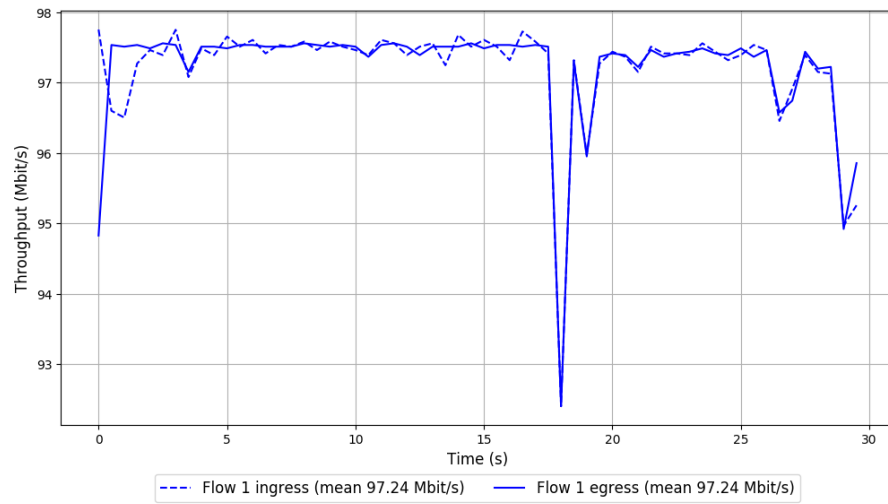


Run 6: Statistics of TCP Vegas

Start at: 2018-02-20 02:26:14
End at: 2018-02-20 02:26:44
Local clock offset: -6.836 ms
Remote clock offset: -0.919 ms

Below is generated by plot.py at 2018-02-20 04:33:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 4.792 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 4.792 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-02-20 02:46:24

End at: 2018-02-20 02:46:54

Local clock offset: -6.535 ms

Remote clock offset: 0.941 ms

Below is generated by plot.py at 2018-02-20 04:33:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.66 Mbit/s

95th percentile per-packet one-way delay: 3.739 ms

Loss rate: 0.00%

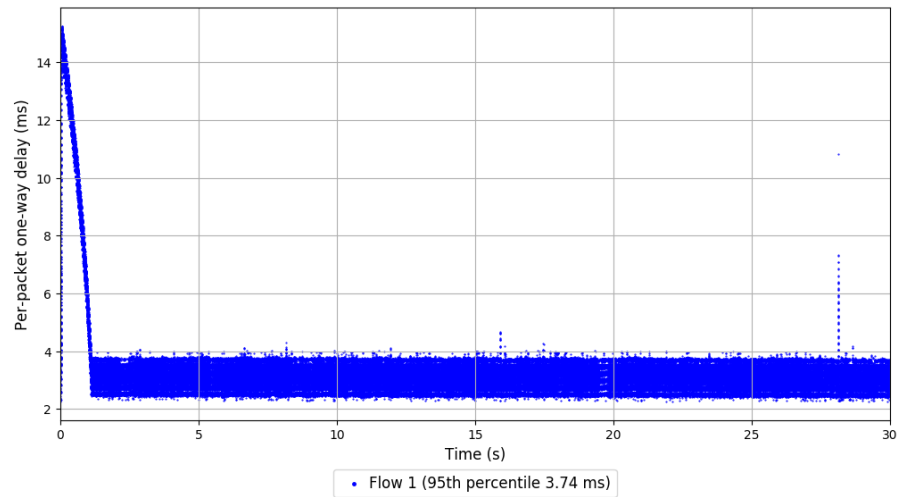
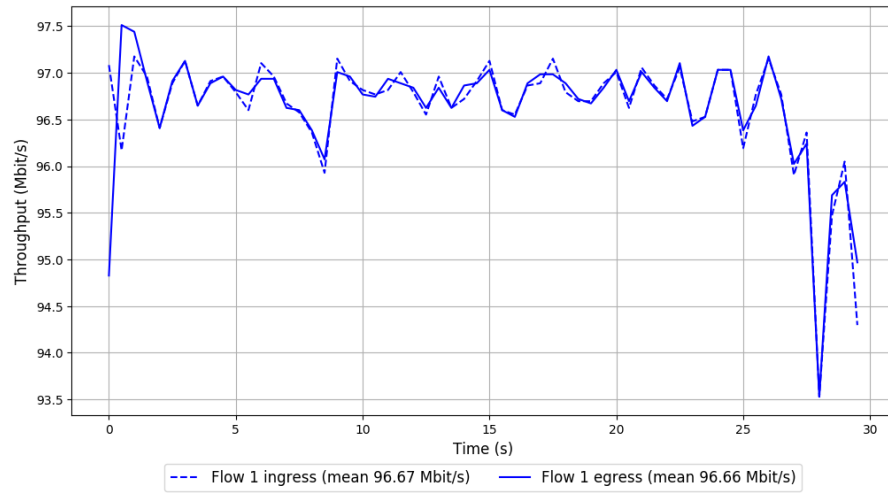
-- Flow 1:

Average throughput: 96.66 Mbit/s

95th percentile per-packet one-way delay: 3.739 ms

Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-02-20 03:06:45

End at: 2018-02-20 03:07:15

Local clock offset: -6.607 ms

Remote clock offset: 2.117 ms

Below is generated by plot.py at 2018-02-20 04:33:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 3.950 ms

Loss rate: 0.00%

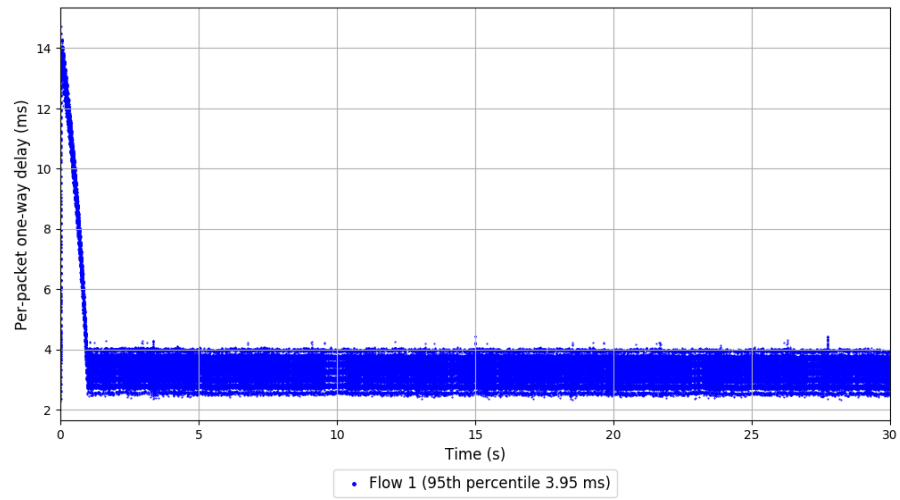
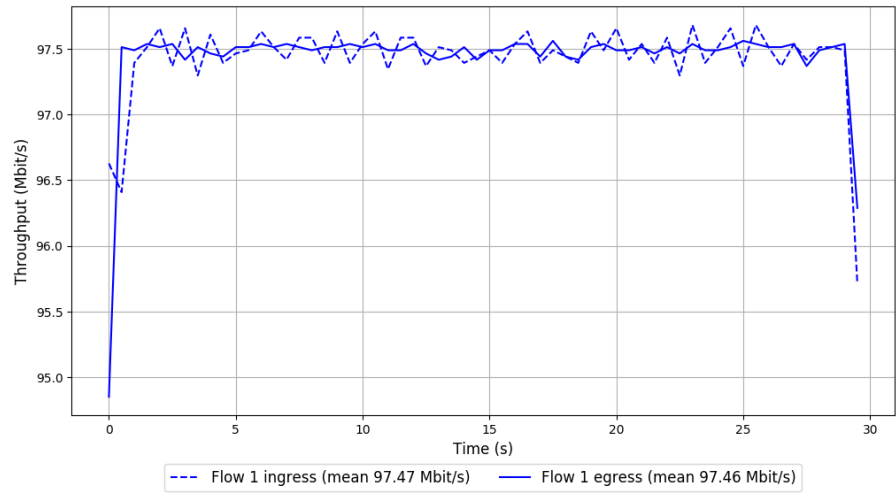
-- Flow 1:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 3.950 ms

Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

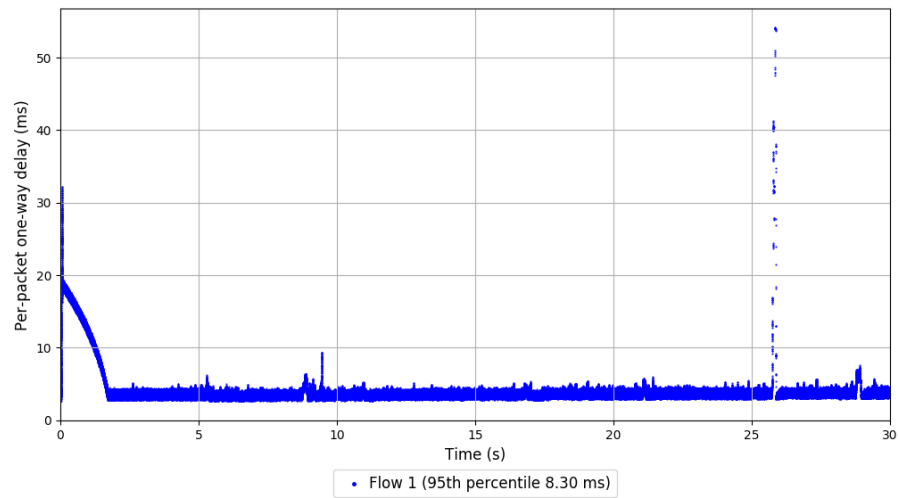
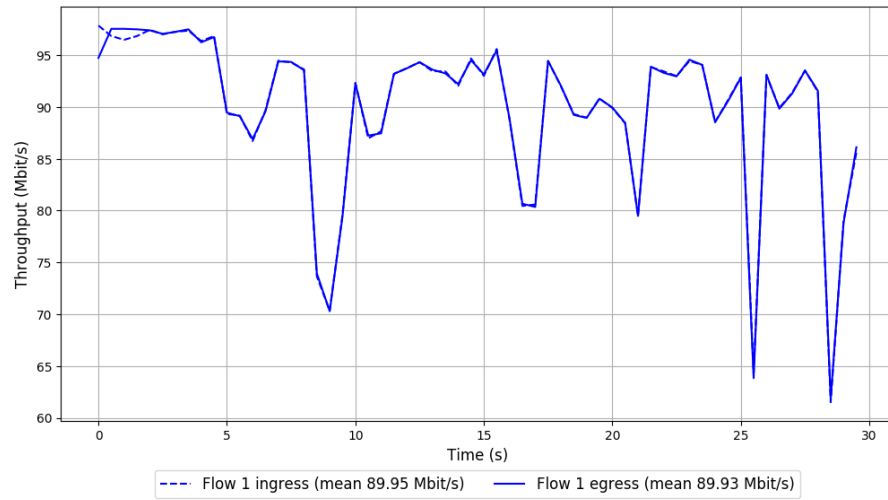


Run 9: Statistics of TCP Vegas

Start at: 2018-02-20 03:27:10
End at: 2018-02-20 03:27:40
Local clock offset: -6.701 ms
Remote clock offset: -7.184 ms

Below is generated by plot.py at 2018-02-20 04:33:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.93 Mbit/s
95th percentile per-packet one-way delay: 8.302 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 89.93 Mbit/s
95th percentile per-packet one-way delay: 8.302 ms
Loss rate: 0.01%

Run 9: Report of TCP Vegas — Data Link

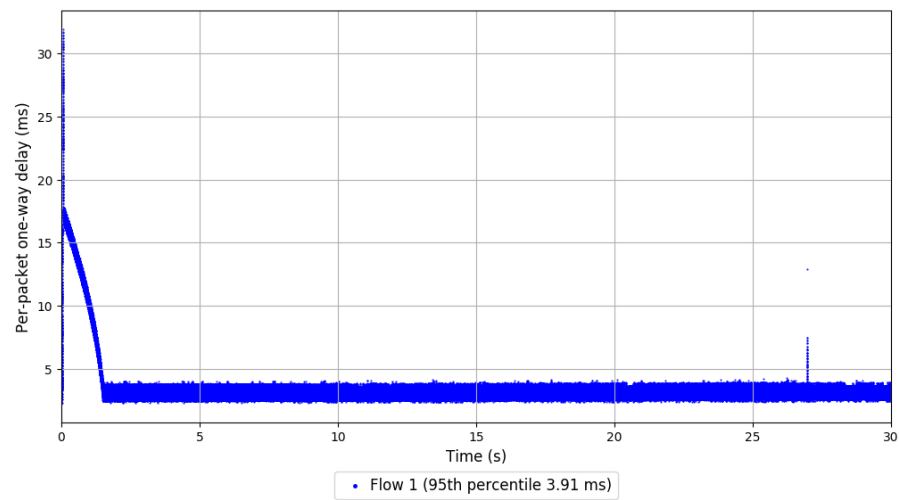
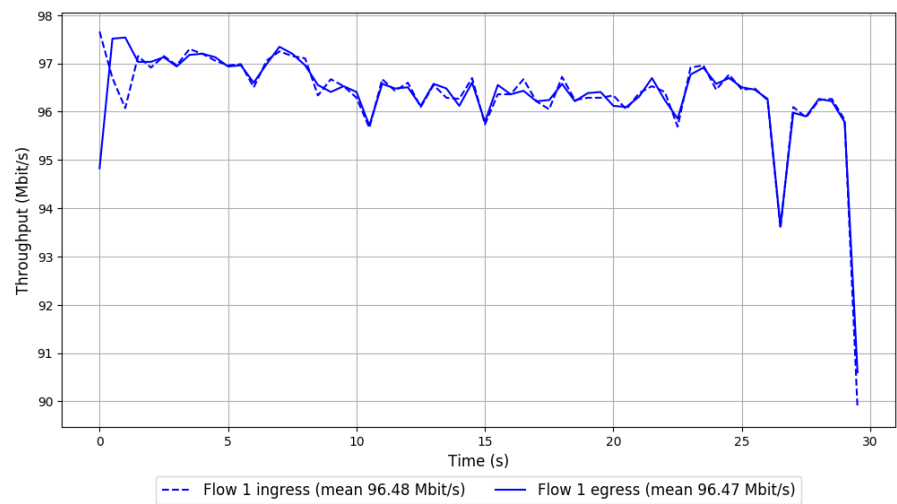


Run 10: Statistics of TCP Vegas

Start at: 2018-02-20 03:47:32
End at: 2018-02-20 03:48:02
Local clock offset: -6.699 ms
Remote clock offset: -16.999 ms

Below is generated by plot.py at 2018-02-20 04:33:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.47 Mbit/s
95th percentile per-packet one-way delay: 3.912 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.47 Mbit/s
95th percentile per-packet one-way delay: 3.912 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-02-20 00:36:33

End at: 2018-02-20 00:37:03

Local clock offset: -6.678 ms

Remote clock offset: -8.45 ms

Below is generated by plot.py at 2018-02-20 04:33:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.82 Mbit/s

95th percentile per-packet one-way delay: 13.982 ms

Loss rate: 1.27%

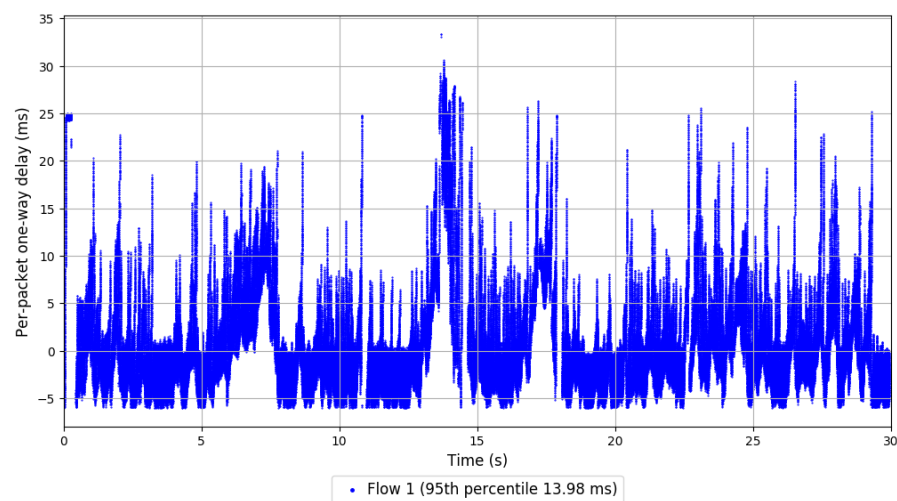
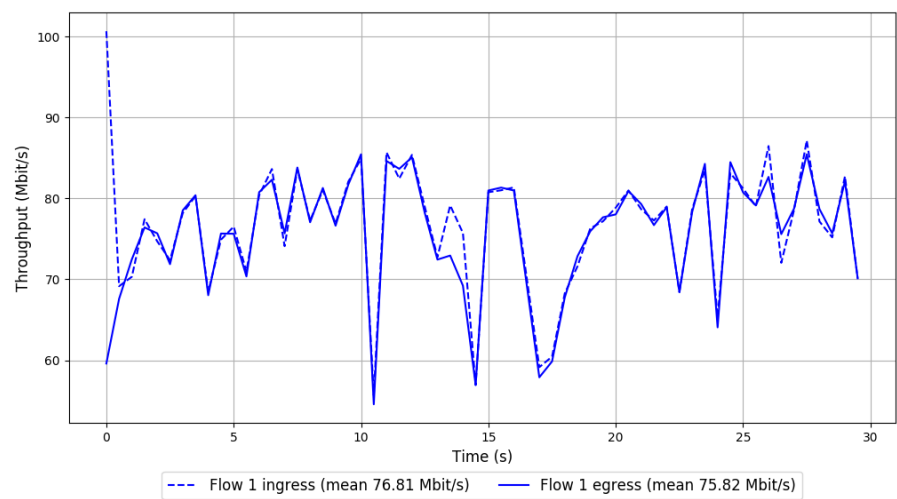
-- Flow 1:

Average throughput: 75.82 Mbit/s

95th percentile per-packet one-way delay: 13.982 ms

Loss rate: 1.27%

Run 1: Report of Verus — Data Link

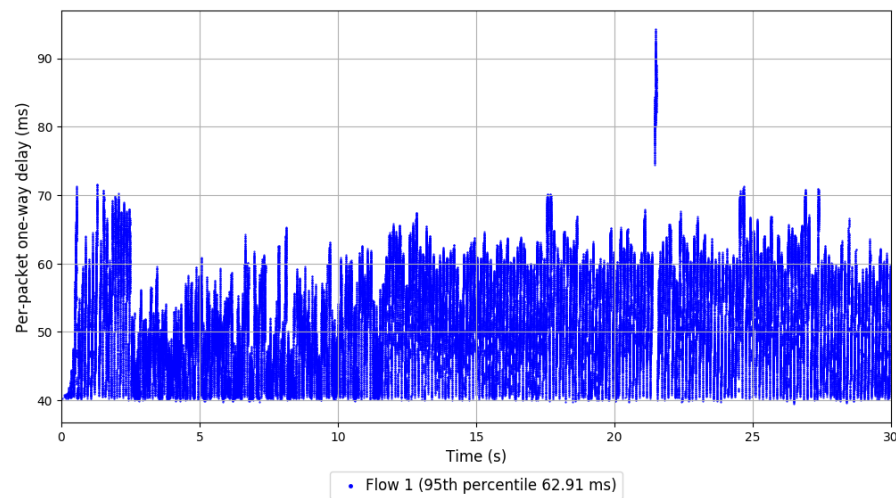
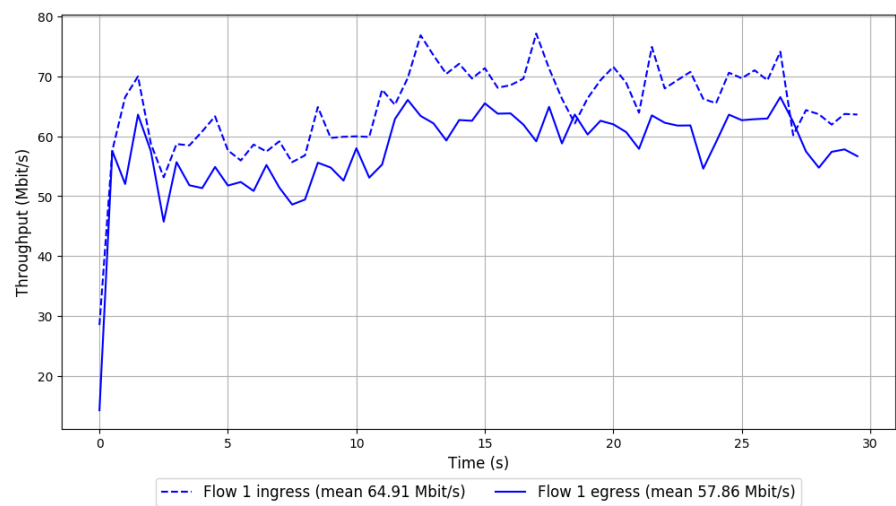


Run 2: Statistics of Verus

Start at: 2018-02-20 00:57:18
End at: 2018-02-20 00:57:48
Local clock offset: -7.398 ms
Remote clock offset: -3.445 ms

Below is generated by plot.py at 2018-02-20 04:33:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 57.86 Mbit/s
95th percentile per-packet one-way delay: 62.907 ms
Loss rate: 10.87%
-- Flow 1:
Average throughput: 57.86 Mbit/s
95th percentile per-packet one-way delay: 62.907 ms
Loss rate: 10.87%

Run 2: Report of Verus — Data Link

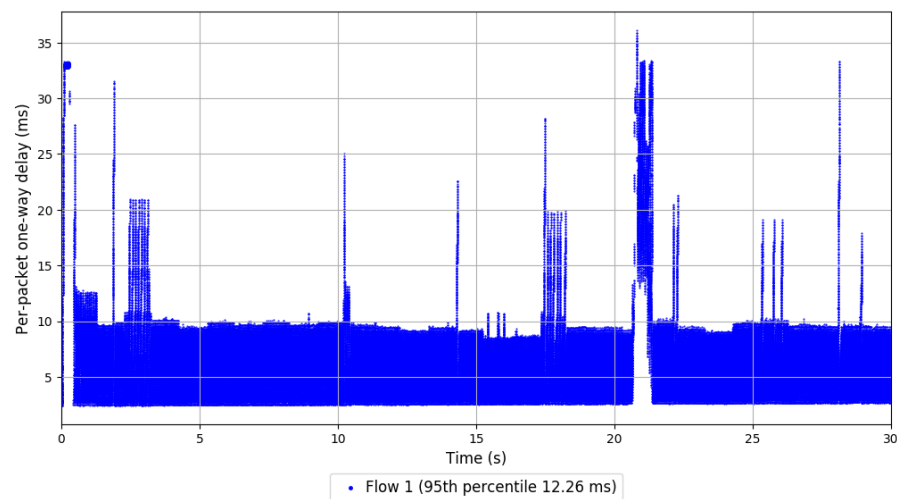
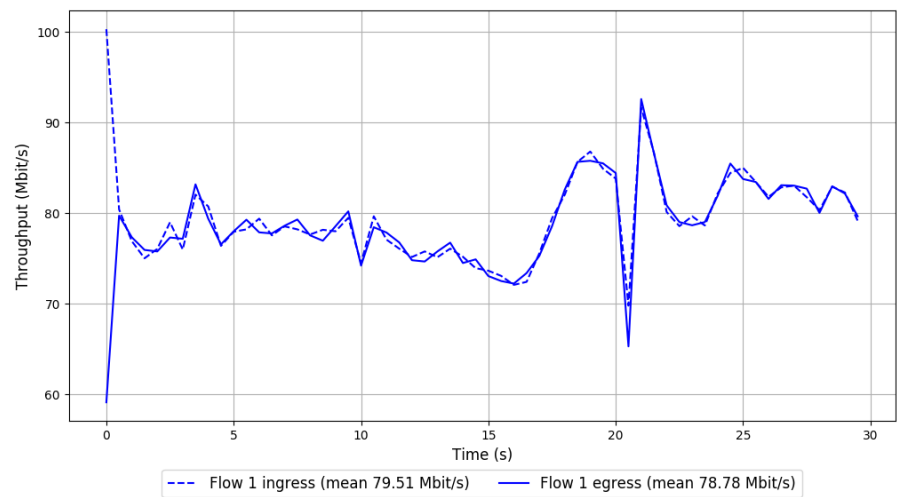


Run 3: Statistics of Verus

Start at: 2018-02-20 01:17:53
End at: 2018-02-20 01:18:23
Local clock offset: -7.843 ms
Remote clock offset: -4.684 ms

Below is generated by plot.py at 2018-02-20 04:33:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.78 Mbit/s
95th percentile per-packet one-way delay: 12.260 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 78.78 Mbit/s
95th percentile per-packet one-way delay: 12.260 ms
Loss rate: 0.90%

Run 3: Report of Verus — Data Link

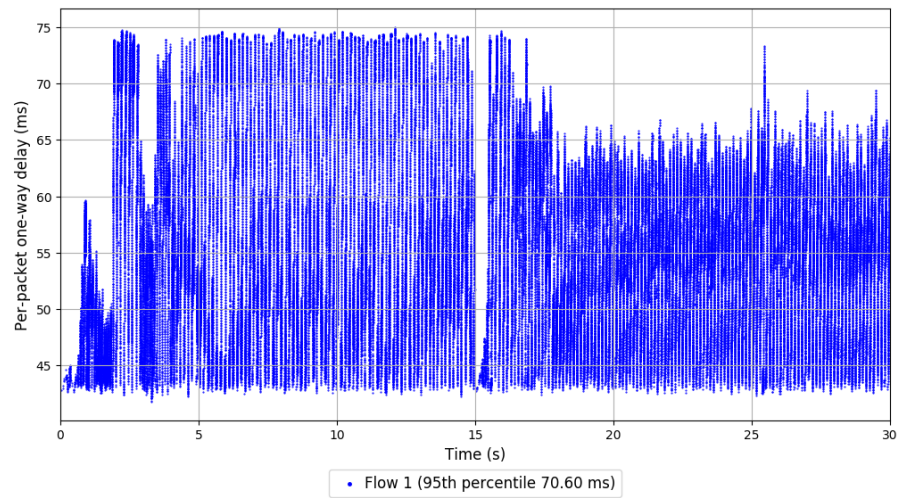
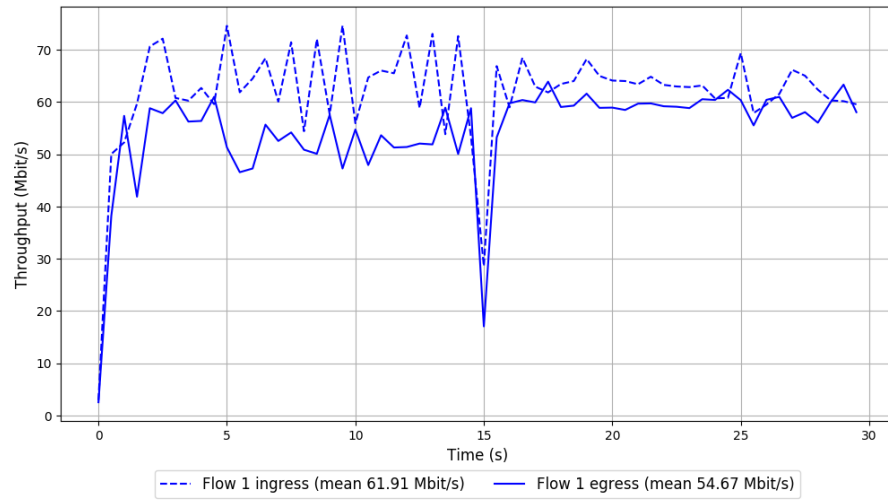


Run 4: Statistics of Verus

Start at: 2018-02-20 01:38:09
End at: 2018-02-20 01:38:40
Local clock offset: -4.053 ms
Remote clock offset: -5.994 ms

Below is generated by plot.py at 2018-02-20 04:33:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.67 Mbit/s
95th percentile per-packet one-way delay: 70.598 ms
Loss rate: 11.68%
-- Flow 1:
Average throughput: 54.67 Mbit/s
95th percentile per-packet one-way delay: 70.598 ms
Loss rate: 11.68%

Run 4: Report of Verus — Data Link

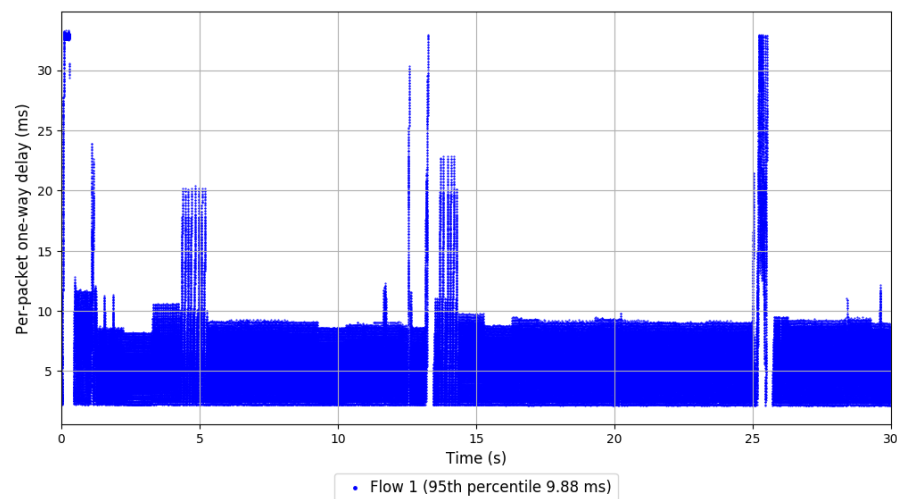
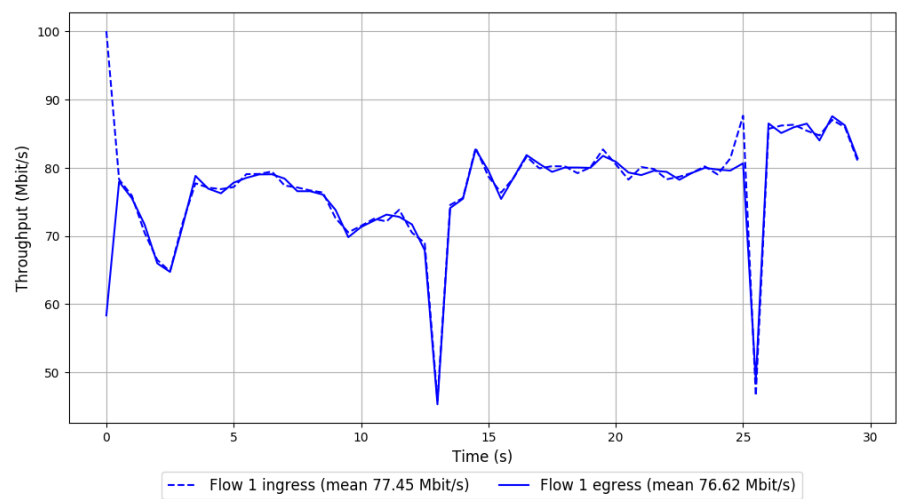


Run 5: Statistics of Verus

Start at: 2018-02-20 01:58:15
End at: 2018-02-20 01:58:46
Local clock offset: -5.143 ms
Remote clock offset: -5.746 ms

Below is generated by plot.py at 2018-02-20 04:34:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.62 Mbit/s
95th percentile per-packet one-way delay: 9.885 ms
Loss rate: 1.04%
-- Flow 1:
Average throughput: 76.62 Mbit/s
95th percentile per-packet one-way delay: 9.885 ms
Loss rate: 1.04%

Run 5: Report of Verus — Data Link

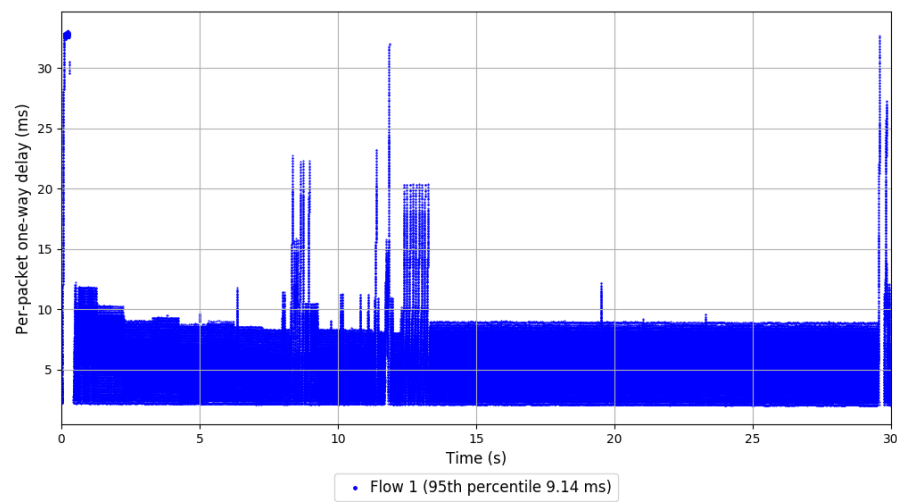
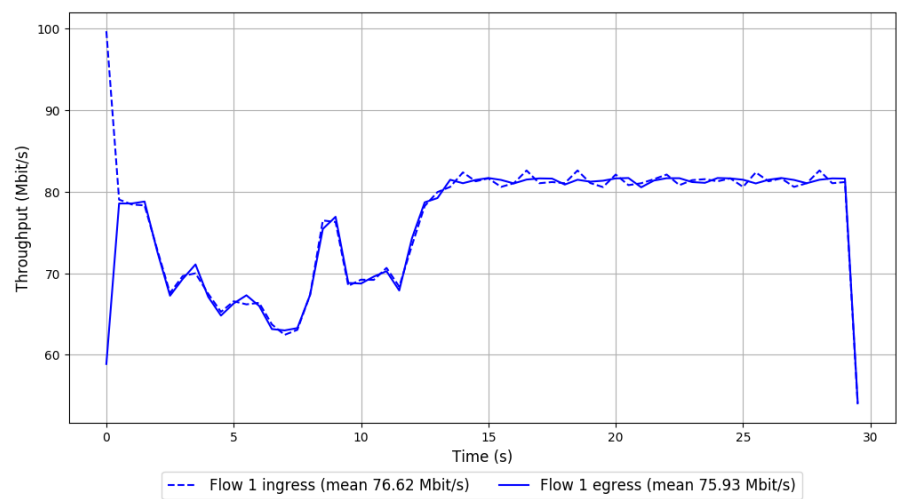


Run 6: Statistics of Verus

Start at: 2018-02-20 02:18:22
End at: 2018-02-20 02:18:52
Local clock offset: -6.659 ms
Remote clock offset: -2.745 ms

Below is generated by plot.py at 2018-02-20 04:34:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.93 Mbit/s
95th percentile per-packet one-way delay: 9.137 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 75.93 Mbit/s
95th percentile per-packet one-way delay: 9.137 ms
Loss rate: 0.88%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-02-20 02:38:31

End at: 2018-02-20 02:39:01

Local clock offset: -6.536 ms

Remote clock offset: 0.393 ms

Below is generated by plot.py at 2018-02-20 04:34:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.62 Mbit/s

95th percentile per-packet one-way delay: 8.333 ms

Loss rate: 1.11%

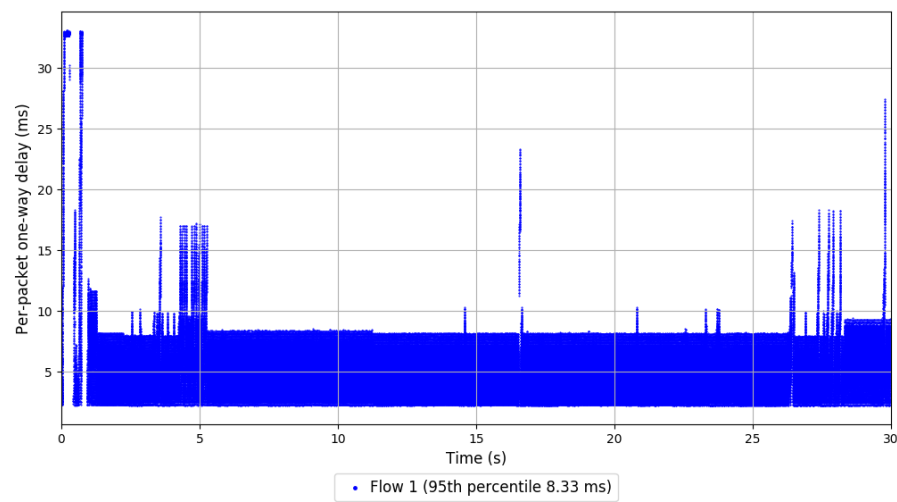
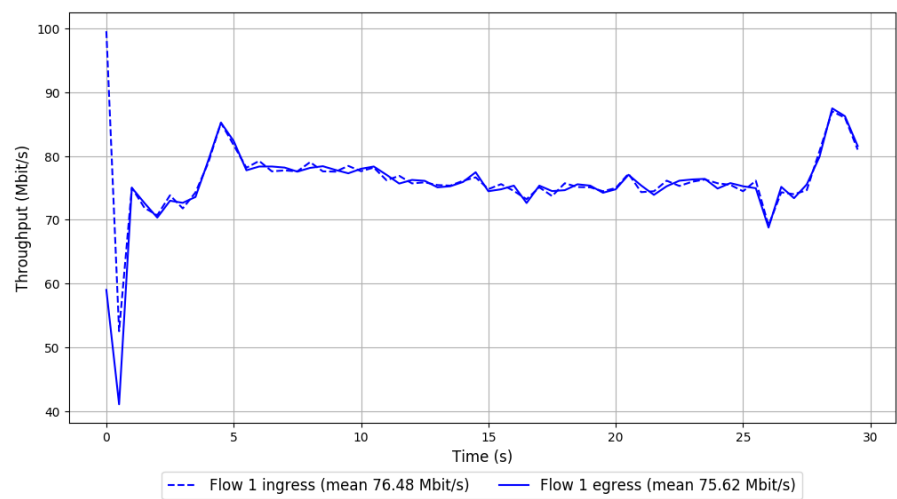
-- Flow 1:

Average throughput: 75.62 Mbit/s

95th percentile per-packet one-way delay: 8.333 ms

Loss rate: 1.11%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-02-20 02:58:49

End at: 2018-02-20 02:59:19

Local clock offset: -6.483 ms

Remote clock offset: 1.679 ms

Below is generated by plot.py at 2018-02-20 04:34:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 69.69 Mbit/s

95th percentile per-packet one-way delay: 8.892 ms

Loss rate: 0.96%

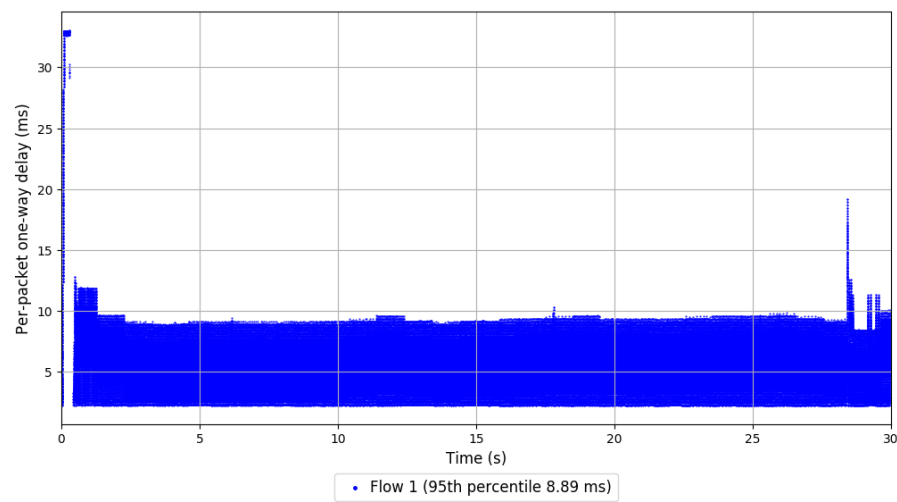
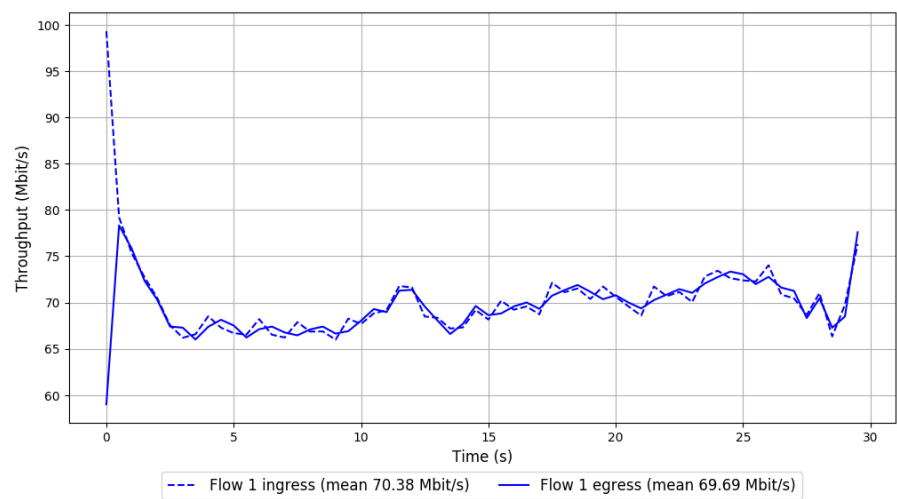
-- Flow 1:

Average throughput: 69.69 Mbit/s

95th percentile per-packet one-way delay: 8.892 ms

Loss rate: 0.96%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-02-20 03:19:13

End at: 2018-02-20 03:19:43

Local clock offset: -6.607 ms

Remote clock offset: 2.815 ms

Below is generated by plot.py at 2018-02-20 04:34:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.24 Mbit/s

95th percentile per-packet one-way delay: 36.659 ms

Loss rate: 1.88%

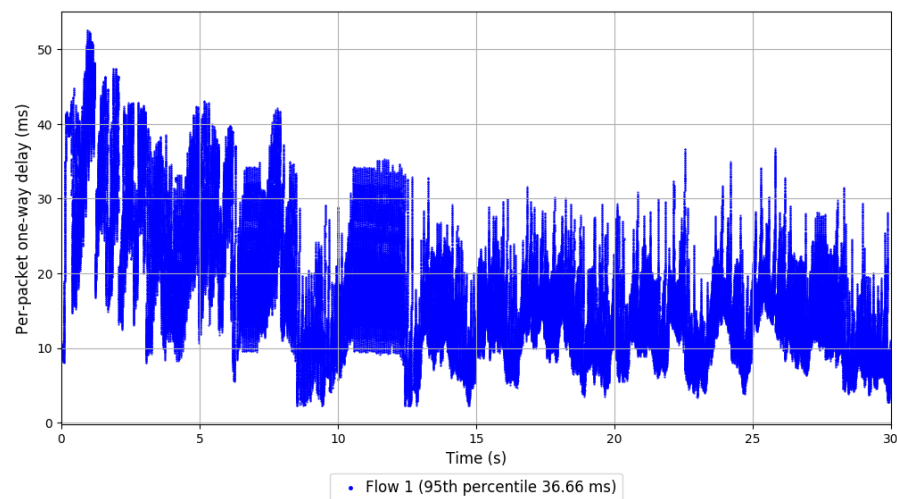
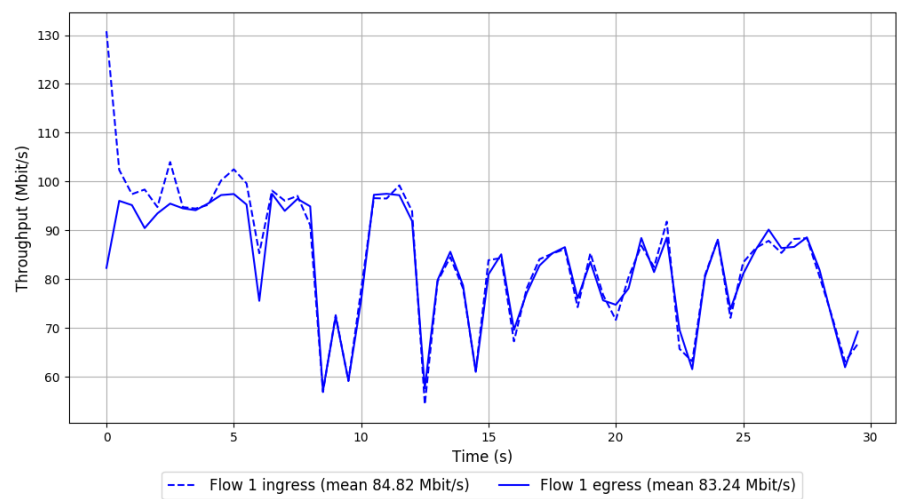
-- Flow 1:

Average throughput: 83.24 Mbit/s

95th percentile per-packet one-way delay: 36.659 ms

Loss rate: 1.88%

Run 9: Report of Verus — Data Link

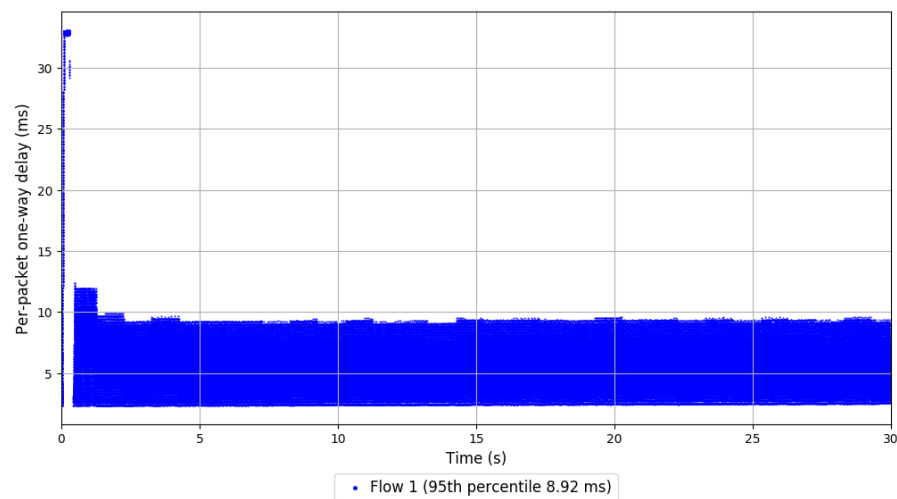
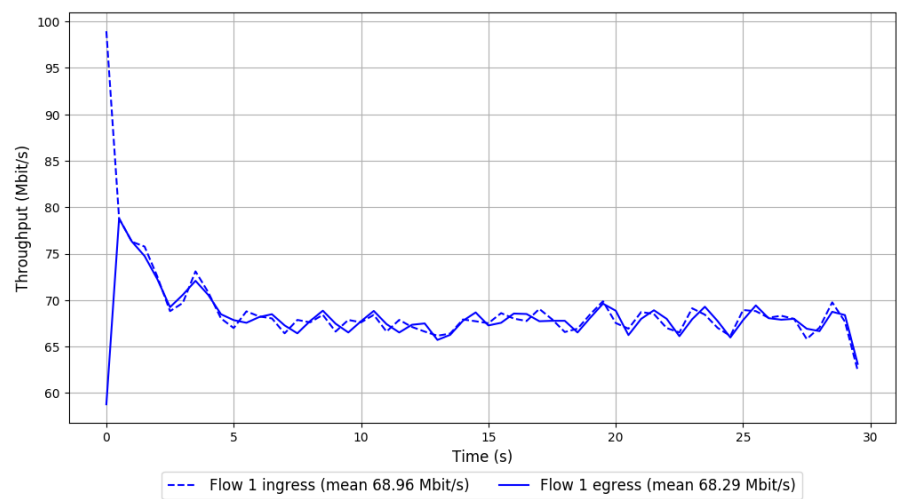


Run 10: Statistics of Verus

Start at: 2018-02-20 03:39:36
End at: 2018-02-20 03:40:06
Local clock offset: -6.662 ms
Remote clock offset: -14.463 ms

Below is generated by plot.py at 2018-02-20 04:34:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 68.29 Mbit/s
95th percentile per-packet one-way delay: 8.918 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 68.29 Mbit/s
95th percentile per-packet one-way delay: 8.918 ms
Loss rate: 0.97%

Run 10: Report of Verus — Data Link

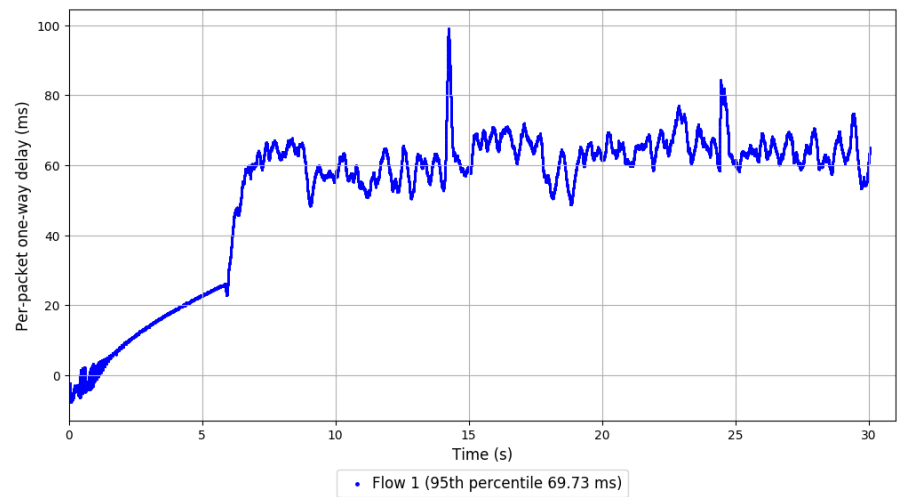
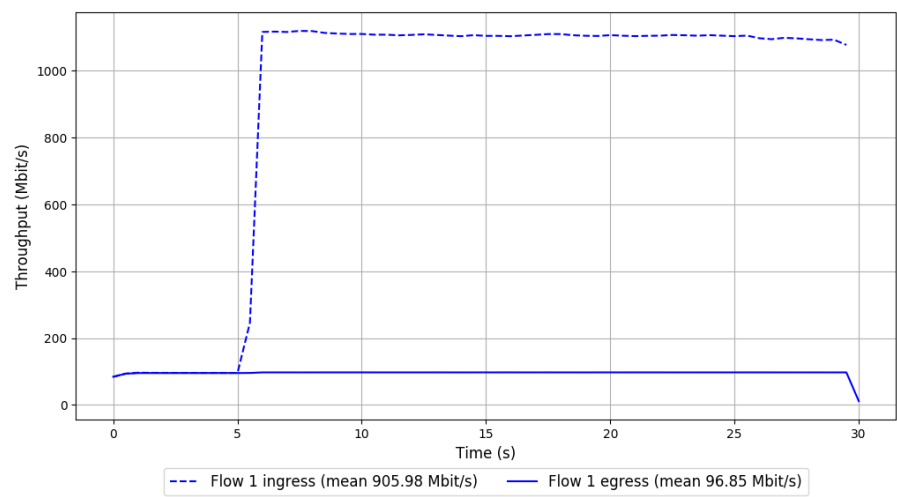


Run 1: Statistics of Copa

Start at: 2018-02-20 00:41:04
End at: 2018-02-20 00:41:34
Local clock offset: -6.744 ms
Remote clock offset: -10.376 ms

Below is generated by plot.py at 2018-02-20 04:42:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 69.732 ms
Loss rate: 89.28%
-- Flow 1:
Average throughput: 96.85 Mbit/s
95th percentile per-packet one-way delay: 69.732 ms
Loss rate: 89.28%

Run 1: Report of Copa — Data Link

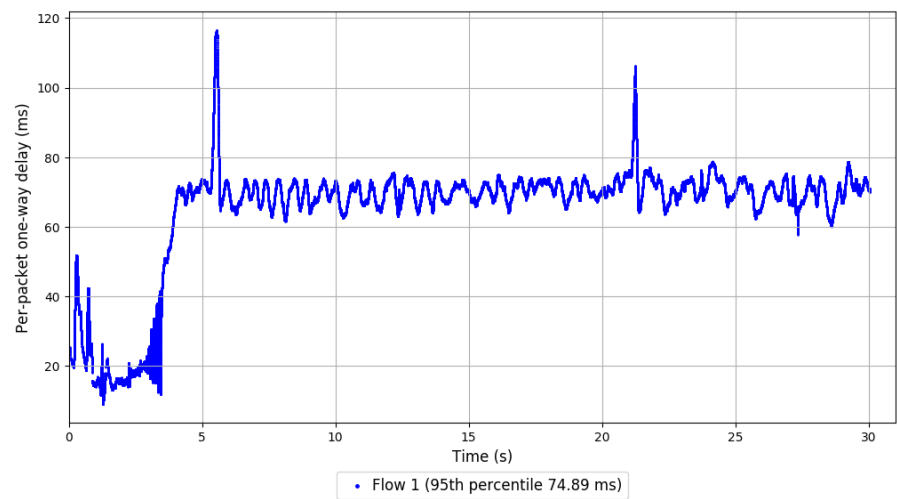
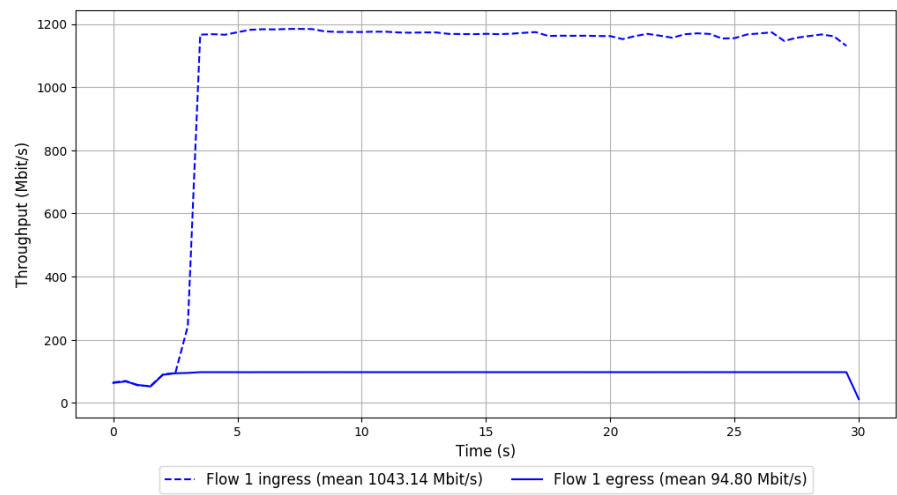


Run 2: Statistics of Copa

Start at: 2018-02-20 01:01:46
End at: 2018-02-20 01:02:16
Local clock offset: -7.556 ms
Remote clock offset: -0.334 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.80 Mbit/s
95th percentile per-packet one-way delay: 74.892 ms
Loss rate: 90.90%
-- Flow 1:
Average throughput: 94.80 Mbit/s
95th percentile per-packet one-way delay: 74.892 ms
Loss rate: 90.90%

Run 2: Report of Copa — Data Link

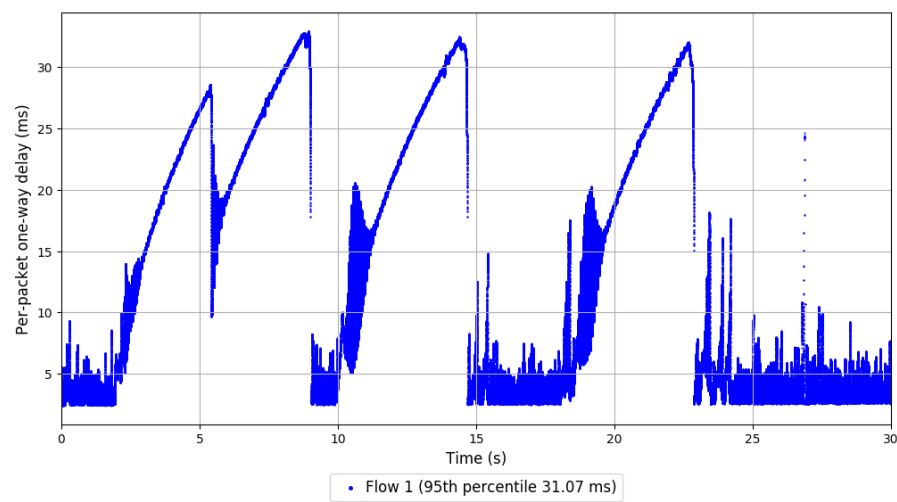
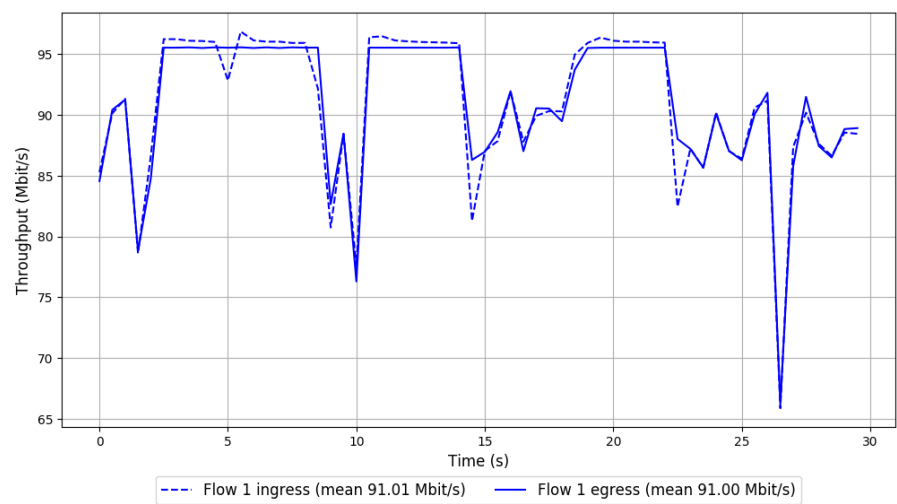


Run 3: Statistics of Copa

Start at: 2018-02-20 01:22:26
End at: 2018-02-20 01:22:56
Local clock offset: -6.333 ms
Remote clock offset: -5.165 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.00 Mbit/s
95th percentile per-packet one-way delay: 31.070 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 91.00 Mbit/s
95th percentile per-packet one-way delay: 31.070 ms
Loss rate: 0.01%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-02-20 01:42:35

End at: 2018-02-20 01:43:05

Local clock offset: -3.746 ms

Remote clock offset: -5.86 ms

Below is generated by plot.py at 2018-02-20 04:43:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.73 Mbit/s

95th percentile per-packet one-way delay: 4.886 ms

Loss rate: 0.00%

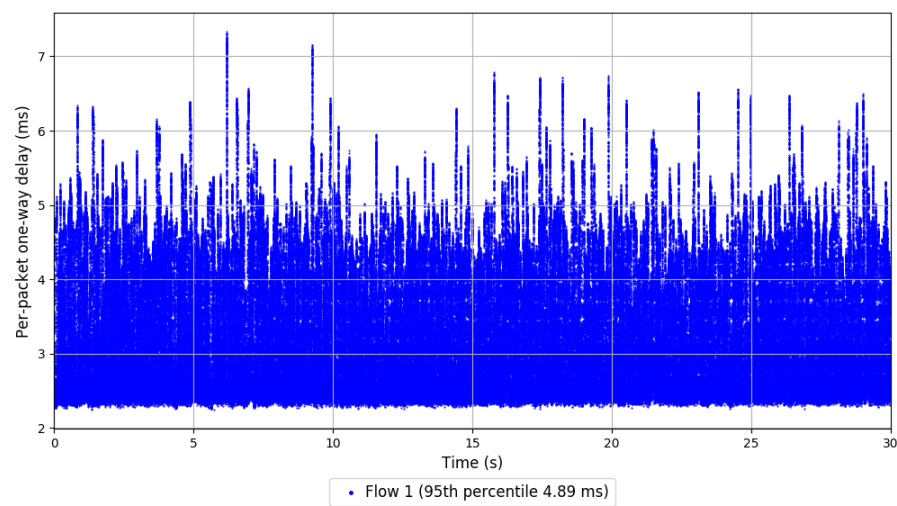
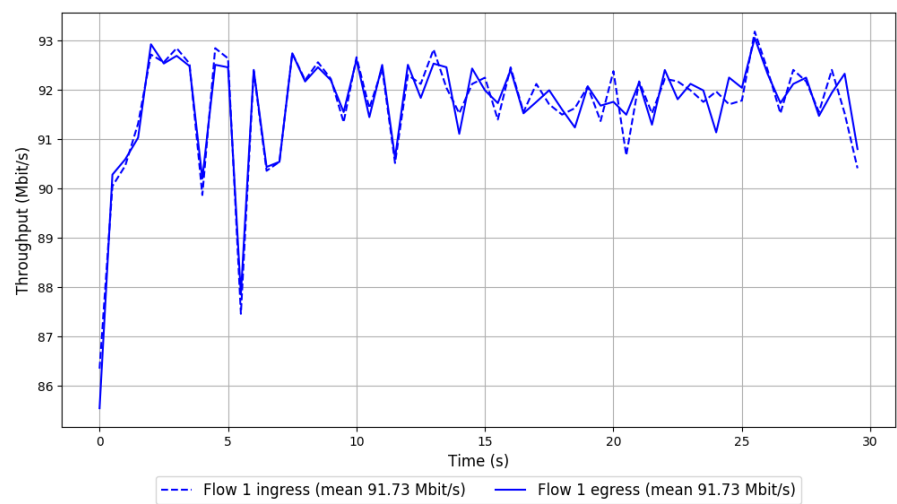
-- Flow 1:

Average throughput: 91.73 Mbit/s

95th percentile per-packet one-way delay: 4.886 ms

Loss rate: 0.00%

Run 4: Report of Copa — Data Link

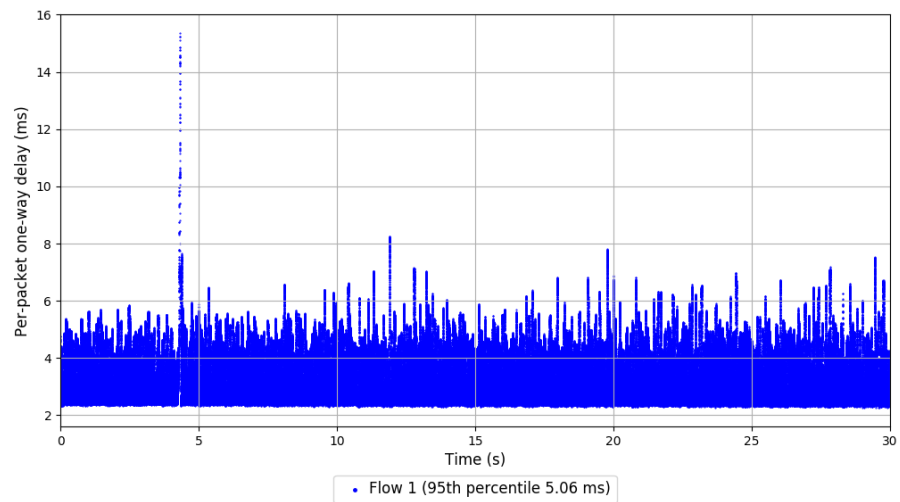
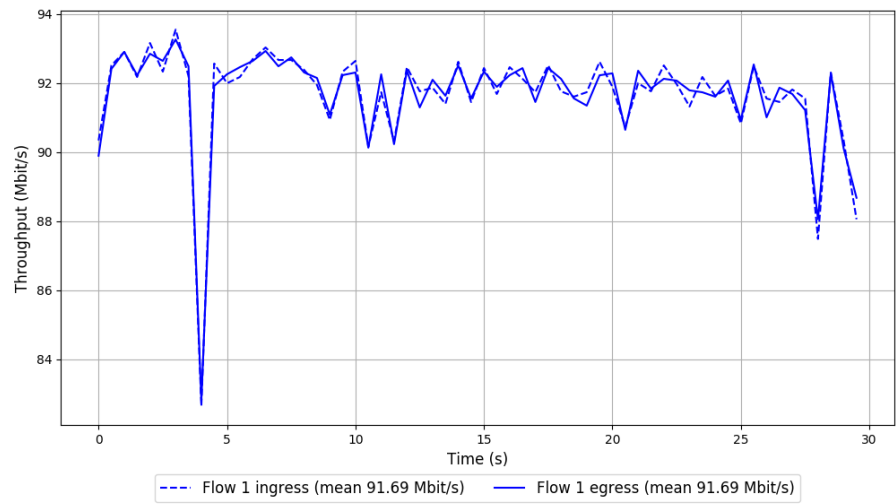


Run 5: Statistics of Copa

Start at: 2018-02-20 02:02:37
End at: 2018-02-20 02:03:07
Local clock offset: -5.847 ms
Remote clock offset: -5.803 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.69 Mbit/s
95th percentile per-packet one-way delay: 5.064 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.69 Mbit/s
95th percentile per-packet one-way delay: 5.064 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

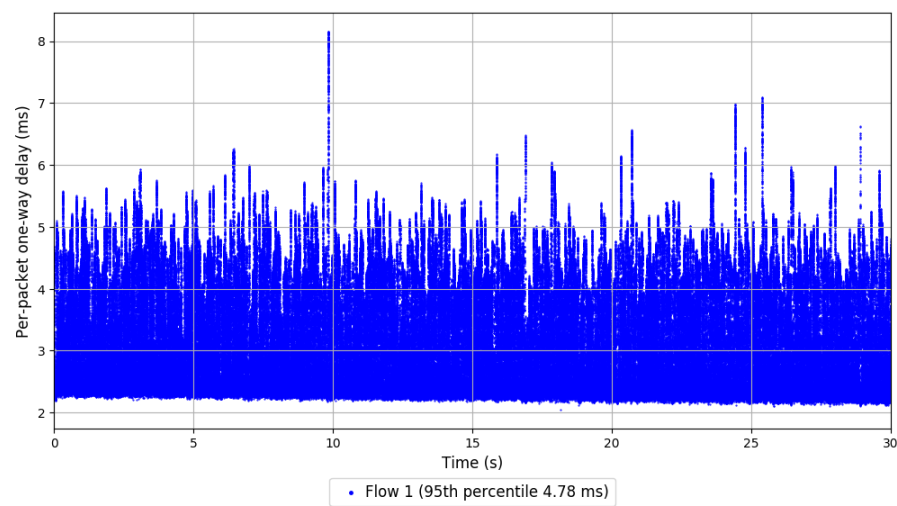
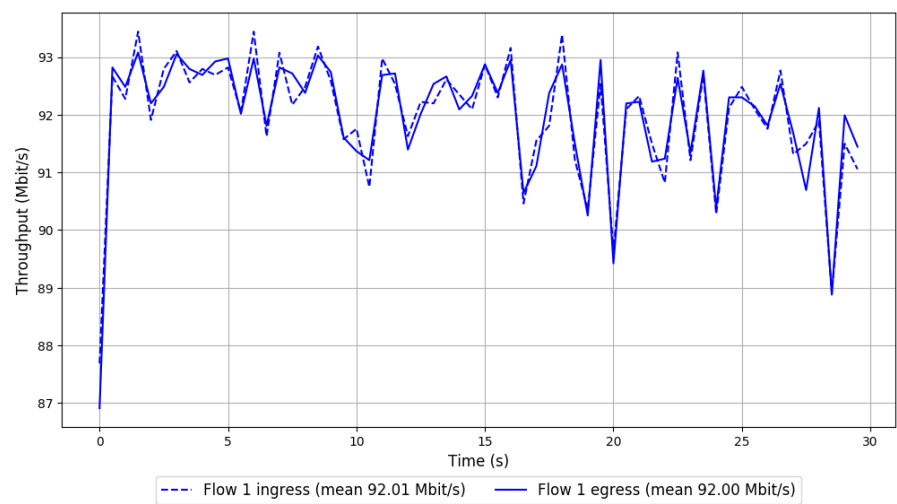


Run 6: Statistics of Copa

Start at: 2018-02-20 02:22:55
End at: 2018-02-20 02:23:25
Local clock offset: -6.743 ms
Remote clock offset: -1.545 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.00 Mbit/s
95th percentile per-packet one-way delay: 4.779 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.00 Mbit/s
95th percentile per-packet one-way delay: 4.779 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-02-20 02:43:03

End at: 2018-02-20 02:43:33

Local clock offset: -6.5 ms

Remote clock offset: 0.728 ms

Below is generated by plot.py at 2018-02-20 04:43:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.13 Mbit/s

95th percentile per-packet one-way delay: 4.838 ms

Loss rate: 0.00%

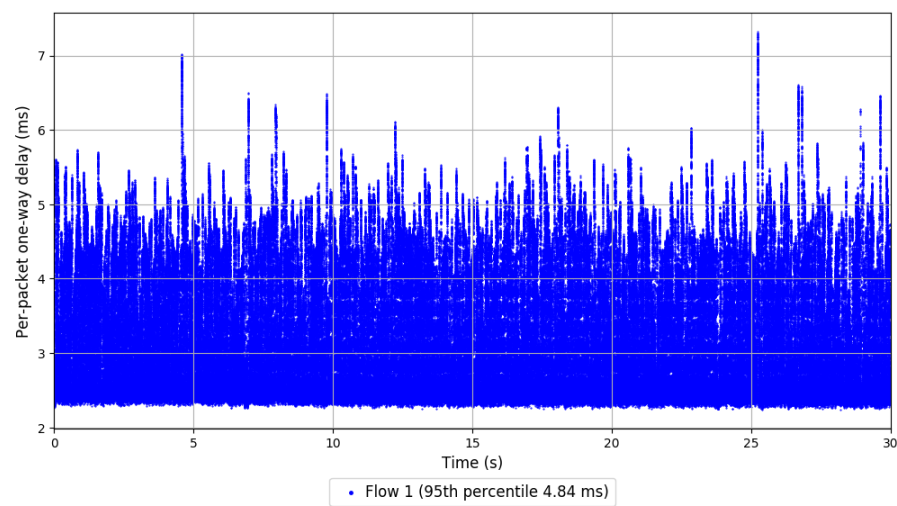
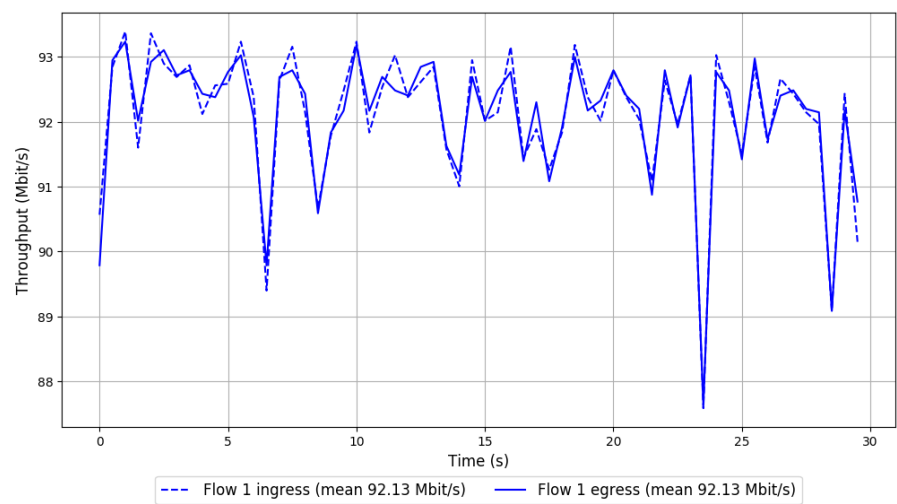
-- Flow 1:

Average throughput: 92.13 Mbit/s

95th percentile per-packet one-way delay: 4.838 ms

Loss rate: 0.00%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-02-20 03:03:21

End at: 2018-02-20 03:03:51

Local clock offset: -6.522 ms

Remote clock offset: 1.936 ms

Below is generated by plot.py at 2018-02-20 04:43:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.30 Mbit/s

95th percentile per-packet one-way delay: 4.807 ms

Loss rate: 0.00%

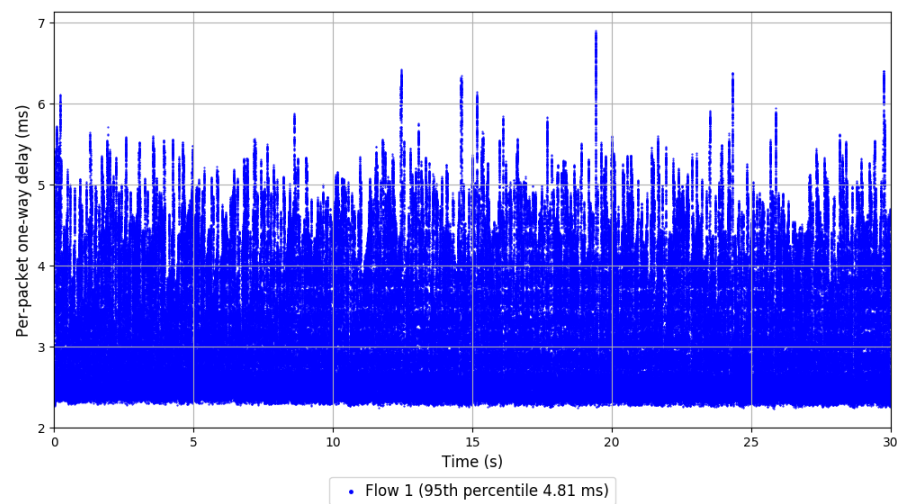
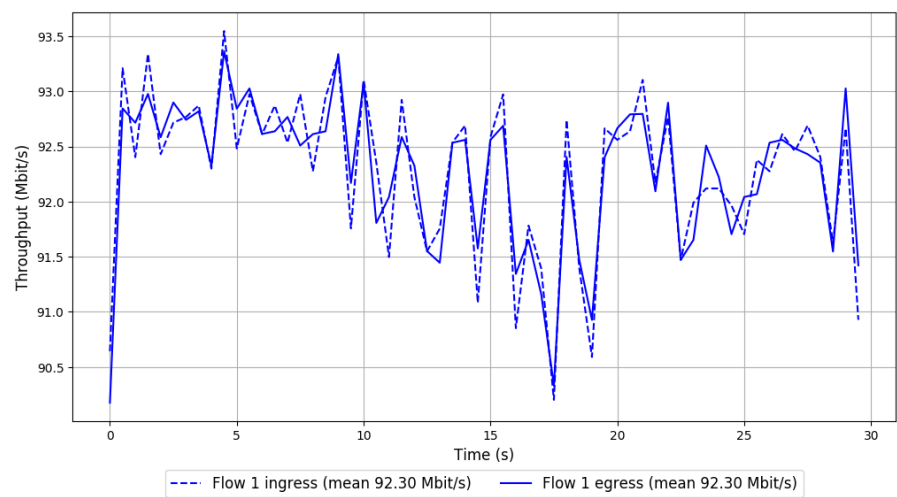
-- Flow 1:

Average throughput: 92.30 Mbit/s

95th percentile per-packet one-way delay: 4.807 ms

Loss rate: 0.00%

Run 8: Report of Copa — Data Link

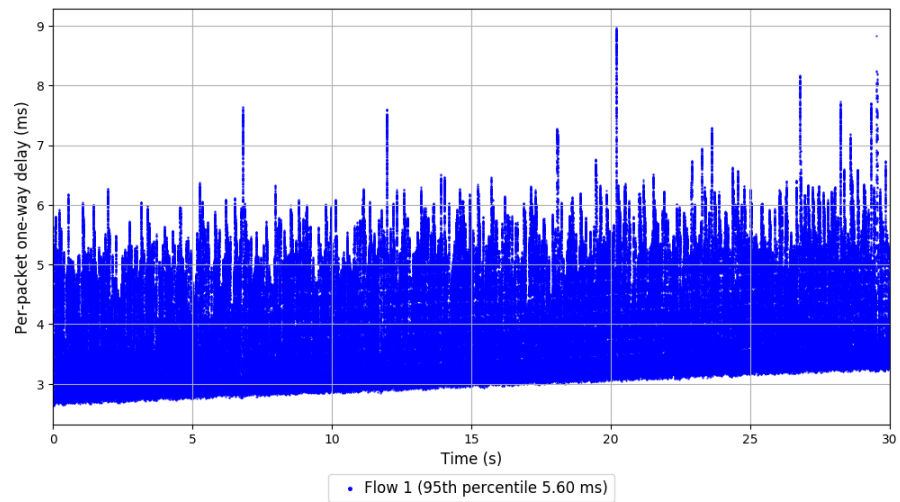
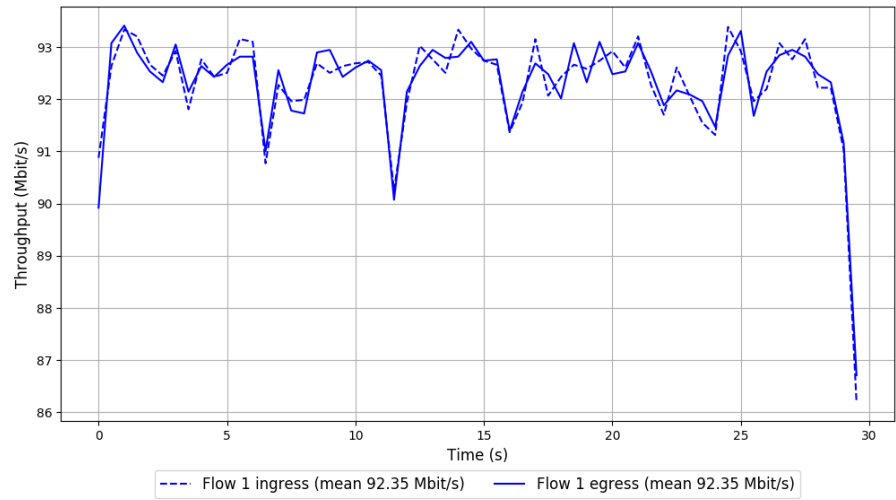


Run 9: Statistics of Copa

Start at: 2018-02-20 03:23:45
End at: 2018-02-20 03:24:15
Local clock offset: -6.698 ms
Remote clock offset: -3.528 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.35 Mbit/s
95th percentile per-packet one-way delay: 5.596 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.35 Mbit/s
95th percentile per-packet one-way delay: 5.596 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

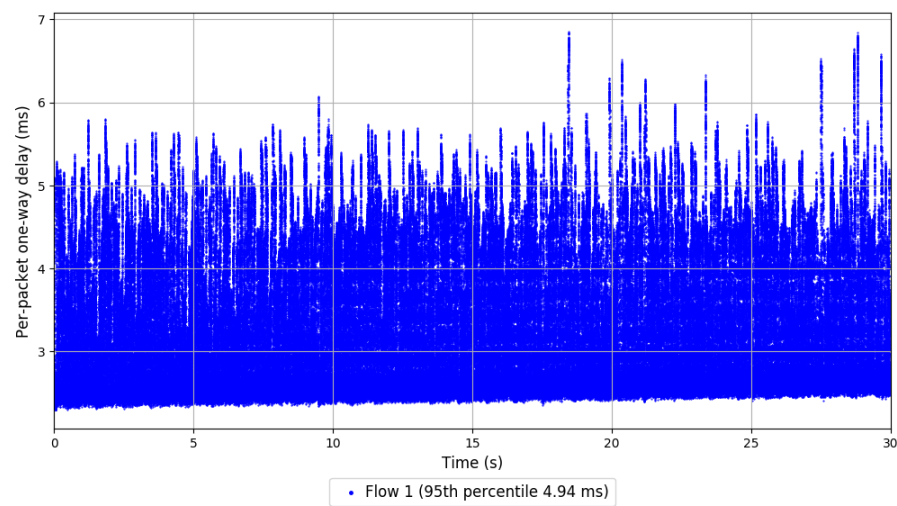
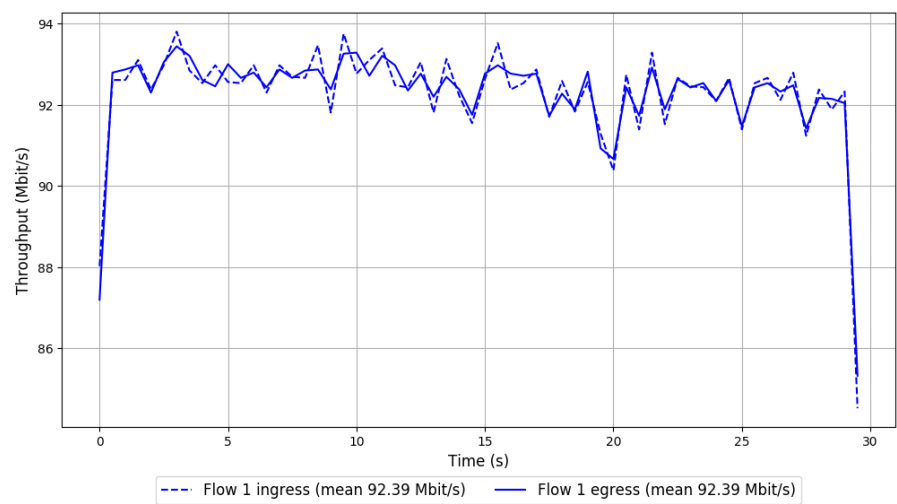


Run 10: Statistics of Copa

Start at: 2018-02-20 03:44:08
End at: 2018-02-20 03:44:38
Local clock offset: -6.688 ms
Remote clock offset: -16.026 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.39 Mbit/s
95th percentile per-packet one-way delay: 4.940 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.39 Mbit/s
95th percentile per-packet one-way delay: 4.940 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

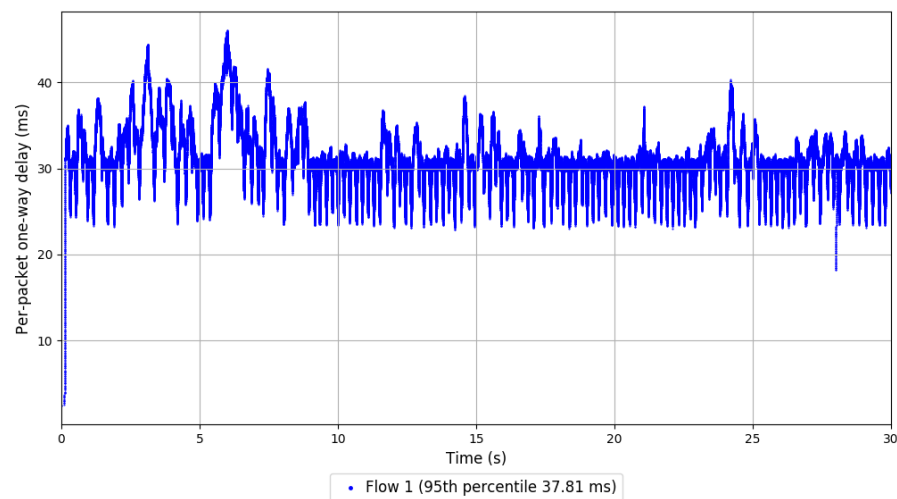
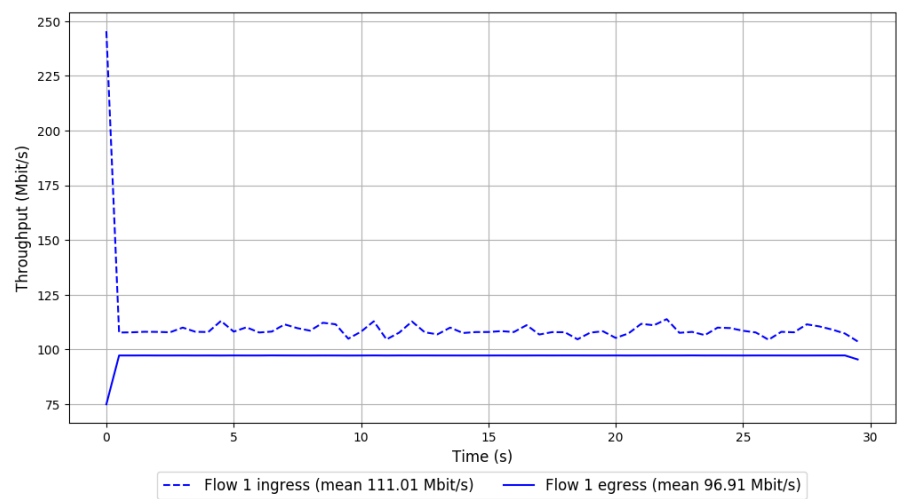


Run 1: Statistics of FillP

Start at: 2018-02-20 00:51:46
End at: 2018-02-20 00:52:16
Local clock offset: -7.22 ms
Remote clock offset: -0.467 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 37.815 ms
Loss rate: 12.63%
-- Flow 1:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 37.815 ms
Loss rate: 12.63%

Run 1: Report of FillP — Data Link

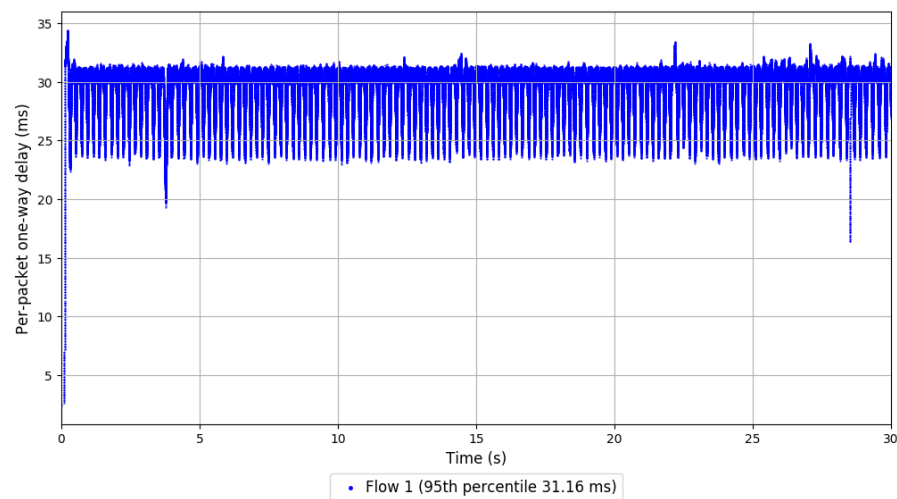
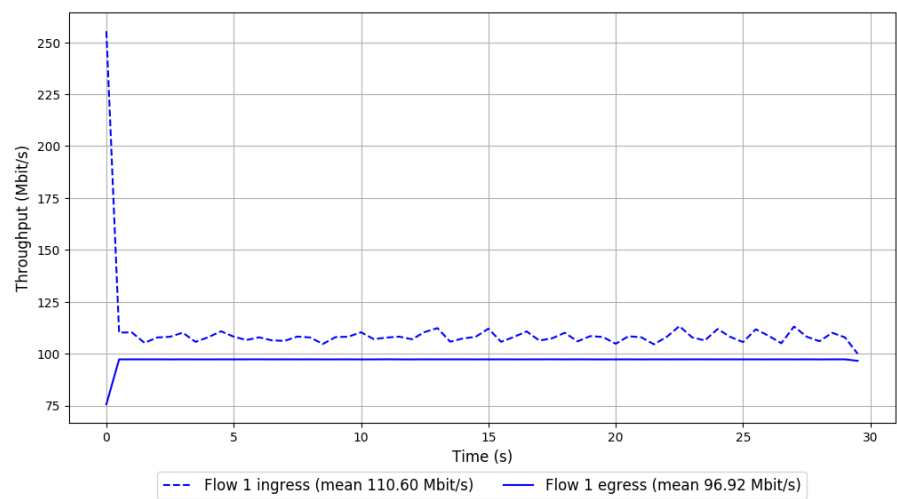


Run 2: Statistics of FillP

Start at: 2018-02-20 01:12:20
End at: 2018-02-20 01:12:50
Local clock offset: -7.945 ms
Remote clock offset: -3.627 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 31.163 ms
Loss rate: 12.29%
-- Flow 1:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 31.163 ms
Loss rate: 12.29%

Run 2: Report of FillP — Data Link

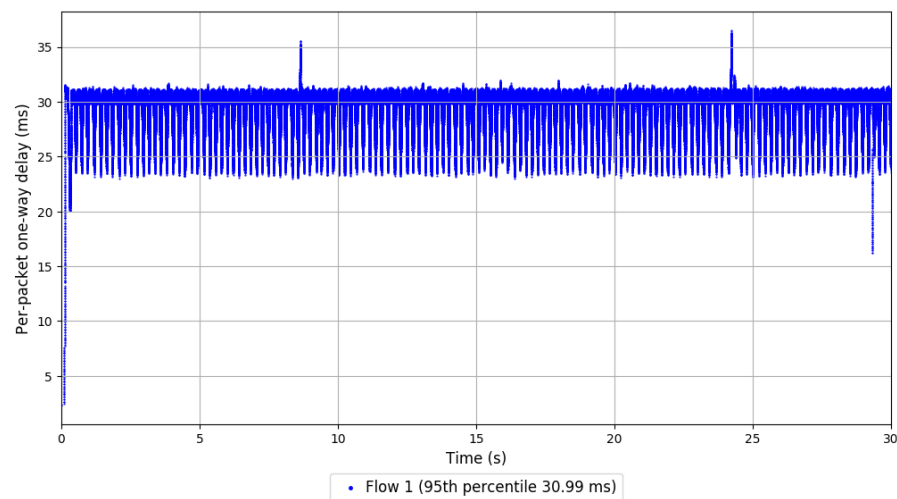
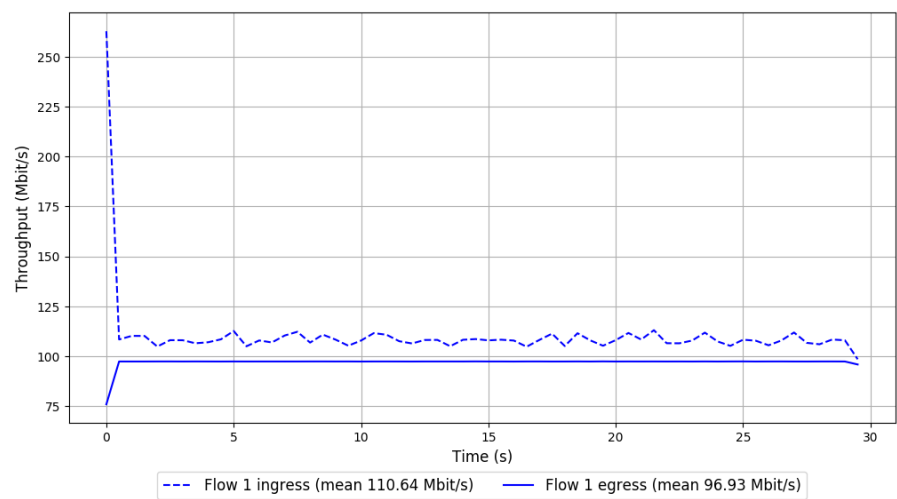


Run 3: Statistics of FillP

Start at: 2018-02-20 01:32:38
End at: 2018-02-20 01:33:08
Local clock offset: -4.538 ms
Remote clock offset: -5.812 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 30.993 ms
Loss rate: 12.33%
-- Flow 1:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 30.993 ms
Loss rate: 12.33%

Run 3: Report of FillP — Data Link

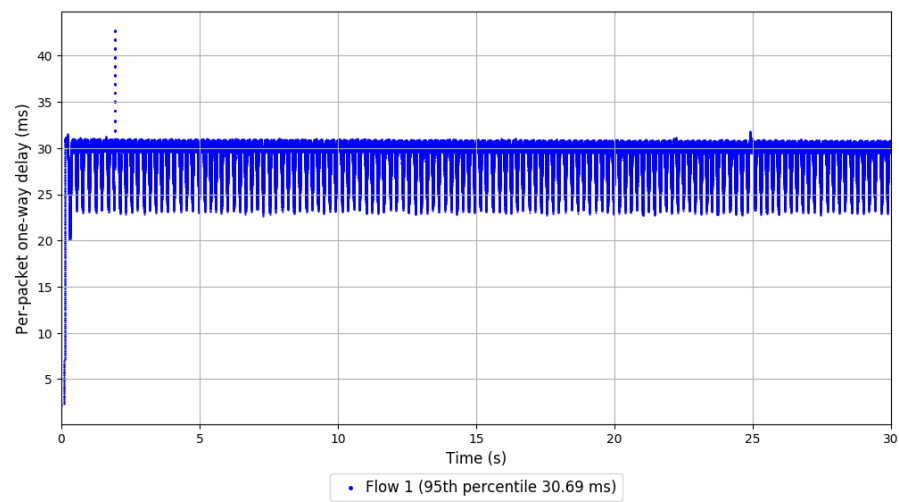
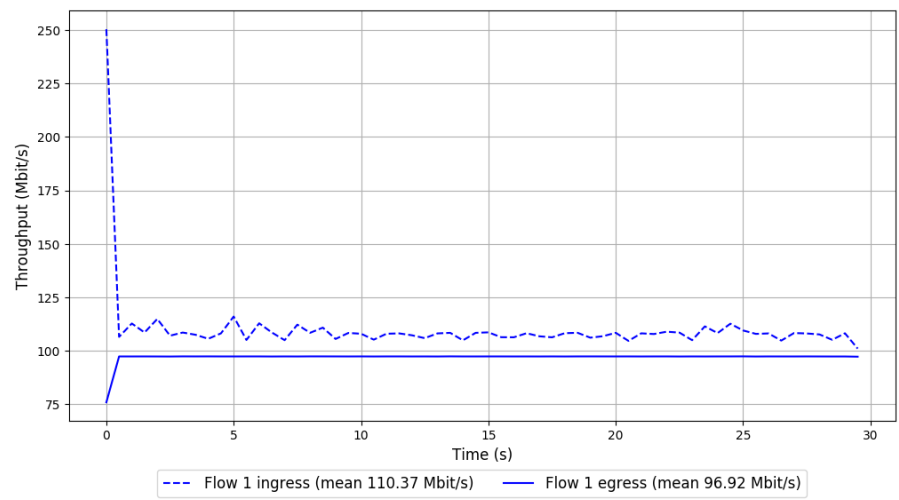


Run 4: Statistics of FillP

Start at: 2018-02-20 01:52:41
End at: 2018-02-20 01:53:11
Local clock offset: -3.684 ms
Remote clock offset: -5.704 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 30.692 ms
Loss rate: 12.10%
-- Flow 1:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 30.692 ms
Loss rate: 12.10%

Run 4: Report of FillP — Data Link

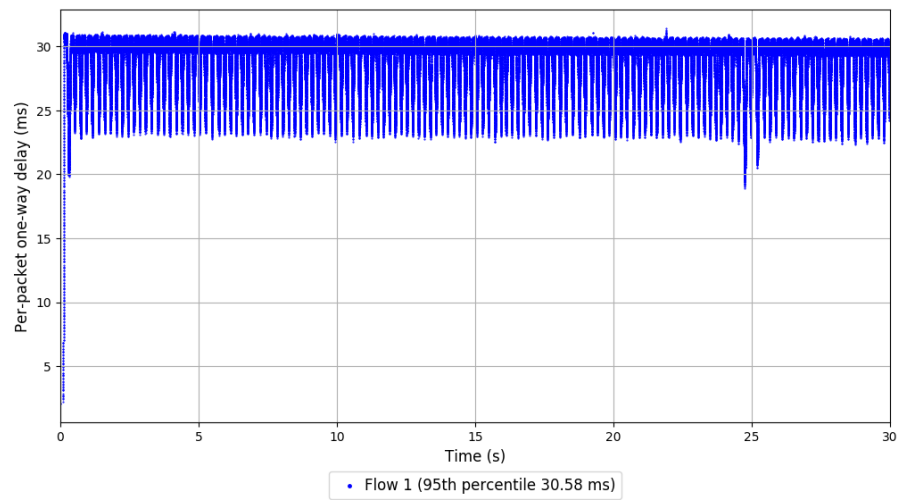
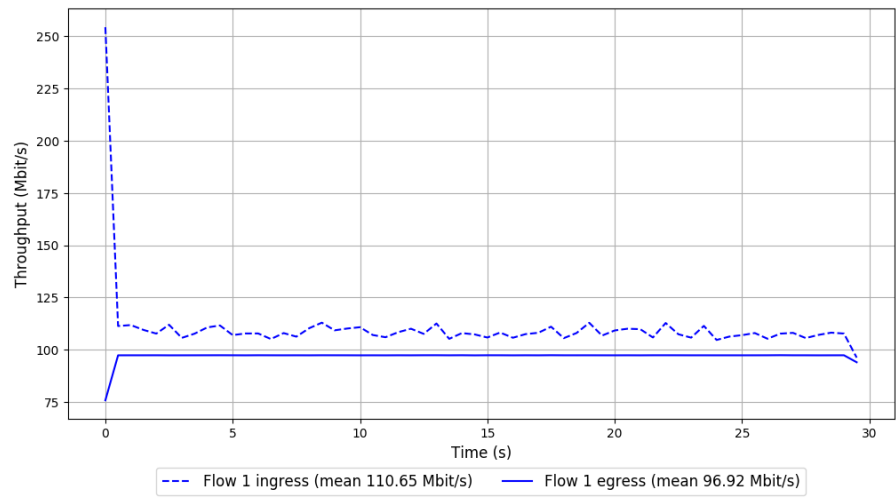


Run 5: Statistics of FillP

Start at: 2018-02-20 02:12:48
End at: 2018-02-20 02:13:18
Local clock offset: -6.503 ms
Remote clock offset: -5.126 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 30.584 ms
Loss rate: 12.34%
-- Flow 1:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 30.584 ms
Loss rate: 12.34%

Run 5: Report of FillP — Data Link

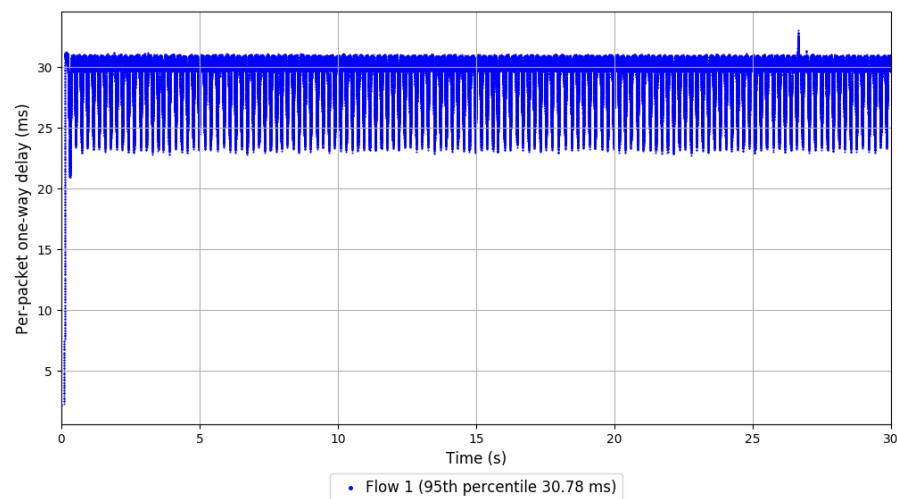
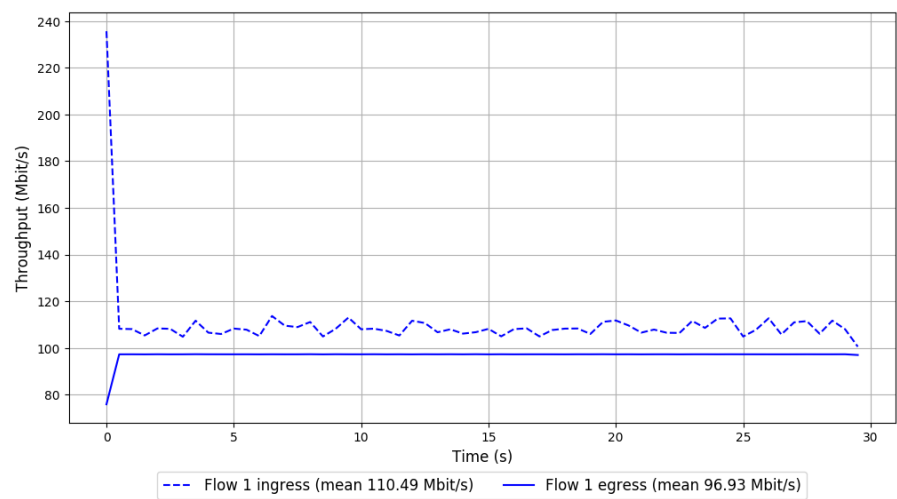


Run 6: Statistics of FillP

Start at: 2018-02-20 02:33:01
End at: 2018-02-20 02:33:31
Local clock offset: -6.584 ms
Remote clock offset: -0.146 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 30.776 ms
Loss rate: 12.19%
-- Flow 1:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 30.776 ms
Loss rate: 12.19%

Run 6: Report of FillP — Data Link

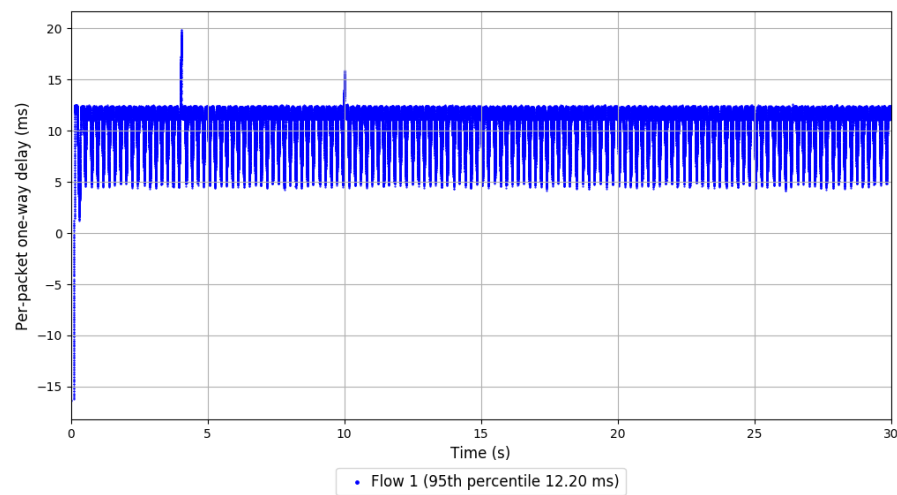
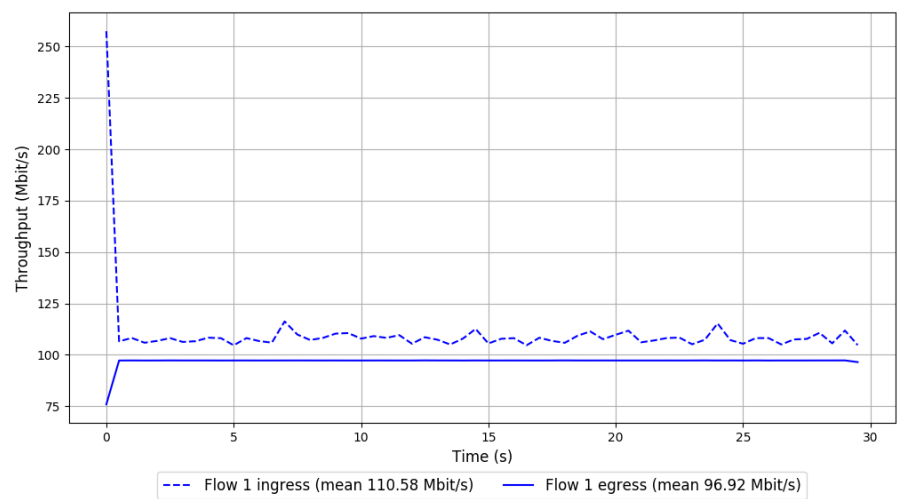


Run 7: Statistics of FillP

Start at: 2018-02-20 02:53:17
End at: 2018-02-20 02:53:47
Local clock offset: -6.471 ms
Remote clock offset: -17.282 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 12.200 ms
Loss rate: 12.27%
-- Flow 1:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 12.200 ms
Loss rate: 12.27%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-02-20 03:13:38

End at: 2018-02-20 03:14:08

Local clock offset: -6.594 ms

Remote clock offset: 2.5 ms

Below is generated by plot.py at 2018-02-20 04:43:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.78 Mbit/s

95th percentile per-packet one-way delay: 65.615 ms

Loss rate: 13.53%

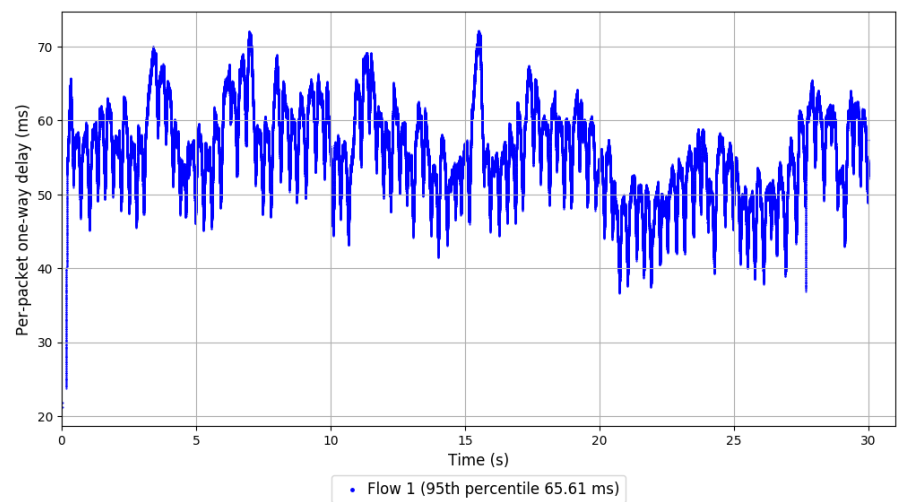
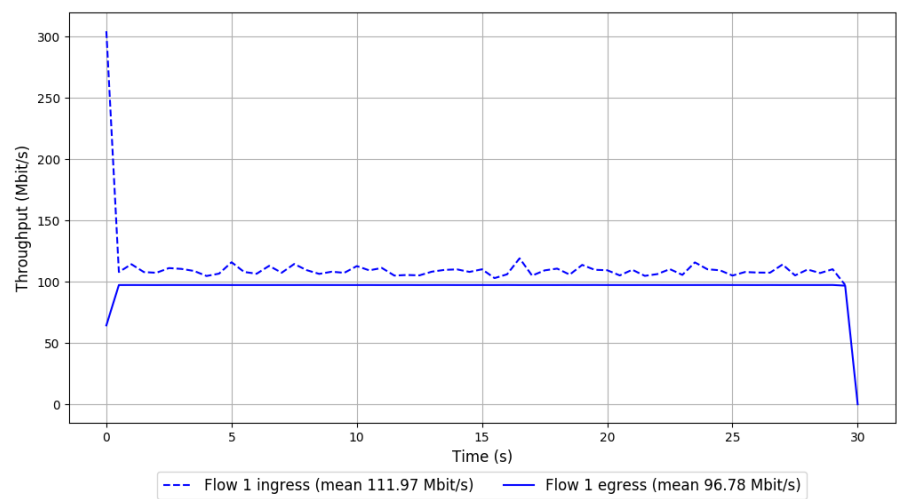
-- Flow 1:

Average throughput: 96.78 Mbit/s

95th percentile per-packet one-way delay: 65.615 ms

Loss rate: 13.53%

Run 8: Report of FillP — Data Link

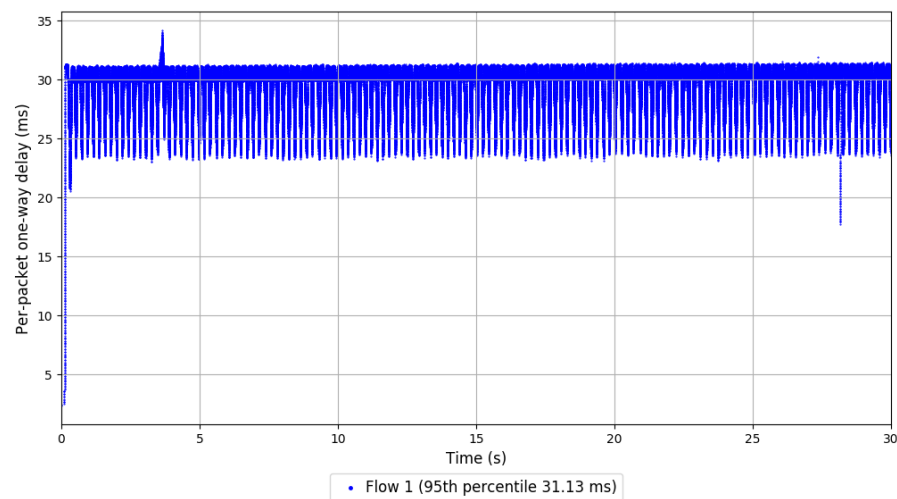
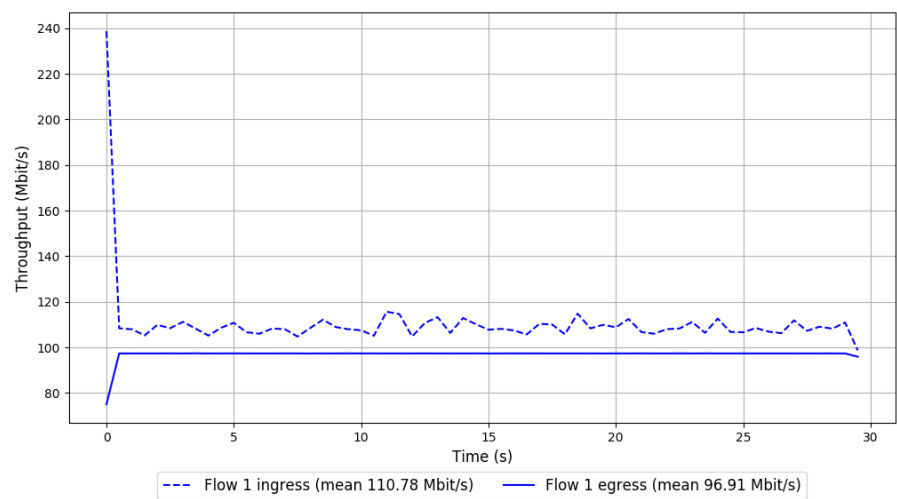


Run 9: Statistics of FillP

Start at: 2018-02-20 03:34:01
End at: 2018-02-20 03:34:31
Local clock offset: -6.652 ms
Remote clock offset: -11.974 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 31.131 ms
Loss rate: 12.45%
-- Flow 1:
Average throughput: 96.91 Mbit/s
95th percentile per-packet one-way delay: 31.131 ms
Loss rate: 12.45%

Run 9: Report of FillP — Data Link

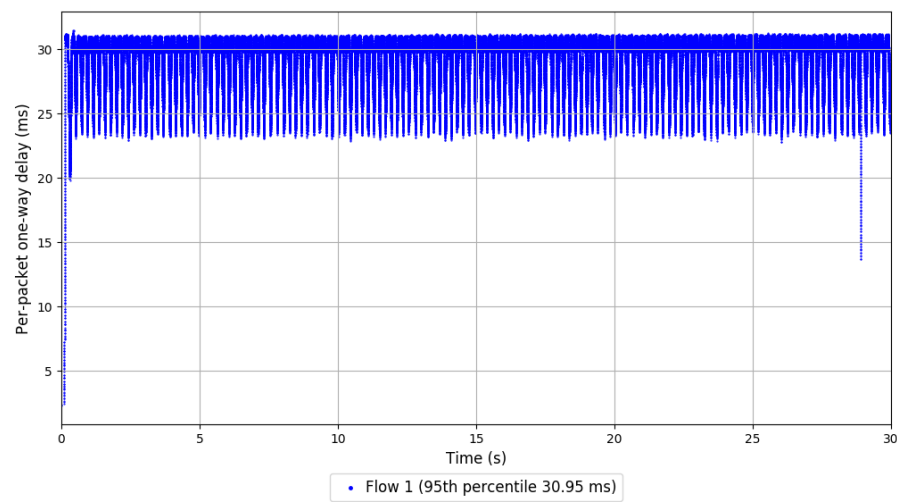
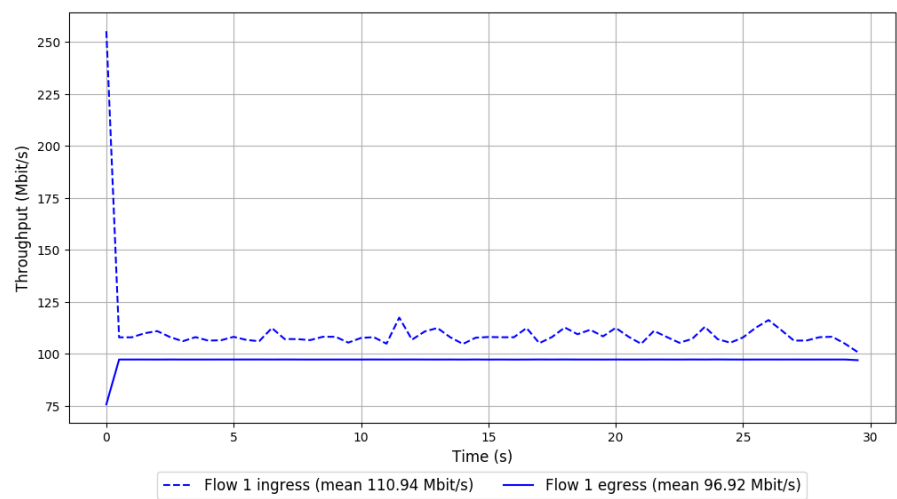


Run 10: Statistics of FillP

Start at: 2018-02-20 03:54:25
End at: 2018-02-20 03:54:55
Local clock offset: -6.777 ms
Remote clock offset: -18.784 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 30.951 ms
Loss rate: 12.55%
-- Flow 1:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 30.951 ms
Loss rate: 12.55%

Run 10: Report of FillP — Data Link

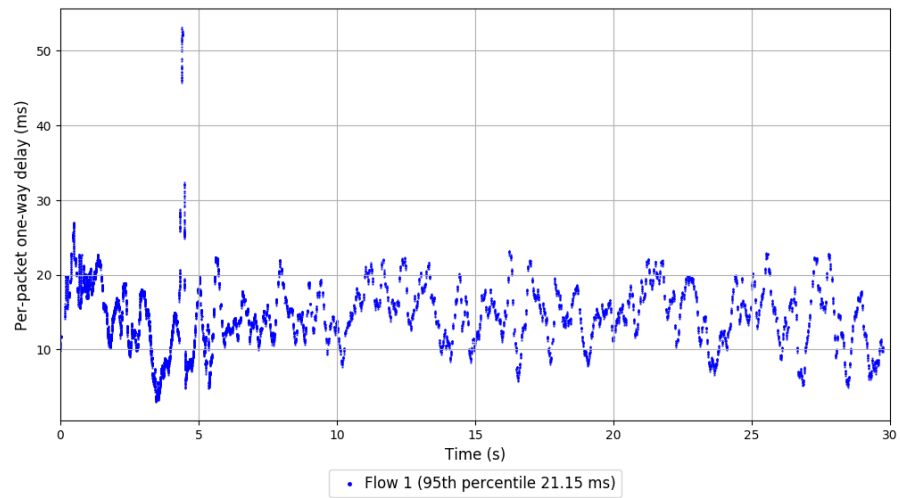
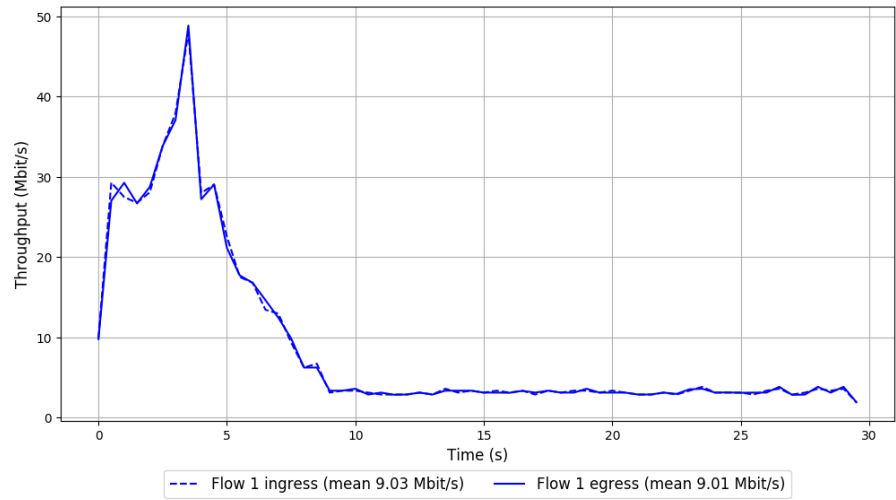


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-02-20 00:47:13
End at: 2018-02-20 00:47:43
Local clock offset: -7.015 ms
Remote clock offset: -20.686 ms

# Below is generated by plot.py at 2018-02-20 04:43:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 9.01 Mbit/s
95th percentile per-packet one-way delay: 21.149 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 9.01 Mbit/s
95th percentile per-packet one-way delay: 21.149 ms
Loss rate: 0.18%
```

Run 1: Report of Indigo-1-32 — Data Link



Run 2: Statistics of Indigo-1-32

Start at: 2018-02-20 01:07:46

End at: 2018-02-20 01:08:16

Local clock offset: -7.717 ms

Remote clock offset: -2.408 ms

Below is generated by plot.py at 2018-02-20 04:43:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.97 Mbit/s

95th percentile per-packet one-way delay: 45.319 ms

Loss rate: 7.86%

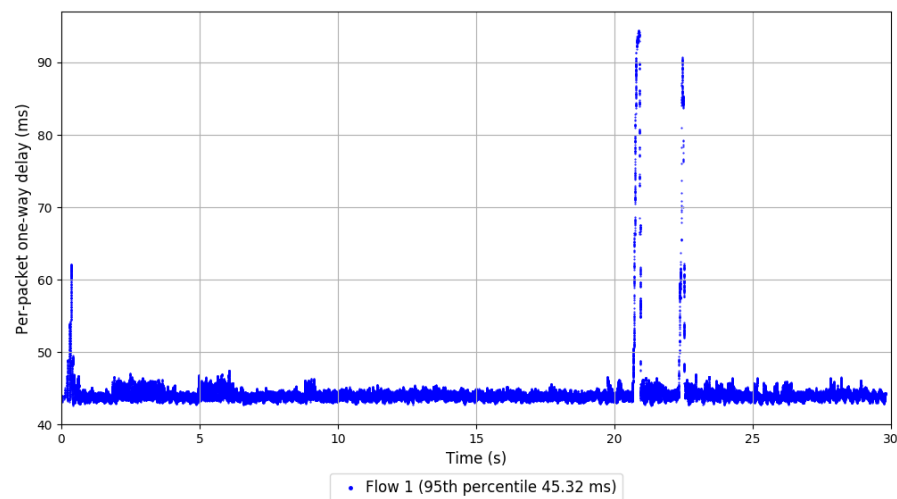
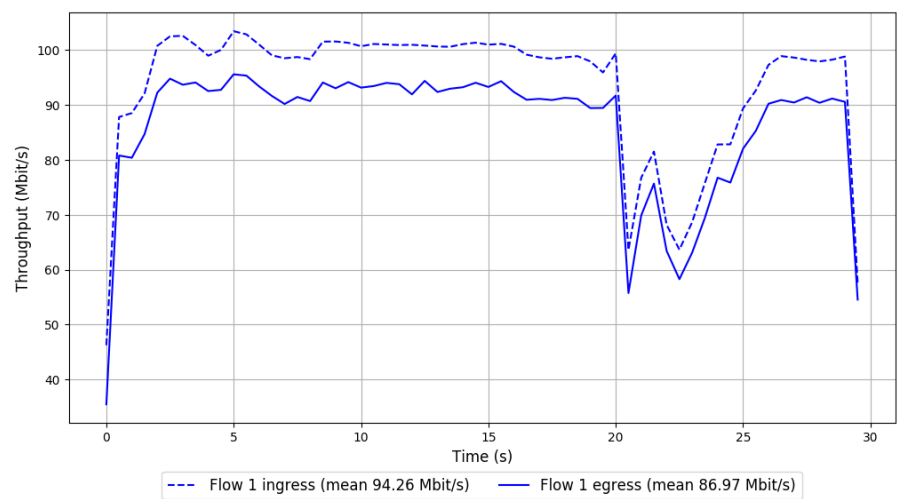
-- Flow 1:

Average throughput: 86.97 Mbit/s

95th percentile per-packet one-way delay: 45.319 ms

Loss rate: 7.86%

Run 2: Report of Indigo-1-32 — Data Link

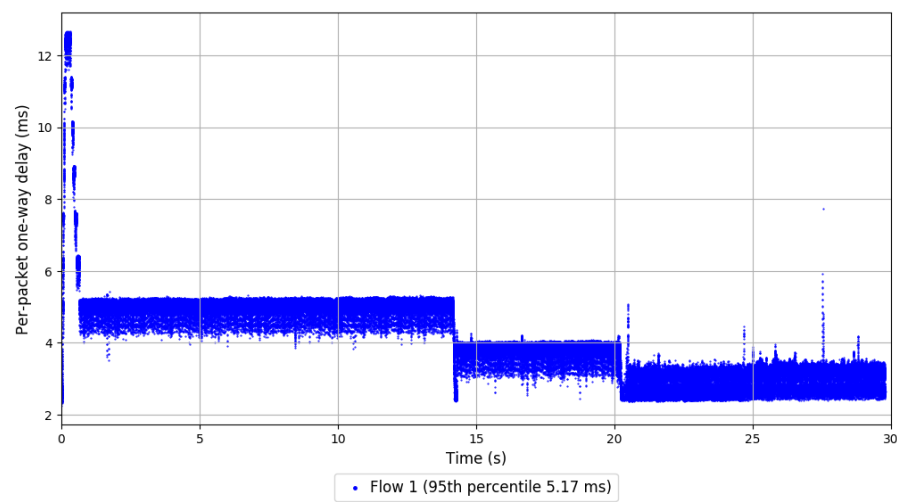
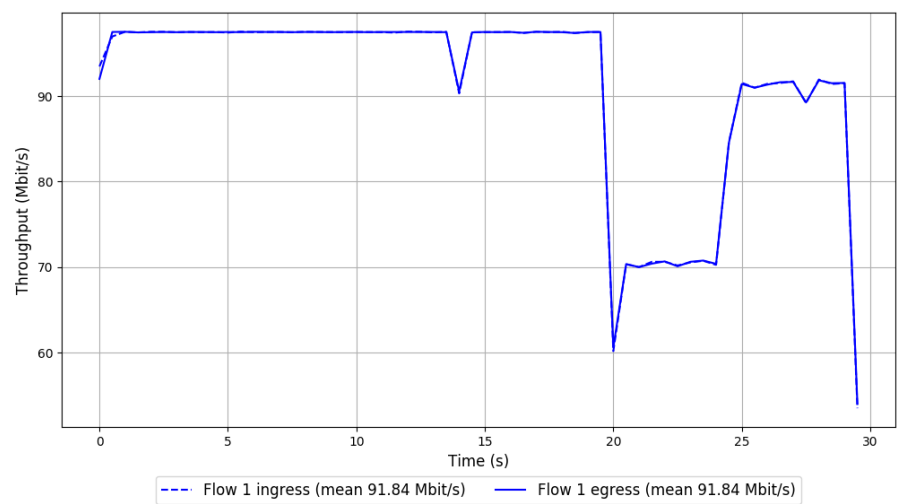


Run 3: Statistics of Indigo-1-32

Start at: 2018-02-20 01:28:09
End at: 2018-02-20 01:28:39
Local clock offset: -5.192 ms
Remote clock offset: -5.628 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.84 Mbit/s
95th percentile per-packet one-way delay: 5.173 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.84 Mbit/s
95th percentile per-packet one-way delay: 5.173 ms
Loss rate: 0.00%

Run 3: Report of Indigo-1-32 — Data Link

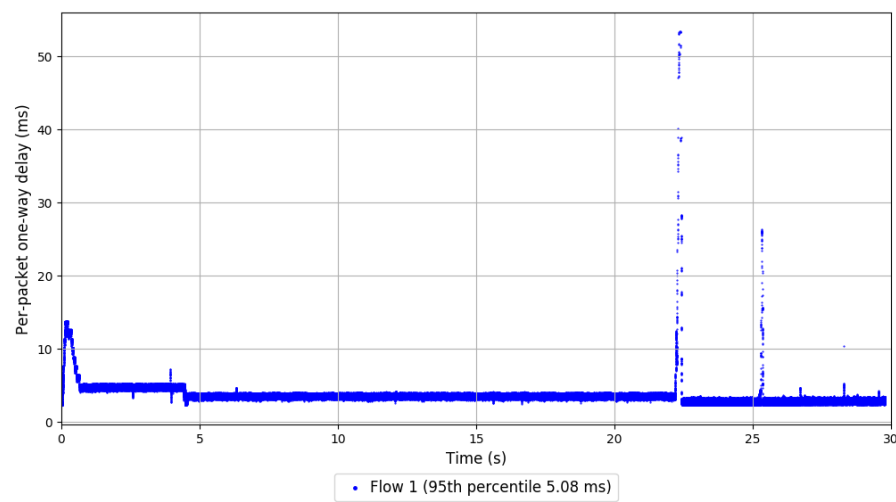
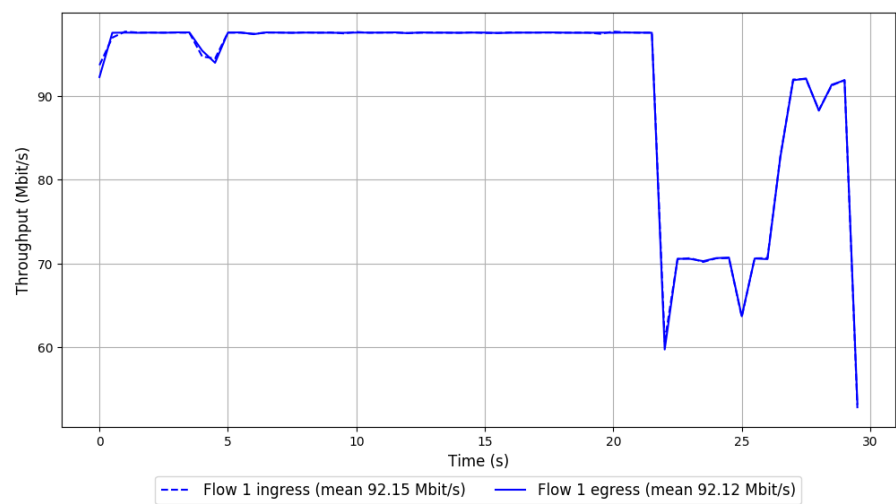


Run 4: Statistics of Indigo-1-32

Start at: 2018-02-20 01:48:11
End at: 2018-02-20 01:48:41
Local clock offset: -3.413 ms
Remote clock offset: -5.699 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.12 Mbit/s
95th percentile per-packet one-way delay: 5.077 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 92.12 Mbit/s
95th percentile per-packet one-way delay: 5.077 ms
Loss rate: 0.02%

Run 4: Report of Indigo-1-32 — Data Link



Run 5: Statistics of Indigo-1-32

Start at: 2018-02-20 02:08:14

End at: 2018-02-20 02:08:44

Local clock offset: -6.336 ms

Remote clock offset: -5.869 ms

Below is generated by plot.py at 2018-02-20 04:43:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.39 Mbit/s

95th percentile per-packet one-way delay: 5.212 ms

Loss rate: 0.00%

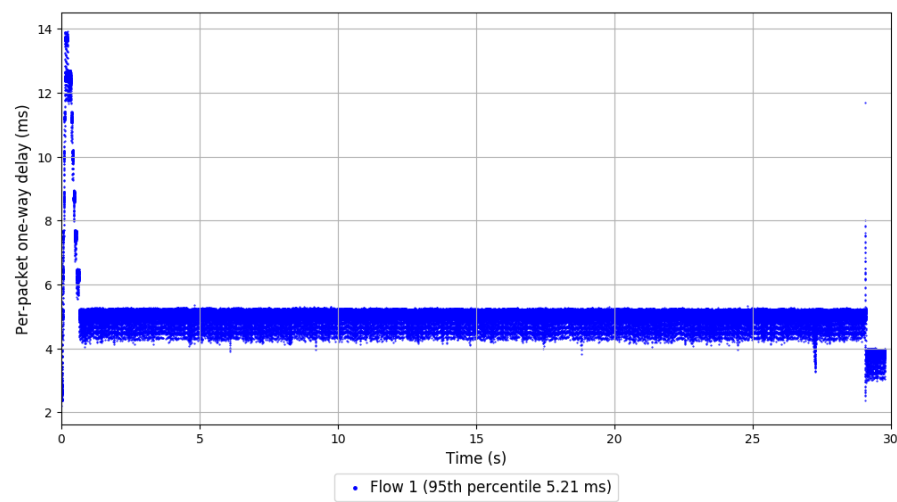
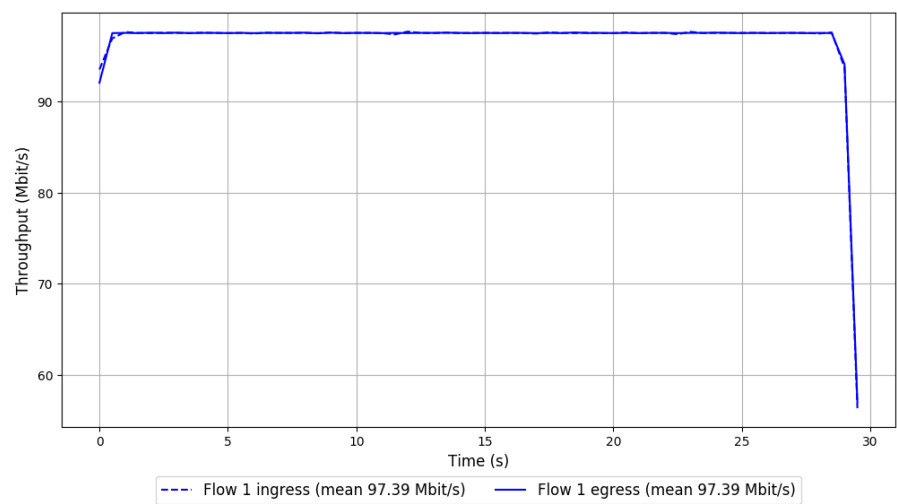
-- Flow 1:

Average throughput: 97.39 Mbit/s

95th percentile per-packet one-way delay: 5.212 ms

Loss rate: 0.00%

Run 5: Report of Indigo-1-32 — Data Link



Run 6: Statistics of Indigo-1-32

Start at: 2018-02-20 02:28:30

End at: 2018-02-20 02:29:00

Local clock offset: -6.71 ms

Remote clock offset: -0.578 ms

Below is generated by plot.py at 2018-02-20 04:43:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.45 Mbit/s

95th percentile per-packet one-way delay: 5.158 ms

Loss rate: 0.00%

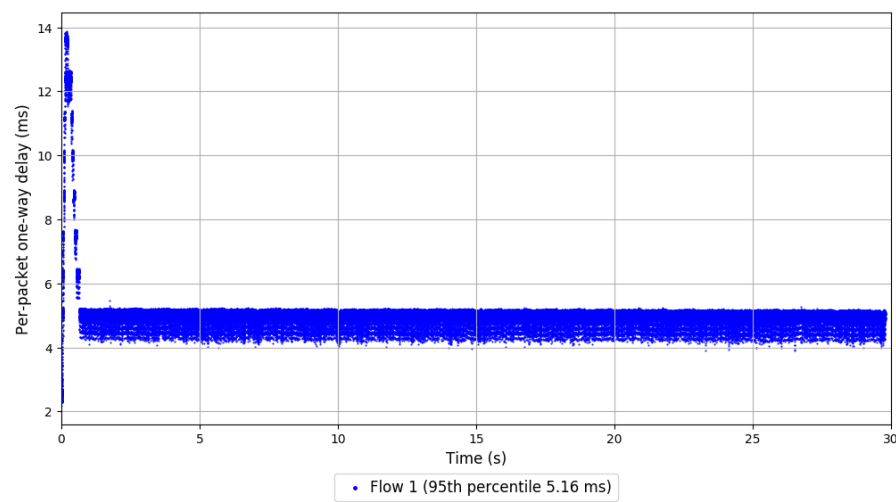
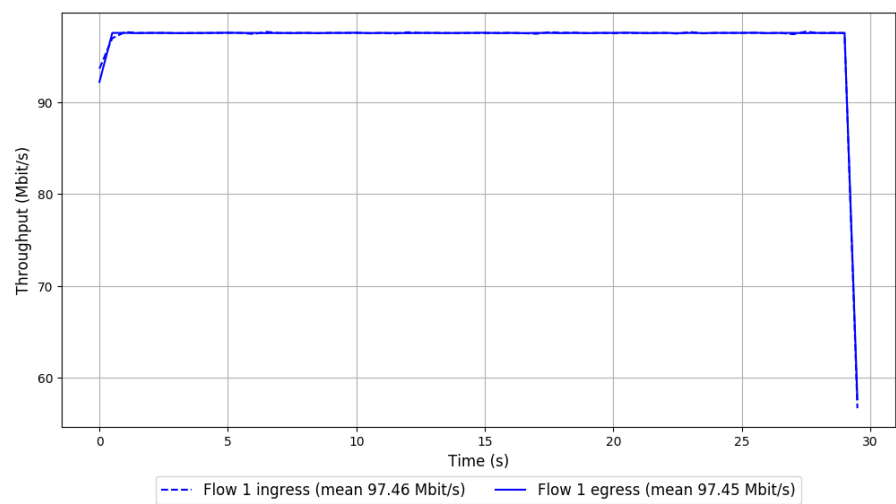
-- Flow 1:

Average throughput: 97.45 Mbit/s

95th percentile per-packet one-way delay: 5.158 ms

Loss rate: 0.00%

Run 6: Report of Indigo-1-32 — Data Link



Run 7: Statistics of Indigo-1-32

Start at: 2018-02-20 02:48:42

End at: 2018-02-20 02:49:12

Local clock offset: -6.475 ms

Remote clock offset: 1.029 ms

Below is generated by plot.py at 2018-02-20 04:43:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.87 Mbit/s

95th percentile per-packet one-way delay: 5.031 ms

Loss rate: 0.00%

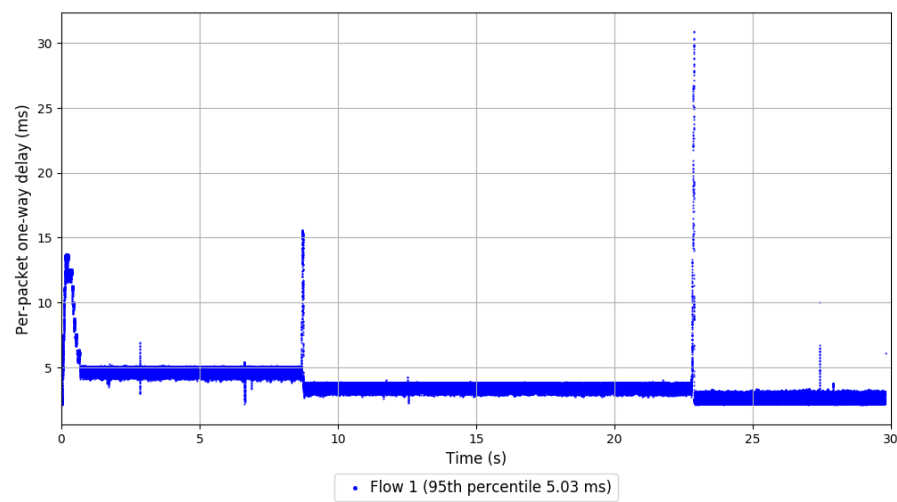
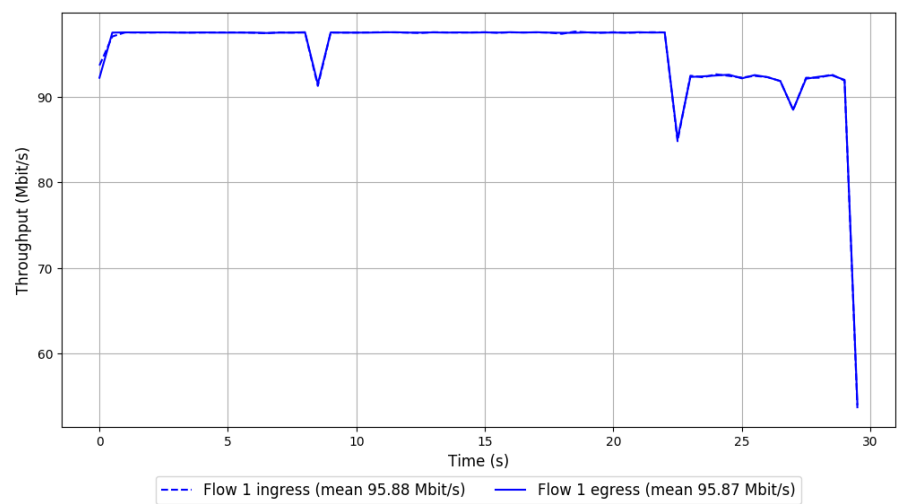
-- Flow 1:

Average throughput: 95.87 Mbit/s

95th percentile per-packet one-way delay: 5.031 ms

Loss rate: 0.00%

Run 7: Report of Indigo-1-32 — Data Link



Run 8: Statistics of Indigo-1-32

Start at: 2018-02-20 03:09:04

End at: 2018-02-20 03:09:34

Local clock offset: -6.55 ms

Remote clock offset: 2.26 ms

Below is generated by plot.py at 2018-02-20 04:43:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.41 Mbit/s

95th percentile per-packet one-way delay: 5.137 ms

Loss rate: 0.00%

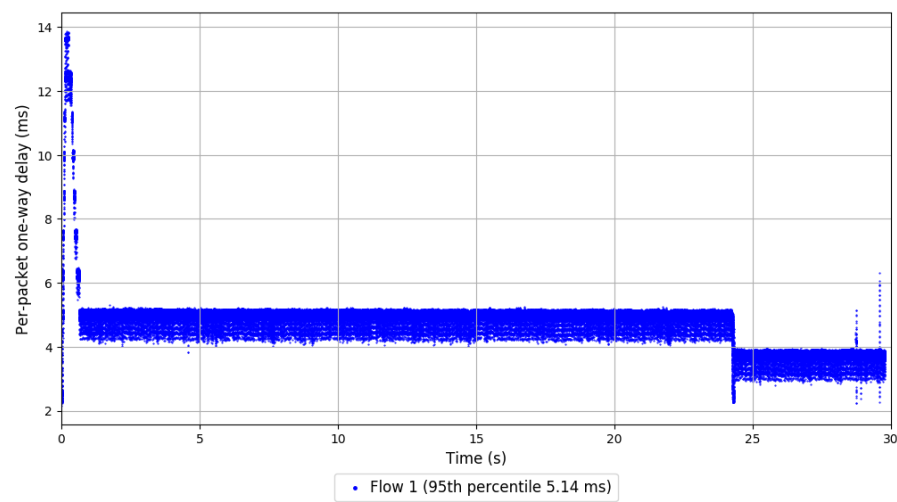
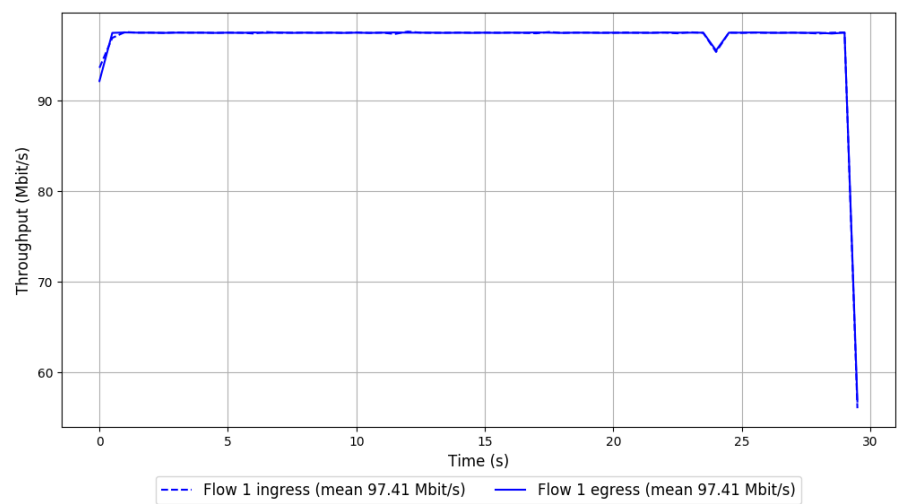
-- Flow 1:

Average throughput: 97.41 Mbit/s

95th percentile per-packet one-way delay: 5.137 ms

Loss rate: 0.00%

Run 8: Report of Indigo-1-32 — Data Link



Run 9: Statistics of Indigo-1-32

Start at: 2018-02-20 03:29:28

End at: 2018-02-20 03:29:58

Local clock offset: -6.698 ms

Remote clock offset: -9.1 ms

Below is generated by plot.py at 2018-02-20 04:43:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.32 Mbit/s

95th percentile per-packet one-way delay: 5.395 ms

Loss rate: 0.00%

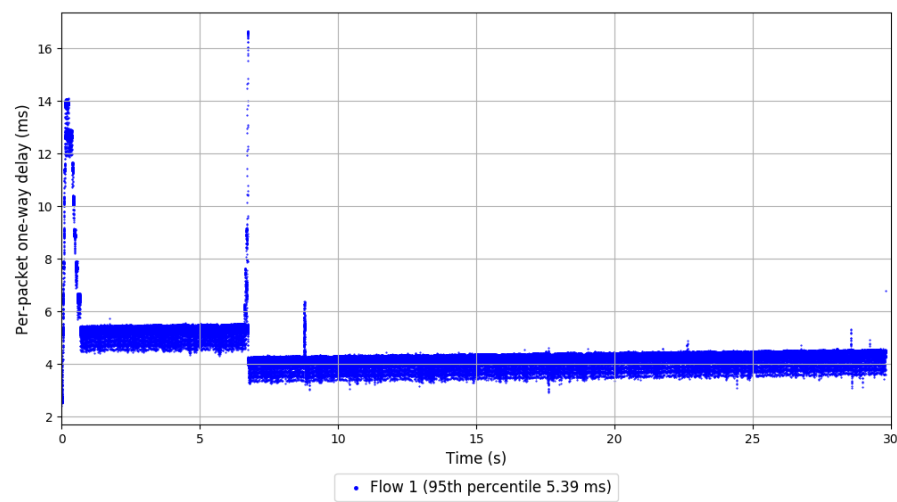
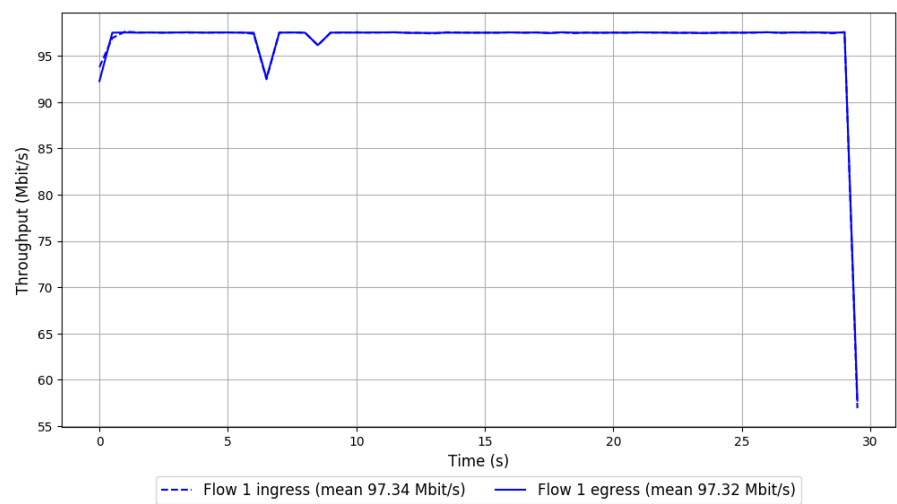
-- Flow 1:

Average throughput: 97.32 Mbit/s

95th percentile per-packet one-way delay: 5.395 ms

Loss rate: 0.00%

Run 9: Report of Indigo-1-32 — Data Link

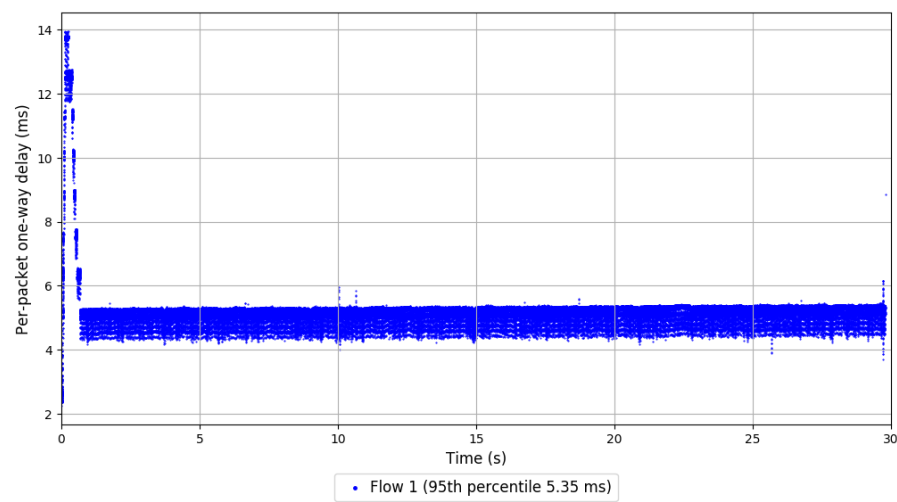
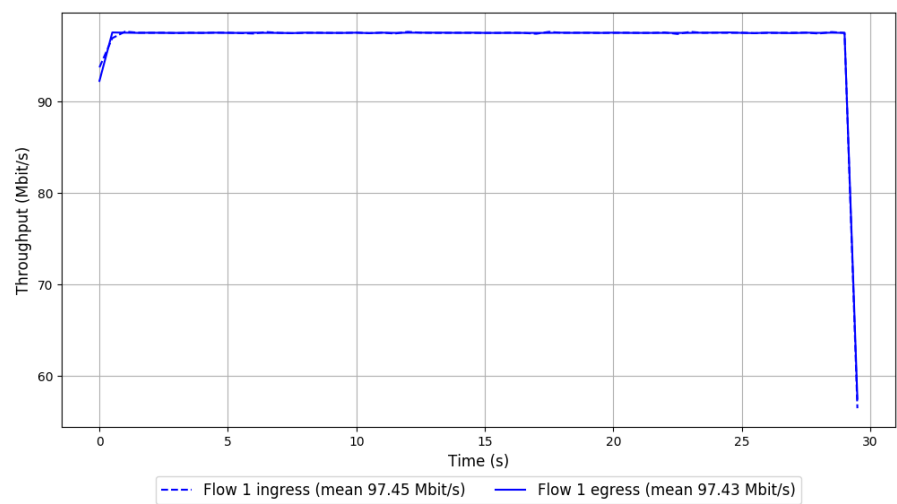


Run 10: Statistics of Indigo-1-32

Start at: 2018-02-20 03:49:51
End at: 2018-02-20 03:50:21
Local clock offset: -6.689 ms
Remote clock offset: -17.521 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 5.347 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.43 Mbit/s
95th percentile per-packet one-way delay: 5.347 ms
Loss rate: 0.00%

Run 10: Report of Indigo-1-32 — Data Link

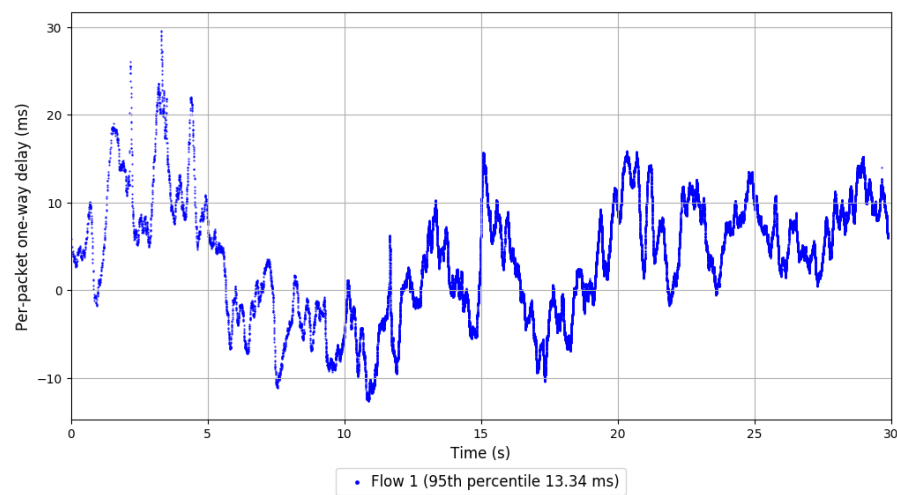
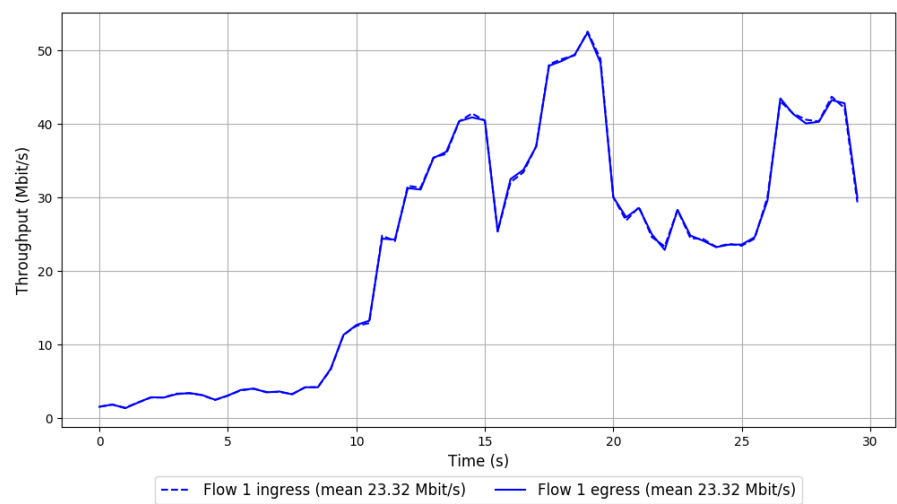


Run 1: Statistics of Vivace-latency

Start at: 2018-02-20 00:32:10
End at: 2018-02-20 00:32:40
Local clock offset: -6.594 ms
Remote clock offset: -17.651 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.32 Mbit/s
95th percentile per-packet one-way delay: 13.342 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 23.32 Mbit/s
95th percentile per-packet one-way delay: 13.342 ms
Loss rate: 0.00%

Run 1: Report of Vivace-latency — Data Link

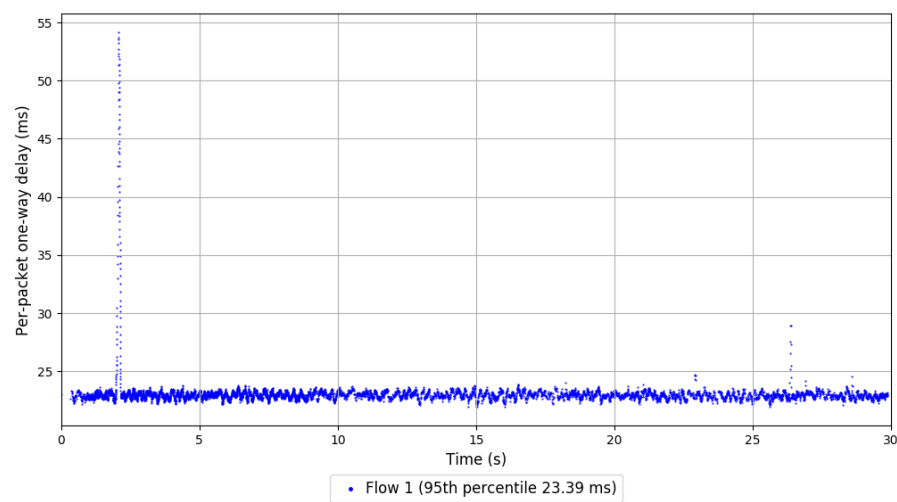
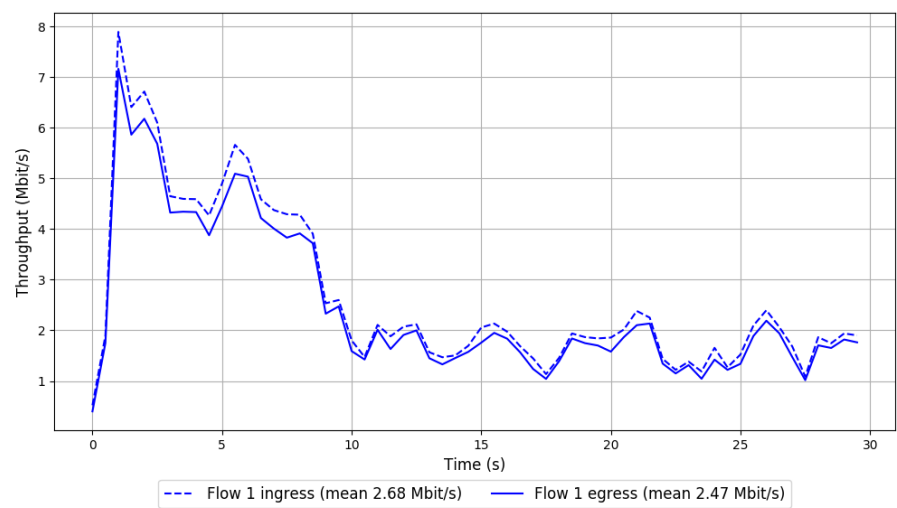


Run 2: Statistics of Vivace-latency

Start at: 2018-02-20 00:52:55
End at: 2018-02-20 00:53:25
Local clock offset: -7.319 ms
Remote clock offset: -20.98 ms

Below is generated by plot.py at 2018-02-20 04:43:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 23.394 ms
Loss rate: 8.08%
-- Flow 1:
Average throughput: 2.47 Mbit/s
95th percentile per-packet one-way delay: 23.394 ms
Loss rate: 8.08%

Run 2: Report of Vivace-latency — Data Link

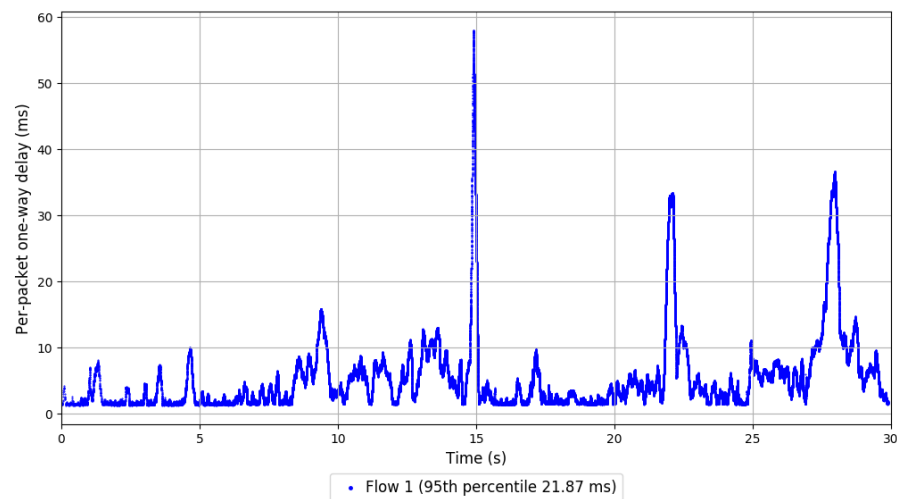
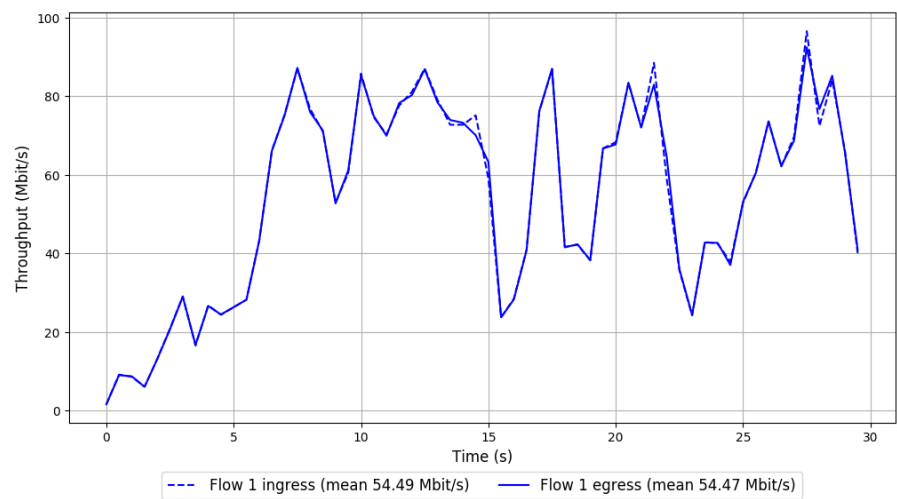


Run 3: Statistics of Vivace-latency

Start at: 2018-02-20 01:13:28
End at: 2018-02-20 01:13:58
Local clock offset: -7.914 ms
Remote clock offset: -4.817 ms

Below is generated by plot.py at 2018-02-20 04:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 54.47 Mbit/s
95th percentile per-packet one-way delay: 21.871 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 54.47 Mbit/s
95th percentile per-packet one-way delay: 21.871 ms
Loss rate: 0.03%

Run 3: Report of Vivace-latency — Data Link

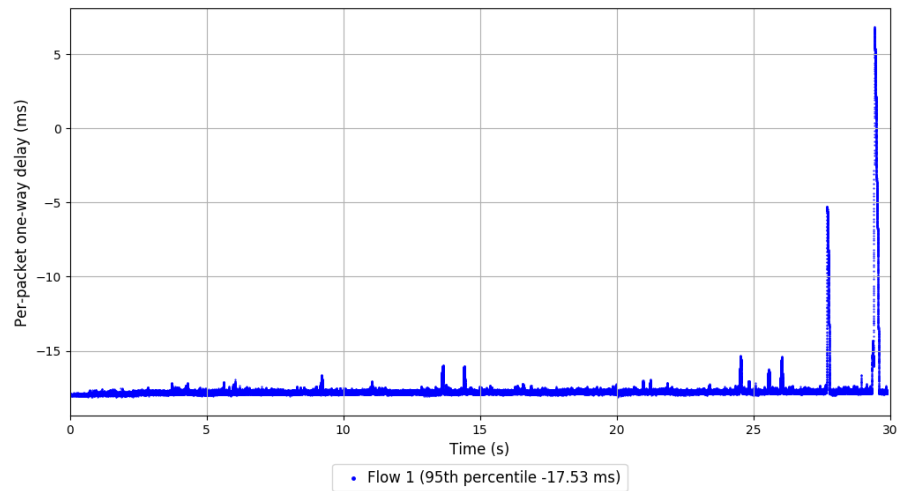
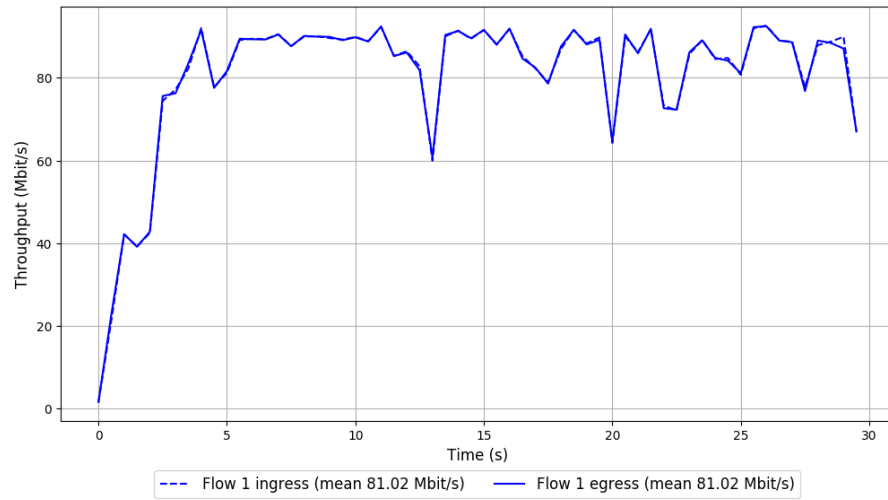


Run 4: Statistics of Vivace-latency

Start at: 2018-02-20 01:33:46
End at: 2018-02-20 01:34:16
Local clock offset: -4.446 ms
Remote clock offset: -26.205 ms

Below is generated by plot.py at 2018-02-20 04:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.02 Mbit/s
95th percentile per-packet one-way delay: -17.529 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 81.02 Mbit/s
95th percentile per-packet one-way delay: -17.529 ms
Loss rate: 0.00%

Run 4: Report of Vivace-latency — Data Link

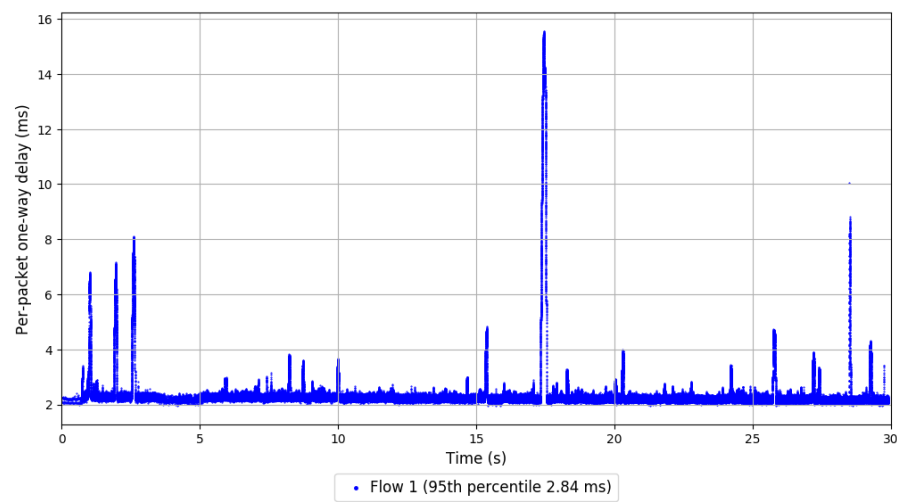
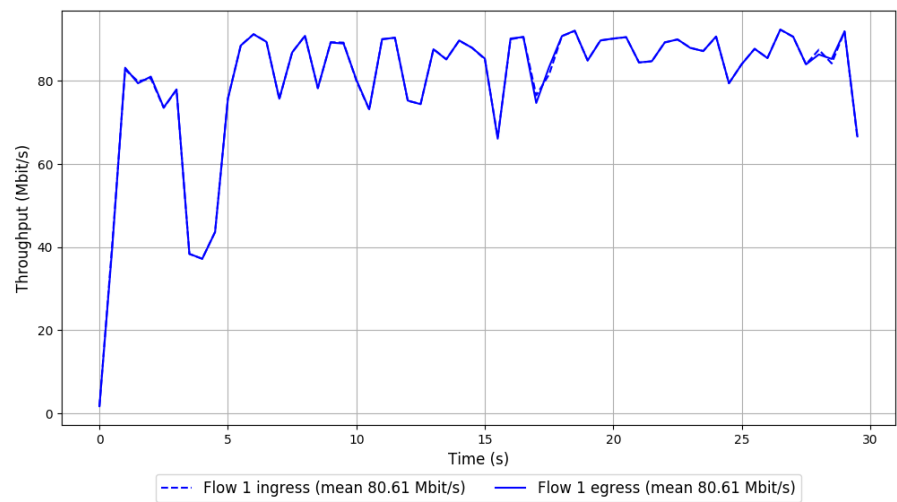


Run 5: Statistics of Vivace-latency

Start at: 2018-02-20 01:53:49
End at: 2018-02-20 01:54:19
Local clock offset: -3.989 ms
Remote clock offset: -5.694 ms

Below is generated by plot.py at 2018-02-20 04:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.61 Mbit/s
95th percentile per-packet one-way delay: 2.841 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.61 Mbit/s
95th percentile per-packet one-way delay: 2.841 ms
Loss rate: 0.00%

Run 5: Report of Vivace-latency — Data Link

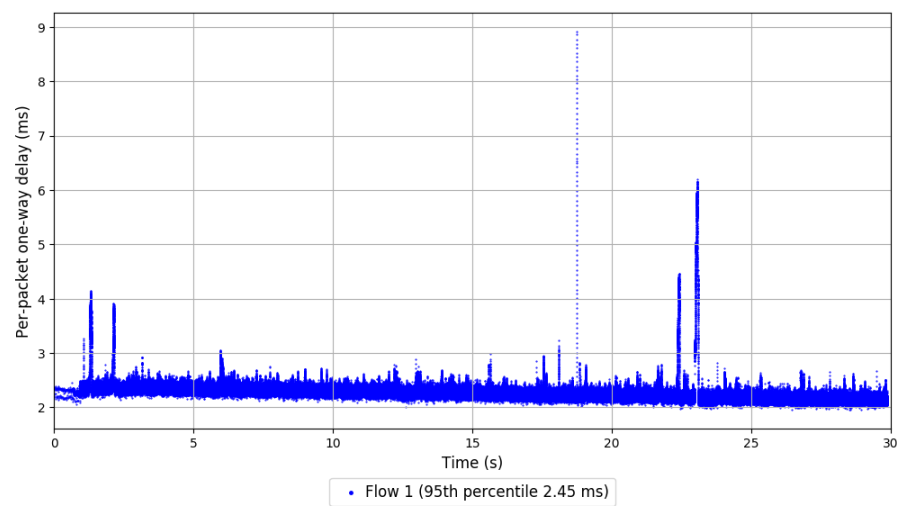
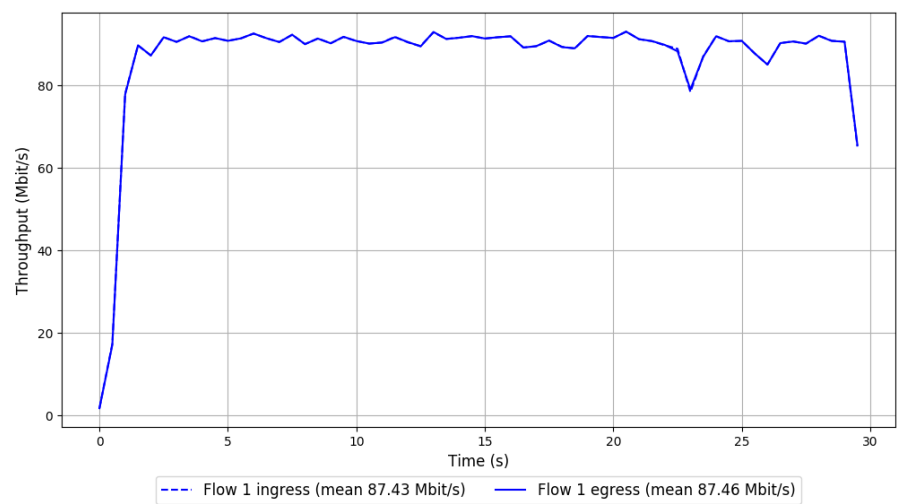


Run 6: Statistics of Vivace-latency

Start at: 2018-02-20 02:13:56
End at: 2018-02-20 02:14:26
Local clock offset: -6.555 ms
Remote clock offset: -4.453 ms

Below is generated by plot.py at 2018-02-20 04:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.46 Mbit/s
95th percentile per-packet one-way delay: 2.453 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.46 Mbit/s
95th percentile per-packet one-way delay: 2.453 ms
Loss rate: 0.00%

Run 6: Report of Vivace-latency — Data Link



Run 7: Statistics of Vivace-latency

Start at: 2018-02-20 02:34:09

End at: 2018-02-20 02:34:39

Local clock offset: -6.569 ms

Remote clock offset: 0.021 ms

Below is generated by plot.py at 2018-02-20 04:43:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.86 Mbit/s

95th percentile per-packet one-way delay: 43.945 ms

Loss rate: 2.53%

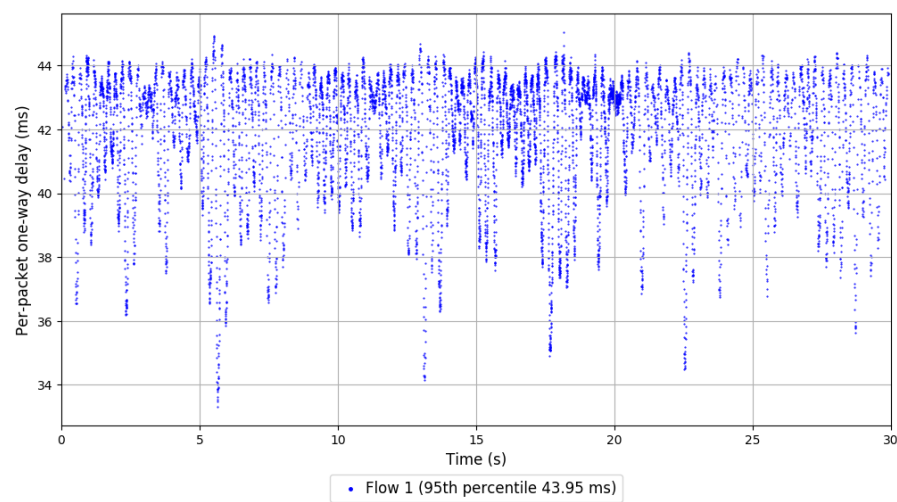
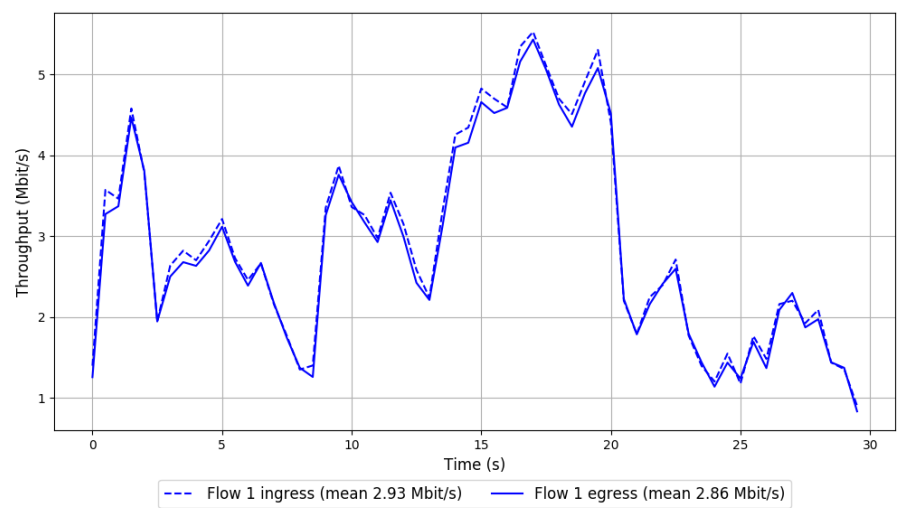
-- Flow 1:

Average throughput: 2.86 Mbit/s

95th percentile per-packet one-way delay: 43.945 ms

Loss rate: 2.53%

Run 7: Report of Vivace-latency — Data Link



Run 8: Statistics of Vivace-latency

Start at: 2018-02-20 02:54:25

End at: 2018-02-20 02:54:55

Local clock offset: -6.465 ms

Remote clock offset: 1.375 ms

Below is generated by plot.py at 2018-02-20 04:43:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.88 Mbit/s

95th percentile per-packet one-way delay: 2.513 ms

Loss rate: 0.15%

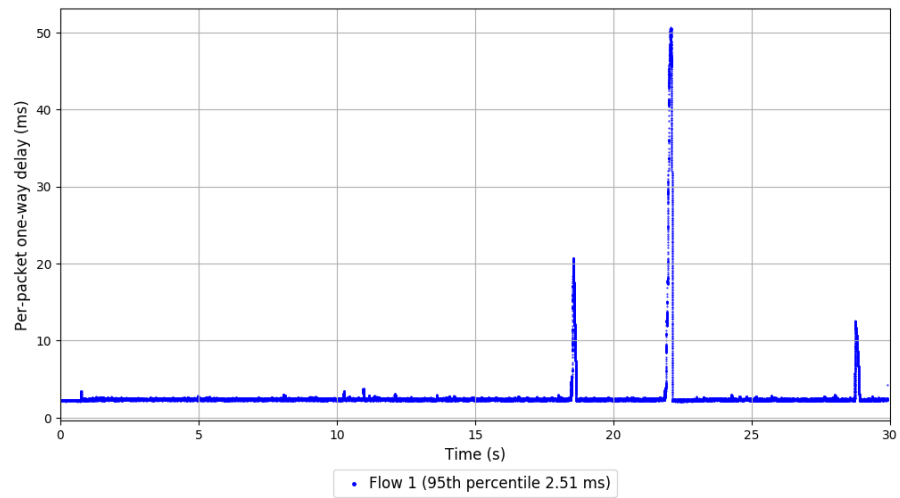
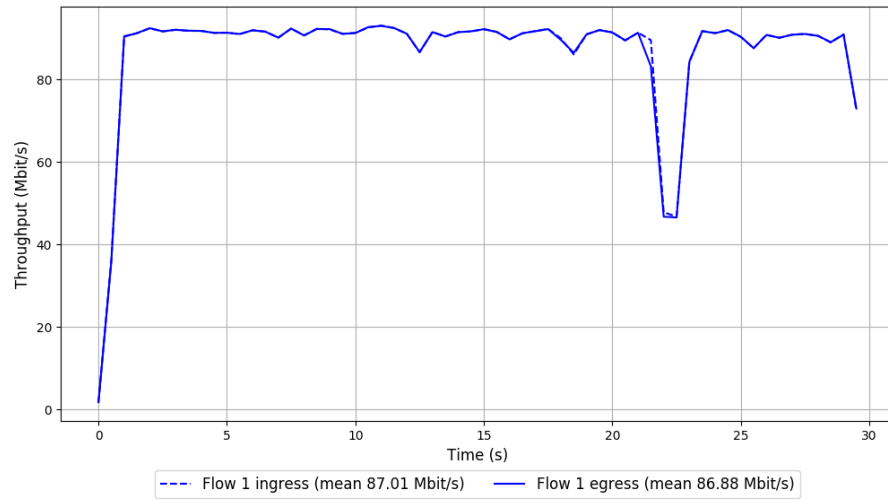
-- Flow 1:

Average throughput: 86.88 Mbit/s

95th percentile per-packet one-way delay: 2.513 ms

Loss rate: 0.15%

Run 8: Report of Vivace-latency — Data Link



Run 9: Statistics of Vivace-latency

Start at: 2018-02-20 03:14:46

End at: 2018-02-20 03:15:16

Local clock offset: -6.605 ms

Remote clock offset: 2.568 ms

Below is generated by plot.py at 2018-02-20 04:43:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.60 Mbit/s

95th percentile per-packet one-way delay: 2.551 ms

Loss rate: 0.28%

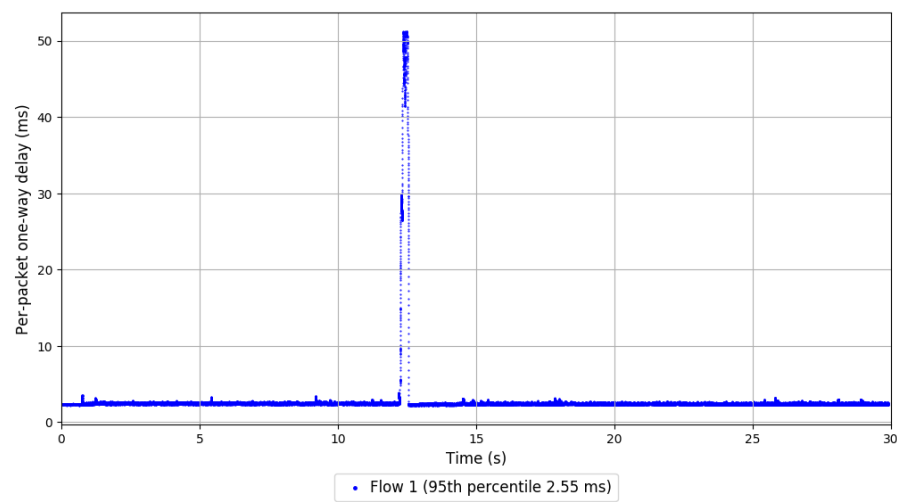
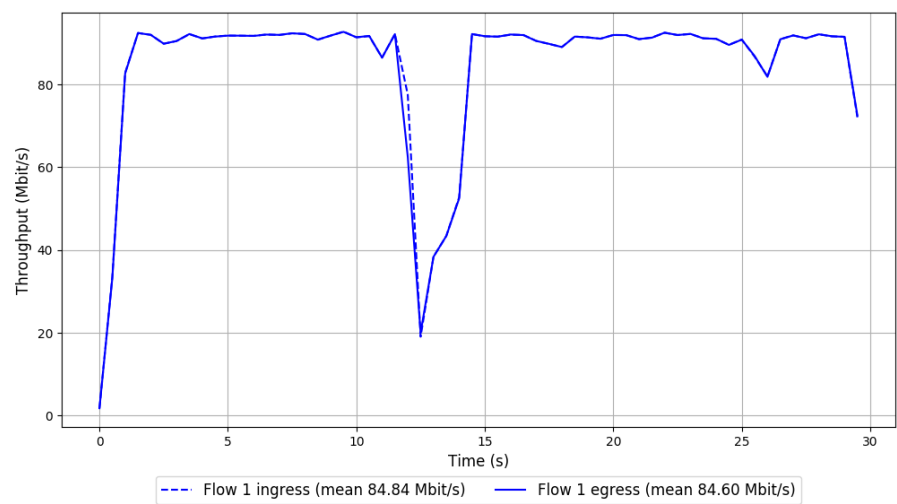
-- Flow 1:

Average throughput: 84.60 Mbit/s

95th percentile per-packet one-way delay: 2.551 ms

Loss rate: 0.28%

Run 9: Report of Vivace-latency — Data Link

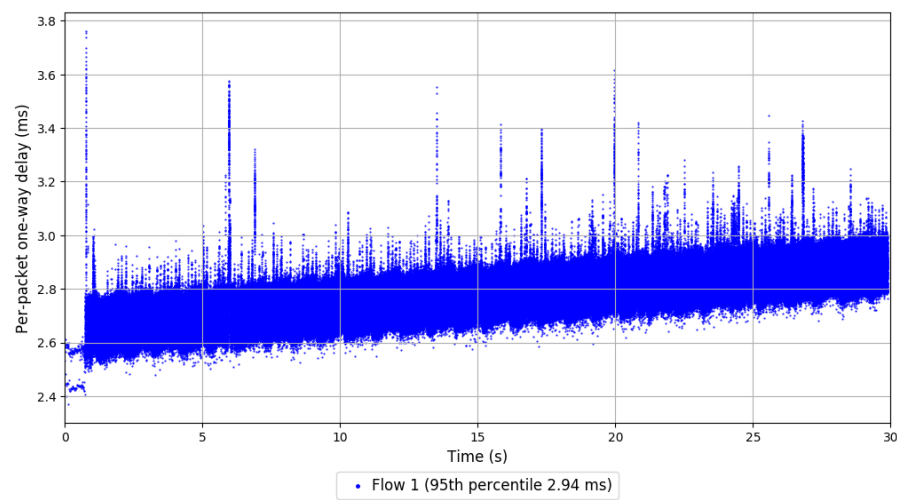
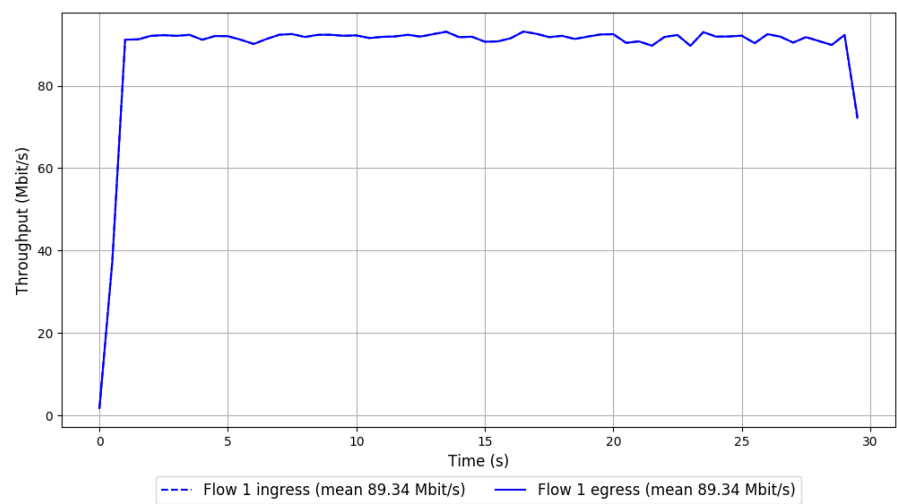


Run 10: Statistics of Vivace-latency

Start at: 2018-02-20 03:35:09
End at: 2018-02-20 03:35:39
Local clock offset: -6.725 ms
Remote clock offset: -12.519 ms

Below is generated by plot.py at 2018-02-20 04:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.34 Mbit/s
95th percentile per-packet one-way delay: 2.942 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.34 Mbit/s
95th percentile per-packet one-way delay: 2.942 ms
Loss rate: 0.00%

Run 10: Report of Vivace-latency — Data Link



Run 1: Statistics of Vivace-loss

Start at: 2018-02-20 00:38:48

End at: 2018-02-20 00:39:18

Local clock offset: -6.717 ms

Remote clock offset: -0.311 ms

Below is generated by plot.py at 2018-02-20 04:43:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.52 Mbit/s

95th percentile per-packet one-way delay: 46.582 ms

Loss rate: 3.15%

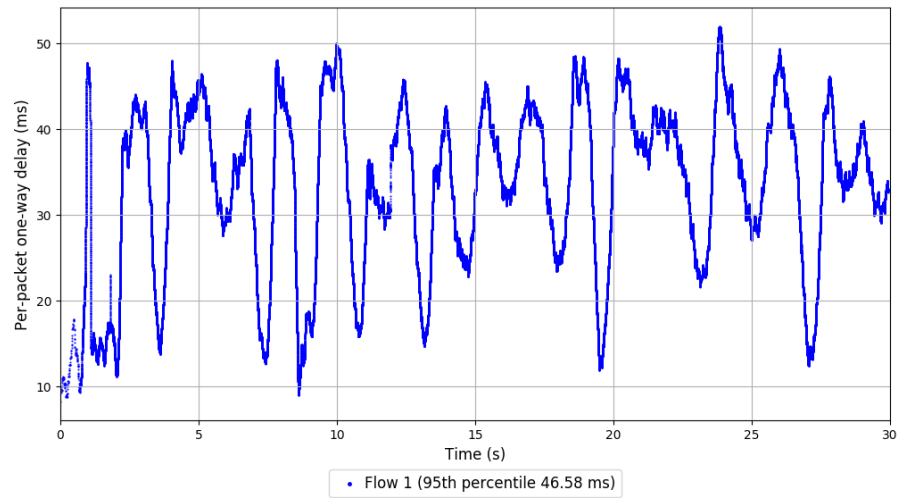
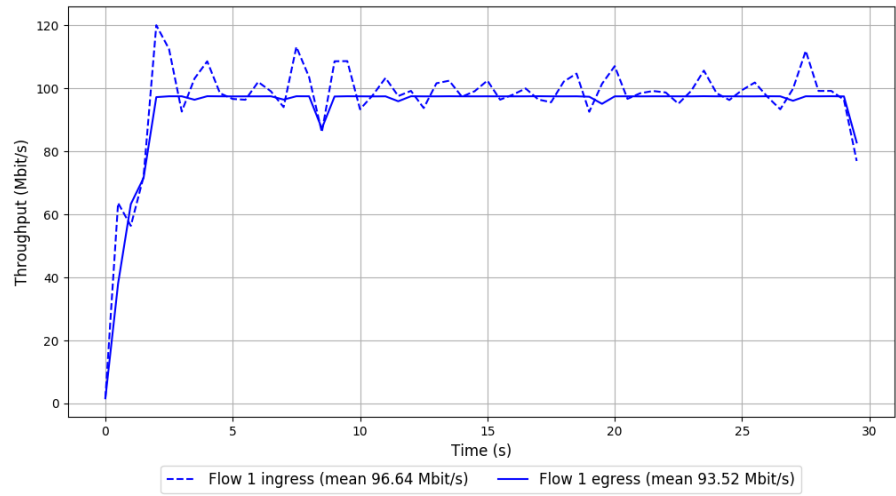
-- Flow 1:

Average throughput: 93.52 Mbit/s

95th percentile per-packet one-way delay: 46.582 ms

Loss rate: 3.15%

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-02-20 00:59:36

End at: 2018-02-20 01:00:06

Local clock offset: -7.486 ms

Remote clock offset: -0.431 ms

Below is generated by plot.py at 2018-02-20 04:43:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.44 Mbit/s

95th percentile per-packet one-way delay: 43.409 ms

Loss rate: 10.11%

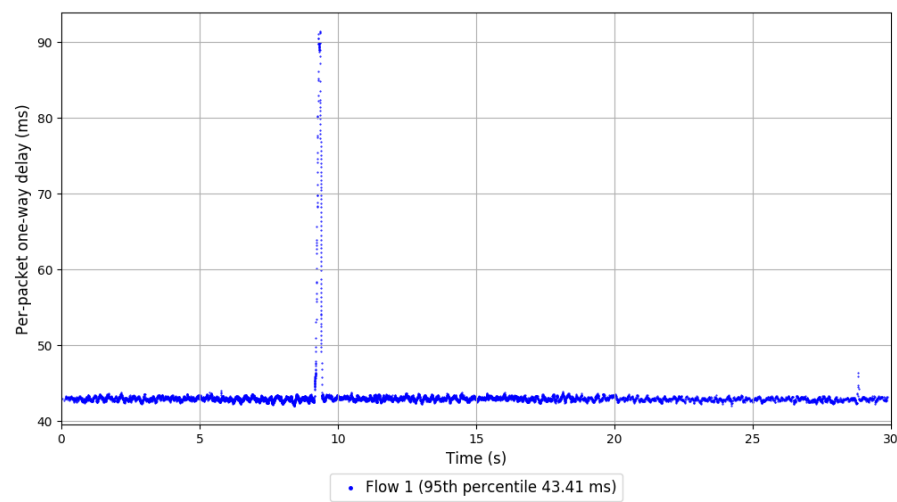
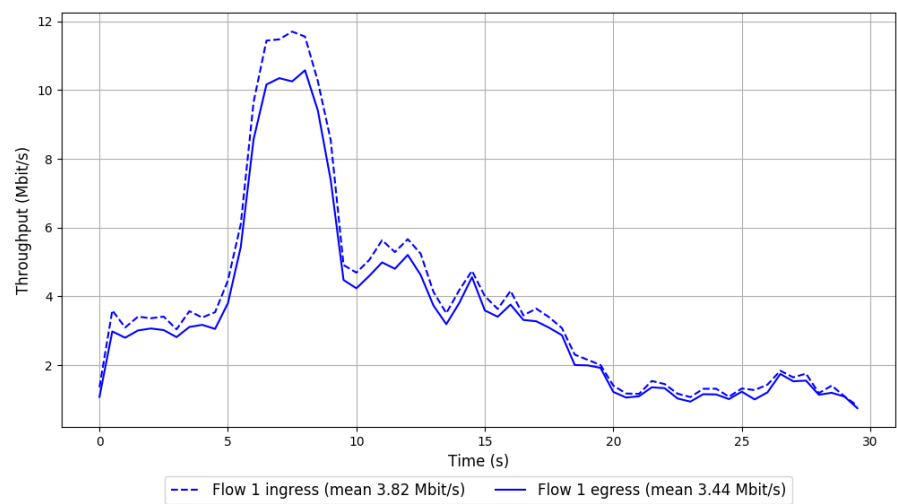
-- Flow 1:

Average throughput: 3.44 Mbit/s

95th percentile per-packet one-way delay: 43.409 ms

Loss rate: 10.11%

Run 2: Report of Vivace-loss — Data Link

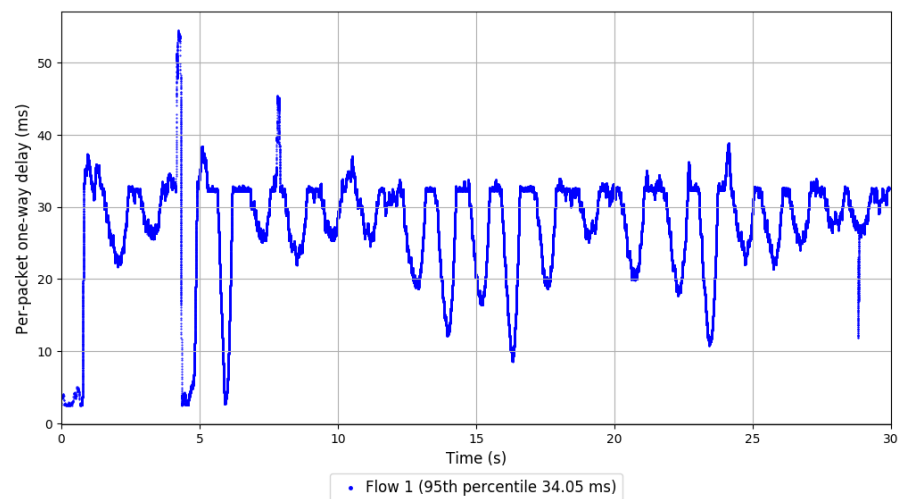
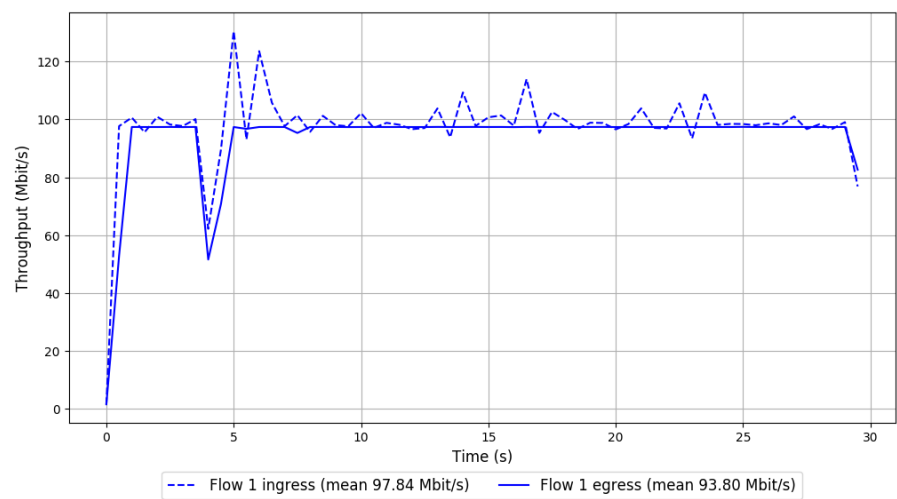


Run 3: Statistics of Vivace-loss

Start at: 2018-02-20 01:20:11
End at: 2018-02-20 01:20:41
Local clock offset: -7.047 ms
Remote clock offset: -4.893 ms

Below is generated by plot.py at 2018-02-20 04:43:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.80 Mbit/s
95th percentile per-packet one-way delay: 34.052 ms
Loss rate: 4.03%
-- Flow 1:
Average throughput: 93.80 Mbit/s
95th percentile per-packet one-way delay: 34.052 ms
Loss rate: 4.03%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-02-20 01:40:26

End at: 2018-02-20 01:40:56

Local clock offset: -3.905 ms

Remote clock offset: -5.941 ms

Below is generated by plot.py at 2018-02-20 04:43:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 4.39 Mbit/s

95th percentile per-packet one-way delay: 43.217 ms

Loss rate: 7.21%

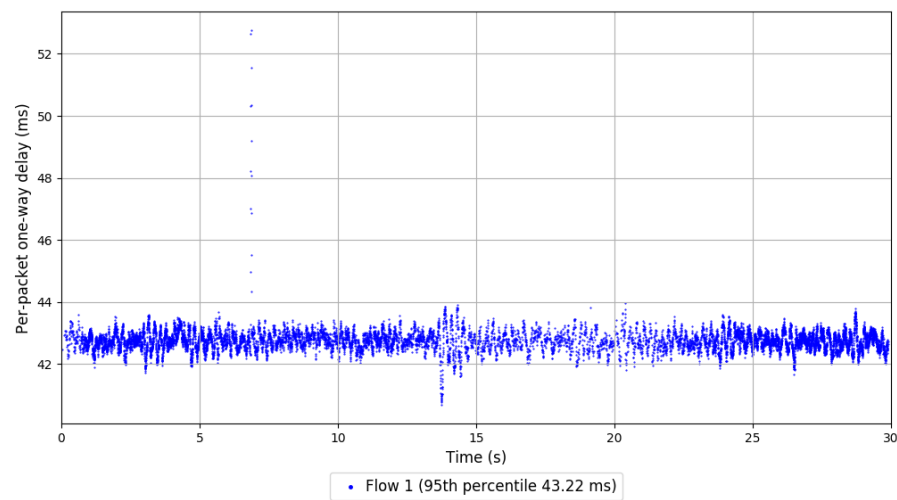
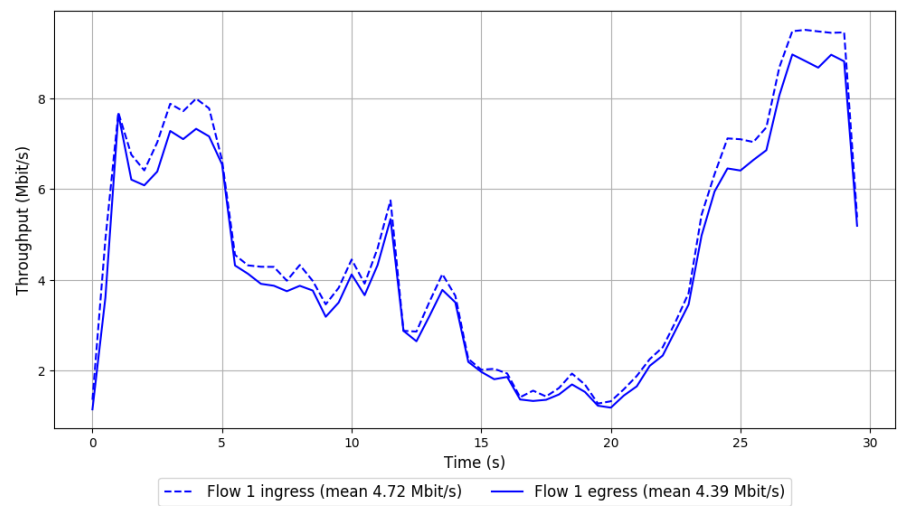
-- Flow 1:

Average throughput: 4.39 Mbit/s

95th percentile per-packet one-way delay: 43.217 ms

Loss rate: 7.21%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-02-20 02:00:27

End at: 2018-02-20 02:00:57

Local clock offset: -5.5 ms

Remote clock offset: -5.775 ms

Below is generated by plot.py at 2018-02-20 04:43:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 6.28 Mbit/s

95th percentile per-packet one-way delay: 43.120 ms

Loss rate: 6.61%

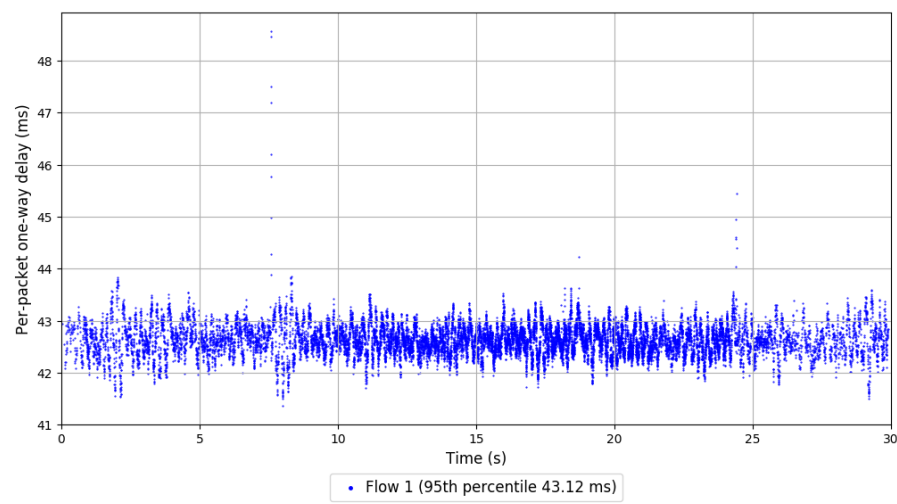
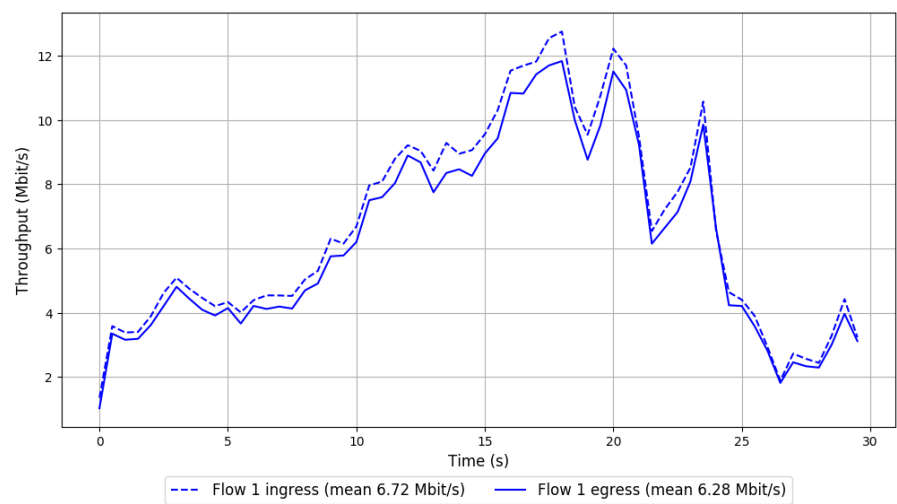
-- Flow 1:

Average throughput: 6.28 Mbit/s

95th percentile per-packet one-way delay: 43.120 ms

Loss rate: 6.61%

Run 5: Report of Vivace-loss — Data Link

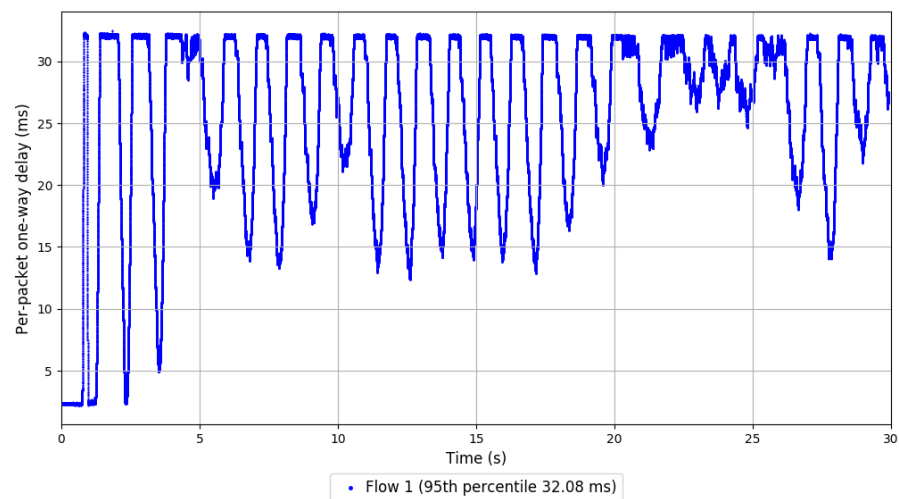
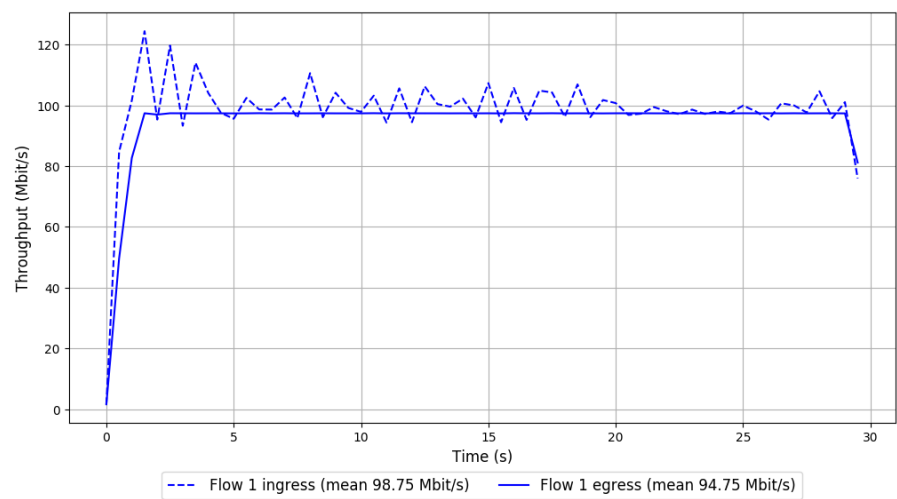


Run 6: Statistics of Vivace-loss

Start at: 2018-02-20 02:20:40
End at: 2018-02-20 02:21:10
Local clock offset: -6.809 ms
Remote clock offset: -2.089 ms

Below is generated by plot.py at 2018-02-20 04:44:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.75 Mbit/s
95th percentile per-packet one-way delay: 32.076 ms
Loss rate: 3.97%
-- Flow 1:
Average throughput: 94.75 Mbit/s
95th percentile per-packet one-way delay: 32.076 ms
Loss rate: 3.97%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

Start at: 2018-02-20 02:40:48

End at: 2018-02-20 02:41:18

Local clock offset: -6.5 ms

Remote clock offset: 0.505 ms

Below is generated by plot.py at 2018-02-20 04:44:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.95 Mbit/s

95th percentile per-packet one-way delay: 32.023 ms

Loss rate: 5.27%

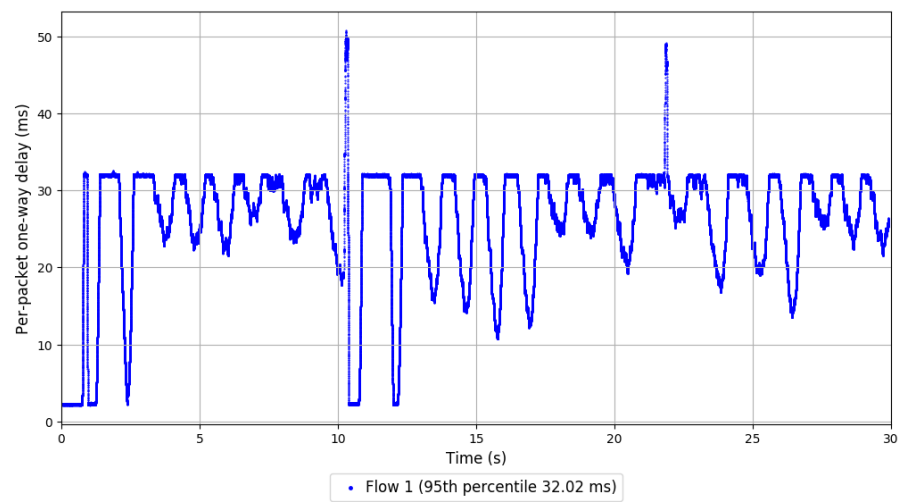
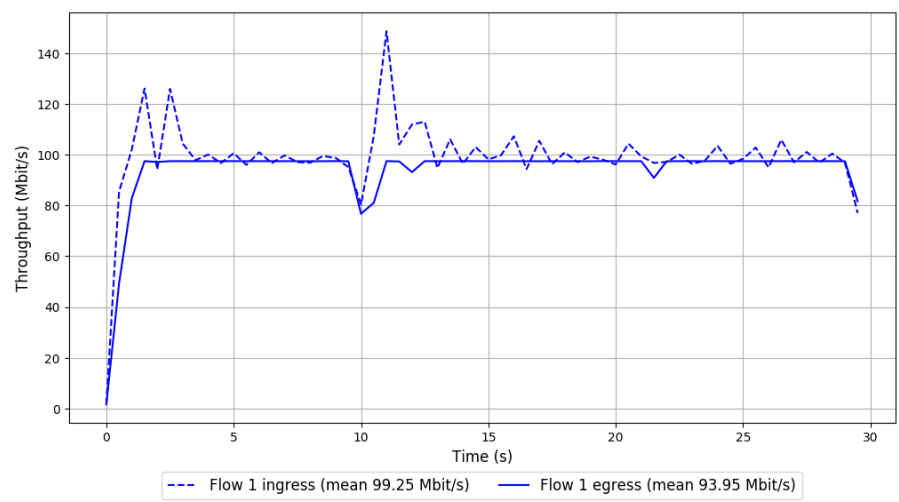
-- Flow 1:

Average throughput: 93.95 Mbit/s

95th percentile per-packet one-way delay: 32.023 ms

Loss rate: 5.27%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-02-20 03:01:06

End at: 2018-02-20 03:01:36

Local clock offset: -6.55 ms

Remote clock offset: 1.801 ms

Below is generated by plot.py at 2018-02-20 04:44:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.71 Mbit/s

95th percentile per-packet one-way delay: 32.146 ms

Loss rate: 4.36%

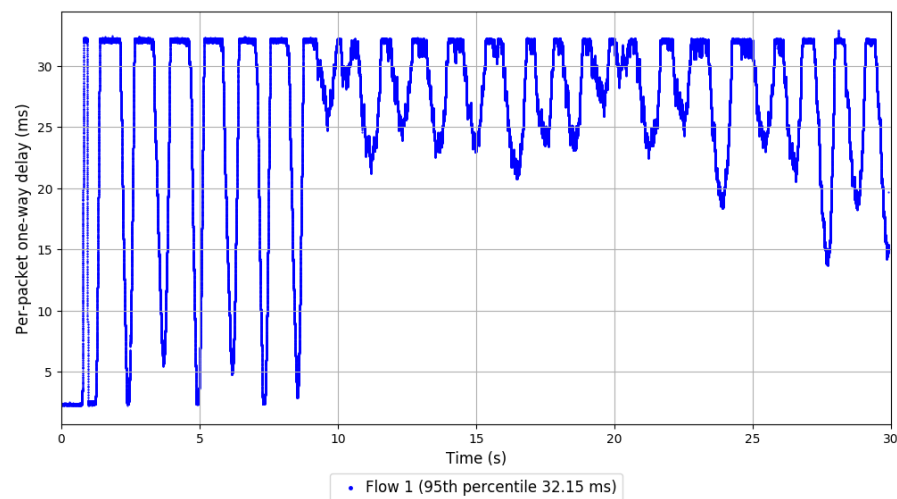
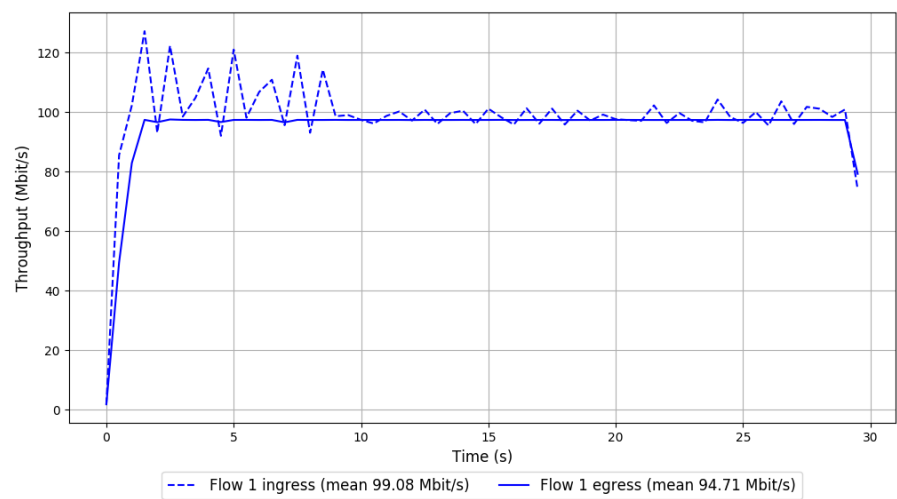
-- Flow 1:

Average throughput: 94.71 Mbit/s

95th percentile per-packet one-way delay: 32.146 ms

Loss rate: 4.36%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-02-20 03:21:30

End at: 2018-02-20 03:22:00

Local clock offset: -6.615 ms

Remote clock offset: -14.256 ms

Below is generated by plot.py at 2018-02-20 04:44:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.76 Mbit/s

95th percentile per-packet one-way delay: 19.037 ms

Loss rate: 3.14%

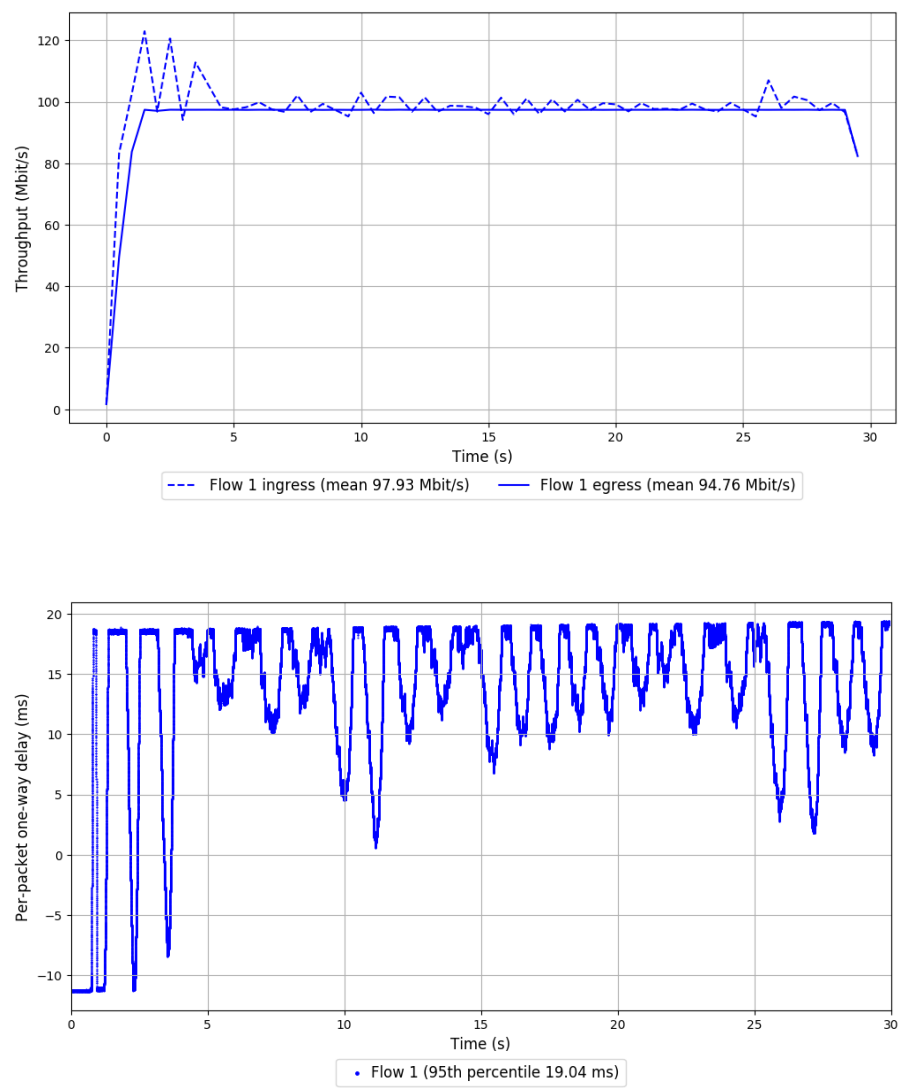
-- Flow 1:

Average throughput: 94.76 Mbit/s

95th percentile per-packet one-way delay: 19.037 ms

Loss rate: 3.14%

Run 9: Report of Vivace-loss — Data Link

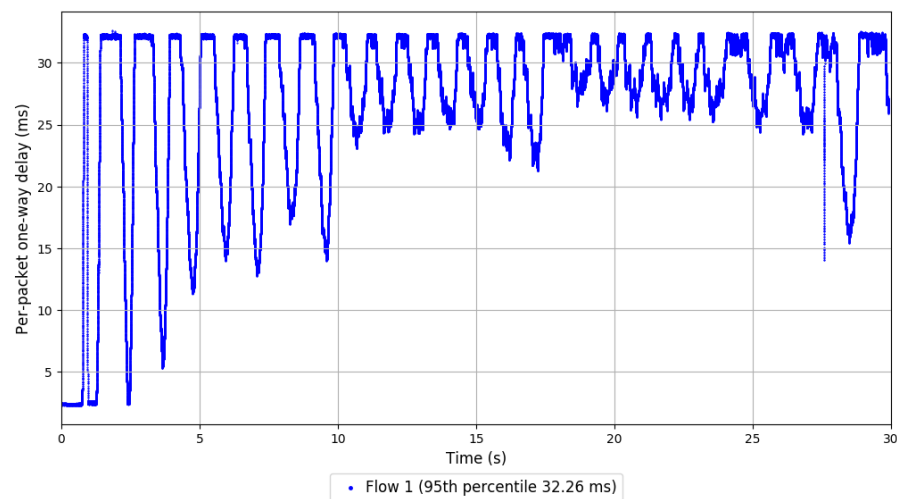
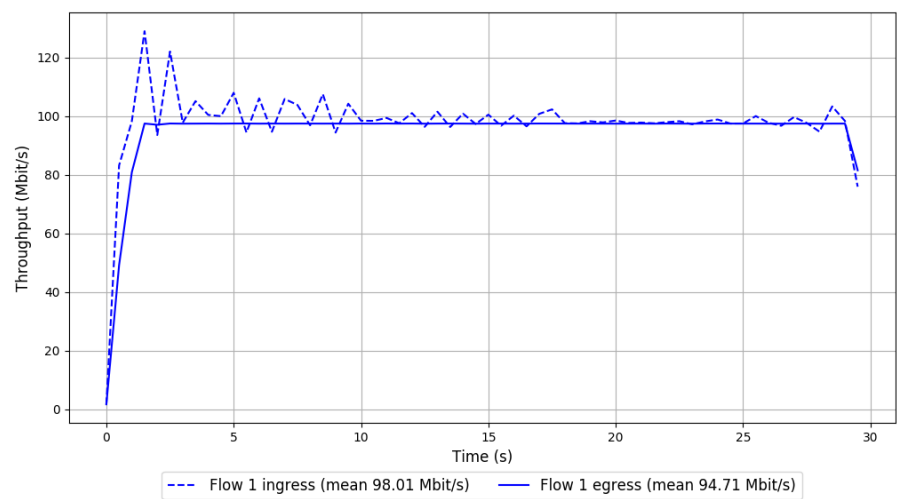


Run 10: Statistics of Vivace-loss

Start at: 2018-02-20 03:41:53
End at: 2018-02-20 03:42:23
Local clock offset: -6.739 ms
Remote clock offset: -15.304 ms

Below is generated by plot.py at 2018-02-20 04:44:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.71 Mbit/s
95th percentile per-packet one-way delay: 32.255 ms
Loss rate: 3.29%
-- Flow 1:
Average throughput: 94.71 Mbit/s
95th percentile per-packet one-way delay: 32.255 ms
Loss rate: 3.29%

Run 10: Report of Vivace-loss — Data Link

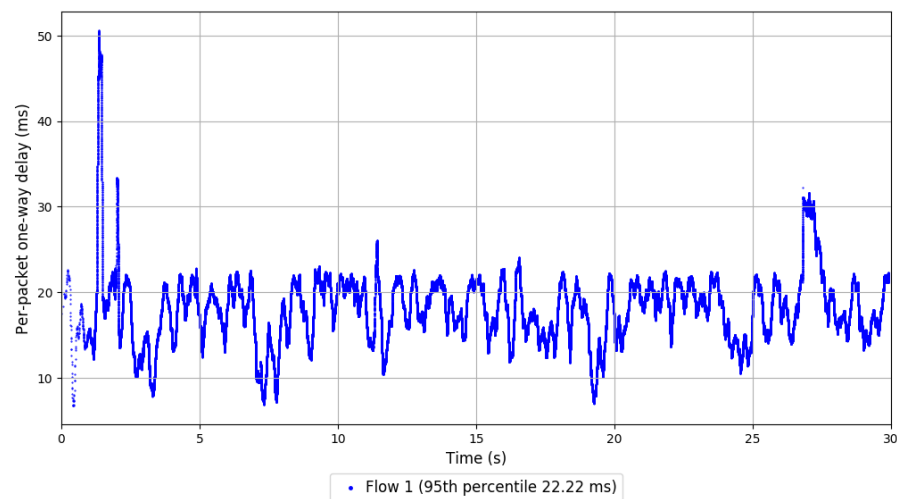
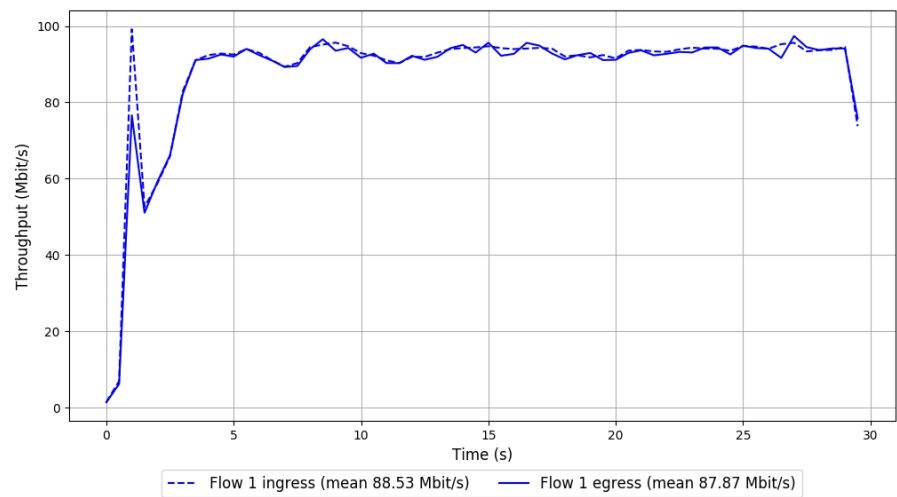


```
Run 1: Statistics of Vivace-LTE

Start at: 2018-02-20 00:42:38
End at: 2018-02-20 00:43:08
Local clock offset: -6.785 ms
Remote clock offset: -20.907 ms

# Below is generated by plot.py at 2018-02-20 04:44:58
# Datalink statistics
-- Total of 1 flow:
Average throughput: 87.87 Mbit/s
95th percentile per-packet one-way delay: 22.218 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 87.87 Mbit/s
95th percentile per-packet one-way delay: 22.218 ms
Loss rate: 0.74%
```


Run 1: Report of Vivace-LTE — Data Link

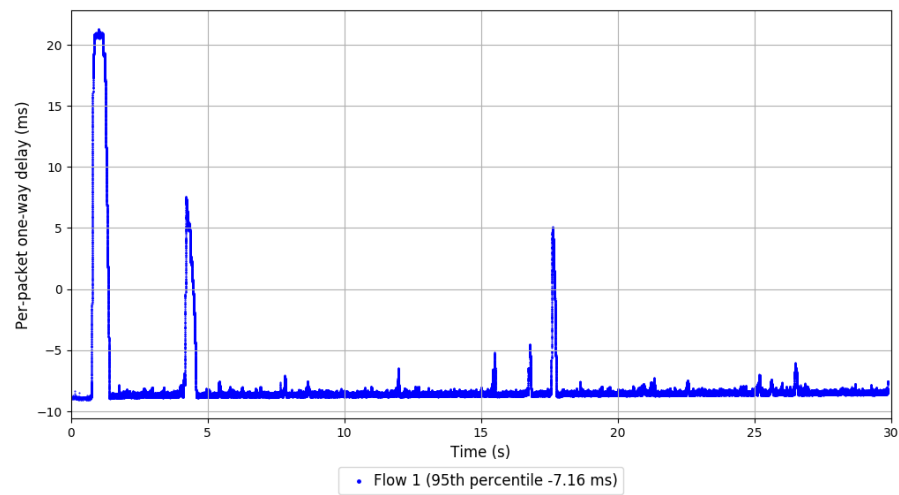
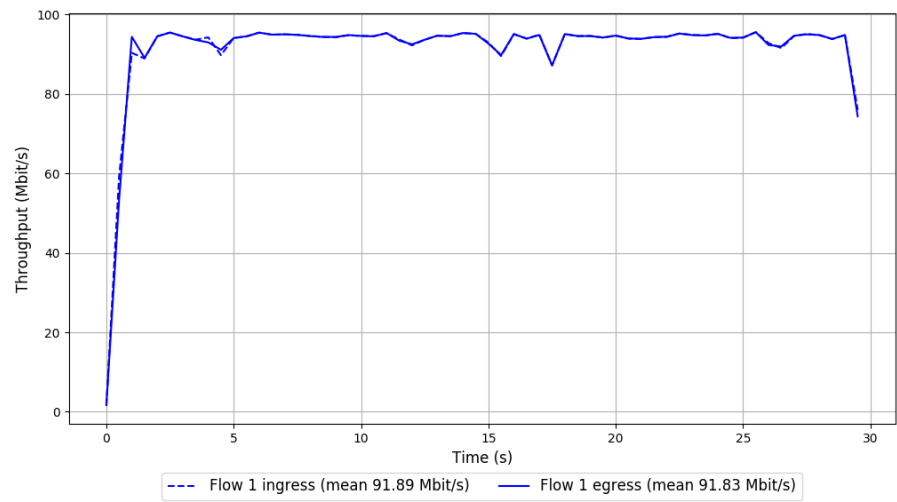


Run 2: Statistics of Vivace-LTE

Start at: 2018-02-20 01:03:16
End at: 2018-02-20 01:03:46
Local clock offset: -7.585 ms
Remote clock offset: -11.683 ms

Below is generated by plot.py at 2018-02-20 04:45:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.83 Mbit/s
95th percentile per-packet one-way delay: -7.160 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 91.83 Mbit/s
95th percentile per-packet one-way delay: -7.160 ms
Loss rate: 0.06%

Run 2: Report of Vivace-LTE — Data Link

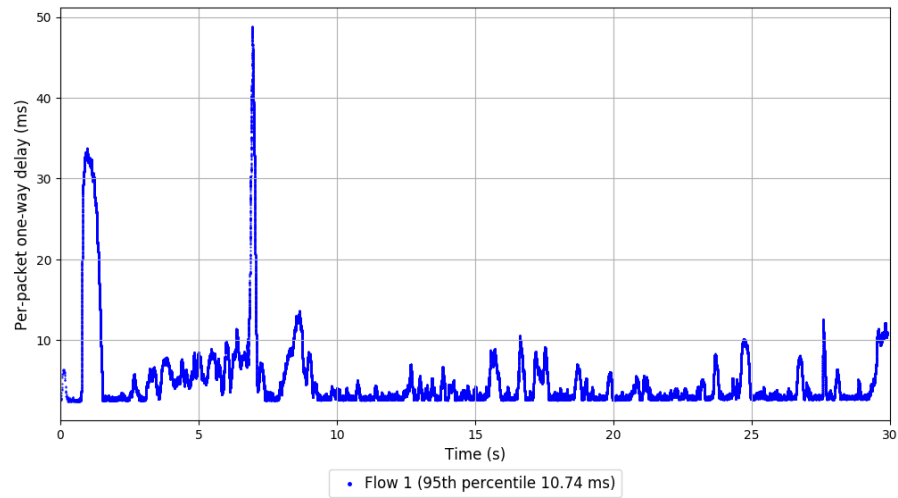
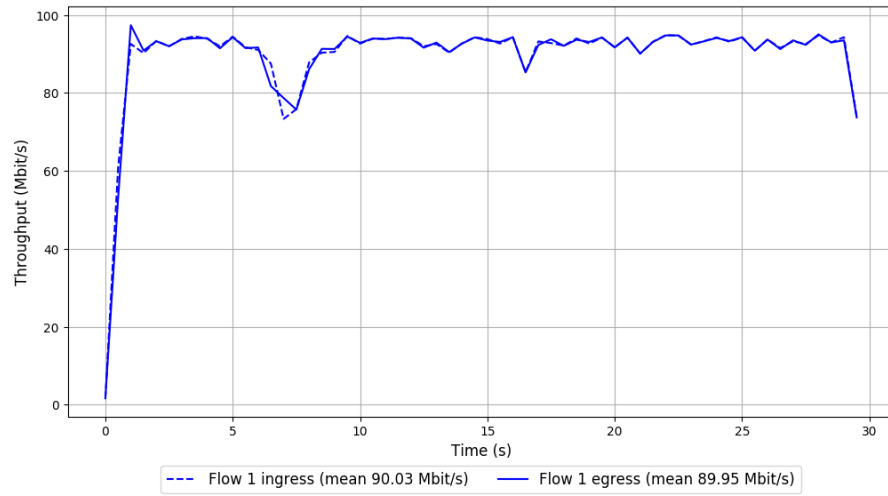


Run 3: Statistics of Vivace-LTE

Start at: 2018-02-20 01:23:37
End at: 2018-02-20 01:24:07
Local clock offset: -6.116 ms
Remote clock offset: -5.241 ms

Below is generated by plot.py at 2018-02-20 04:45:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.95 Mbit/s
95th percentile per-packet one-way delay: 10.741 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 89.95 Mbit/s
95th percentile per-packet one-way delay: 10.741 ms
Loss rate: 0.09%

Run 3: Report of Vivace-LTE — Data Link

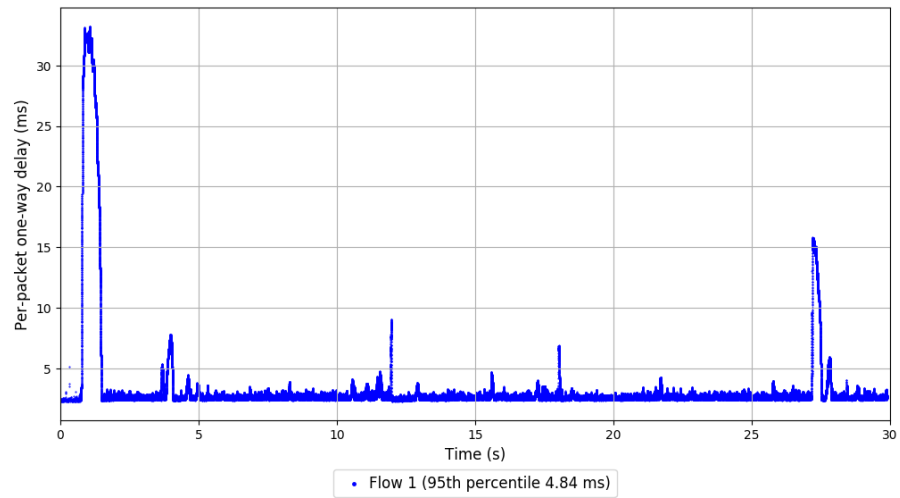
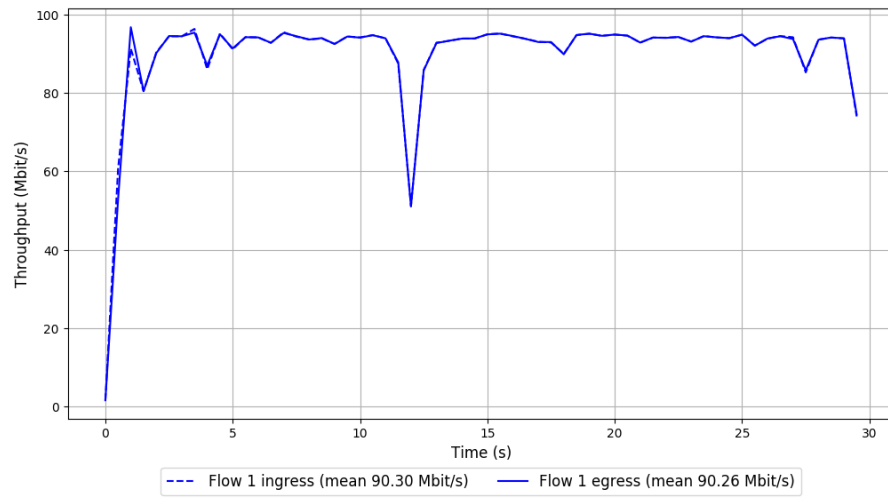


Run 4: Statistics of Vivace-LTE

Start at: 2018-02-20 01:43:46
End at: 2018-02-20 01:44:16
Local clock offset: -3.663 ms
Remote clock offset: -5.748 ms

Below is generated by plot.py at 2018-02-20 04:45:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.26 Mbit/s
95th percentile per-packet one-way delay: 4.836 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 90.26 Mbit/s
95th percentile per-packet one-way delay: 4.836 ms
Loss rate: 0.04%

Run 4: Report of Vivace-LTE — Data Link



Run 5: Statistics of Vivace-LTE

Start at: 2018-02-20 02:03:48

End at: 2018-02-20 02:04:18

Local clock offset: -5.886 ms

Remote clock offset: -5.893 ms

Below is generated by plot.py at 2018-02-20 04:45:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.59 Mbit/s

95th percentile per-packet one-way delay: 2.847 ms

Loss rate: 0.03%

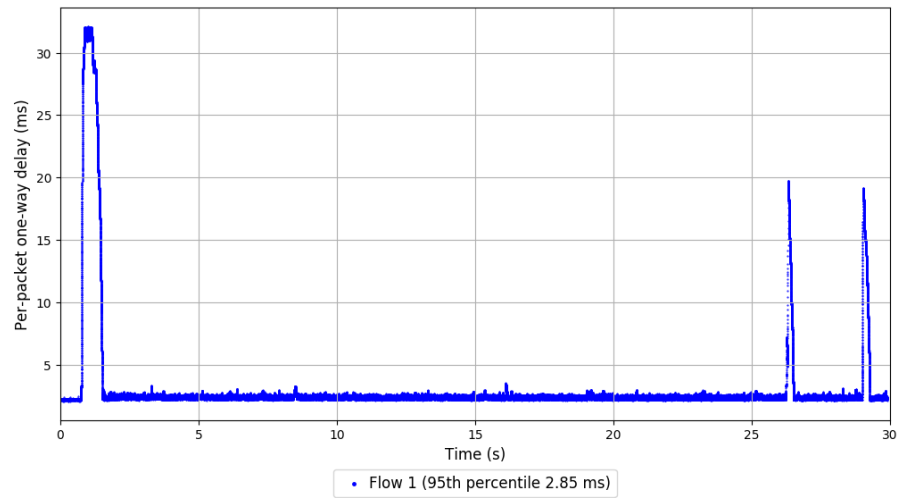
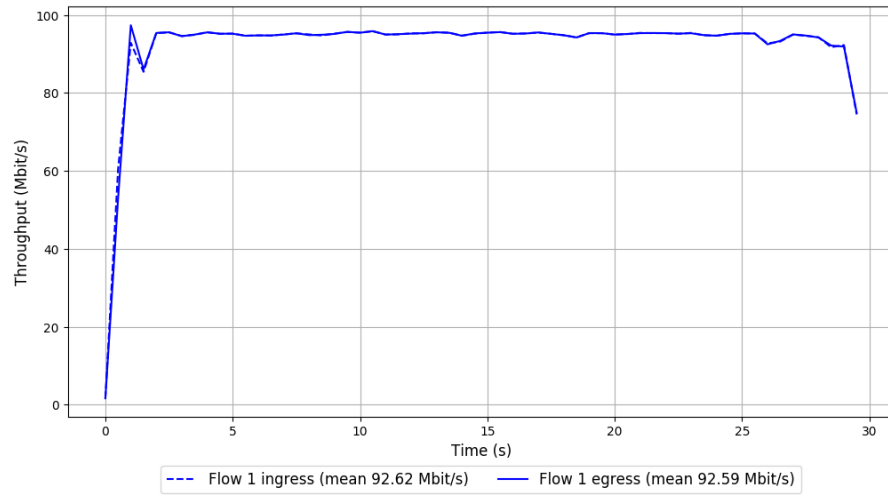
-- Flow 1:

Average throughput: 92.59 Mbit/s

95th percentile per-packet one-way delay: 2.847 ms

Loss rate: 0.03%

Run 5: Report of Vivace-LTE — Data Link

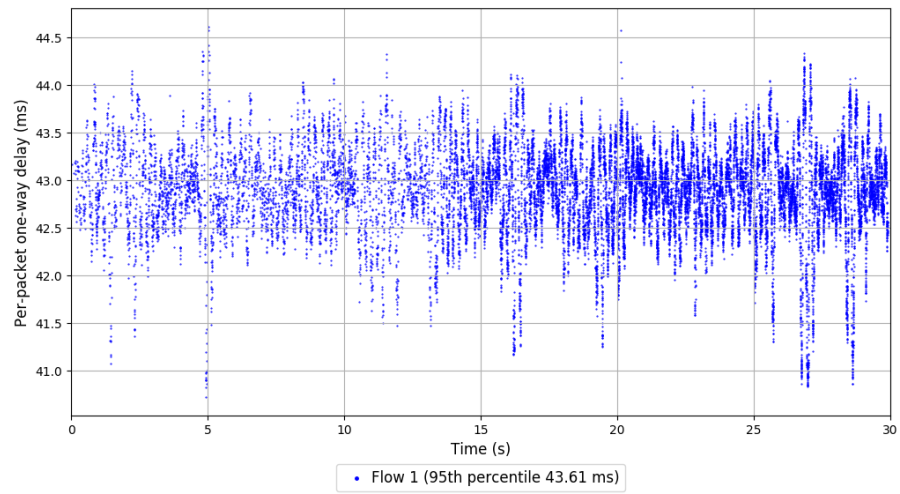
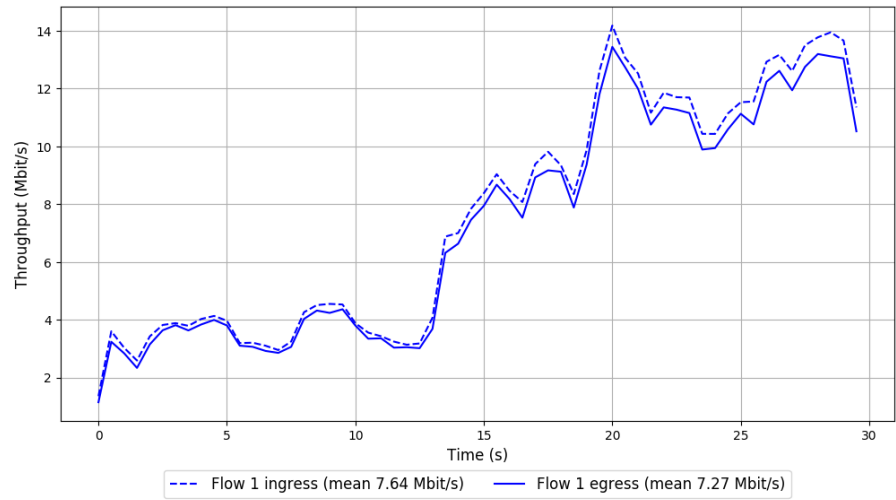


Run 6: Statistics of Vivace-LTE

Start at: 2018-02-20 02:24:06
End at: 2018-02-20 02:24:36
Local clock offset: -6.829 ms
Remote clock offset: -1.311 ms

Below is generated by plot.py at 2018-02-20 04:45:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.27 Mbit/s
95th percentile per-packet one-way delay: 43.608 ms
Loss rate: 4.99%
-- Flow 1:
Average throughput: 7.27 Mbit/s
95th percentile per-packet one-way delay: 43.608 ms
Loss rate: 4.99%

Run 6: Report of Vivace-LTE — Data Link



Run 7: Statistics of Vivace-LTE

Start at: 2018-02-20 02:44:14

End at: 2018-02-20 02:44:44

Local clock offset: -6.577 ms

Remote clock offset: 0.805 ms

Below is generated by plot.py at 2018-02-20 04:45:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 31.61 Mbit/s

95th percentile per-packet one-way delay: 43.516 ms

Loss rate: 2.73%

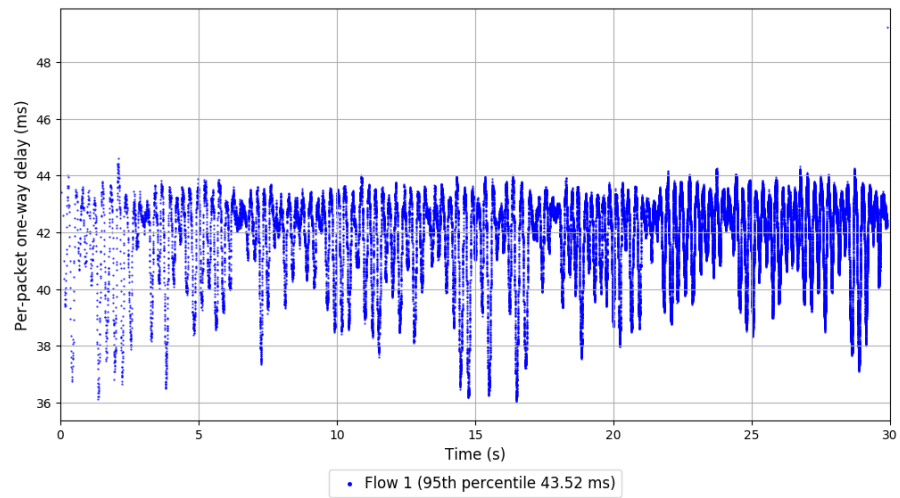
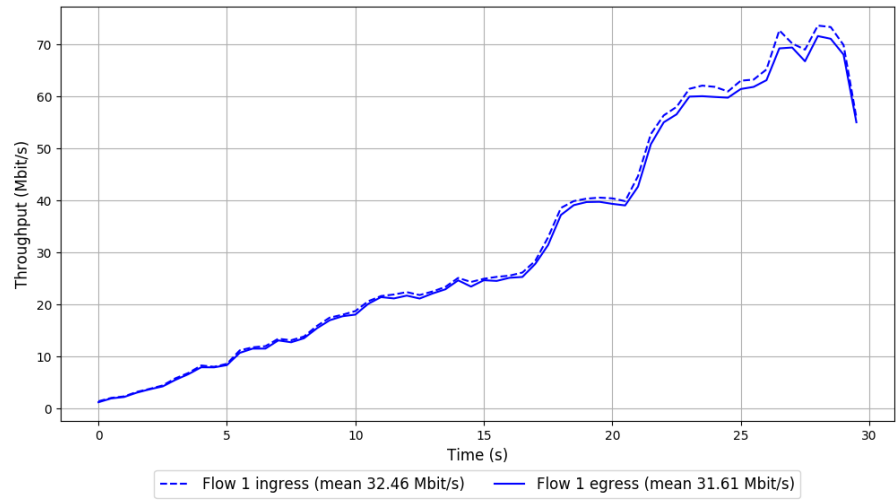
-- Flow 1:

Average throughput: 31.61 Mbit/s

95th percentile per-packet one-way delay: 43.516 ms

Loss rate: 2.73%

Run 7: Report of Vivace-LTE — Data Link

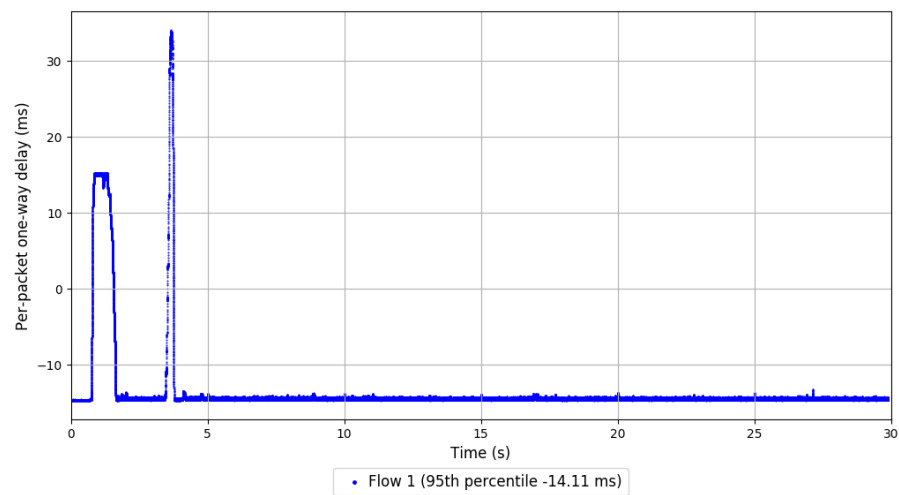
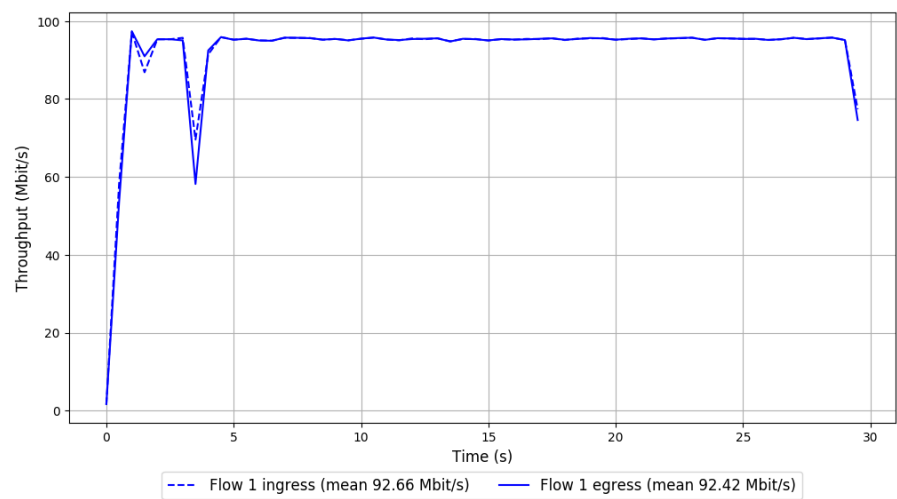


Run 8: Statistics of Vivace-LTE

Start at: 2018-02-20 03:04:32
End at: 2018-02-20 03:05:02
Local clock offset: -6.528 ms
Remote clock offset: -14.945 ms

Below is generated by plot.py at 2018-02-20 04:45:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.42 Mbit/s
95th percentile per-packet one-way delay: -14.114 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 92.42 Mbit/s
95th percentile per-packet one-way delay: -14.114 ms
Loss rate: 0.26%

Run 8: Report of Vivace-LTE — Data Link

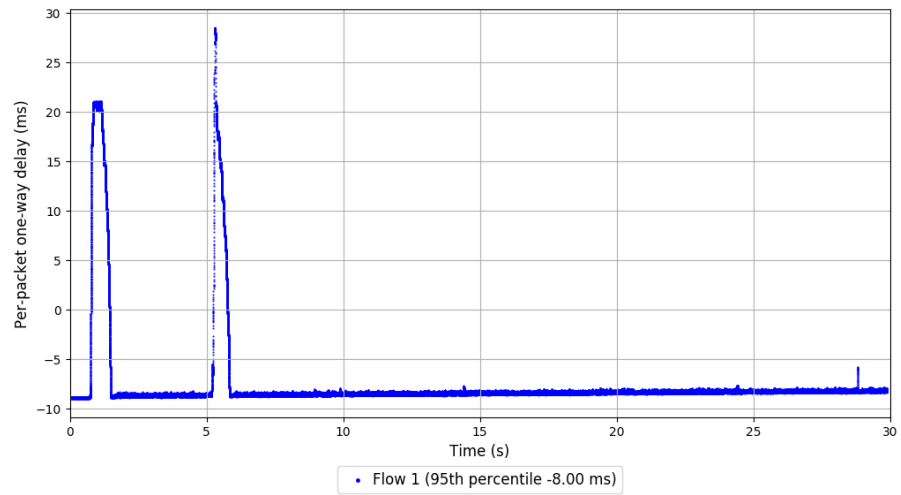
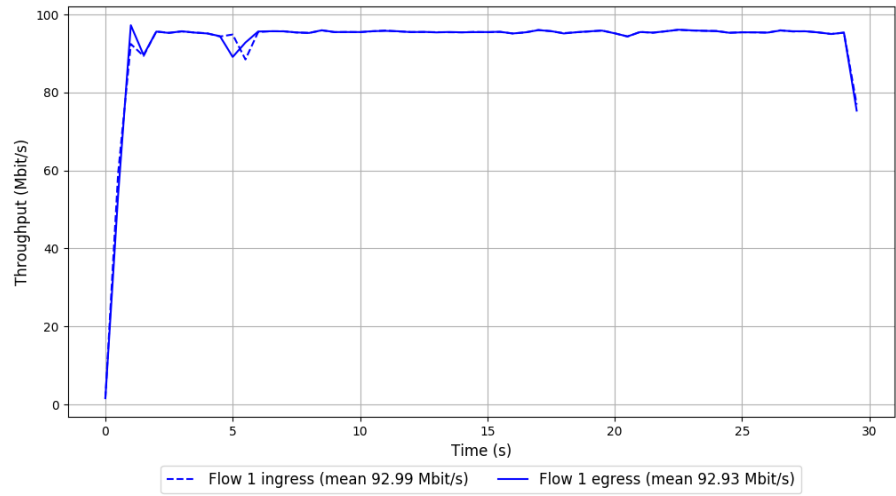


Run 9: Statistics of Vivace-LTE

Start at: 2018-02-20 03:24:56
End at: 2018-02-20 03:25:26
Local clock offset: -6.644 ms
Remote clock offset: -16.394 ms

Below is generated by plot.py at 2018-02-20 04:45:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.93 Mbit/s
95th percentile per-packet one-way delay: -7.995 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 92.93 Mbit/s
95th percentile per-packet one-way delay: -7.995 ms
Loss rate: 0.06%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-20 03:45:19

End at: 2018-02-20 03:45:49

Local clock offset: -6.693 ms

Remote clock offset: -16.271 ms

Below is generated by plot.py at 2018-02-20 04:45:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.14 Mbit/s

95th percentile per-packet one-way delay: 2.933 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 93.14 Mbit/s

95th percentile per-packet one-way delay: 2.933 ms

Loss rate: 0.05%

Run 10: Report of Vivace-LTE — Data Link

