

Pantheon Report

Generated at 2018-02-16 05:43:57 (UTC).

Data path: Colombia Ethernet (*remote*) → AWS Brazil 2 Ethernet (*local*).

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

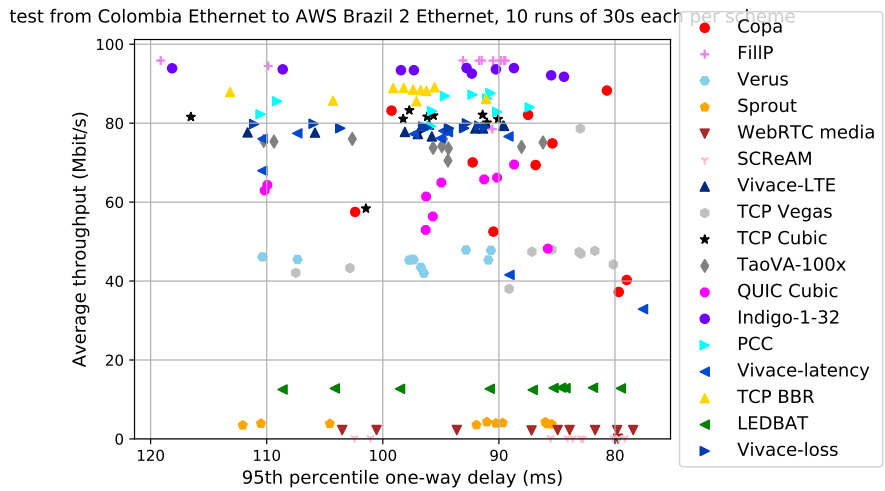
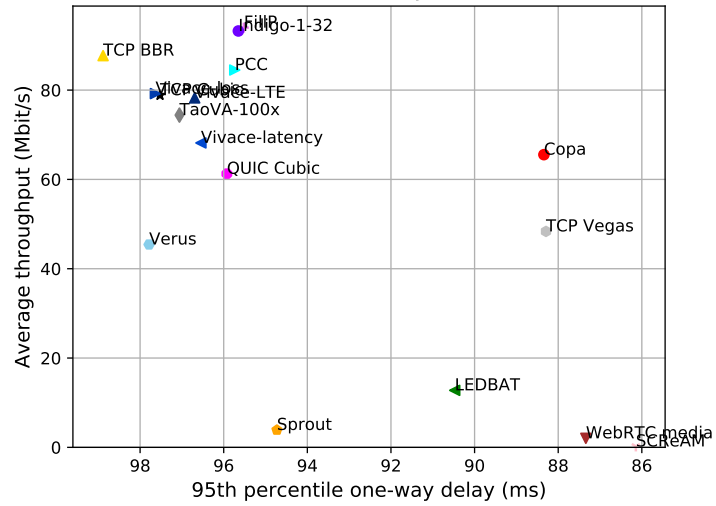
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

Git summary:

```
branch: master @ cccb2d77344969a7bac1df6edf6c0cfb6c77a6f8
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 8400b8926887fc4cf8c795a1d7ce2c8ac041ec72
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-quic @ 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 Colombia Ethernet to AWS Brazil 2 Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



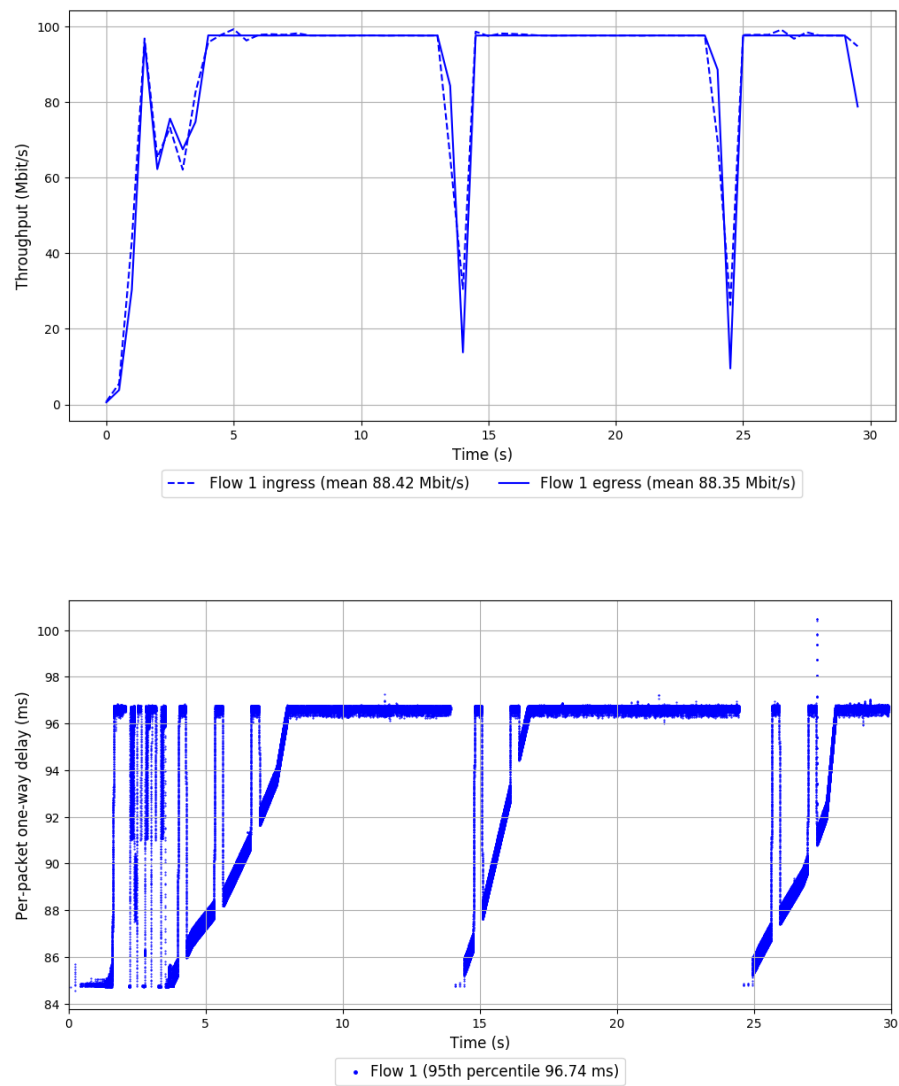
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	87.72	98.88	0.66
TCP Cubic	10	78.86	97.52	0.61
LEDBAT	10	12.76	90.48	1.11
PCC	10	84.49	95.74	0.63
QUIC Cubic	10	61.26	95.92	0.89
SCReAM	10	0.21	86.14	0.51
WebRTC media	10	2.02	87.34	0.57
Sprout	10	3.89	94.73	0.72
TaoVA-100x	10	74.40	97.06	1.24
TCP Vegas	10	48.36	88.29	0.56
Verus	10	45.43	97.78	0.62
Copa	10	65.54	88.34	2.39
FillP	10	93.99	95.52	2.31
Indigo-1-32	10	93.24	95.65	0.59
Vivace-latency	10	68.16	96.55	0.76
Vivace-loss	10	79.22	97.63	0.73
Vivace-LTE	10	78.26	96.69	0.68

Run 1: Statistics of TCP BBR

Start at: 2018-02-15 22:05:56
End at: 2018-02-15 22:06:26
Local clock offset: -16.759 ms
Remote clock offset: -2.429 ms

Below is generated by plot.py at 2018-02-16 05:24:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.35 Mbit/s
95th percentile per-packet one-way delay: 96.737 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 88.35 Mbit/s
95th percentile per-packet one-way delay: 96.737 ms
Loss rate: 0.66%

Run 1: Report of TCP BBR — Data Link

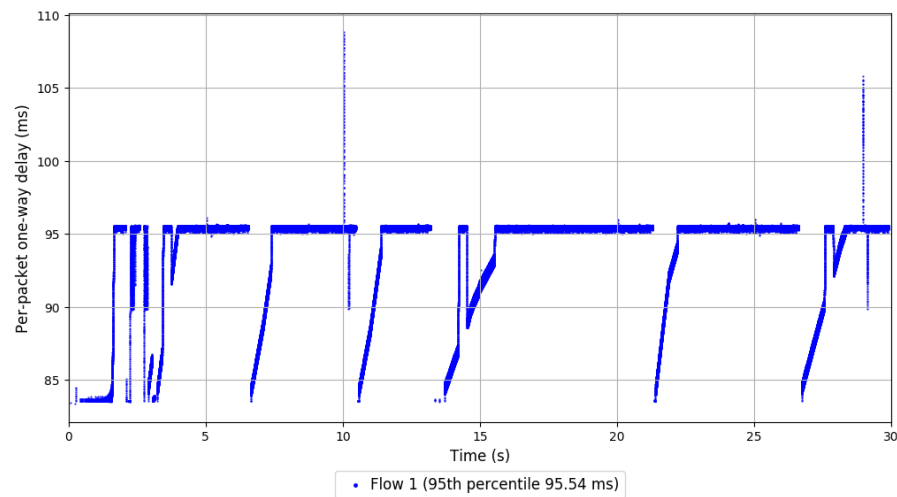
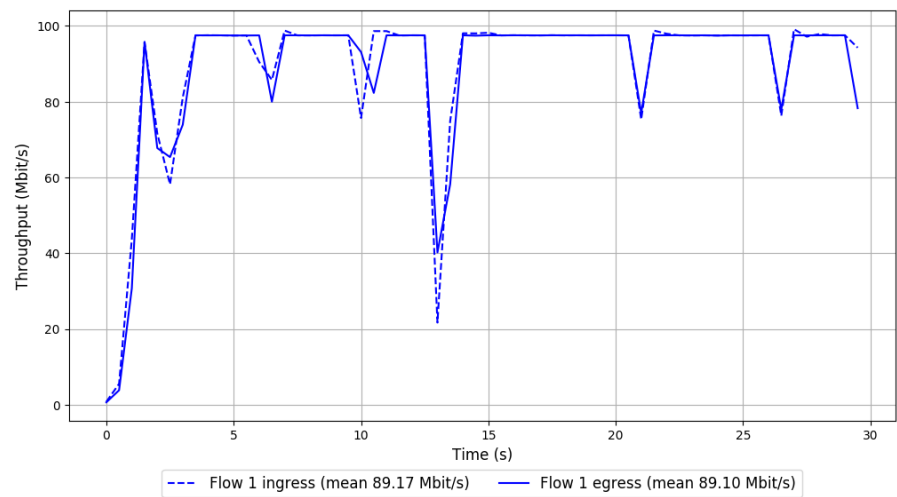


Run 2: Statistics of TCP BBR

Start at: 2018-02-15 22:28:02
End at: 2018-02-15 22:28:32
Local clock offset: -21.708 ms
Remote clock offset: -1.733 ms

Below is generated by plot.py at 2018-02-16 05:24:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.10 Mbit/s
95th percentile per-packet one-way delay: 95.537 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 89.10 Mbit/s
95th percentile per-packet one-way delay: 95.537 ms
Loss rate: 0.65%

Run 2: Report of TCP BBR — Data Link

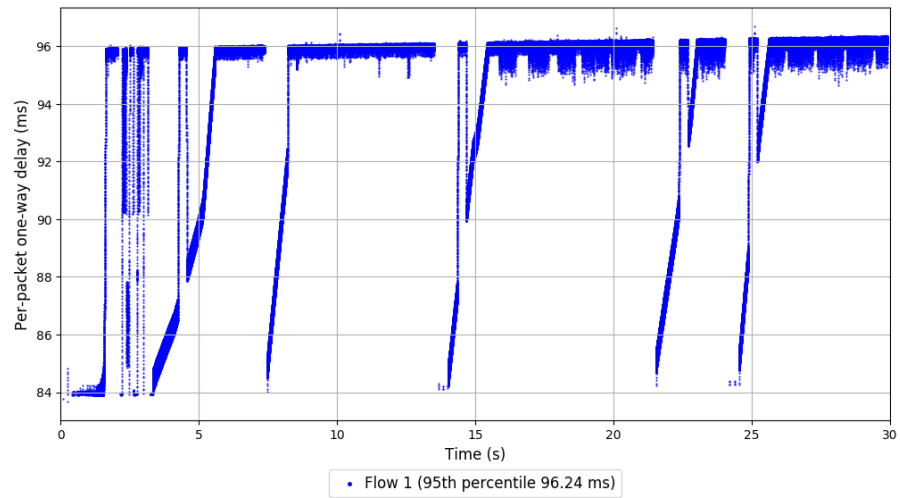
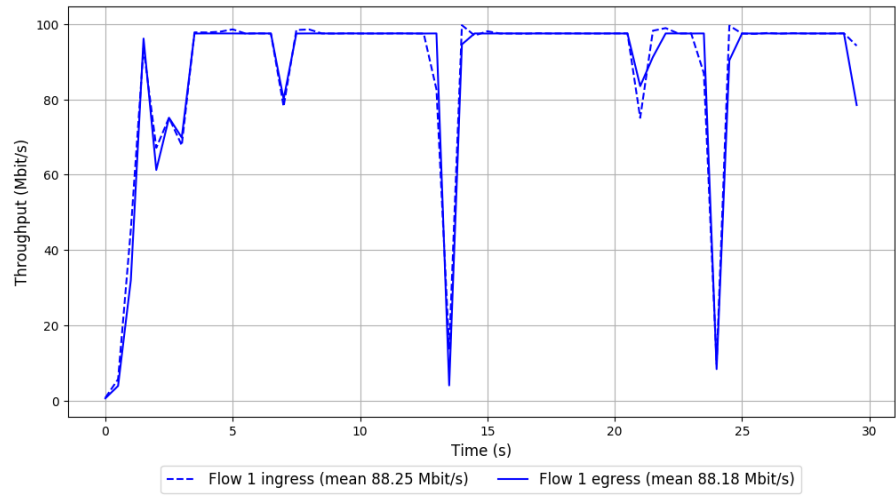


Run 3: Statistics of TCP BBR

Start at: 2018-02-15 22:50:11
End at: 2018-02-15 22:50:41
Local clock offset: -34.164 ms
Remote clock offset: -1.135 ms

Below is generated by plot.py at 2018-02-16 05:24:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.18 Mbit/s
95th percentile per-packet one-way delay: 96.238 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 88.18 Mbit/s
95th percentile per-packet one-way delay: 96.238 ms
Loss rate: 0.65%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-02-15 23:12:12

End at: 2018-02-15 23:12:42

Local clock offset: -0.58 ms

Remote clock offset: 3.95 ms

Below is generated by plot.py at 2018-02-16 05:24:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.88 Mbit/s

95th percentile per-packet one-way delay: 99.097 ms

Loss rate: 0.65%

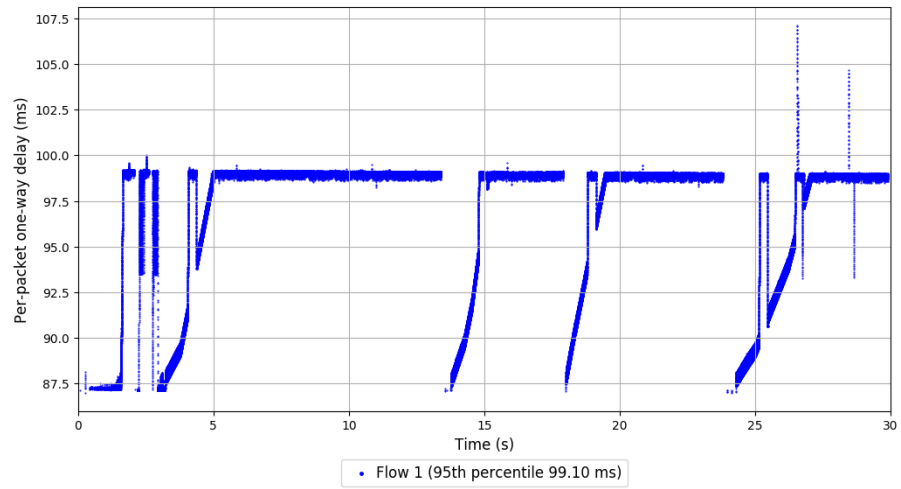
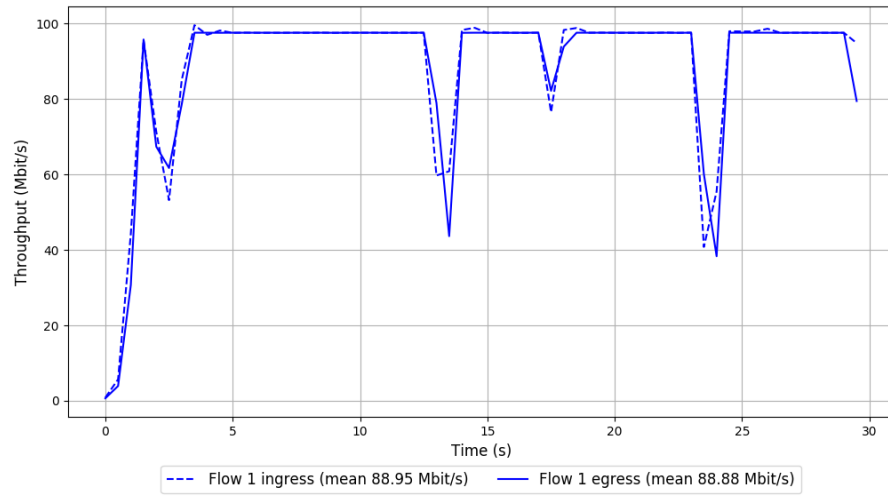
-- Flow 1:

Average throughput: 88.88 Mbit/s

95th percentile per-packet one-way delay: 99.097 ms

Loss rate: 0.65%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-02-15 23:34:12

End at: 2018-02-15 23:34:42

Local clock offset: 2.726 ms

Remote clock offset: 1.068 ms

Below is generated by plot.py at 2018-02-16 05:24:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.71 Mbit/s

95th percentile per-packet one-way delay: 104.289 ms

Loss rate: 0.66%

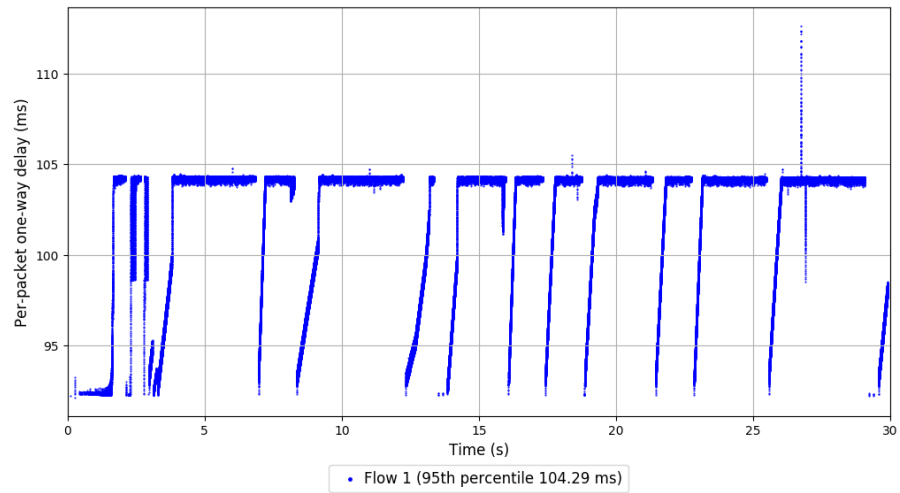
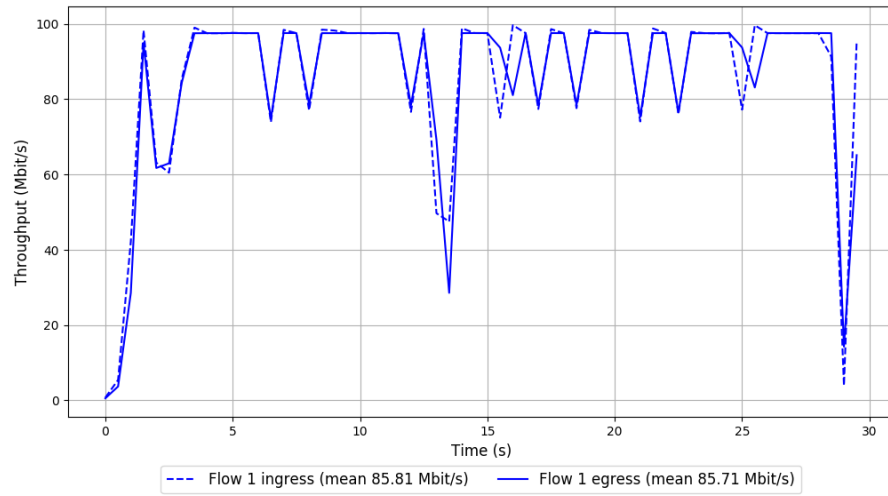
-- Flow 1:

Average throughput: 85.71 Mbit/s

95th percentile per-packet one-way delay: 104.289 ms

Loss rate: 0.66%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-02-15 23:56:12

End at: 2018-02-15 23:56:42

Local clock offset: 8.048 ms

Remote clock offset: 0.102 ms

Below is generated by plot.py at 2018-02-16 05:24:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.86 Mbit/s

95th percentile per-packet one-way delay: 113.154 ms

Loss rate: 0.66%

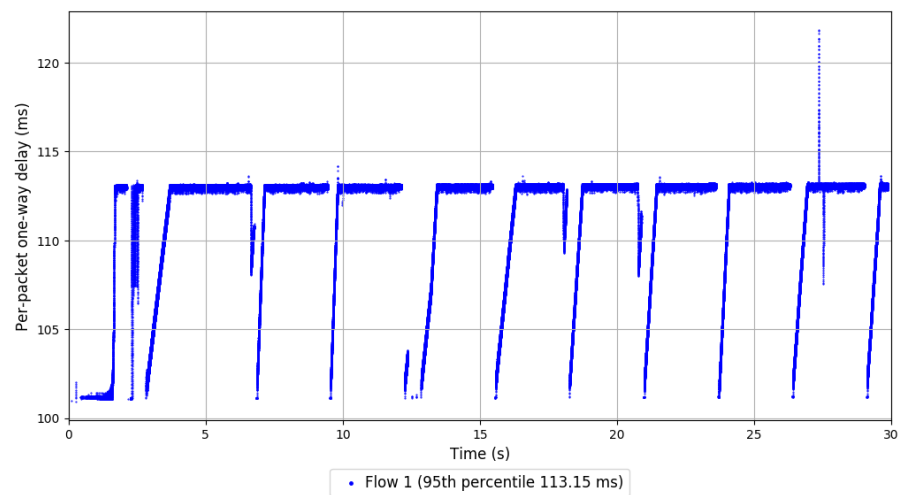
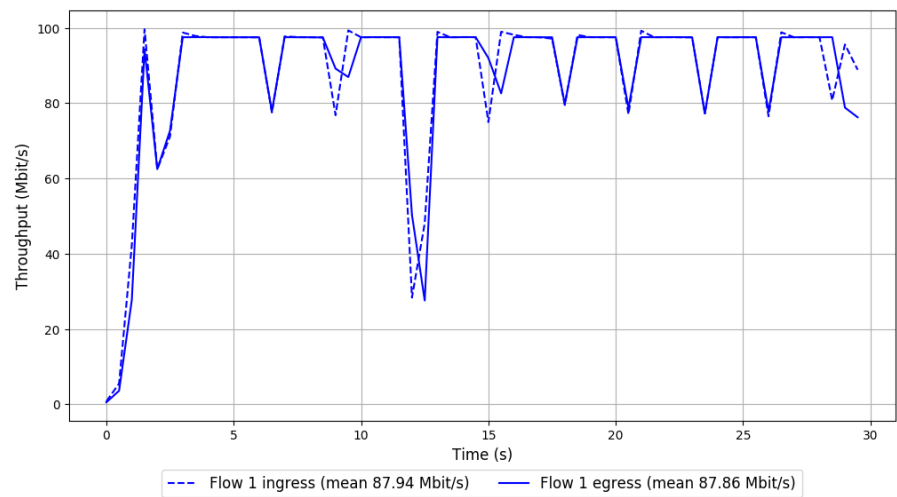
-- Flow 1:

Average throughput: 87.86 Mbit/s

95th percentile per-packet one-way delay: 113.154 ms

Loss rate: 0.66%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-02-16 00:18:12

End at: 2018-02-16 00:18:42

Local clock offset: -30.28 ms

Remote clock offset: -4.9 ms

Below is generated by plot.py at 2018-02-16 05:24:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.92 Mbit/s

95th percentile per-packet one-way delay: 98.196 ms

Loss rate: 0.64%

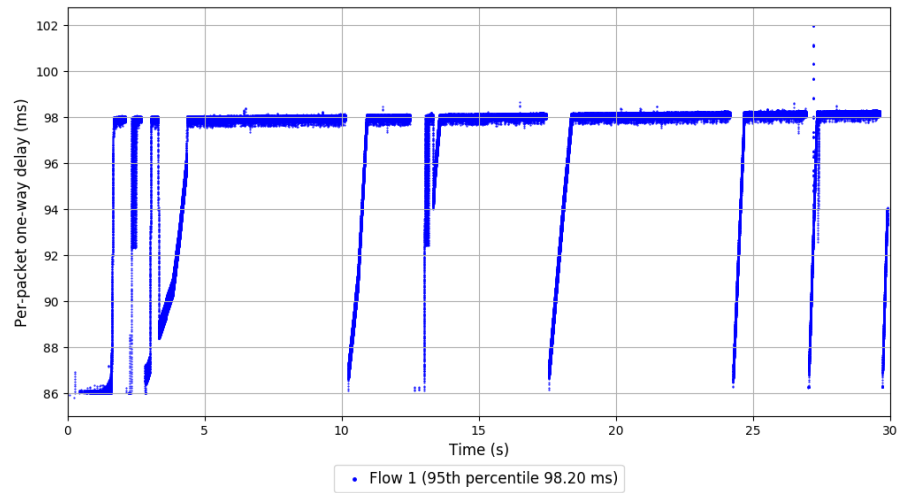
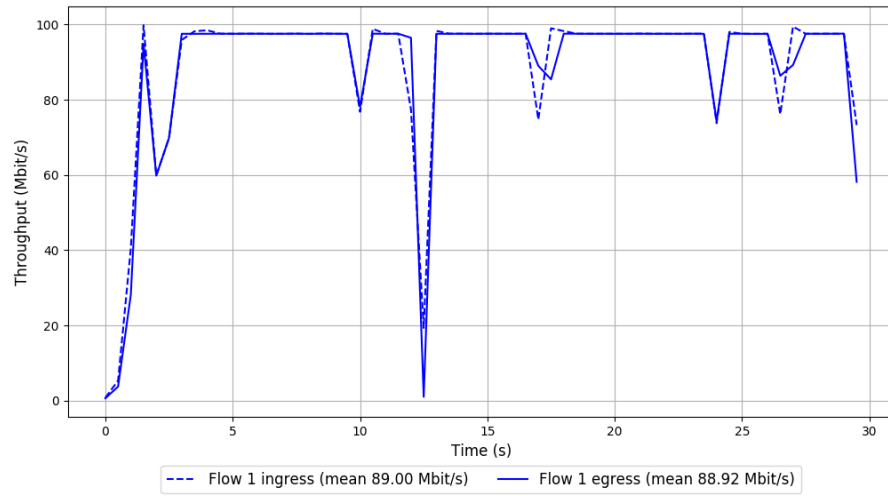
-- Flow 1:

Average throughput: 88.92 Mbit/s

95th percentile per-packet one-way delay: 98.196 ms

Loss rate: 0.64%

Run 7: Report of TCP BBR — Data Link

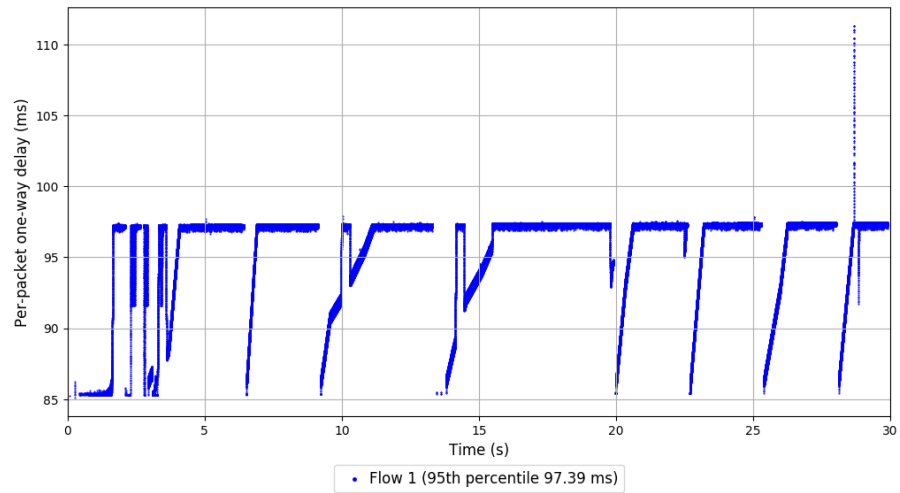
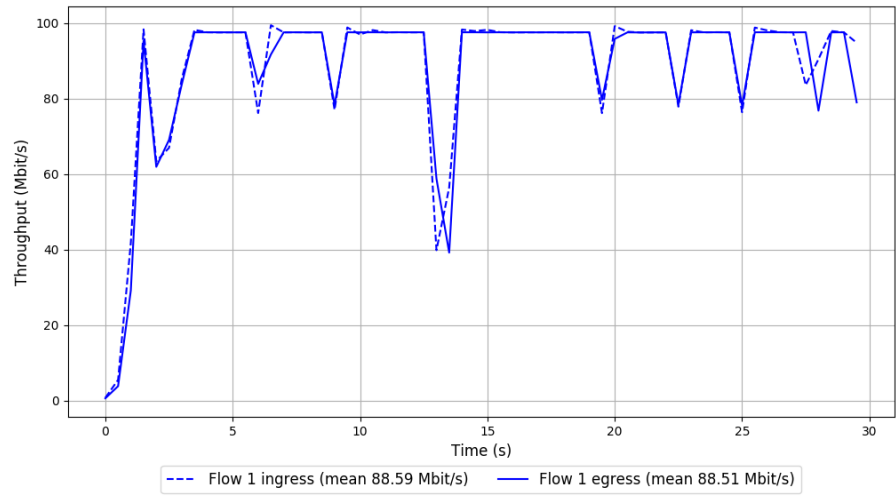


Run 8: Statistics of TCP BBR

Start at: 2018-02-16 00:40:12
End at: 2018-02-16 00:40:42
Local clock offset: -40.755 ms
Remote clock offset: -6.282 ms

Below is generated by plot.py at 2018-02-16 05:24:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.51 Mbit/s
95th percentile per-packet one-way delay: 97.387 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 88.51 Mbit/s
95th percentile per-packet one-way delay: 97.387 ms
Loss rate: 0.65%

Run 8: Report of TCP BBR — Data Link

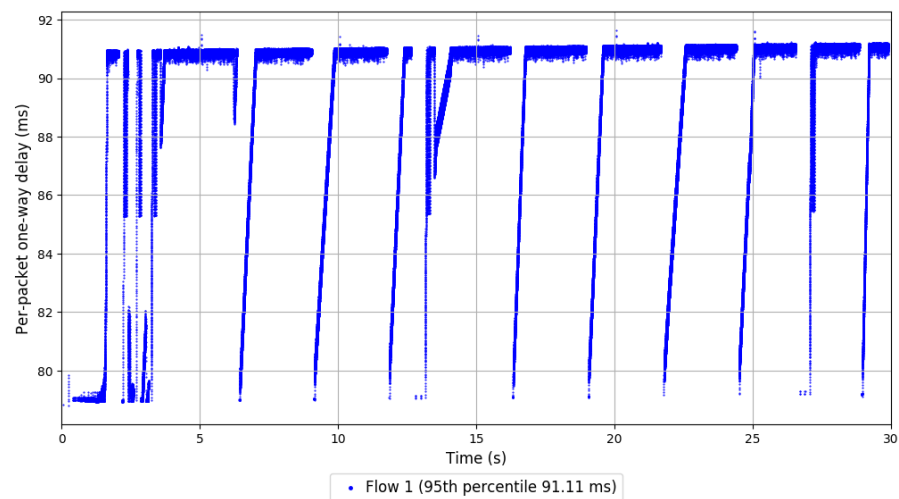
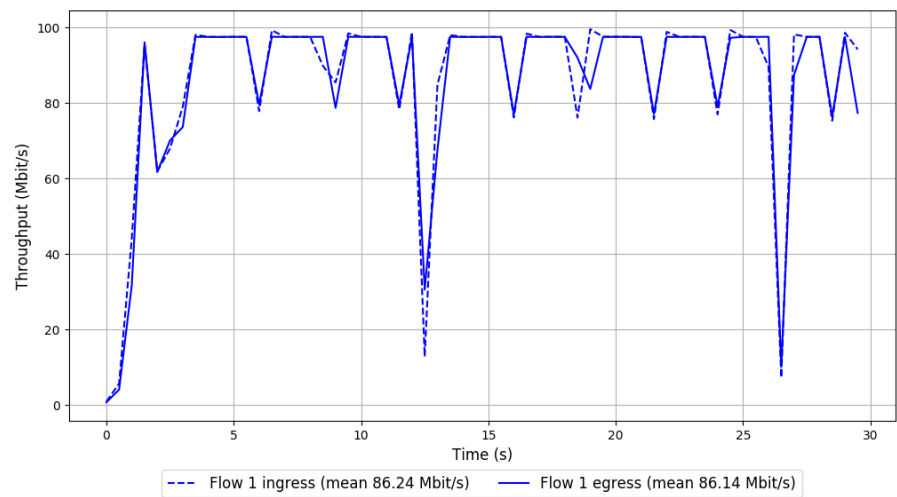


Run 9: Statistics of TCP BBR

Start at: 2018-02-16 01:02:16
End at: 2018-02-16 01:02:46
Local clock offset: -49.797 ms
Remote clock offset: 0.785 ms

Below is generated by plot.py at 2018-02-16 05:25:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.14 Mbit/s
95th percentile per-packet one-way delay: 91.108 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 86.14 Mbit/s
95th percentile per-packet one-way delay: 91.108 ms
Loss rate: 0.67%

Run 9: Report of TCP BBR — Data Link

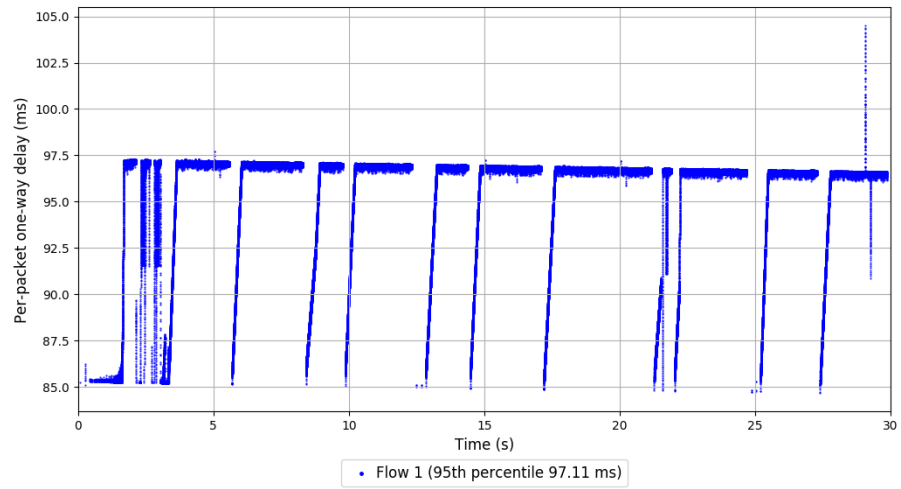
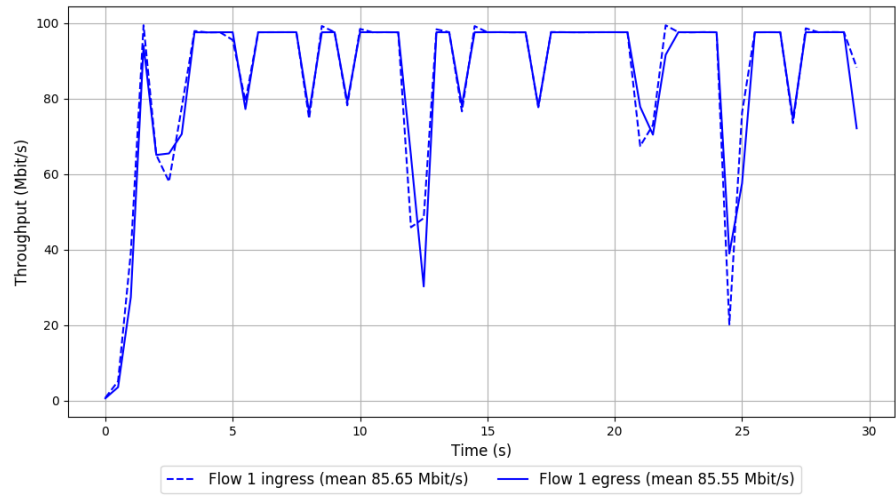


Run 10: Statistics of TCP BBR

Start at: 2018-02-16 01:24:18
End at: 2018-02-16 01:24:48
Local clock offset: -9.376 ms
Remote clock offset: -3.703 ms

Below is generated by plot.py at 2018-02-16 05:25:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.55 Mbit/s
95th percentile per-packet one-way delay: 97.105 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 85.55 Mbit/s
95th percentile per-packet one-way delay: 97.105 ms
Loss rate: 0.68%

Run 10: Report of TCP BBR — Data Link

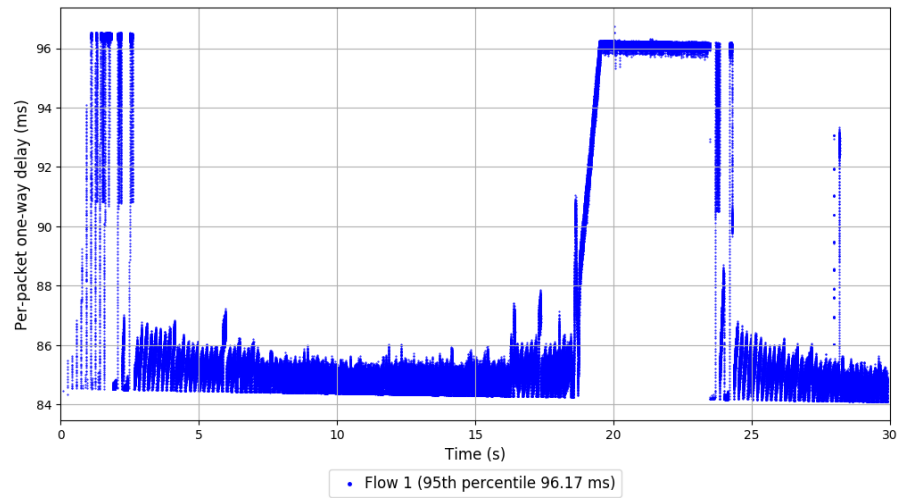
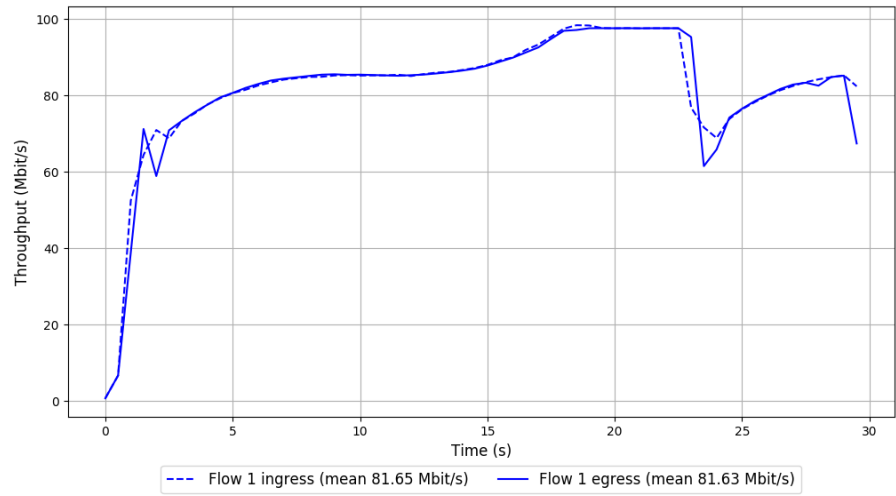


Run 1: Statistics of TCP Cubic

Start at: 2018-02-15 22:03:32
End at: 2018-02-15 22:04:02
Local clock offset: -18.765 ms
Remote clock offset: -2.643 ms

Below is generated by plot.py at 2018-02-16 05:25:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.63 Mbit/s
95th percentile per-packet one-way delay: 96.174 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 81.63 Mbit/s
95th percentile per-packet one-way delay: 96.174 ms
Loss rate: 0.58%

Run 1: Report of TCP Cubic — Data Link

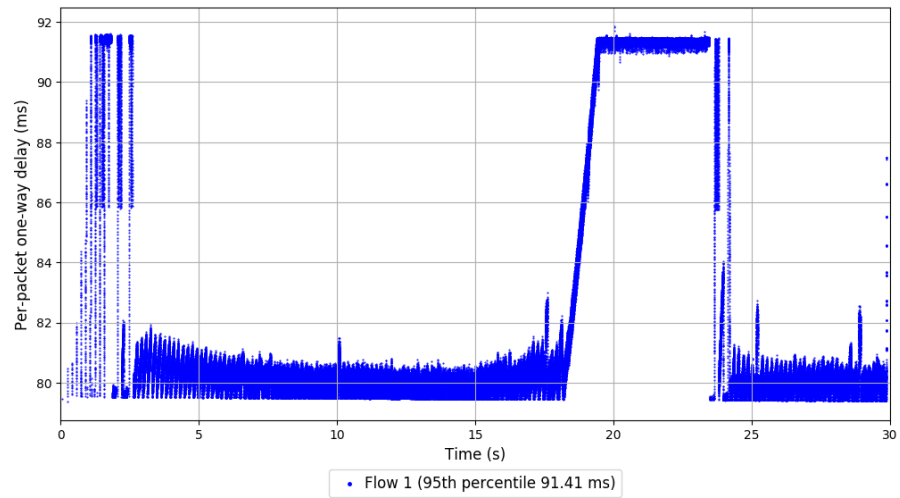
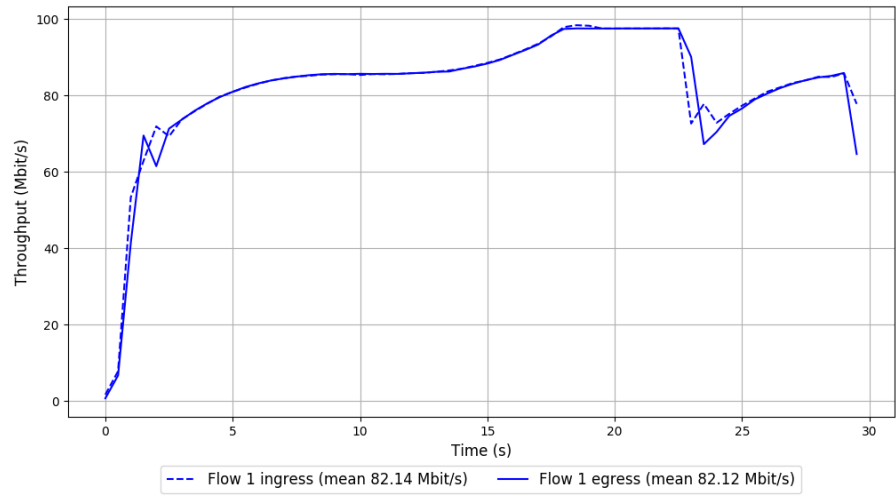


Run 2: Statistics of TCP Cubic

Start at: 2018-02-15 22:25:37
End at: 2018-02-15 22:26:07
Local clock offset: -22.145 ms
Remote clock offset: 2.154 ms

Below is generated by plot.py at 2018-02-16 05:25:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.12 Mbit/s
95th percentile per-packet one-way delay: 91.405 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 82.12 Mbit/s
95th percentile per-packet one-way delay: 91.405 ms
Loss rate: 0.58%

Run 2: Report of TCP Cubic — Data Link

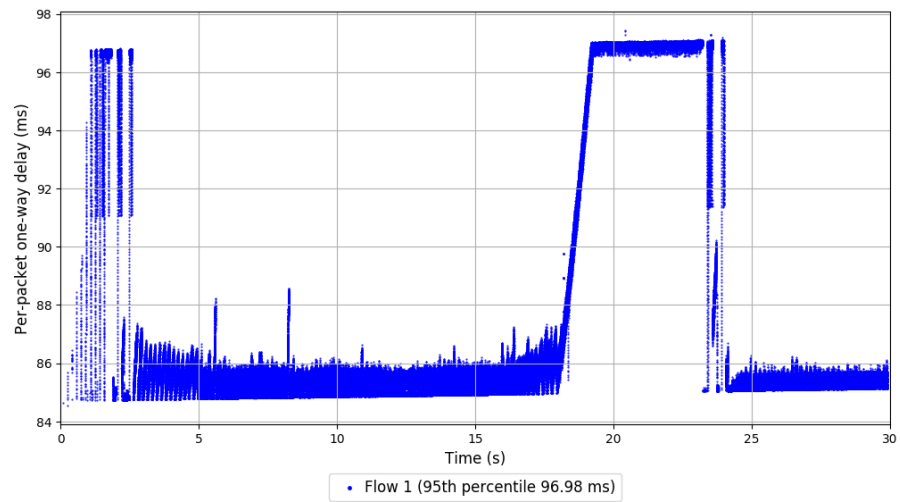
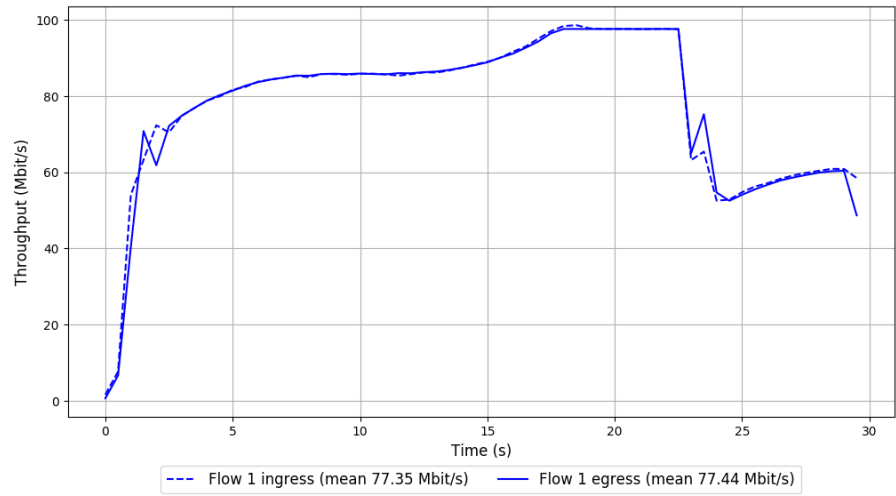


Run 3: Statistics of TCP Cubic

Start at: 2018-02-15 22:47:47
End at: 2018-02-15 22:48:17
Local clock offset: -32.301 ms
Remote clock offset: -1.985 ms

Below is generated by plot.py at 2018-02-16 05:25:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.44 Mbit/s
95th percentile per-packet one-way delay: 96.977 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 77.44 Mbit/s
95th percentile per-packet one-way delay: 96.977 ms
Loss rate: 0.44%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-02-15 23:09:48

End at: 2018-02-15 23:10:18

Local clock offset: -3.162 ms

Remote clock offset: 5.095 ms

Below is generated by plot.py at 2018-02-16 05:25:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.26 Mbit/s

95th percentile per-packet one-way delay: 97.714 ms

Loss rate: 0.57%

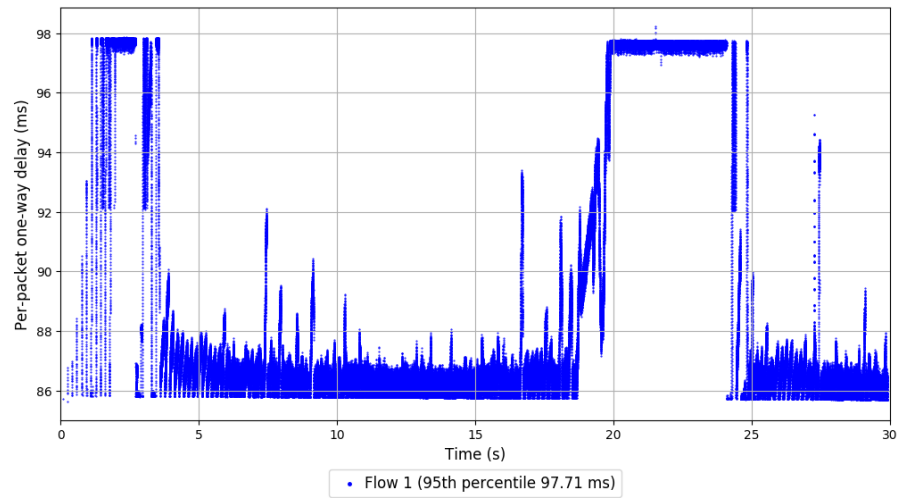
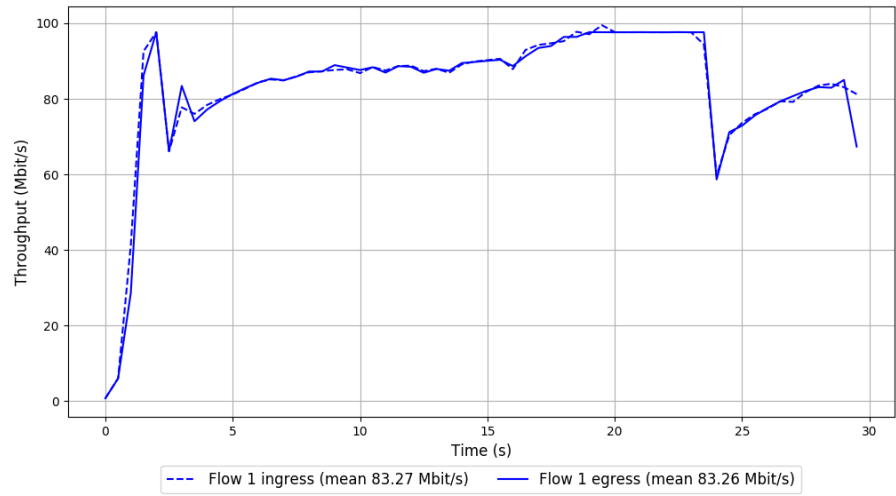
-- Flow 1:

Average throughput: 83.26 Mbit/s

95th percentile per-packet one-way delay: 97.714 ms

Loss rate: 0.57%

Run 4: Report of TCP Cubic — Data Link

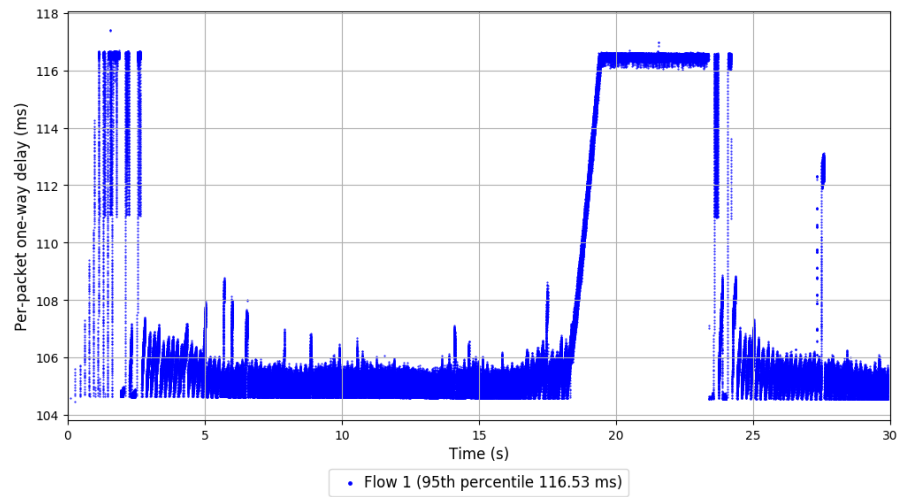
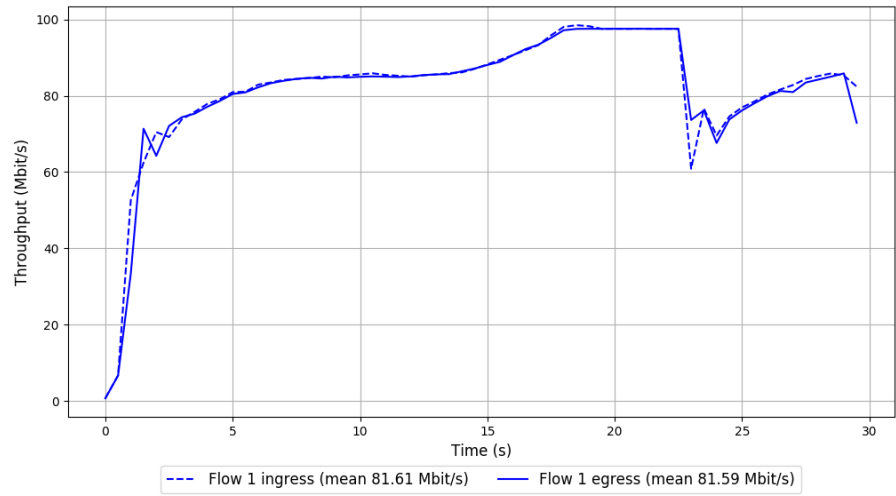


Run 5: Statistics of TCP Cubic

Start at: 2018-02-15 23:31:48
End at: 2018-02-15 23:32:18
Local clock offset: 9.269 ms
Remote clock offset: -3.702 ms

Below is generated by plot.py at 2018-02-16 05:25:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.59 Mbit/s
95th percentile per-packet one-way delay: 116.535 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 81.59 Mbit/s
95th percentile per-packet one-way delay: 116.535 ms
Loss rate: 0.59%

Run 5: Report of TCP Cubic — Data Link

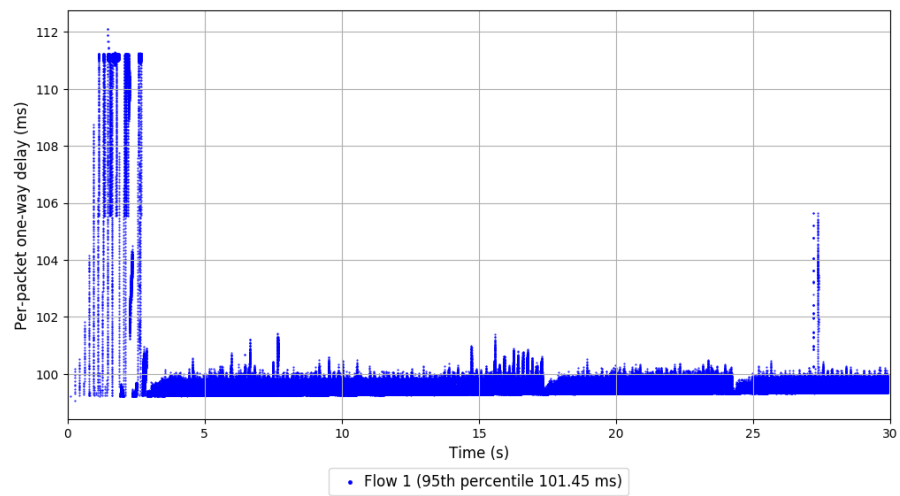
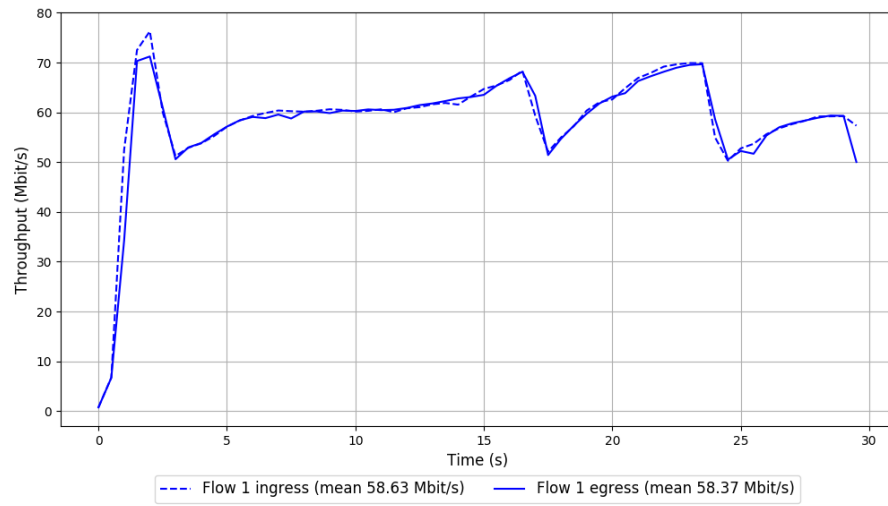


Run 6: Statistics of TCP Cubic

Start at: 2018-02-15 23:53:49
End at: 2018-02-15 23:54:19
Local clock offset: 1.85 ms
Remote clock offset: -3.904 ms

Below is generated by plot.py at 2018-02-16 05:25:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.37 Mbit/s
95th percentile per-packet one-way delay: 101.453 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 58.37 Mbit/s
95th percentile per-packet one-way delay: 101.453 ms
Loss rate: 0.99%

Run 6: Report of TCP Cubic — Data Link

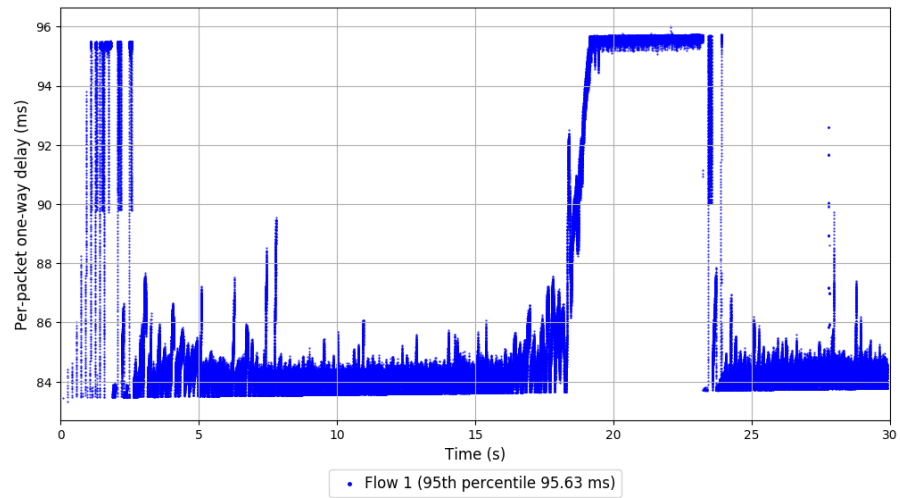
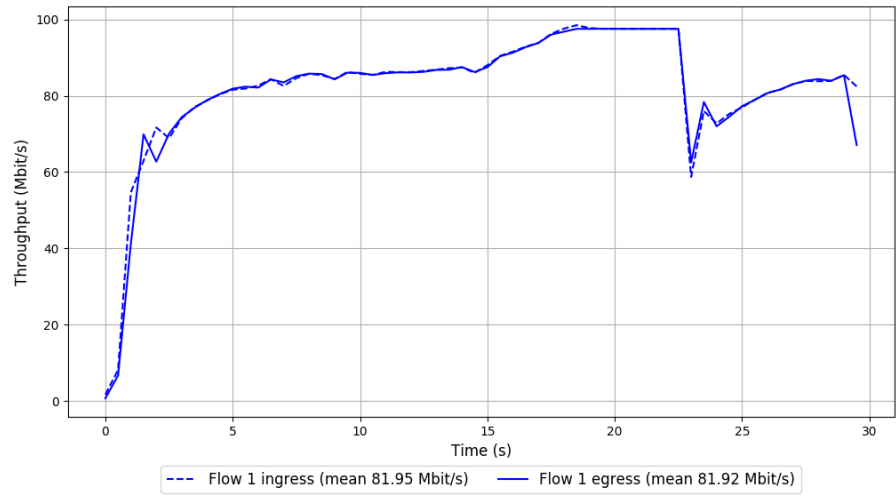


Run 7: Statistics of TCP Cubic

Start at: 2018-02-16 00:15:48
End at: 2018-02-16 00:16:18
Local clock offset: -28.677 ms
Remote clock offset: -3.936 ms

Below is generated by plot.py at 2018-02-16 05:26:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.92 Mbit/s
95th percentile per-packet one-way delay: 95.633 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 81.92 Mbit/s
95th percentile per-packet one-way delay: 95.633 ms
Loss rate: 0.58%

Run 7: Report of TCP Cubic — Data Link

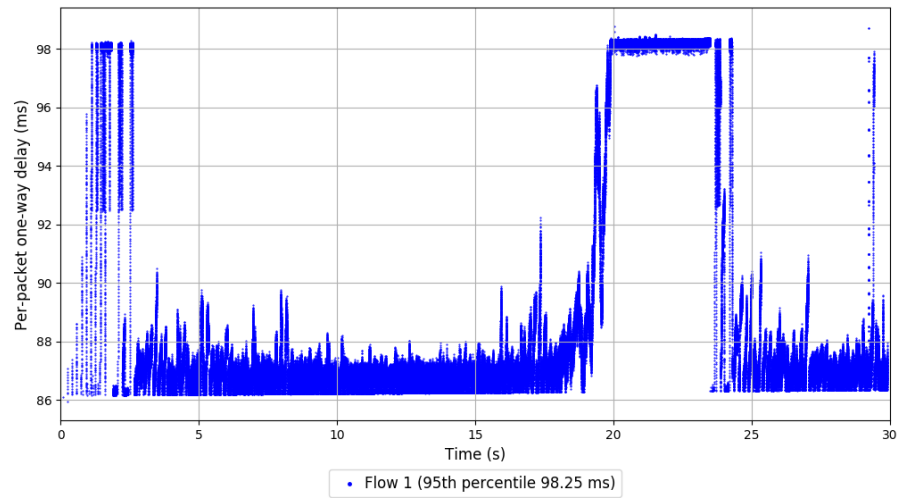
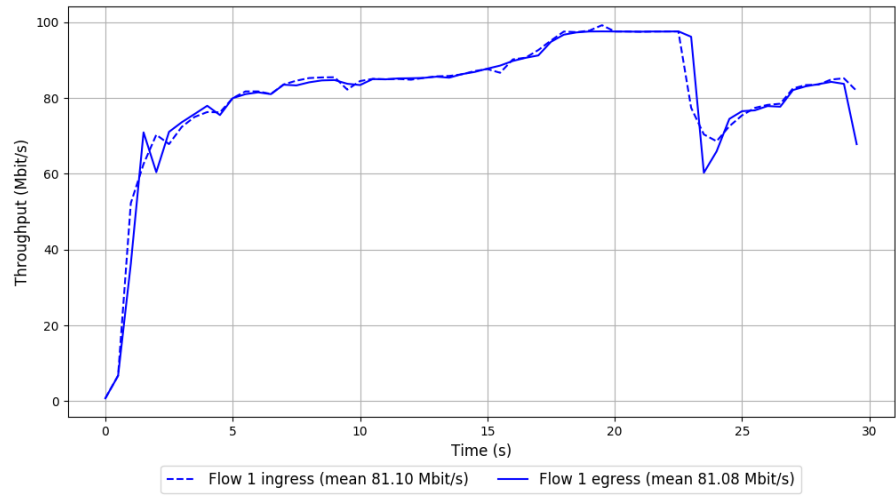


Run 8: Statistics of TCP Cubic

Start at: 2018-02-16 00:37:48
End at: 2018-02-16 00:38:18
Local clock offset: -39.853 ms
Remote clock offset: -6.173 ms

Below is generated by plot.py at 2018-02-16 05:26:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.08 Mbit/s
95th percentile per-packet one-way delay: 98.246 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 81.08 Mbit/s
95th percentile per-packet one-way delay: 98.246 ms
Loss rate: 0.59%

Run 8: Report of TCP Cubic — Data Link

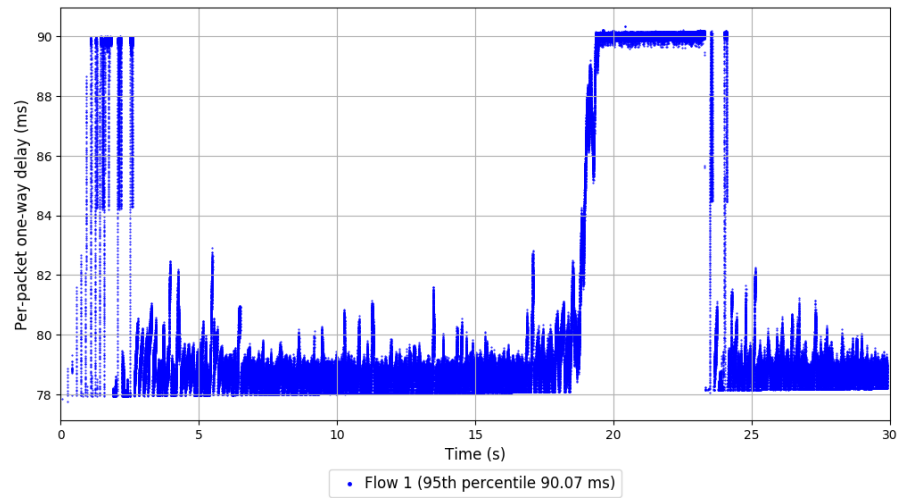
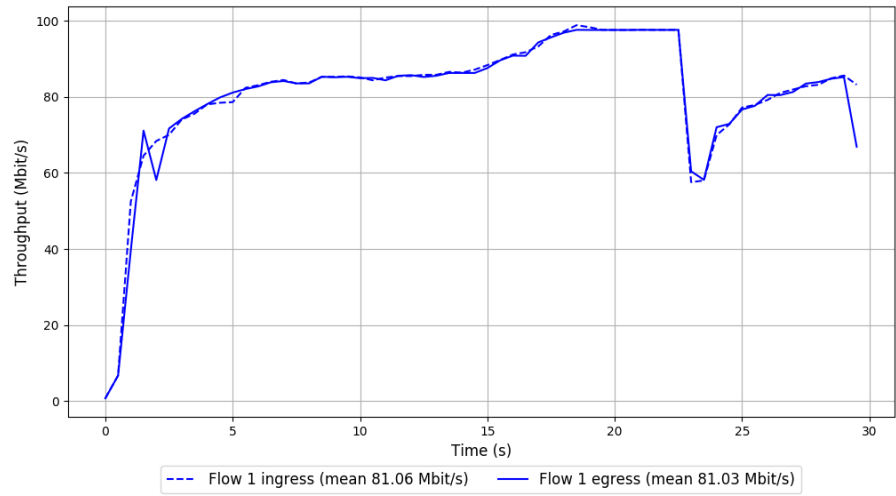


Run 9: Statistics of TCP Cubic

Start at: 2018-02-16 00:59:52
End at: 2018-02-16 01:00:22
Local clock offset: -48.903 ms
Remote clock offset: 1.185 ms

Below is generated by plot.py at 2018-02-16 05:26:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.03 Mbit/s
95th percentile per-packet one-way delay: 90.073 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 81.03 Mbit/s
95th percentile per-packet one-way delay: 90.073 ms
Loss rate: 0.59%

Run 9: Report of TCP Cubic — Data Link

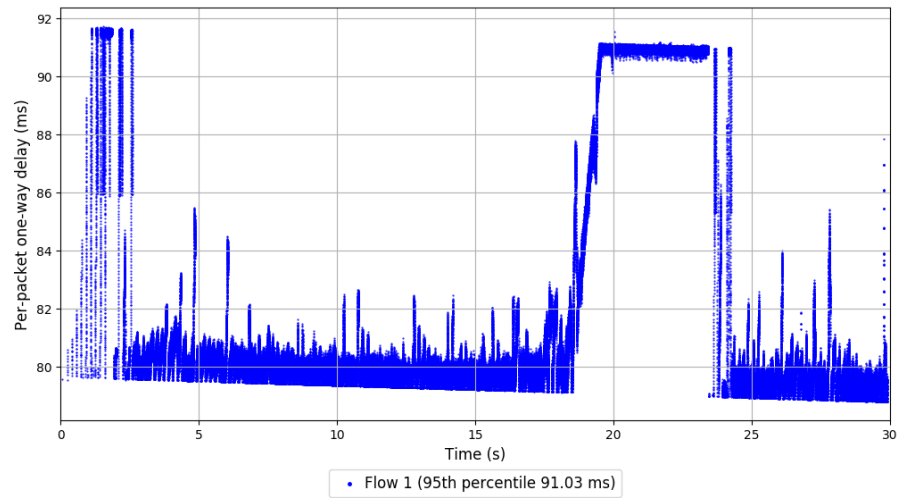
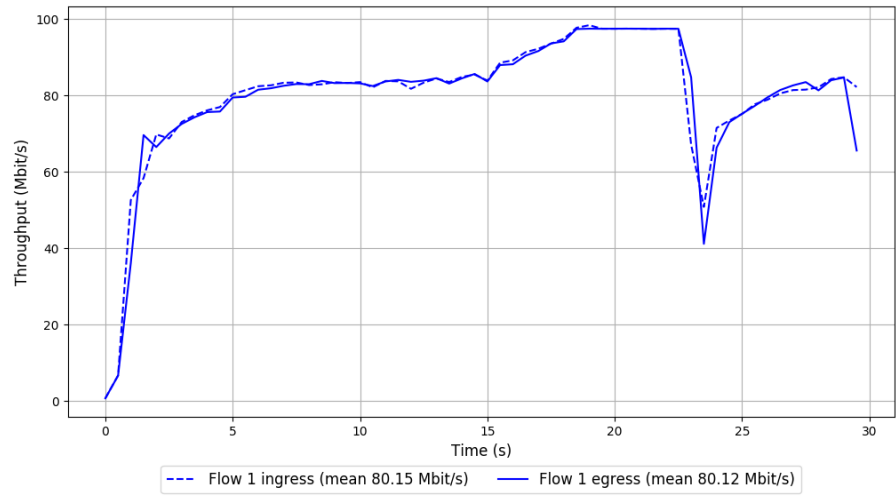


Run 10: Statistics of TCP Cubic

Start at: 2018-02-16 01:21:49
End at: 2018-02-16 01:22:19
Local clock offset: -13.358 ms
Remote clock offset: 1.836 ms

Below is generated by plot.py at 2018-02-16 05:26:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.12 Mbit/s
95th percentile per-packet one-way delay: 91.025 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 80.12 Mbit/s
95th percentile per-packet one-way delay: 91.025 ms
Loss rate: 0.60%

Run 10: Report of TCP Cubic — Data Link

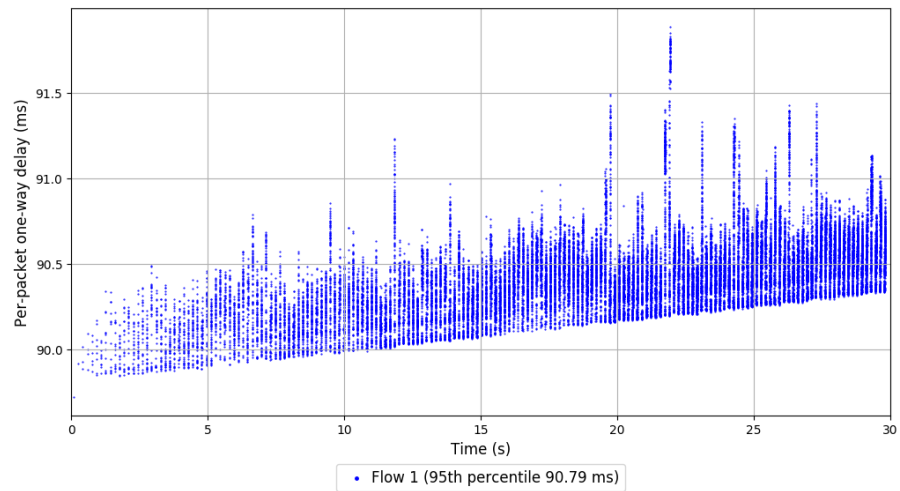
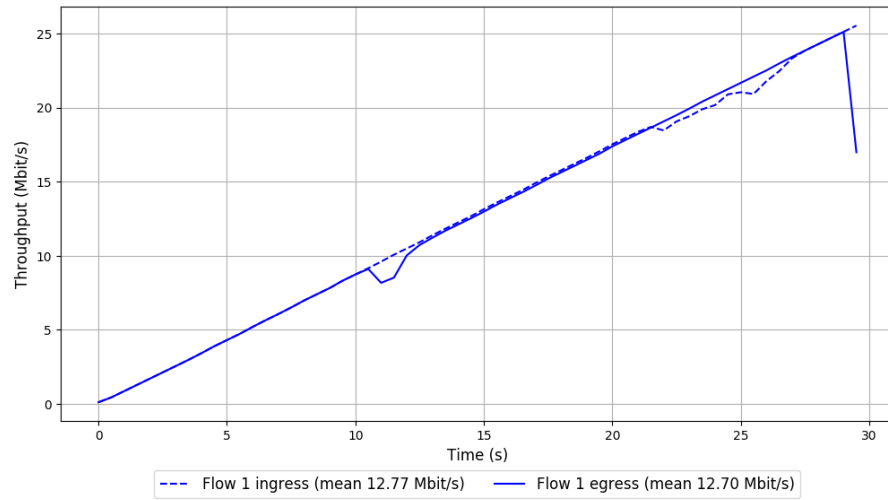


```
Run 1: Statistics of LEDBAT

Start at: 2018-02-15 22:13:24
End at: 2018-02-15 22:13:54
Local clock offset: -17.613 ms
Remote clock offset: -2.929 ms

# Below is generated by plot.py at 2018-02-16 05:26:27
# Datalink statistics
-- Total of 1 flow:
Average throughput: 12.70 Mbit/s
95th percentile per-packet one-way delay: 90.791 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 12.70 Mbit/s
95th percentile per-packet one-way delay: 90.791 ms
Loss rate: 1.12%
```


Run 1: Report of LEDBAT — Data Link

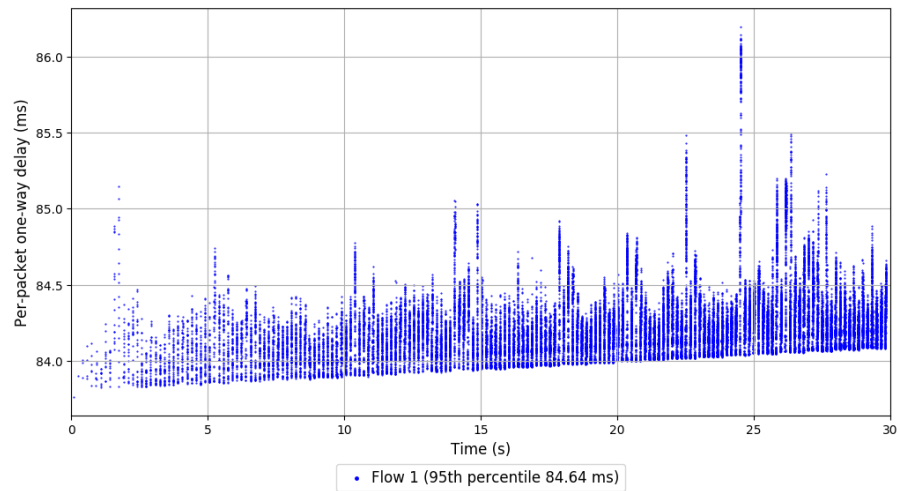
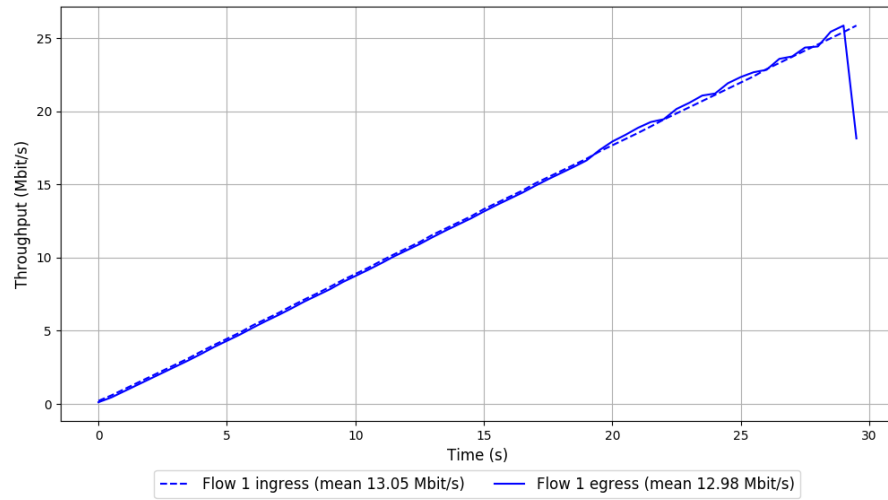


Run 2: Statistics of LEDBAT

Start at: 2018-02-15 22:35:34
End at: 2018-02-15 22:36:04
Local clock offset: -23.607 ms
Remote clock offset: -1.462 ms

Below is generated by plot.py at 2018-02-16 05:26:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.98 Mbit/s
95th percentile per-packet one-way delay: 84.637 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 12.98 Mbit/s
95th percentile per-packet one-way delay: 84.637 ms
Loss rate: 1.11%

Run 2: Report of LEDBAT — Data Link

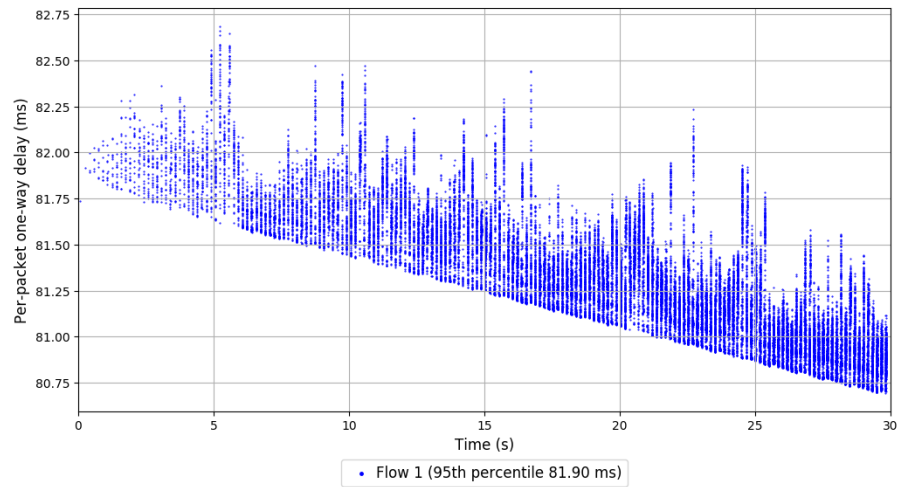
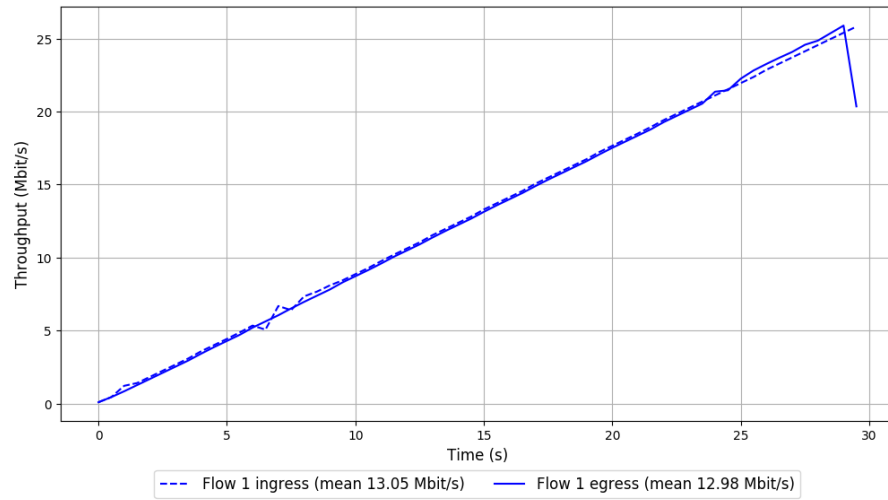


Run 3: Statistics of LEDBAT

Start at: 2018-02-15 22:57:37
End at: 2018-02-15 22:58:07
Local clock offset: -24.883 ms
Remote clock offset: -0.783 ms

Below is generated by plot.py at 2018-02-16 05:26:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.98 Mbit/s
95th percentile per-packet one-way delay: 81.896 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 12.98 Mbit/s
95th percentile per-packet one-way delay: 81.896 ms
Loss rate: 1.11%

Run 3: Report of LEDBAT — Data Link

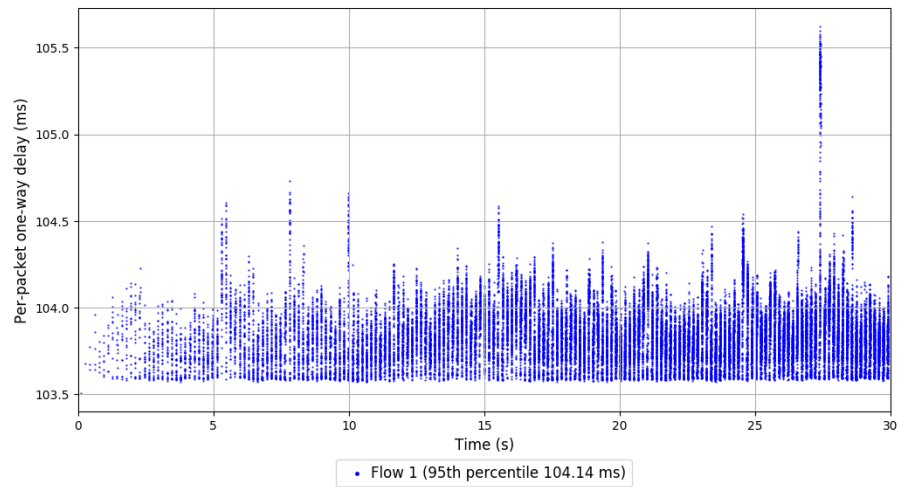
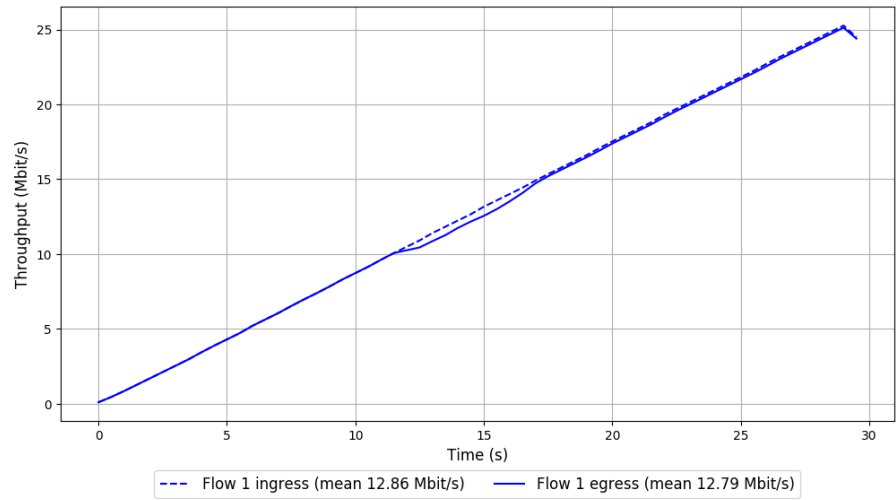


Run 4: Statistics of LEDBAT

Start at: 2018-02-15 23:19:38
End at: 2018-02-15 23:20:08
Local clock offset: 8.191 ms
Remote clock offset: -3.393 ms

Below is generated by plot.py at 2018-02-16 05:26:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.79 Mbit/s
95th percentile per-packet one-way delay: 104.138 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 12.79 Mbit/s
95th percentile per-packet one-way delay: 104.138 ms
Loss rate: 1.11%

Run 4: Report of LEDBAT — Data Link

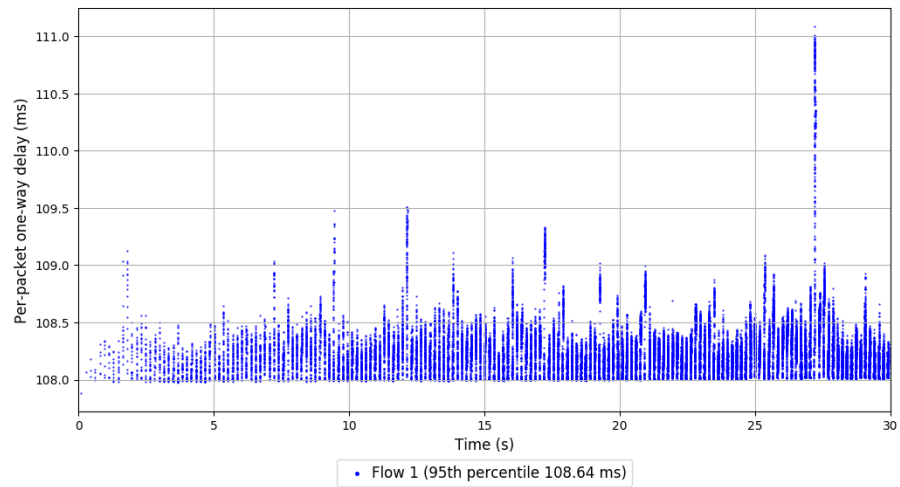
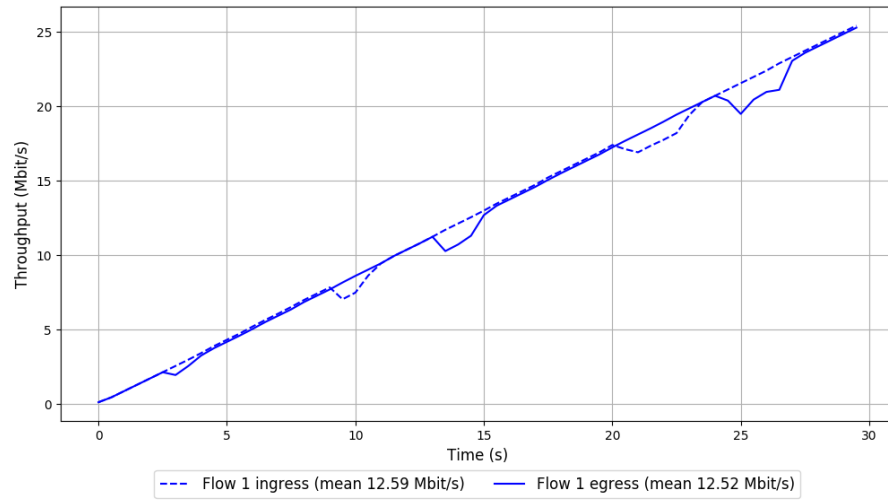


Run 5: Statistics of LEDBAT

Start at: 2018-02-15 23:41:37
End at: 2018-02-15 23:42:07
Local clock offset: 10.857 ms
Remote clock offset: -4.826 ms

Below is generated by plot.py at 2018-02-16 05:26:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.52 Mbit/s
95th percentile per-packet one-way delay: 108.638 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 12.52 Mbit/s
95th percentile per-packet one-way delay: 108.638 ms
Loss rate: 1.13%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-02-16 00:03:38

End at: 2018-02-16 00:04:08

Local clock offset: -0.325 ms

Remote clock offset: 1.034 ms

Below is generated by plot.py at 2018-02-16 05:26:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 12.69 Mbit/s

95th percentile per-packet one-way delay: 98.518 ms

Loss rate: 1.11%

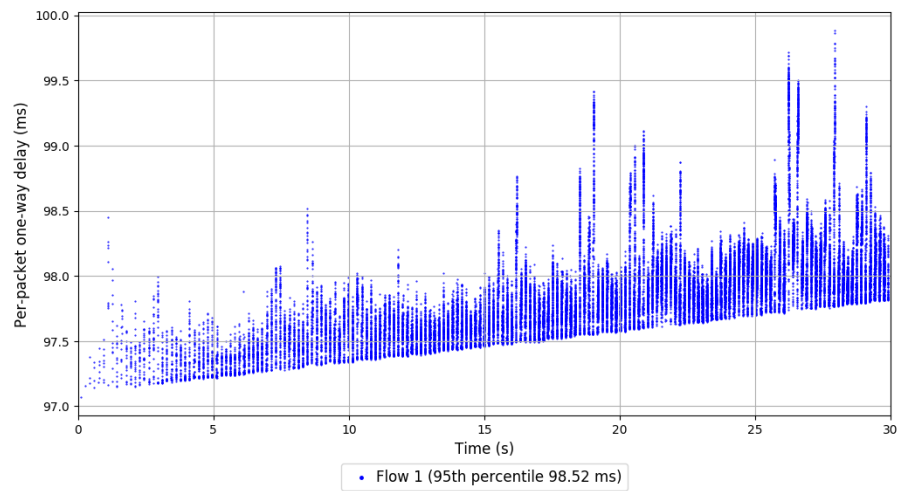
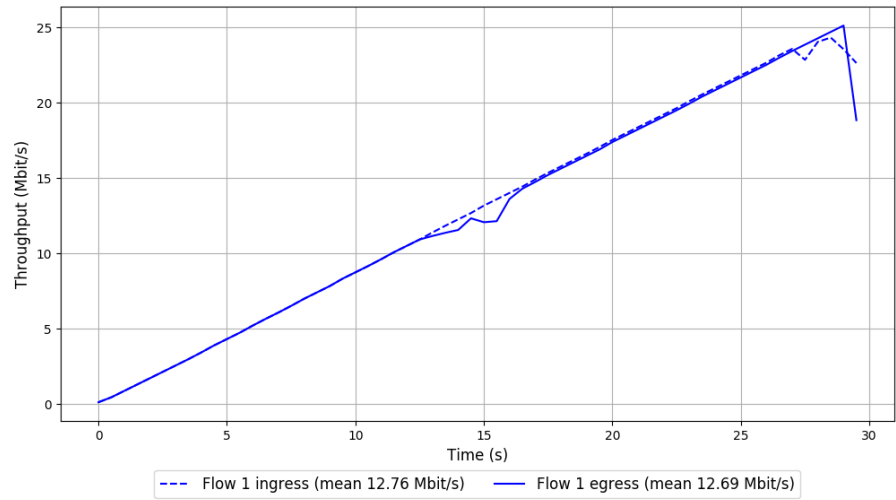
-- Flow 1:

Average throughput: 12.69 Mbit/s

95th percentile per-packet one-way delay: 98.518 ms

Loss rate: 1.11%

Run 6: Report of LEDBAT — Data Link

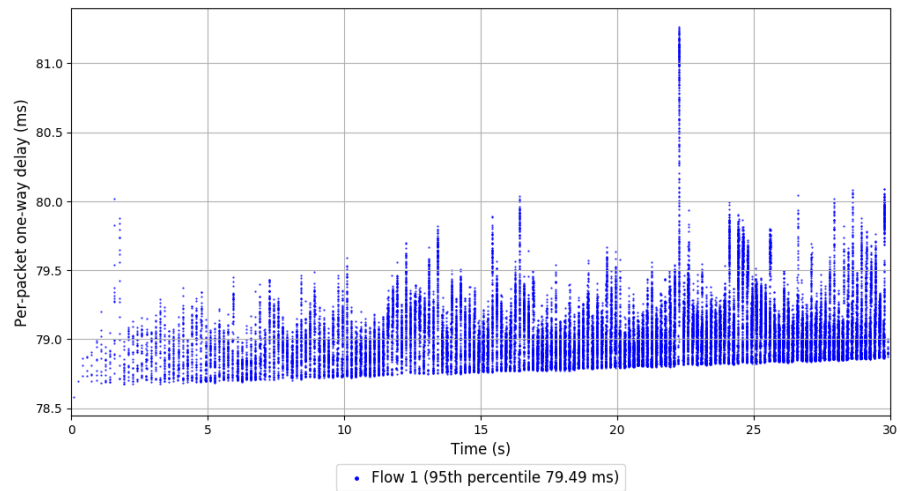
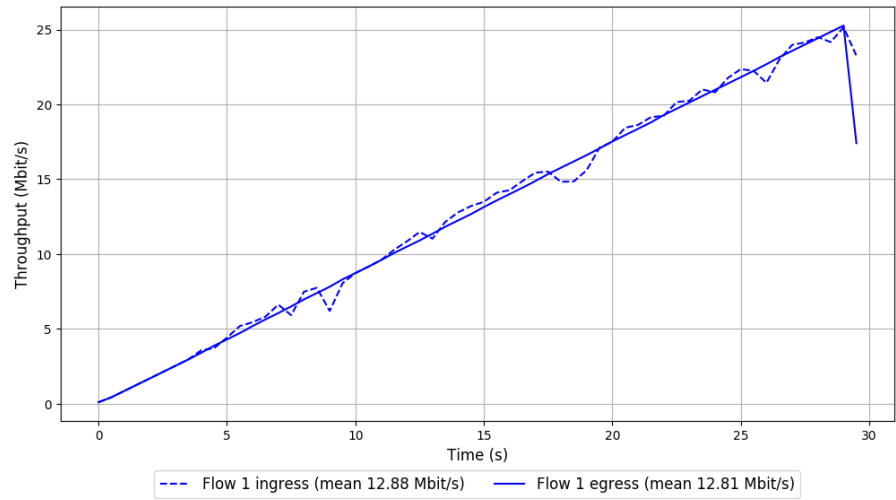


Run 7: Statistics of LEDBAT

Start at: 2018-02-16 00:25:38
End at: 2018-02-16 00:26:08
Local clock offset: -34.357 ms
Remote clock offset: 0.168 ms

Below is generated by plot.py at 2018-02-16 05:26:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 79.491 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 79.491 ms
Loss rate: 1.08%

Run 7: Report of LEDBAT — Data Link

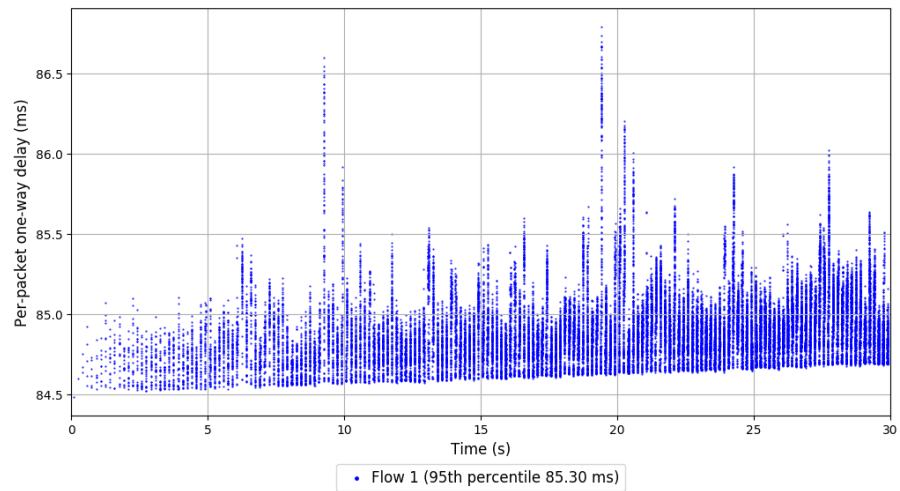
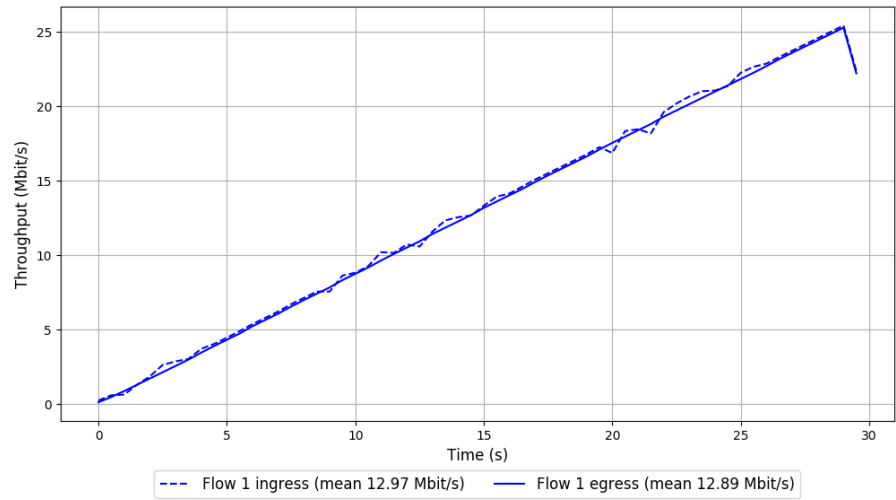


Run 8: Statistics of LEDBAT

Start at: 2018-02-16 00:47:39
End at: 2018-02-16 00:48:09
Local clock offset: -43.855 ms
Remote clock offset: -6.471 ms

Below is generated by plot.py at 2018-02-16 05:26:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.89 Mbit/s
95th percentile per-packet one-way delay: 85.296 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 12.89 Mbit/s
95th percentile per-packet one-way delay: 85.296 ms
Loss rate: 1.11%

Run 8: Report of LEDBAT — Data Link

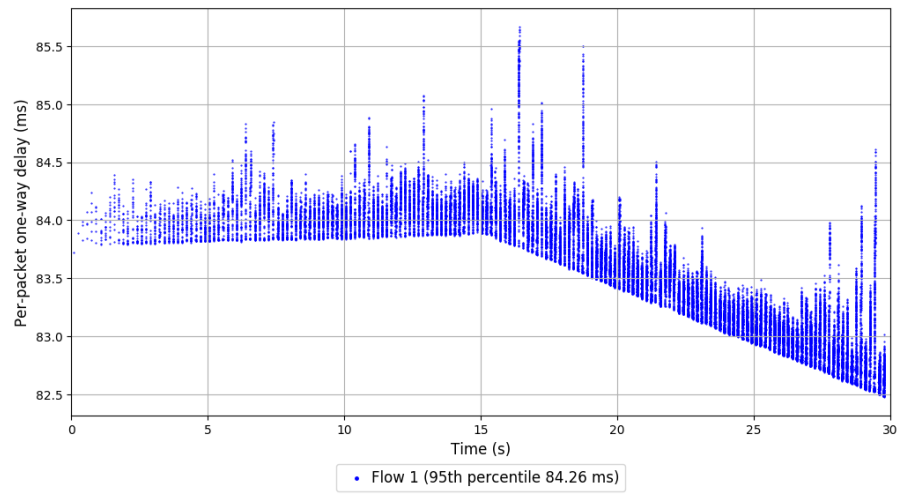
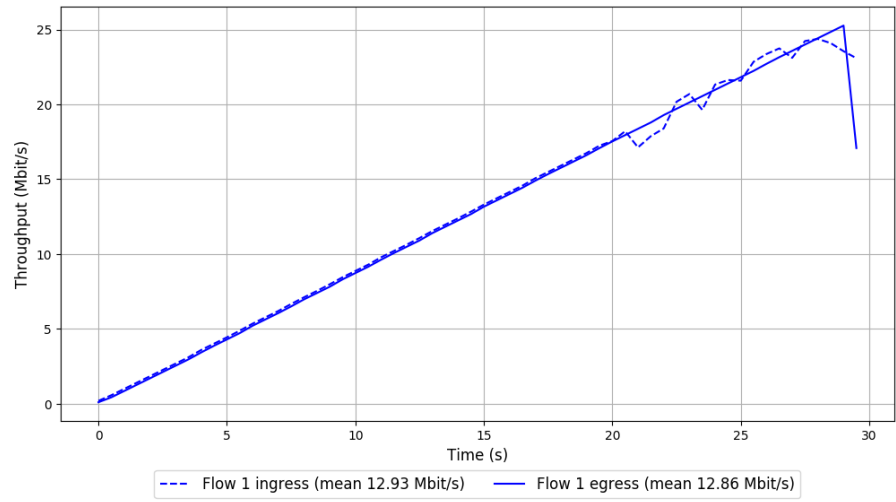


Run 9: Statistics of LEDBAT

Start at: 2018-02-16 01:09:36
End at: 2018-02-16 01:10:06
Local clock offset: -52.729 ms
Remote clock offset: -3.417 ms

Below is generated by plot.py at 2018-02-16 05:26:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.86 Mbit/s
95th percentile per-packet one-way delay: 84.262 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 12.86 Mbit/s
95th percentile per-packet one-way delay: 84.262 ms
Loss rate: 1.11%

Run 9: Report of LEDBAT — Data Link

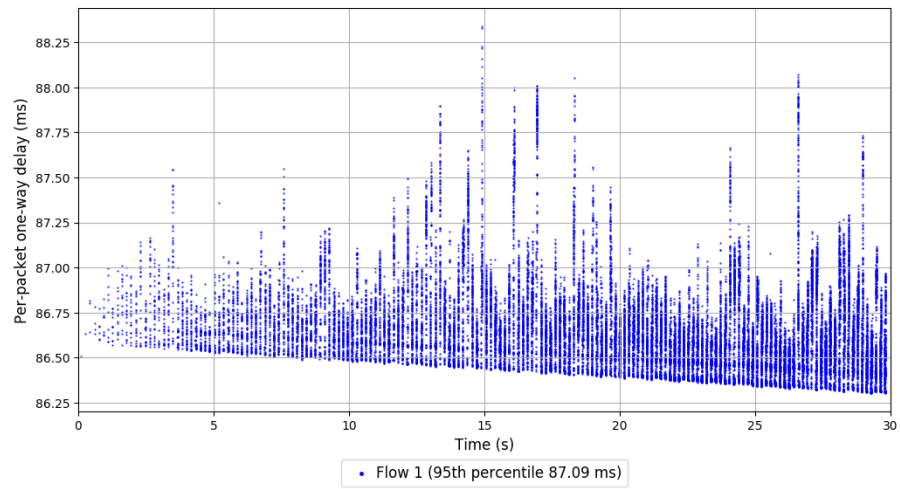
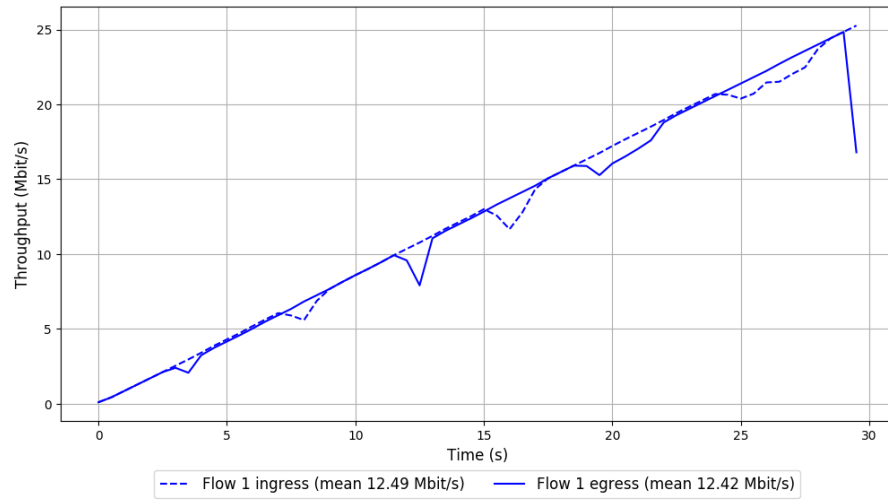


Run 10: Statistics of LEDBAT

Start at: 2018-02-16 01:31:39
End at: 2018-02-16 01:32:09
Local clock offset: -0.627 ms
Remote clock offset: -1.771 ms

Below is generated by plot.py at 2018-02-16 05:26:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.42 Mbit/s
95th percentile per-packet one-way delay: 87.089 ms
Loss rate: 1.13%
-- Flow 1:
Average throughput: 12.42 Mbit/s
95th percentile per-packet one-way delay: 87.089 ms
Loss rate: 1.13%

Run 10: Report of LEDBAT — Data Link

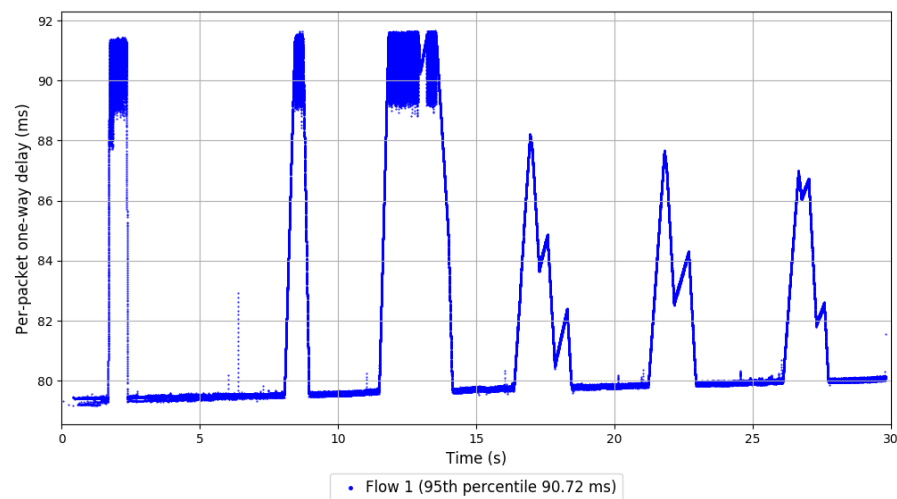
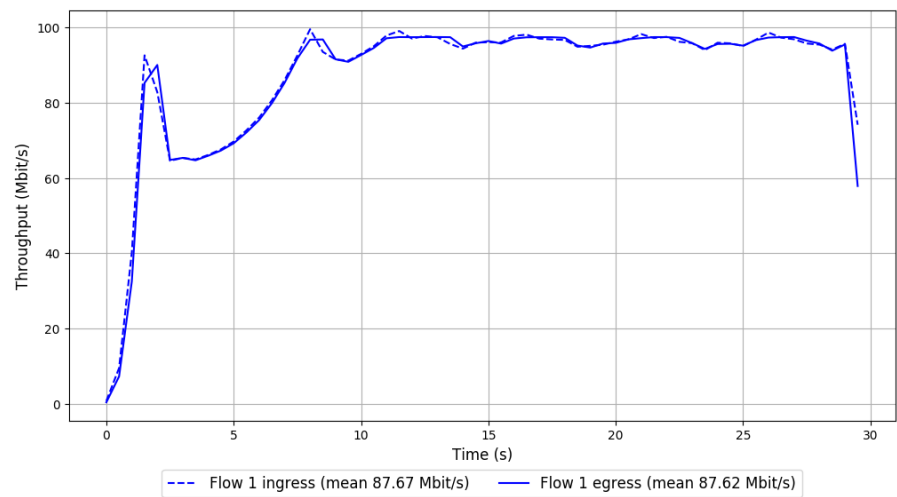


Run 1: Statistics of PCC

Start at: 2018-02-15 21:59:51
End at: 2018-02-15 22:00:21
Local clock offset: -16.257 ms
Remote clock offset: 2.215 ms

Below is generated by plot.py at 2018-02-16 05:27:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.62 Mbit/s
95th percentile per-packet one-way delay: 90.724 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 87.62 Mbit/s
95th percentile per-packet one-way delay: 90.724 ms
Loss rate: 0.61%

Run 1: Report of PCC — Data Link

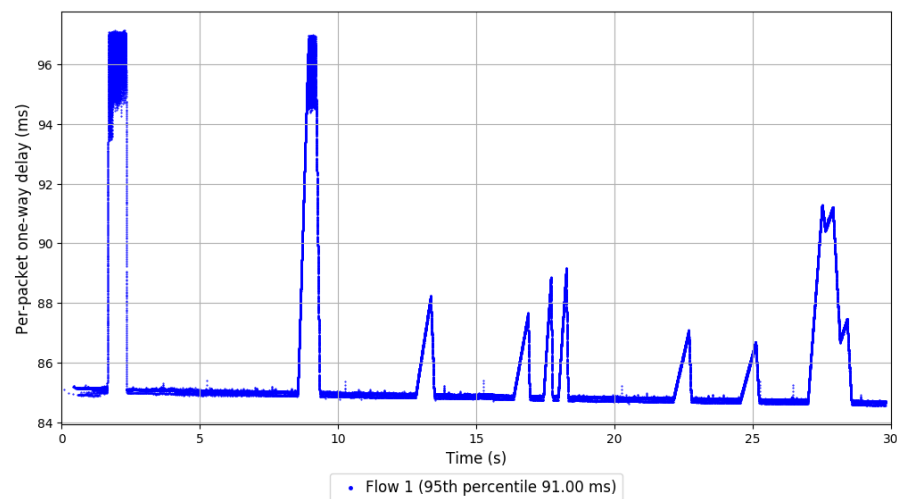
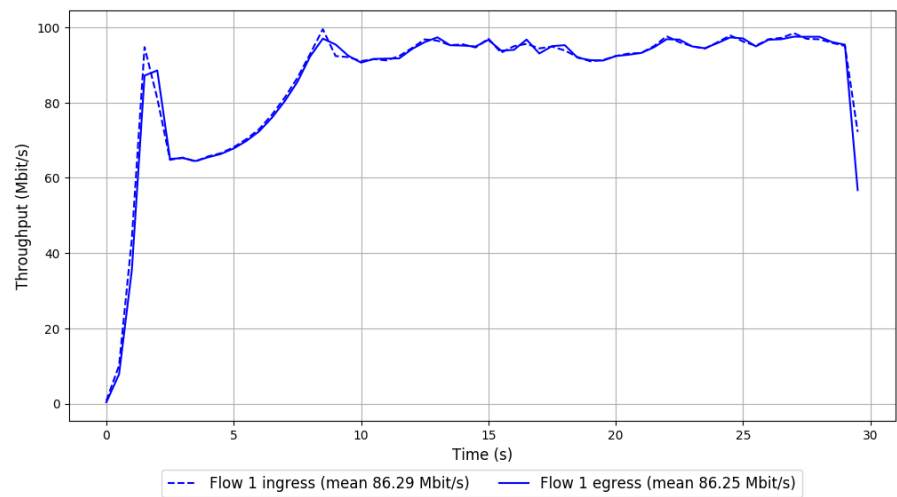


Run 2: Statistics of PCC

Start at: 2018-02-15 22:21:56
End at: 2018-02-15 22:22:26
Local clock offset: -24.921 ms
Remote clock offset: -2.712 ms

Below is generated by plot.py at 2018-02-16 05:27:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.25 Mbit/s
95th percentile per-packet one-way delay: 91.001 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 86.25 Mbit/s
95th percentile per-packet one-way delay: 91.001 ms
Loss rate: 0.61%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2018-02-15 22:44:07

End at: 2018-02-15 22:44:37

Local clock offset: -29.41 ms

Remote clock offset: 2.811 ms

Below is generated by plot.py at 2018-02-16 05:27:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.21 Mbit/s

95th percentile per-packet one-way delay: 92.271 ms

Loss rate: 0.62%

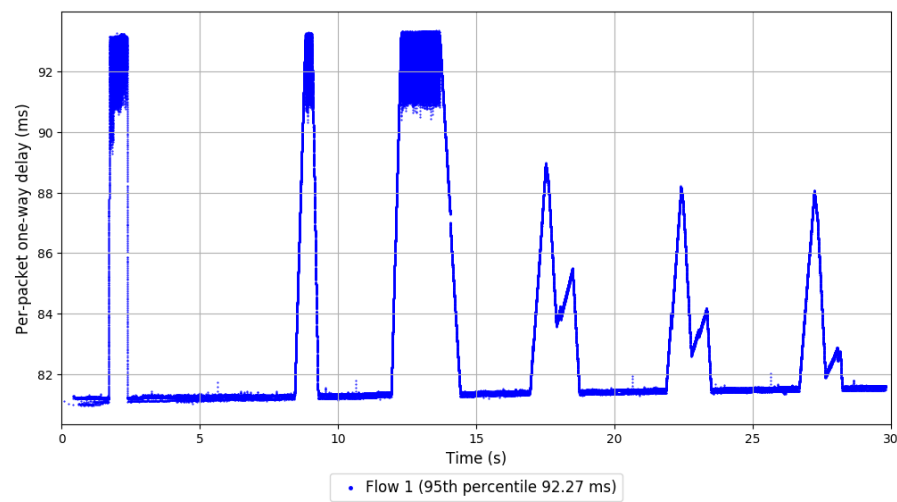
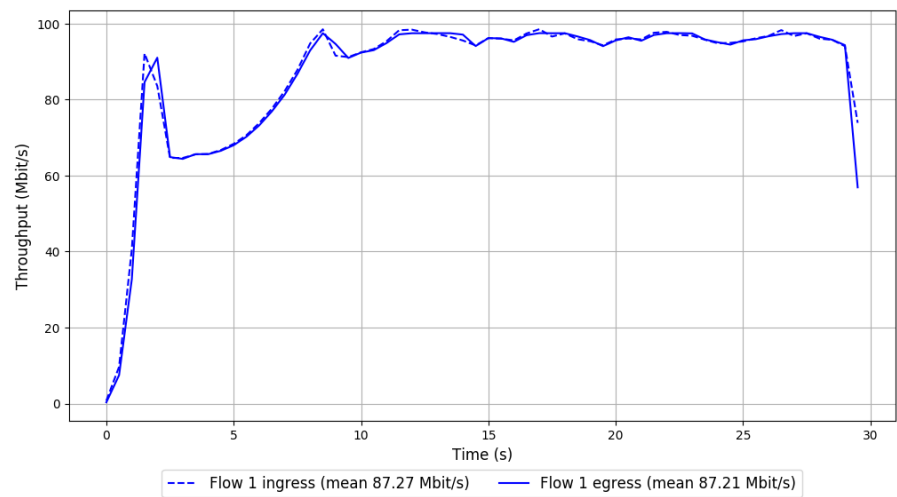
-- Flow 1:

Average throughput: 87.21 Mbit/s

95th percentile per-packet one-way delay: 92.271 ms

Loss rate: 0.62%

Run 3: Report of PCC — Data Link

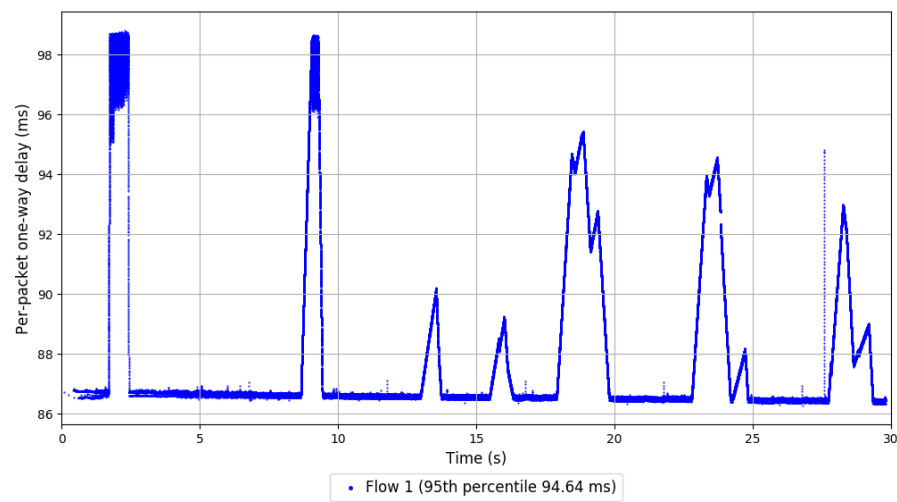
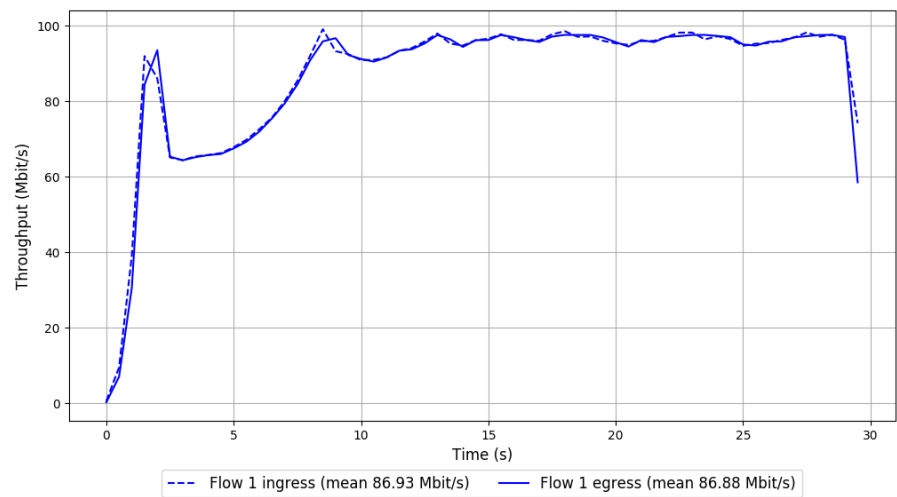


Run 4: Statistics of PCC

Start at: 2018-02-15 23:06:07
End at: 2018-02-15 23:06:37
Local clock offset: -11.972 ms
Remote clock offset: -1.45 ms

Below is generated by plot.py at 2018-02-16 05:27:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.88 Mbit/s
95th percentile per-packet one-way delay: 94.643 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 86.88 Mbit/s
95th percentile per-packet one-way delay: 94.643 ms
Loss rate: 0.62%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2018-02-15 23:28:08

End at: 2018-02-15 23:28:38

Local clock offset: 8.237 ms

Remote clock offset: 0.642 ms

Below is generated by plot.py at 2018-02-16 05:27:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.55 Mbit/s

95th percentile per-packet one-way delay: 109.100 ms

Loss rate: 0.61%

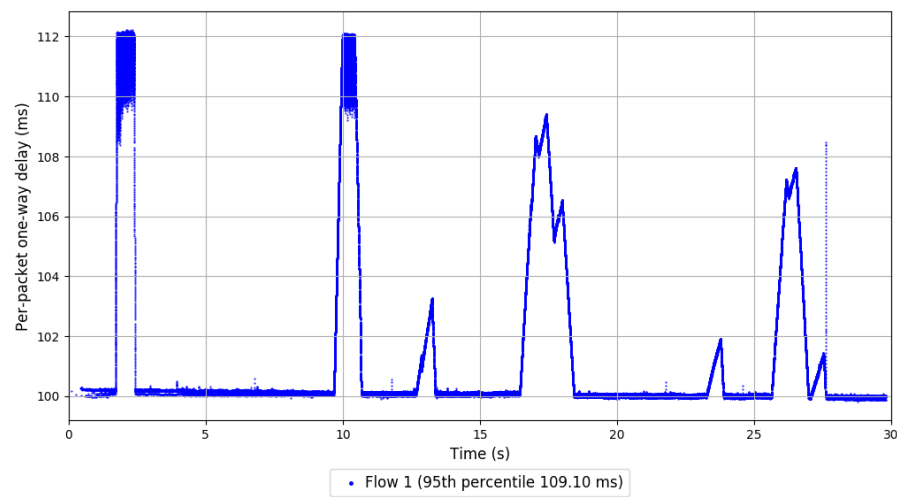
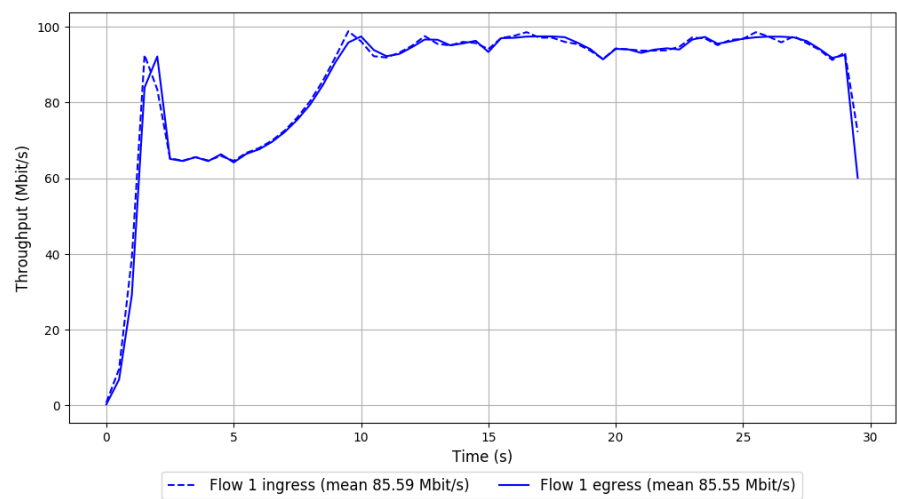
-- Flow 1:

Average throughput: 85.55 Mbit/s

95th percentile per-packet one-way delay: 109.100 ms

Loss rate: 0.61%

Run 5: Report of PCC — Data Link

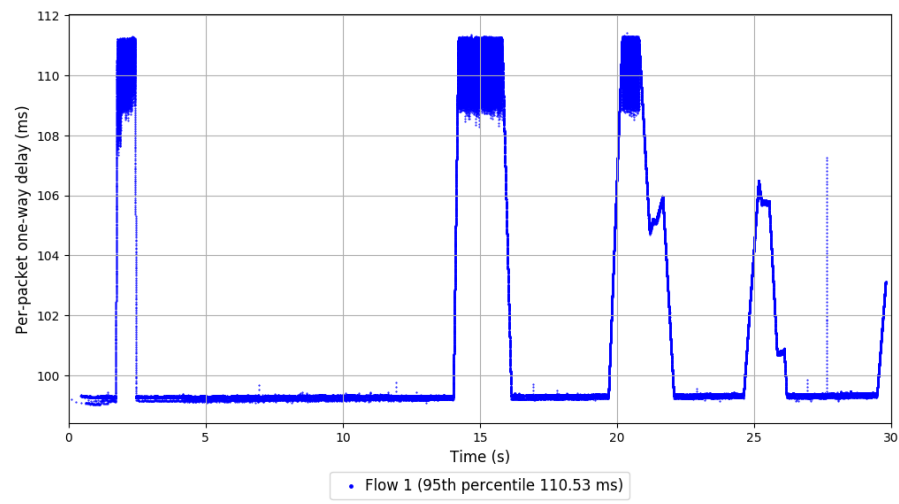
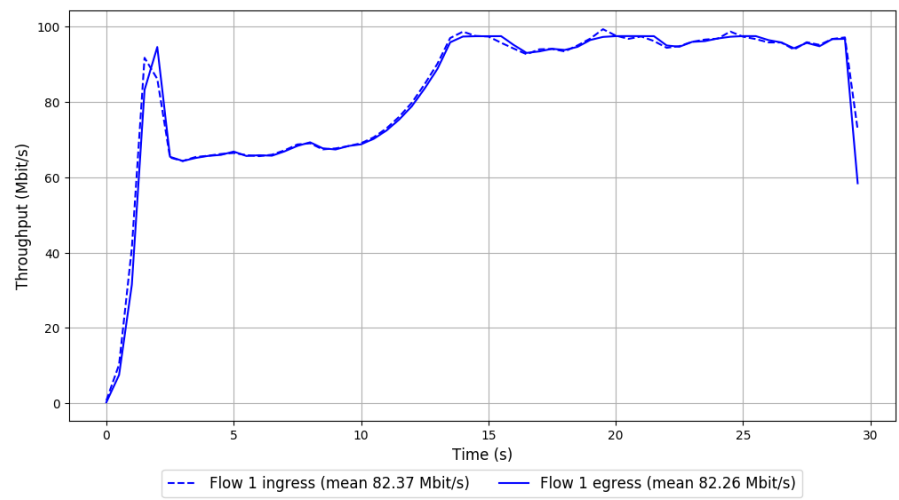


Run 6: Statistics of PCC

Start at: 2018-02-15 23:50:08
End at: 2018-02-15 23:50:38
Local clock offset: 1.131 ms
Remote clock offset: -4.821 ms

Below is generated by plot.py at 2018-02-16 05:27:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.26 Mbit/s
95th percentile per-packet one-way delay: 110.532 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 82.26 Mbit/s
95th percentile per-packet one-way delay: 110.532 ms
Loss rate: 0.69%

Run 6: Report of PCC — Data Link

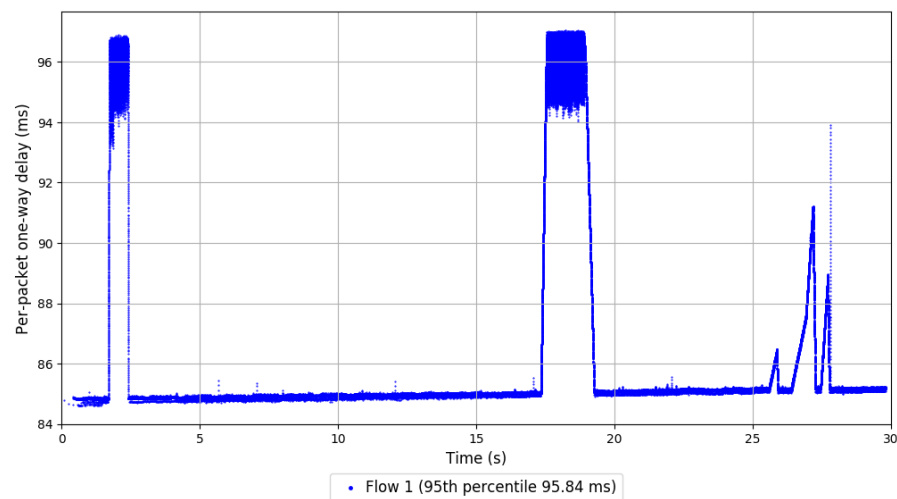
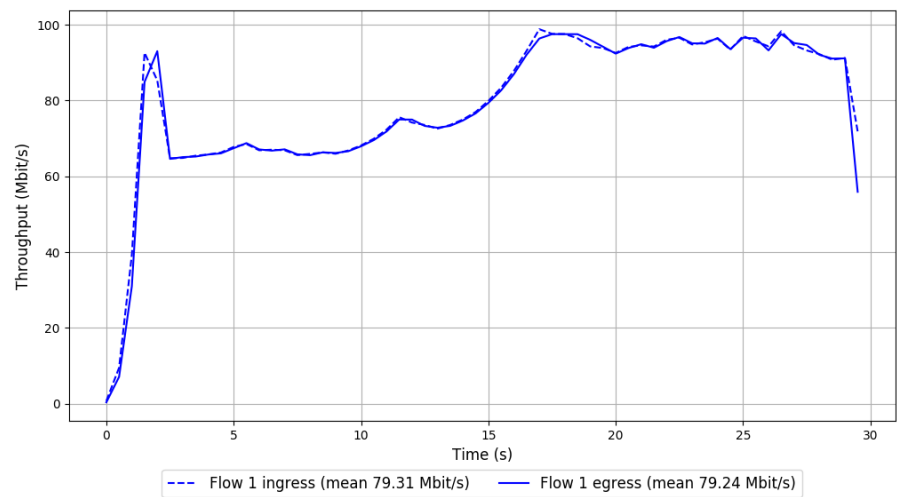


Run 7: Statistics of PCC

Start at: 2018-02-16 00:12:08
End at: 2018-02-16 00:12:38
Local clock offset: -26.029 ms
Remote clock offset: -4.882 ms

Below is generated by plot.py at 2018-02-16 05:27:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.24 Mbit/s
95th percentile per-packet one-way delay: 95.840 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 79.24 Mbit/s
95th percentile per-packet one-way delay: 95.840 ms
Loss rate: 0.66%

Run 7: Report of PCC — Data Link

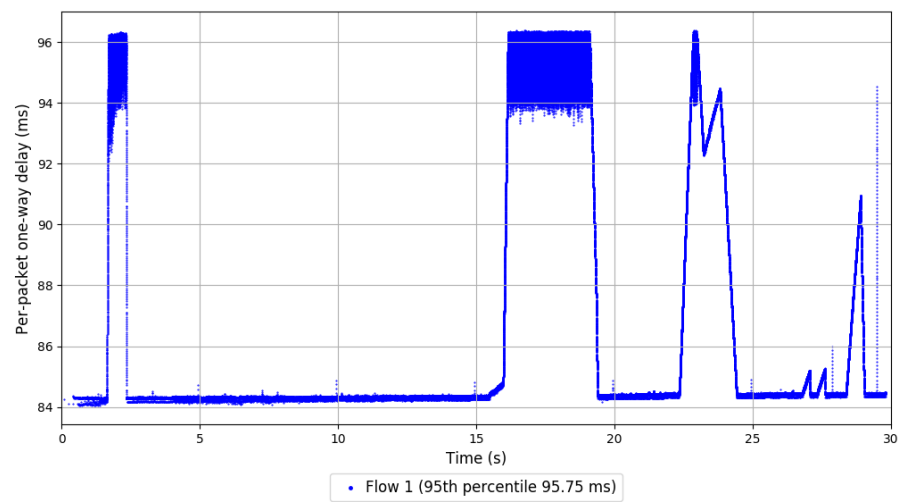
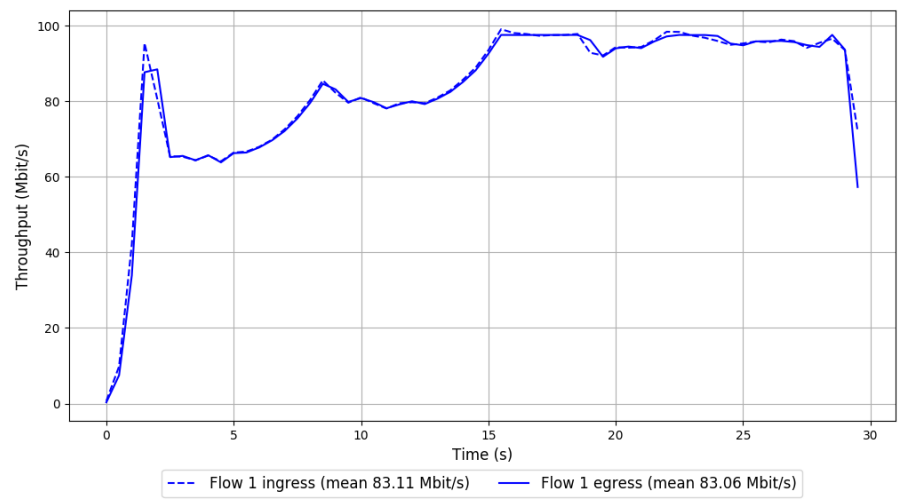


Run 8: Statistics of PCC

Start at: 2018-02-16 00:34:07
End at: 2018-02-16 00:34:37
Local clock offset: -38.174 ms
Remote clock offset: -6.07 ms

Below is generated by plot.py at 2018-02-16 05:27:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.06 Mbit/s
95th percentile per-packet one-way delay: 95.755 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 83.06 Mbit/s
95th percentile per-packet one-way delay: 95.755 ms
Loss rate: 0.62%

Run 8: Report of PCC — Data Link

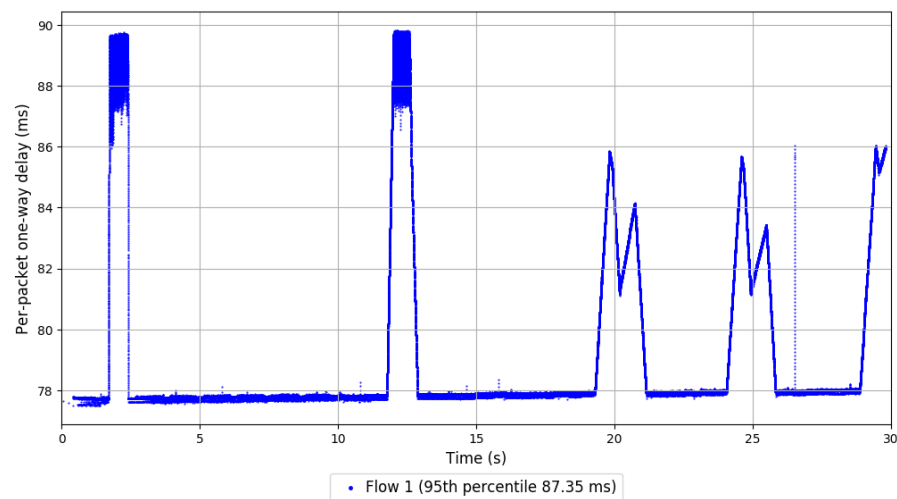
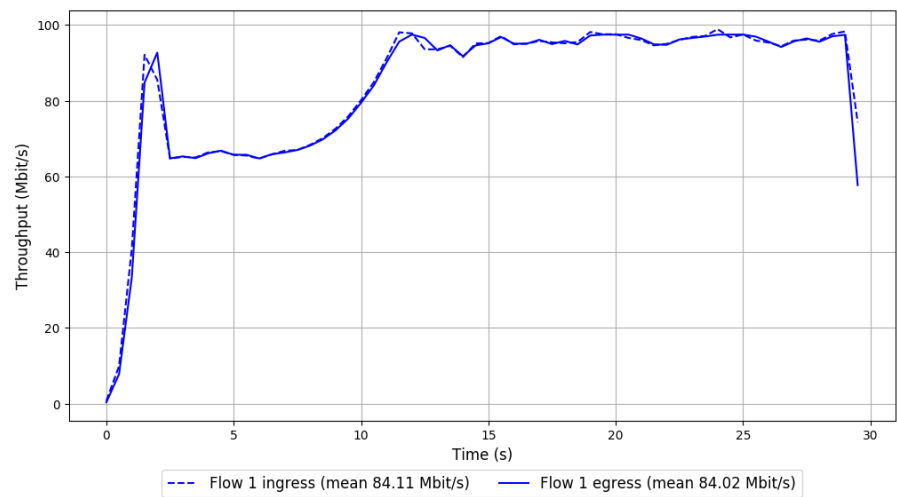


Run 9: Statistics of PCC

Start at: 2018-02-16 00:56:11
End at: 2018-02-16 00:56:41
Local clock offset: -47.397 ms
Remote clock offset: 0.548 ms

Below is generated by plot.py at 2018-02-16 05:28:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.02 Mbit/s
95th percentile per-packet one-way delay: 87.351 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 84.02 Mbit/s
95th percentile per-packet one-way delay: 87.351 ms
Loss rate: 0.66%

Run 9: Report of PCC — Data Link

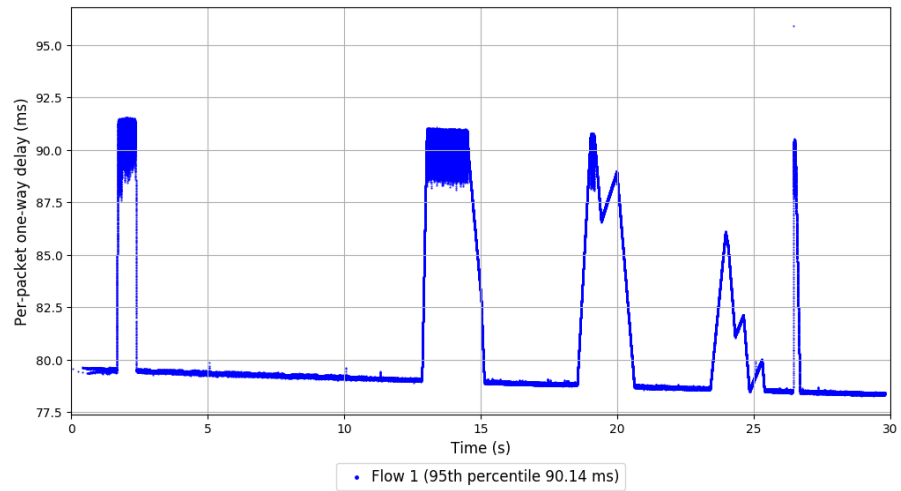
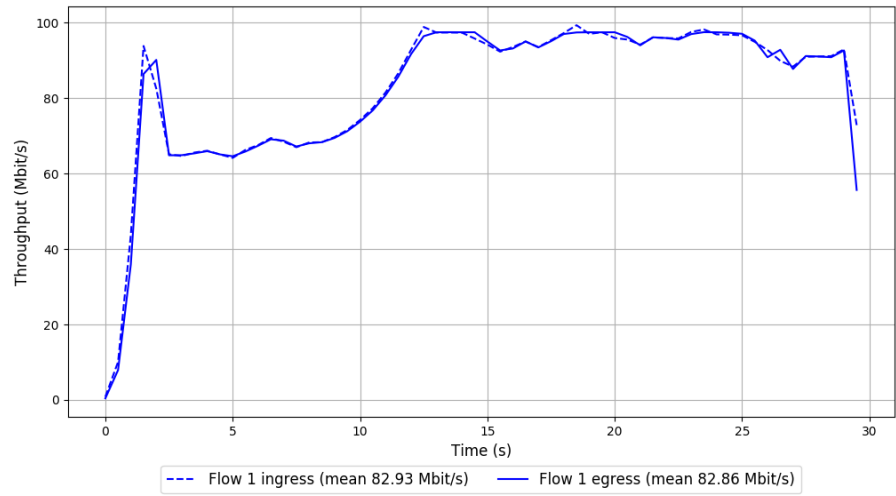


Run 10: Statistics of PCC

Start at: 2018-02-16 01:18:08
End at: 2018-02-16 01:18:38
Local clock offset: -21.208 ms
Remote clock offset: 0.928 ms

Below is generated by plot.py at 2018-02-16 05:28:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.86 Mbit/s
95th percentile per-packet one-way delay: 90.137 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 82.86 Mbit/s
95th percentile per-packet one-way delay: 90.137 ms
Loss rate: 0.64%

Run 10: Report of PCC — Data Link

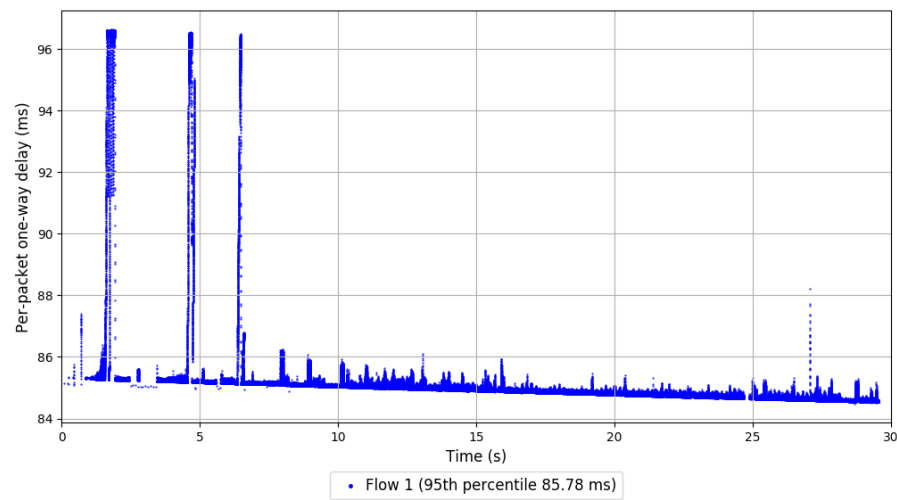
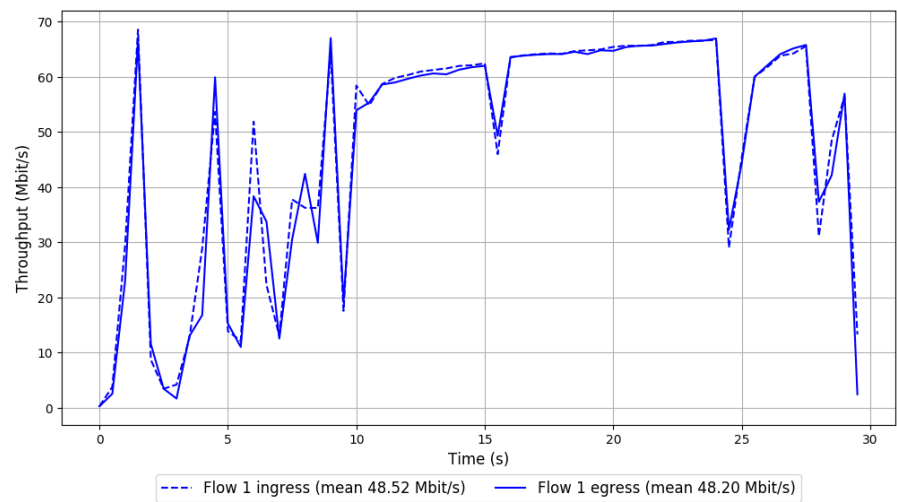


Run 1: Statistics of QUIC Cubic

Start at: 2018-02-15 22:19:26
End at: 2018-02-15 22:19:56
Local clock offset: -27.857 ms
Remote clock offset: -2.75 ms

Below is generated by plot.py at 2018-02-16 05:28:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.20 Mbit/s
95th percentile per-packet one-way delay: 85.785 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 48.20 Mbit/s
95th percentile per-packet one-way delay: 85.785 ms
Loss rate: 1.22%

Run 1: Report of QUIC Cubic — Data Link

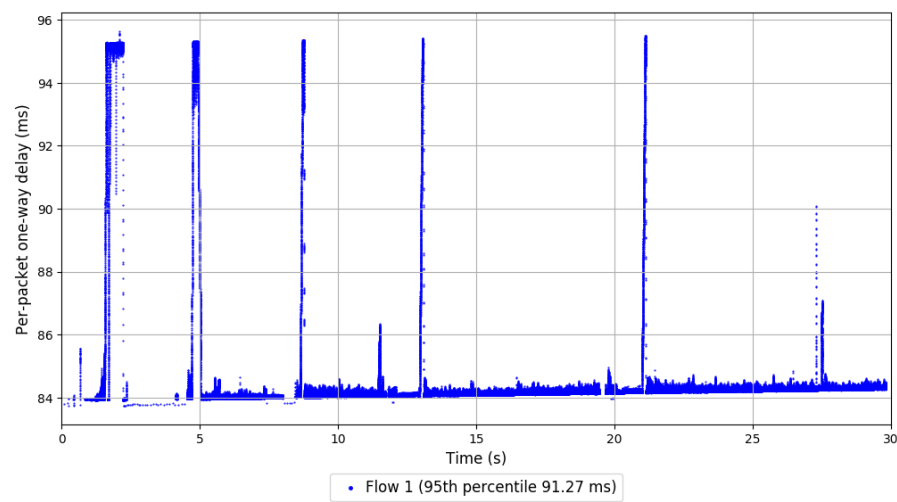
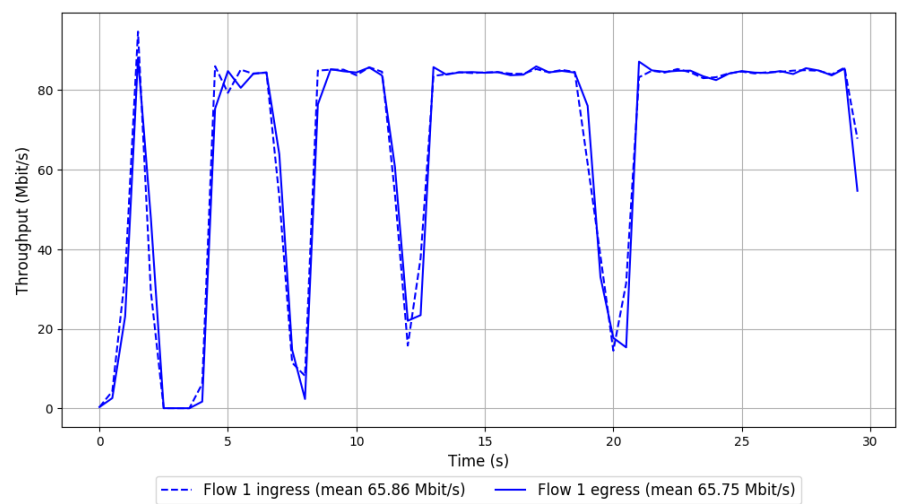


Run 2: Statistics of QUIC Cubic

Start at: 2018-02-15 22:41:37
End at: 2018-02-15 22:42:07
Local clock offset: -27.339 ms
Remote clock offset: -1.249 ms

Below is generated by plot.py at 2018-02-16 05:28:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 65.75 Mbit/s
95th percentile per-packet one-way delay: 91.268 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 65.75 Mbit/s
95th percentile per-packet one-way delay: 91.268 ms
Loss rate: 0.71%

Run 2: Report of QUIC Cubic — Data Link

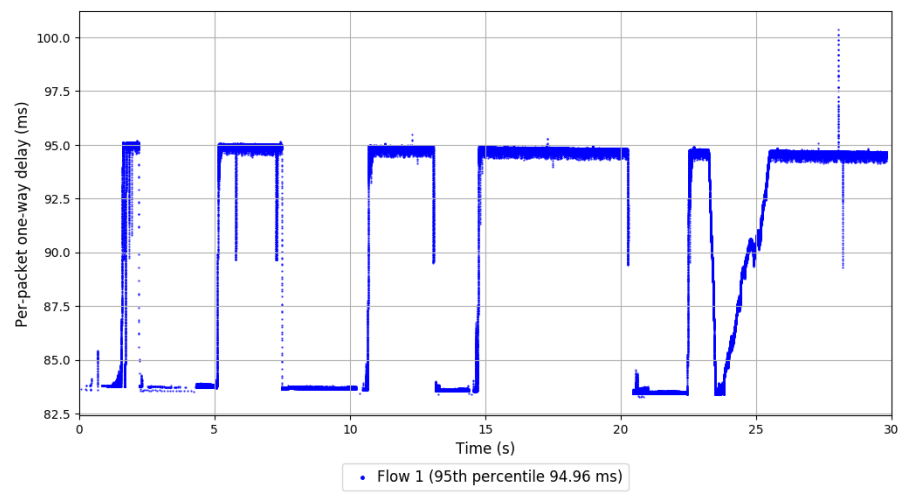
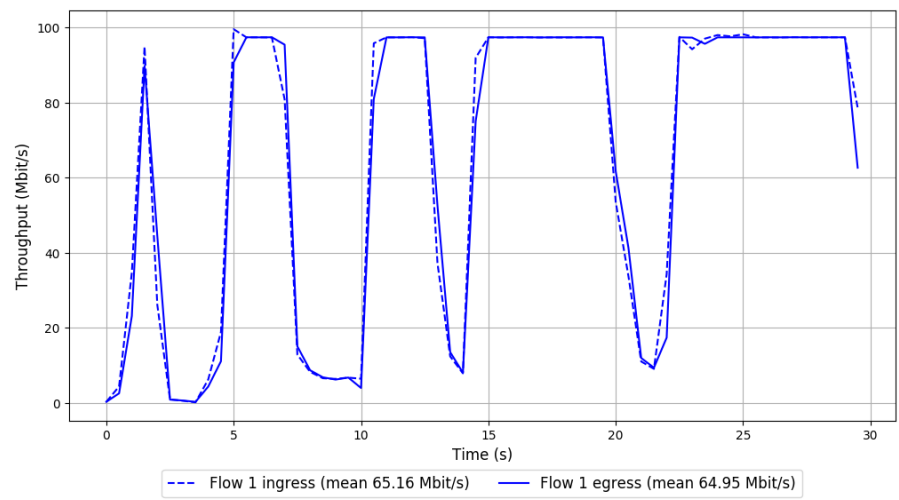


Run 3: Statistics of QUIC Cubic

Start at: 2018-02-15 23:03:38
End at: 2018-02-15 23:04:08
Local clock offset: -14.213 ms
Remote clock offset: -1.593 ms

Below is generated by plot.py at 2018-02-16 05:28:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 64.95 Mbit/s
95th percentile per-packet one-way delay: 94.959 ms
Loss rate: 0.88%
-- Flow 1:
Average throughput: 64.95 Mbit/s
95th percentile per-packet one-way delay: 94.959 ms
Loss rate: 0.88%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-02-15 23:25:39

End at: 2018-02-15 23:26:09

Local clock offset: 8.234 ms

Remote clock offset: 0.795 ms

Below is generated by plot.py at 2018-02-16 05:28:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 64.34 Mbit/s

95th percentile per-packet one-way delay: 109.946 ms

Loss rate: 0.89%

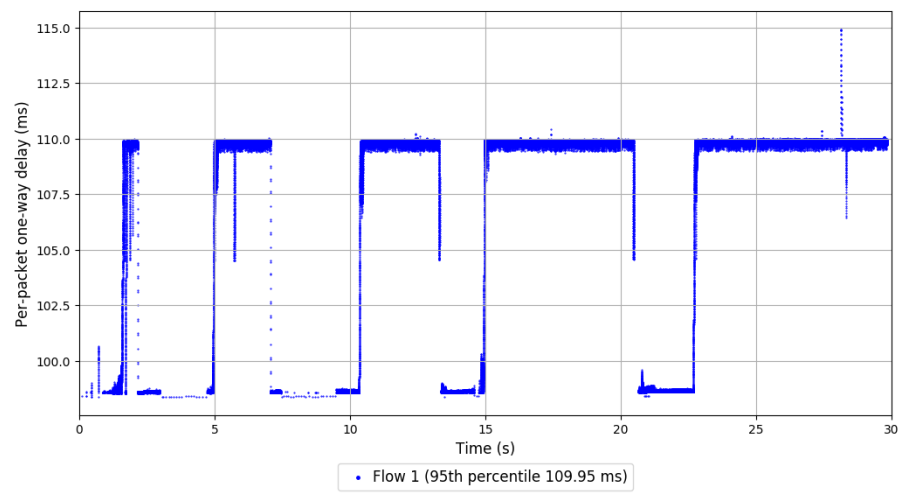
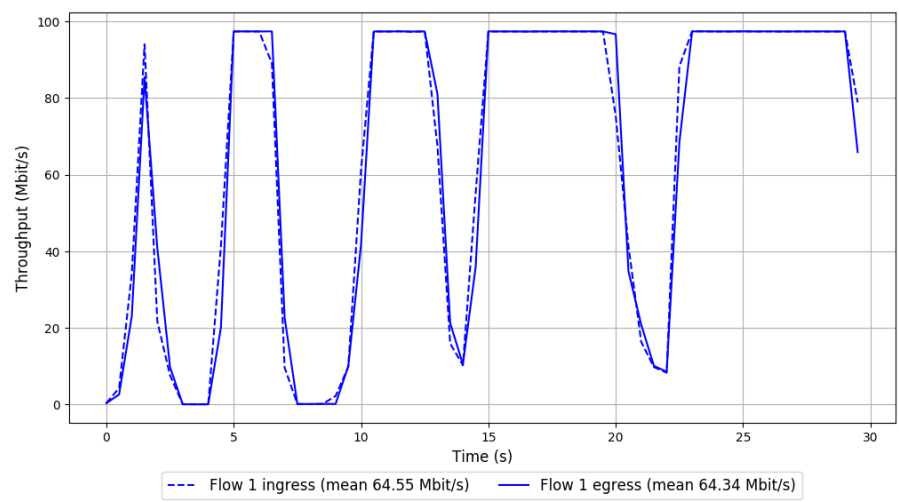
-- Flow 1:

Average throughput: 64.34 Mbit/s

95th percentile per-packet one-way delay: 109.946 ms

Loss rate: 0.89%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-02-15 23:47:39

End at: 2018-02-15 23:48:09

Local clock offset: 9.634 ms

Remote clock offset: 0.791 ms

Below is generated by plot.py at 2018-02-16 05:28:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 62.93 Mbit/s

95th percentile per-packet one-way delay: 110.175 ms

Loss rate: 0.91%

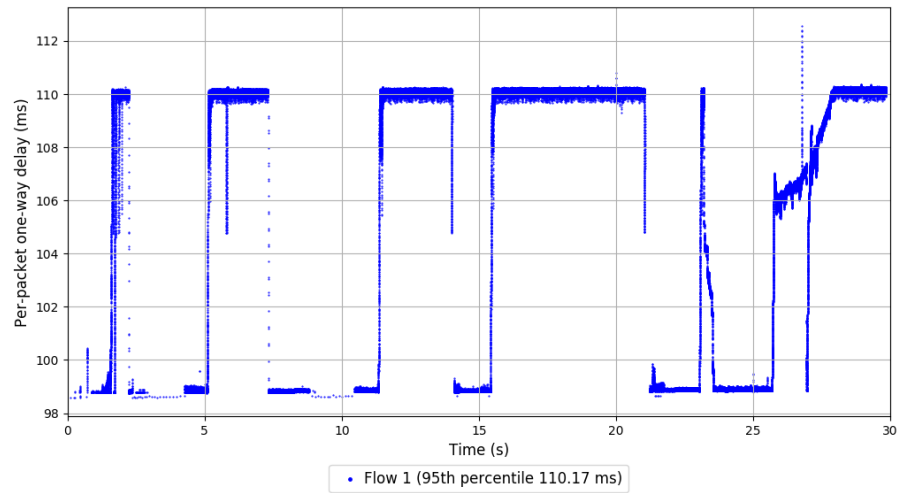
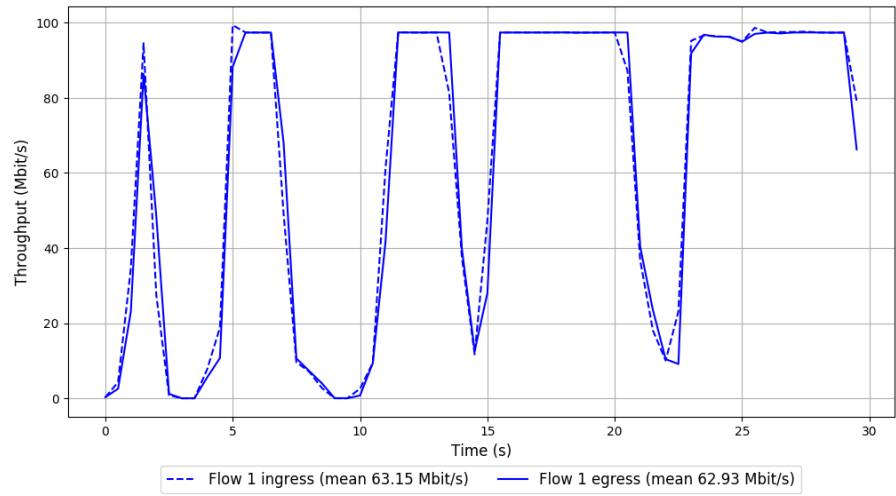
-- Flow 1:

Average throughput: 62.93 Mbit/s

95th percentile per-packet one-way delay: 110.175 ms

Loss rate: 0.91%

Run 5: Report of QUIC Cubic — Data Link

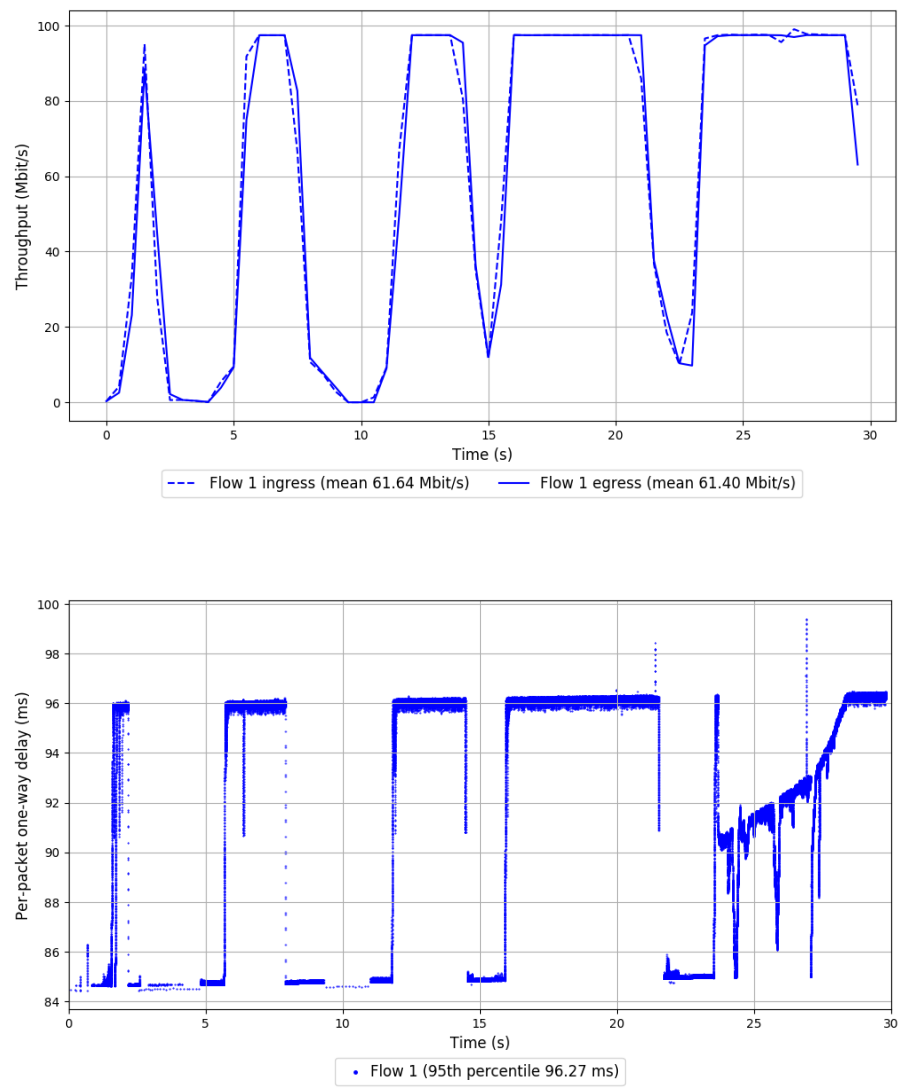


Run 6: Statistics of QUIC Cubic

Start at: 2018-02-16 00:09:39
End at: 2018-02-16 00:10:09
Local clock offset: -23.897 ms
Remote clock offset: -4.679 ms

Below is generated by plot.py at 2018-02-16 05:28:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 61.40 Mbit/s
95th percentile per-packet one-way delay: 96.271 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 61.40 Mbit/s
95th percentile per-packet one-way delay: 96.271 ms
Loss rate: 0.93%

Run 6: Report of QUIC Cubic — Data Link

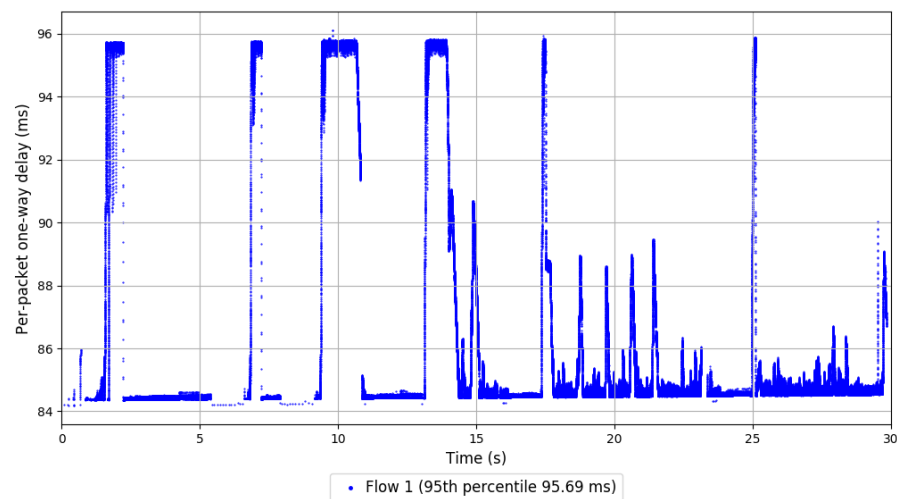
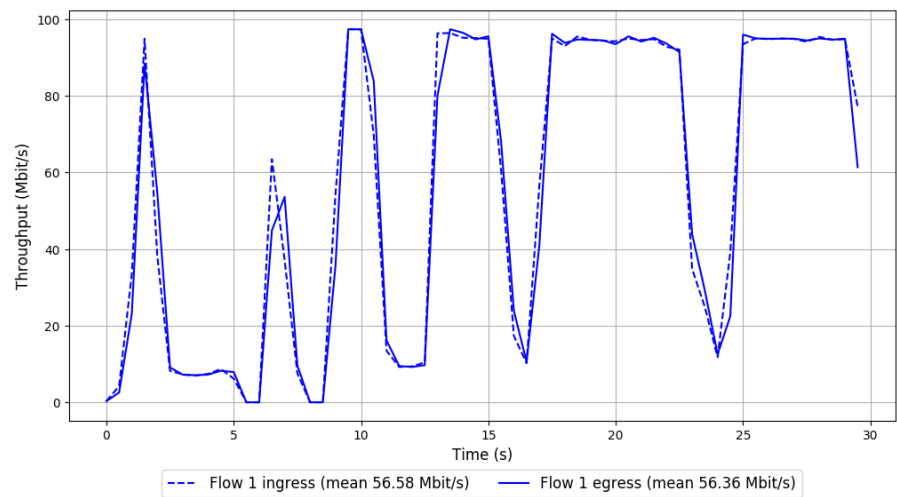


Run 7: Statistics of QUIC Cubic

Start at: 2018-02-16 00:31:39
End at: 2018-02-16 00:32:09
Local clock offset: -37.197 ms
Remote clock offset: -5.891 ms

Below is generated by plot.py at 2018-02-16 05:29:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.36 Mbit/s
95th percentile per-packet one-way delay: 95.689 ms
Loss rate: 0.94%
-- Flow 1:
Average throughput: 56.36 Mbit/s
95th percentile per-packet one-way delay: 95.689 ms
Loss rate: 0.94%

Run 7: Report of QUIC Cubic — Data Link

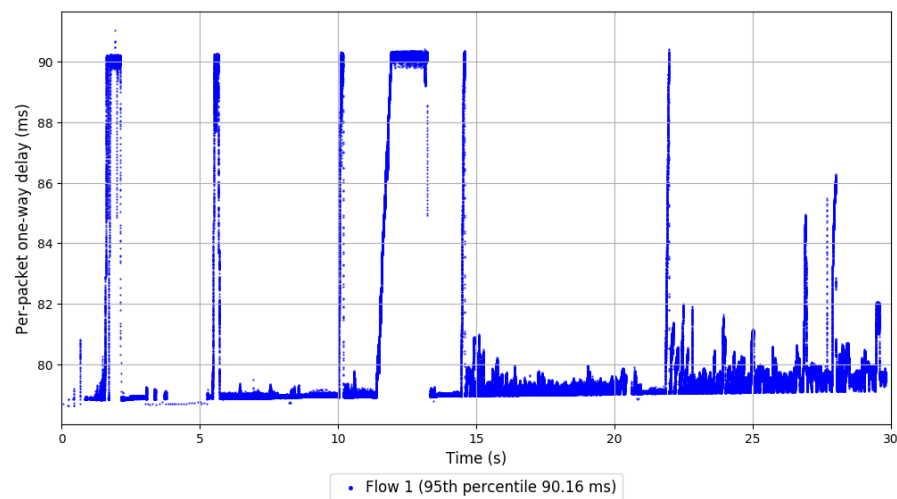
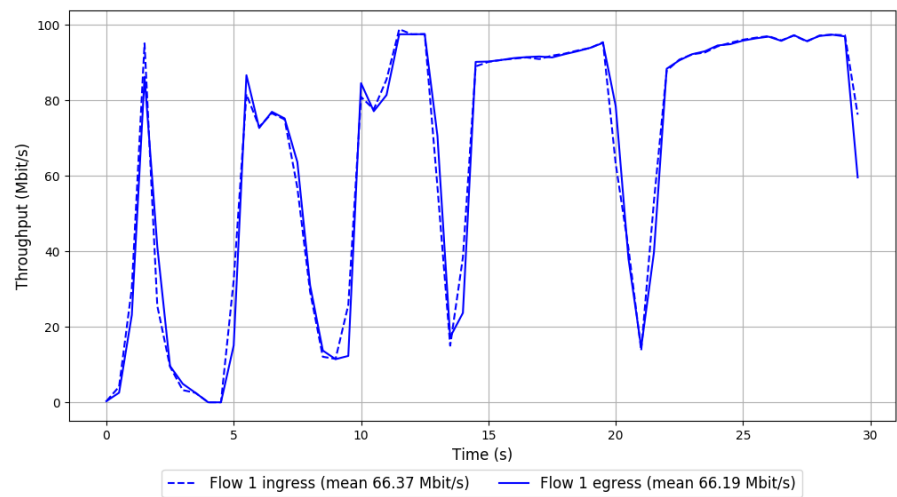


Run 8: Statistics of QUIC Cubic

Start at: 2018-02-16 00:53:42
End at: 2018-02-16 00:54:12
Local clock offset: -46.251 ms
Remote clock offset: -0.023 ms

Below is generated by plot.py at 2018-02-16 05:29:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 66.19 Mbit/s
95th percentile per-packet one-way delay: 90.157 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 66.19 Mbit/s
95th percentile per-packet one-way delay: 90.157 ms
Loss rate: 0.82%

Run 8: Report of QUIC Cubic — Data Link

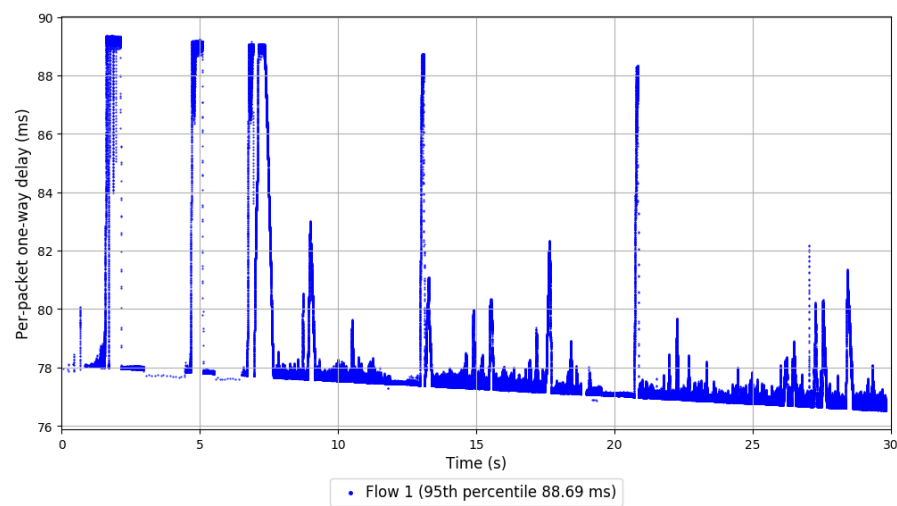
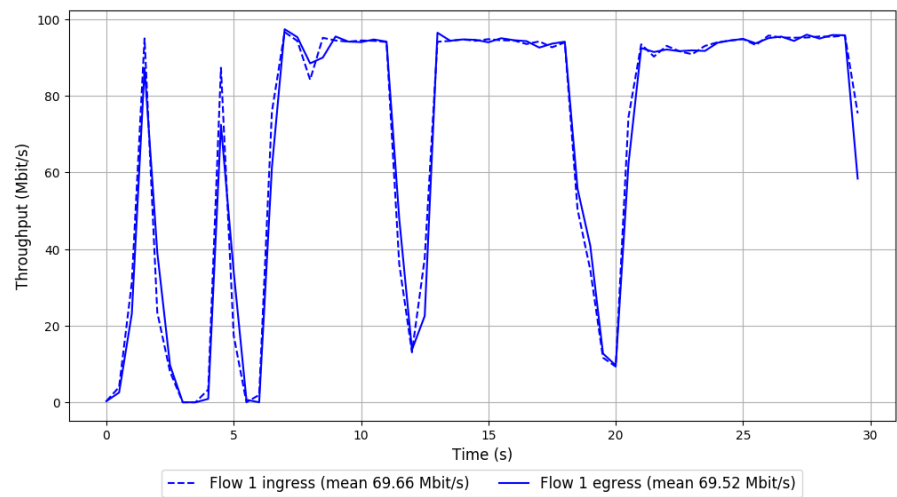


Run 9: Statistics of QUIC Cubic

Start at: 2018-02-16 01:15:38
End at: 2018-02-16 01:16:08
Local clock offset: -29.468 ms
Remote clock offset: 1.656 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.52 Mbit/s
95th percentile per-packet one-way delay: 88.689 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 69.52 Mbit/s
95th percentile per-packet one-way delay: 88.689 ms
Loss rate: 0.76%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-16 01:37:41

End at: 2018-02-16 01:38:11

Local clock offset: 3.967 ms

Remote clock offset: -0.294 ms

Below is generated by plot.py at 2018-02-16 05:29:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 52.95 Mbit/s

95th percentile per-packet one-way delay: 96.307 ms

Loss rate: 0.86%

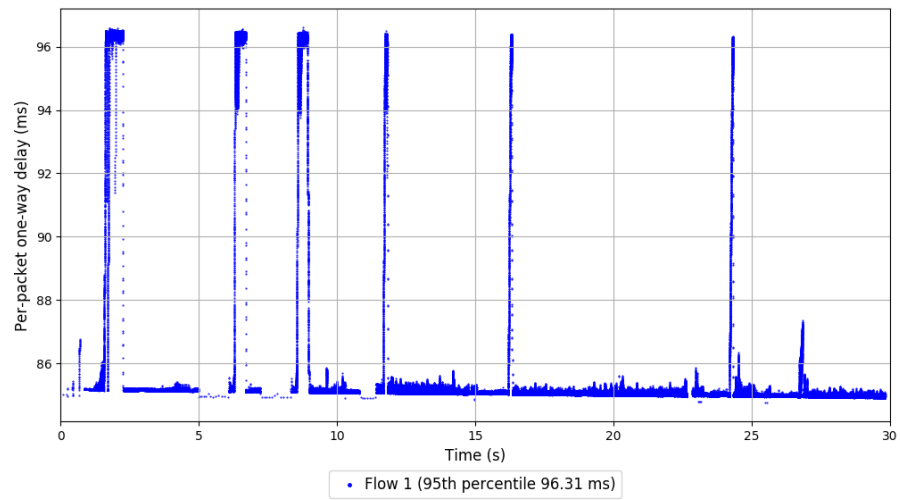
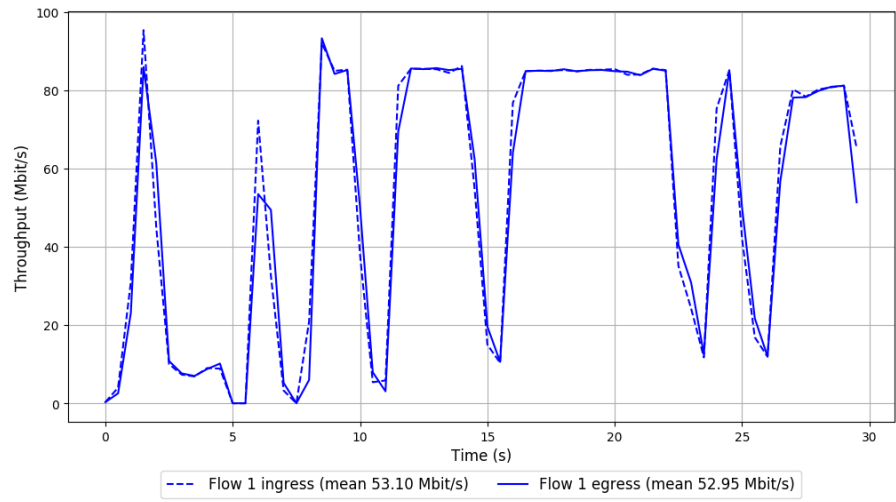
-- Flow 1:

Average throughput: 52.95 Mbit/s

95th percentile per-packet one-way delay: 96.307 ms

Loss rate: 0.86%

Run 10: Report of QUIC Cubic — Data Link

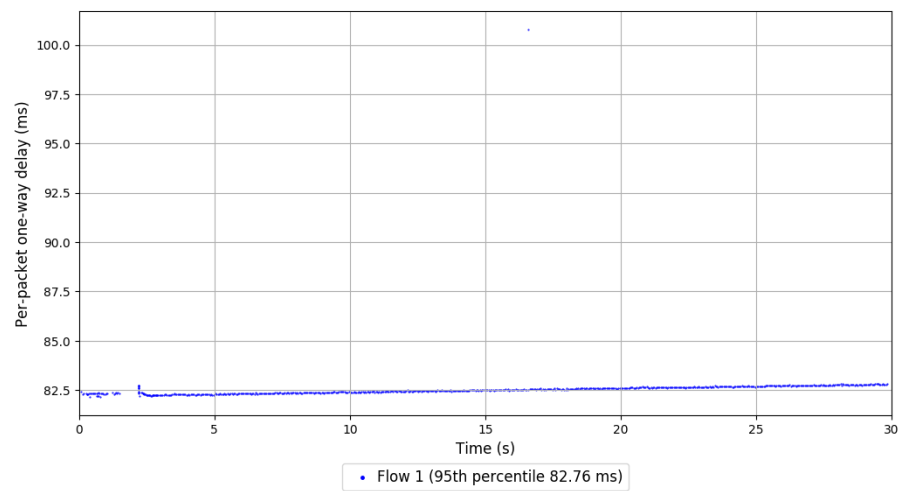
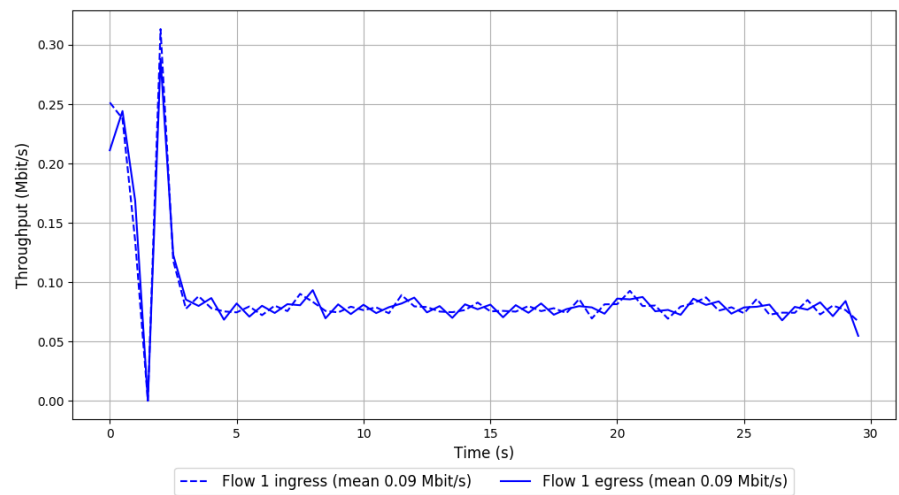


```
Run 1: Statistics of SCReAM

Start at: 2018-02-15 22:18:16
End at: 2018-02-15 22:18:46
Local clock offset: -24.328 ms
Remote clock offset: 3.685 ms

# Below is generated by plot.py at 2018-02-16 05:29:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 82.758 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 0.09 Mbit/s
95th percentile per-packet one-way delay: 82.758 ms
Loss rate: 0.46%
```

Run 1: Report of SReAM — Data Link

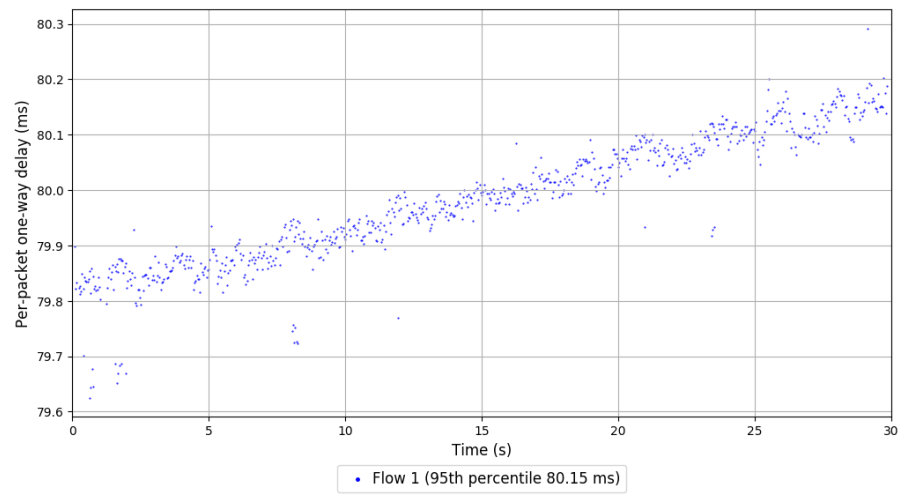
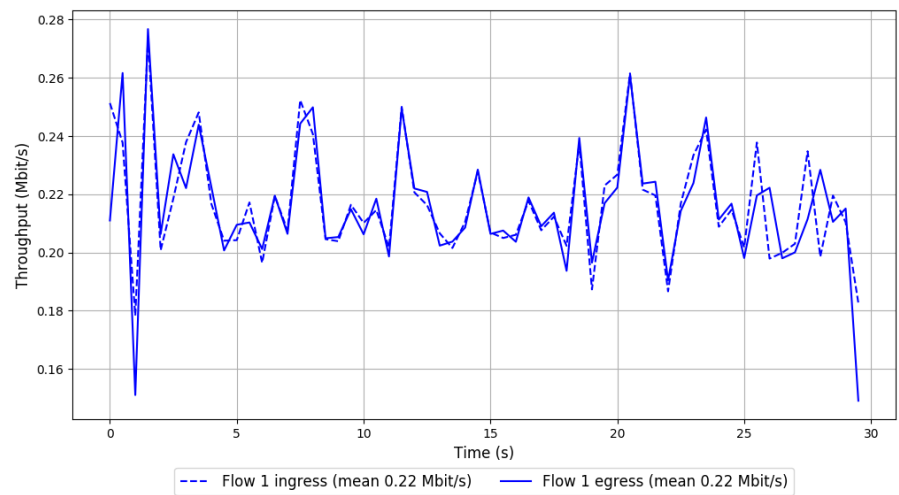


Run 2: Statistics of SCReAM

Start at: 2018-02-15 22:40:28
End at: 2018-02-15 22:40:58
Local clock offset: -26.712 ms
Remote clock offset: 3.452 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.150 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 80.150 ms
Loss rate: 0.51%

Run 2: Report of SReAM — Data Link

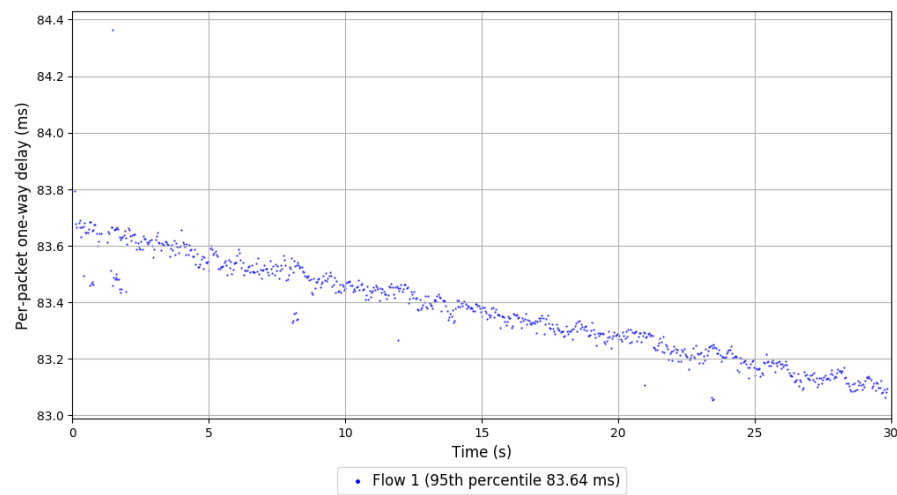
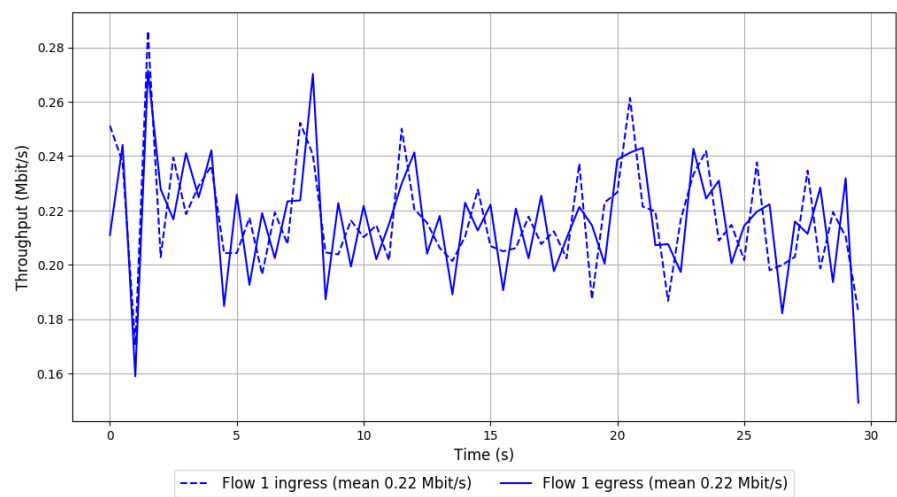


Run 3: Statistics of SReAM

Start at: 2018-02-15 23:02:29
End at: 2018-02-15 23:02:59
Local clock offset: -15.678 ms
Remote clock offset: -1.54 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.640 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 83.640 ms
Loss rate: 0.51%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-02-15 23:24:30

End at: 2018-02-15 23:25:00

Local clock offset: 9.782 ms

Remote clock offset: 0.878 ms

Below is generated by plot.py at 2018-02-16 05:29:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 102.432 ms

Loss rate: 0.51%

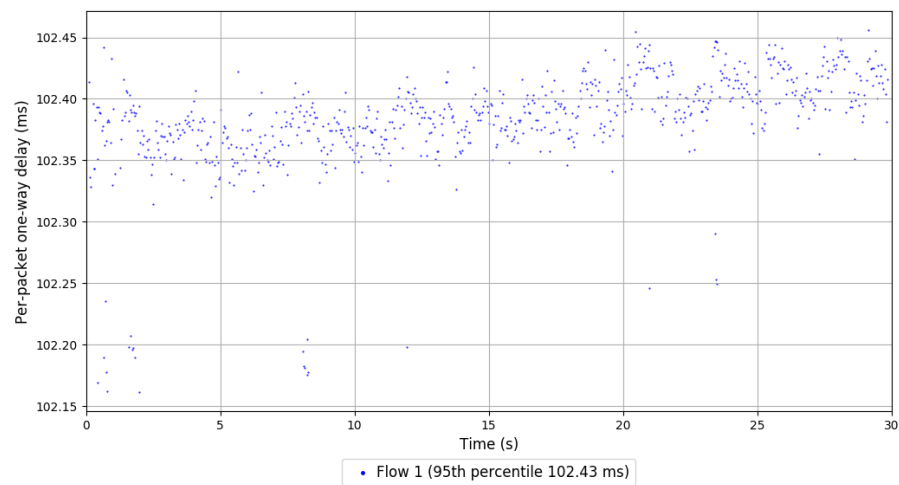
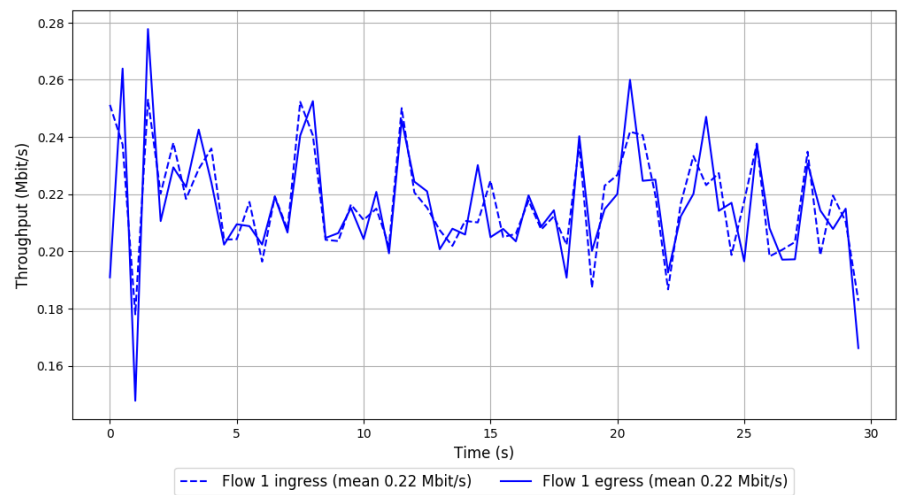
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 102.432 ms

Loss rate: 0.51%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2018-02-15 23:46:29

End at: 2018-02-15 23:46:59

Local clock offset: 9.843 ms

Remote clock offset: 0.804 ms

Below is generated by plot.py at 2018-02-16 05:29:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 101.065 ms

Loss rate: 0.51%

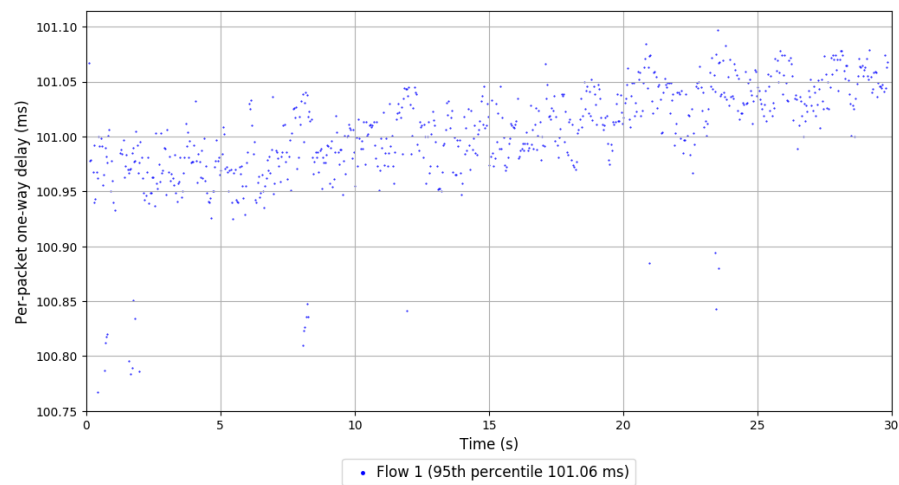
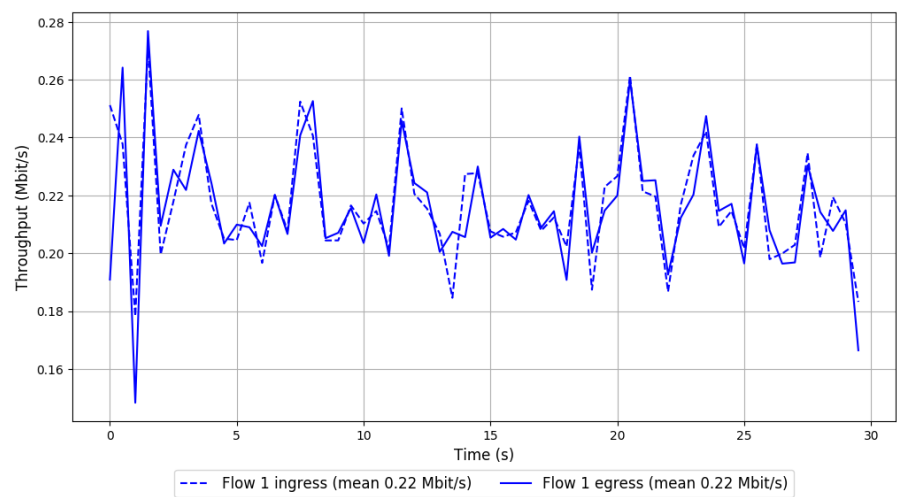
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 101.065 ms

Loss rate: 0.51%

Run 5: Report of SReAM — Data Link

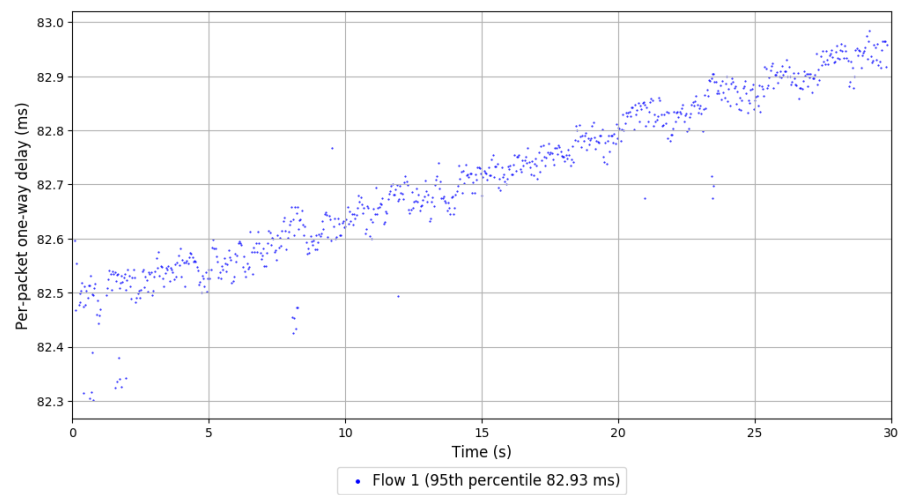
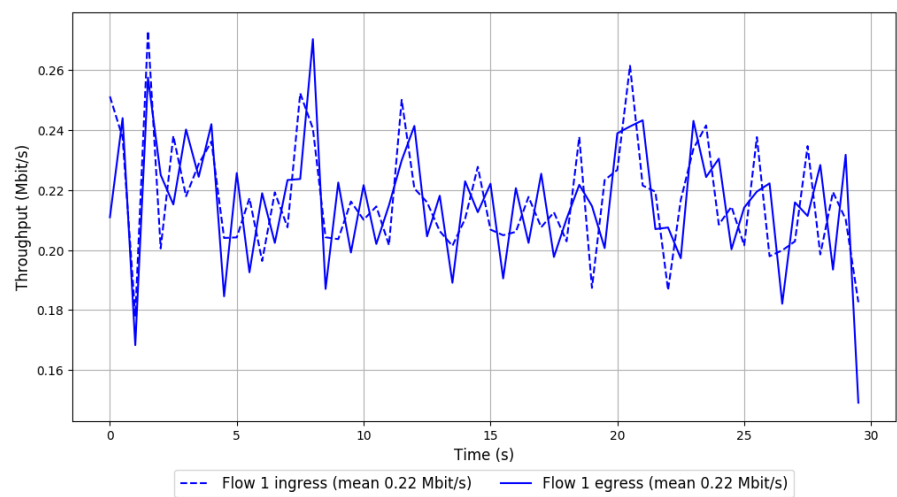


Run 6: Statistics of SCReAM

Start at: 2018-02-16 00:08:30
End at: 2018-02-16 00:09:00
Local clock offset: -22.596 ms
Remote clock offset: 0.153 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 82.934 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 82.934 ms
Loss rate: 0.51%

Run 6: Report of SReAM — Data Link

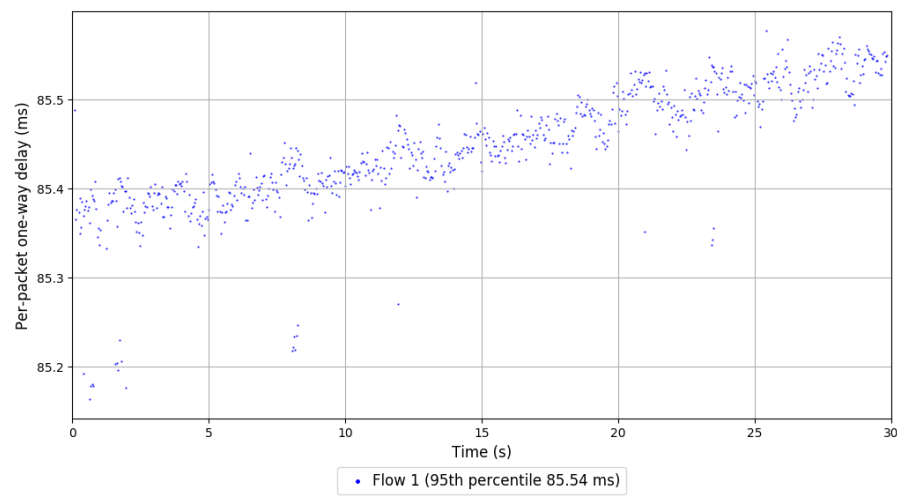
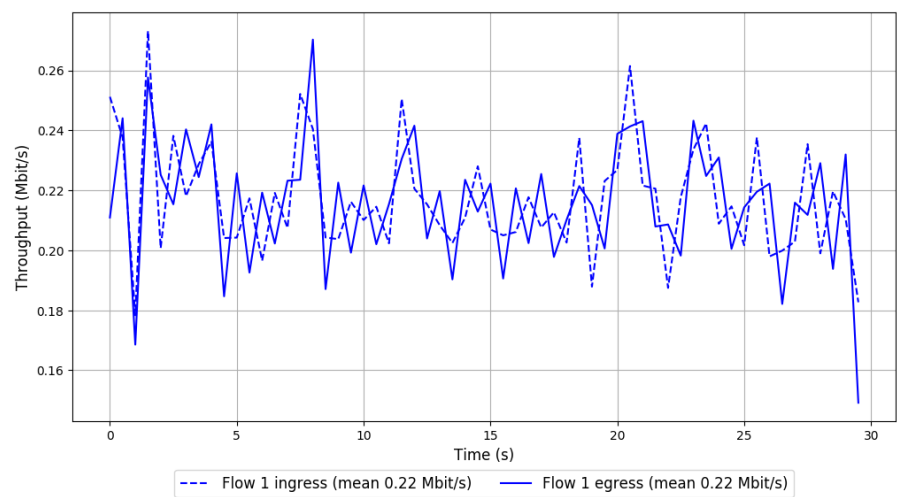


Run 7: Statistics of SCReAM

Start at: 2018-02-16 00:30:30
End at: 2018-02-16 00:31:00
Local clock offset: -36.572 ms
Remote clock offset: -5.062 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.543 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 85.543 ms
Loss rate: 0.51%

Run 7: Report of SReAM — Data Link

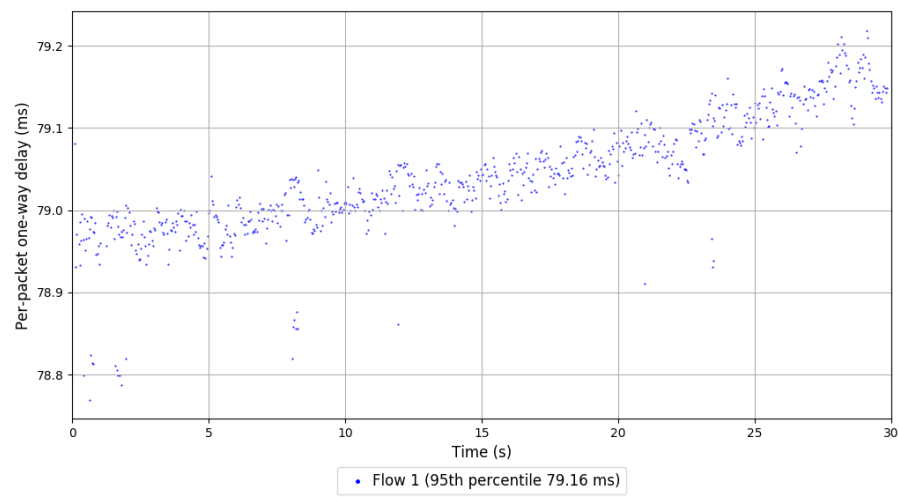
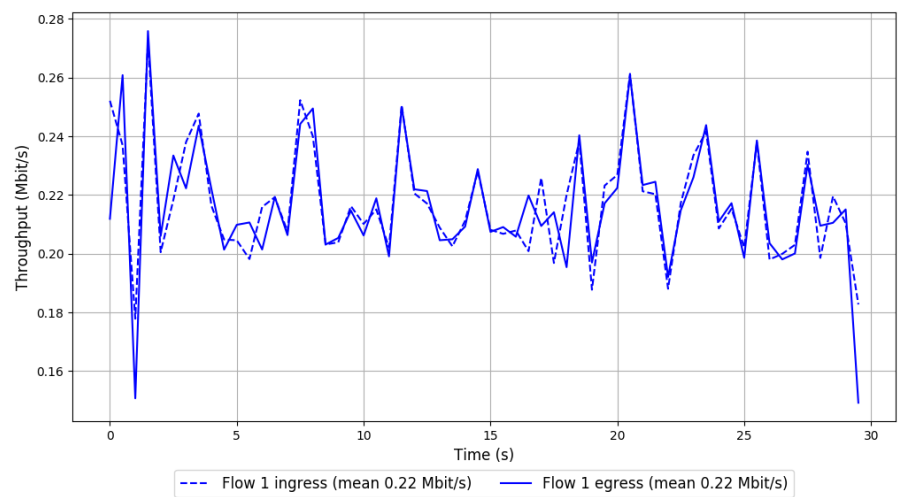


Run 8: Statistics of SCReAM

Start at: 2018-02-16 00:52:32
End at: 2018-02-16 00:53:02
Local clock offset: -45.8 ms
Remote clock offset: -0.188 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.157 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.157 ms
Loss rate: 0.51%

Run 8: Report of SReAM — Data Link

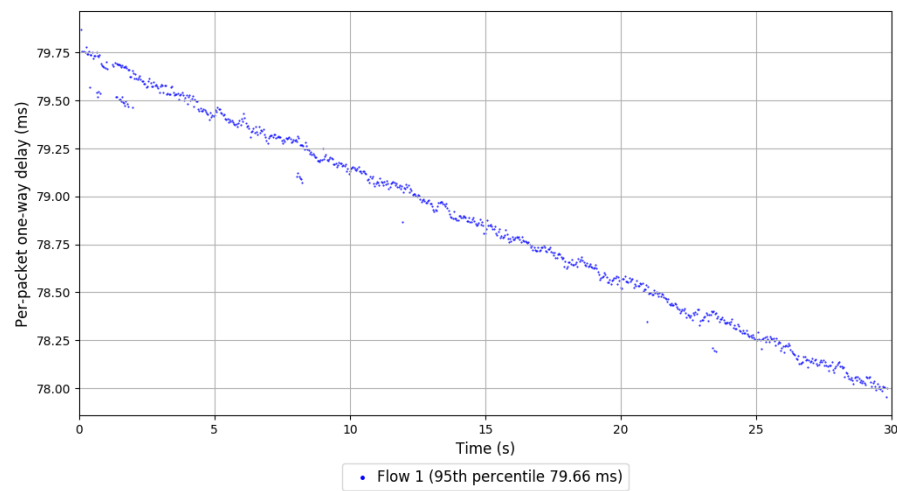
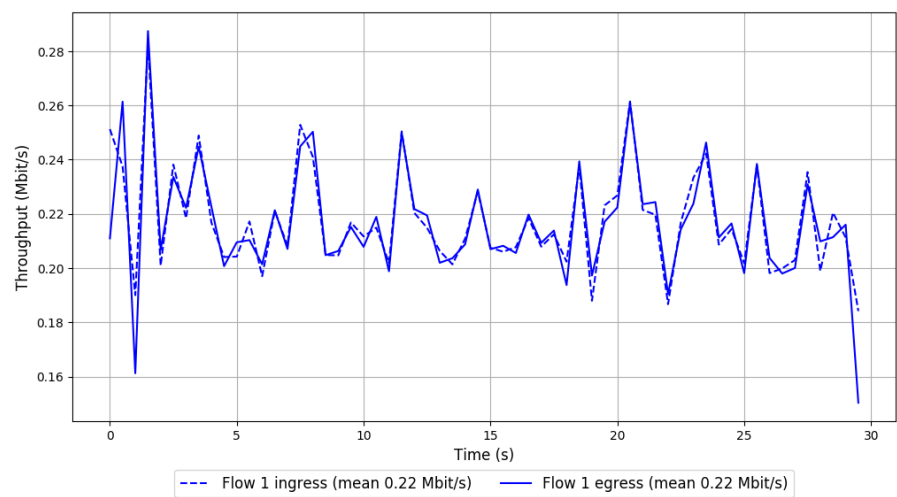


Run 9: Statistics of SReAM

Start at: 2018-02-16 01:14:28
End at: 2018-02-16 01:14:58
Local clock offset: -32.704 ms
Remote clock offset: 1.76 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.662 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 79.662 ms
Loss rate: 0.51%

Run 9: Report of SReAM — Data Link

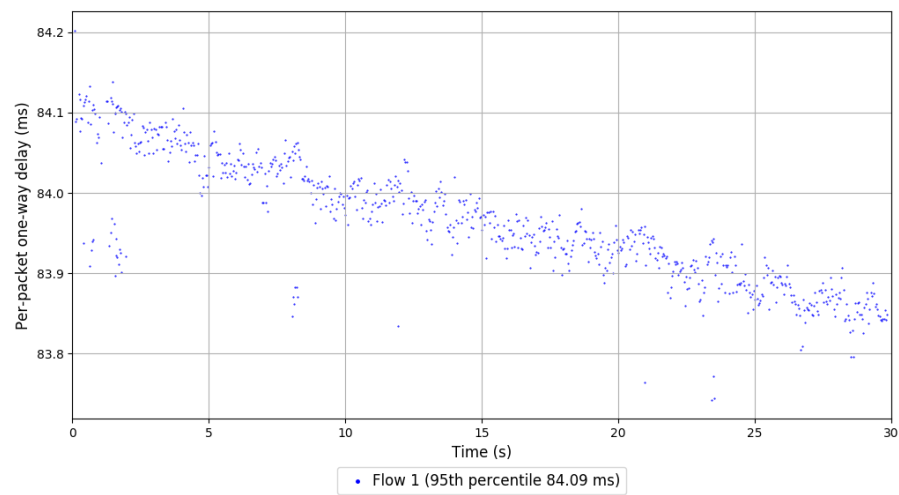
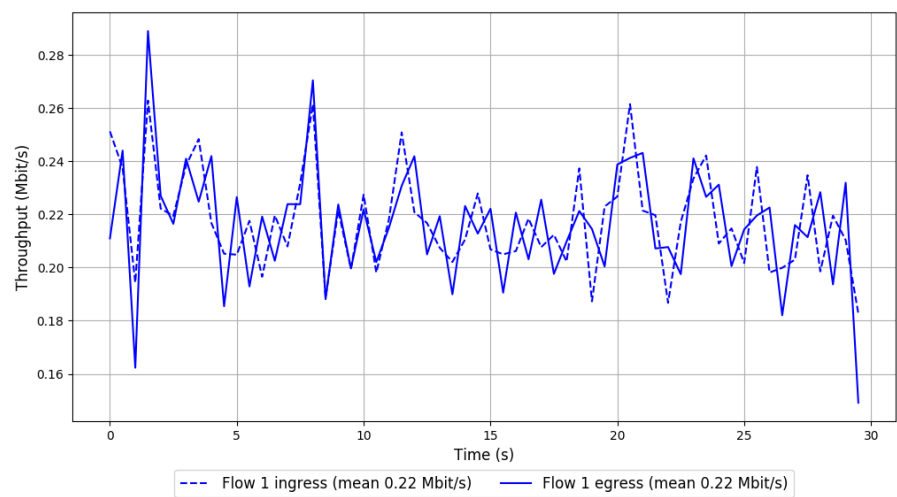


Run 10: Statistics of SReAM

Start at: 2018-02-16 01:36:31
End at: 2018-02-16 01:37:01
Local clock offset: 3.169 ms
Remote clock offset: -0.461 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.089 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 84.089 ms
Loss rate: 0.51%

Run 10: Report of SReAM — Data Link

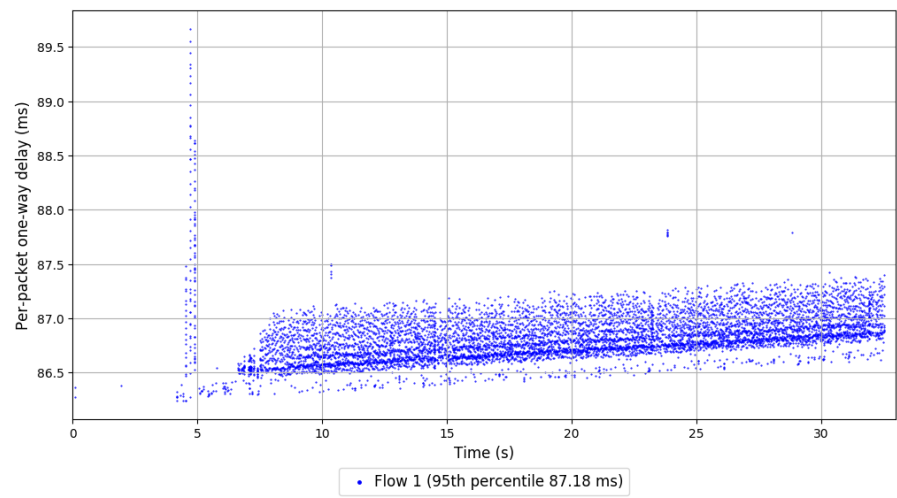
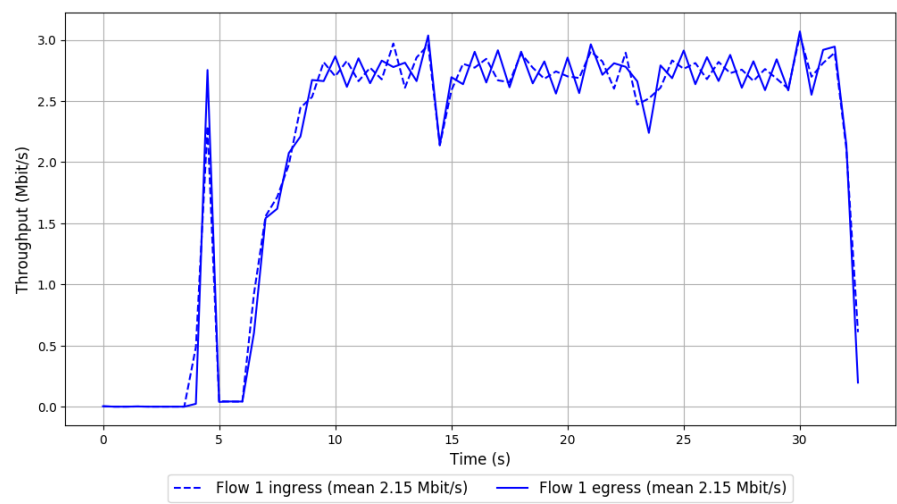


Run 1: Statistics of WebRTC media

Start at: 2018-02-15 22:09:43
End at: 2018-02-15 22:10:13
Local clock offset: -17.926 ms
Remote clock offset: -2.275 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 87.184 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 87.184 ms
Loss rate: 0.57%

Run 1: Report of WebRTC media — Data Link

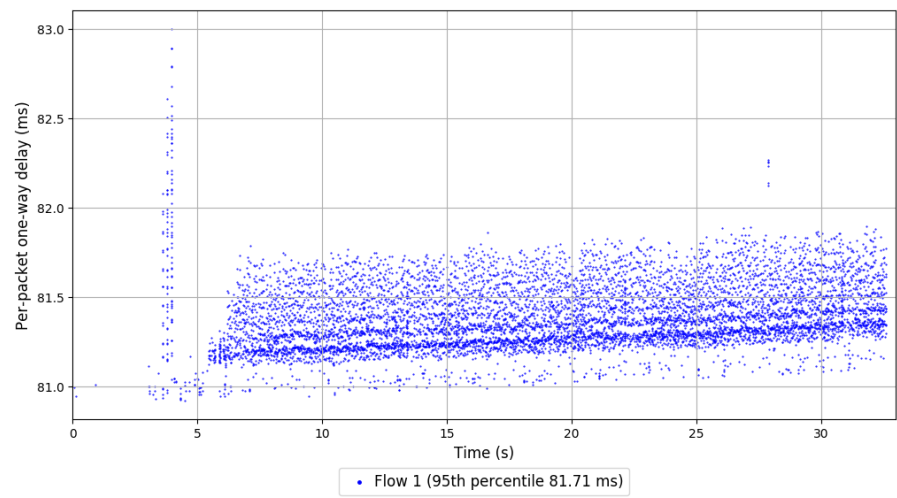
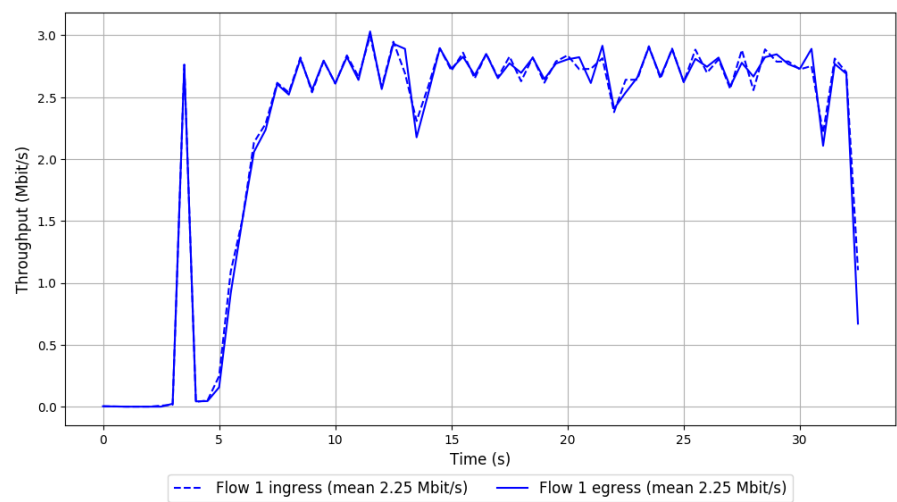


Run 2: Statistics of WebRTC media

Start at: 2018-02-15 22:31:52
End at: 2018-02-15 22:32:22
Local clock offset: -22.207 ms
Remote clock offset: 3.182 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 81.712 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 81.712 ms
Loss rate: 0.60%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-02-15 22:53:57

End at: 2018-02-15 22:54:27

Local clock offset: -36.71 ms

Remote clock offset: 3.867 ms

Below is generated by plot.py at 2018-02-16 05:29:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 78.432 ms

Loss rate: 0.61%

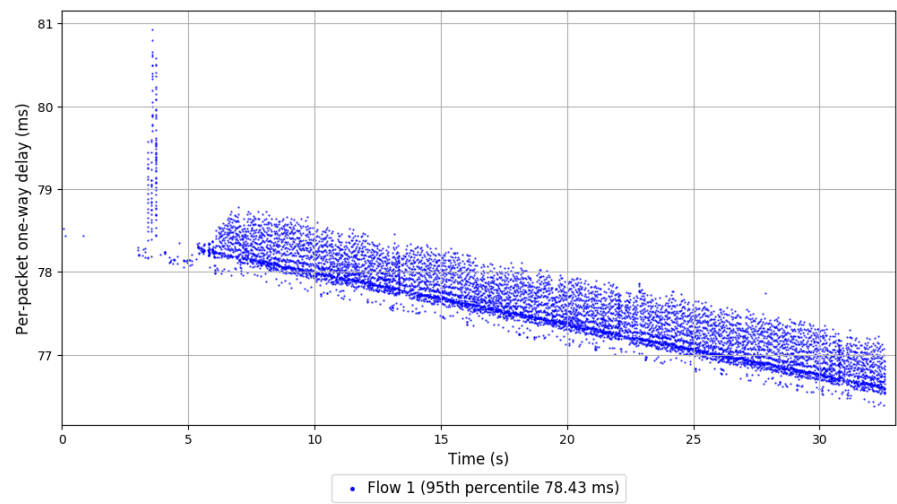
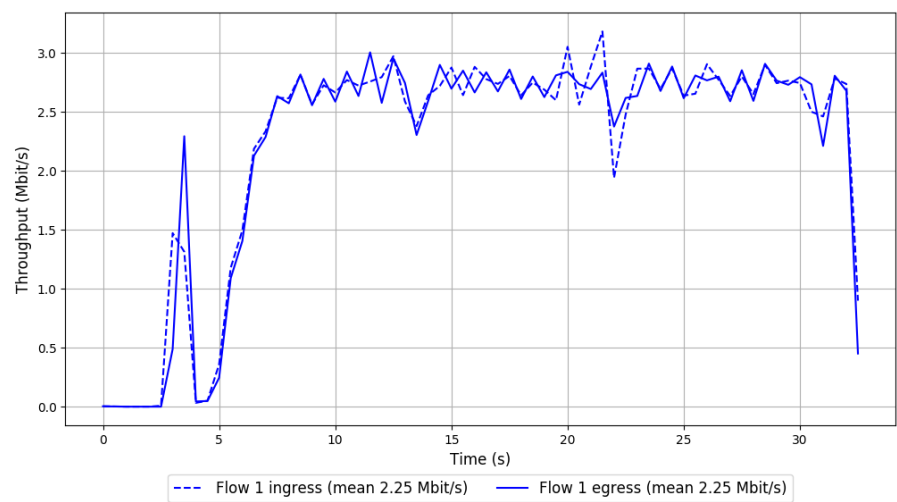
-- Flow 1:

Average throughput: 2.25 Mbit/s

95th percentile per-packet one-way delay: 78.432 ms

Loss rate: 0.61%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-02-15 23:15:57

End at: 2018-02-15 23:16:27

Local clock offset: 9.652 ms

Remote clock offset: 2.057 ms

Below is generated by plot.py at 2018-02-16 05:29:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.26 Mbit/s

95th percentile per-packet one-way delay: 100.541 ms

Loss rate: 0.60%

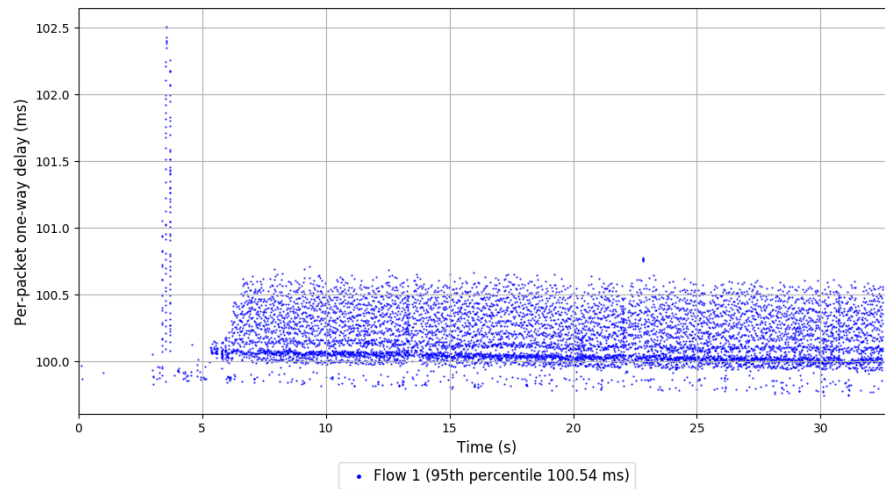
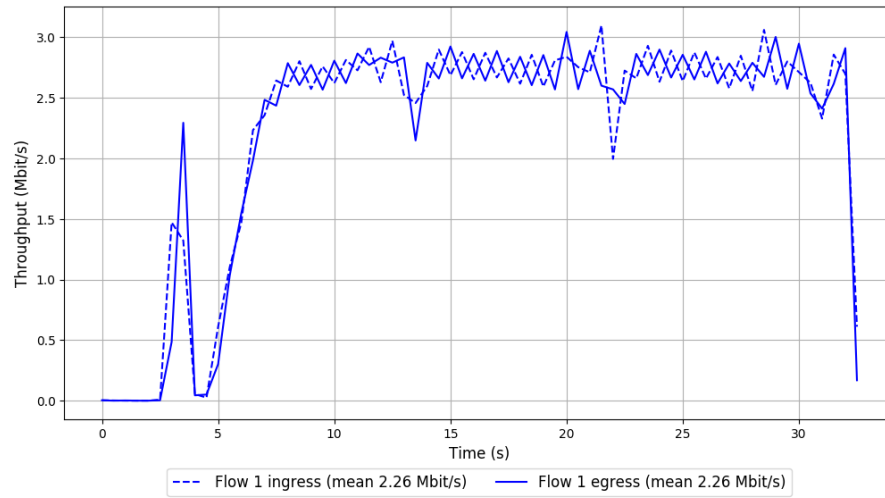
-- Flow 1:

Average throughput: 2.26 Mbit/s

95th percentile per-packet one-way delay: 100.541 ms

Loss rate: 0.60%

Run 4: Report of WebRTC media — Data Link

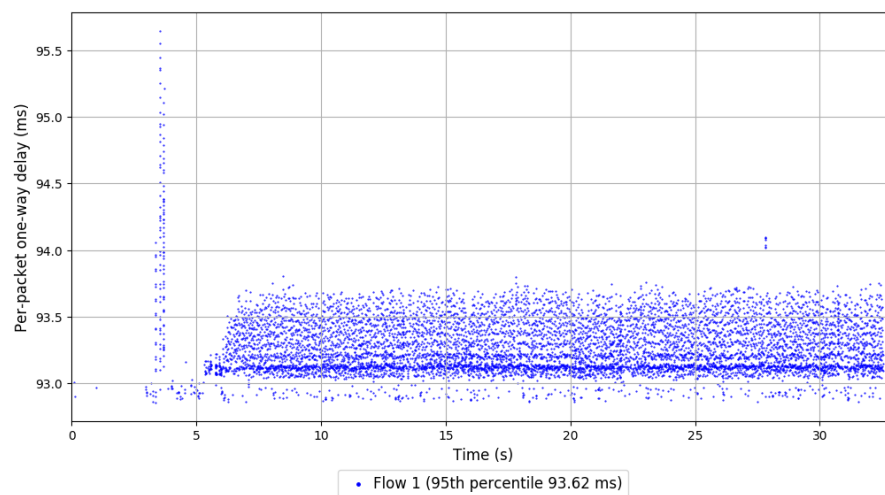
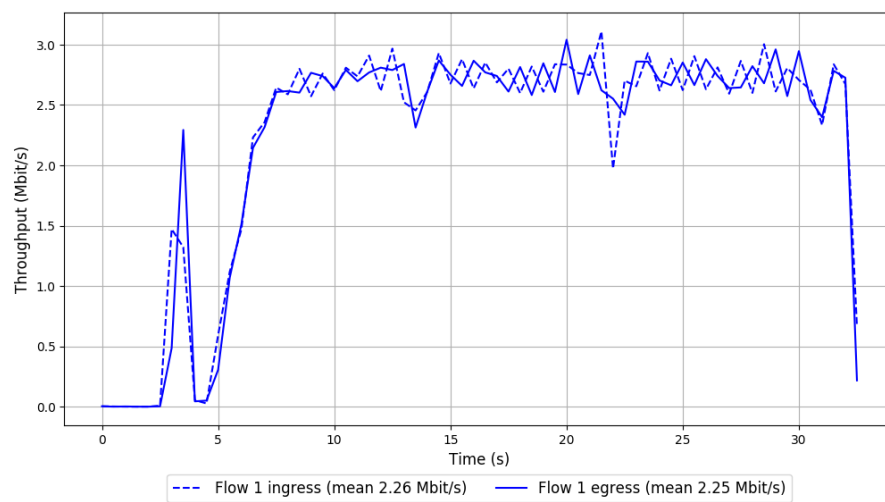


Run 5: Statistics of WebRTC media

Start at: 2018-02-15 23:37:57
End at: 2018-02-15 23:38:27
Local clock offset: -0.724 ms
Remote clock offset: -4.775 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 93.624 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 93.624 ms
Loss rate: 0.60%

Run 5: Report of WebRTC media — Data Link

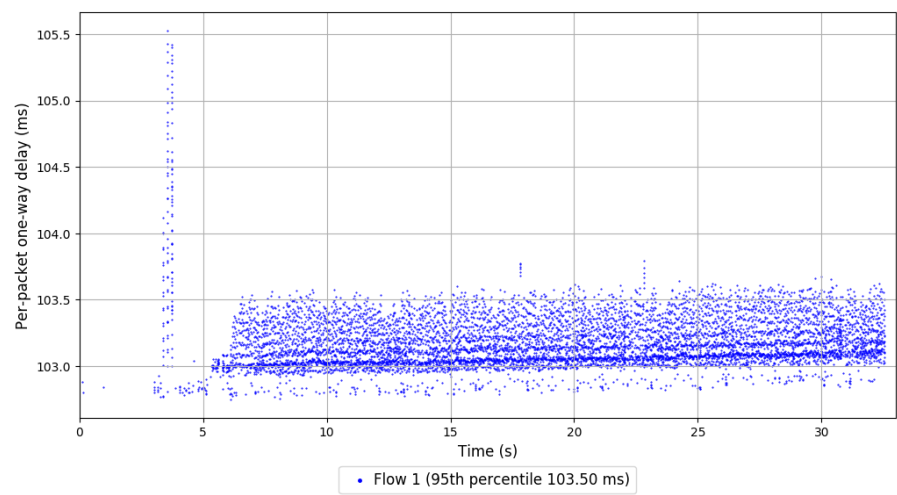
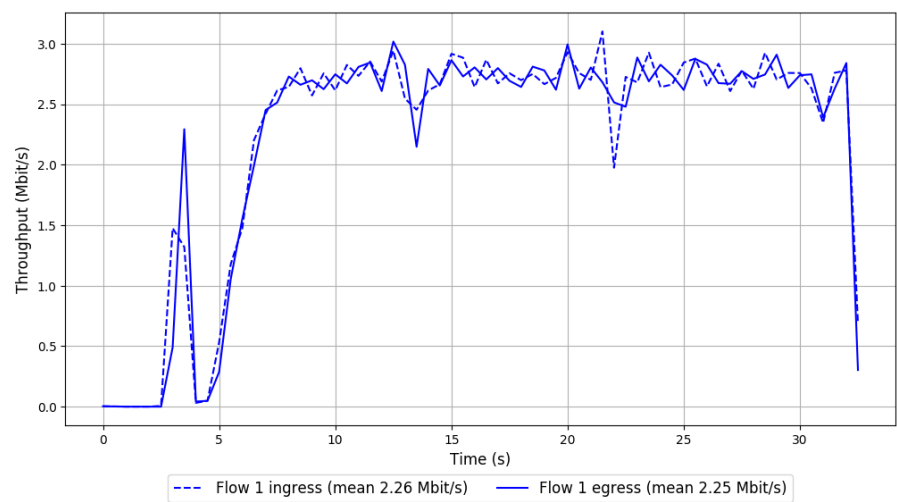


Run 6: Statistics of WebRTC media

Start at: 2018-02-15 23:59:57
End at: 2018-02-16 00:00:27
Local clock offset: 5.216 ms
Remote clock offset: -4.656 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 103.499 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 103.499 ms
Loss rate: 0.62%

Run 6: Report of WebRTC media — Data Link

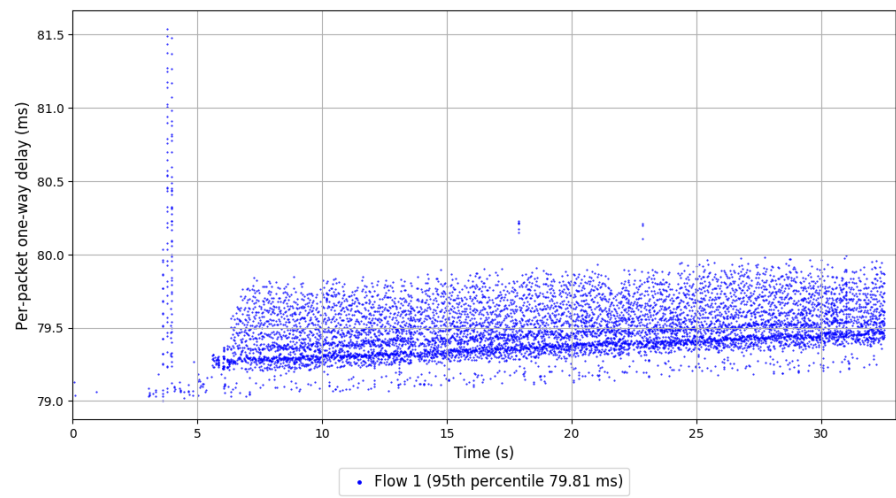
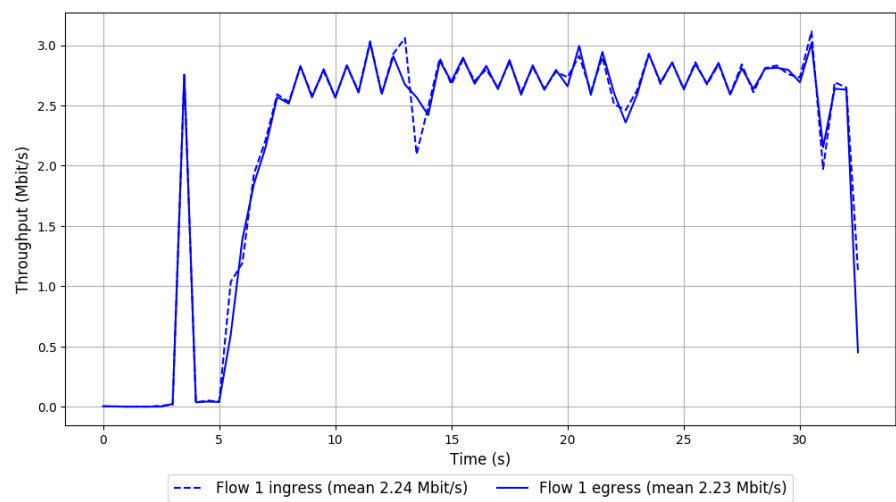


Run 7: Statistics of WebRTC media

Start at: 2018-02-16 00:21:57
End at: 2018-02-16 00:22:27
Local clock offset: -32.809 ms
Remote clock offset: 1.224 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 79.813 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 2.23 Mbit/s
95th percentile per-packet one-way delay: 79.813 ms
Loss rate: 0.77%

Run 7: Report of WebRTC media — Data Link

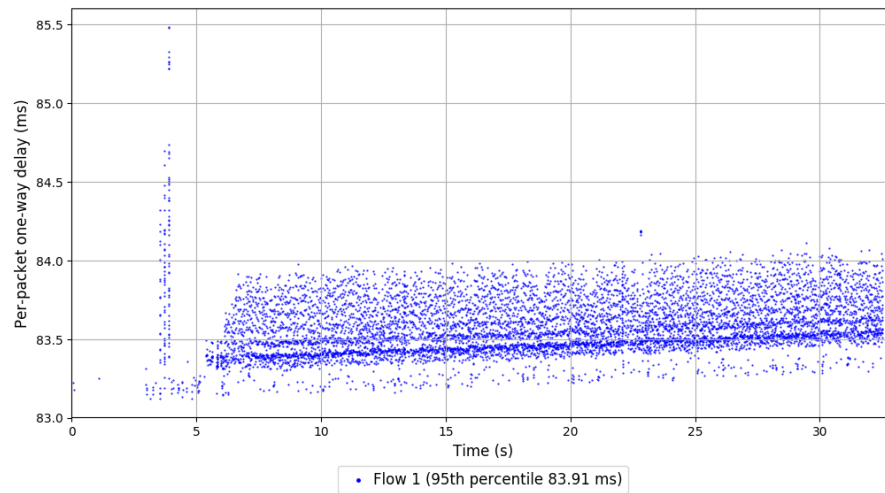
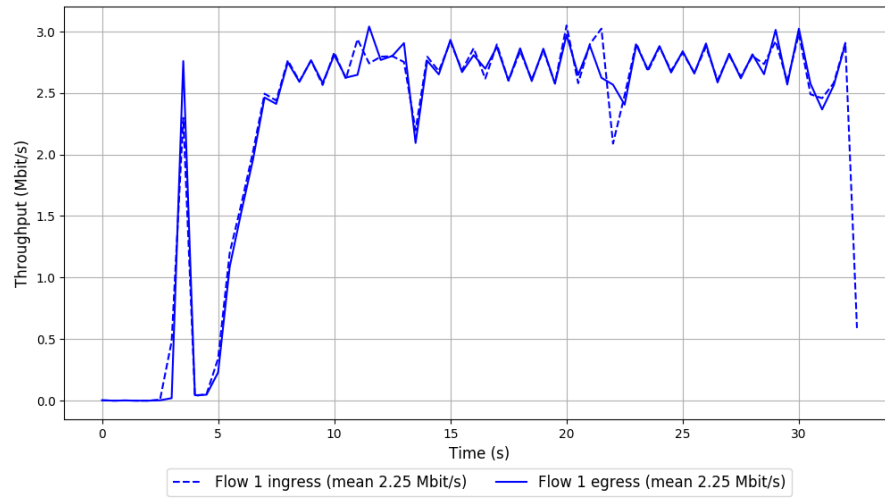


Run 8: Statistics of WebRTC media

Start at: 2018-02-16 00:43:57
End at: 2018-02-16 00:44:27
Local clock offset: -42.425 ms
Remote clock offset: -5.584 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 83.907 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 83.907 ms
Loss rate: 0.70%

Run 8: Report of WebRTC media — Data Link

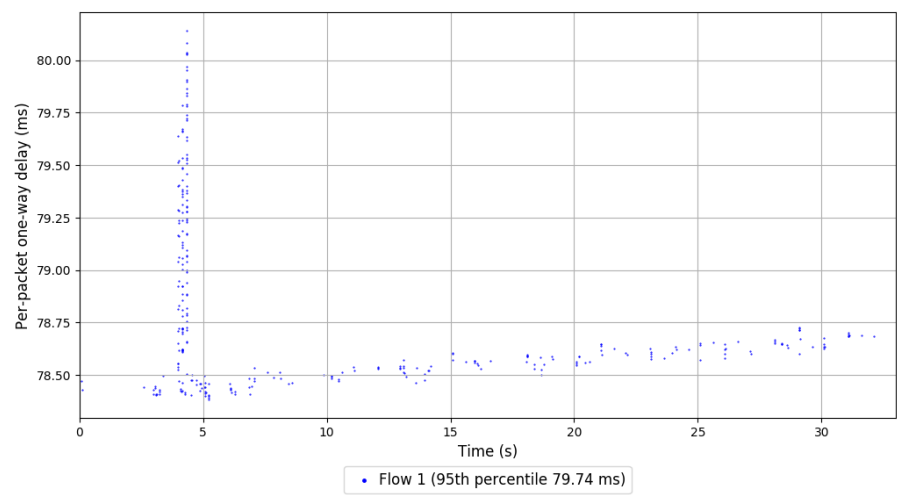
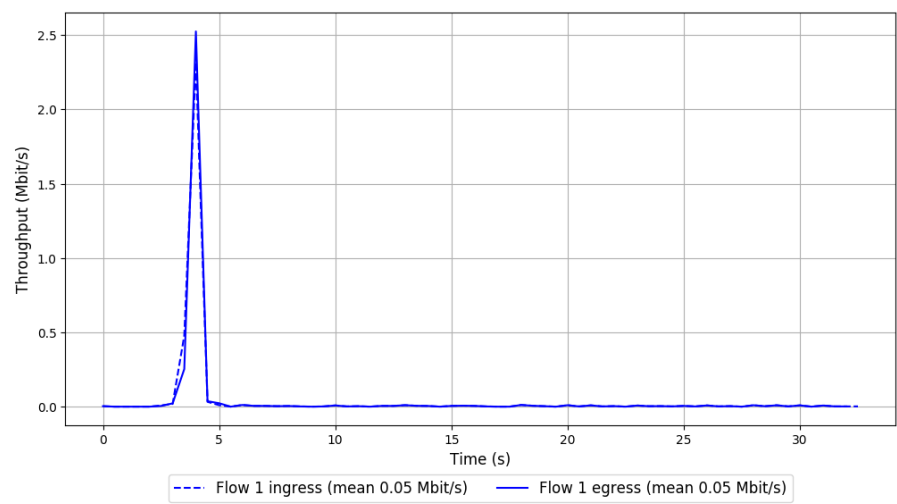


Run 9: Statistics of WebRTC media

Start at: 2018-02-16 01:05:58
End at: 2018-02-16 01:06:28
Local clock offset: -51.264 ms
Remote clock offset: 1.112 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 79.740 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.05 Mbit/s
95th percentile per-packet one-way delay: 79.740 ms
Loss rate: 0.06%

Run 9: Report of WebRTC media — Data Link

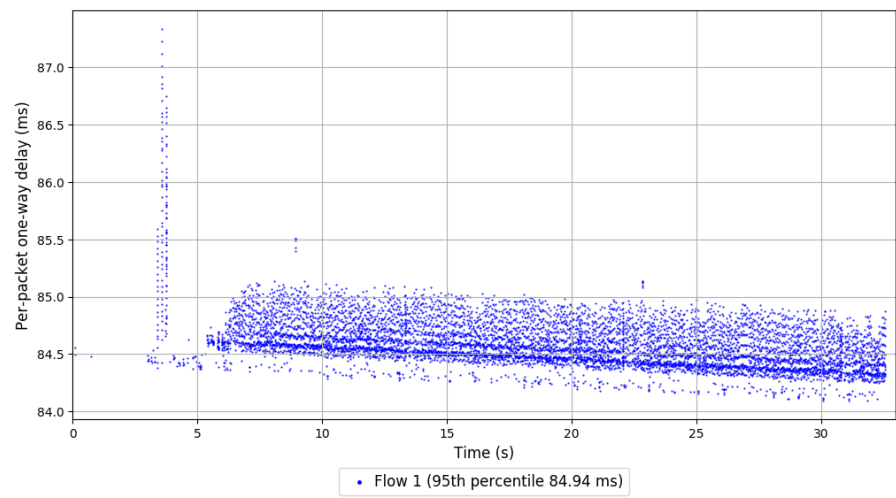
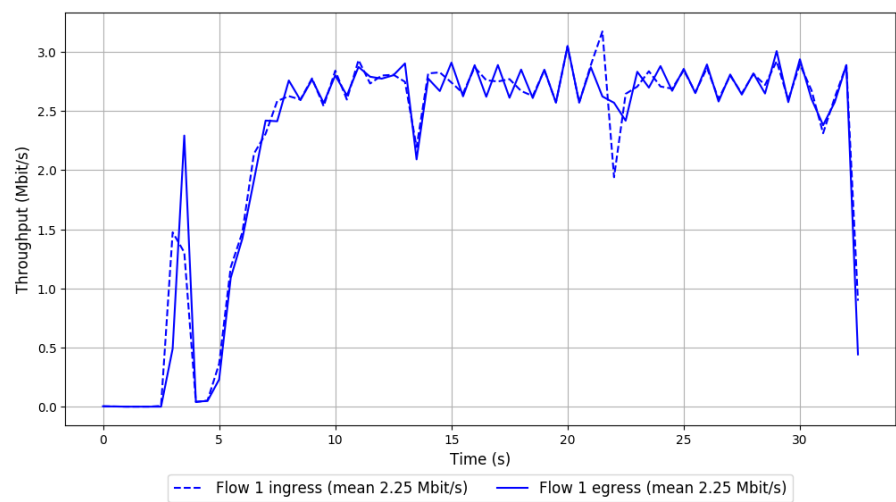


Run 10: Statistics of WebRTC media

Start at: 2018-02-16 01:28:01
End at: 2018-02-16 01:28:31
Local clock offset: -4.461 ms
Remote clock offset: -2.495 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 84.939 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 84.939 ms
Loss rate: 0.61%

Run 10: Report of WebRTC media — Data Link

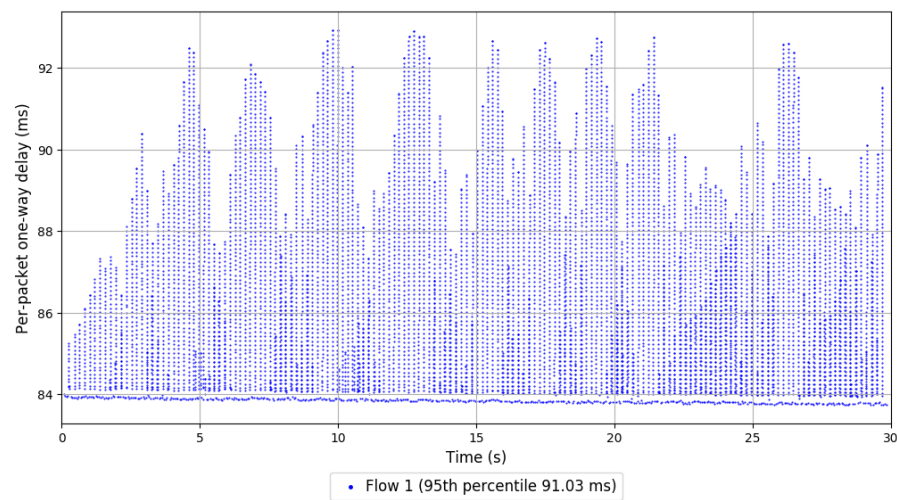
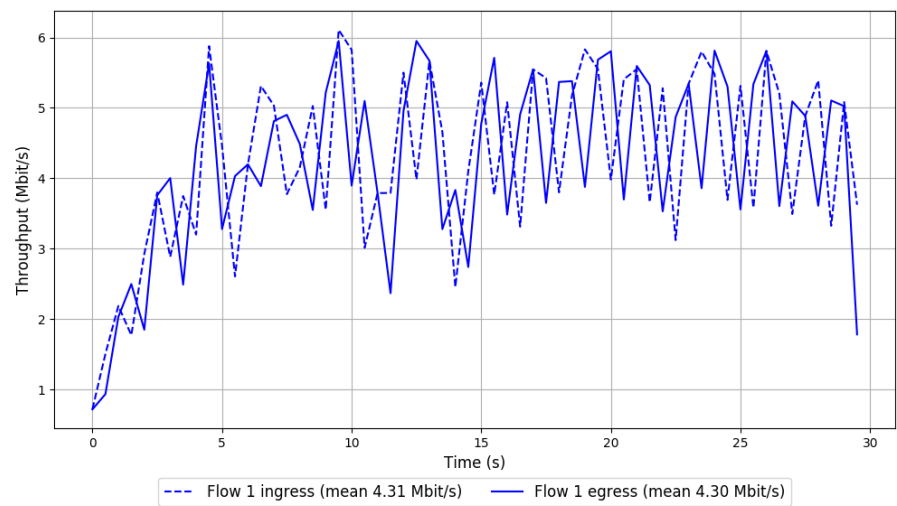


Run 1: Statistics of Sprout

Start at: 2018-02-15 22:04:46
End at: 2018-02-15 22:05:16
Local clock offset: -17.51 ms
Remote clock offset: -3.317 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.30 Mbit/s
95th percentile per-packet one-way delay: 91.032 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 4.30 Mbit/s
95th percentile per-packet one-way delay: 91.032 ms
Loss rate: 0.74%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2018-02-15 22:26:51

End at: 2018-02-15 22:27:21

Local clock offset: -21.86 ms

Remote clock offset: 3.08 ms

Below is generated by plot.py at 2018-02-16 05:29:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.81 Mbit/s

95th percentile per-packet one-way delay: 85.818 ms

Loss rate: 0.85%

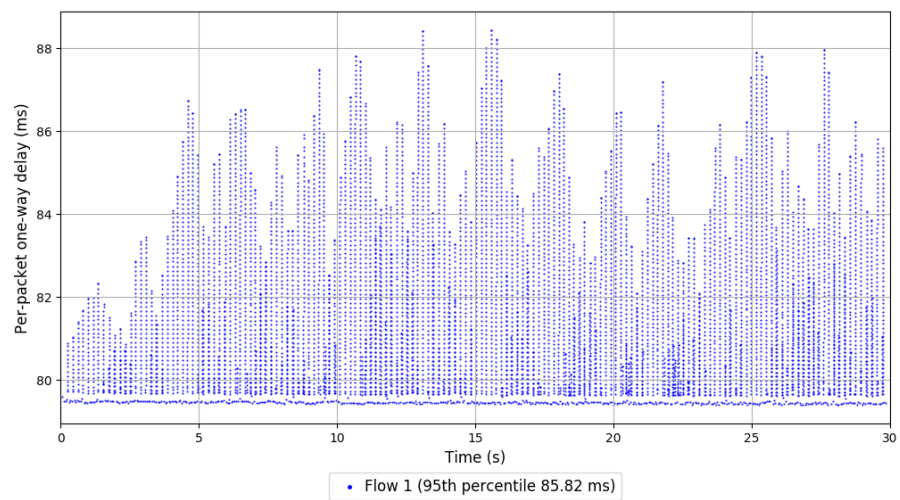
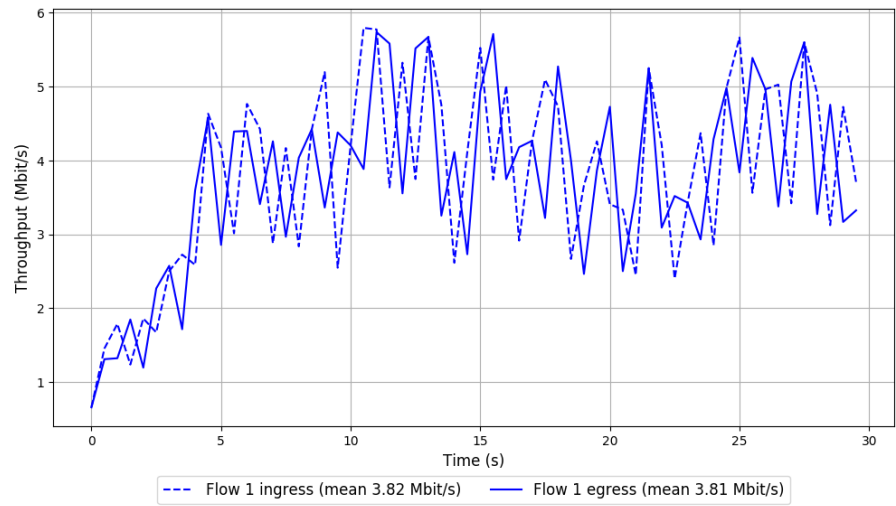
-- Flow 1:

Average throughput: 3.81 Mbit/s

95th percentile per-packet one-way delay: 85.818 ms

Loss rate: 0.85%

Run 2: Report of Sprout — Data Link

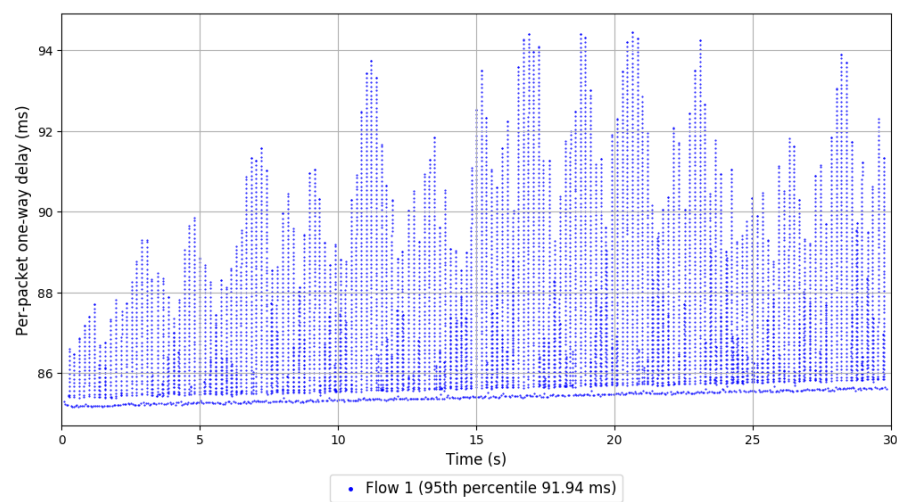
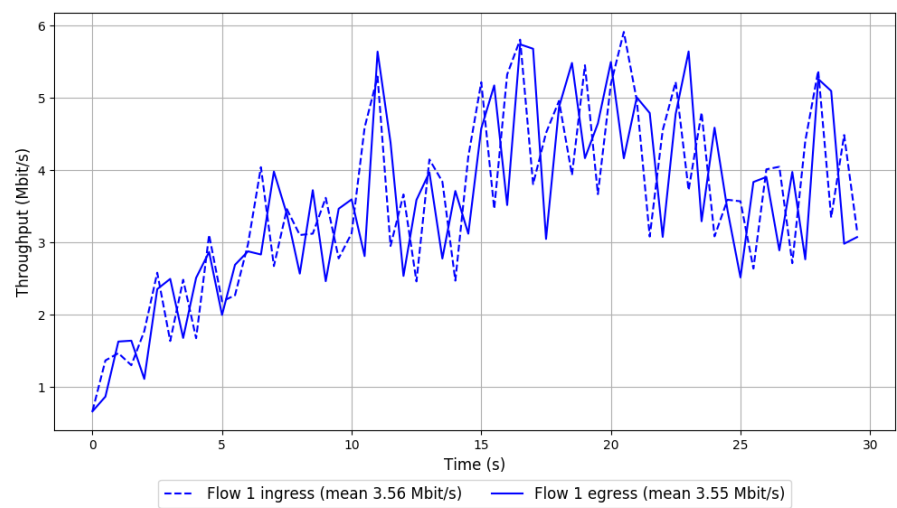


Run 3: Statistics of Sprout

Start at: 2018-02-15 22:49:01
End at: 2018-02-15 22:49:31
Local clock offset: -33.144 ms
Remote clock offset: -1.142 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.55 Mbit/s
95th percentile per-packet one-way delay: 91.935 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 3.55 Mbit/s
95th percentile per-packet one-way delay: 91.935 ms
Loss rate: 0.75%

Run 3: Report of Sprout — Data Link

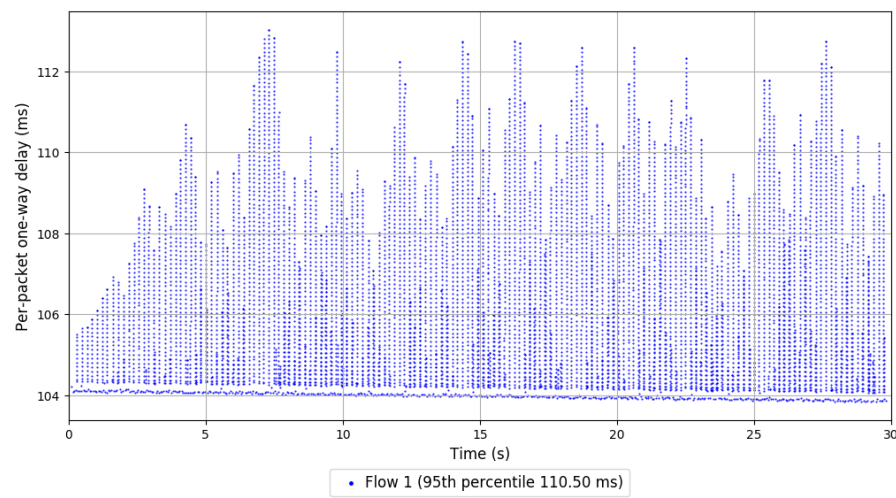
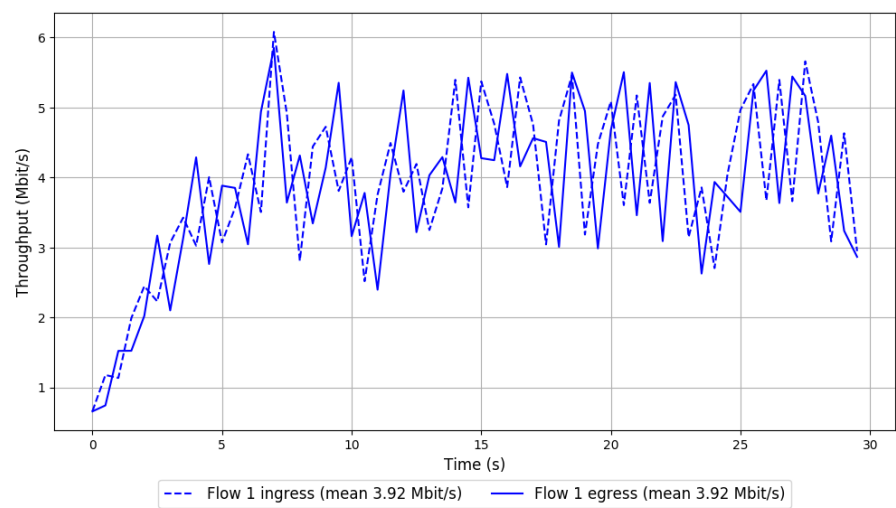


Run 4: Statistics of Sprout

Start at: 2018-02-15 23:11:01
End at: 2018-02-15 23:11:31
Local clock offset: 8.878 ms
Remote clock offset: -0.638 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.92 Mbit/s
95th percentile per-packet one-way delay: 110.499 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 3.92 Mbit/s
95th percentile per-packet one-way delay: 110.499 ms
Loss rate: 0.63%

Run 4: Report of Sprout — Data Link

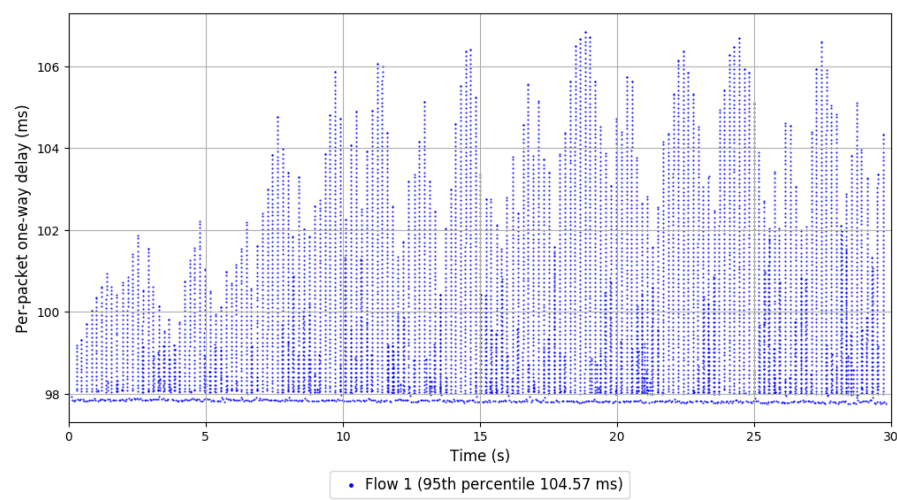
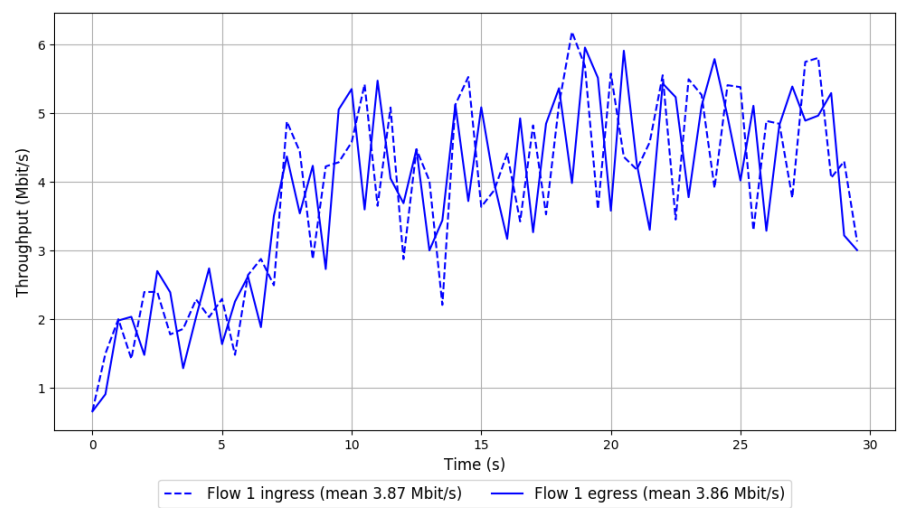


Run 5: Statistics of Sprout

Start at: 2018-02-15 23:33:02
End at: 2018-02-15 23:33:32
Local clock offset: 2.683 ms
Remote clock offset: -4.541 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.86 Mbit/s
95th percentile per-packet one-way delay: 104.566 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 3.86 Mbit/s
95th percentile per-packet one-way delay: 104.566 ms
Loss rate: 0.72%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-02-15 23:55:01

End at: 2018-02-15 23:55:31

Local clock offset: 6.098 ms

Remote clock offset: -4.72 ms

Below is generated by plot.py at 2018-02-16 05:29:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.47 Mbit/s

95th percentile per-packet one-way delay: 112.064 ms

Loss rate: 1.00%

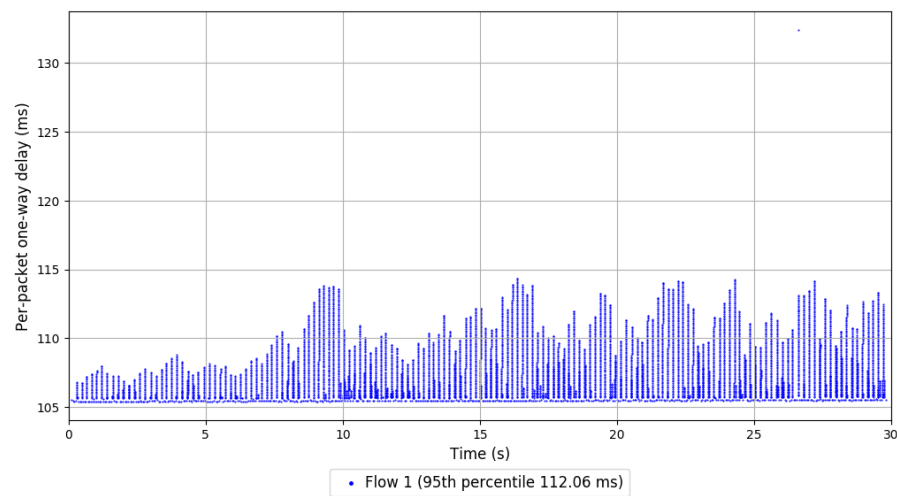
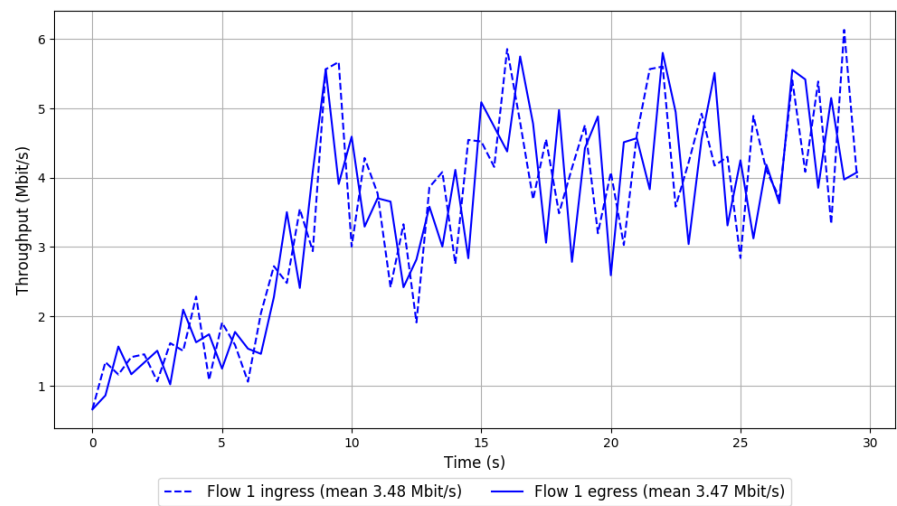
-- Flow 1:

Average throughput: 3.47 Mbit/s

95th percentile per-packet one-way delay: 112.064 ms

Loss rate: 1.00%

Run 6: Report of Sprout — Data Link

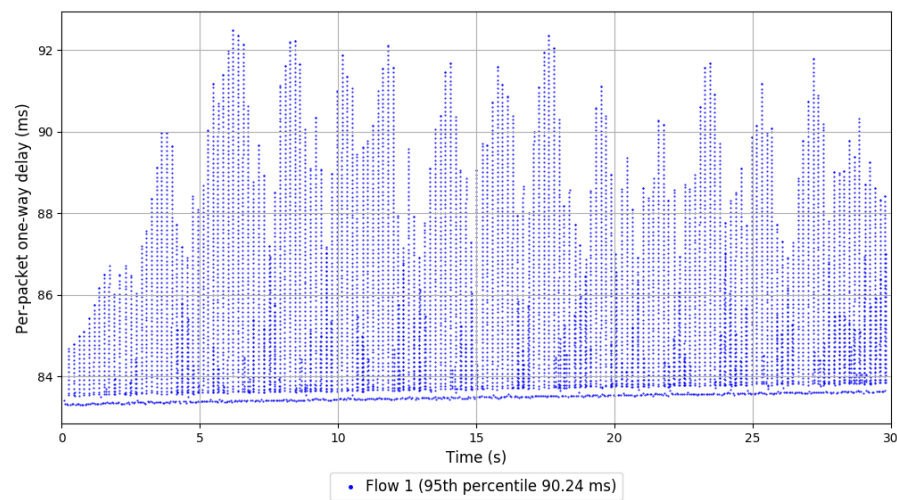
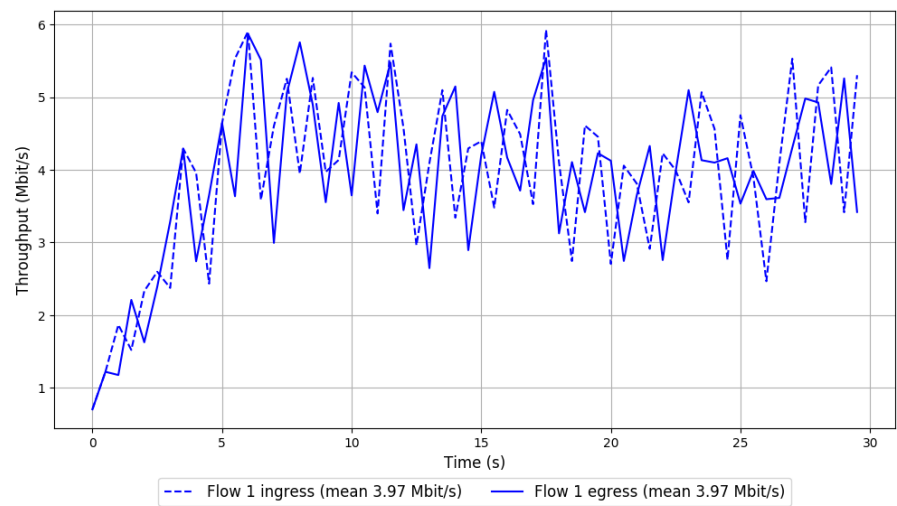


Run 7: Statistics of Sprout

Start at: 2018-02-16 00:17:02
End at: 2018-02-16 00:17:32
Local clock offset: -29.576 ms
Remote clock offset: -4.091 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.97 Mbit/s
95th percentile per-packet one-way delay: 90.244 ms
Loss rate: 0.79%
-- Flow 1:
Average throughput: 3.97 Mbit/s
95th percentile per-packet one-way delay: 90.244 ms
Loss rate: 0.79%

Run 7: Report of Sprout — Data Link

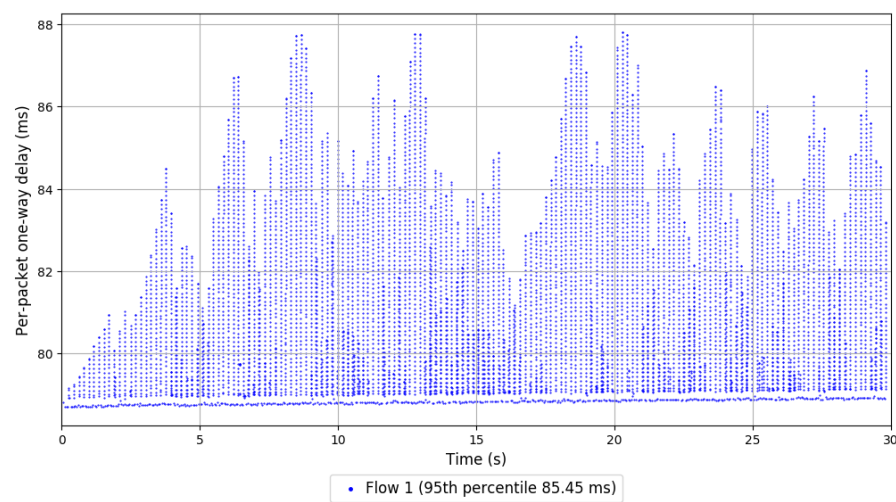
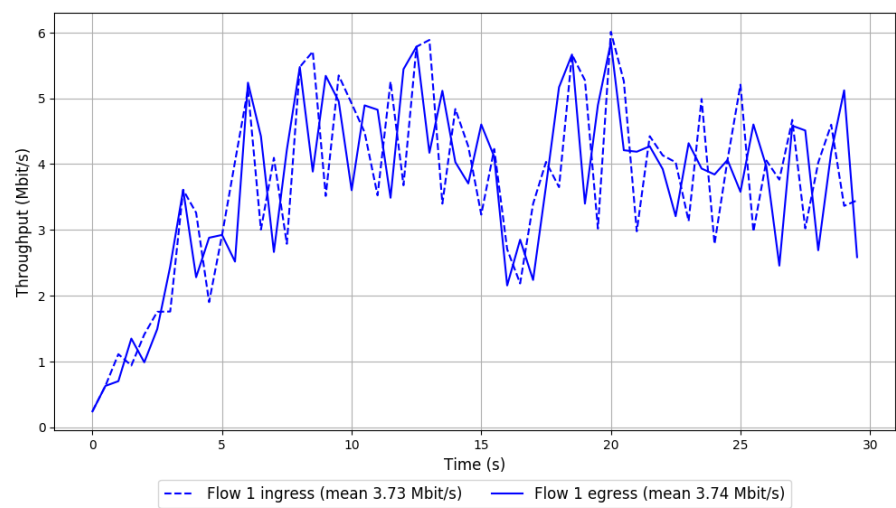


Run 8: Statistics of Sprout

Start at: 2018-02-16 00:39:02
End at: 2018-02-16 00:39:32
Local clock offset: -40.269 ms
Remote clock offset: -0.527 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.74 Mbit/s
95th percentile per-packet one-way delay: 85.452 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 3.74 Mbit/s
95th percentile per-packet one-way delay: 85.452 ms
Loss rate: 0.39%

Run 8: Report of Sprout — Data Link

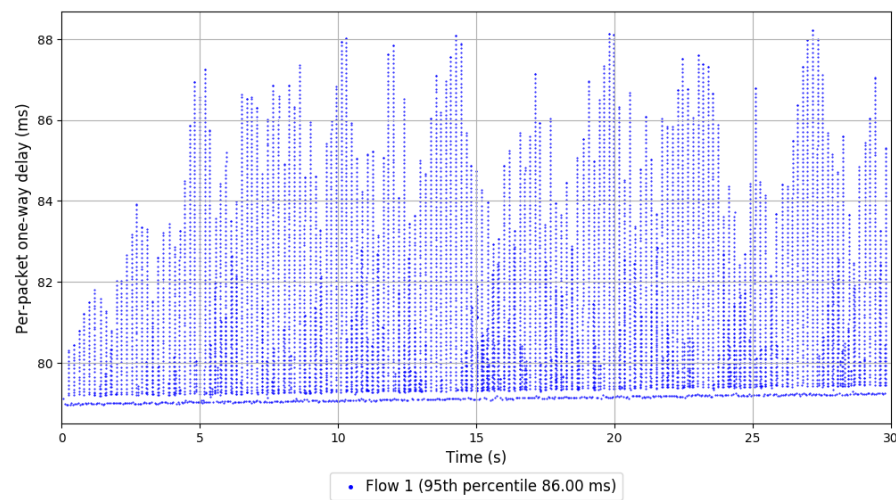
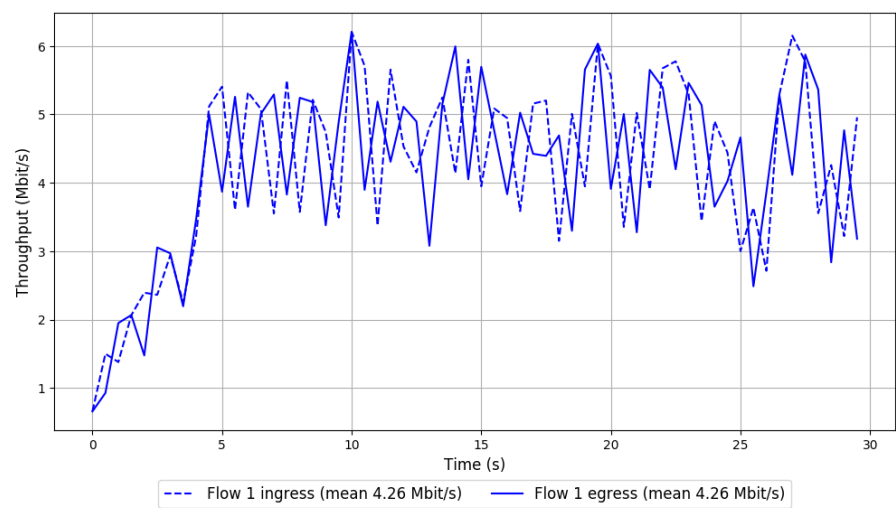


Run 9: Statistics of Sprout

Start at: 2018-02-16 01:01:06
End at: 2018-02-16 01:01:36
Local clock offset: -49.357 ms
Remote clock offset: 1.407 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.26 Mbit/s
95th percentile per-packet one-way delay: 86.002 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 4.26 Mbit/s
95th percentile per-packet one-way delay: 86.002 ms
Loss rate: 0.70%

Run 9: Report of Sprout — Data Link

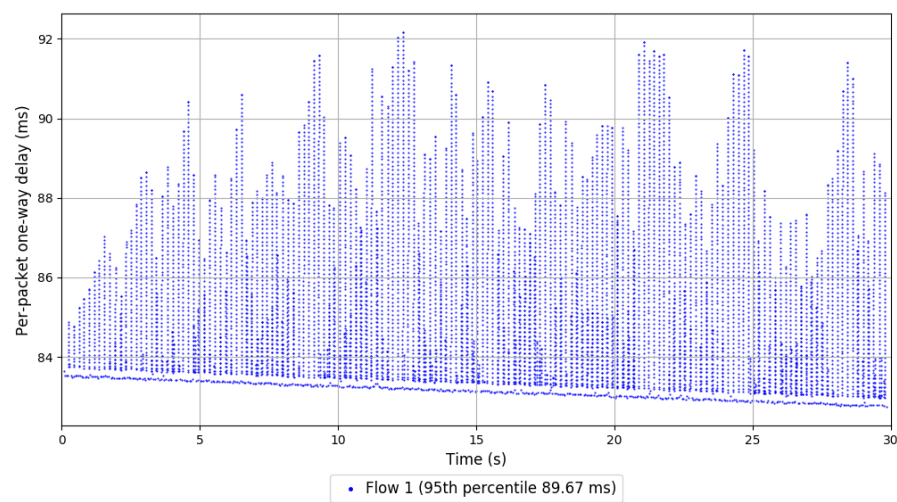
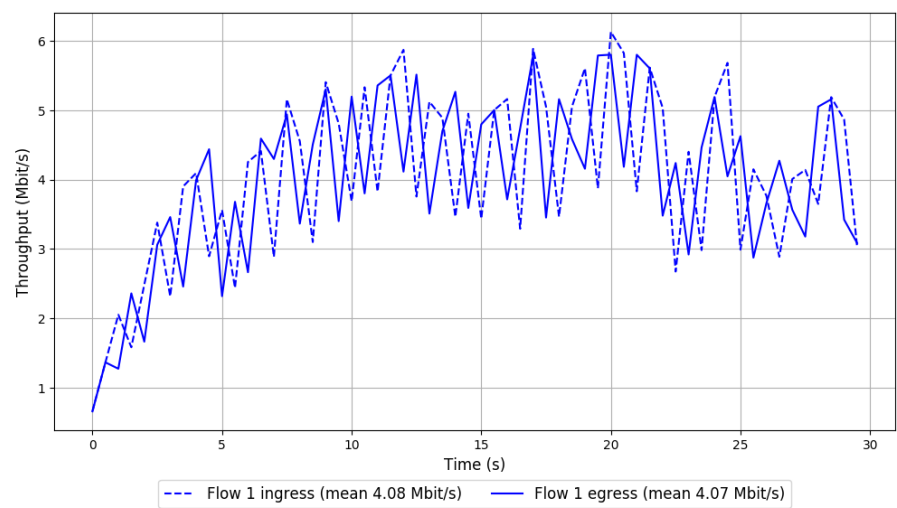


Run 10: Statistics of Sprout

Start at: 2018-02-16 01:23:08
End at: 2018-02-16 01:23:38
Local clock offset: -11.24 ms
Remote clock offset: -2.884 ms

Below is generated by plot.py at 2018-02-16 05:29:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 4.07 Mbit/s
95th percentile per-packet one-way delay: 89.671 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 4.07 Mbit/s
95th percentile per-packet one-way delay: 89.671 ms
Loss rate: 0.59%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-02-15 22:10:52

End at: 2018-02-15 22:11:22

Local clock offset: -18.96 ms

Remote clock offset: -3.12 ms

Below is generated by plot.py at 2018-02-16 05:31:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.96 Mbit/s

95th percentile per-packet one-way delay: 94.763 ms

Loss rate: 0.54%

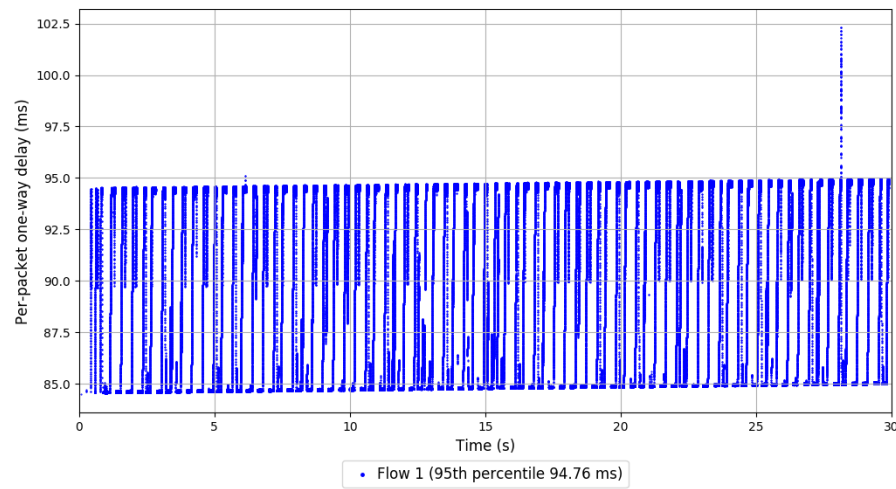
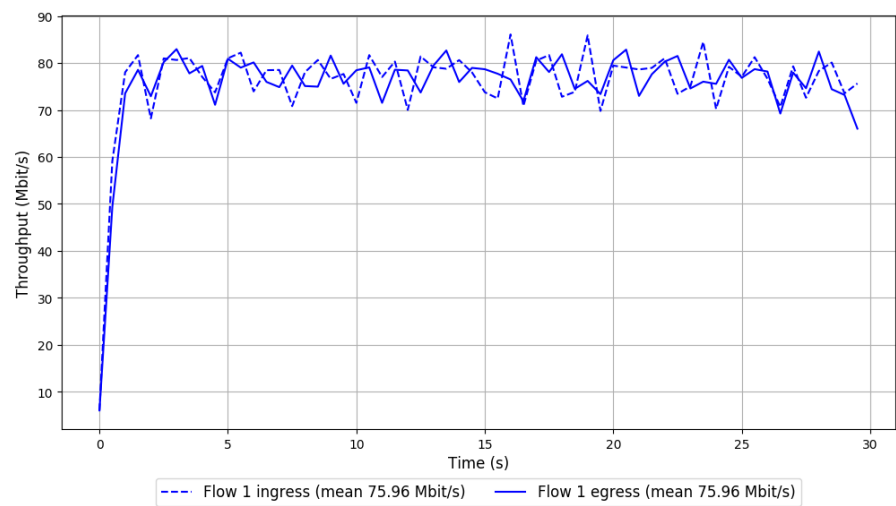
-- Flow 1:

Average throughput: 75.96 Mbit/s

95th percentile per-packet one-way delay: 94.763 ms

Loss rate: 0.54%

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

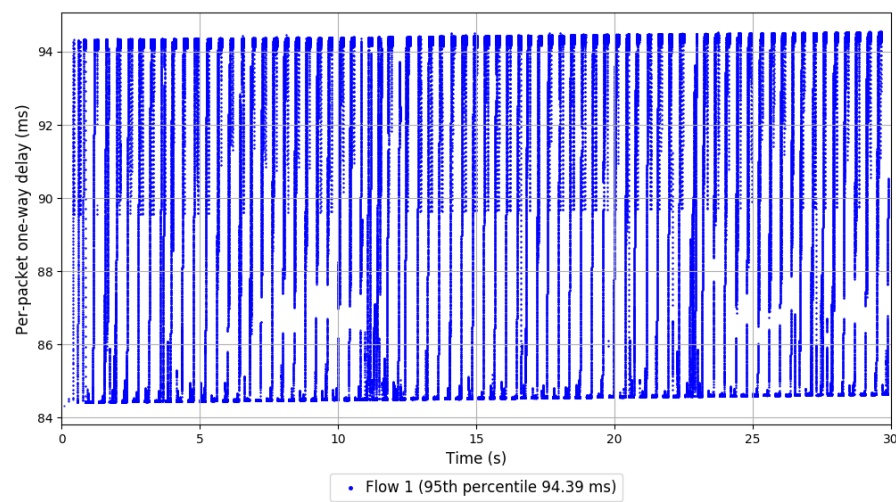
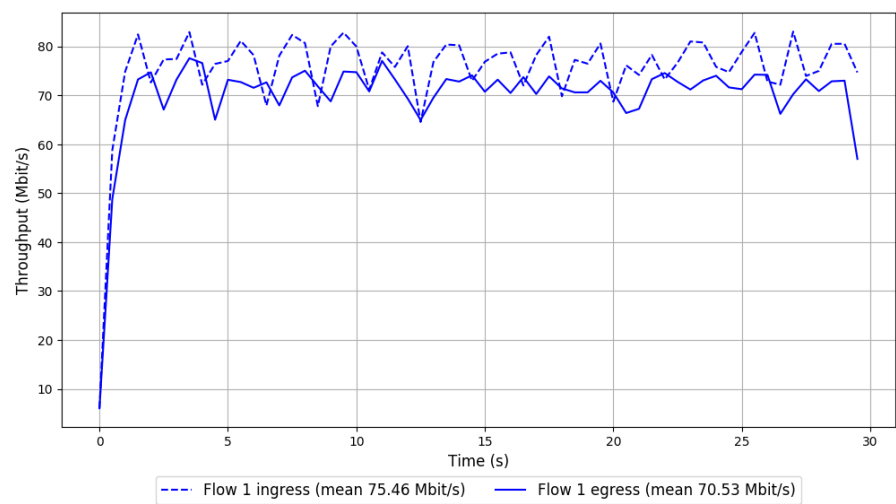


Run 2: Statistics of TaoVA-100x

Start at: 2018-02-15 22:33:01
End at: 2018-02-15 22:33:31
Local clock offset: -22.544 ms
Remote clock offset: -2.492 ms

Below is generated by plot.py at 2018-02-16 05:31:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.53 Mbit/s
95th percentile per-packet one-way delay: 94.388 ms
Loss rate: 7.02%
-- Flow 1:
Average throughput: 70.53 Mbit/s
95th percentile per-packet one-way delay: 94.388 ms
Loss rate: 7.02%

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

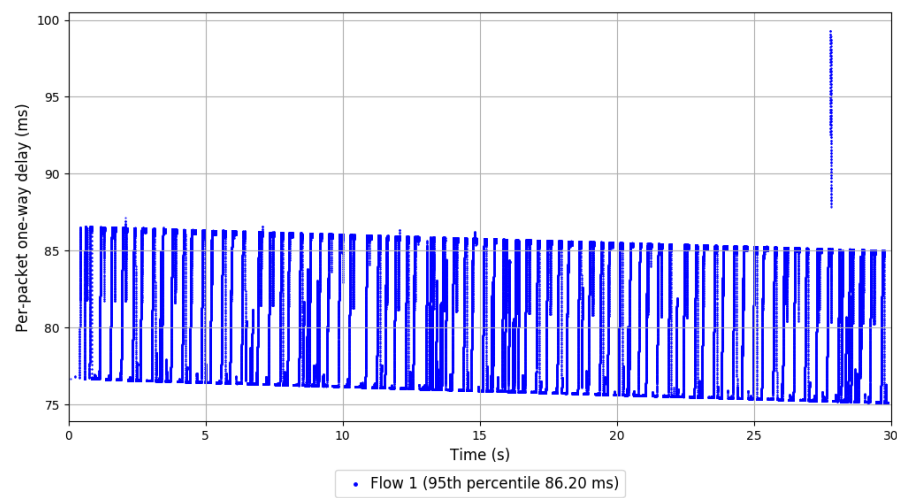
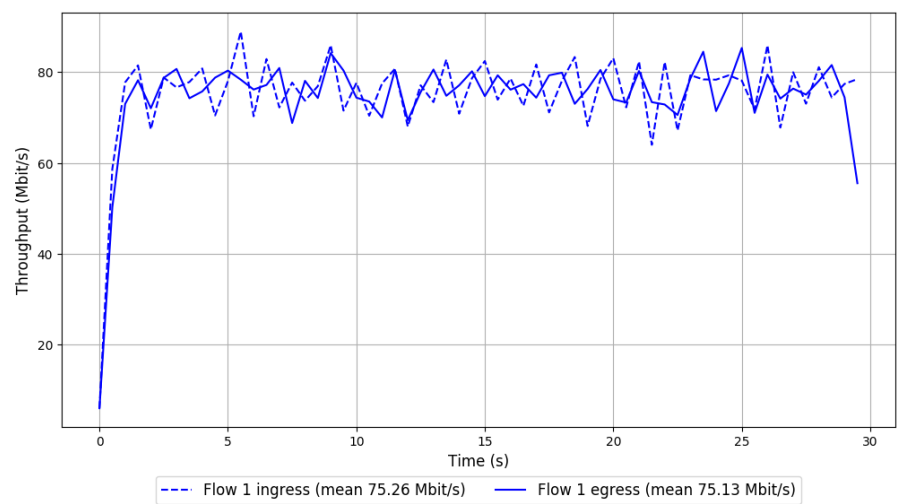


Run 3: Statistics of TaoVA-100x

Start at: 2018-02-15 22:55:06
End at: 2018-02-15 22:55:36
Local clock offset: -32.621 ms
Remote clock offset: 3.862 ms

Below is generated by plot.py at 2018-02-16 05:31:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.13 Mbit/s
95th percentile per-packet one-way delay: 86.197 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 75.13 Mbit/s
95th percentile per-packet one-way delay: 86.197 ms
Loss rate: 0.74%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-02-15 23:17:07

End at: 2018-02-15 23:17:37

Local clock offset: 5.311 ms

Remote clock offset: -2.096 ms

Below is generated by plot.py at 2018-02-16 05:31:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.33 Mbit/s

95th percentile per-packet one-way delay: 109.373 ms

Loss rate: 0.74%

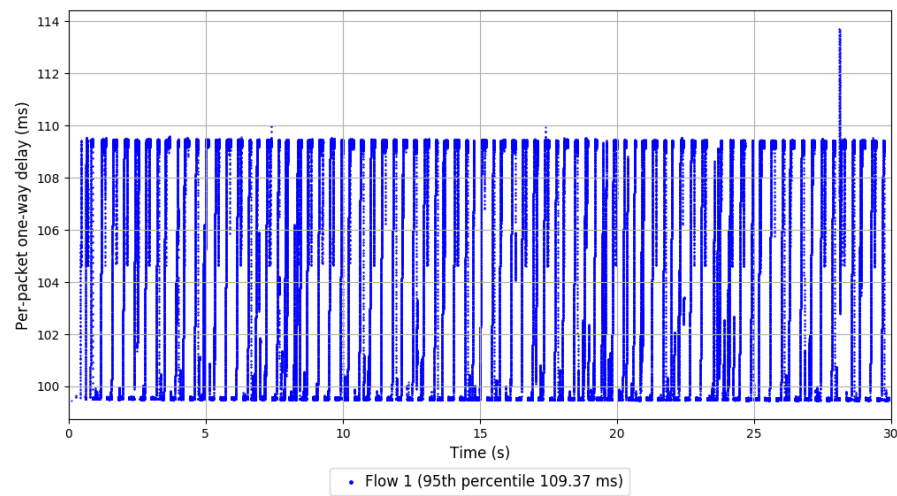
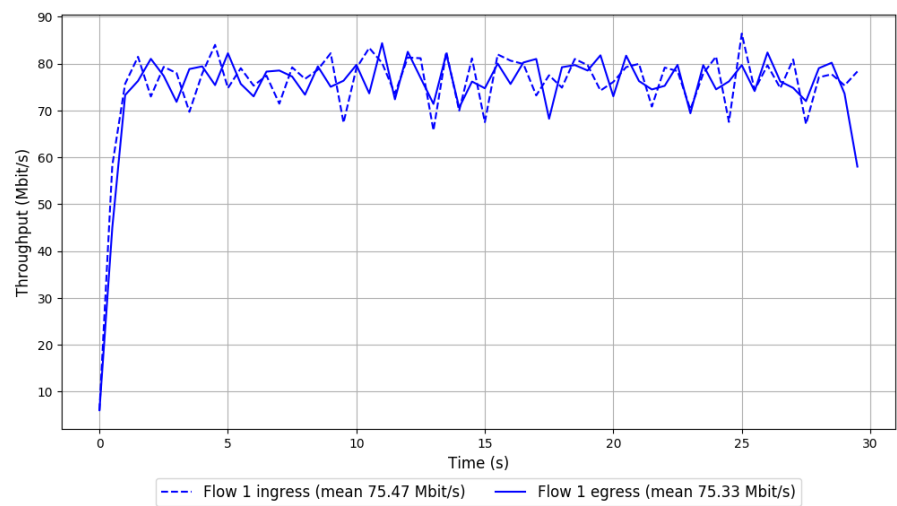
-- Flow 1:

Average throughput: 75.33 Mbit/s

95th percentile per-packet one-way delay: 109.373 ms

Loss rate: 0.74%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-02-15 23:39:07

End at: 2018-02-15 23:39:37

Local clock offset: 5.38 ms

Remote clock offset: 1.68 ms

Below is generated by plot.py at 2018-02-16 05:31:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.00 Mbit/s

95th percentile per-packet one-way delay: 102.628 ms

Loss rate: 0.44%

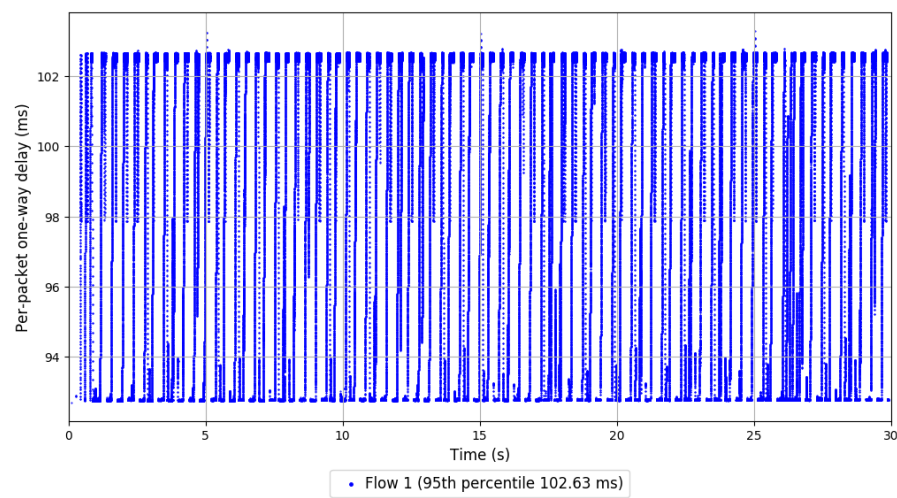
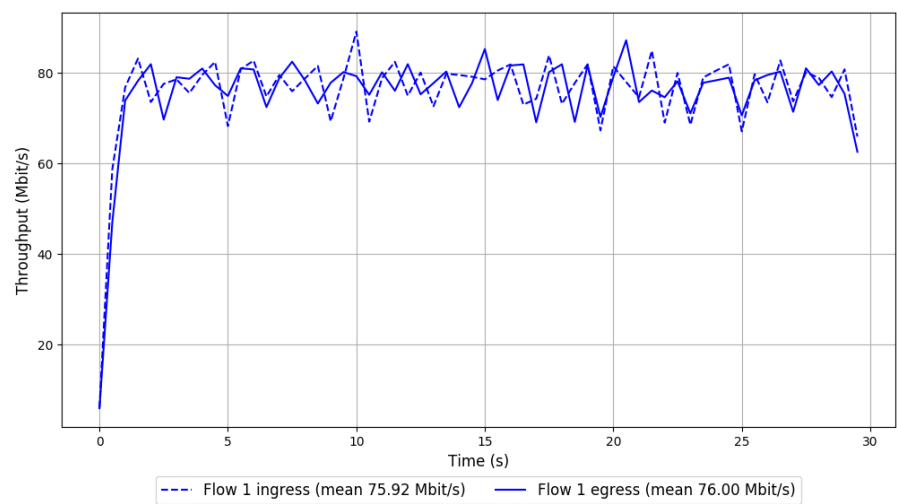
-- Flow 1:

Average throughput: 76.00 Mbit/s

95th percentile per-packet one-way delay: 102.628 ms

Loss rate: 0.44%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-02-16 00:01:06

End at: 2018-02-16 00:01:36

Local clock offset: 7.984 ms

Remote clock offset: 0.874 ms

Below is generated by plot.py at 2018-02-16 05:31:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.50 Mbit/s

95th percentile per-packet one-way delay: 110.256 ms

Loss rate: 0.73%

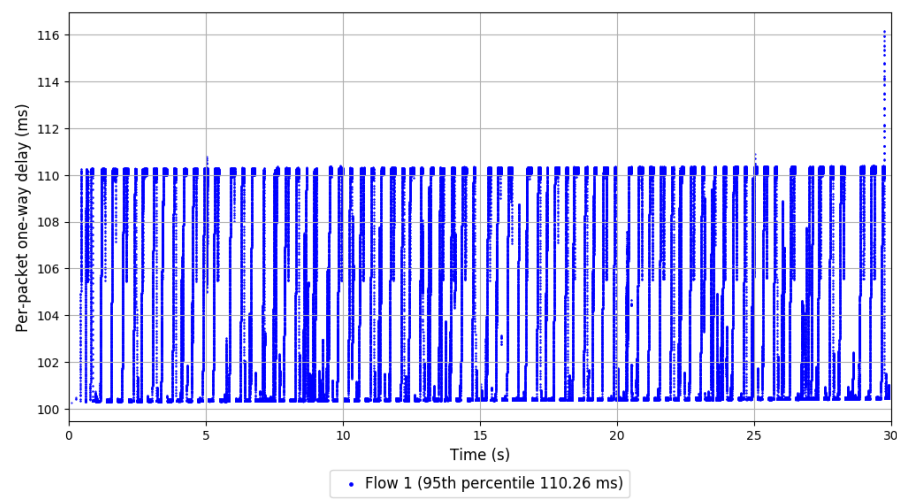
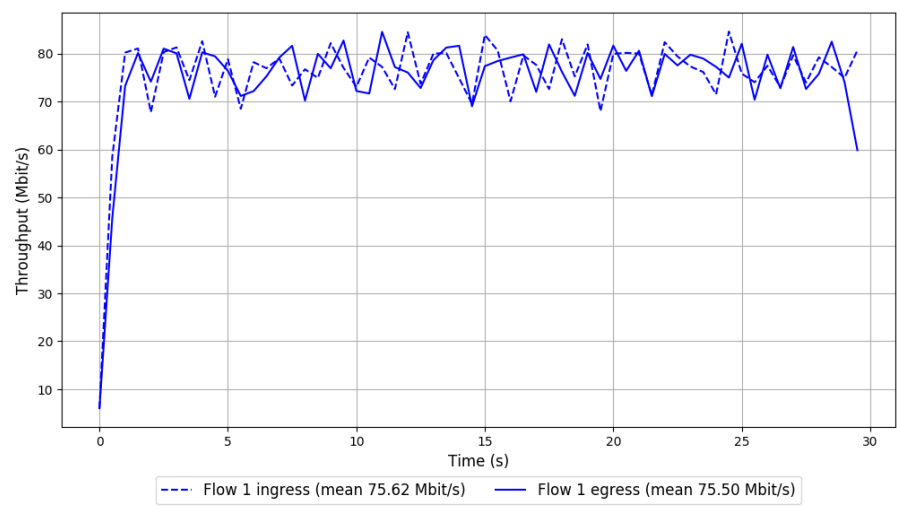
-- Flow 1:

Average throughput: 75.50 Mbit/s

95th percentile per-packet one-way delay: 110.256 ms

Loss rate: 0.73%

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

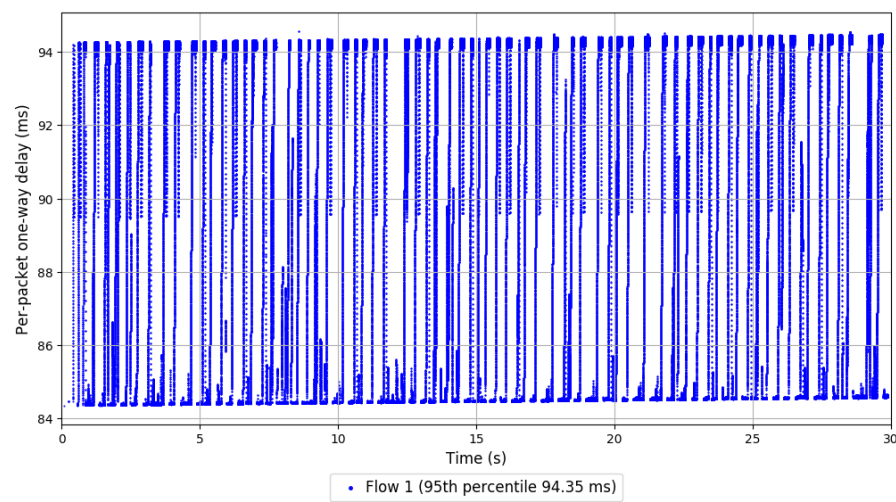
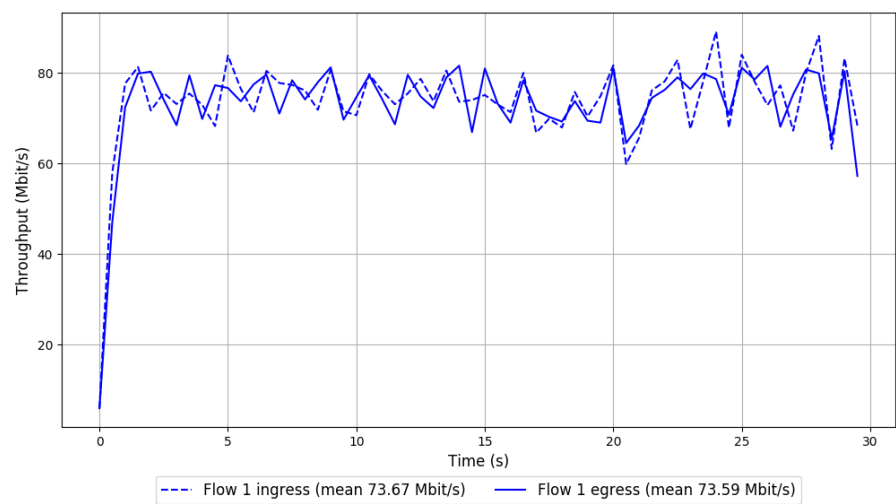


Run 7: Statistics of TaoVA-100x

Start at: 2018-02-16 00:23:07
End at: 2018-02-16 00:23:37
Local clock offset: -32.973 ms
Remote clock offset: -4.413 ms

Below is generated by plot.py at 2018-02-16 05:31:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.59 Mbit/s
95th percentile per-packet one-way delay: 94.348 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 73.59 Mbit/s
95th percentile per-packet one-way delay: 94.348 ms
Loss rate: 0.66%

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

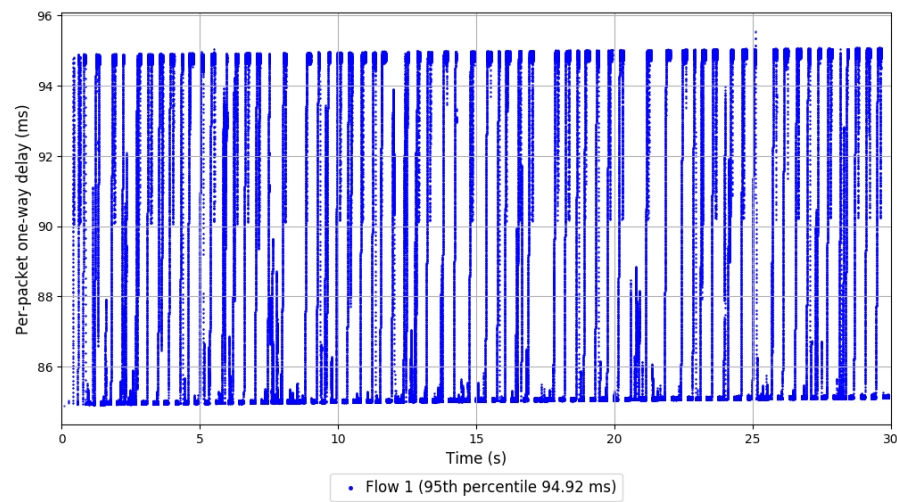
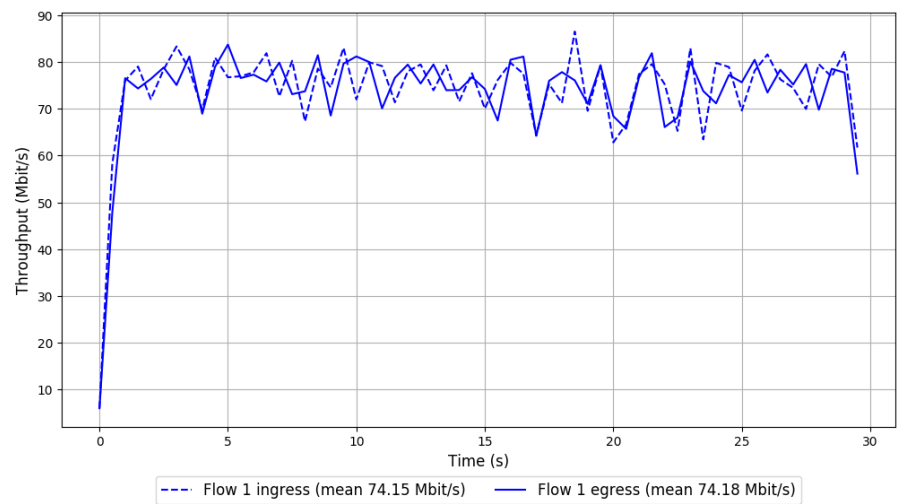


Run 8: Statistics of TaoVA-100x

Start at: 2018-02-16 00:45:07
End at: 2018-02-16 00:45:37
Local clock offset: -42.887 ms
Remote clock offset: -5.612 ms

Below is generated by plot.py at 2018-02-16 05:31:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.18 Mbit/s
95th percentile per-packet one-way delay: 94.919 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 74.18 Mbit/s
95th percentile per-packet one-way delay: 94.919 ms
Loss rate: 0.53%

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

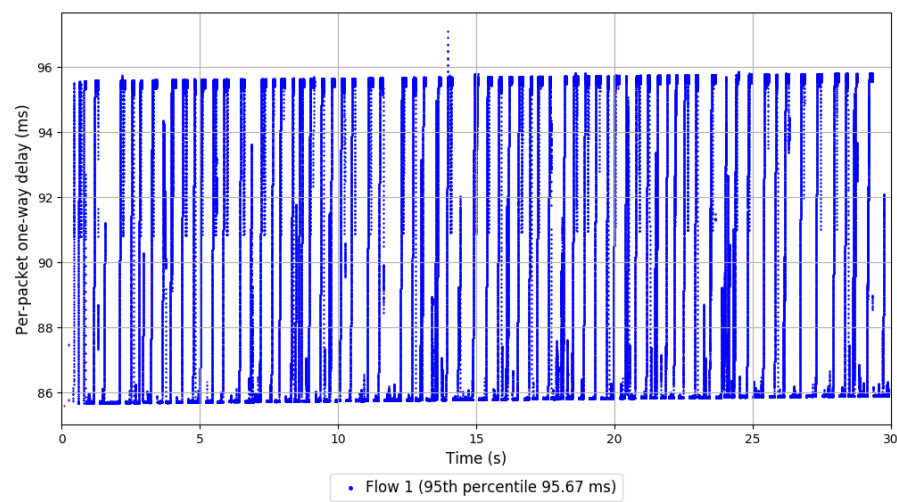
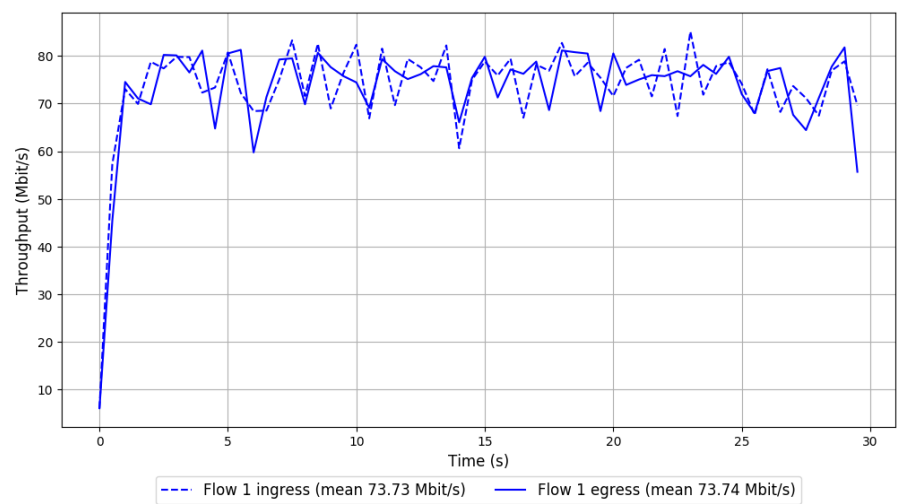


Run 9: Statistics of TaoVA-100x

Start at: 2018-02-16 01:07:07
End at: 2018-02-16 01:07:37
Local clock offset: -51.691 ms
Remote clock offset: -4.438 ms

Below is generated by plot.py at 2018-02-16 05:33:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.74 Mbit/s
95th percentile per-packet one-way delay: 95.666 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 73.74 Mbit/s
95th percentile per-packet one-way delay: 95.666 ms
Loss rate: 0.56%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-16 01:29:11

End at: 2018-02-16 01:29:41

Local clock offset: -3.09 ms

Remote clock offset: 2.956 ms

Below is generated by plot.py at 2018-02-16 05:33:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.00 Mbit/s

95th percentile per-packet one-way delay: 88.051 ms

Loss rate: 0.44%

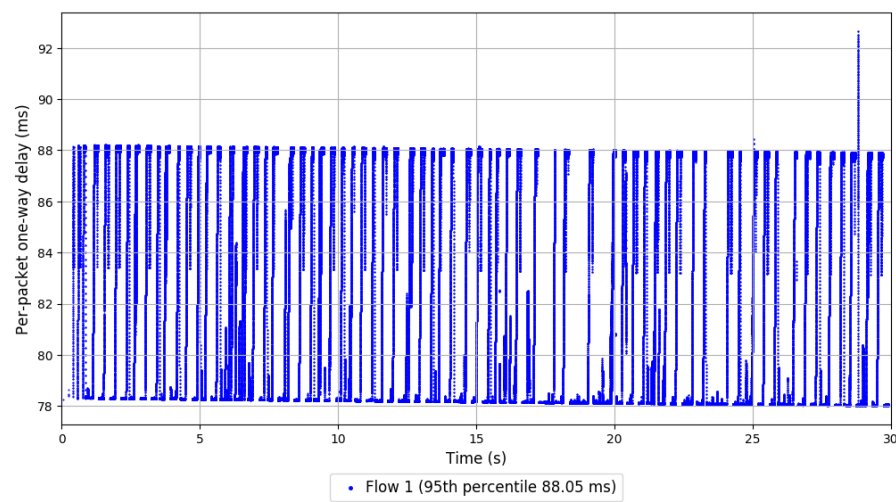
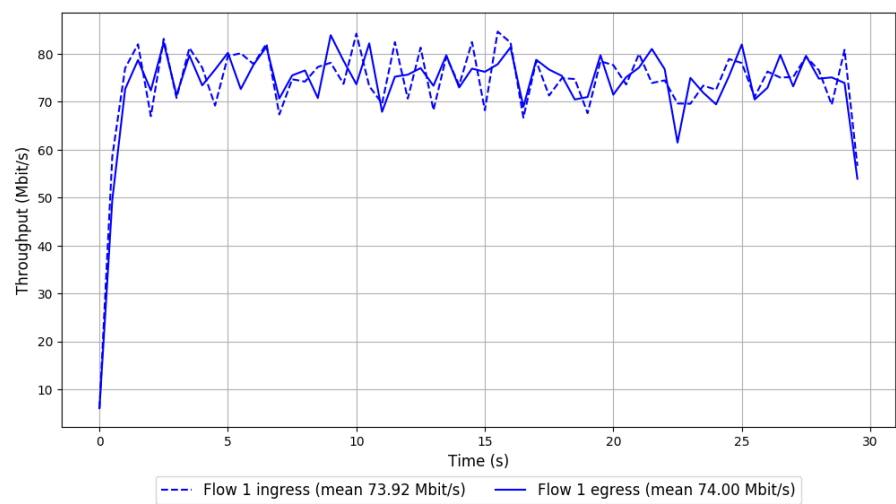
-- Flow 1:

Average throughput: 74.00 Mbit/s

95th percentile per-packet one-way delay: 88.051 ms

Loss rate: 0.44%

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

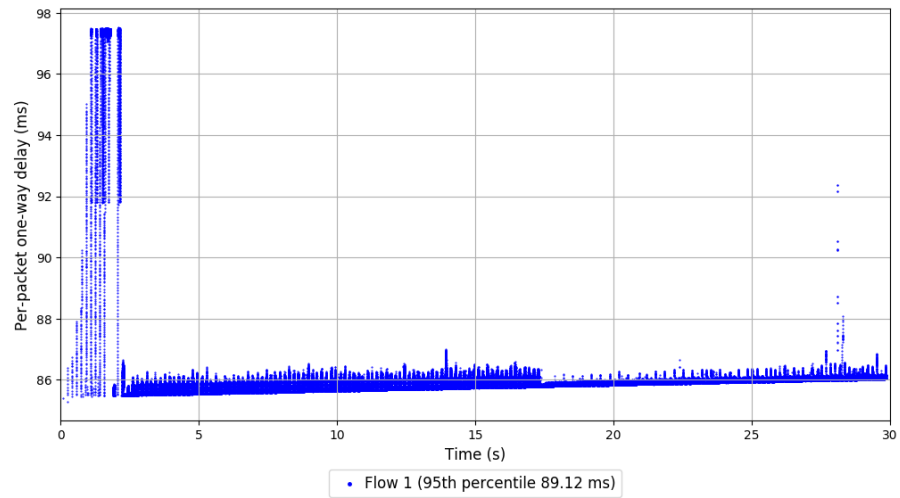
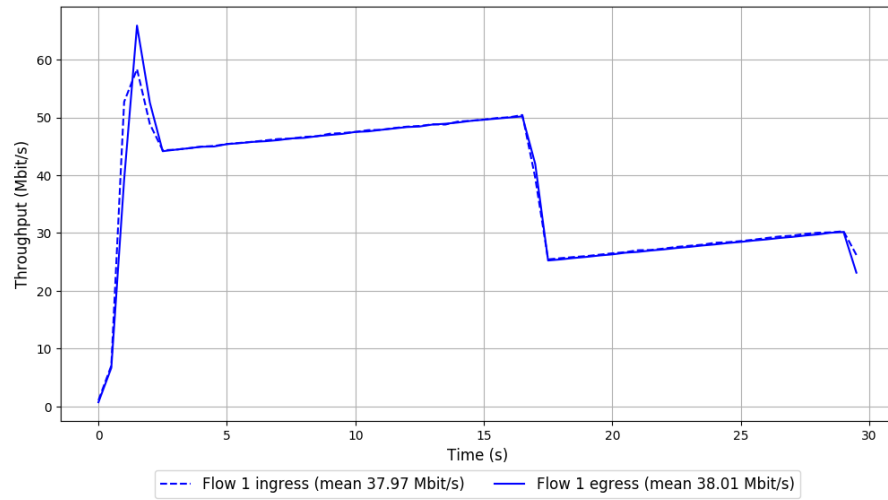


Run 1: Statistics of TCP Vegas

Start at: 2018-02-15 22:15:50
End at: 2018-02-15 22:16:20
Local clock offset: -23.854 ms
Remote clock offset: -2.913 ms

Below is generated by plot.py at 2018-02-16 05:33:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 38.01 Mbit/s
95th percentile per-packet one-way delay: 89.120 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 38.01 Mbit/s
95th percentile per-packet one-way delay: 89.120 ms
Loss rate: 0.45%

Run 1: Report of TCP Vegas — Data Link

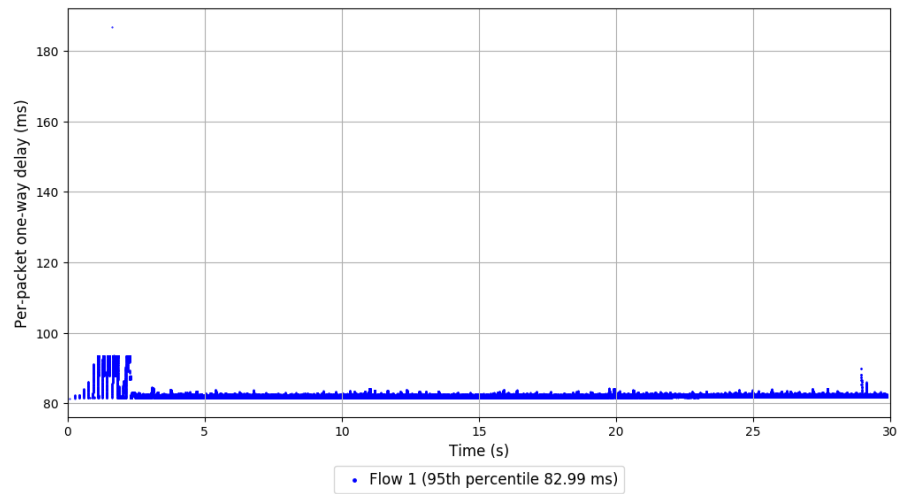
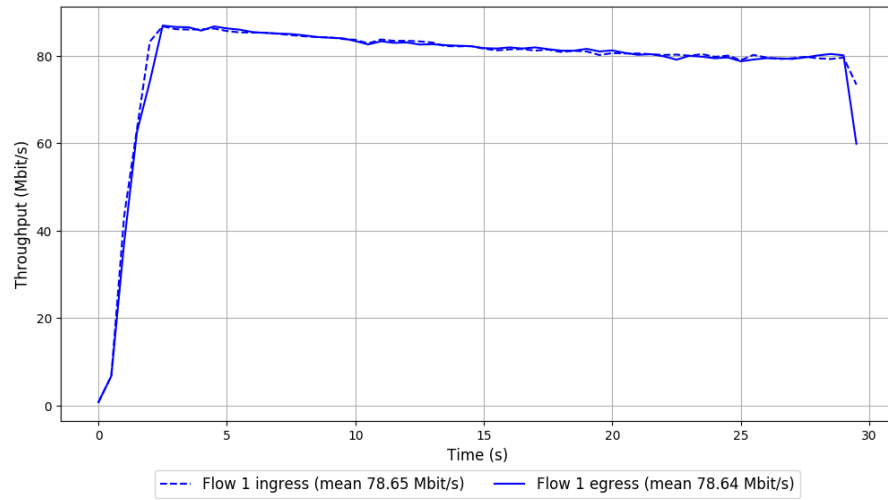


Run 2: Statistics of TCP Vegas

Start at: 2018-02-15 22:38:01
End at: 2018-02-15 22:38:31
Local clock offset: -25.096 ms
Remote clock offset: 2.569 ms

Below is generated by plot.py at 2018-02-16 05:33:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.64 Mbit/s
95th percentile per-packet one-way delay: 82.988 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 78.64 Mbit/s
95th percentile per-packet one-way delay: 82.988 ms
Loss rate: 0.57%

Run 2: Report of TCP Vegas — Data Link

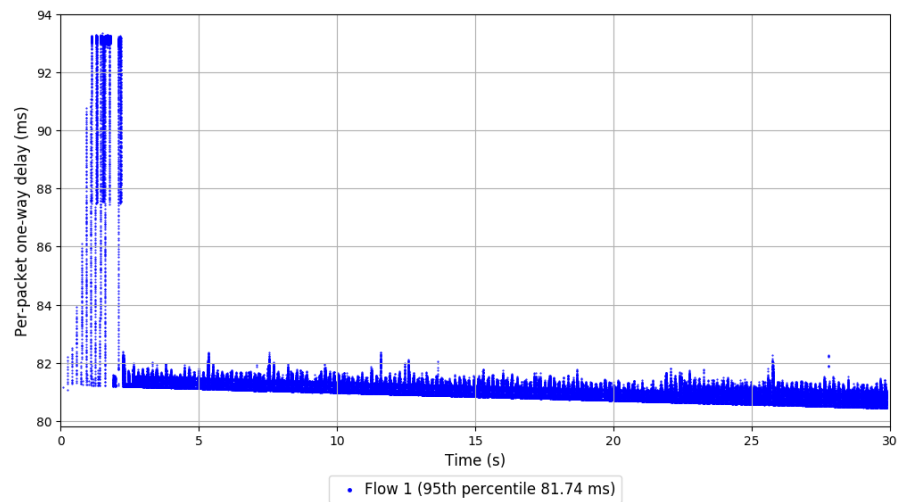
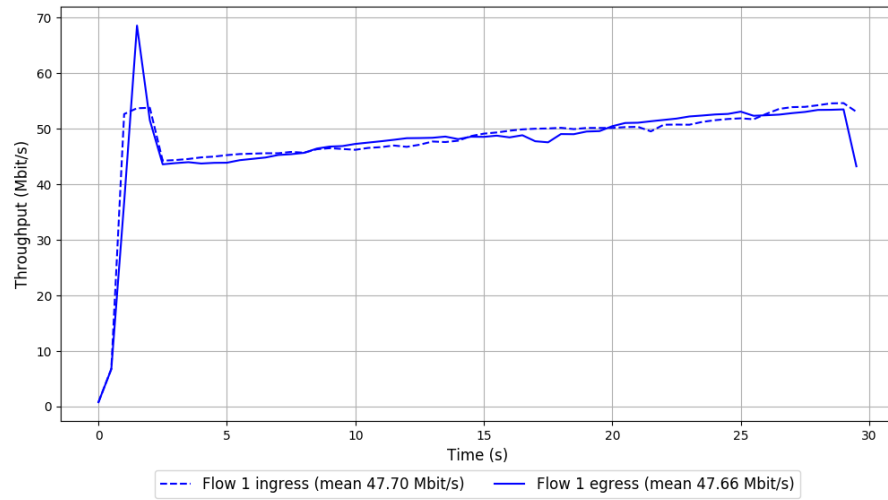


Run 3: Statistics of TCP Vegas

Start at: 2018-02-15 23:00:03
End at: 2018-02-15 23:00:33
Local clock offset: -18.692 ms
Remote clock offset: 3.996 ms

Below is generated by plot.py at 2018-02-16 05:33:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.66 Mbit/s
95th percentile per-packet one-way delay: 81.738 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 47.66 Mbit/s
95th percentile per-packet one-way delay: 81.738 ms
Loss rate: 0.64%

Run 3: Report of TCP Vegas — Data Link

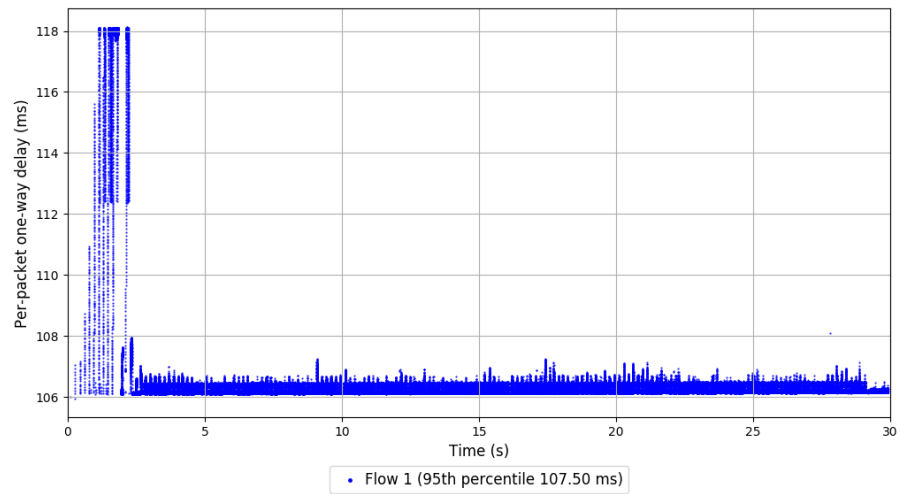
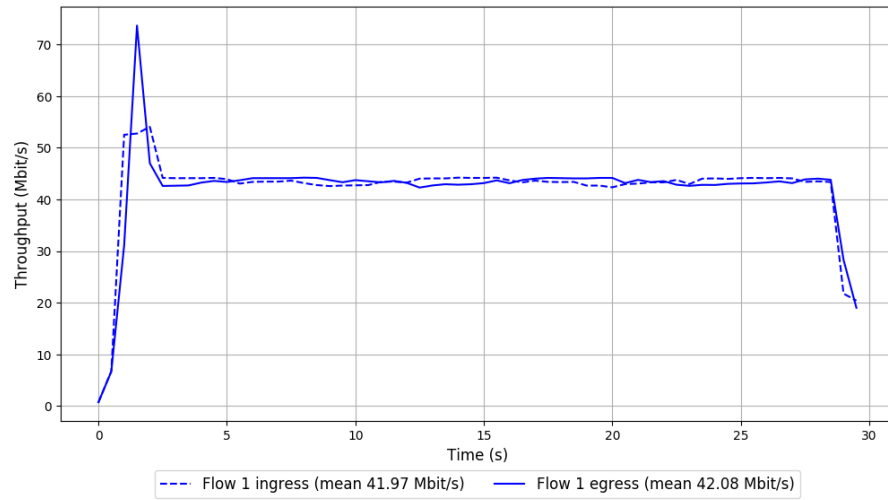


Run 4: Statistics of TCP Vegas

Start at: 2018-02-15 23:22:04
End at: 2018-02-15 23:22:34
Local clock offset: 9.858 ms
Remote clock offset: -2.861 ms

Below is generated by plot.py at 2018-02-16 05:33:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 42.08 Mbit/s
95th percentile per-packet one-way delay: 107.495 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 42.08 Mbit/s
95th percentile per-packet one-way delay: 107.495 ms
Loss rate: 0.29%

Run 4: Report of TCP Vegas — Data Link

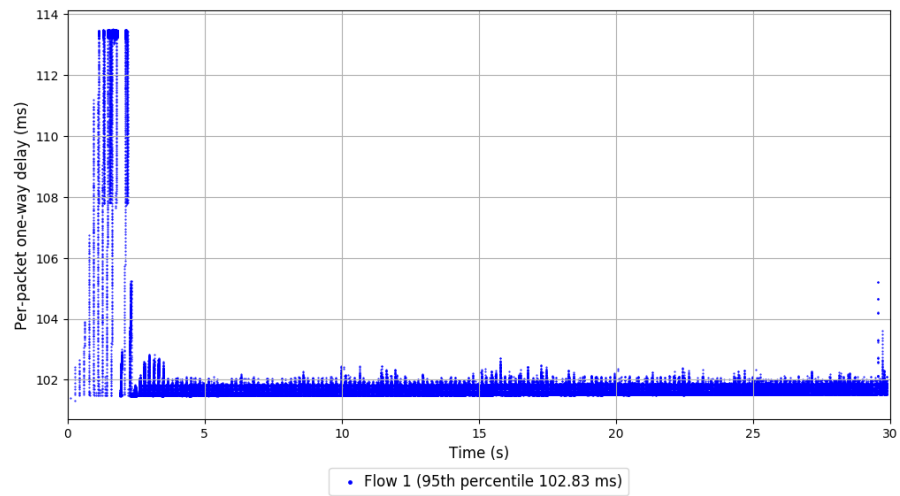
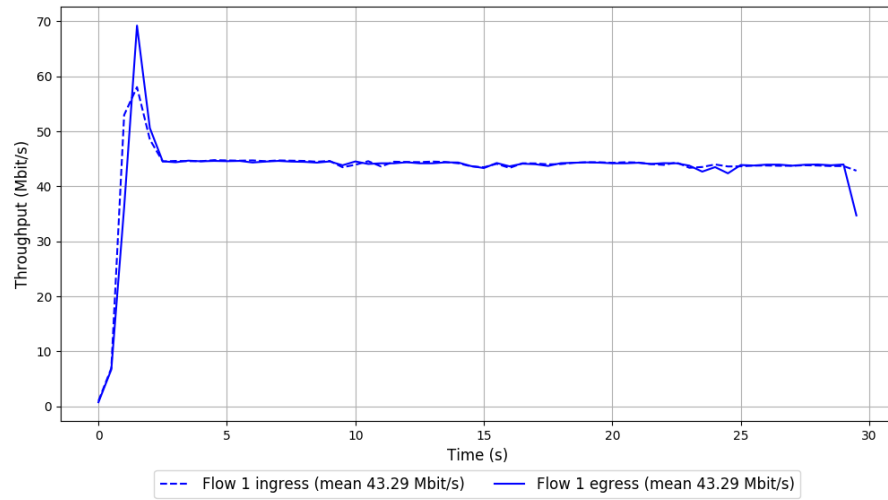


Run 5: Statistics of TCP Vegas

Start at: 2018-02-15 23:44:04
End at: 2018-02-15 23:44:34
Local clock offset: 11.495 ms
Remote clock offset: -0.147 ms

Below is generated by plot.py at 2018-02-16 05:33:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.29 Mbit/s
95th percentile per-packet one-way delay: 102.834 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 43.29 Mbit/s
95th percentile per-packet one-way delay: 102.834 ms
Loss rate: 0.56%

Run 5: Report of TCP Vegas — Data Link

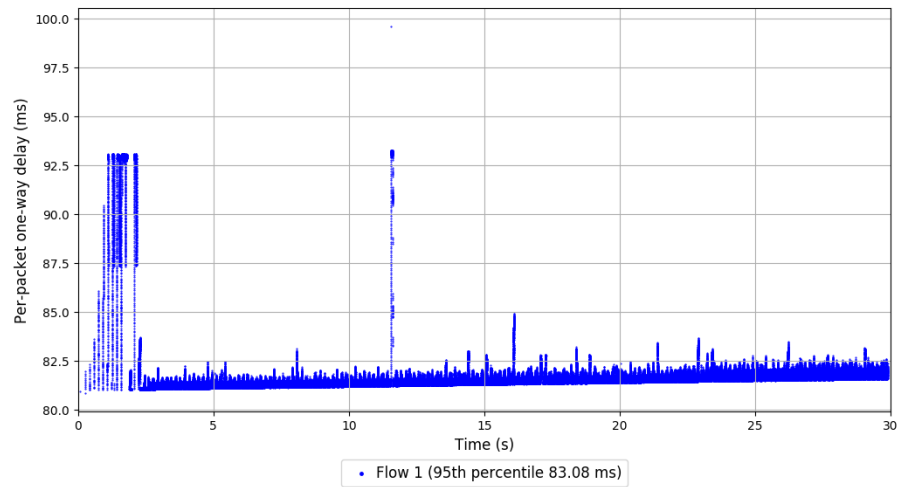
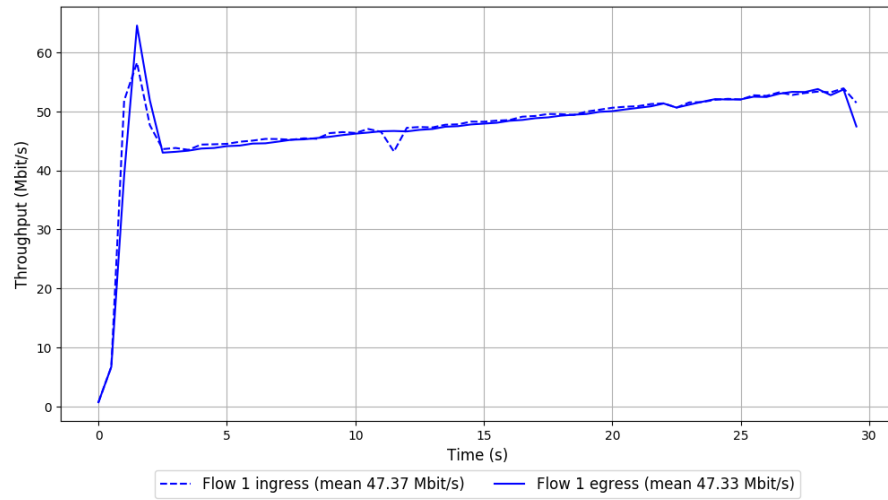


Run 6: Statistics of TCP Vegas

Start at: 2018-02-16 00:06:04
End at: 2018-02-16 00:06:34
Local clock offset: -18.954 ms
Remote clock offset: 0.095 ms

Below is generated by plot.py at 2018-02-16 05:33:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.33 Mbit/s
95th percentile per-packet one-way delay: 83.085 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 47.33 Mbit/s
95th percentile per-packet one-way delay: 83.085 ms
Loss rate: 0.63%

Run 6: Report of TCP Vegas — Data Link

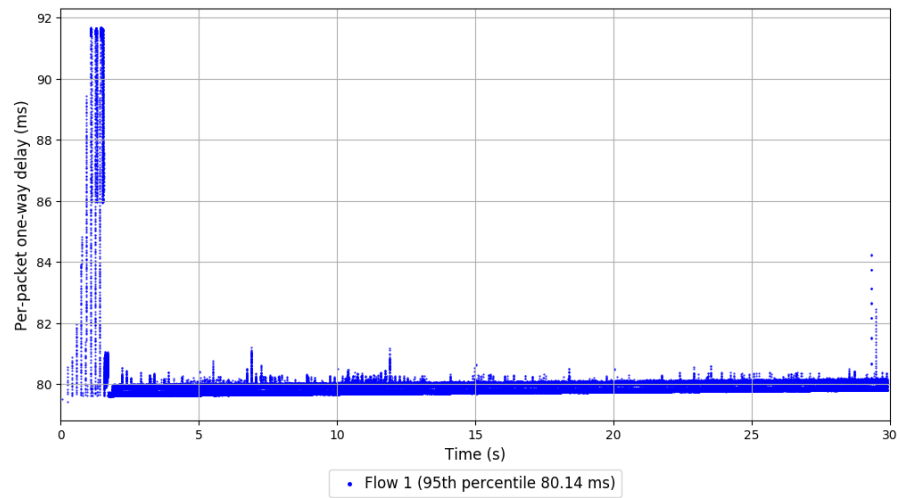
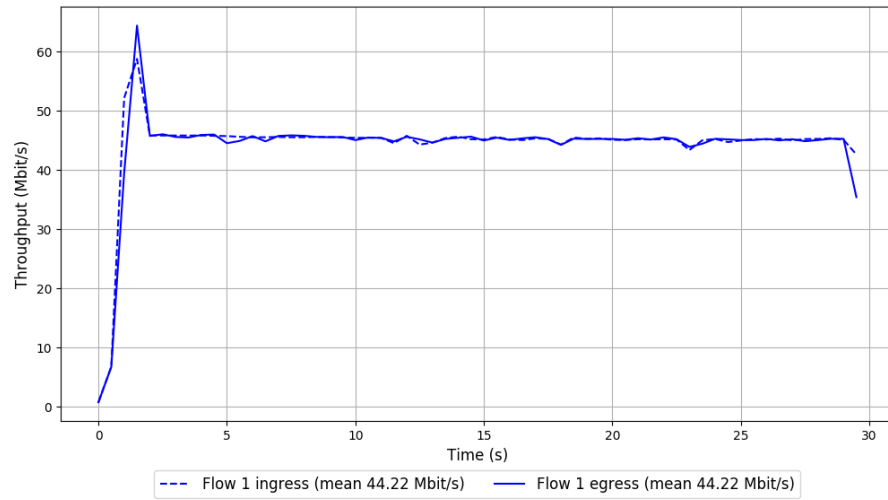


Run 7: Statistics of TCP Vegas

Start at: 2018-02-16 00:28:04
End at: 2018-02-16 00:28:34
Local clock offset: -35.458 ms
Remote clock offset: -0.865 ms

Below is generated by plot.py at 2018-02-16 05:33:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.22 Mbit/s
95th percentile per-packet one-way delay: 80.143 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 44.22 Mbit/s
95th percentile per-packet one-way delay: 80.143 ms
Loss rate: 0.56%

Run 7: Report of TCP Vegas — Data Link

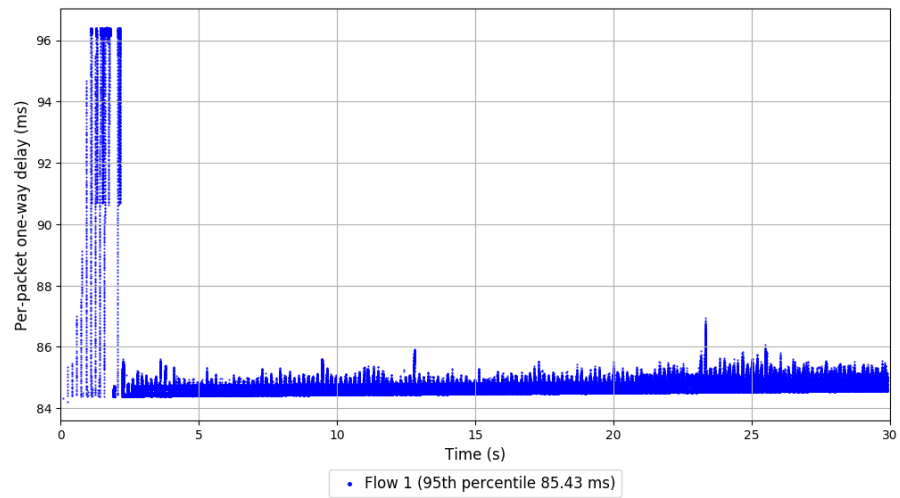
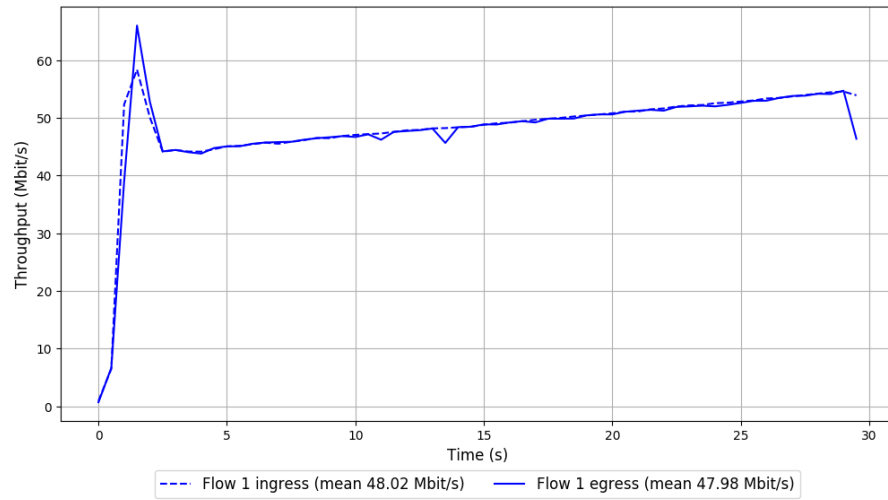


Run 8: Statistics of TCP Vegas

Start at: 2018-02-16 00:50:06
End at: 2018-02-16 00:50:36
Local clock offset: -44.827 ms
Remote clock offset: -5.746 ms

Below is generated by plot.py at 2018-02-16 05:33:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.98 Mbit/s
95th percentile per-packet one-way delay: 85.428 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 47.98 Mbit/s
95th percentile per-packet one-way delay: 85.428 ms
Loss rate: 0.64%

Run 8: Report of TCP Vegas — Data Link

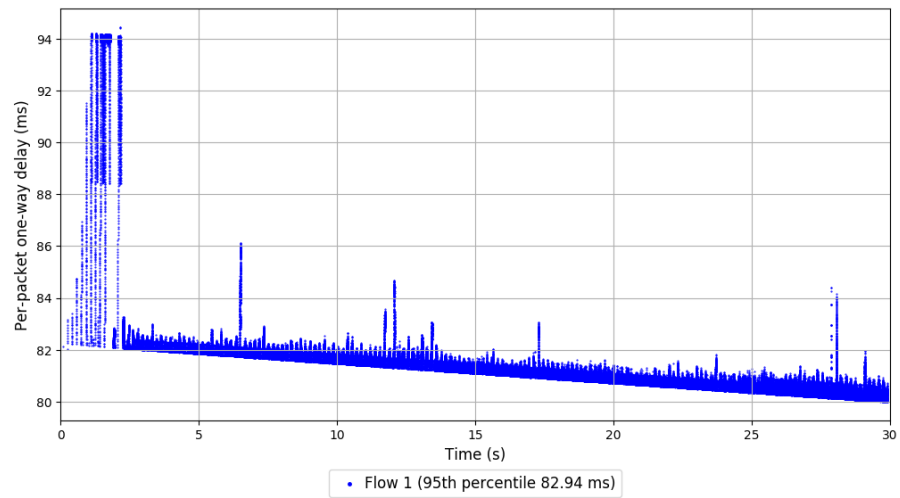
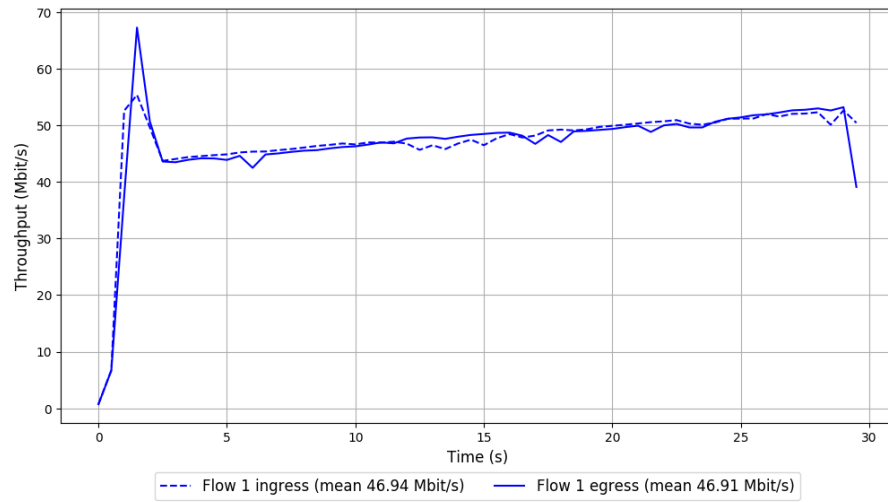


Run 9: Statistics of TCP Vegas

Start at: 2018-02-16 01:12:02
End at: 2018-02-16 01:12:32
Local clock offset: -44.34 ms
Remote clock offset: -3.275 ms

Below is generated by plot.py at 2018-02-16 05:33:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 46.91 Mbit/s
95th percentile per-packet one-way delay: 82.937 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 46.91 Mbit/s
95th percentile per-packet one-way delay: 82.937 ms
Loss rate: 0.63%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-02-16 01:34:05

End at: 2018-02-16 01:34:36

Local clock offset: 1.362 ms

Remote clock offset: -1.034 ms

Below is generated by plot.py at 2018-02-16 05:33:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.43 Mbit/s

95th percentile per-packet one-way delay: 87.154 ms

Loss rate: 0.59%

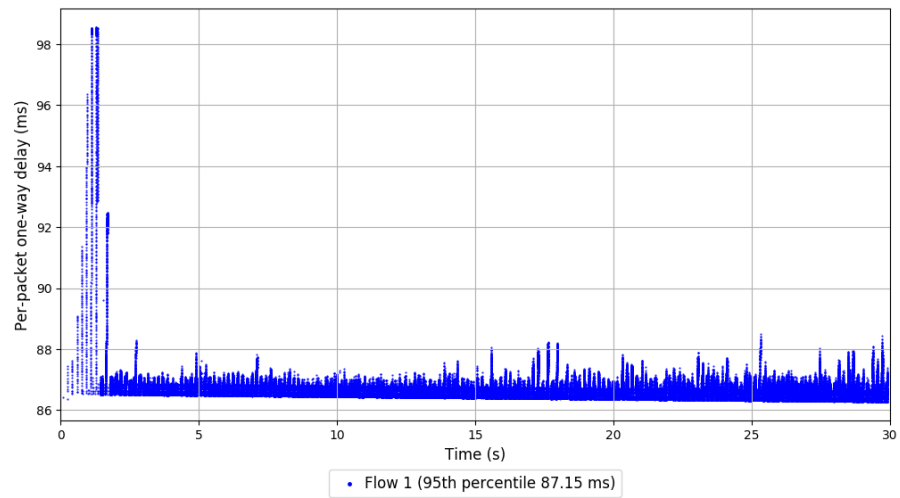
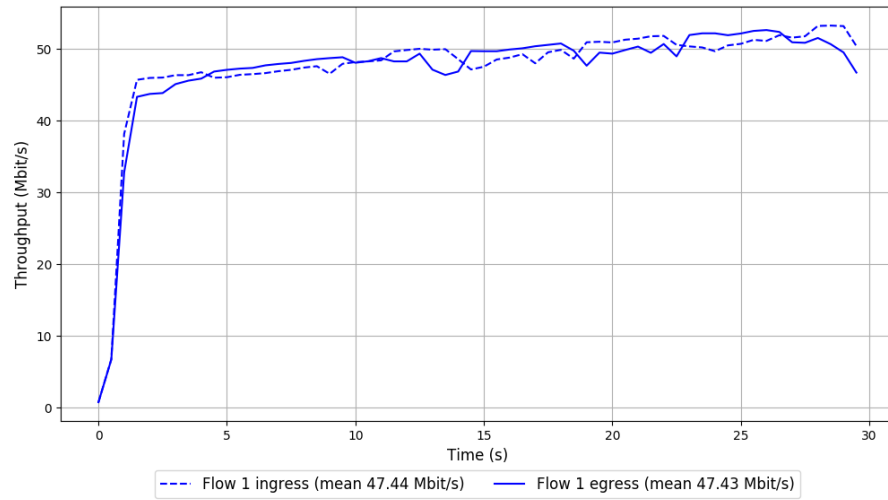
-- Flow 1:

Average throughput: 47.43 Mbit/s

95th percentile per-packet one-way delay: 87.154 ms

Loss rate: 0.59%

Run 10: Report of TCP Vegas — Data Link

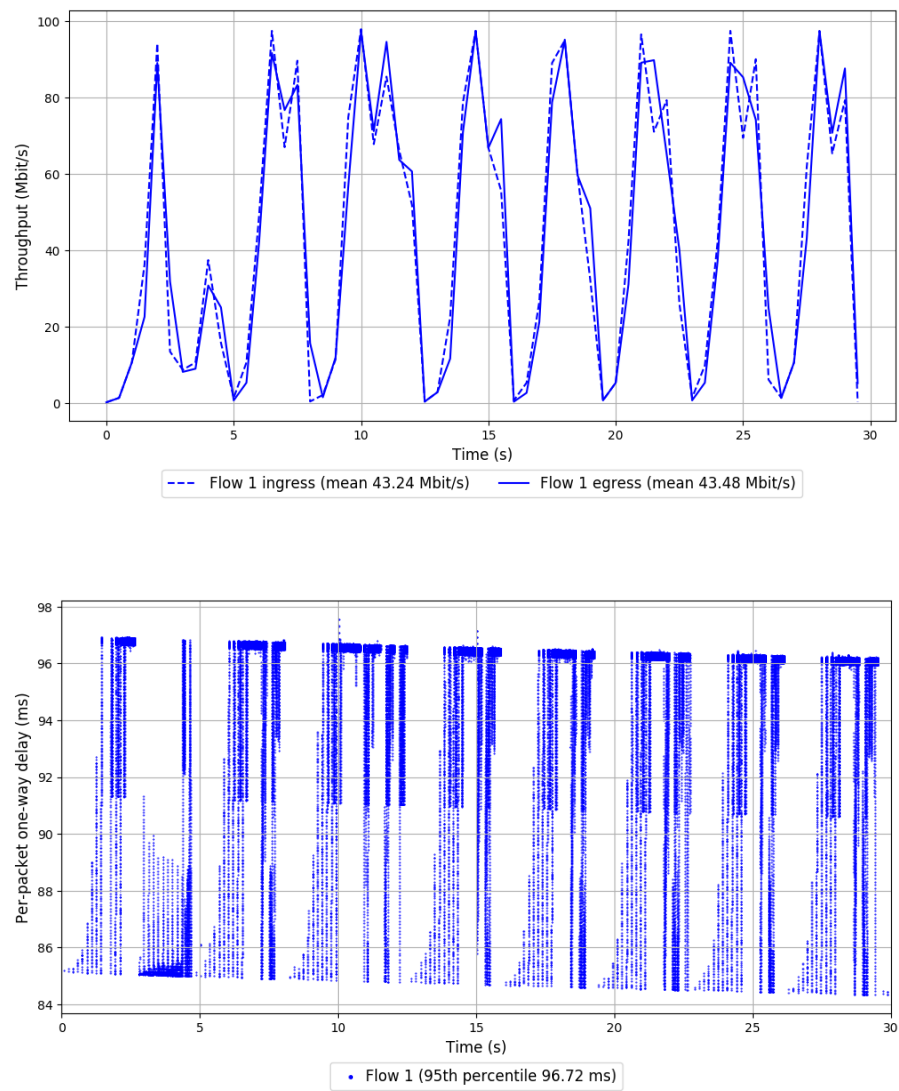


Run 1: Statistics of Verus

Start at: 2018-02-15 22:02:19
End at: 2018-02-15 22:02:49
Local clock offset: -20.065 ms
Remote clock offset: -2.664 ms

Below is generated by plot.py at 2018-02-16 05:33:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.48 Mbit/s
95th percentile per-packet one-way delay: 96.722 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 43.48 Mbit/s
95th percentile per-packet one-way delay: 96.722 ms
Loss rate: 0.01%

Run 1: Report of Verus — Data Link

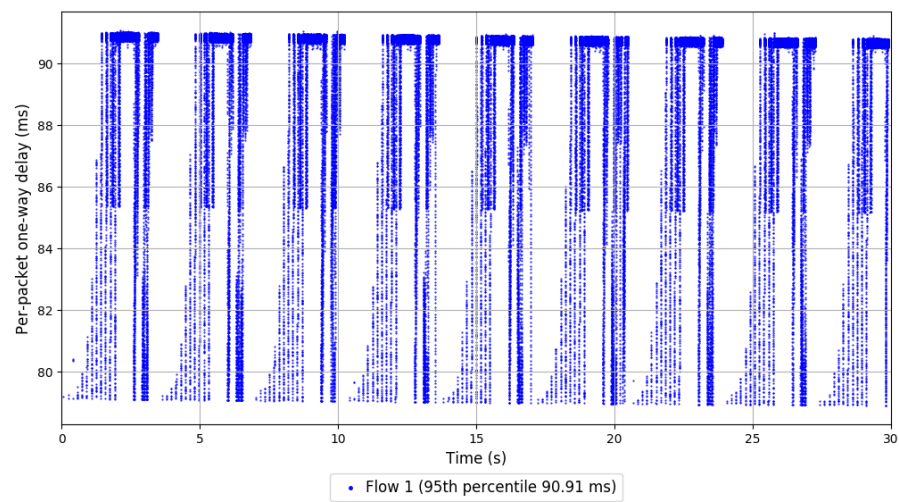
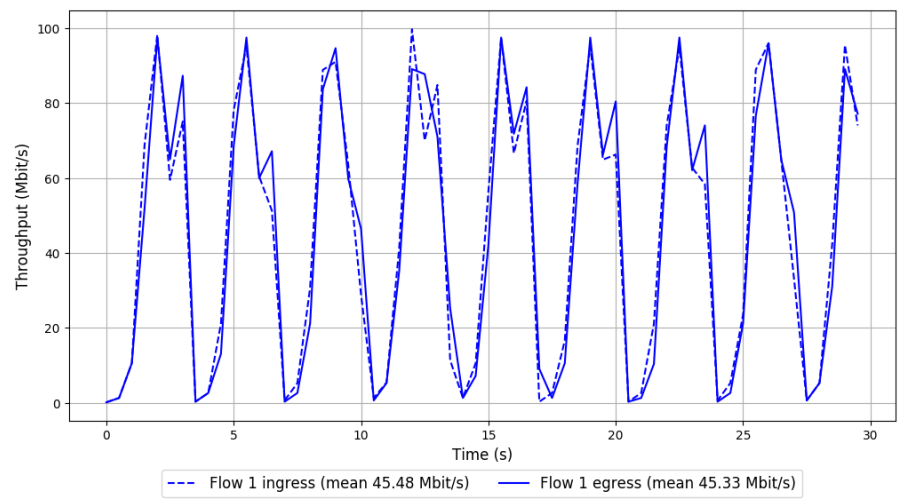


Run 2: Statistics of Verus

Start at: 2018-02-15 22:24:24
End at: 2018-02-15 22:24:54
Local clock offset: -22.741 ms
Remote clock offset: 3.898 ms

Below is generated by plot.py at 2018-02-16 05:33:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 45.33 Mbit/s
95th percentile per-packet one-way delay: 90.906 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 45.33 Mbit/s
95th percentile per-packet one-way delay: 90.906 ms
Loss rate: 0.54%

Run 2: Report of Verus — Data Link

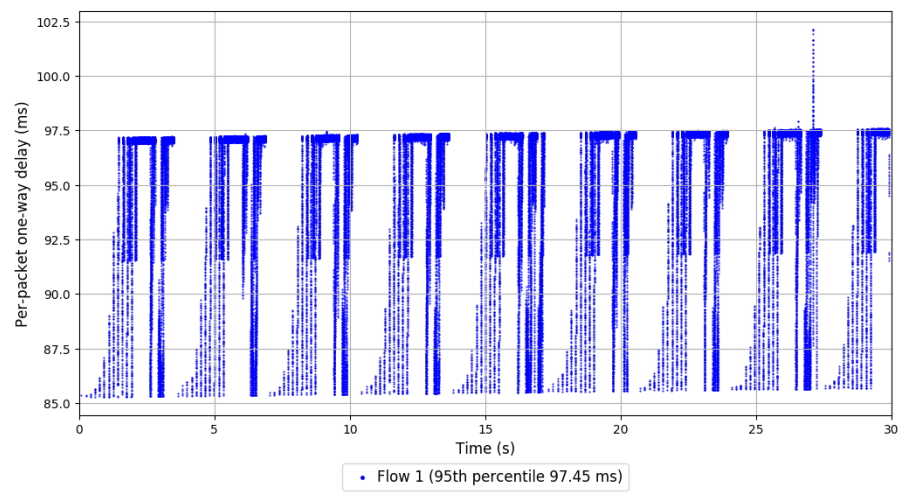
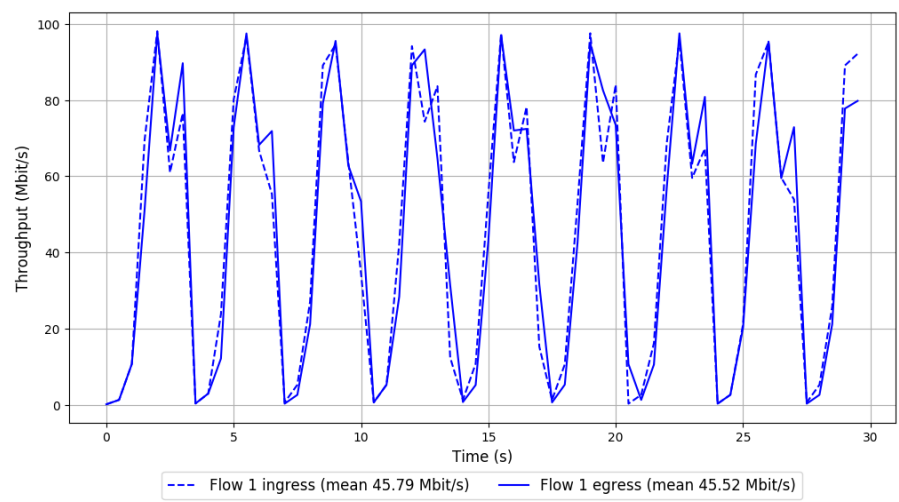


Run 3: Statistics of Verus

Start at: 2018-02-15 22:46:35
End at: 2018-02-15 22:47:05
Local clock offset: -31.374 ms
Remote clock offset: -1.189 ms

Below is generated by plot.py at 2018-02-16 05:33:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 45.52 Mbit/s
95th percentile per-packet one-way delay: 97.451 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 45.52 Mbit/s
95th percentile per-packet one-way delay: 97.451 ms
Loss rate: 1.14%

Run 3: Report of Verus — Data Link

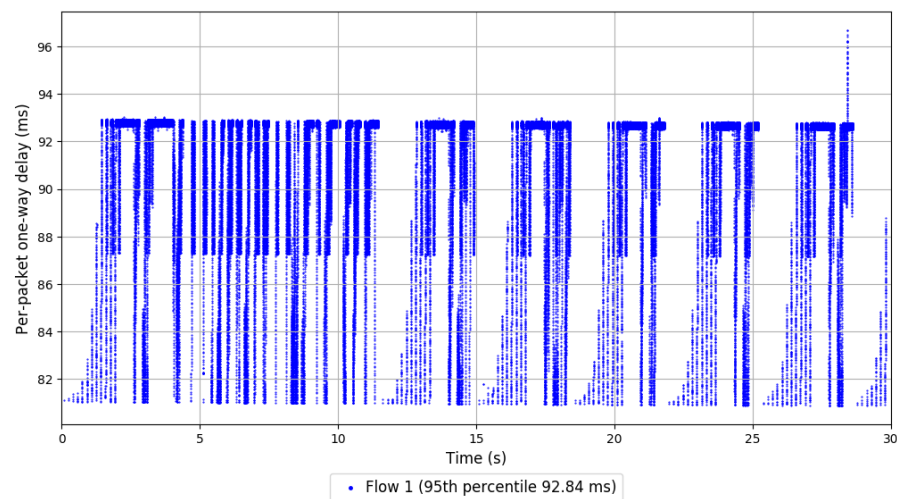
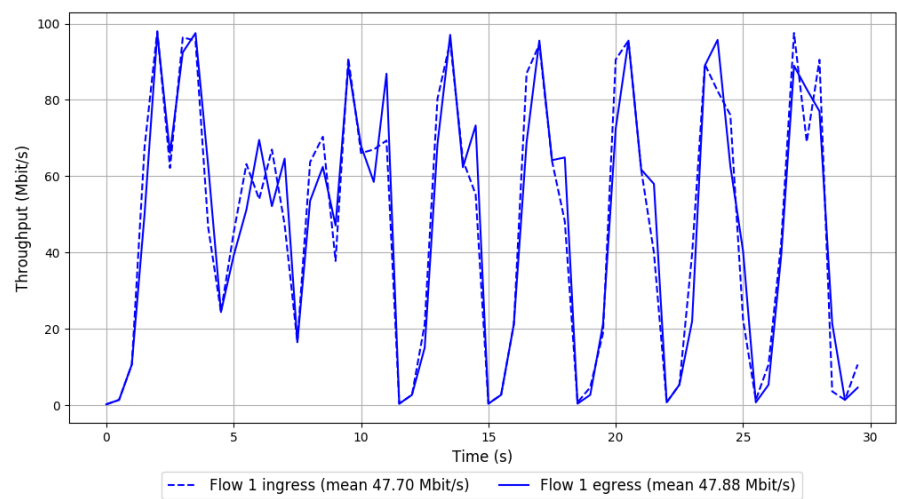


Run 4: Statistics of Verus

Start at: 2018-02-15 23:08:35
End at: 2018-02-15 23:09:05
Local clock offset: -10.551 ms
Remote clock offset: 3.418 ms

Below is generated by plot.py at 2018-02-16 05:33:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.88 Mbit/s
95th percentile per-packet one-way delay: 92.836 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 47.88 Mbit/s
95th percentile per-packet one-way delay: 92.836 ms
Loss rate: 0.21%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-02-15 23:30:36

End at: 2018-02-15 23:31:06

Local clock offset: 9.914 ms

Remote clock offset: 1.235 ms

Below is generated by plot.py at 2018-02-16 05:33:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 46.12 Mbit/s

95th percentile per-packet one-way delay: 110.373 ms

Loss rate: 1.12%

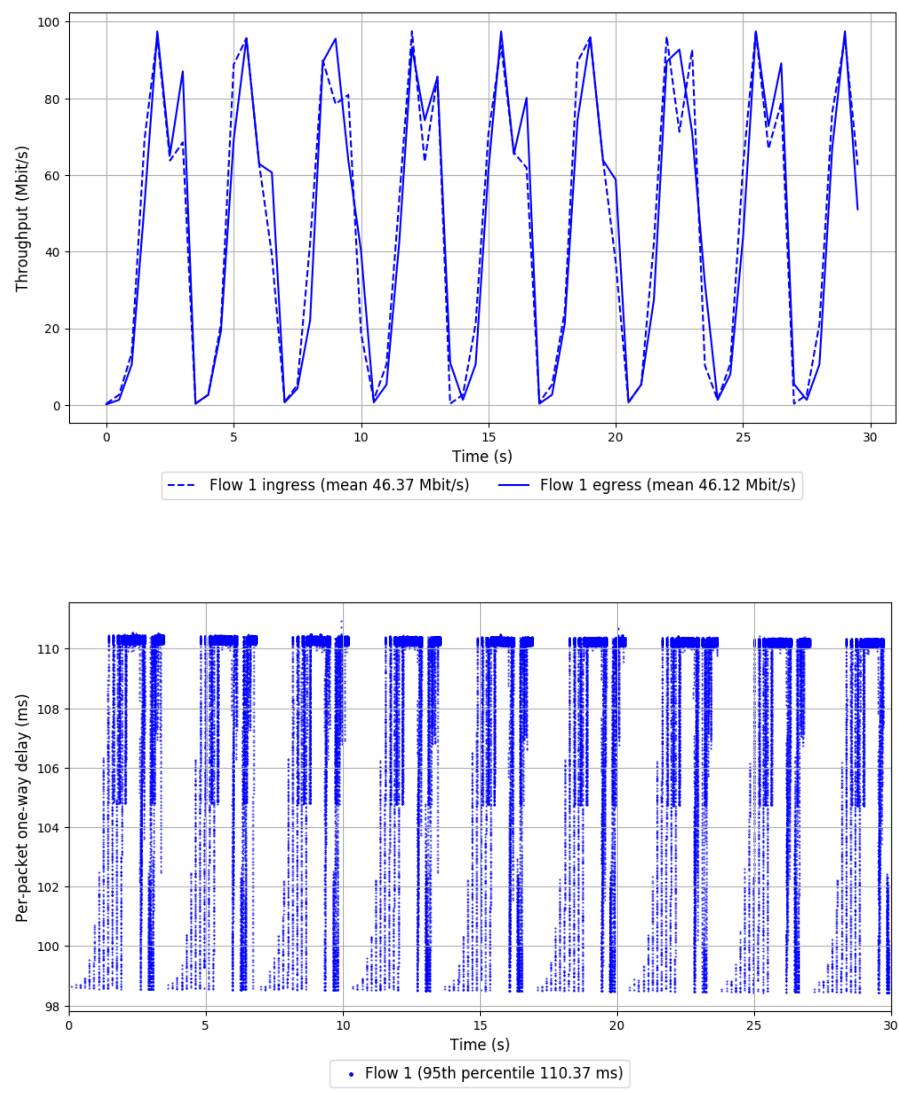
-- Flow 1:

Average throughput: 46.12 Mbit/s

95th percentile per-packet one-way delay: 110.373 ms

Loss rate: 1.12%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-02-15 23:52:36

End at: 2018-02-15 23:53:06

Local clock offset: 3.233 ms

Remote clock offset: 0.868 ms

Below is generated by plot.py at 2018-02-16 05:33:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 45.47 Mbit/s

95th percentile per-packet one-way delay: 107.347 ms

Loss rate: 0.62%

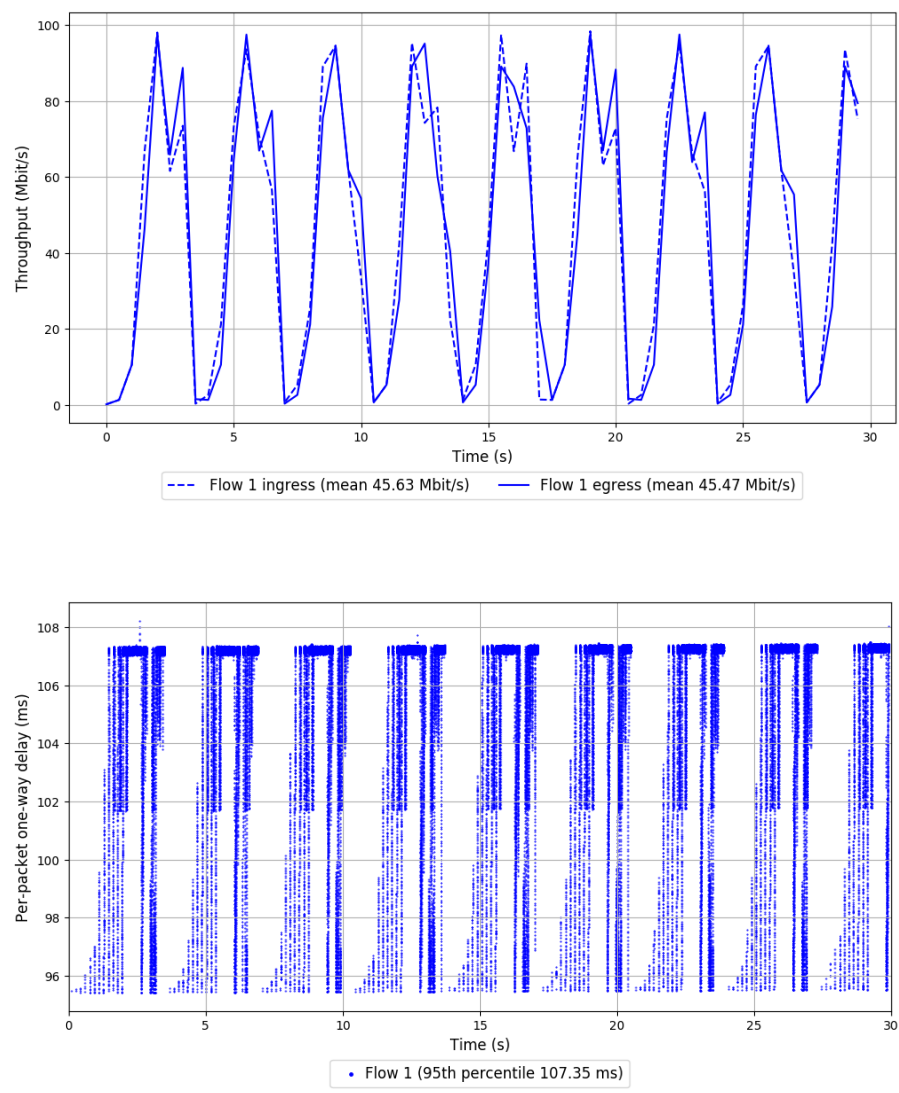
-- Flow 1:

Average throughput: 45.47 Mbit/s

95th percentile per-packet one-way delay: 107.347 ms

Loss rate: 0.62%

Run 6: Report of Verus — Data Link

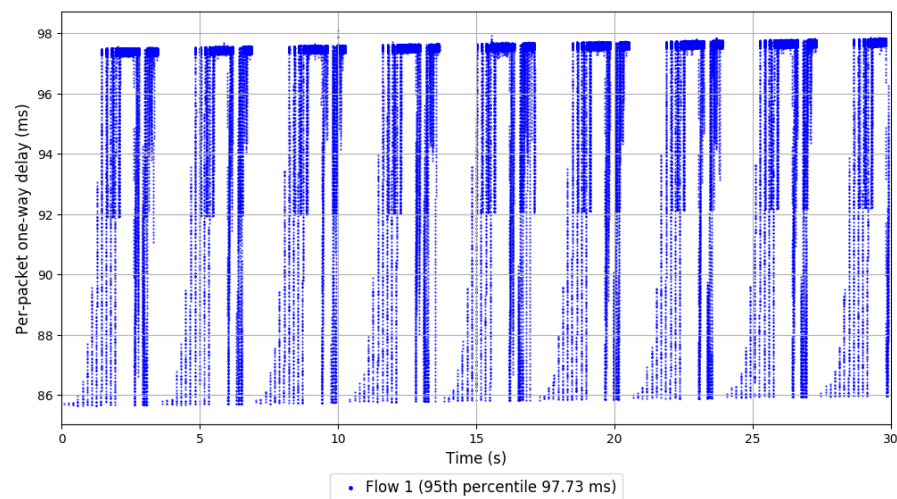
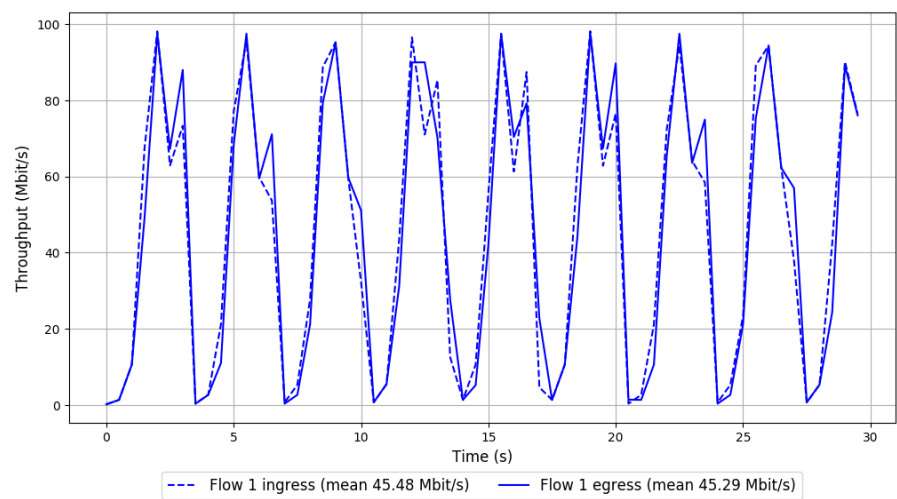


Run 7: Statistics of Verus

Start at: 2018-02-16 00:14:36
End at: 2018-02-16 00:15:06
Local clock offset: -27.865 ms
Remote clock offset: -4.06 ms

Below is generated by plot.py at 2018-02-16 05:33:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 45.29 Mbit/s
95th percentile per-packet one-way delay: 97.726 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 45.29 Mbit/s
95th percentile per-packet one-way delay: 97.726 ms
Loss rate: 0.71%

Run 7: Report of Verus — Data Link

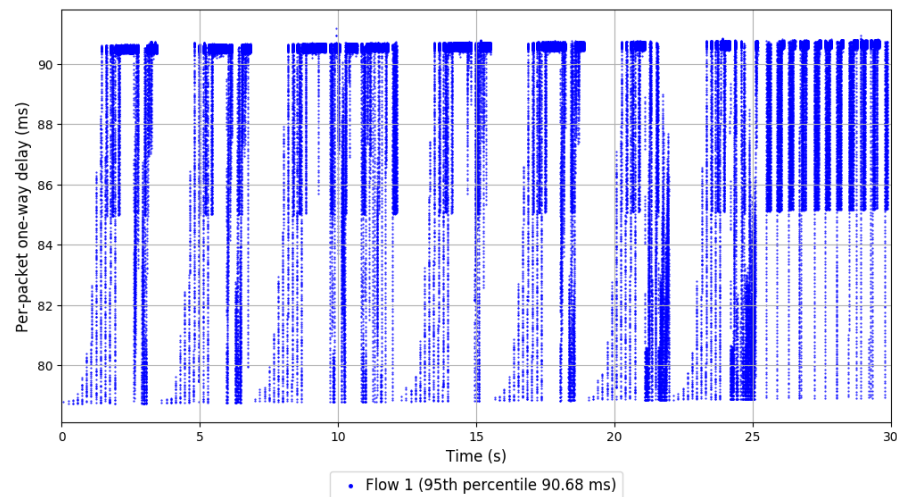
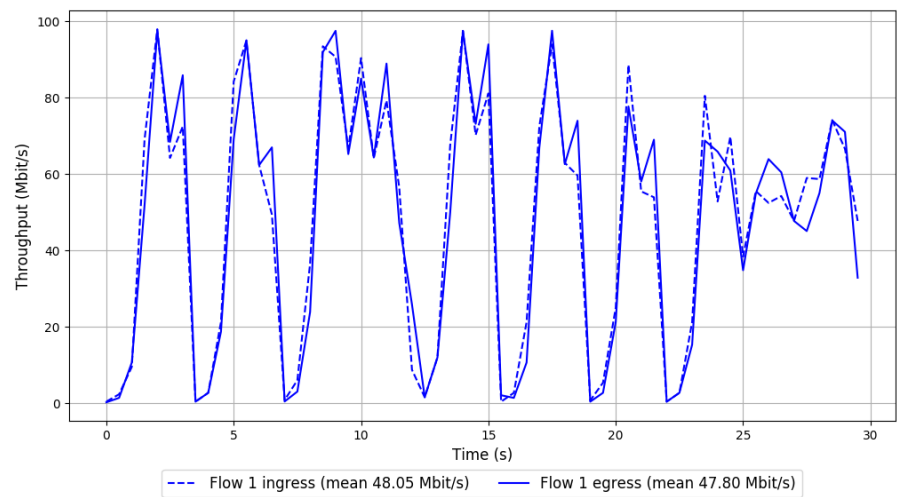


Run 8: Statistics of Verus

Start at: 2018-02-16 00:36:35
End at: 2018-02-16 00:37:05
Local clock offset: -39.209 ms
Remote clock offset: -0.442 ms

Below is generated by plot.py at 2018-02-16 05:33:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 47.80 Mbit/s
95th percentile per-packet one-way delay: 90.684 ms
Loss rate: 0.98%
-- Flow 1:
Average throughput: 47.80 Mbit/s
95th percentile per-packet one-way delay: 90.684 ms
Loss rate: 0.98%

Run 8: Report of Verus — Data Link

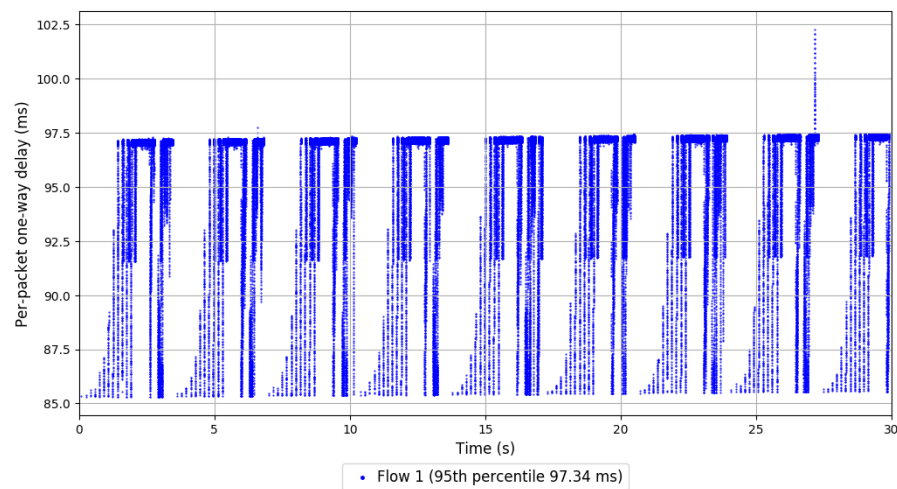
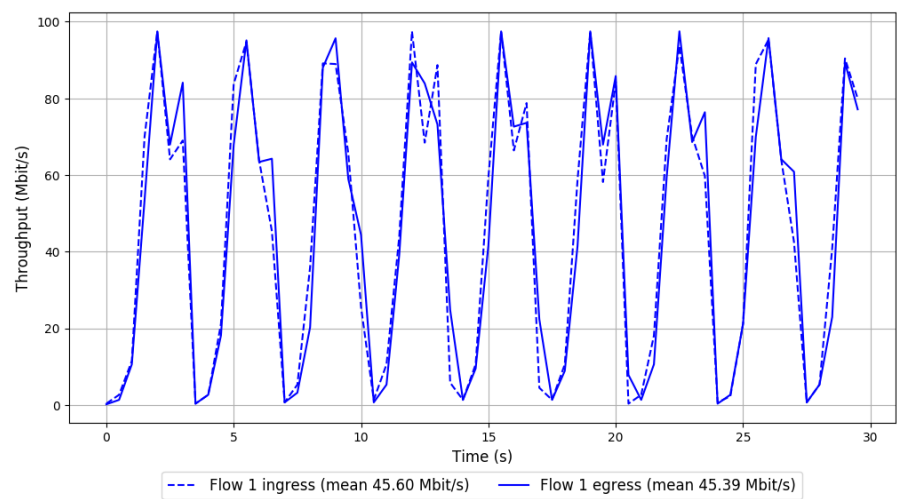


Run 9: Statistics of Verus

Start at: 2018-02-16 00:58:39
End at: 2018-02-16 00:59:09
Local clock offset: -48.299 ms
Remote clock offset: -5.425 ms

Below is generated by plot.py at 2018-02-16 05:33:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 45.39 Mbit/s
95th percentile per-packet one-way delay: 97.345 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 45.39 Mbit/s
95th percentile per-packet one-way delay: 97.345 ms
Loss rate: 0.80%

Run 9: Report of Verus — Data Link

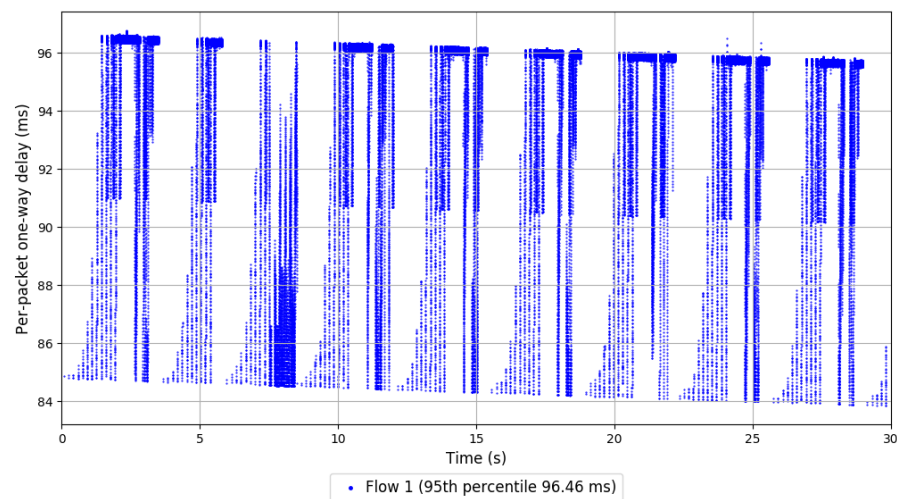
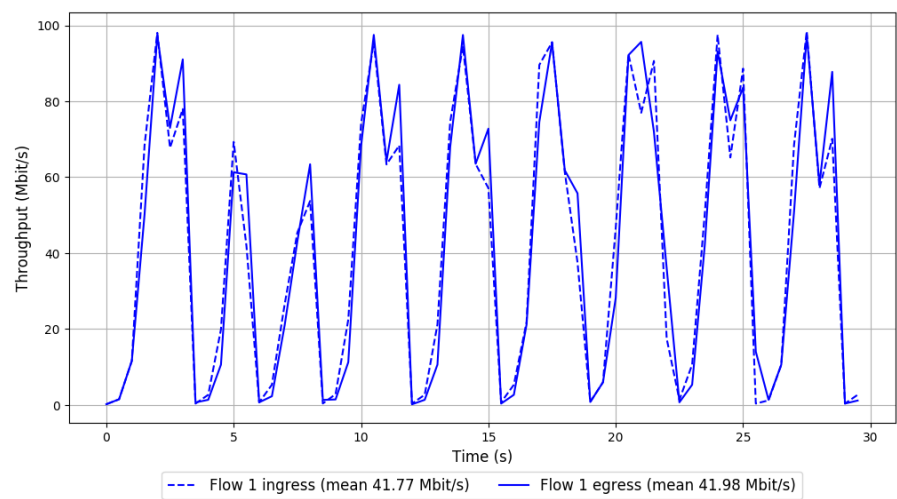


Run 10: Statistics of Verus

Start at: 2018-02-16 01:20:37
End at: 2018-02-16 01:21:07
Local clock offset: -15.739 ms
Remote clock offset: -3.82 ms

Below is generated by plot.py at 2018-02-16 05:33:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.98 Mbit/s
95th percentile per-packet one-way delay: 96.458 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 41.98 Mbit/s
95th percentile per-packet one-way delay: 96.458 ms
Loss rate: 0.06%

Run 10: Report of Verus — Data Link

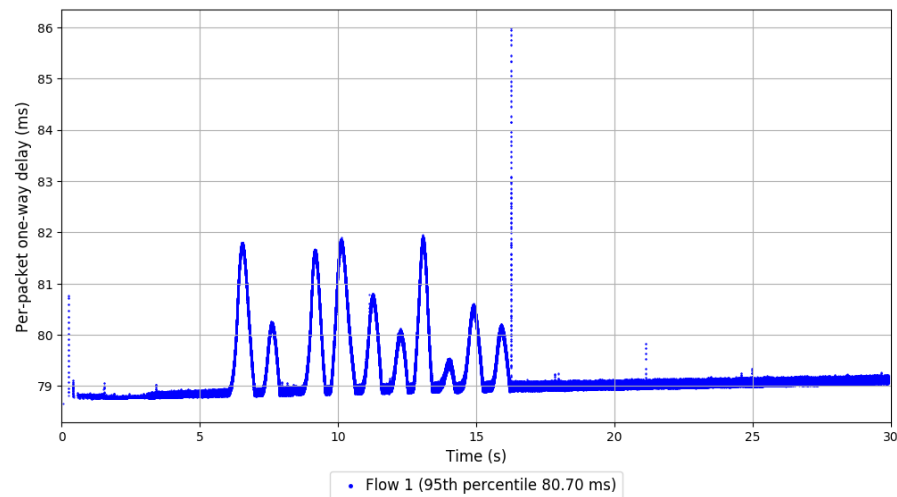
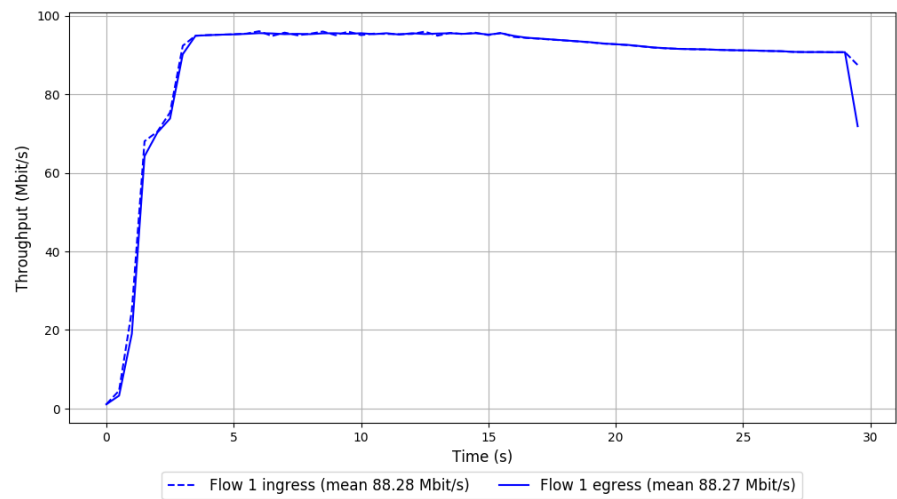


Run 1: Statistics of Copa

Start at: 2018-02-15 22:08:25
End at: 2018-02-15 22:08:55
Local clock offset: -17.332 ms
Remote clock offset: 2.451 ms

Below is generated by plot.py at 2018-02-16 05:35:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.27 Mbit/s
95th percentile per-packet one-way delay: 80.696 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 88.27 Mbit/s
95th percentile per-packet one-way delay: 80.696 ms
Loss rate: 0.57%

Run 1: Report of Copa — Data Link

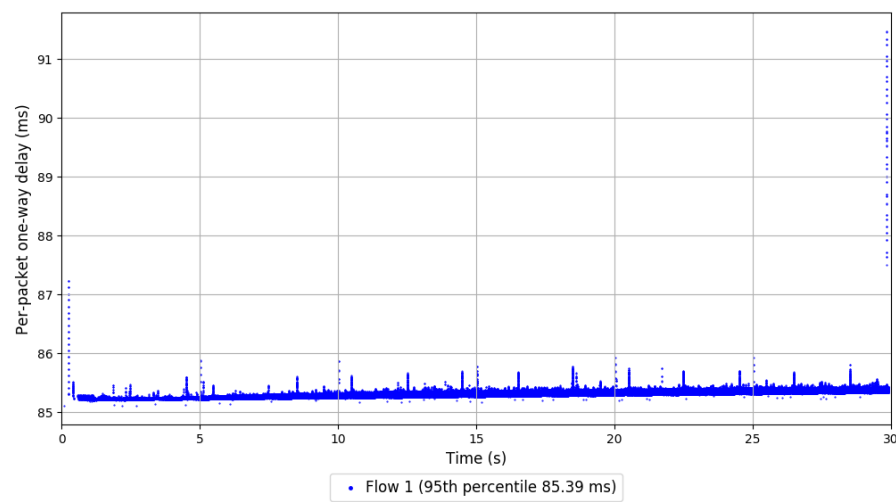
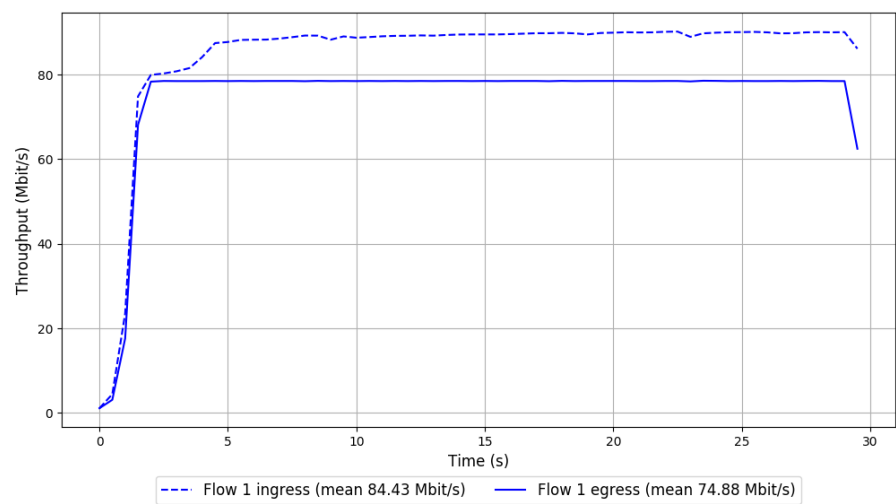


Run 2: Statistics of Copa

Start at: 2018-02-15 22:30:34
End at: 2018-02-15 22:31:04
Local clock offset: -21.812 ms
Remote clock offset: -1.714 ms

Below is generated by plot.py at 2018-02-16 05:35:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.88 Mbit/s
95th percentile per-packet one-way delay: 85.388 ms
Loss rate: 11.81%
-- Flow 1:
Average throughput: 74.88 Mbit/s
95th percentile per-packet one-way delay: 85.388 ms
Loss rate: 11.81%

Run 2: Report of Copa — Data Link

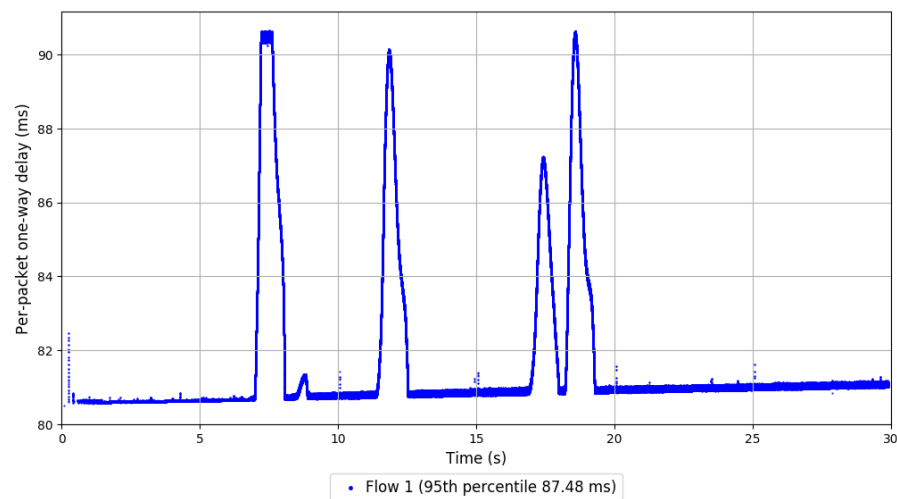
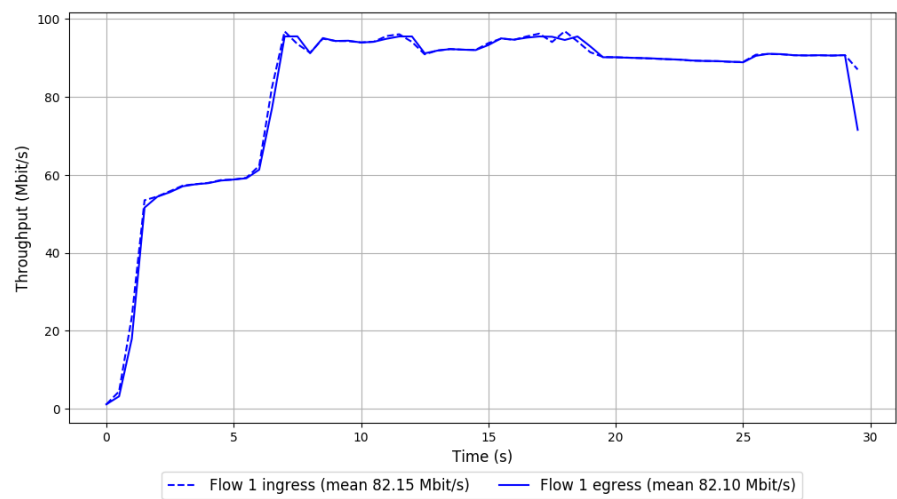


Run 3: Statistics of Copa

Start at: 2018-02-15 22:52:40
End at: 2018-02-15 22:53:10
Local clock offset: -36.285 ms
Remote clock offset: 3.79 ms

Below is generated by plot.py at 2018-02-16 05:35:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.10 Mbit/s
95th percentile per-packet one-way delay: 87.484 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 82.10 Mbit/s
95th percentile per-packet one-way delay: 87.484 ms
Loss rate: 0.61%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-02-15 23:14:41

End at: 2018-02-15 23:15:11

Local clock offset: 6.498 ms

Remote clock offset: -1.66 ms

Below is generated by plot.py at 2018-02-16 05:35:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.17 Mbit/s

95th percentile per-packet one-way delay: 99.249 ms

Loss rate: 0.58%

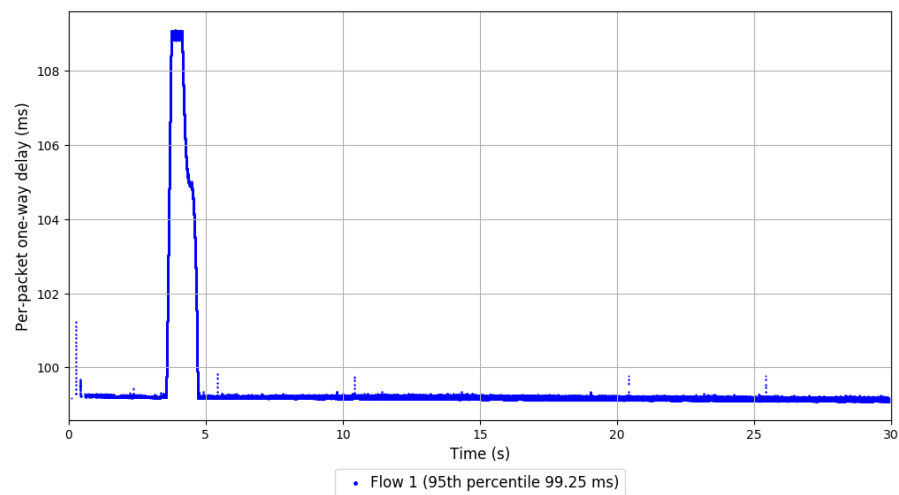
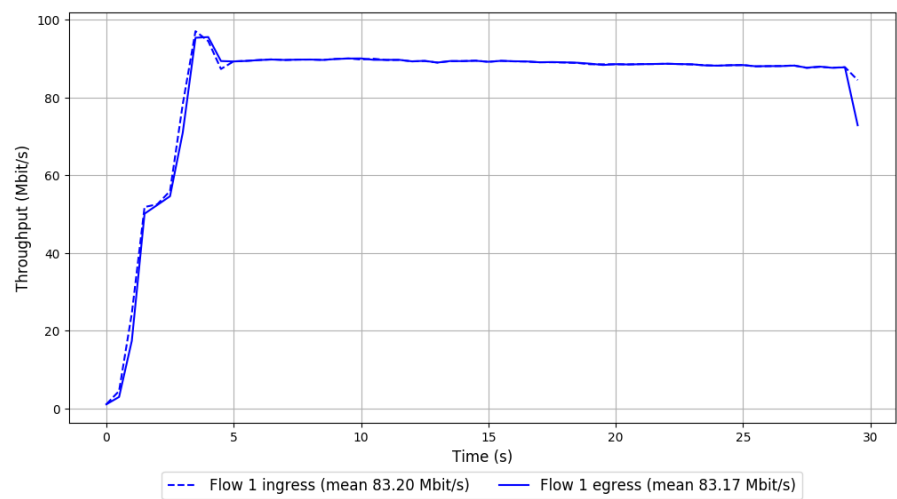
-- Flow 1:

Average throughput: 83.17 Mbit/s

95th percentile per-packet one-way delay: 99.249 ms

Loss rate: 0.58%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-02-15 23:36:41

End at: 2018-02-15 23:37:11

Local clock offset: 1.008 ms

Remote clock offset: 0.96 ms

Below is generated by plot.py at 2018-02-16 05:35:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.06 Mbit/s

95th percentile per-packet one-way delay: 92.257 ms

Loss rate: 0.62%

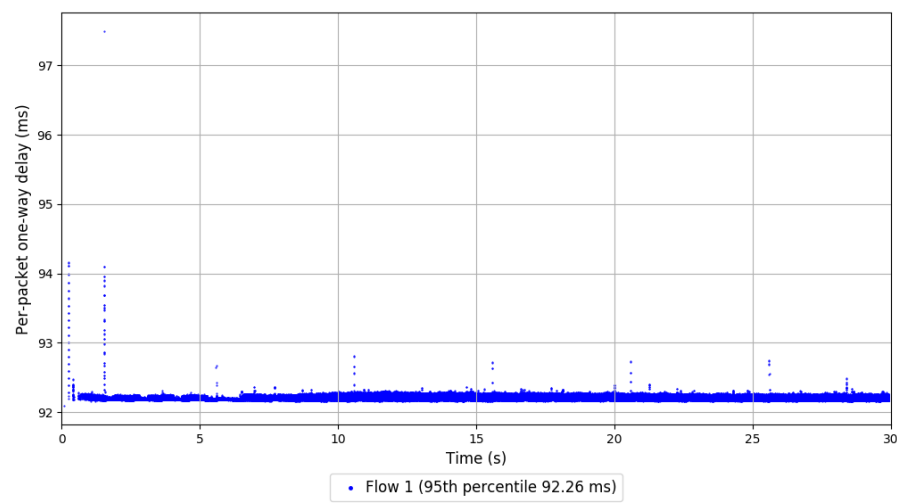
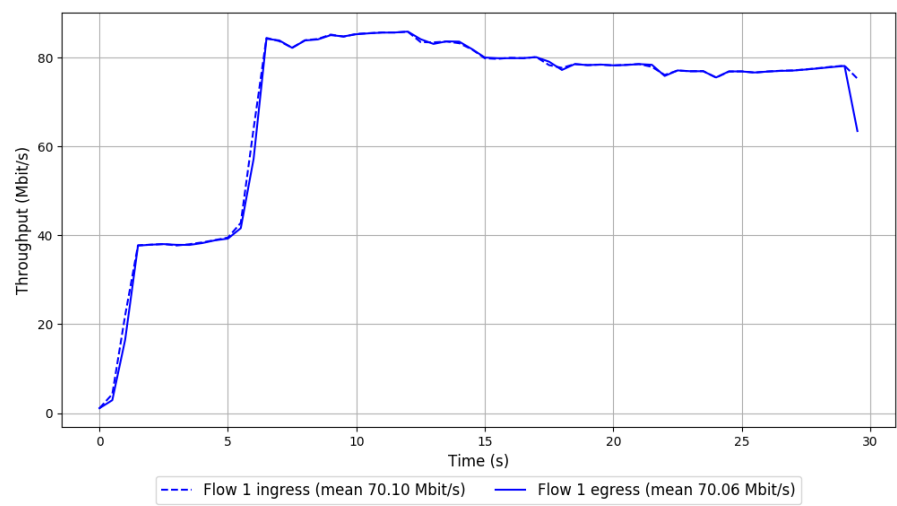
-- Flow 1:

Average throughput: 70.06 Mbit/s

95th percentile per-packet one-way delay: 92.257 ms

Loss rate: 0.62%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-02-15 23:58:41

End at: 2018-02-15 23:59:11

Local clock offset: 9.077 ms

Remote clock offset: 0.917 ms

Below is generated by plot.py at 2018-02-16 05:35:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 57.51 Mbit/s

95th percentile per-packet one-way delay: 102.384 ms

Loss rate: 0.67%

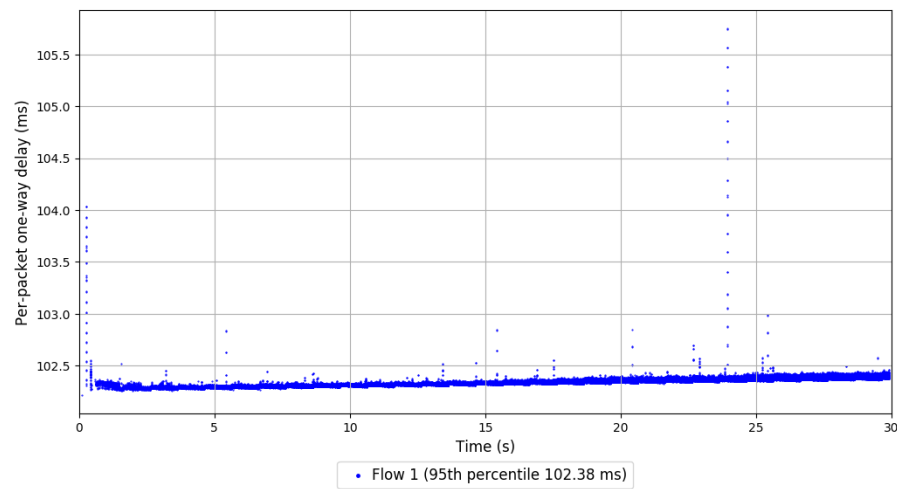
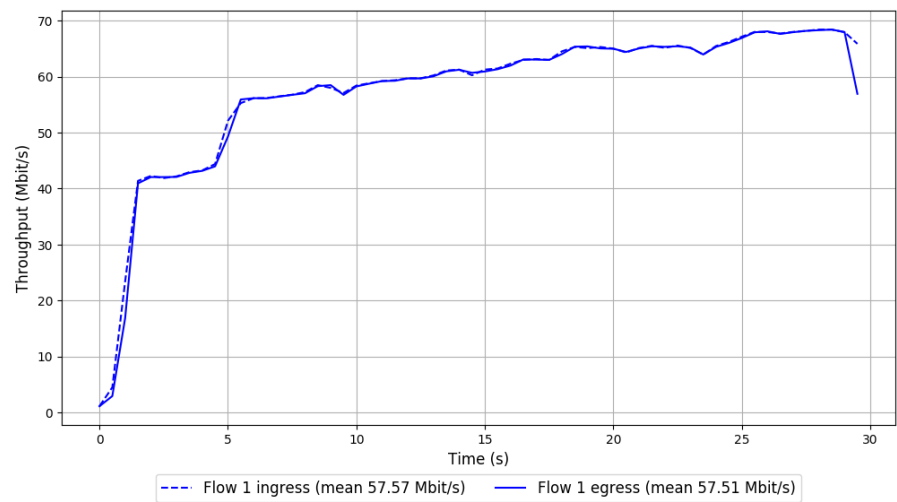
-- Flow 1:

Average throughput: 57.51 Mbit/s

95th percentile per-packet one-way delay: 102.384 ms

Loss rate: 0.67%

Run 6: Report of Copa — Data Link

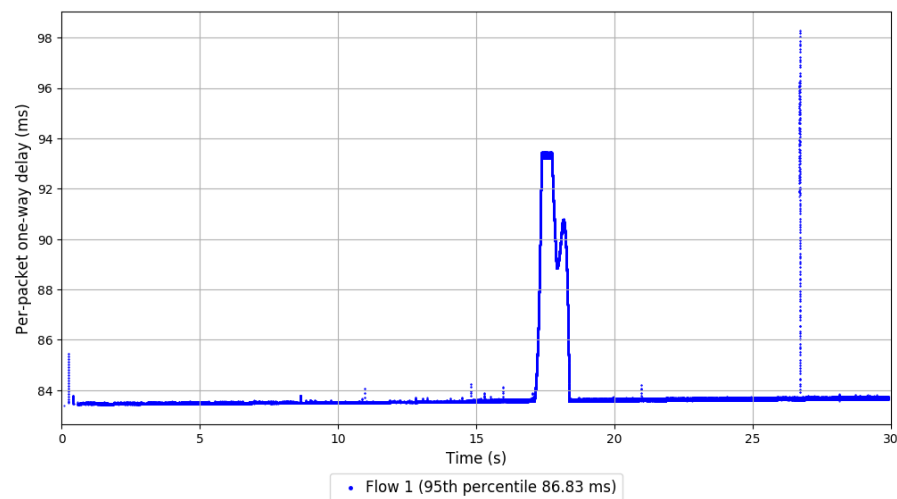
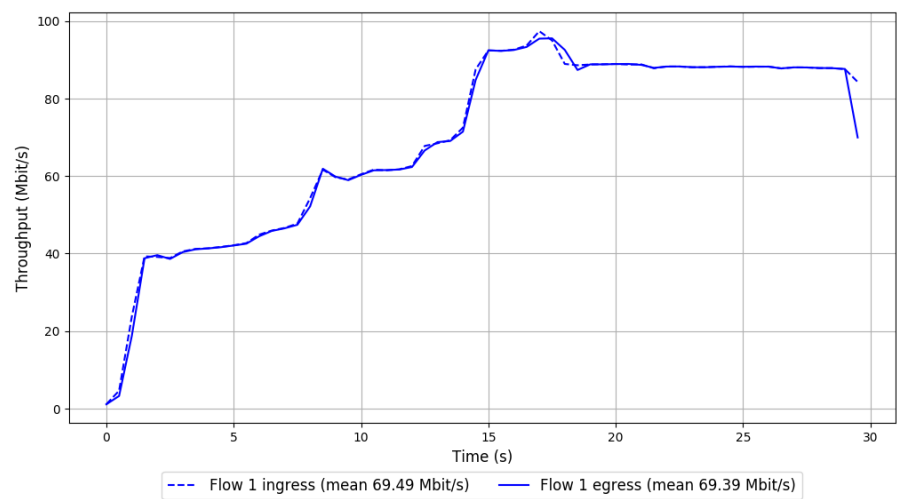


Run 7: Statistics of Copa

Start at: 2018-02-16 00:20:41
End at: 2018-02-16 00:21:11
Local clock offset: -31.899 ms
Remote clock offset: -4.283 ms

Below is generated by plot.py at 2018-02-16 05:35:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.39 Mbit/s
95th percentile per-packet one-way delay: 86.835 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 69.39 Mbit/s
95th percentile per-packet one-way delay: 86.835 ms
Loss rate: 0.70%

Run 7: Report of Copa — Data Link

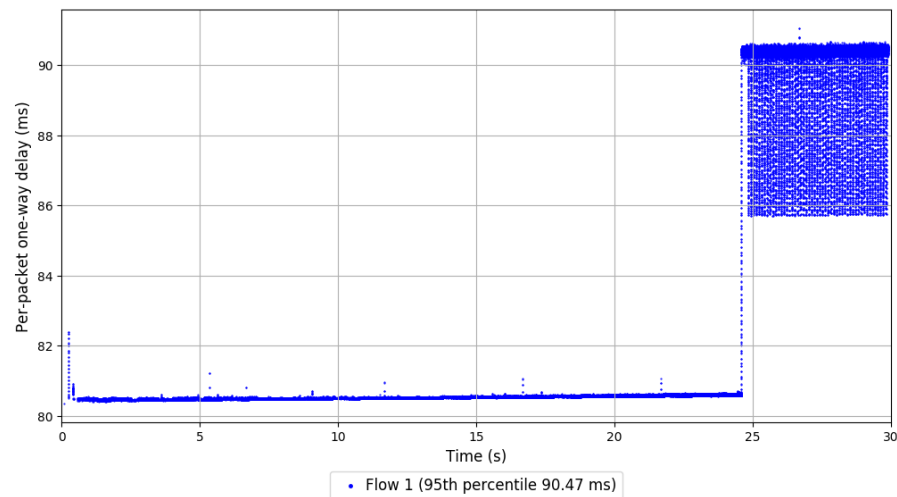
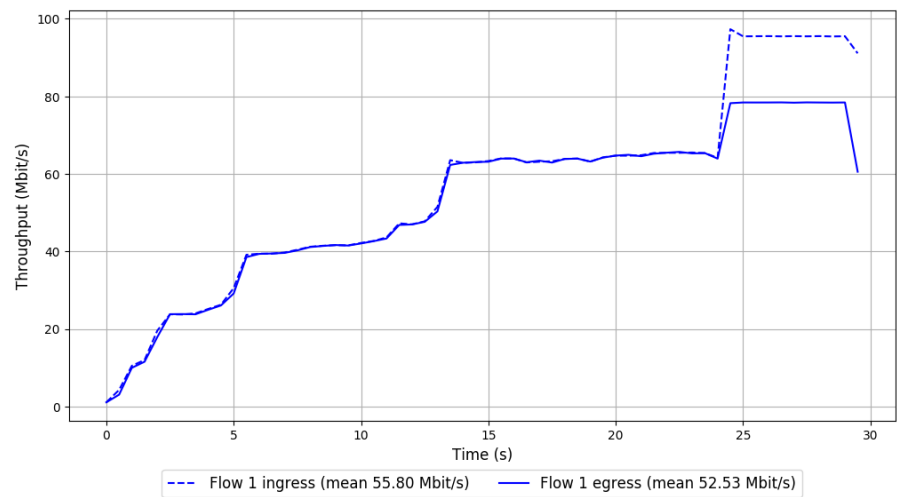


Run 8: Statistics of Copa

Start at: 2018-02-16 00:42:41
End at: 2018-02-16 00:43:12
Local clock offset: -41.794 ms
Remote clock offset: -0.744 ms

Below is generated by plot.py at 2018-02-16 05:35:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 52.53 Mbit/s
95th percentile per-packet one-way delay: 90.469 ms
Loss rate: 6.40%
-- Flow 1:
Average throughput: 52.53 Mbit/s
95th percentile per-packet one-way delay: 90.469 ms
Loss rate: 6.40%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-02-16 01:04:45

End at: 2018-02-16 01:05:15

Local clock offset: -50.88 ms

Remote clock offset: 1.002 ms

Below is generated by plot.py at 2018-02-16 05:36:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 40.27 Mbit/s

95th percentile per-packet one-way delay: 78.985 ms

Loss rate: 0.64%

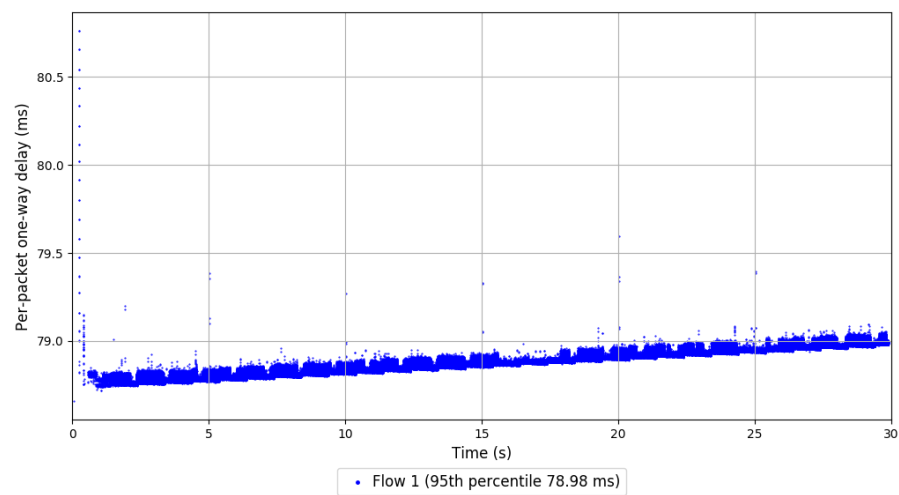
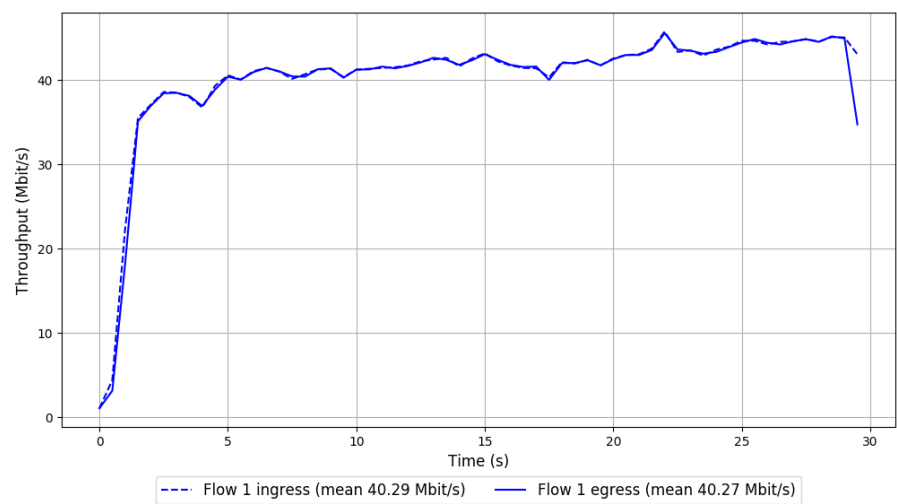
-- Flow 1:

Average throughput: 40.27 Mbit/s

95th percentile per-packet one-way delay: 78.985 ms

Loss rate: 0.64%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-02-16 01:26:48

End at: 2018-02-16 01:27:18

Local clock offset: -5.74 ms

Remote clock offset: 2.053 ms

Below is generated by plot.py at 2018-02-16 05:36:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 37.24 Mbit/s

95th percentile per-packet one-way delay: 79.674 ms

Loss rate: 1.34%

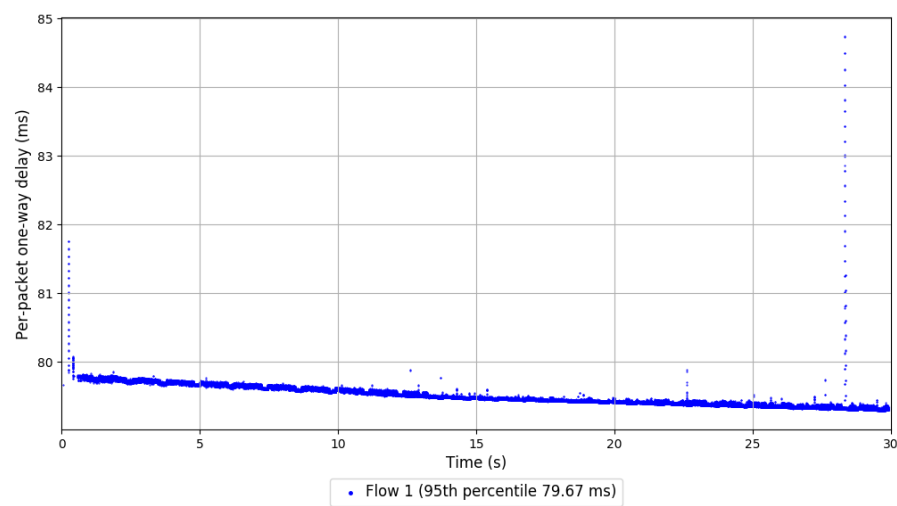
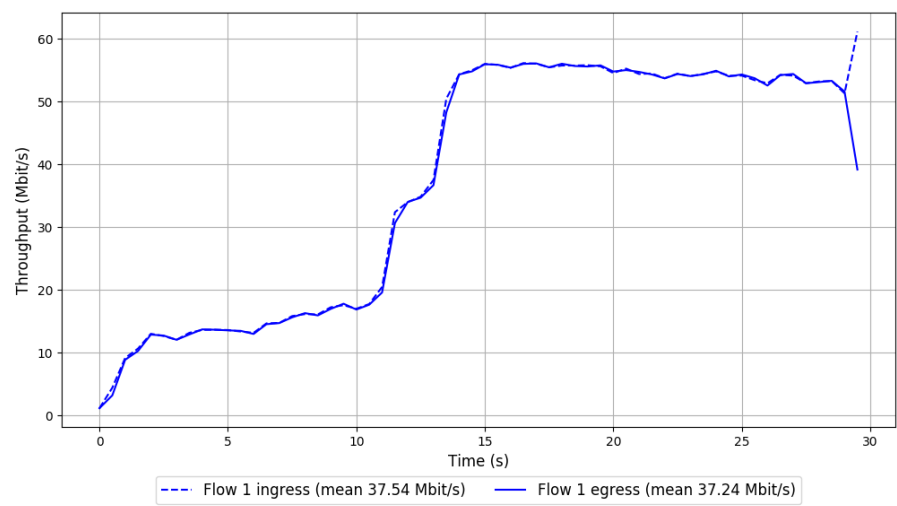
-- Flow 1:

Average throughput: 37.24 Mbit/s

95th percentile per-packet one-way delay: 79.674 ms

Loss rate: 1.34%

Run 10: Report of Copa — Data Link

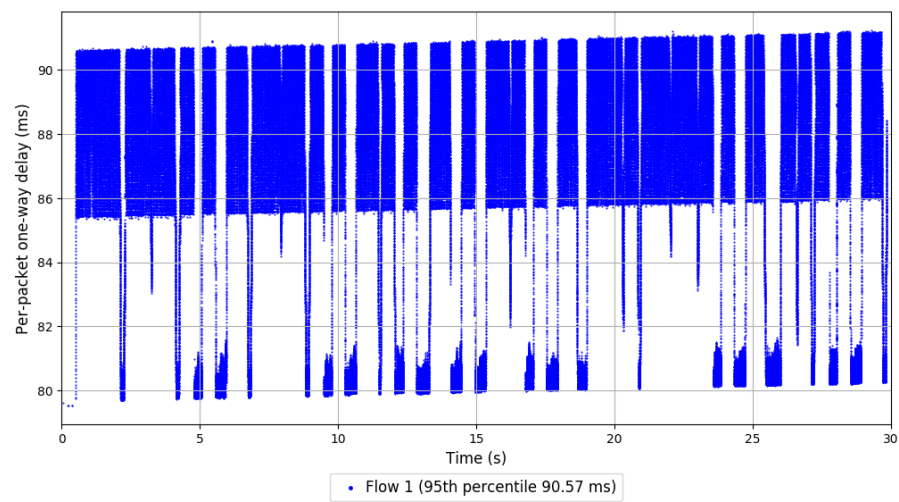
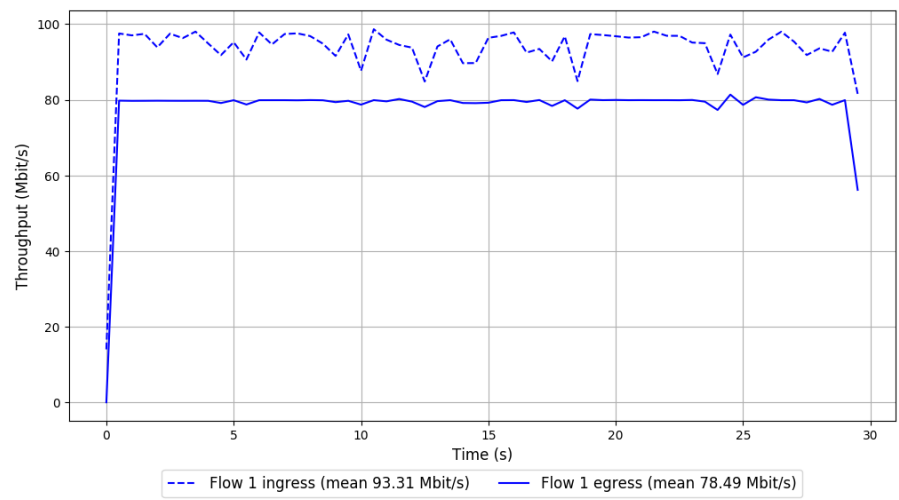


```
Run 1: Statistics of FillP

Start at: 2018-02-15 22:17:02
End at: 2018-02-15 22:17:32
Local clock offset: -24.244 ms
Remote clock offset: 2.822 ms

# Below is generated by plot.py at 2018-02-16 05:36:56
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.49 Mbit/s
95th percentile per-packet one-way delay: 90.566 ms
Loss rate: 16.35%
-- Flow 1:
Average throughput: 78.49 Mbit/s
95th percentile per-packet one-way delay: 90.566 ms
Loss rate: 16.35%
```


Run 1: Report of FillP — Data Link

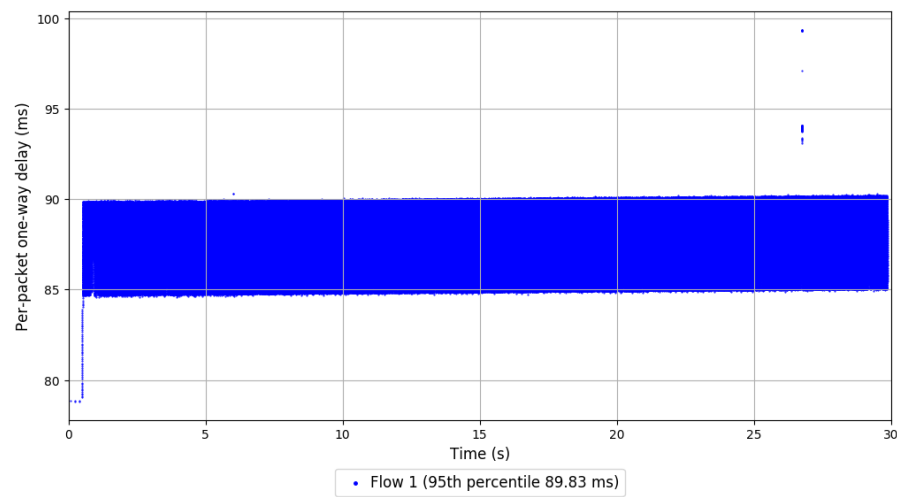
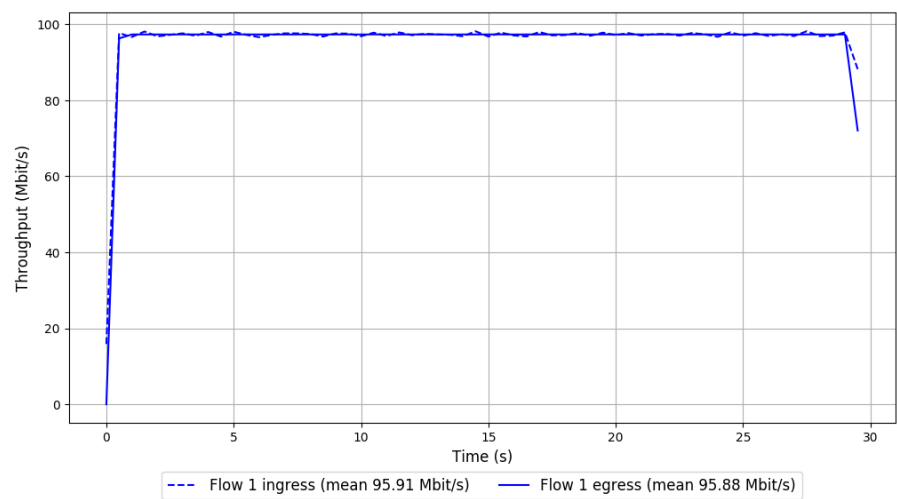


Run 2: Statistics of FillP

Start at: 2018-02-15 22:39:15
End at: 2018-02-15 22:39:45
Local clock offset: -25.724 ms
Remote clock offset: 3.427 ms

Below is generated by plot.py at 2018-02-16 05:37:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.88 Mbit/s
95th percentile per-packet one-way delay: 89.827 ms
Loss rate: 0.58%
-- Flow 1:
Average throughput: 95.88 Mbit/s
95th percentile per-packet one-way delay: 89.827 ms
Loss rate: 0.58%

Run 2: Report of FillP — Data Link

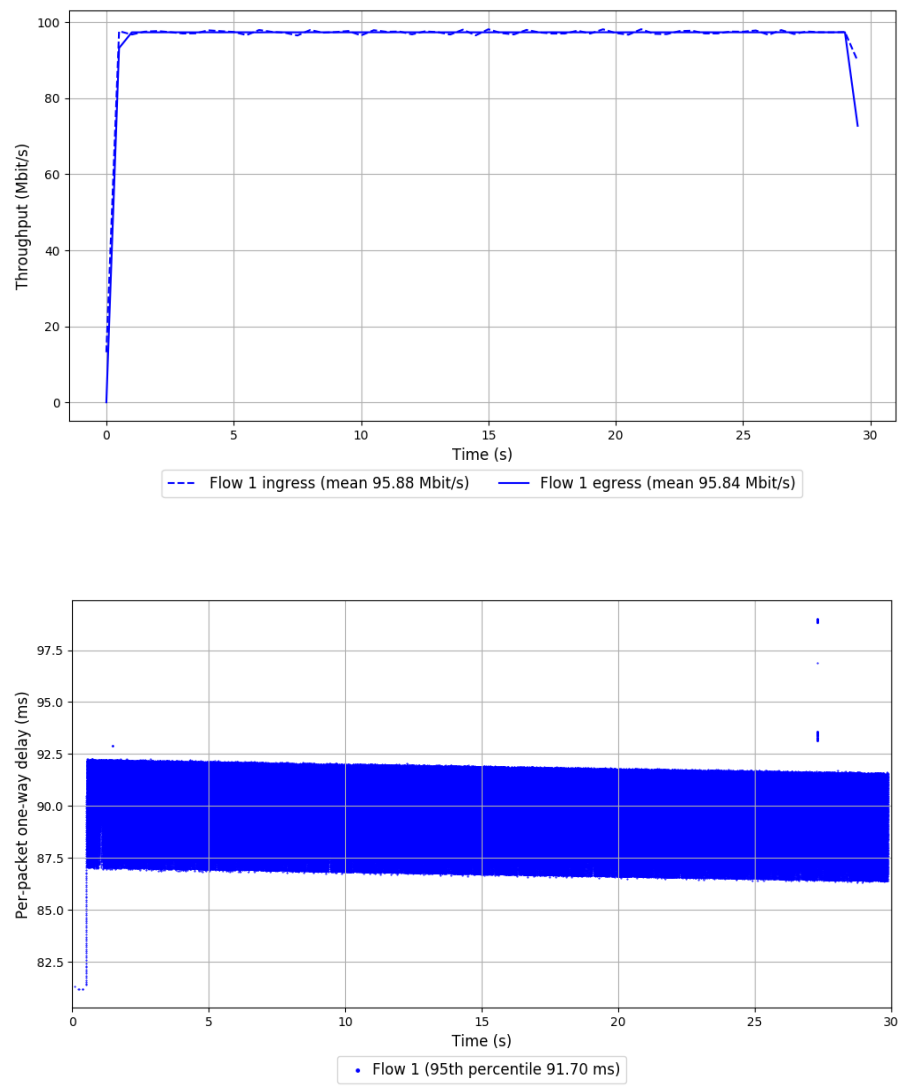


Run 3: Statistics of FillP

Start at: 2018-02-15 23:01:15
End at: 2018-02-15 23:01:46
Local clock offset: -17.505 ms
Remote clock offset: 3.21 ms

Below is generated by plot.py at 2018-02-16 05:37:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 91.704 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 95.84 Mbit/s
95th percentile per-packet one-way delay: 91.704 ms
Loss rate: 0.60%

Run 3: Report of FillP — Data Link

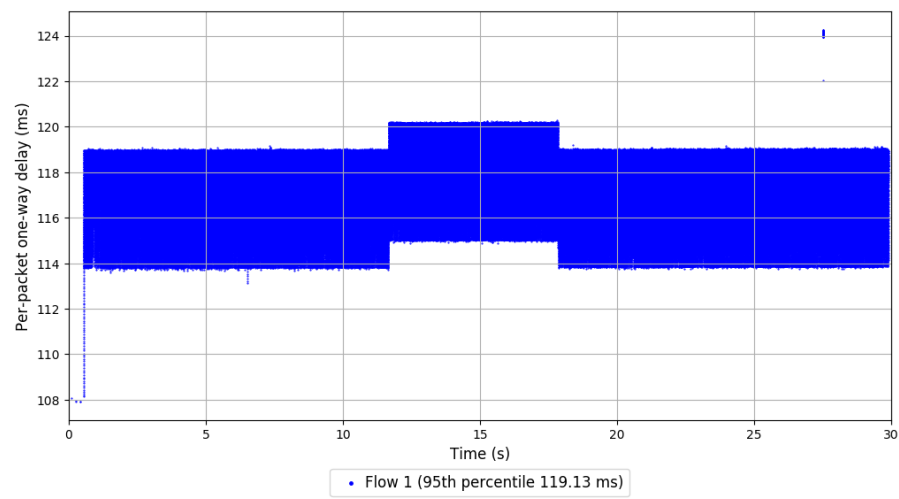
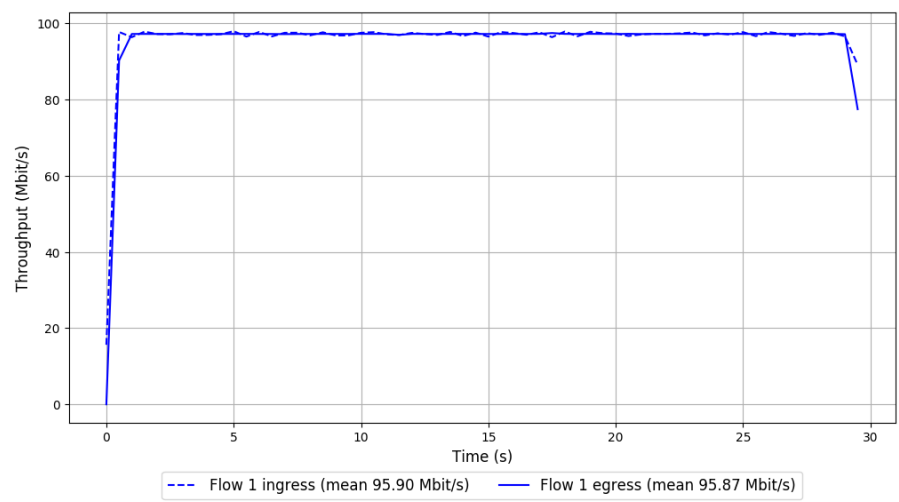


Run 4: Statistics of FillP

Start at: 2018-02-15 23:23:16
End at: 2018-02-15 23:23:46
Local clock offset: 12.055 ms
Remote clock offset: -3.729 ms

Below is generated by plot.py at 2018-02-16 05:37:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 119.134 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 119.134 ms
Loss rate: 0.59%

Run 4: Report of FillP — Data Link

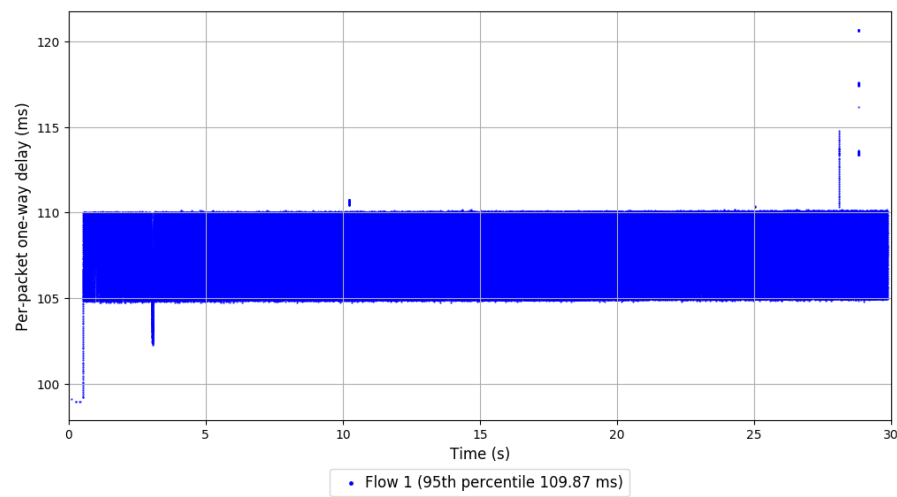
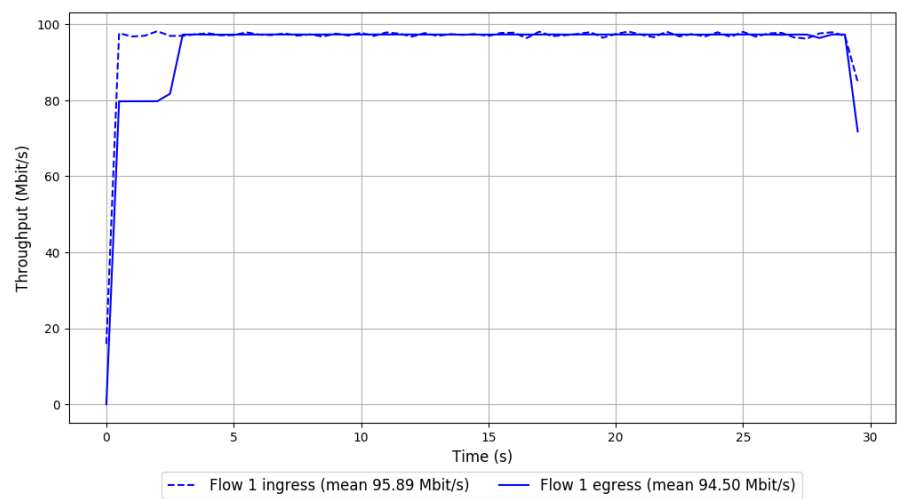


Run 5: Statistics of FillP

Start at: 2018-02-15 23:45:16
End at: 2018-02-15 23:45:46
Local clock offset: 9.188 ms
Remote clock offset: -0.136 ms

Below is generated by plot.py at 2018-02-16 05:37:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 109.867 ms
Loss rate: 2.00%
-- Flow 1:
Average throughput: 94.50 Mbit/s
95th percentile per-packet one-way delay: 109.867 ms
Loss rate: 2.00%

Run 5: Report of FillP — Data Link

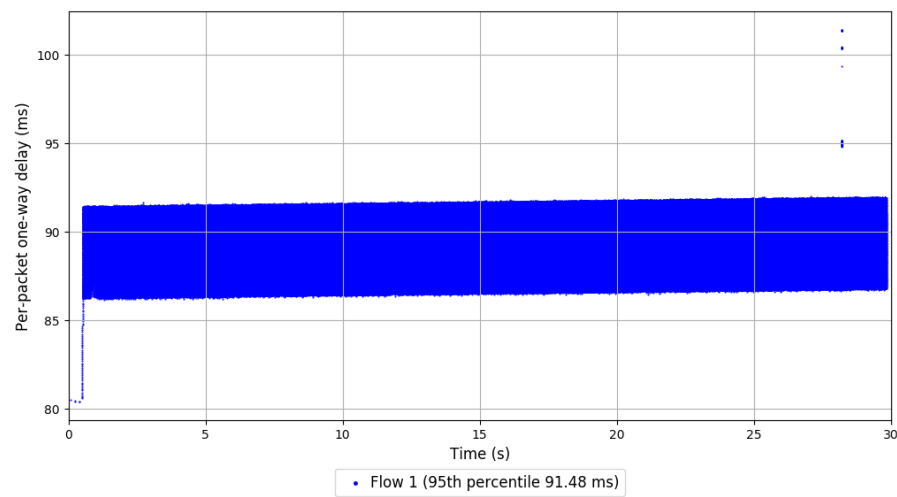
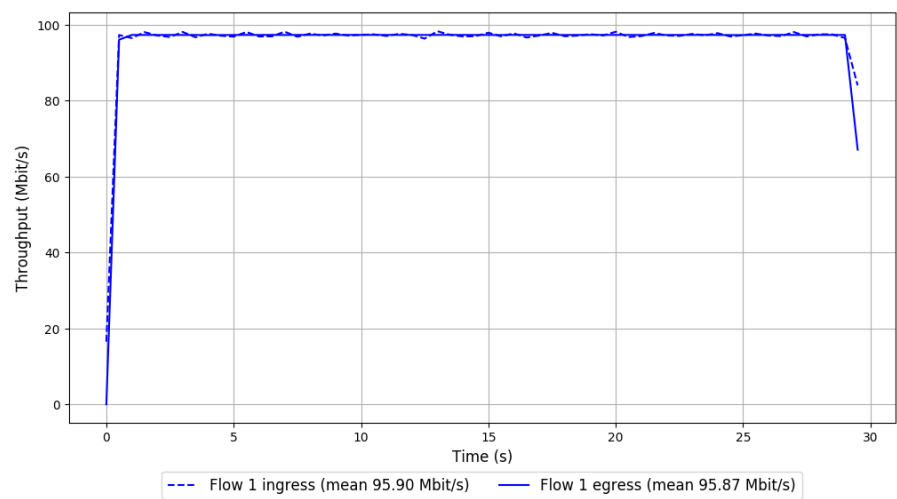


Run 6: Statistics of FillP

Start at: 2018-02-16 00:07:16
End at: 2018-02-16 00:07:46
Local clock offset: -19.569 ms
Remote clock offset: 0.957 ms

Below is generated by plot.py at 2018-02-16 05:37:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 91.484 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 91.484 ms
Loss rate: 0.59%

Run 6: Report of FillP — Data Link

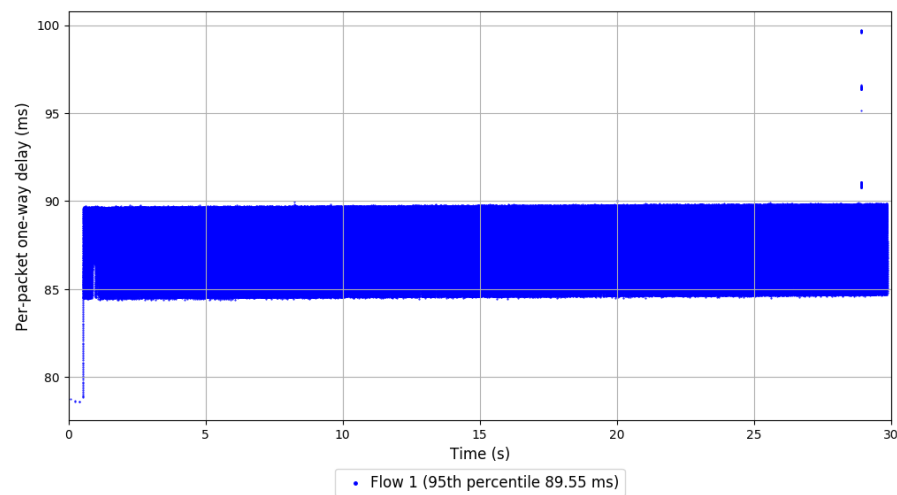
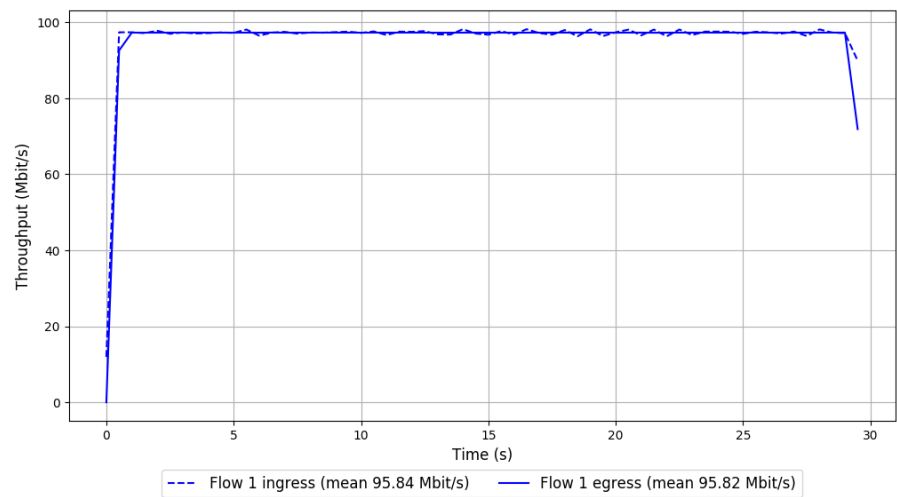


Run 7: Statistics of FillP

Start at: 2018-02-16 00:29:16
End at: 2018-02-16 00:29:46
Local clock offset: -36.119 ms
Remote clock offset: -0.016 ms

Below is generated by plot.py at 2018-02-16 05:37:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 89.553 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 95.82 Mbit/s
95th percentile per-packet one-way delay: 89.553 ms
Loss rate: 0.61%

Run 7: Report of FillP — Data Link

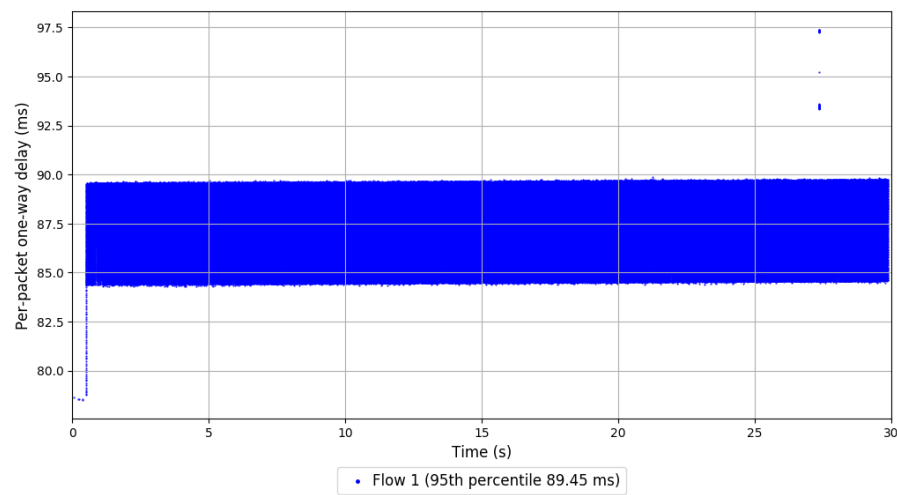
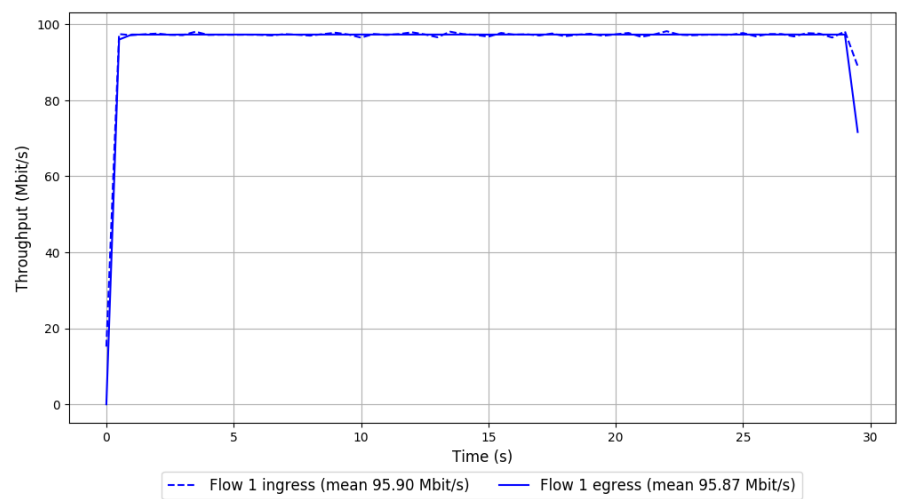


Run 8: Statistics of FillP

Start at: 2018-02-16 00:51:19
End at: 2018-02-16 00:51:49
Local clock offset: -45.381 ms
Remote clock offset: -0.148 ms

Below is generated by plot.py at 2018-02-16 05:37:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 89.449 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 95.87 Mbit/s
95th percentile per-packet one-way delay: 89.449 ms
Loss rate: 0.60%

Run 8: Report of FillP — Data Link

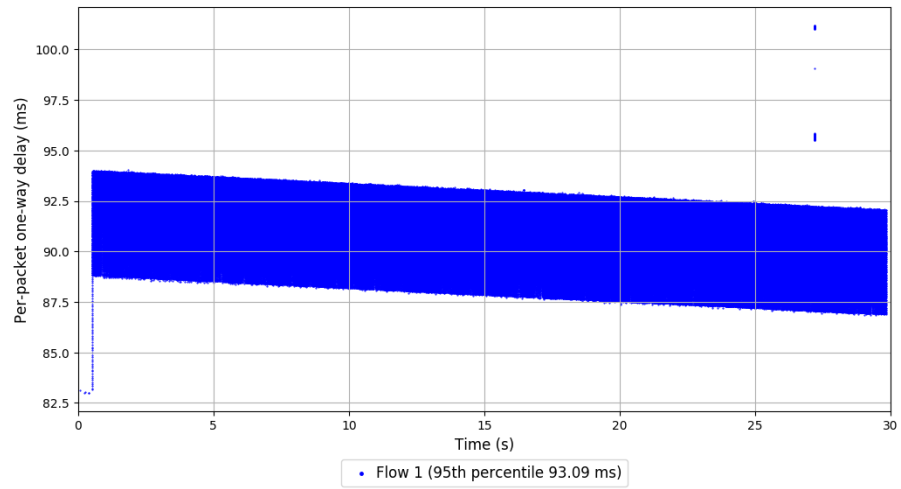
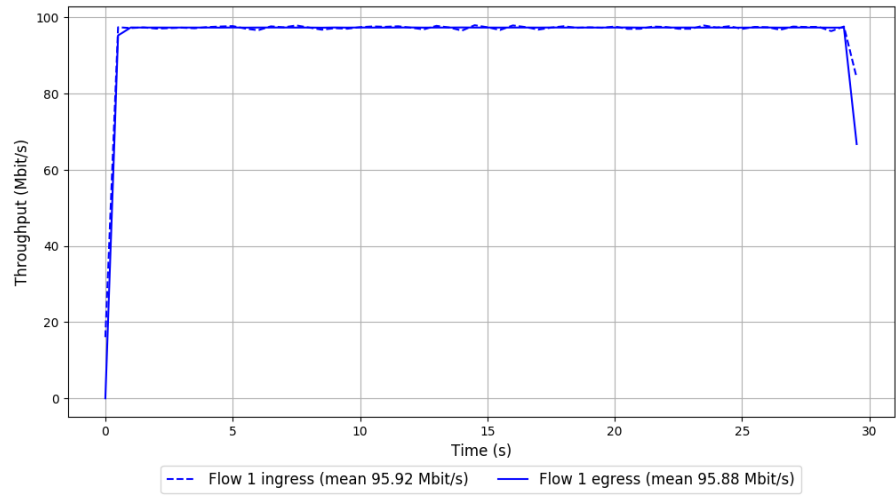


Run 9: Statistics of FillP

Start at: 2018-02-16 01:13:15
End at: 2018-02-16 01:13:45
Local clock offset: -37.67 ms
Remote clock offset: -3.211 ms

Below is generated by plot.py at 2018-02-16 05:38:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.88 Mbit/s
95th percentile per-packet one-way delay: 93.095 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 95.88 Mbit/s
95th percentile per-packet one-way delay: 93.095 ms
Loss rate: 0.60%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-02-16 01:35:18

End at: 2018-02-16 01:35:48

Local clock offset: 2.272 ms

Remote clock offset: 4.865 ms

Below is generated by plot.py at 2018-02-16 05:38:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.84 Mbit/s

95th percentile per-packet one-way delay: 90.501 ms

Loss rate: 0.60%

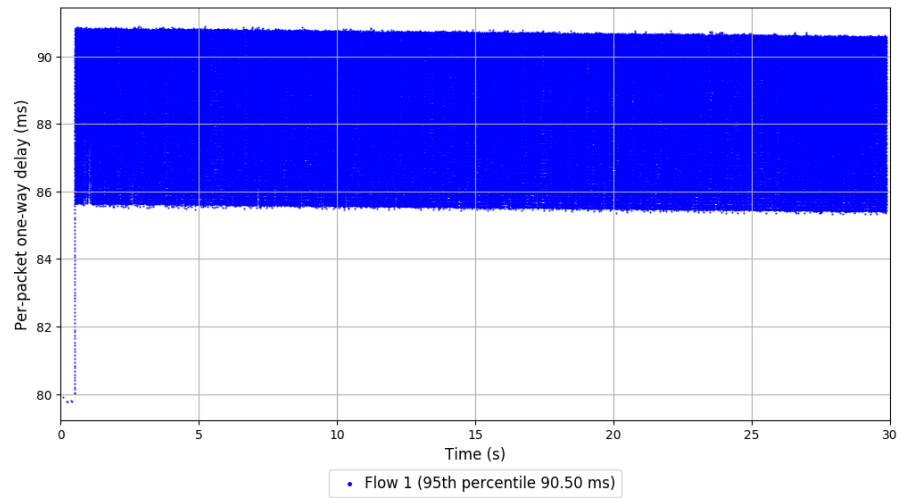
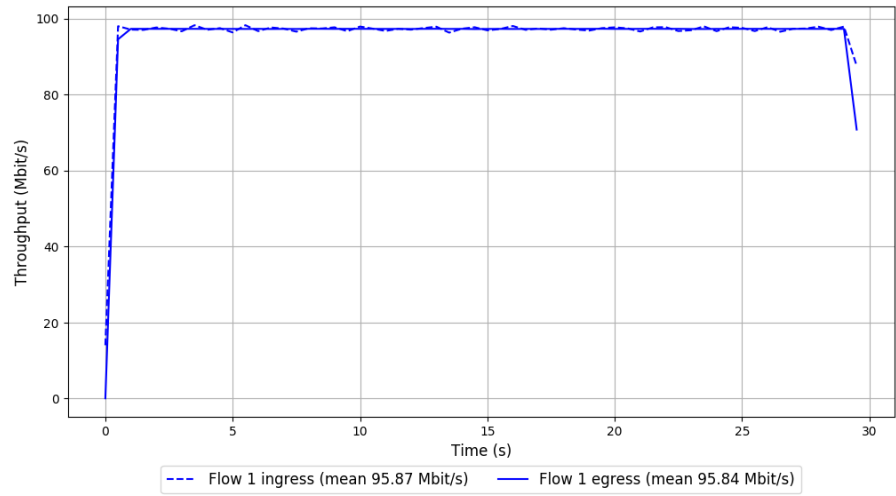
-- Flow 1:

Average throughput: 95.84 Mbit/s

95th percentile per-packet one-way delay: 90.501 ms

Loss rate: 0.60%

Run 10: Report of FillP — Data Link

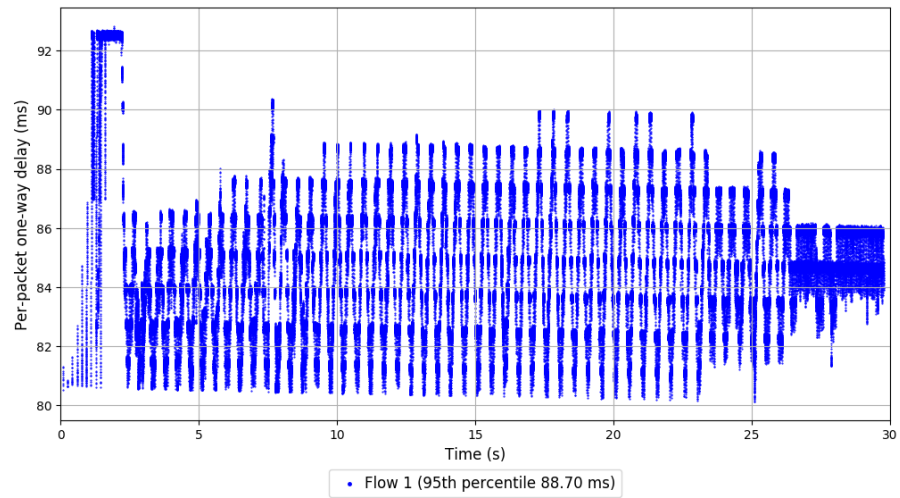
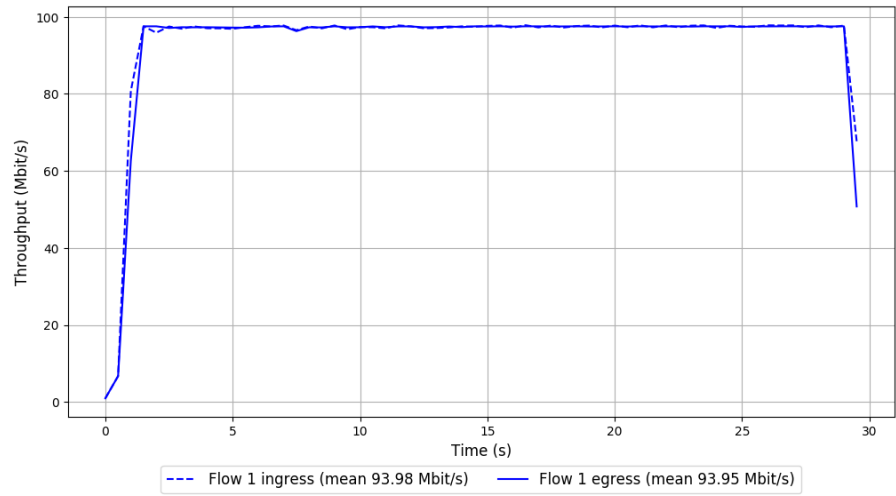


Run 1: Statistics of Indigo-1-32

Start at: 2018-02-15 22:20:40
End at: 2018-02-15 22:21:10
Local clock offset: -26.584 ms
Remote clock offset: 2.985 ms

Below is generated by plot.py at 2018-02-16 05:38:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.95 Mbit/s
95th percentile per-packet one-way delay: 88.703 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 93.95 Mbit/s
95th percentile per-packet one-way delay: 88.703 ms
Loss rate: 0.60%

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

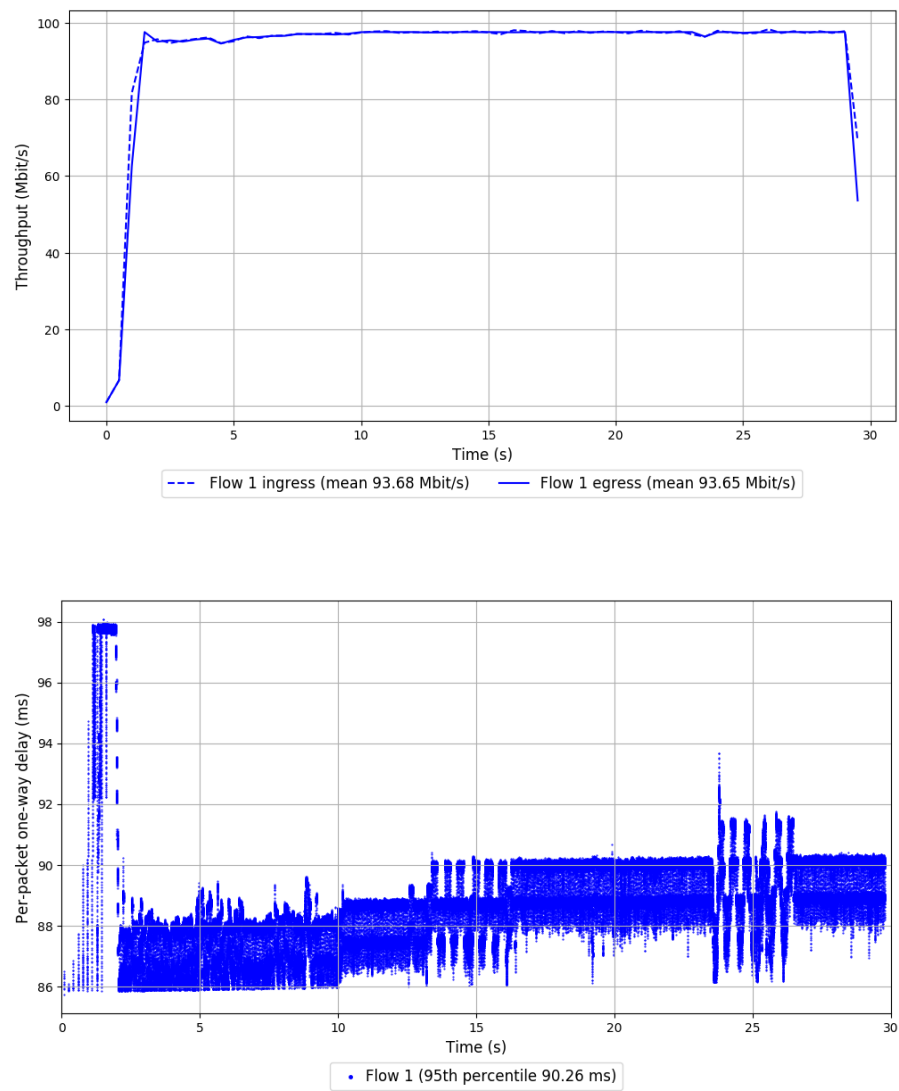


Run 2: Statistics of Indigo-1-32

Start at: 2018-02-15 22:42:51
End at: 2018-02-15 22:43:21
Local clock offset: -28.242 ms
Remote clock offset: -2.111 ms

Below is generated by plot.py at 2018-02-16 05:38:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.65 Mbit/s
95th percentile per-packet one-way delay: 90.257 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 93.65 Mbit/s
95th percentile per-packet one-way delay: 90.257 ms
Loss rate: 0.59%

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

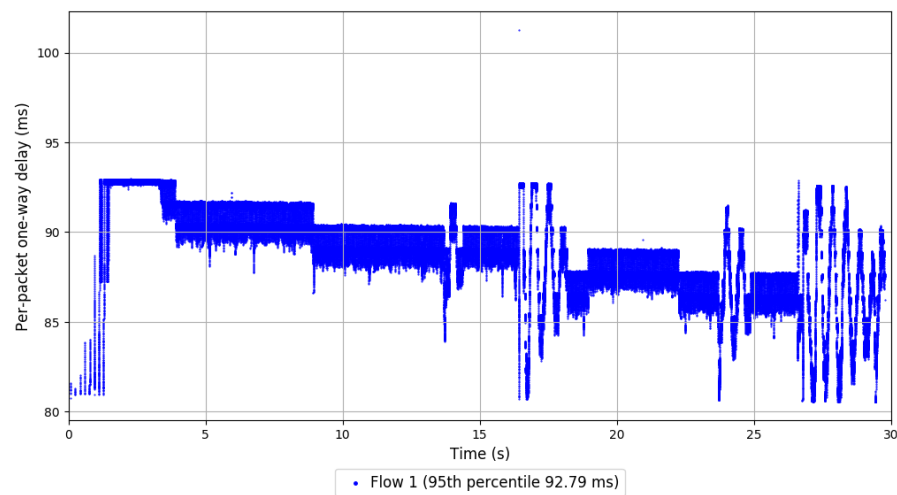
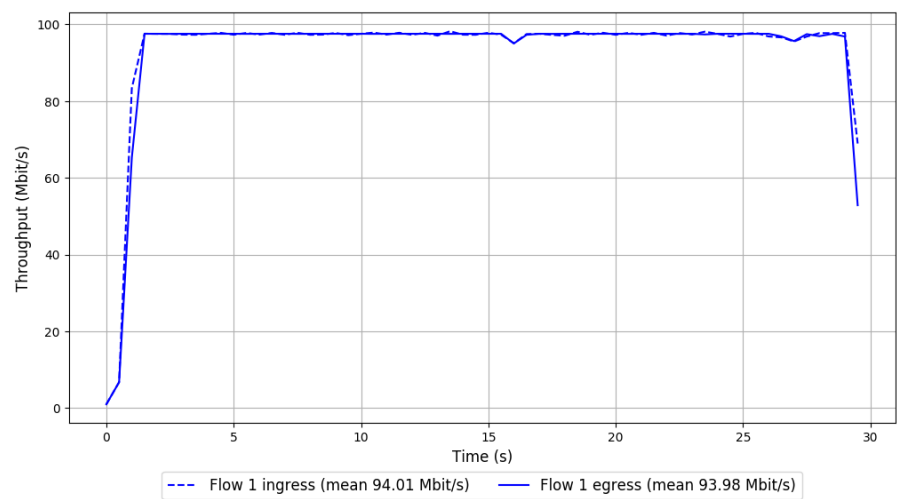


Run 3: Statistics of Indigo-1-32

Start at: 2018-02-15 23:04:51
End at: 2018-02-15 23:05:21
Local clock offset: -12.837 ms
Remote clock offset: 3.368 ms

Below is generated by plot.py at 2018-02-16 05:38:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.98 Mbit/s
95th percentile per-packet one-way delay: 92.787 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 93.98 Mbit/s
95th percentile per-packet one-way delay: 92.787 ms
Loss rate: 0.60%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-02-15 23:26:52

End at: 2018-02-15 23:27:22

Local clock offset: 9.726 ms

Remote clock offset: -4.227 ms

Below is generated by plot.py at 2018-02-16 05:38:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.90 Mbit/s

95th percentile per-packet one-way delay: 118.151 ms

Loss rate: 0.61%

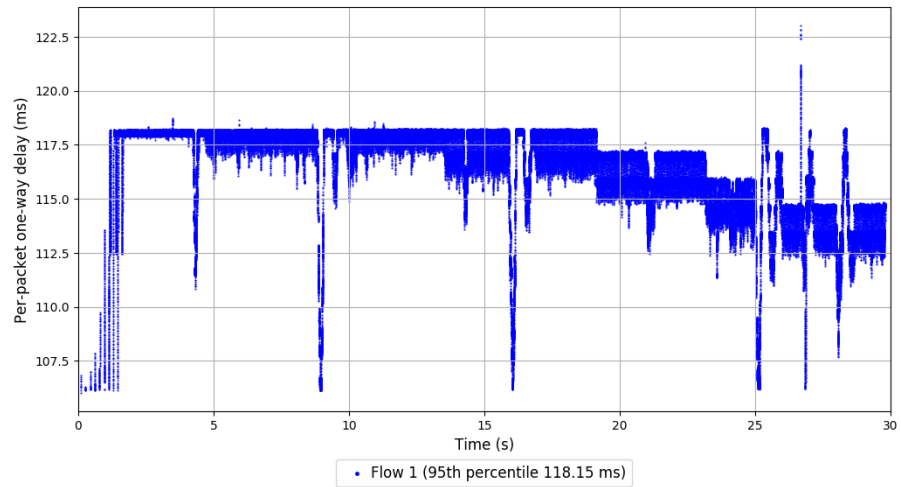
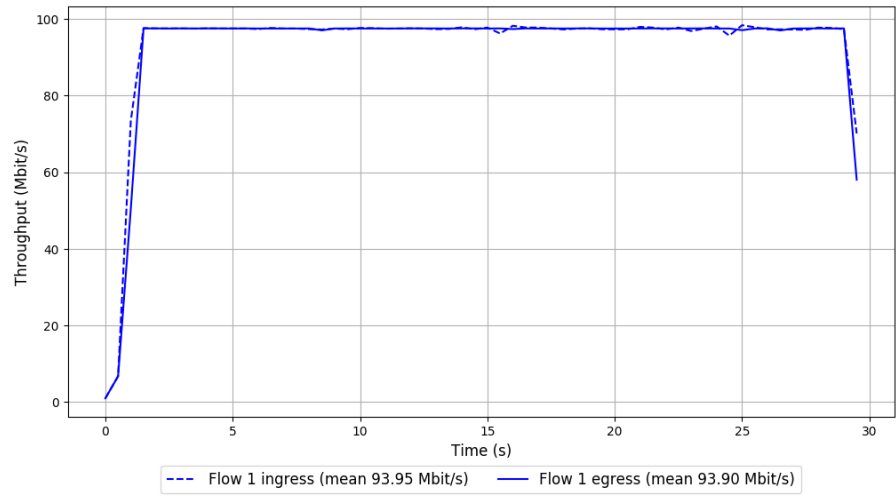
-- Flow 1:

Average throughput: 93.90 Mbit/s

95th percentile per-packet one-way delay: 118.151 ms

Loss rate: 0.61%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-02-15 23:48:52

End at: 2018-02-15 23:49:22

Local clock offset: 7.017 ms

Remote clock offset: -4.057 ms

Below is generated by plot.py at 2018-02-16 05:39:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.63 Mbit/s

95th percentile per-packet one-way delay: 108.621 ms

Loss rate: 0.58%

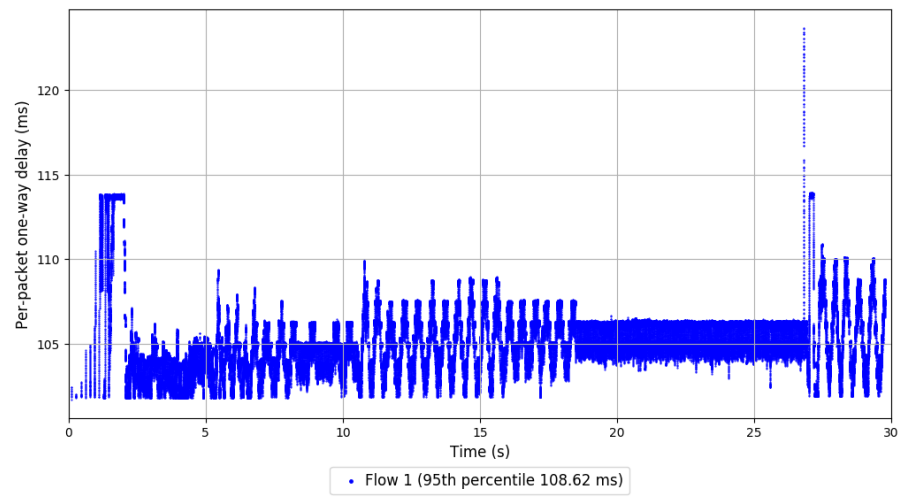
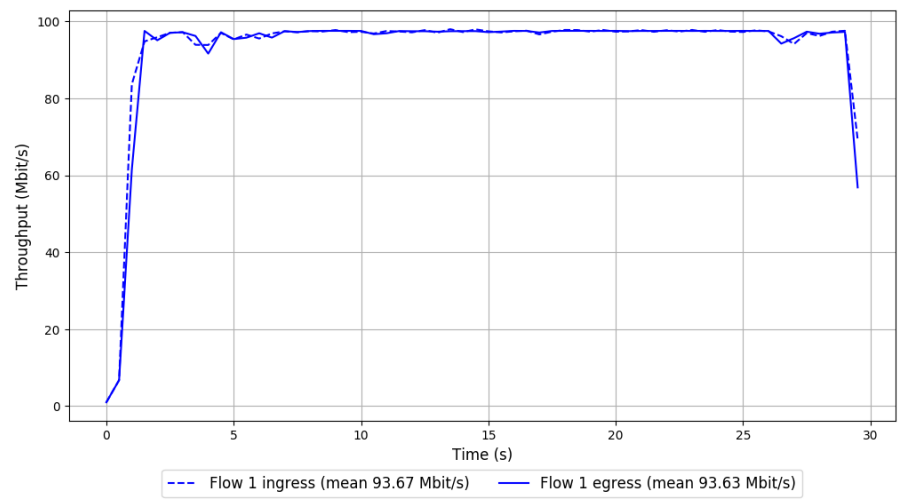
-- Flow 1:

Average throughput: 93.63 Mbit/s

95th percentile per-packet one-way delay: 108.621 ms

Loss rate: 0.58%

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

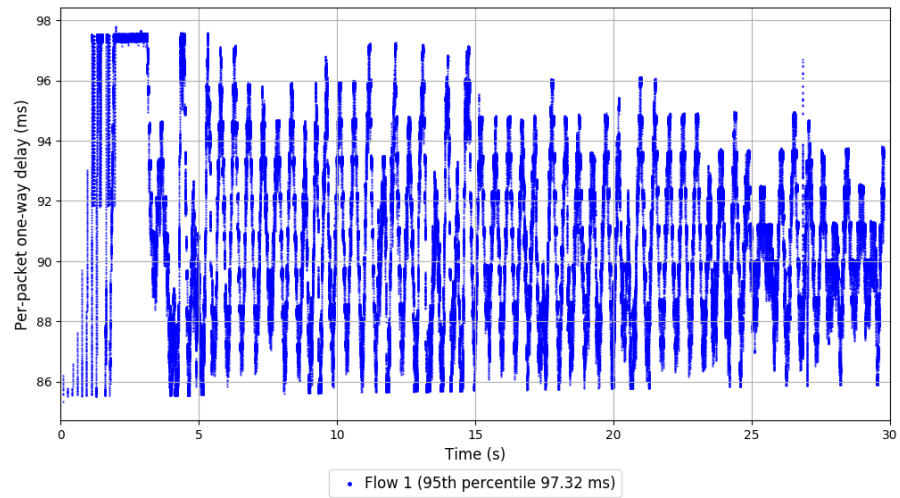
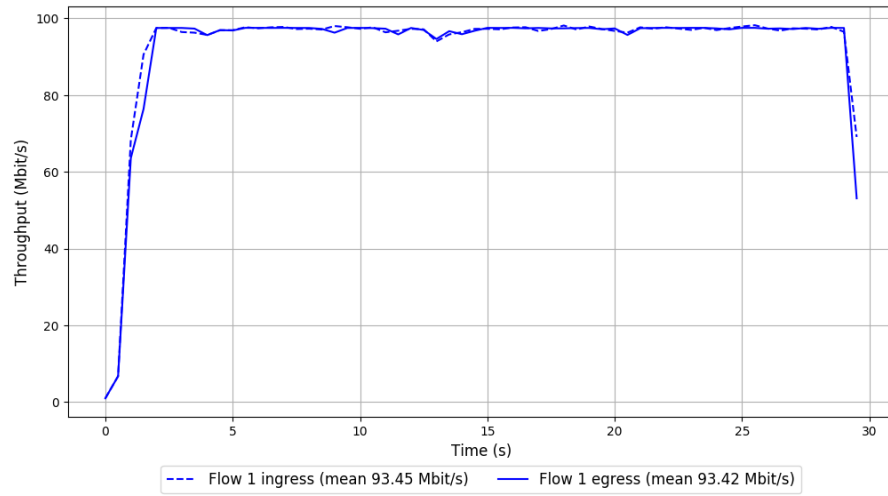


Run 6: Statistics of Indigo-1-32

Start at: 2018-02-16 00:10:52
End at: 2018-02-16 00:11:22
Local clock offset: -25.002 ms
Remote clock offset: -4.049 ms

Below is generated by plot.py at 2018-02-16 05:39:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.42 Mbit/s
95th percentile per-packet one-way delay: 97.322 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 93.42 Mbit/s
95th percentile per-packet one-way delay: 97.322 ms
Loss rate: 0.59%

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

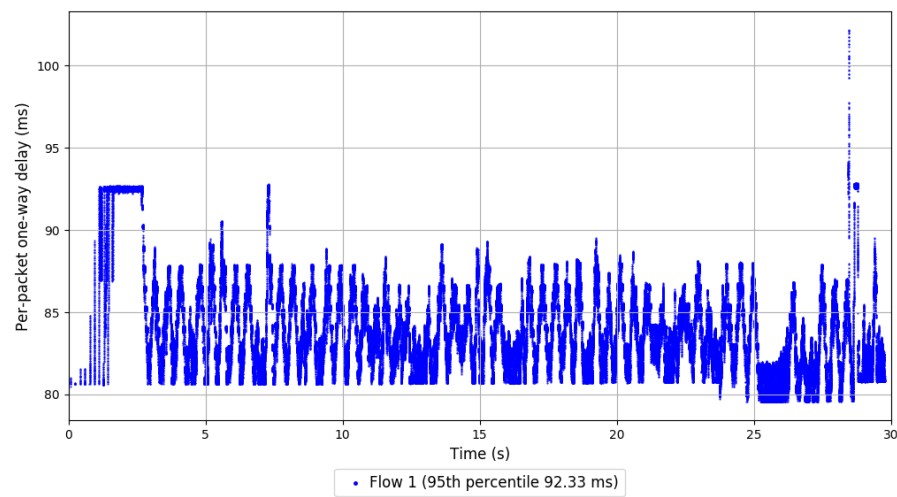
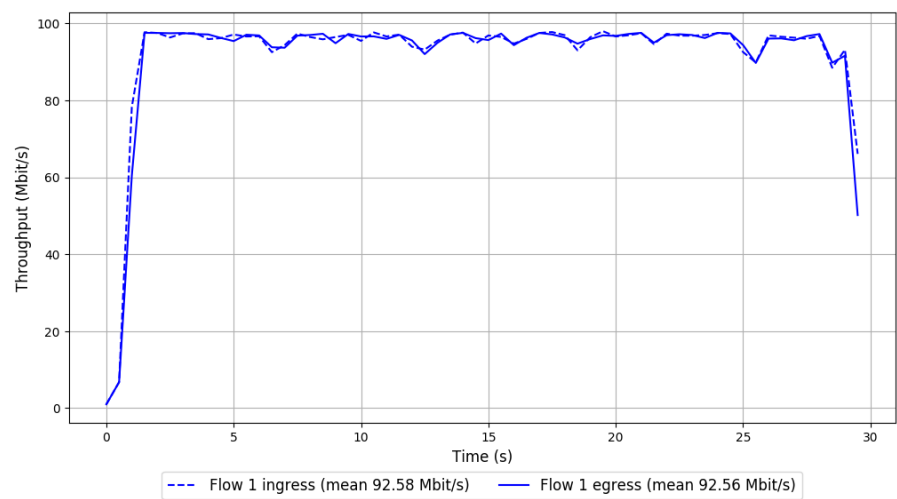


Run 7: Statistics of Indigo-1-32

Start at: 2018-02-16 00:32:52
End at: 2018-02-16 00:33:22
Local clock offset: -37.629 ms
Remote clock offset: -1.116 ms

Below is generated by plot.py at 2018-02-16 05:39:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.56 Mbit/s
95th percentile per-packet one-way delay: 92.332 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 92.56 Mbit/s
95th percentile per-packet one-way delay: 92.332 ms
Loss rate: 0.57%

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

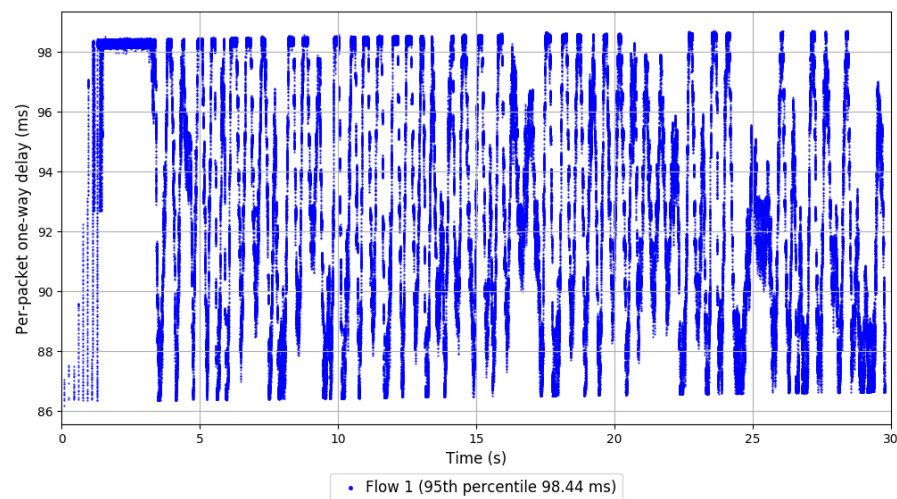
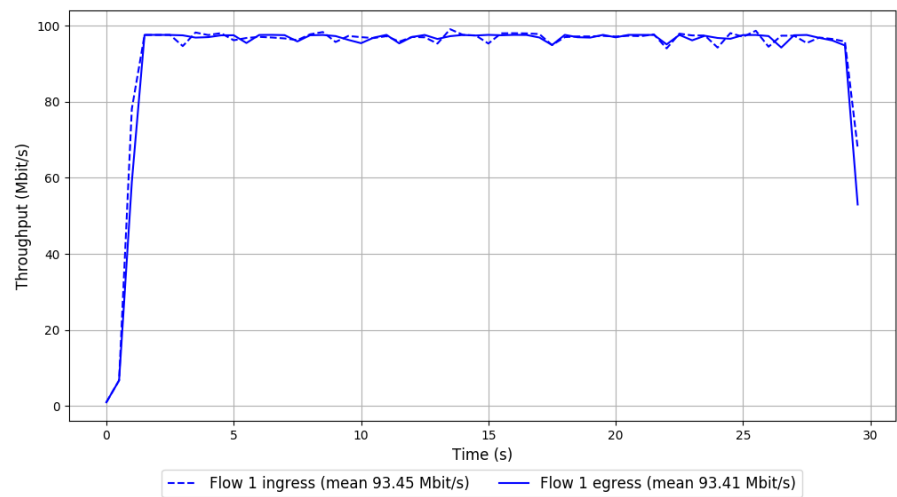


Run 8: Statistics of Indigo-1-32

Start at: 2018-02-16 00:54:55
End at: 2018-02-16 00:55:25
Local clock offset: -46.764 ms
Remote clock offset: -6.21 ms

Below is generated by plot.py at 2018-02-16 05:39:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.41 Mbit/s
95th percentile per-packet one-way delay: 98.437 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 93.41 Mbit/s
95th percentile per-packet one-way delay: 98.437 ms
Loss rate: 0.60%

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

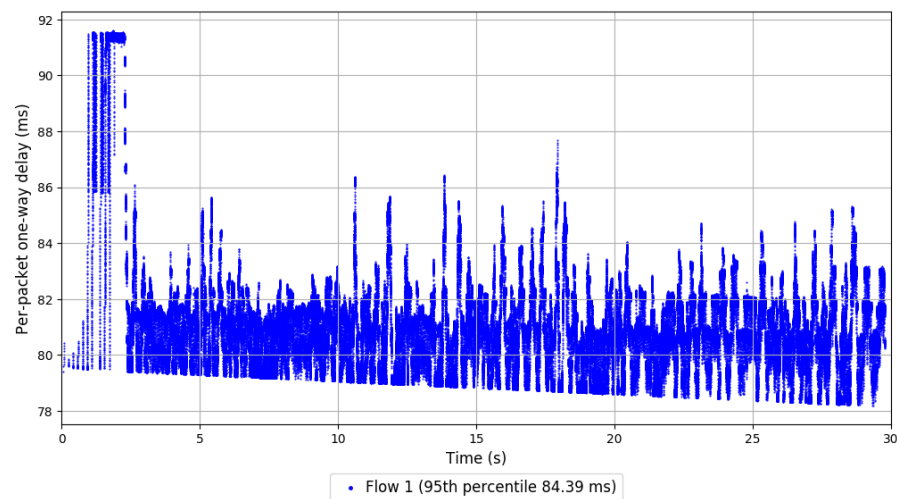
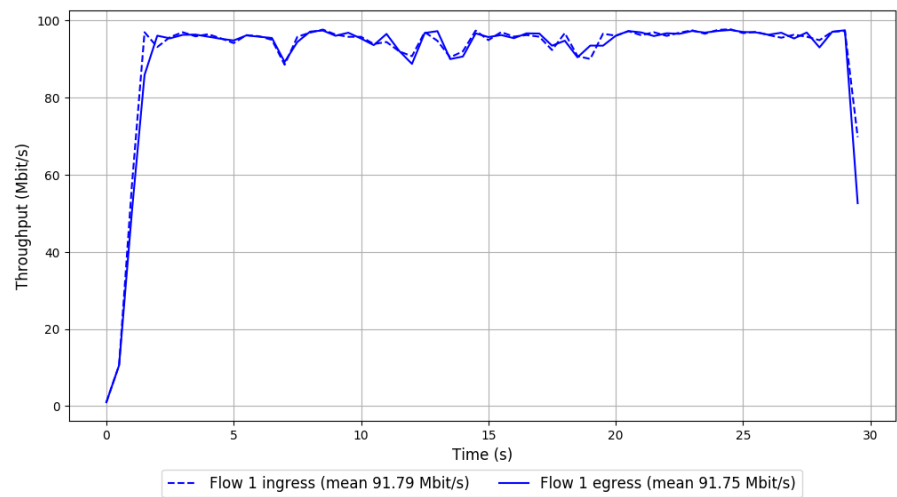


Run 9: Statistics of Indigo-1-32

Start at: 2018-02-16 01:16:52
End at: 2018-02-16 01:17:22
Local clock offset: -24.797 ms
Remote clock offset: 0.962 ms

Below is generated by plot.py at 2018-02-16 05:39:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.75 Mbit/s
95th percentile per-packet one-way delay: 84.392 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 91.75 Mbit/s
95th percentile per-packet one-way delay: 84.392 ms
Loss rate: 0.60%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-02-16 01:38:53

End at: 2018-02-16 01:39:23

Local clock offset: 4.748 ms

Remote clock offset: 4.836 ms

Below is generated by plot.py at 2018-02-16 05:40:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.12 Mbit/s

95th percentile per-packet one-way delay: 85.497 ms

Loss rate: 0.60%

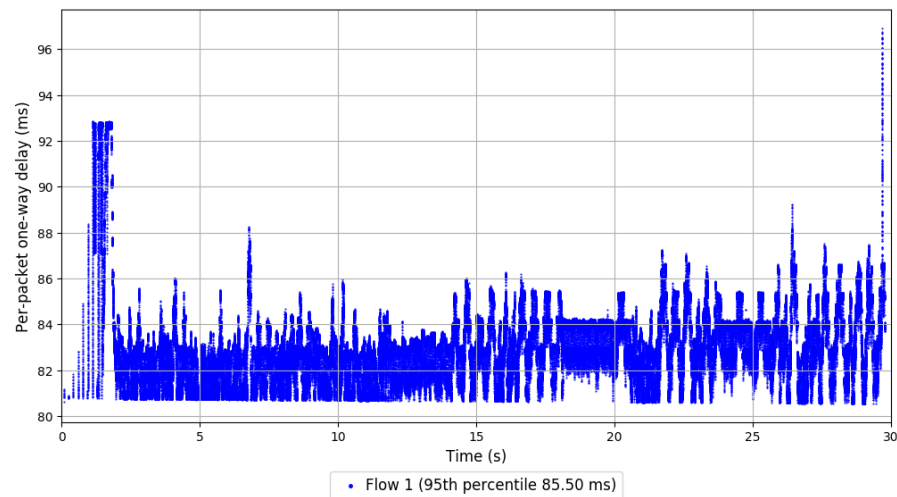
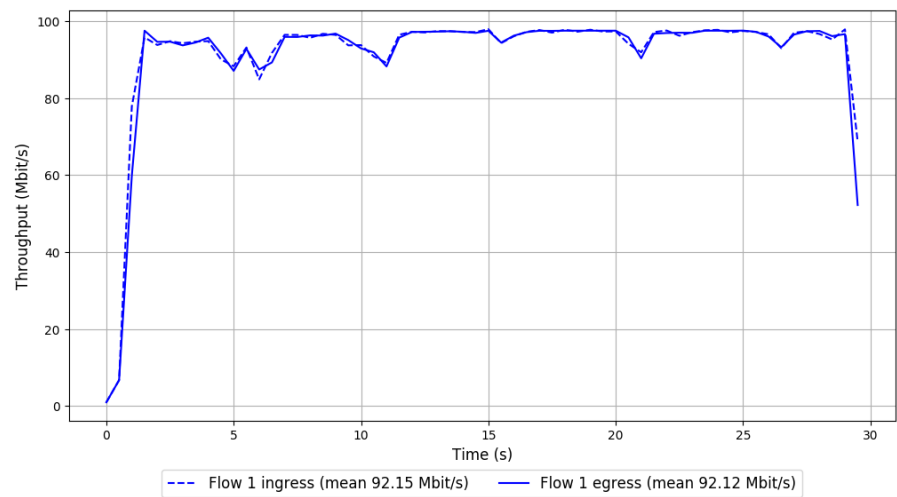
-- Flow 1:

Average throughput: 92.12 Mbit/s

95th percentile per-packet one-way delay: 85.497 ms

Loss rate: 0.60%

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

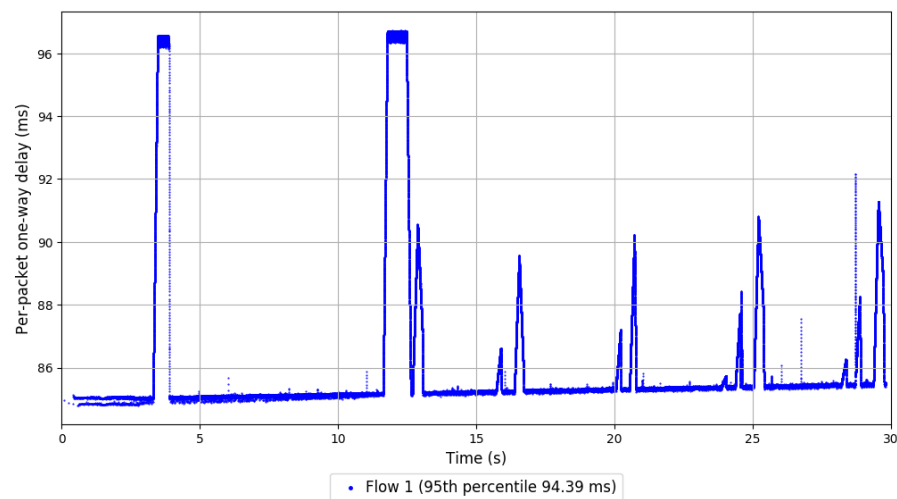
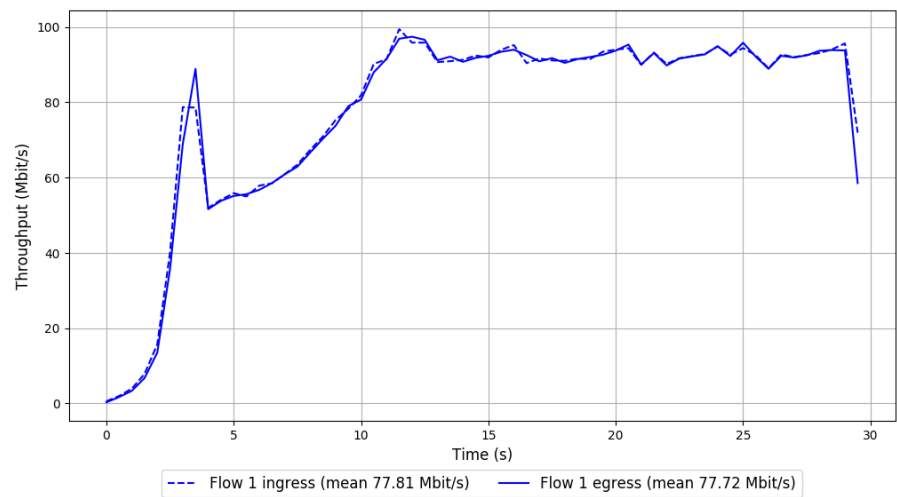


Run 1: Statistics of Vivace-latency

Start at: 2018-02-15 22:12:09
End at: 2018-02-15 22:12:39
Local clock offset: -19.739 ms
Remote clock offset: -3.004 ms

Below is generated by plot.py at 2018-02-16 05:40:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.72 Mbit/s
95th percentile per-packet one-way delay: 94.390 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 77.72 Mbit/s
95th percentile per-packet one-way delay: 94.390 ms
Loss rate: 0.67%

Run 1: Report of Vivace-latency — Data Link

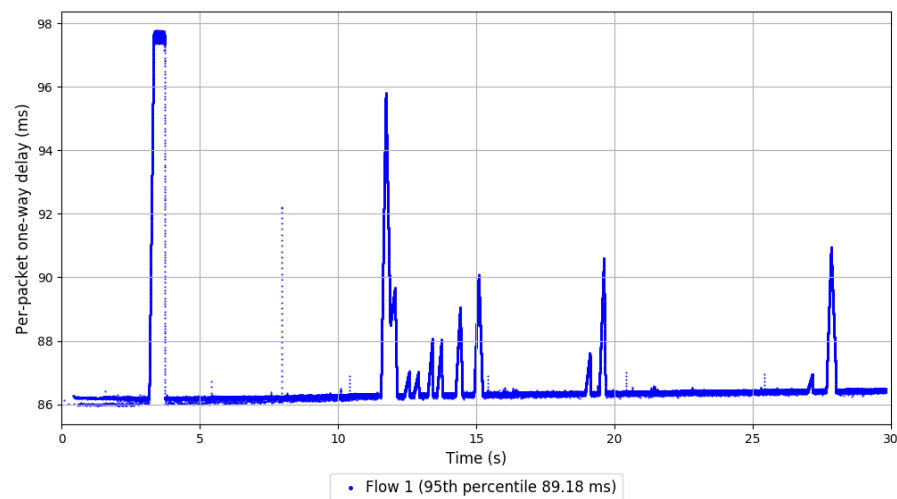
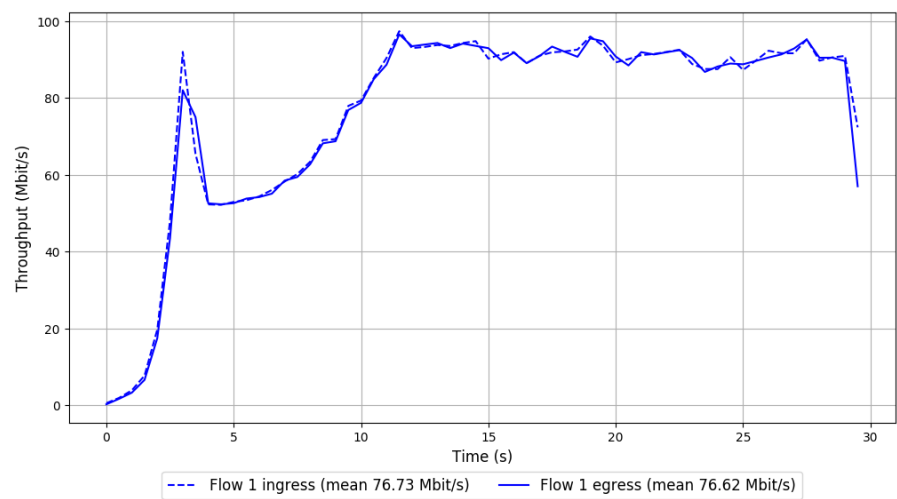


Run 2: Statistics of Vivace-latency

Start at: 2018-02-15 22:34:18
End at: 2018-02-15 22:34:48
Local clock offset: -22.967 ms
Remote clock offset: -2.401 ms

Below is generated by plot.py at 2018-02-16 05:40:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.62 Mbit/s
95th percentile per-packet one-way delay: 89.177 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 76.62 Mbit/s
95th percentile per-packet one-way delay: 89.177 ms
Loss rate: 0.69%

Run 2: Report of Vivace-latency — Data Link

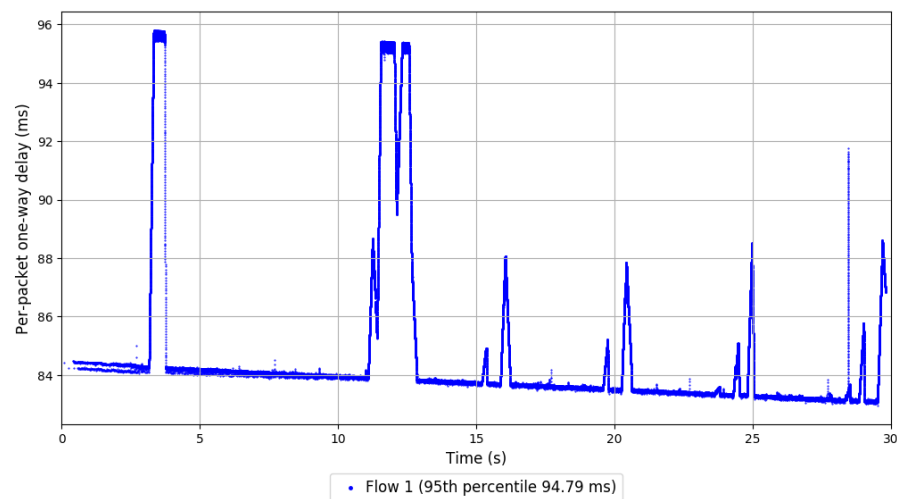
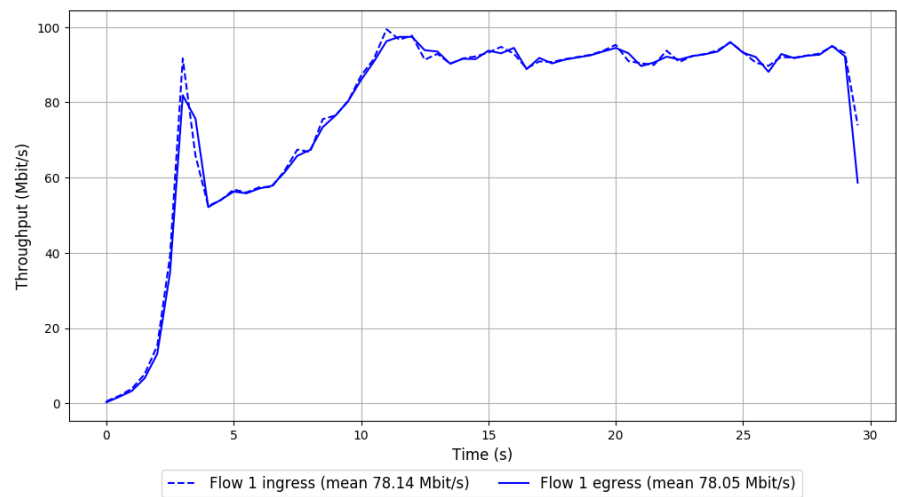


Run 3: Statistics of Vivace-latency

Start at: 2018-02-15 22:56:22
End at: 2018-02-15 22:56:52
Local clock offset: -28.115 ms
Remote clock offset: -0.922 ms

Below is generated by plot.py at 2018-02-16 05:40:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.05 Mbit/s
95th percentile per-packet one-way delay: 94.790 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 78.05 Mbit/s
95th percentile per-packet one-way delay: 94.790 ms
Loss rate: 0.68%

Run 3: Report of Vivace-latency — Data Link



Run 4: Statistics of Vivace-latency

Start at: 2018-02-15 23:18:23

End at: 2018-02-15 23:18:53

Local clock offset: 7.489 ms

Remote clock offset: 3.317 ms

Below is generated by plot.py at 2018-02-16 05:40:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.41 Mbit/s

95th percentile per-packet one-way delay: 107.367 ms

Loss rate: 0.65%

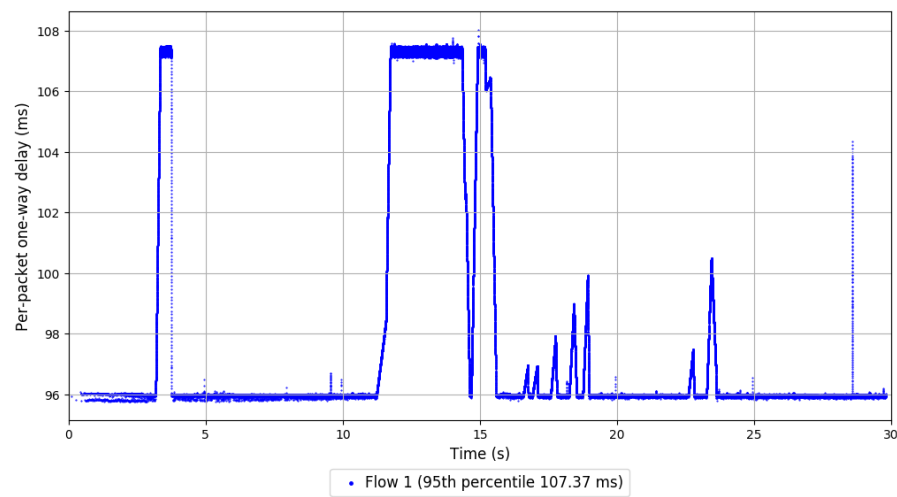
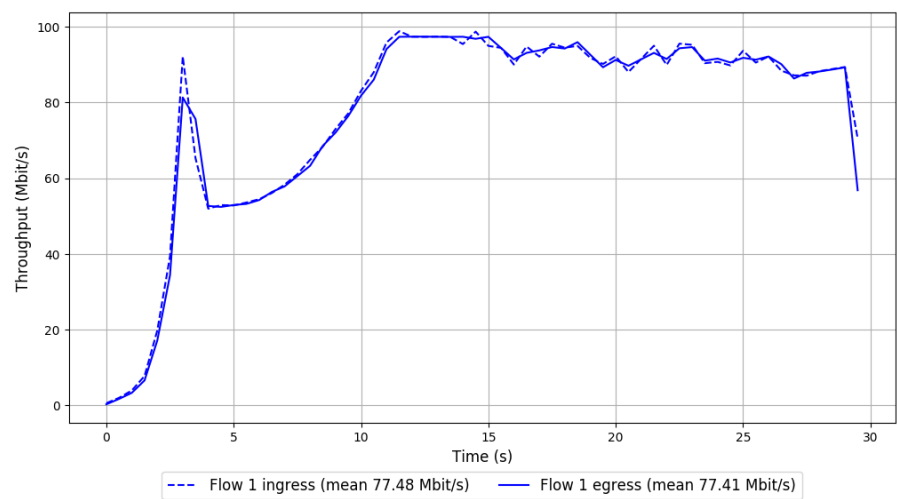
-- Flow 1:

Average throughput: 77.41 Mbit/s

95th percentile per-packet one-way delay: 107.367 ms

Loss rate: 0.65%

Run 4: Report of Vivace-latency — Data Link

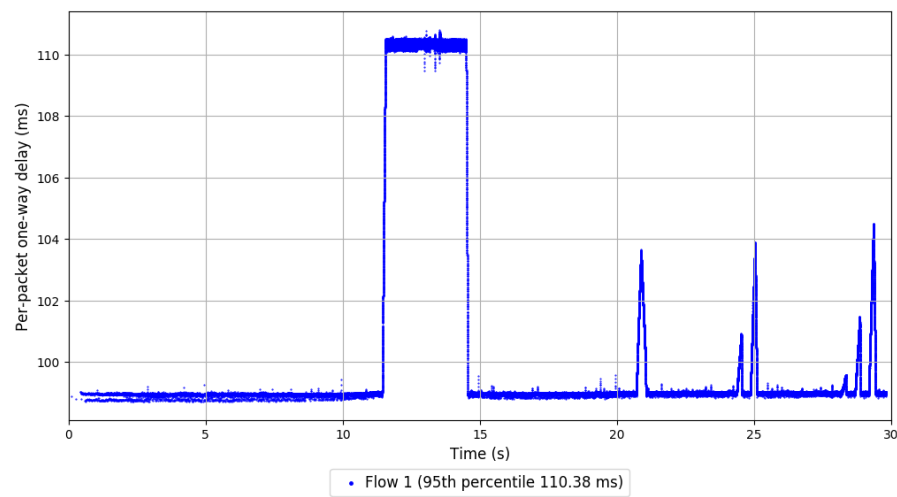
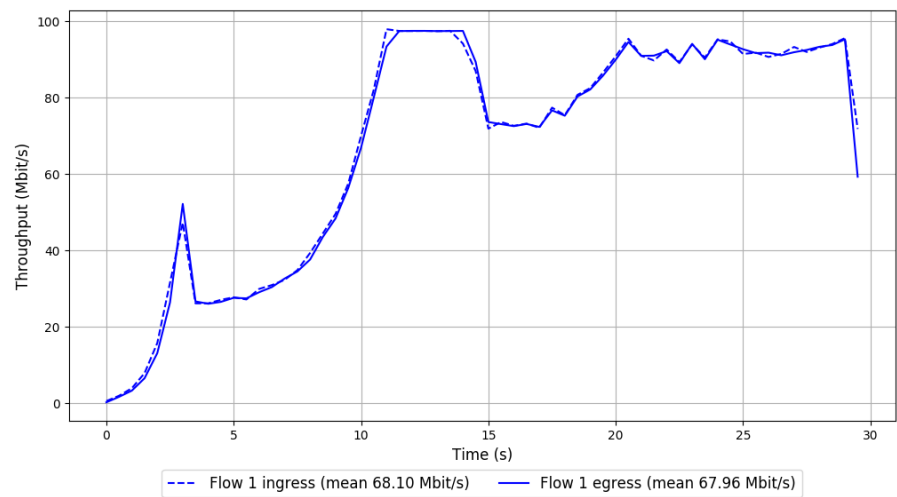


Run 5: Statistics of Vivace-latency

Start at: 2018-02-15 23:40:23
End at: 2018-02-15 23:40:53
Local clock offset: 8.791 ms
Remote clock offset: -0.022 ms

Below is generated by plot.py at 2018-02-16 05:40:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 67.96 Mbit/s
95th percentile per-packet one-way delay: 110.376 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 67.96 Mbit/s
95th percentile per-packet one-way delay: 110.376 ms
Loss rate: 0.77%

Run 5: Report of Vivace-latency — Data Link

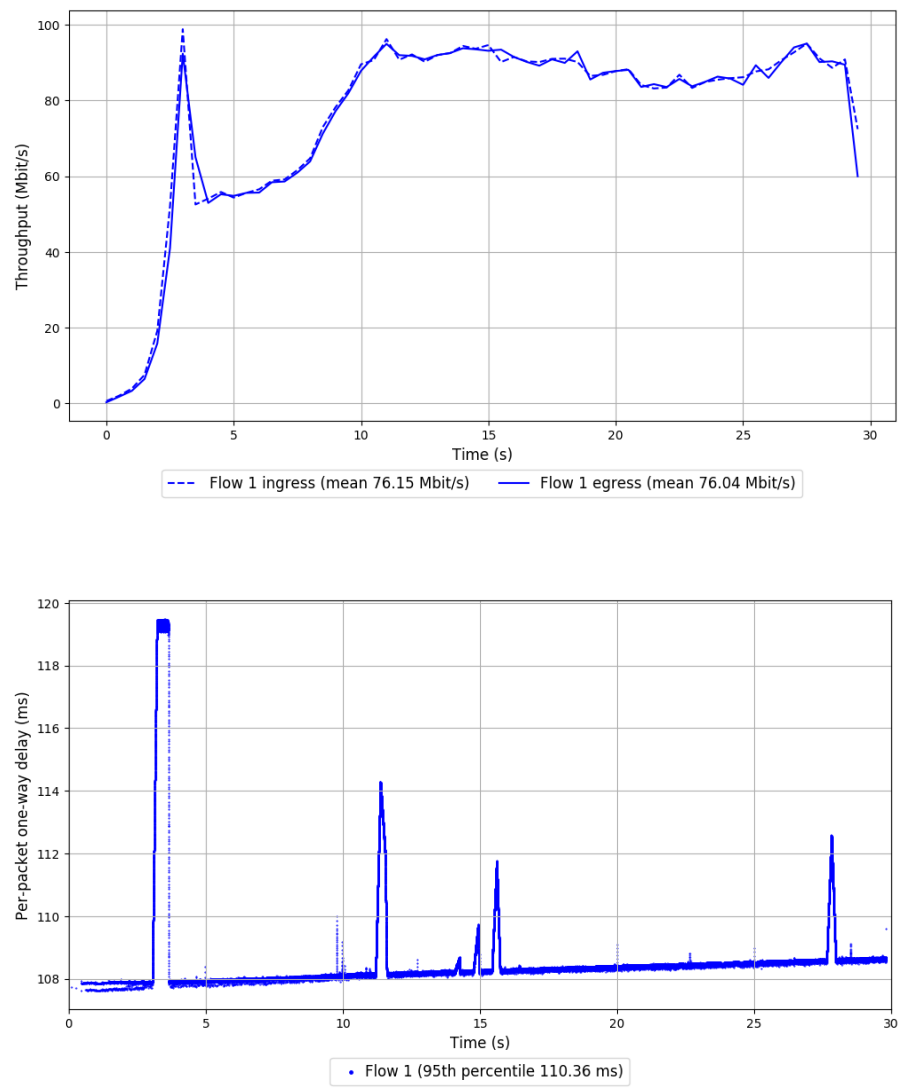


Run 6: Statistics of Vivace-latency

Start at: 2018-02-16 00:02:23
End at: 2018-02-16 00:02:53
Local clock offset: 6.436 ms
Remote clock offset: -3.862 ms

Below is generated by plot.py at 2018-02-16 05:41:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.04 Mbit/s
95th percentile per-packet one-way delay: 110.362 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 76.04 Mbit/s
95th percentile per-packet one-way delay: 110.362 ms
Loss rate: 0.72%

Run 6: Report of Vivace-latency — Data Link

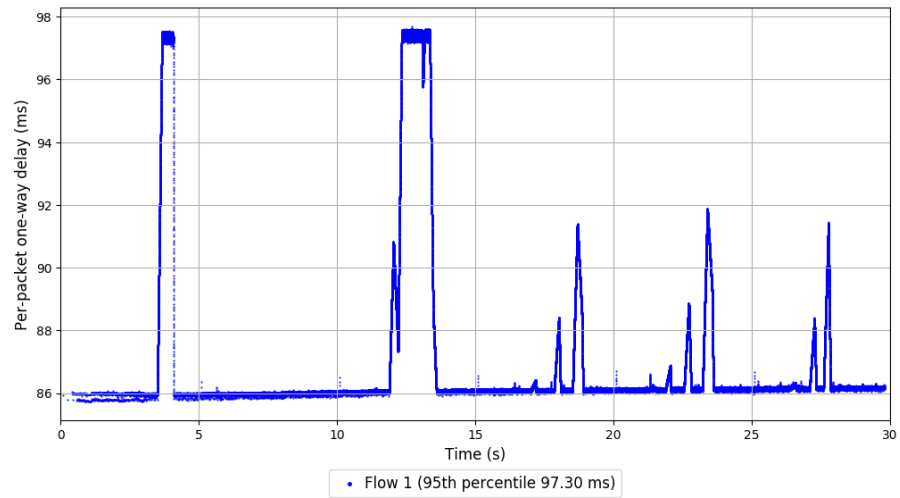
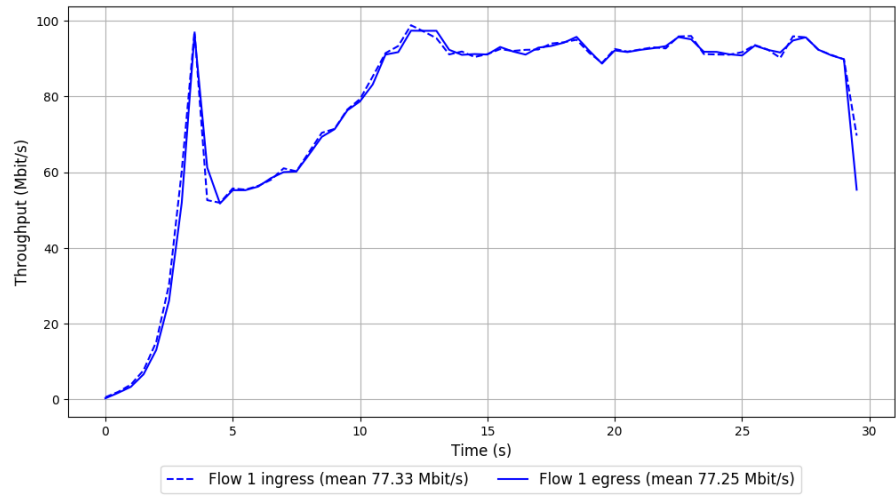


Run 7: Statistics of Vivace-latency

Start at: 2018-02-16 00:24:23
End at: 2018-02-16 00:24:53
Local clock offset: -33.679 ms
Remote clock offset: -5.504 ms

Below is generated by plot.py at 2018-02-16 05:41:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.25 Mbit/s
95th percentile per-packet one-way delay: 97.299 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 77.25 Mbit/s
95th percentile per-packet one-way delay: 97.299 ms
Loss rate: 0.67%

Run 7: Report of Vivace-latency — Data Link

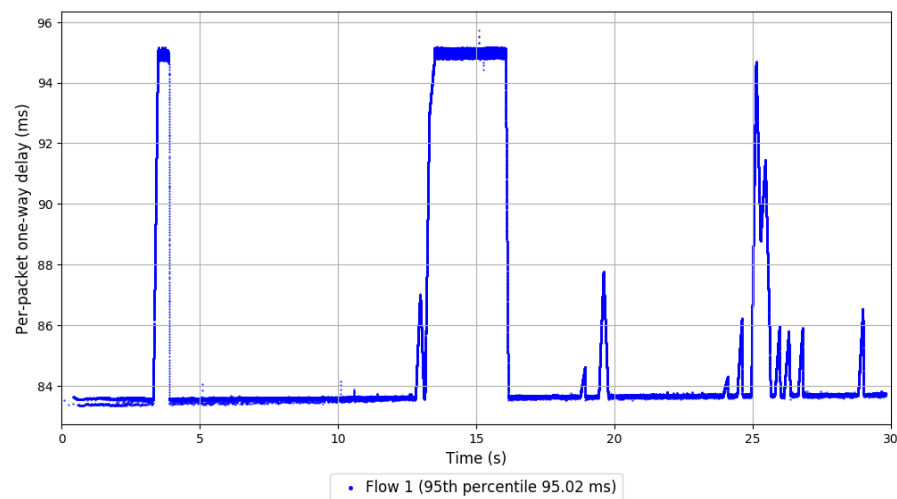
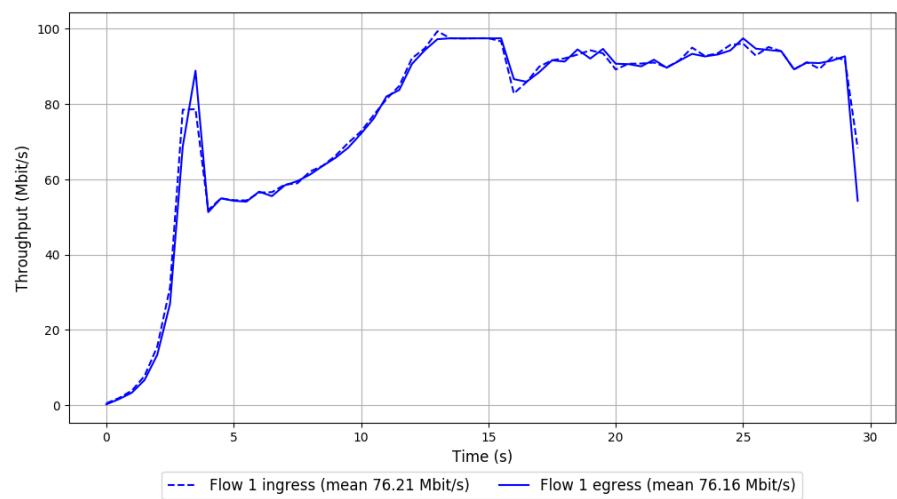


Run 8: Statistics of Vivace-latency

Start at: 2018-02-16 00:46:24
End at: 2018-02-16 00:46:54
Local clock offset: -43.37 ms
Remote clock offset: -5.662 ms

Below is generated by plot.py at 2018-02-16 05:41:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.16 Mbit/s
95th percentile per-packet one-way delay: 95.022 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 76.16 Mbit/s
95th percentile per-packet one-way delay: 95.022 ms
Loss rate: 0.62%

Run 8: Report of Vivace-latency — Data Link

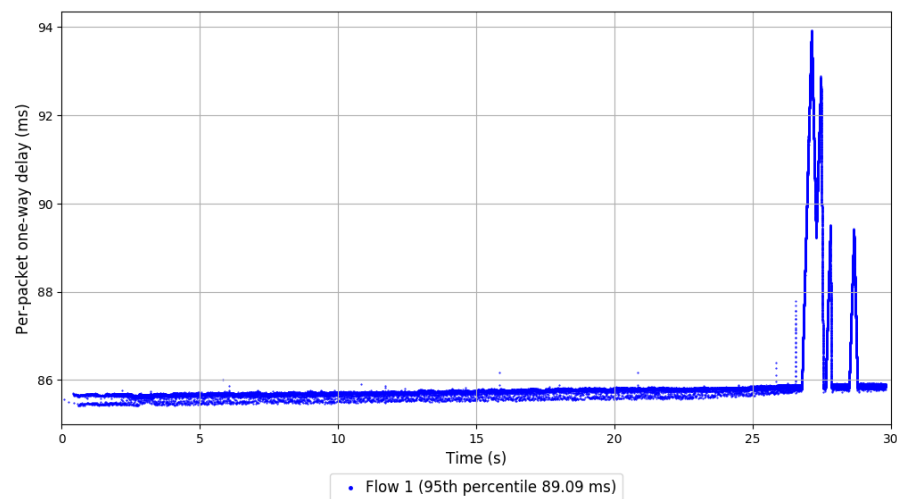
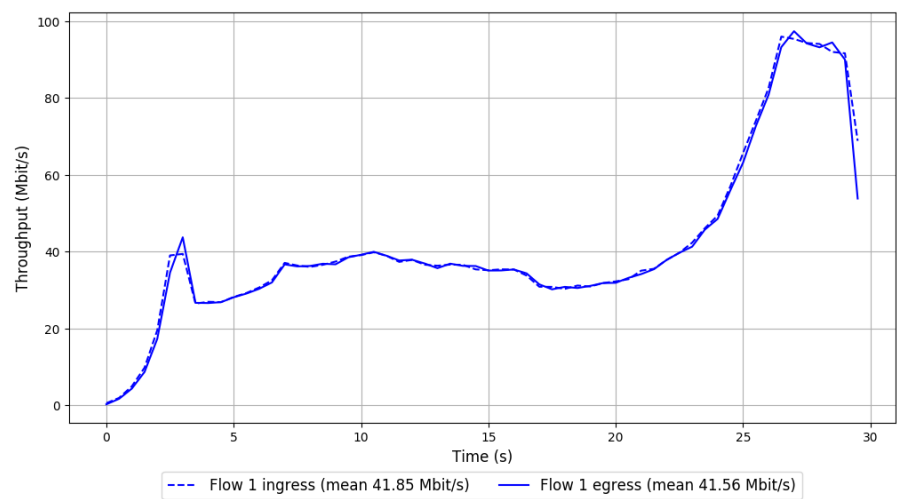


Run 9: Statistics of Vivace-latency

Start at: 2018-02-16 01:08:23
End at: 2018-02-16 01:08:53
Local clock offset: -52.25 ms
Remote clock offset: -4.336 ms

Below is generated by plot.py at 2018-02-16 05:41:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.56 Mbit/s
95th percentile per-packet one-way delay: 89.089 ms
Loss rate: 1.25%
-- Flow 1:
Average throughput: 41.56 Mbit/s
95th percentile per-packet one-way delay: 89.089 ms
Loss rate: 1.25%

Run 9: Report of Vivace-latency — Data Link



Run 10: Statistics of Vivace-latency

Start at: 2018-02-16 01:30:27

End at: 2018-02-16 01:30:57

Local clock offset: -1.744 ms

Remote clock offset: 4.263 ms

Below is generated by plot.py at 2018-02-16 05:41:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 32.88 Mbit/s

95th percentile per-packet one-way delay: 77.587 ms

Loss rate: 0.85%

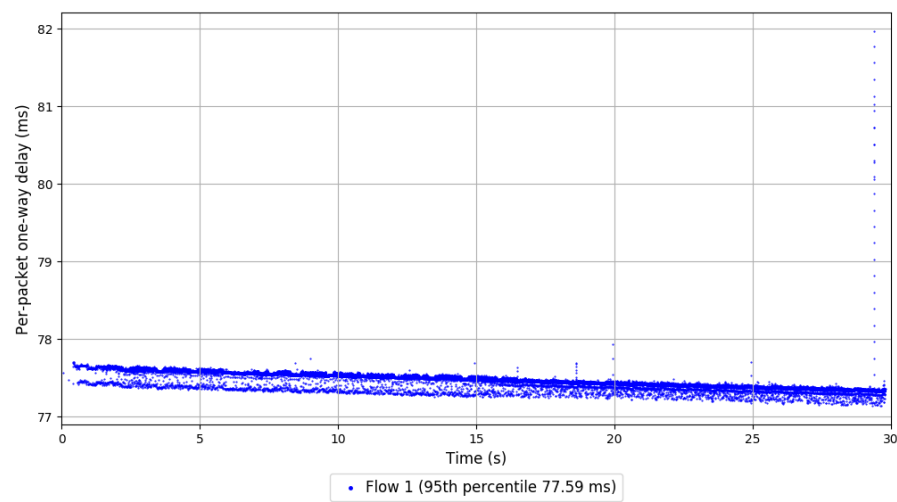
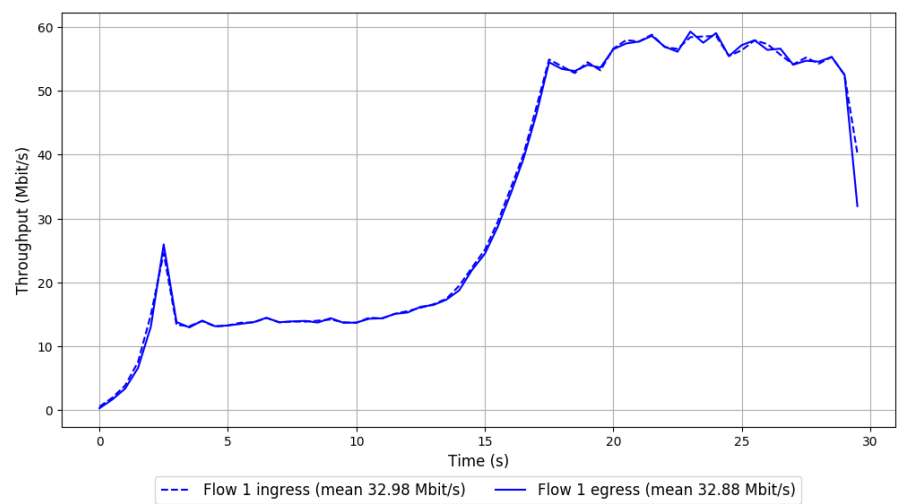
-- Flow 1:

Average throughput: 32.88 Mbit/s

95th percentile per-packet one-way delay: 77.587 ms

Loss rate: 0.85%

Run 10: Report of Vivace-latency — Data Link

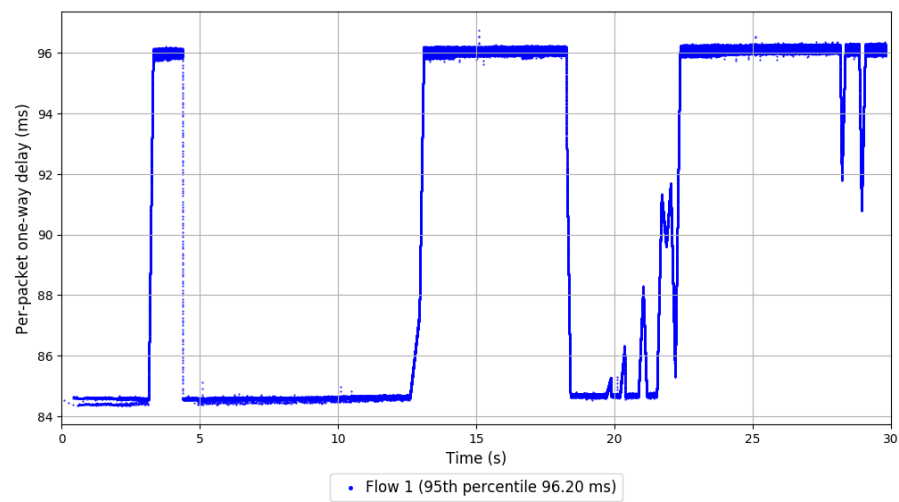
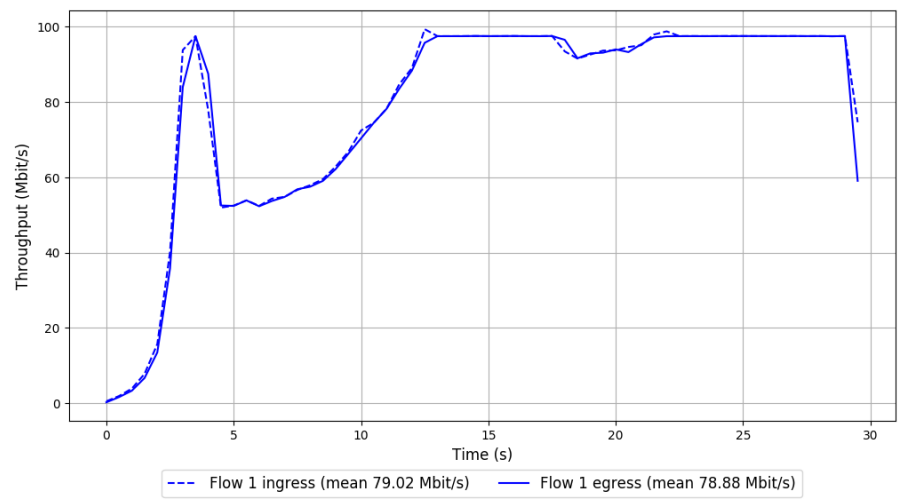


```
Run 1: Statistics of Vivace-loss

Start at: 2018-02-15 22:07:10
End at: 2018-02-15 22:07:40
Local clock offset: -16.949 ms
Remote clock offset: -3.322 ms

# Below is generated by plot.py at 2018-02-16 05:41:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.88 Mbit/s
95th percentile per-packet one-way delay: 96.196 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 78.88 Mbit/s
95th percentile per-packet one-way delay: 96.196 ms
Loss rate: 0.73%
```

Run 1: Report of Vivace-loss — Data Link

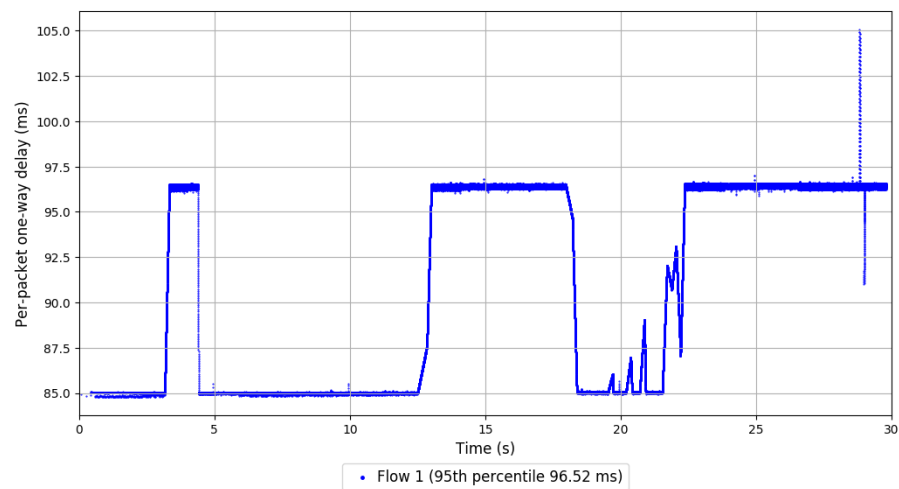
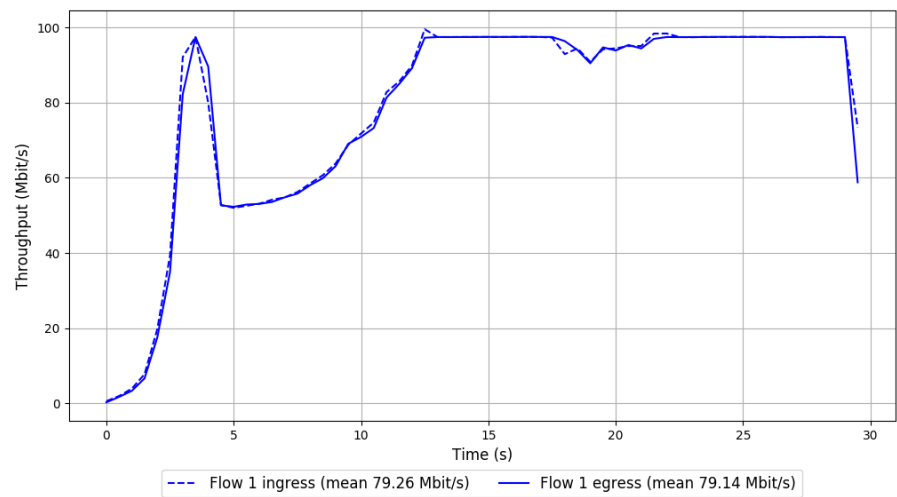


Run 2: Statistics of Vivace-loss

Start at: 2018-02-15 22:29:18
End at: 2018-02-15 22:29:49
Local clock offset: -21.664 ms
Remote clock offset: -1.62 ms

Below is generated by plot.py at 2018-02-16 05:41:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.14 Mbit/s
95th percentile per-packet one-way delay: 96.524 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 79.14 Mbit/s
95th percentile per-packet one-way delay: 96.524 ms
Loss rate: 0.70%

Run 2: Report of Vivace-loss — Data Link

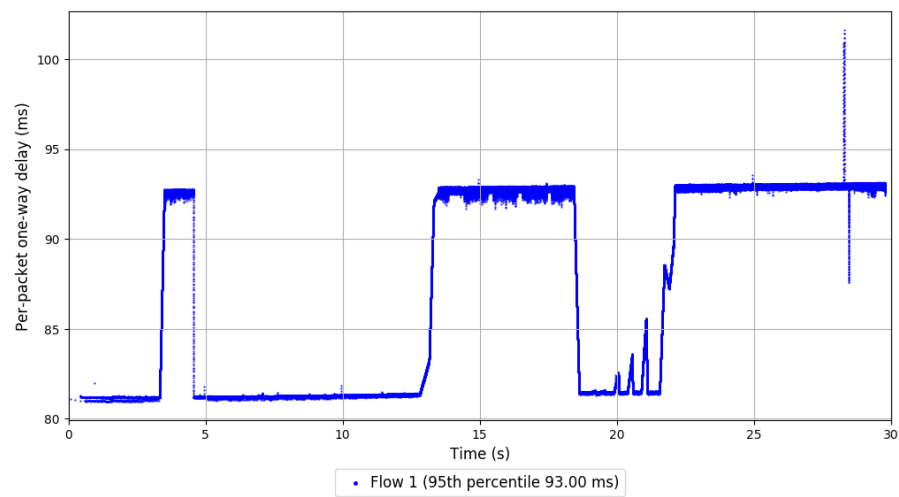
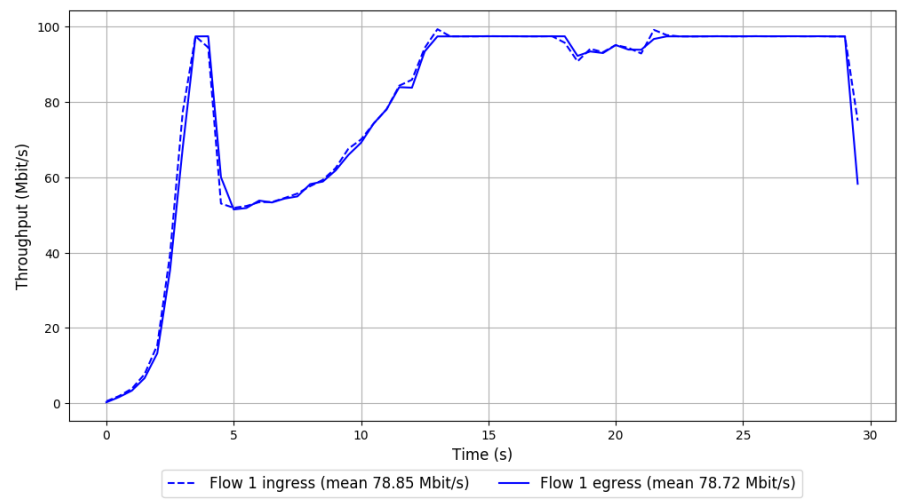


Run 3: Statistics of Vivace-loss

Start at: 2018-02-15 22:51:25
End at: 2018-02-15 22:51:55
Local clock offset: -35.338 ms
Remote clock offset: 3.017 ms

Below is generated by plot.py at 2018-02-16 05:41:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.72 Mbit/s
95th percentile per-packet one-way delay: 92.998 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 78.72 Mbit/s
95th percentile per-packet one-way delay: 92.998 ms
Loss rate: 0.74%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-02-15 23:13:26

End at: 2018-02-15 23:13:56

Local clock offset: 5.299 ms

Remote clock offset: 4.397 ms

Below is generated by plot.py at 2018-02-16 05:41:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.71 Mbit/s

95th percentile per-packet one-way delay: 103.669 ms

Loss rate: 0.72%

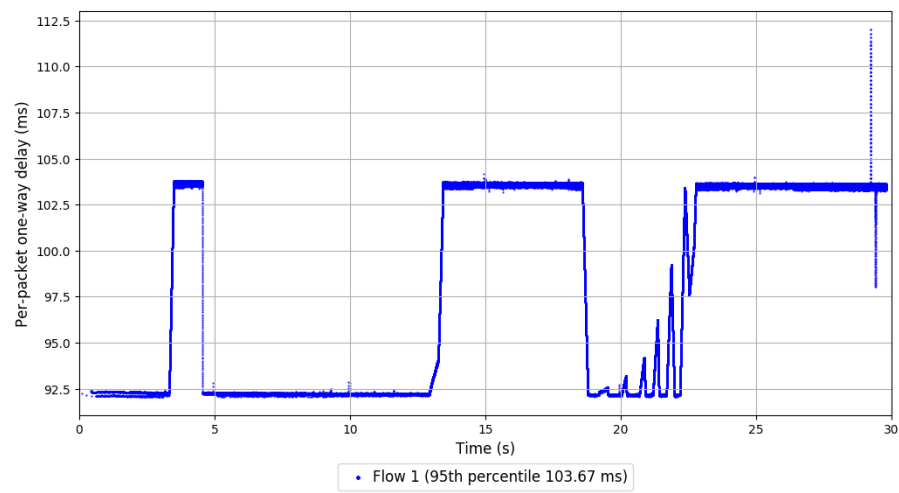
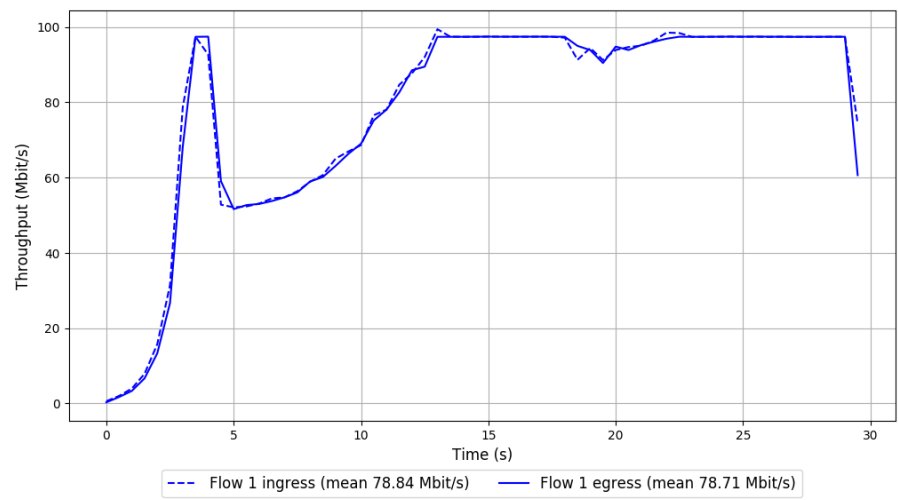
-- Flow 1:

Average throughput: 78.71 Mbit/s

95th percentile per-packet one-way delay: 103.669 ms

Loss rate: 0.72%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-02-15 23:35:26

End at: 2018-02-15 23:35:56

Local clock offset: 6.944 ms

Remote clock offset: 1.815 ms

Below is generated by plot.py at 2018-02-16 05:42:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.85 Mbit/s

95th percentile per-packet one-way delay: 105.961 ms

Loss rate: 0.72%

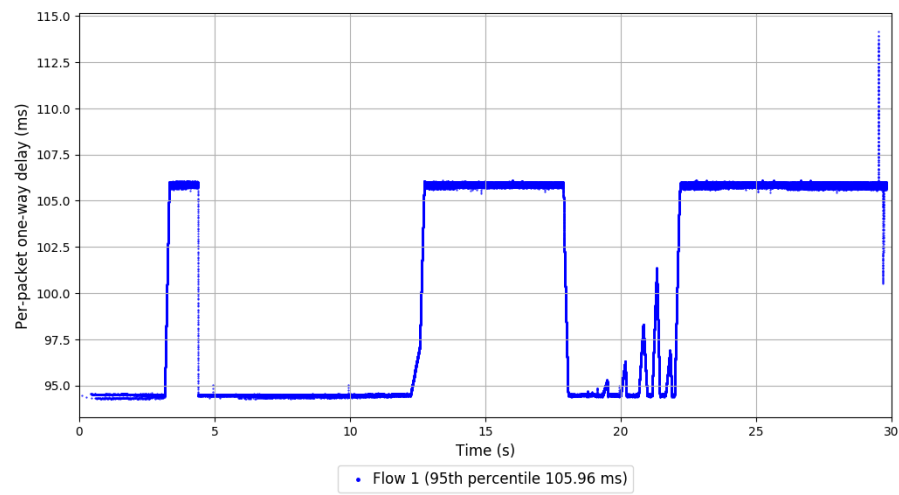
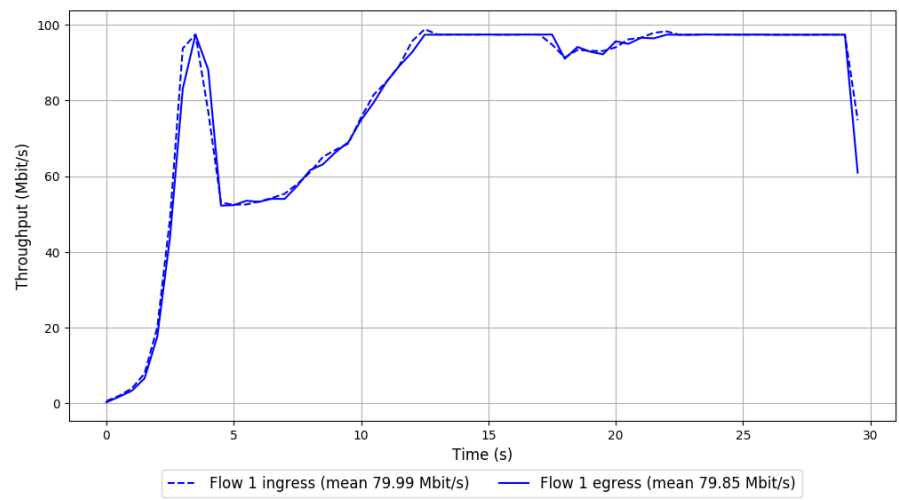
-- Flow 1:

Average throughput: 79.85 Mbit/s

95th percentile per-packet one-way delay: 105.961 ms

Loss rate: 0.72%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-02-15 23:57:26

End at: 2018-02-15 23:57:56

Local clock offset: 6.521 ms

Remote clock offset: 1.01 ms

Below is generated by plot.py at 2018-02-16 05:42:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.78 Mbit/s

95th percentile per-packet one-way delay: 111.079 ms

Loss rate: 0.73%

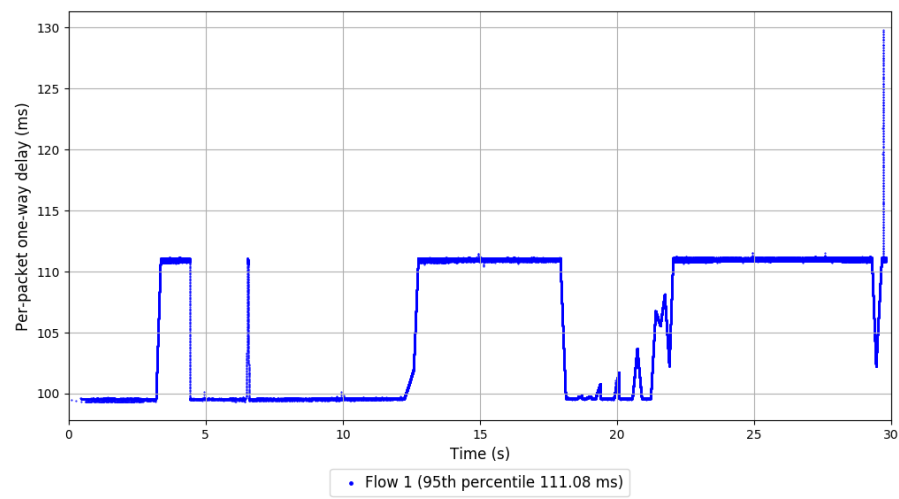
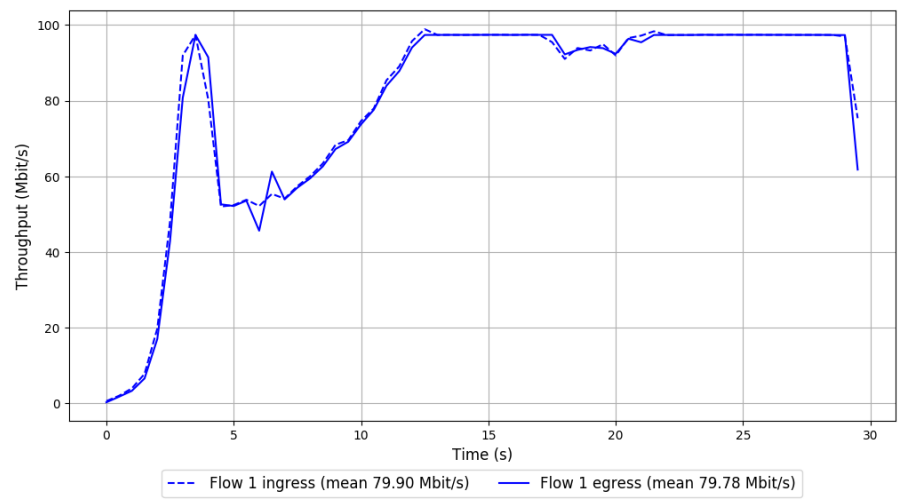
-- Flow 1:

Average throughput: 79.78 Mbit/s

95th percentile per-packet one-way delay: 111.079 ms

Loss rate: 0.73%

Run 6: Report of Vivace-loss — Data Link

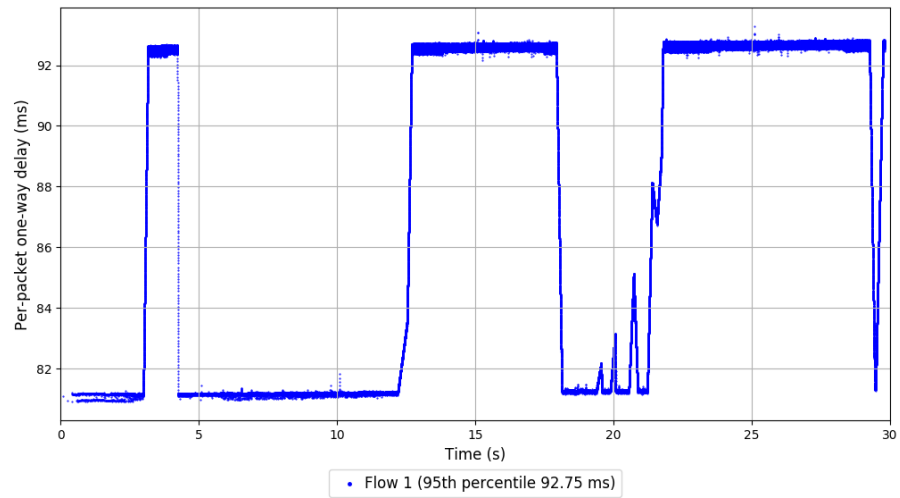
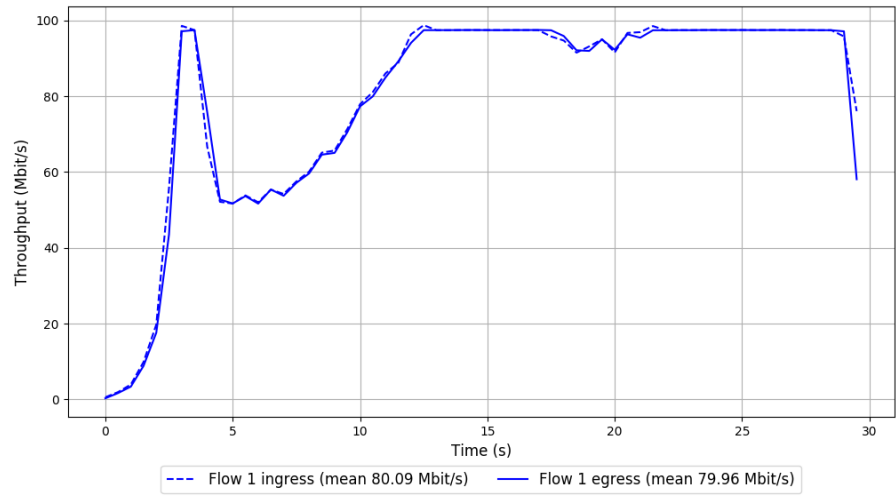


Run 7: Statistics of Vivace-loss

Start at: 2018-02-16 00:19:26
End at: 2018-02-16 00:19:56
Local clock offset: -30.968 ms
Remote clock offset: -0.101 ms

Below is generated by plot.py at 2018-02-16 05:42:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.96 Mbit/s
95th percentile per-packet one-way delay: 92.751 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 79.96 Mbit/s
95th percentile per-packet one-way delay: 92.751 ms
Loss rate: 0.72%

Run 7: Report of Vivace-loss — Data Link

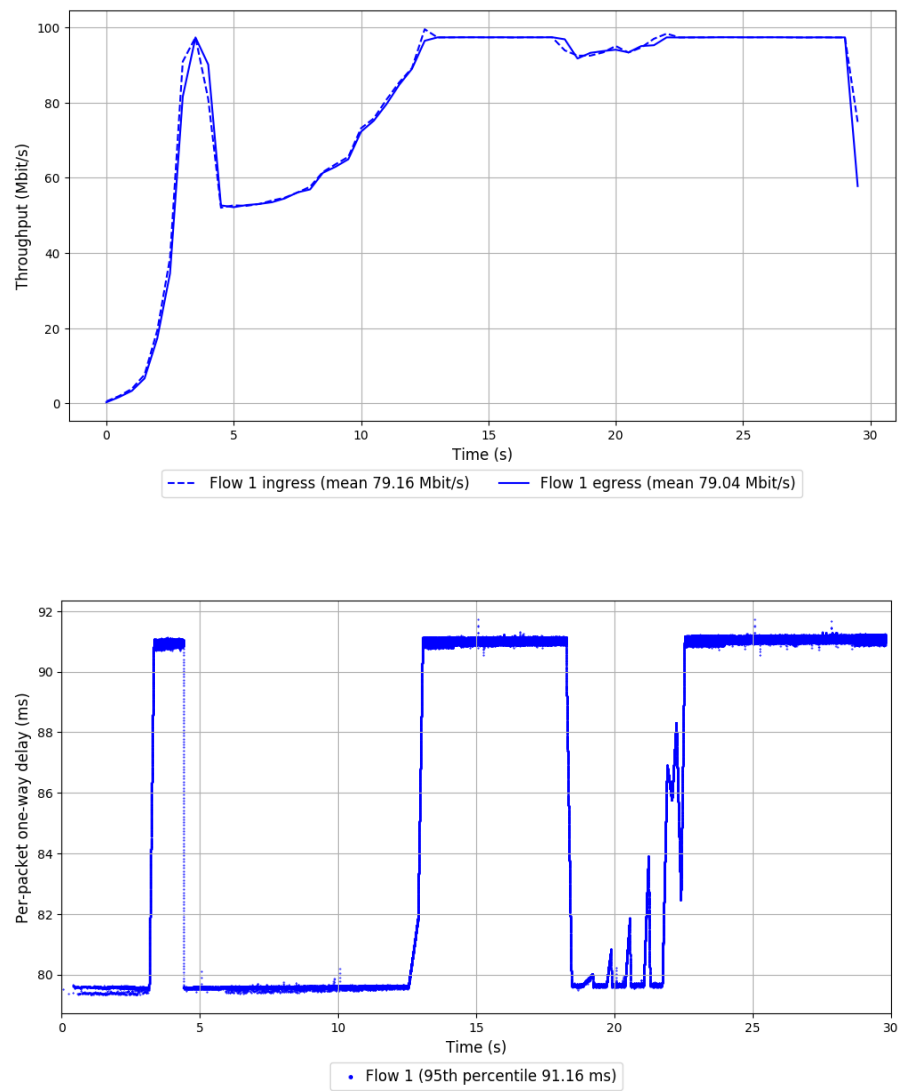


Run 8: Statistics of Vivace-loss

Start at: 2018-02-16 00:41:26
End at: 2018-02-16 00:41:56
Local clock offset: -41.286 ms
Remote clock offset: 0.184 ms

Below is generated by plot.py at 2018-02-16 05:42:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.04 Mbit/s
95th percentile per-packet one-way delay: 91.156 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 79.04 Mbit/s
95th percentile per-packet one-way delay: 91.156 ms
Loss rate: 0.73%

Run 8: Report of Vivace-loss — Data Link

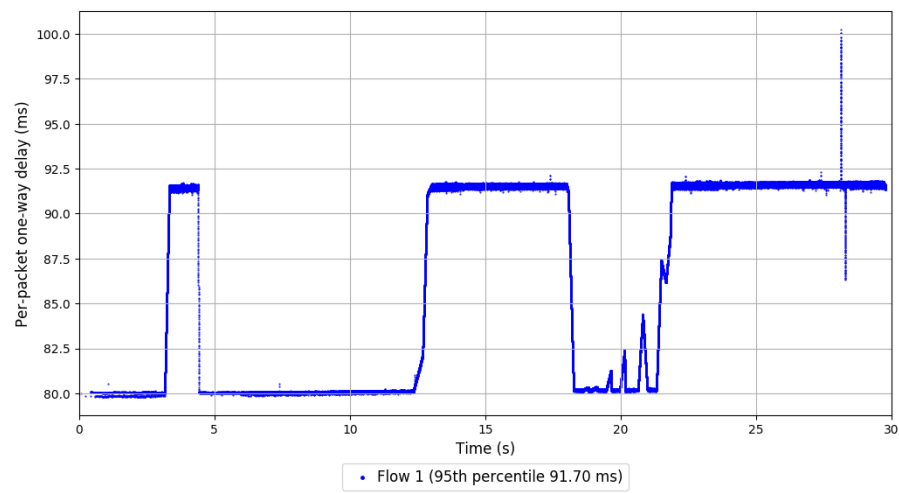
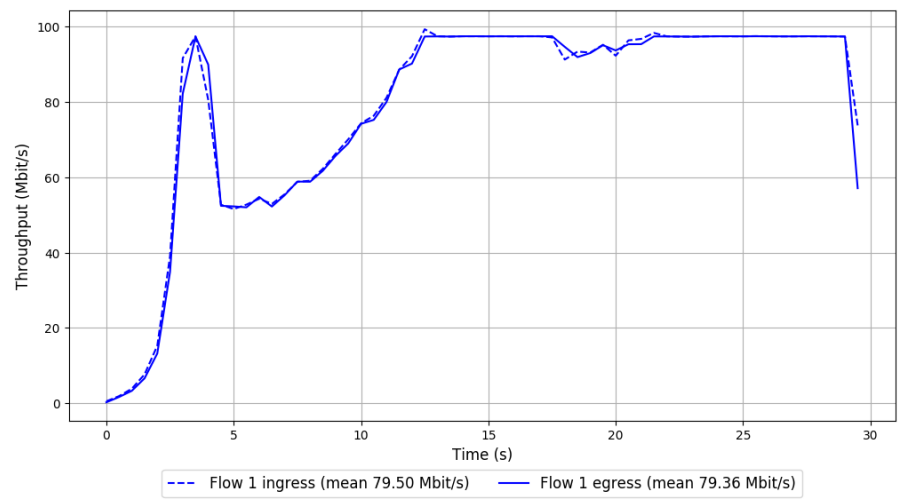


Run 9: Statistics of Vivace-loss

Start at: 2018-02-16 01:03:30
End at: 2018-02-16 01:04:00
Local clock offset: -50.287 ms
Remote clock offset: 0.856 ms

Below is generated by plot.py at 2018-02-16 05:42:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.36 Mbit/s
95th percentile per-packet one-way delay: 91.696 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 79.36 Mbit/s
95th percentile per-packet one-way delay: 91.696 ms
Loss rate: 0.73%

Run 9: Report of Vivace-loss — Data Link

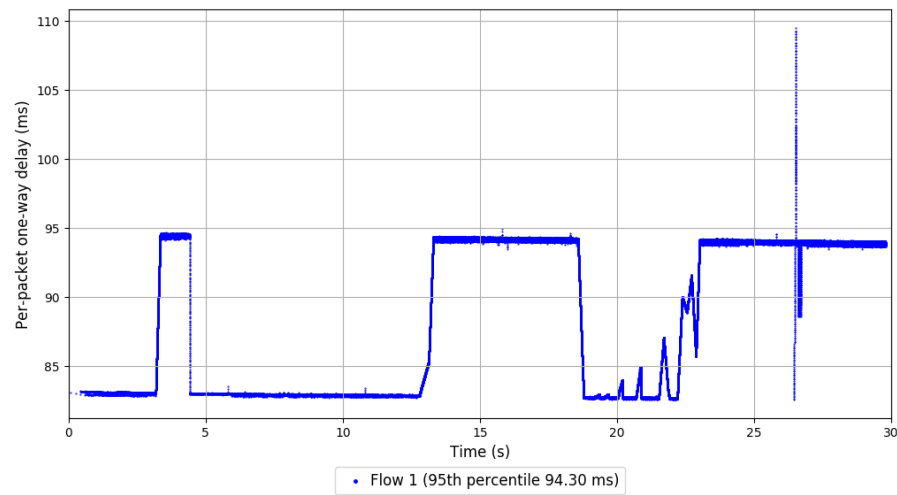
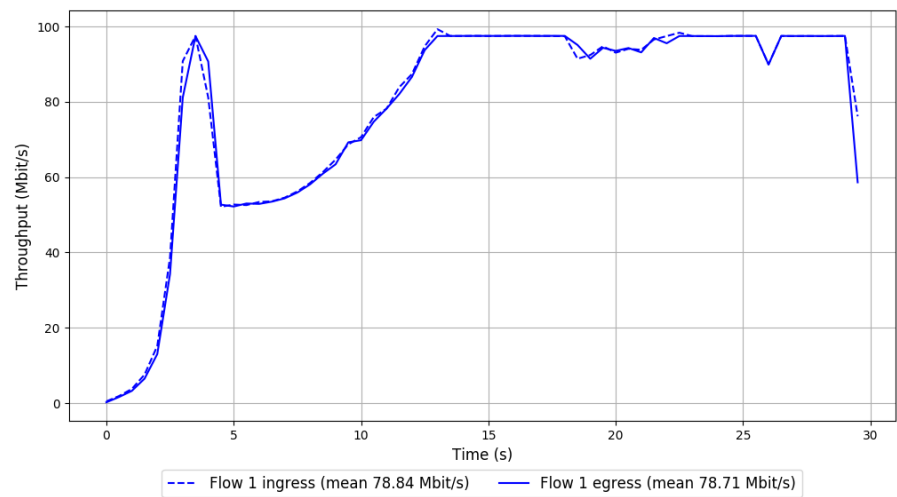


Run 10: Statistics of Vivace-loss

Start at: 2018-02-16 01:25:33
End at: 2018-02-16 01:26:03
Local clock offset: -7.219 ms
Remote clock offset: -2.779 ms

Below is generated by plot.py at 2018-02-16 05:42:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.71 Mbit/s
95th percentile per-packet one-way delay: 94.303 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 78.71 Mbit/s
95th percentile per-packet one-way delay: 94.303 ms
Loss rate: 0.76%

Run 10: Report of Vivace-loss — Data Link

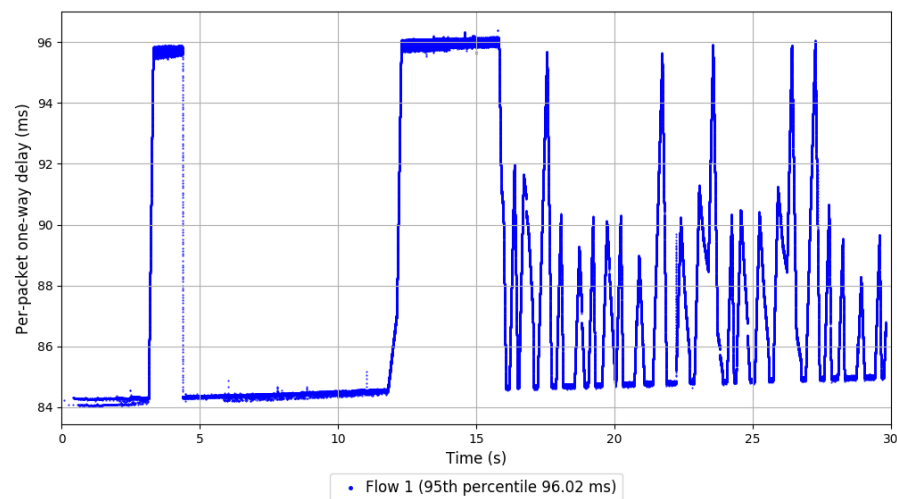
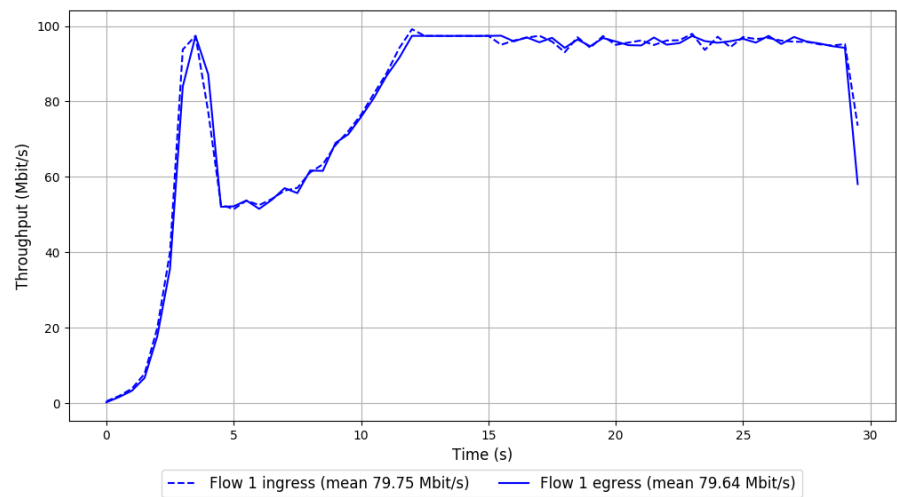


Run 1: Statistics of Vivace-LTE

Start at: 2018-02-15 22:01:04
End at: 2018-02-15 22:01:34
Local clock offset: -17.848 ms
Remote clock offset: -2.642 ms

Below is generated by plot.py at 2018-02-16 05:43:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.64 Mbit/s
95th percentile per-packet one-way delay: 96.015 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 79.64 Mbit/s
95th percentile per-packet one-way delay: 96.015 ms
Loss rate: 0.69%

Run 1: Report of Vivace-LTE — Data Link

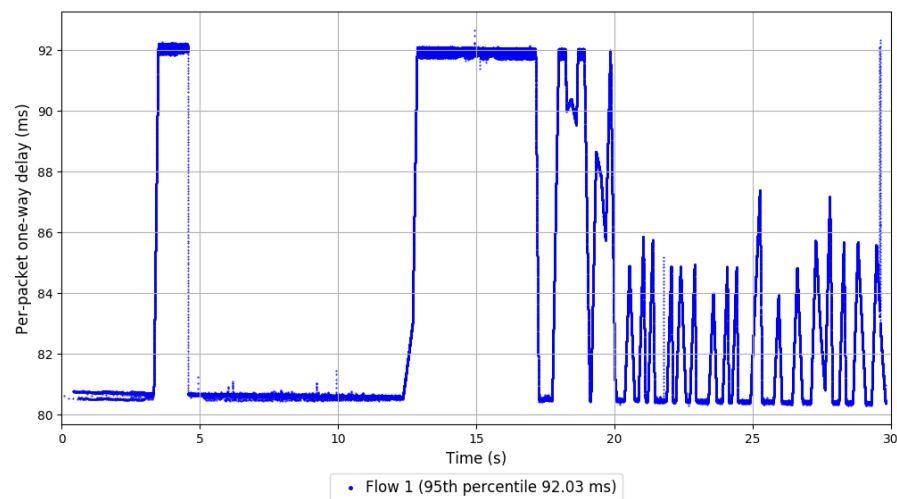
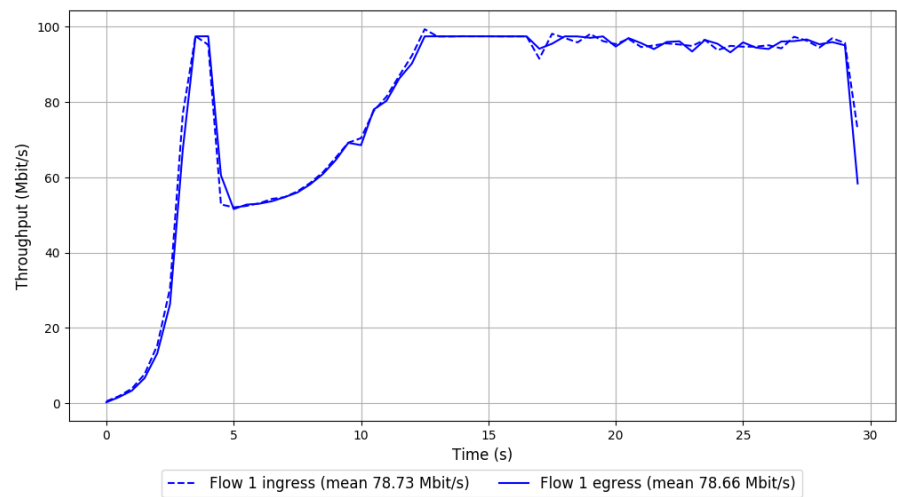


Run 2: Statistics of Vivace-LTE

Start at: 2018-02-15 22:23:09
End at: 2018-02-15 22:23:39
Local clock offset: -23.622 ms
Remote clock offset: 2.143 ms

Below is generated by plot.py at 2018-02-16 05:43:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.66 Mbit/s
95th percentile per-packet one-way delay: 92.032 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 78.66 Mbit/s
95th percentile per-packet one-way delay: 92.032 ms
Loss rate: 0.65%

Run 2: Report of Vivace-LTE — Data Link

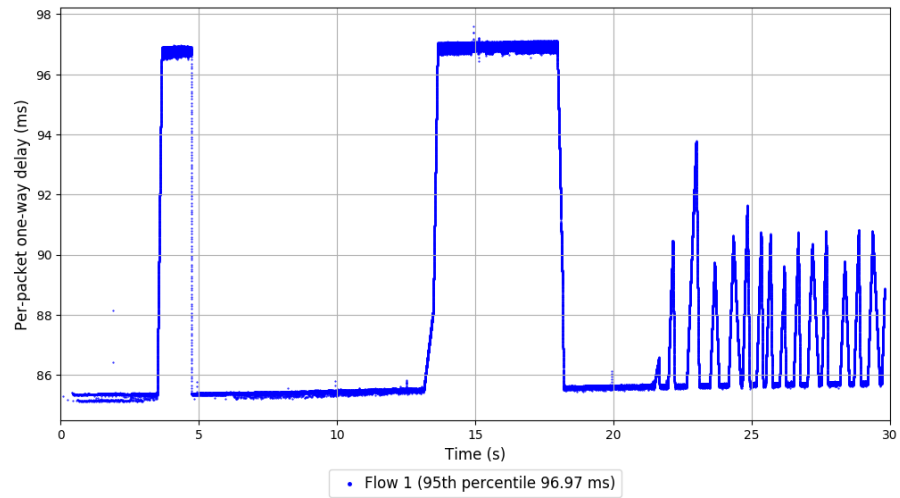
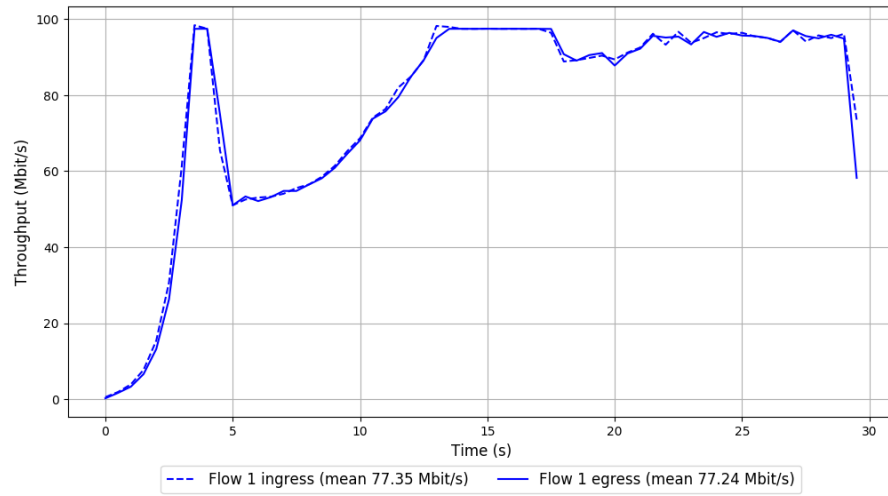


Run 3: Statistics of Vivace-LTE

Start at: 2018-02-15 22:45:20
End at: 2018-02-15 22:45:50
Local clock offset: -30.43 ms
Remote clock offset: -1.153 ms

Below is generated by plot.py at 2018-02-16 05:43:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.24 Mbit/s
95th percentile per-packet one-way delay: 96.974 ms
Loss rate: 0.70%
-- Flow 1:
Average throughput: 77.24 Mbit/s
95th percentile per-packet one-way delay: 96.974 ms
Loss rate: 0.70%

Run 3: Report of Vivace-LTE — Data Link

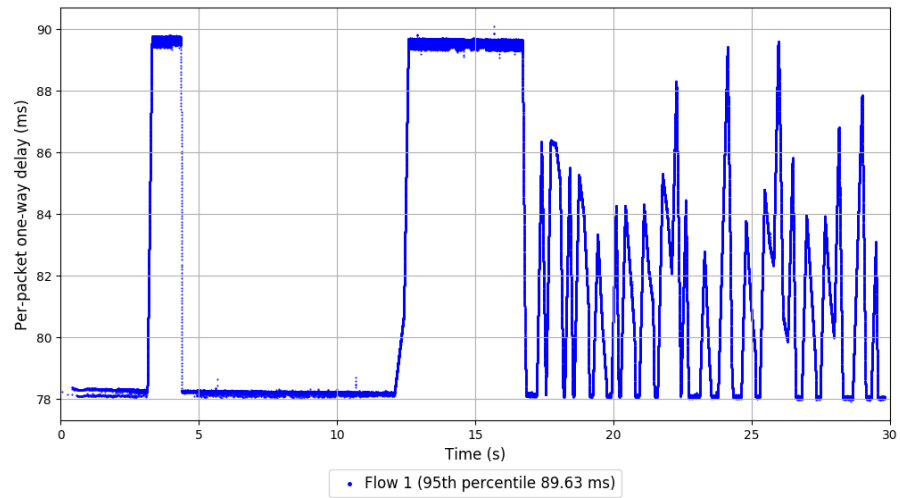
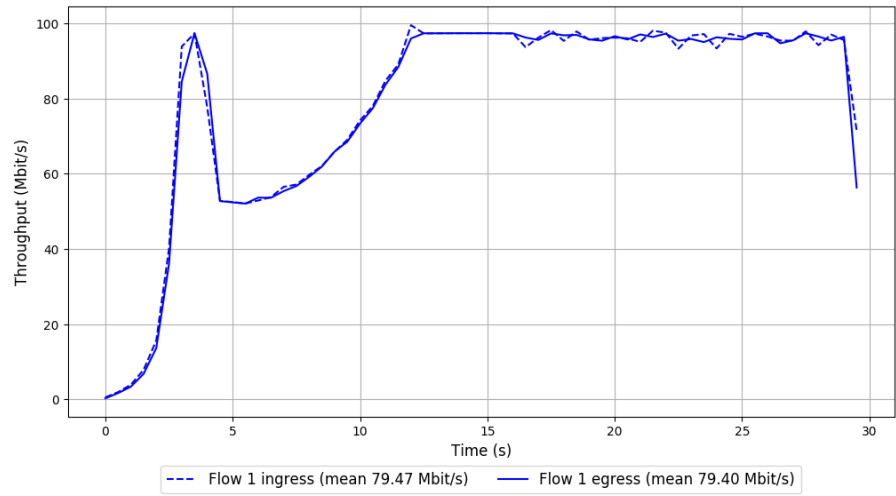


Run 4: Statistics of Vivace-LTE

Start at: 2018-02-15 23:07:20
End at: 2018-02-15 23:07:50
Local clock offset: -11.245 ms
Remote clock offset: 4.191 ms

Below is generated by plot.py at 2018-02-16 05:43:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.40 Mbit/s
95th percentile per-packet one-way delay: 89.633 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 79.40 Mbit/s
95th percentile per-packet one-way delay: 89.633 ms
Loss rate: 0.63%

Run 4: Report of Vivace-LTE — Data Link



Run 5: Statistics of Vivace-LTE

Start at: 2018-02-15 23:29:21

End at: 2018-02-15 23:29:51

Local clock offset: 9.098 ms

Remote clock offset: 2.183 ms

Below is generated by plot.py at 2018-02-16 05:43:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.66 Mbit/s

95th percentile per-packet one-way delay: 111.647 ms

Loss rate: 0.74%

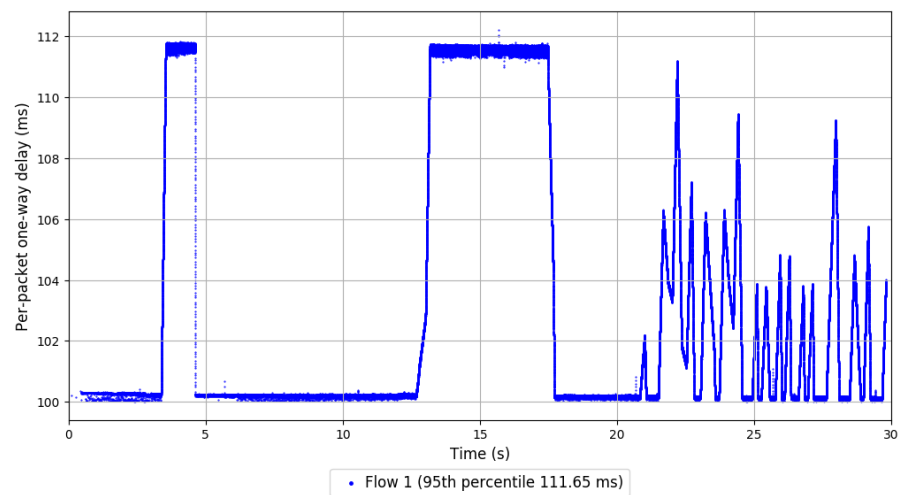
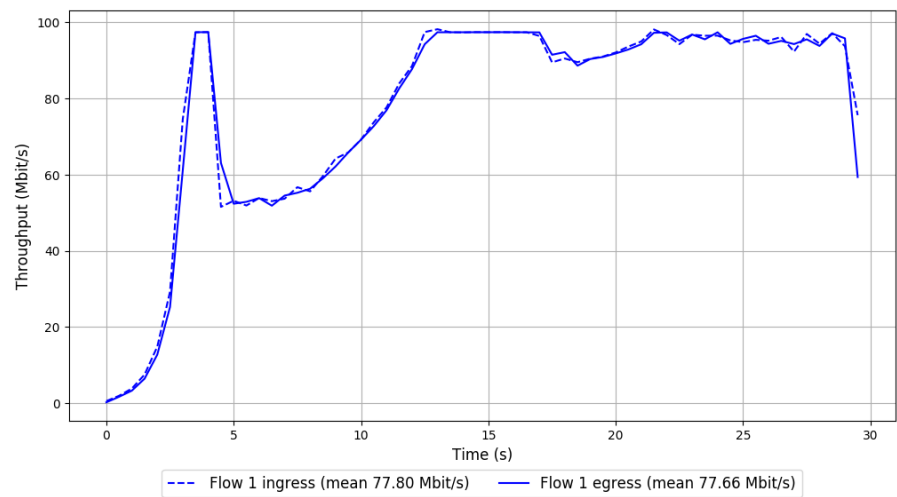
-- Flow 1:

Average throughput: 77.66 Mbit/s

95th percentile per-packet one-way delay: 111.647 ms

Loss rate: 0.74%

Run 5: Report of Vivace-LTE — Data Link

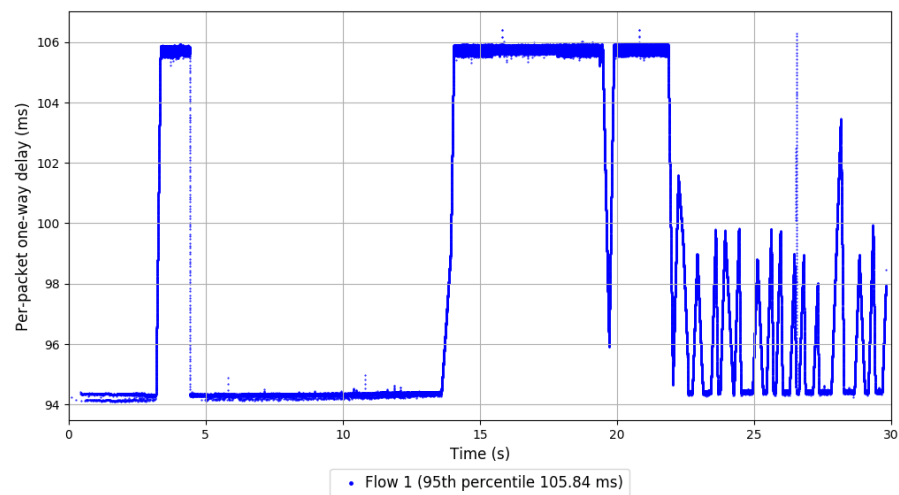
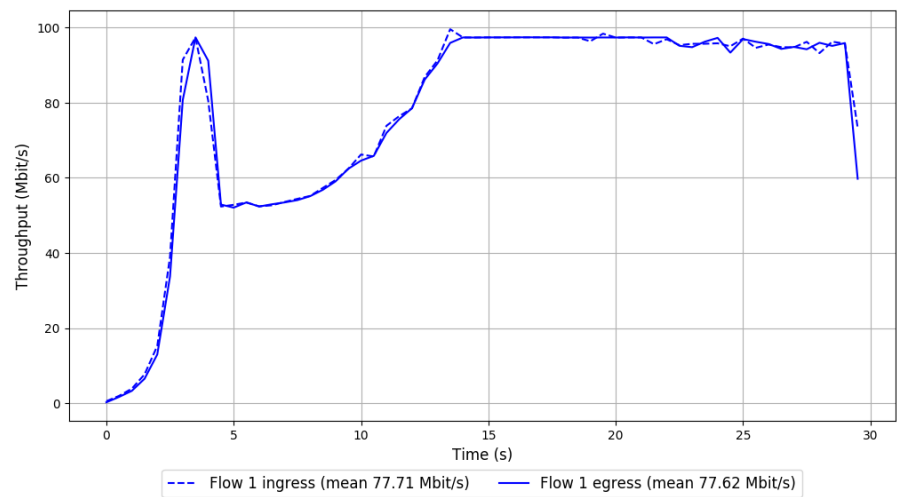


Run 6: Statistics of Vivace-LTE

Start at: 2018-02-15 23:51:21
End at: 2018-02-15 23:51:51
Local clock offset: 0.533 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2018-02-16 05:43:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.62 Mbit/s
95th percentile per-packet one-way delay: 105.843 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 77.62 Mbit/s
95th percentile per-packet one-way delay: 105.843 ms
Loss rate: 0.68%

Run 6: Report of Vivace-LTE — Data Link

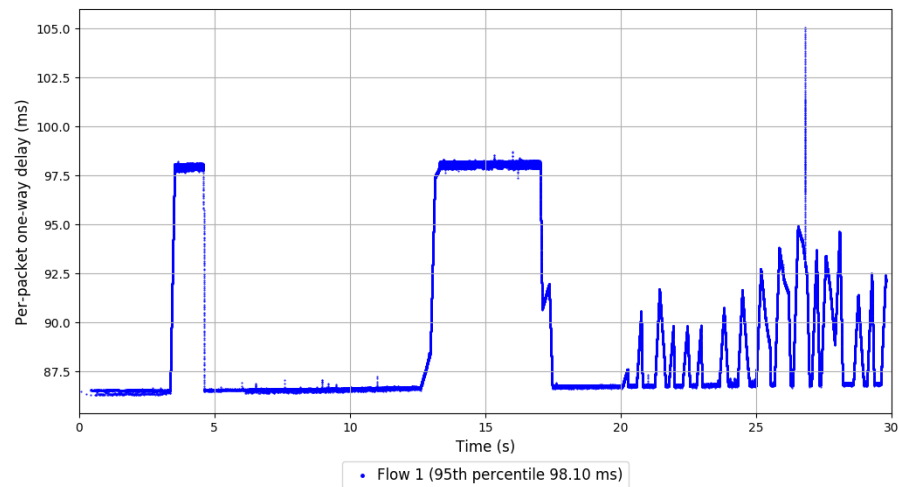
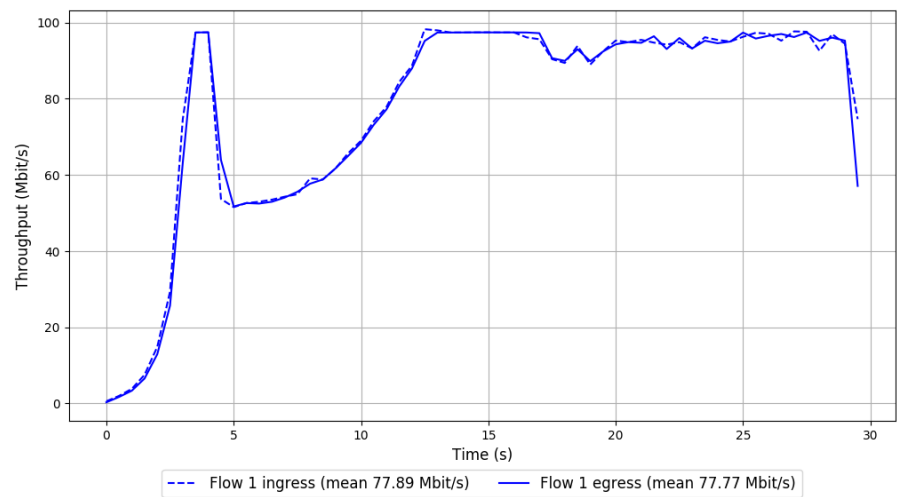


Run 7: Statistics of Vivace-LTE

Start at: 2018-02-16 00:13:21
End at: 2018-02-16 00:13:51
Local clock offset: -27.069 ms
Remote clock offset: -3.987 ms

Below is generated by plot.py at 2018-02-16 05:43:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.77 Mbit/s
95th percentile per-packet one-way delay: 98.098 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 77.77 Mbit/s
95th percentile per-packet one-way delay: 98.098 ms
Loss rate: 0.72%

Run 7: Report of Vivace-LTE — Data Link

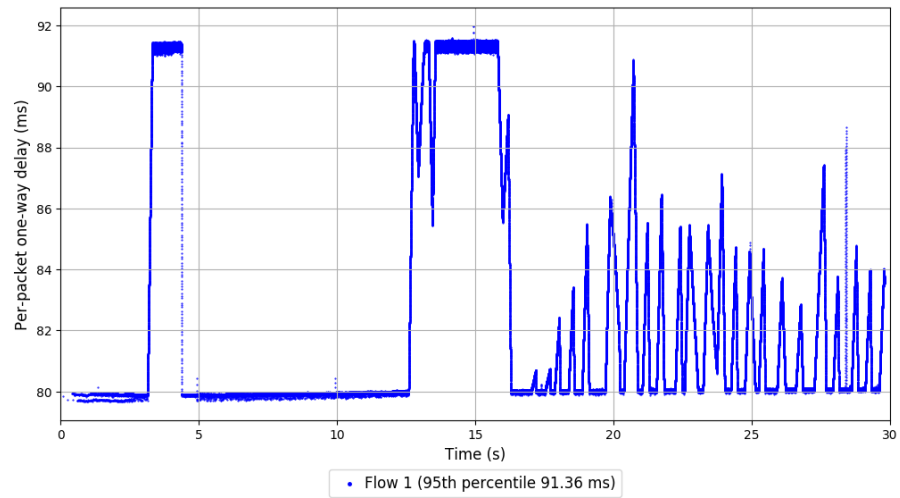
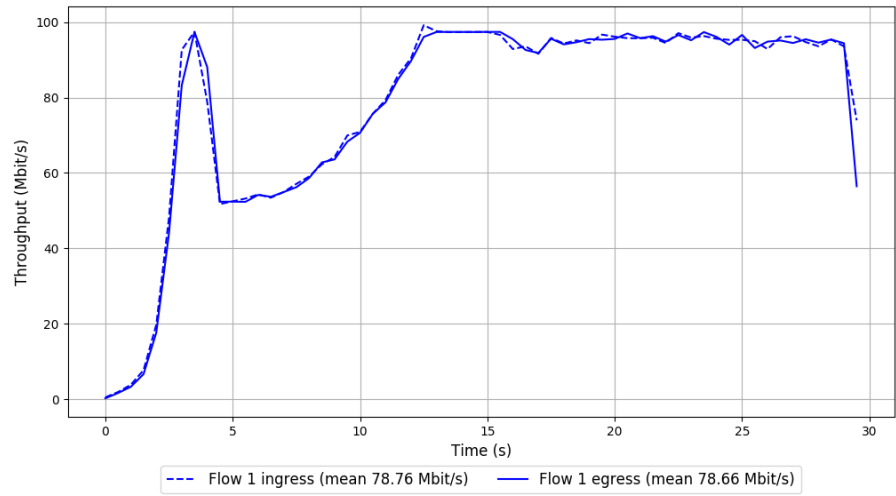


Run 8: Statistics of Vivace-LTE

Start at: 2018-02-16 00:35:20
End at: 2018-02-16 00:35:50
Local clock offset: -38.728 ms
Remote clock offset: -1.367 ms

Below is generated by plot.py at 2018-02-16 05:43:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.66 Mbit/s
95th percentile per-packet one-way delay: 91.363 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 78.66 Mbit/s
95th percentile per-packet one-way delay: 91.363 ms
Loss rate: 0.68%

Run 8: Report of Vivace-LTE — Data Link

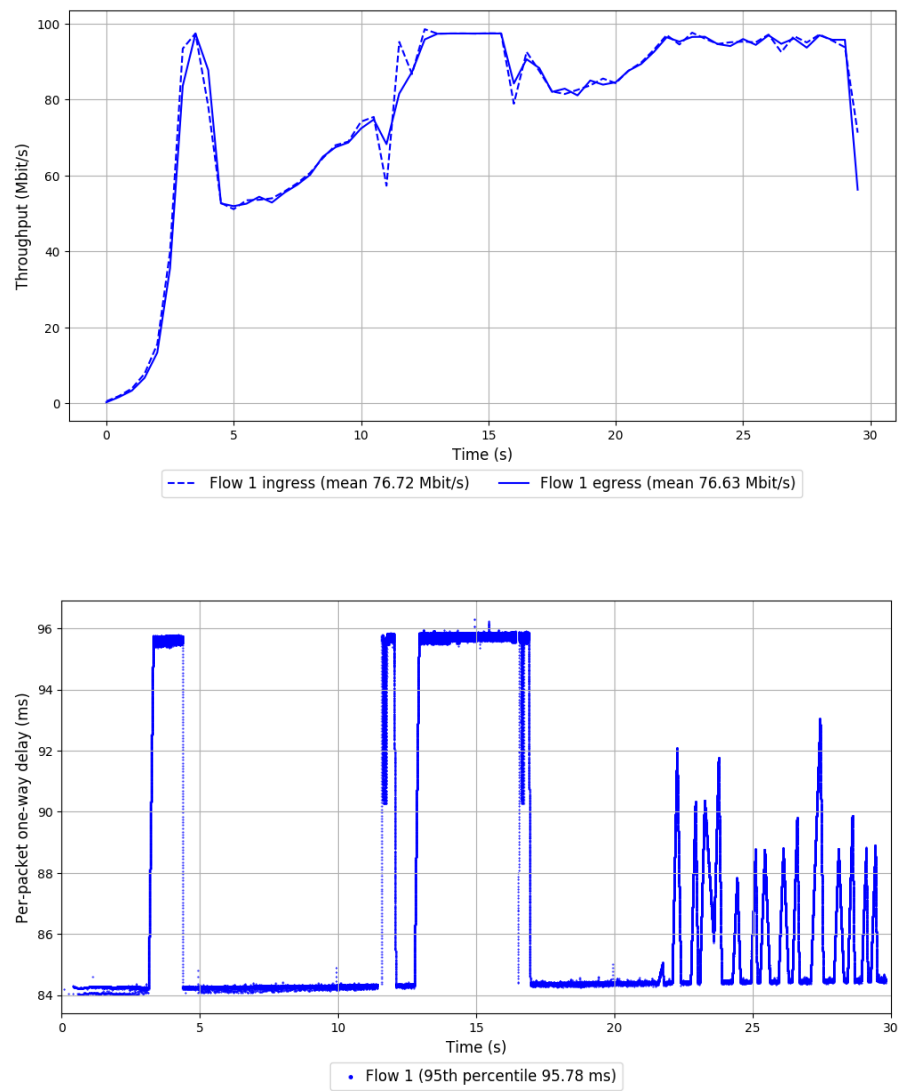


Run 9: Statistics of Vivace-LTE

Start at: 2018-02-16 00:57:24
End at: 2018-02-16 00:57:54
Local clock offset: -47.85 ms
Remote clock offset: -5.655 ms

Below is generated by plot.py at 2018-02-16 05:43:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.63 Mbit/s
95th percentile per-packet one-way delay: 95.778 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 76.63 Mbit/s
95th percentile per-packet one-way delay: 95.778 ms
Loss rate: 0.66%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-16 01:19:21
End at: 2018-02-16 01:19:51
Local clock offset: -18.393 ms
Remote clock offset: 0.973 ms

Below is generated by plot.py at 2018-02-16 05:43:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 79.31 Mbit/s
95th percentile per-packet one-way delay: 89.558 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 79.31 Mbit/s
95th percentile per-packet one-way delay: 89.558 ms
Loss rate: 0.69%

Run 10: Report of Vivace-LTE — Data Link

