

Pantheon Report

Generated at 2018-02-13 05:41:23 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 1 flow.

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

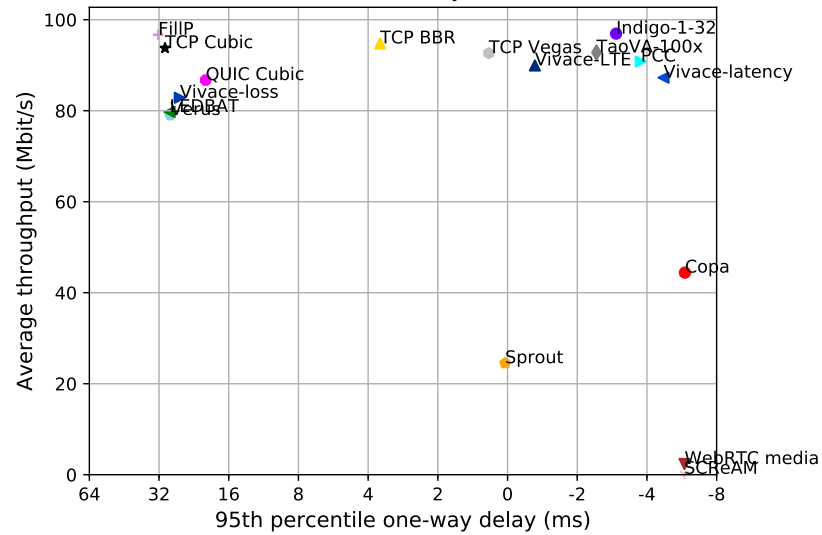
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

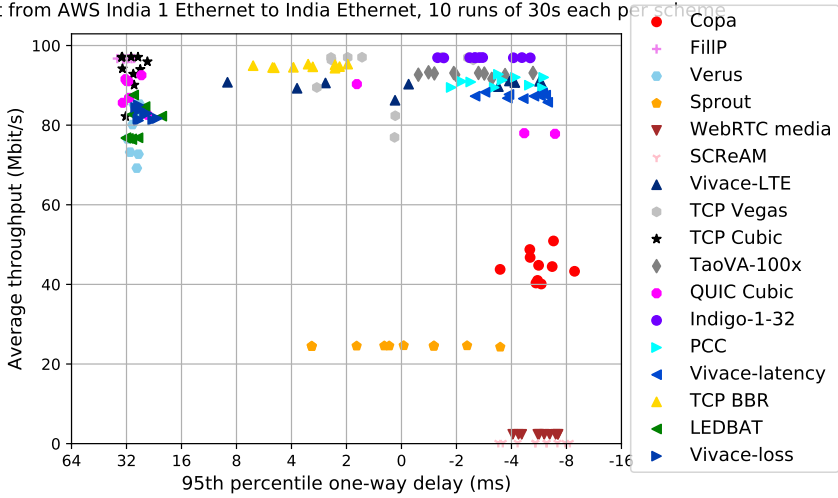
Git summary:

```
branch: master @ 2efdad57c2c56a9458b0d01ff33345e11732665
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webRTC @ a488197ddd041ace68a42849b2540ad834825f42
```

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



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



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	94.79	3.55	0.25
TCP Cubic	10	93.76	30.16	0.33
LEDBAT	10	79.72	28.82	0.07
PCC	10	90.81	-3.76	0.29
QUIC Cubic	10	86.74	20.13	0.24
SCReAM	10	0.21	-5.79	0.00
WebRTC media	10	2.34	-5.81	0.00
Sprout	10	24.51	0.07	0.00
TaoVA-100x	10	92.81	-2.42	0.02
TCP Vegas	10	92.66	0.54	0.08
Verus	10	79.07	28.61	17.84
Copa	10	44.42	-5.84	0.00
FillP	10	96.70	32.25	22.02
Indigo-1-32	10	96.94	-2.94	0.02
Vivace-latency	10	87.26	-4.72	0.01
Vivace-loss	10	82.85	26.03	8.96
Vivace-LTE	10	89.95	-0.78	0.34

Run 1: Statistics of TCP BBR

Start at: 2018-02-13 01:17:21

End at: 2018-02-13 01:17:51

Local clock offset: 3.905 ms

Remote clock offset: -18.041 ms

Below is generated by plot.py at 2018-02-13 05:16:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.33 Mbit/s

95th percentile per-packet one-way delay: 1.956 ms

Loss rate: 0.19%

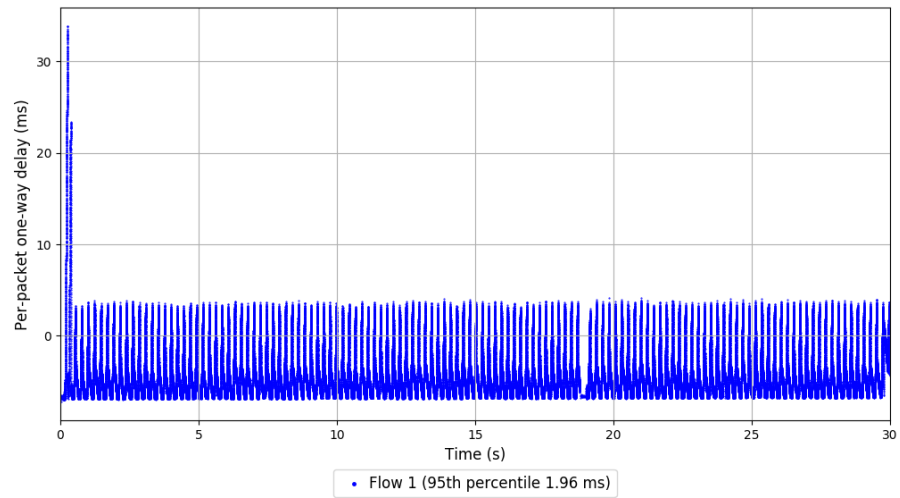
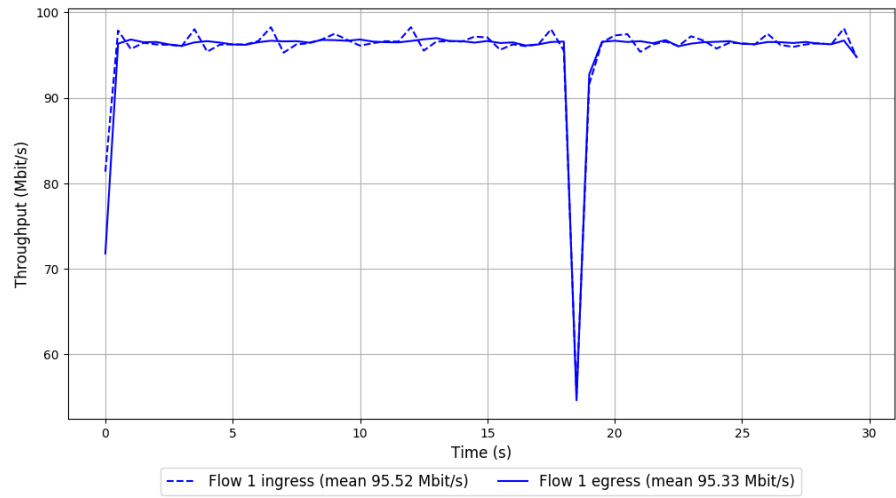
-- Flow 1:

Average throughput: 95.33 Mbit/s

95th percentile per-packet one-way delay: 1.956 ms

Loss rate: 0.19%

Run 1: Report of TCP BBR — Data Link

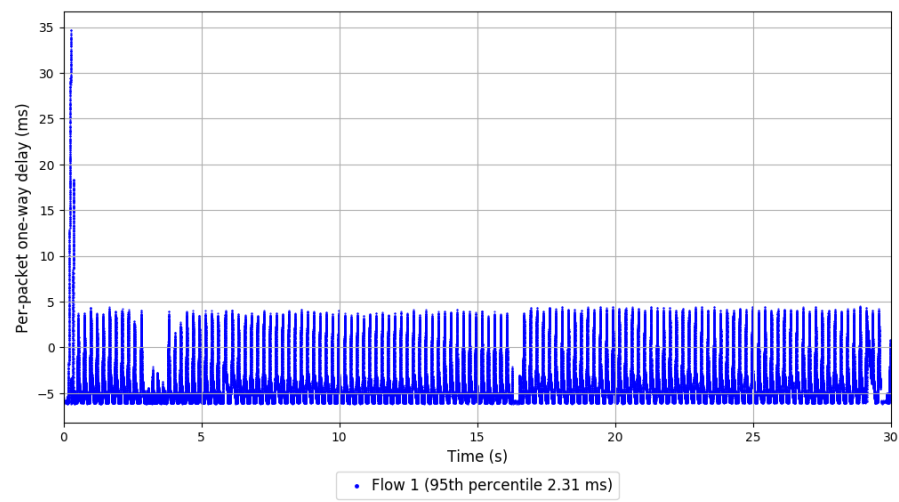
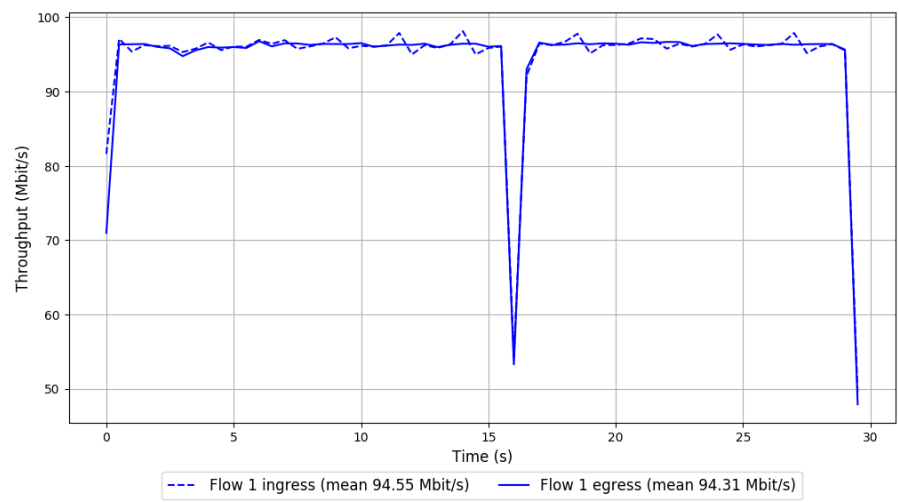


Run 2: Statistics of TCP BBR

Start at: 2018-02-13 01:38:21
End at: 2018-02-13 01:38:51
Local clock offset: 3.701 ms
Remote clock offset: -20.004 ms

Below is generated by plot.py at 2018-02-13 05:16:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.31 Mbit/s
95th percentile per-packet one-way delay: 2.312 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 94.31 Mbit/s
95th percentile per-packet one-way delay: 2.312 ms
Loss rate: 0.23%

Run 2: Report of TCP BBR — Data Link

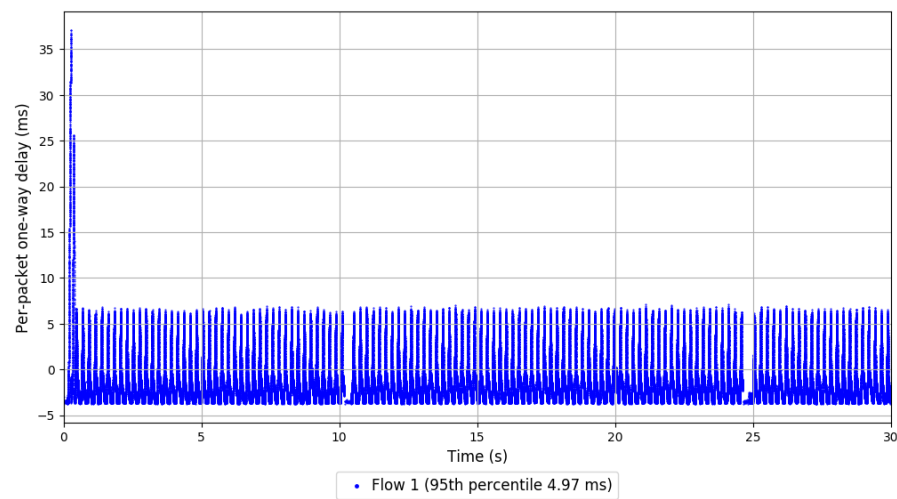
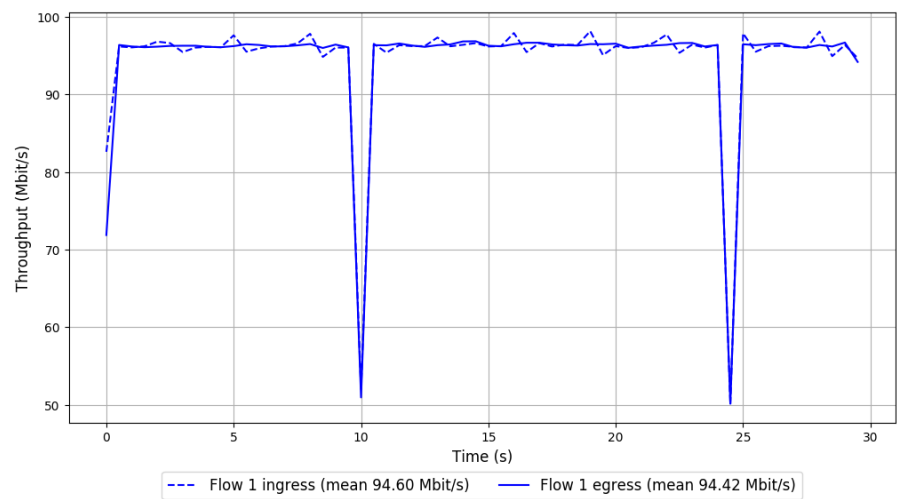


Run 3: Statistics of TCP BBR

Start at: 2018-02-13 01:59:23
End at: 2018-02-13 01:59:53
Local clock offset: 2.08 ms
Remote clock offset: -18.311 ms

Below is generated by plot.py at 2018-02-13 05:16:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.42 Mbit/s
95th percentile per-packet one-way delay: 4.971 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 94.42 Mbit/s
95th percentile per-packet one-way delay: 4.971 ms
Loss rate: 0.20%

Run 3: Report of TCP BBR — Data Link

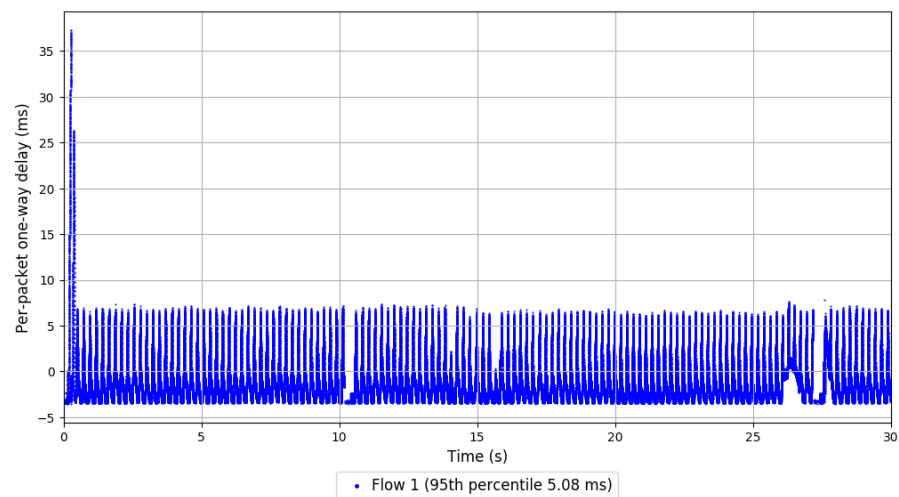
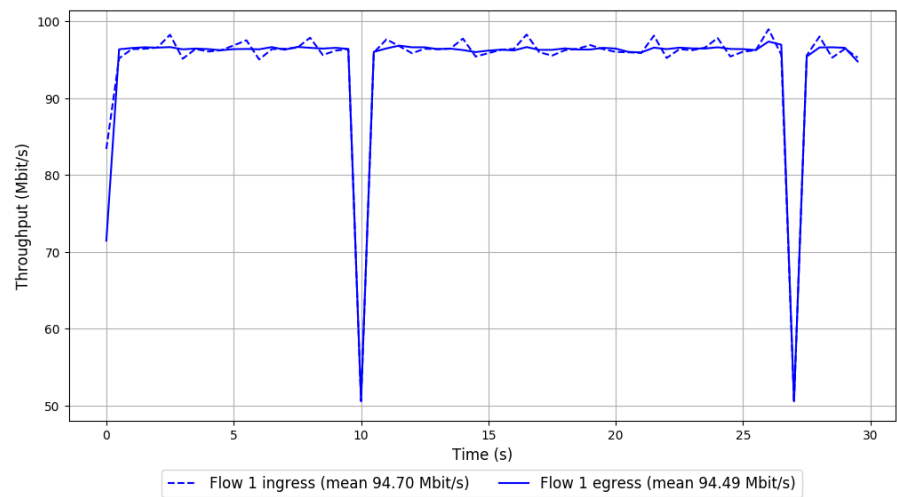


Run 4: Statistics of TCP BBR

Start at: 2018-02-13 02:20:26
End at: 2018-02-13 02:20:56
Local clock offset: 2.046 ms
Remote clock offset: -18.127 ms

Below is generated by plot.py at 2018-02-13 05:16:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.49 Mbit/s
95th percentile per-packet one-way delay: 5.076 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 94.49 Mbit/s
95th percentile per-packet one-way delay: 5.076 ms
Loss rate: 0.22%

Run 4: Report of TCP BBR — Data Link

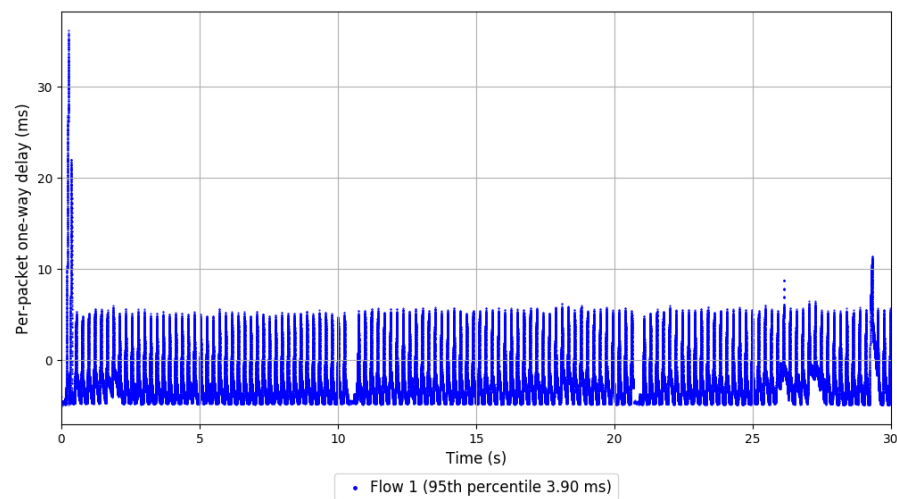
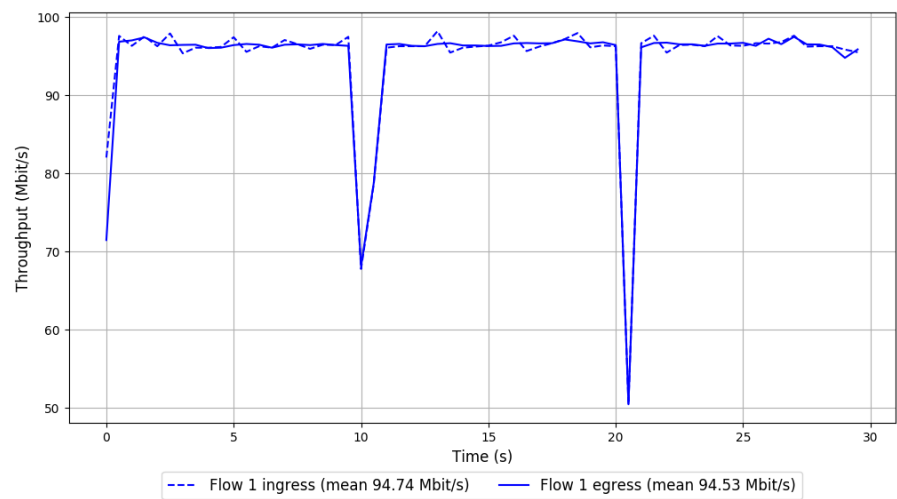


Run 5: Statistics of TCP BBR

Start at: 2018-02-13 02:41:35
End at: 2018-02-13 02:42:05
Local clock offset: 2.411 ms
Remote clock offset: -13.125 ms

Below is generated by plot.py at 2018-02-13 05:16:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.53 Mbit/s
95th percentile per-packet one-way delay: 3.905 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 94.53 Mbit/s
95th percentile per-packet one-way delay: 3.905 ms
Loss rate: 0.20%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-02-13 03:02:36

End at: 2018-02-13 03:03:06

Local clock offset: 1.741 ms

Remote clock offset: -11.37 ms

Below is generated by plot.py at 2018-02-13 05:16:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.18 Mbit/s

95th percentile per-packet one-way delay: 2.310 ms

Loss rate: 0.20%

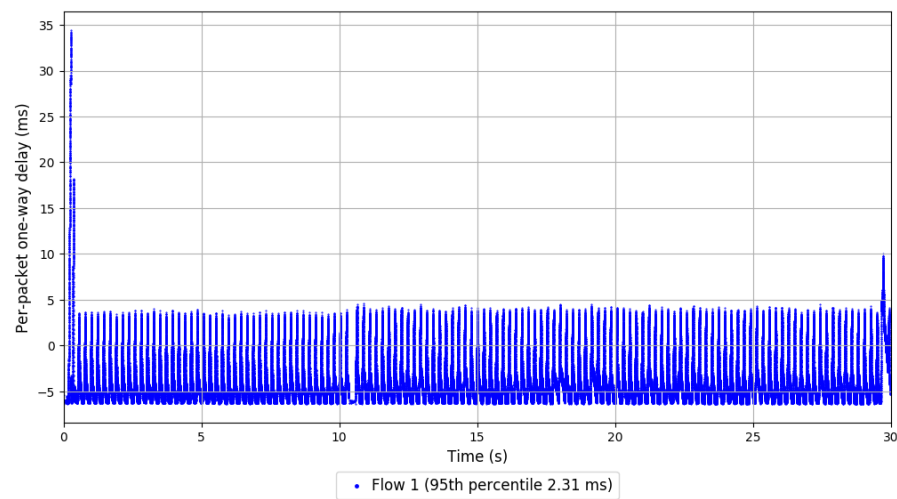
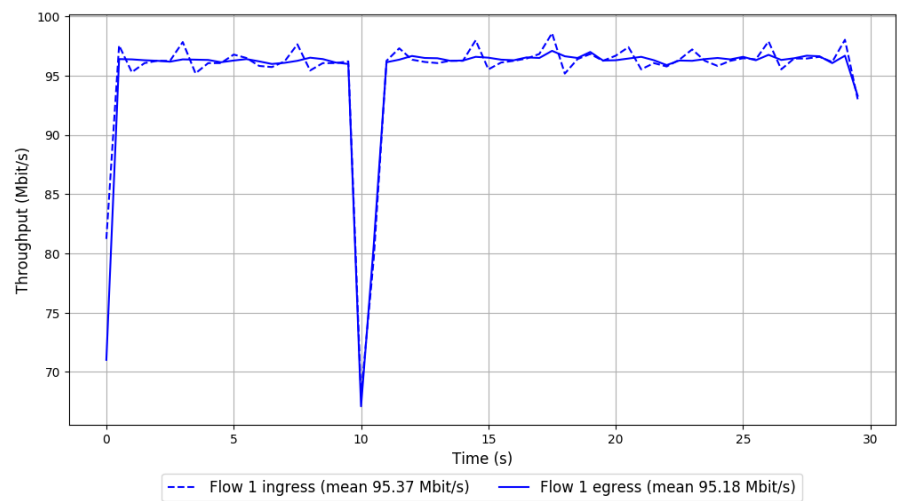
-- Flow 1:

Average throughput: 95.18 Mbit/s

95th percentile per-packet one-way delay: 2.310 ms

Loss rate: 0.20%

Run 6: Report of TCP BBR — Data Link

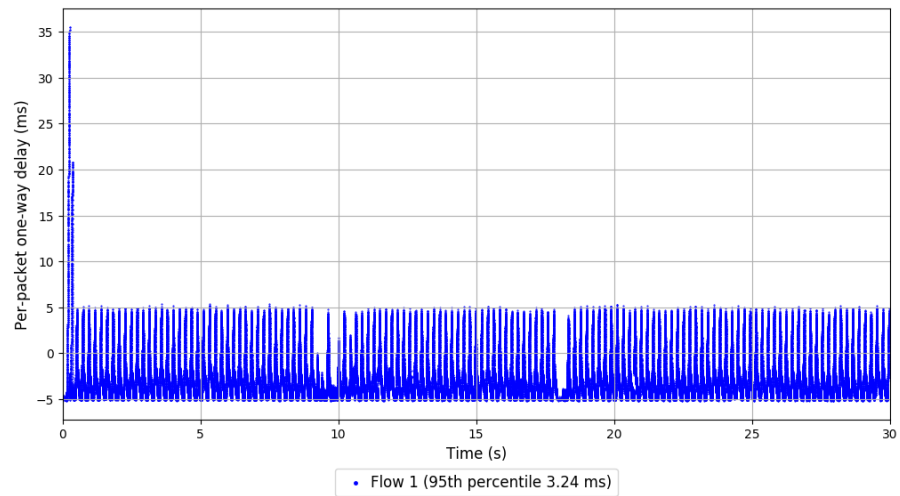
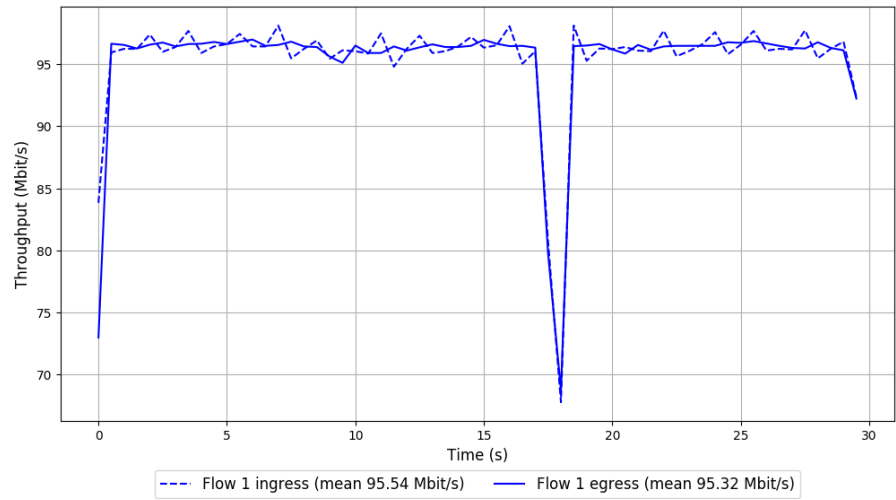


Run 7: Statistics of TCP BBR

Start at: 2018-02-13 03:23:49
End at: 2018-02-13 03:24:19
Local clock offset: 3.029 ms
Remote clock offset: -6.038 ms

Below is generated by plot.py at 2018-02-13 05:16:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.32 Mbit/s
95th percentile per-packet one-way delay: 3.243 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 95.32 Mbit/s
95th percentile per-packet one-way delay: 3.243 ms
Loss rate: 0.20%

Run 7: Report of TCP BBR — Data Link

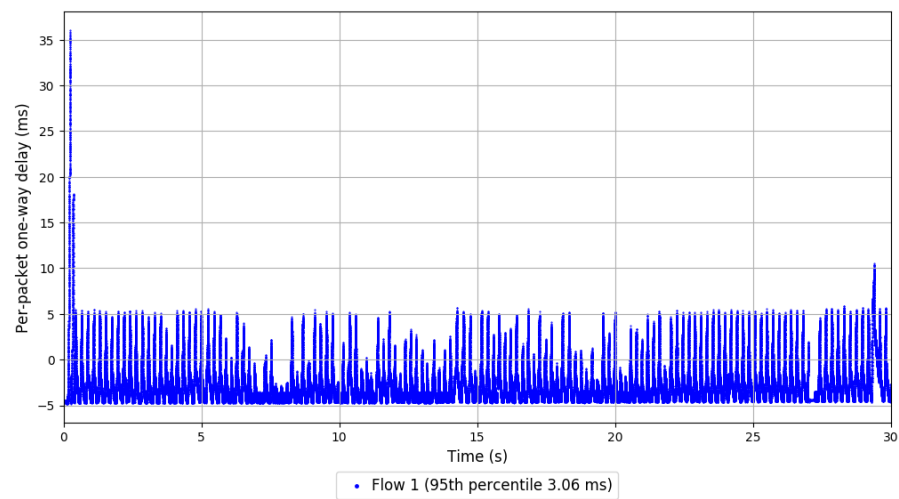
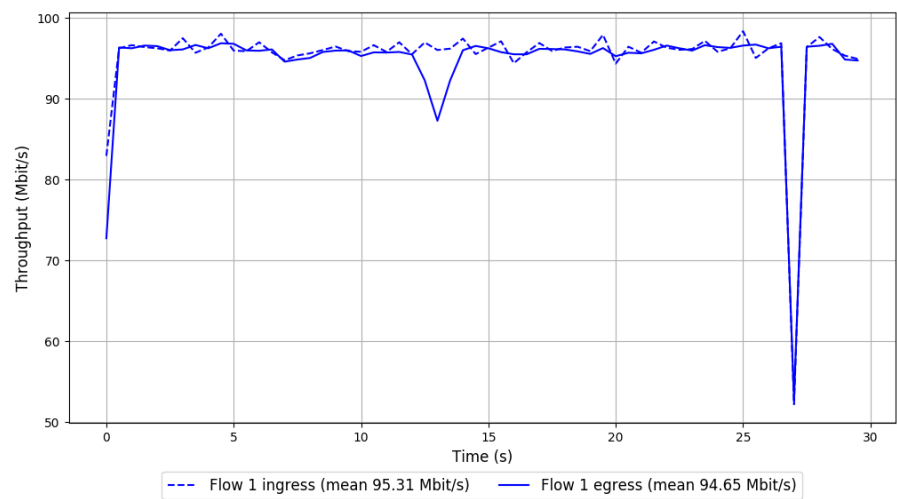


Run 8: Statistics of TCP BBR

Start at: 2018-02-13 03:45:16
End at: 2018-02-13 03:45:46
Local clock offset: 2.818 ms
Remote clock offset: -17.91 ms

Below is generated by plot.py at 2018-02-13 05:16:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.65 Mbit/s
95th percentile per-packet one-way delay: 3.060 ms
Loss rate: 0.69%
-- Flow 1:
Average throughput: 94.65 Mbit/s
95th percentile per-packet one-way delay: 3.060 ms
Loss rate: 0.69%

Run 8: Report of TCP BBR — Data Link

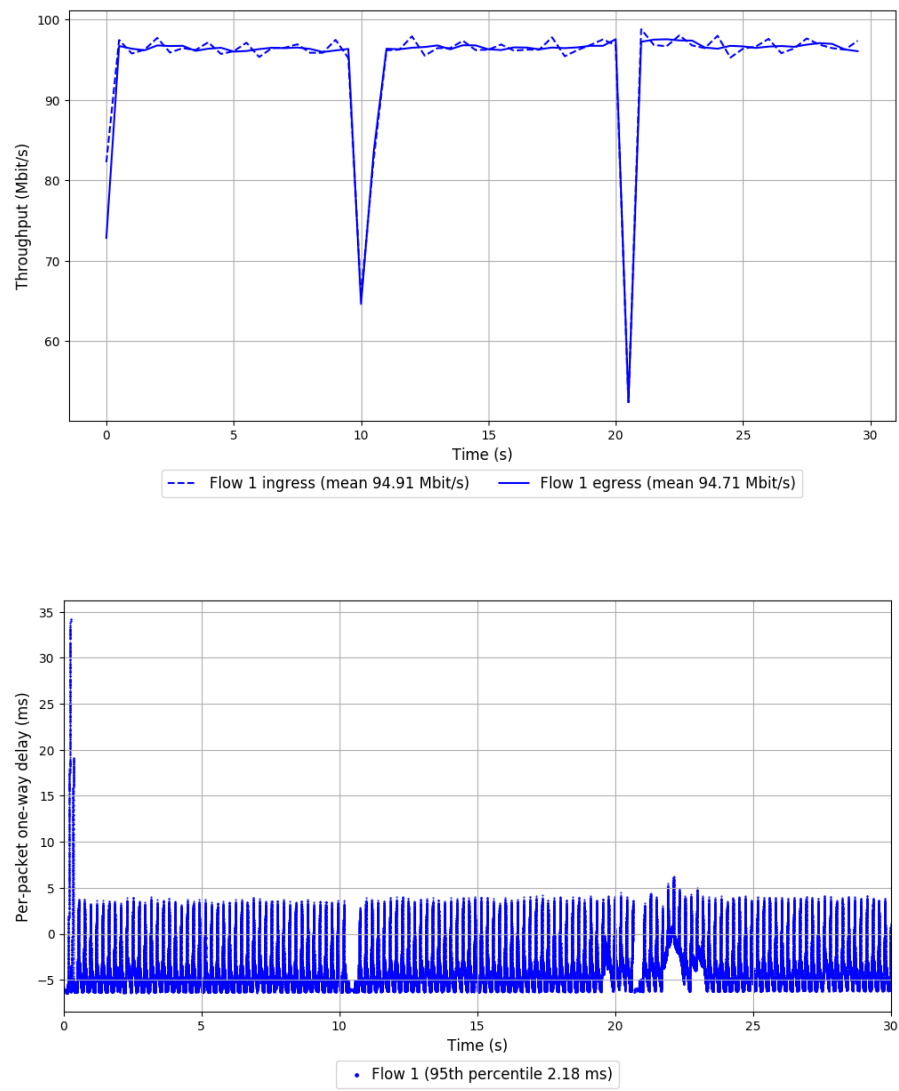


Run 9: Statistics of TCP BBR

Start at: 2018-02-13 04:06:19
End at: 2018-02-13 04:06:49
Local clock offset: 4.993 ms
Remote clock offset: -22.716 ms

Below is generated by plot.py at 2018-02-13 05:18:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.71 Mbit/s
95th percentile per-packet one-way delay: 2.183 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 94.71 Mbit/s
95th percentile per-packet one-way delay: 2.183 ms
Loss rate: 0.19%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-02-13 04:27:49

End at: 2018-02-13 04:28:19

Local clock offset: 2.085 ms

Remote clock offset: -26.181 ms

Below is generated by plot.py at 2018-02-13 05:18:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.94 Mbit/s

95th percentile per-packet one-way delay: 6.485 ms

Loss rate: 0.18%

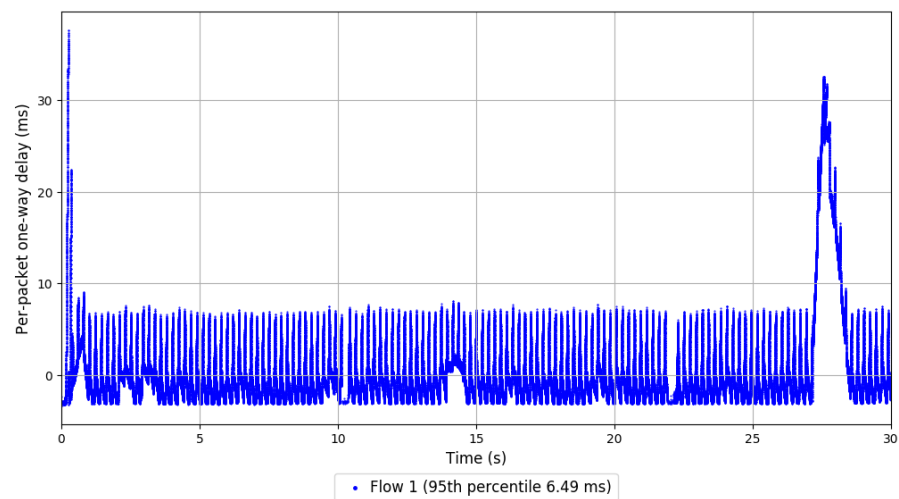
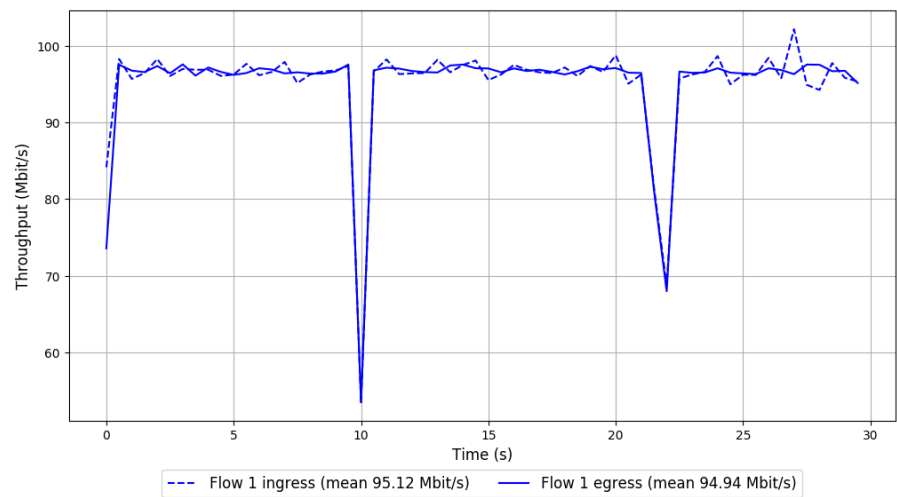
-- Flow 1:

Average throughput: 94.94 Mbit/s

95th percentile per-packet one-way delay: 6.485 ms

Loss rate: 0.18%

Run 10: Report of TCP BBR — Data Link

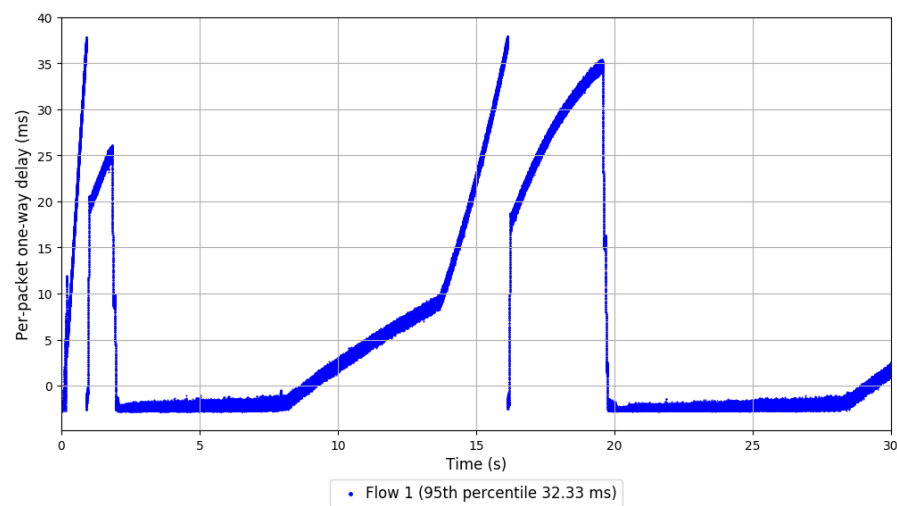
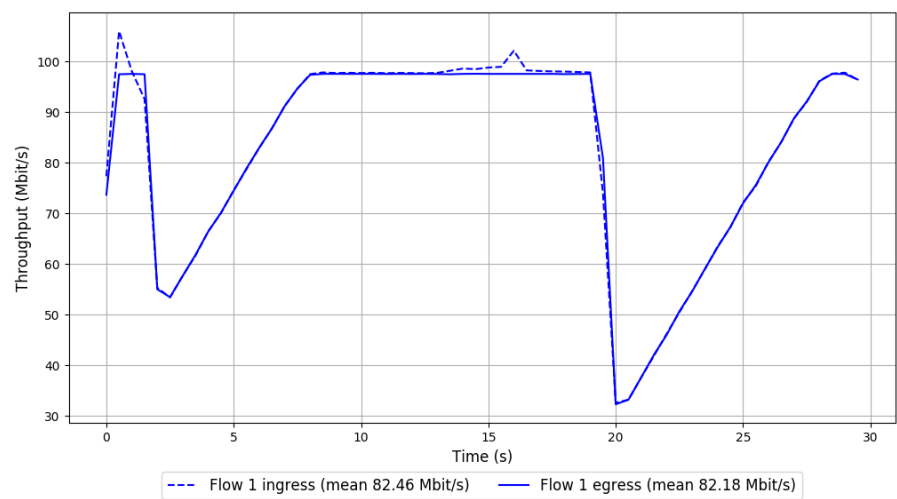


Run 1: Statistics of TCP Cubic

Start at: 2018-02-13 01:31:14
End at: 2018-02-13 01:31:44
Local clock offset: 0.487 ms
Remote clock offset: -19.533 ms

Below is generated by plot.py at 2018-02-13 05:18:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.18 Mbit/s
95th percentile per-packet one-way delay: 32.332 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 82.18 Mbit/s
95th percentile per-packet one-way delay: 32.332 ms
Loss rate: 0.33%

Run 1: Report of TCP Cubic — Data Link

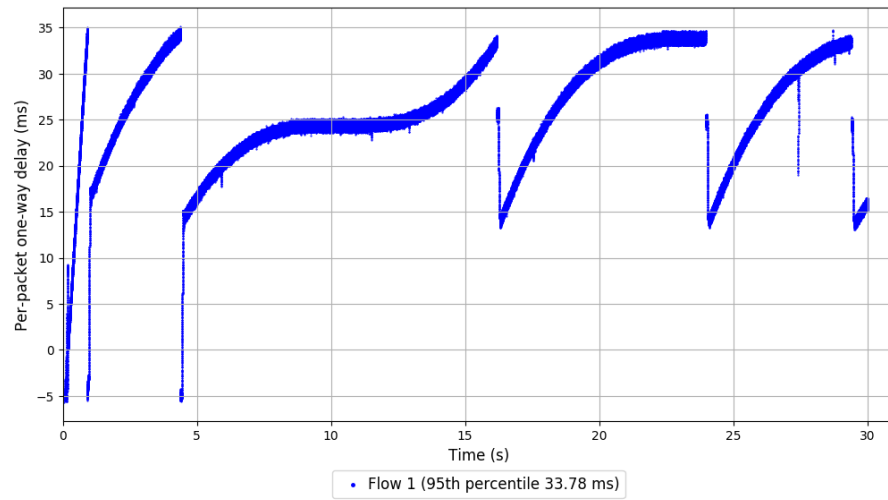
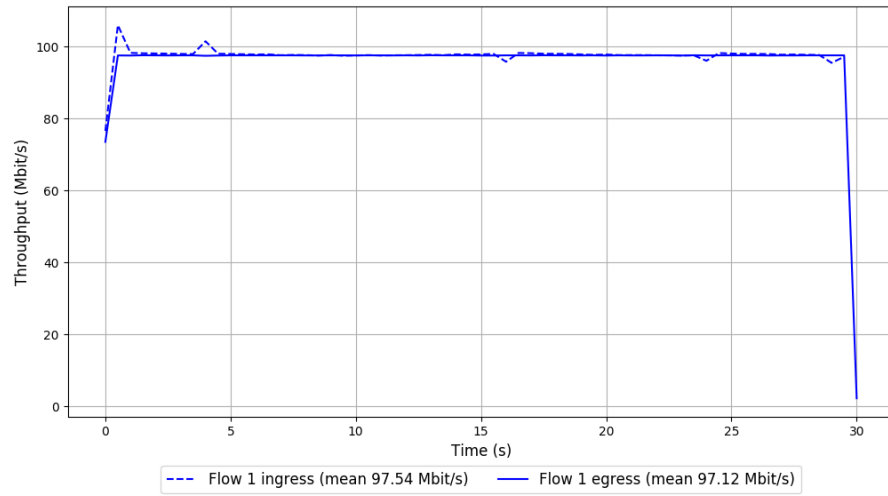


Run 2: Statistics of TCP Cubic

Start at: 2018-02-13 01:52:22
End at: 2018-02-13 01:52:52
Local clock offset: 2.795 ms
Remote clock offset: -19.714 ms

Below is generated by plot.py at 2018-02-13 05:18:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 33.780 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 33.780 ms
Loss rate: 0.36%

Run 2: Report of TCP Cubic — Data Link

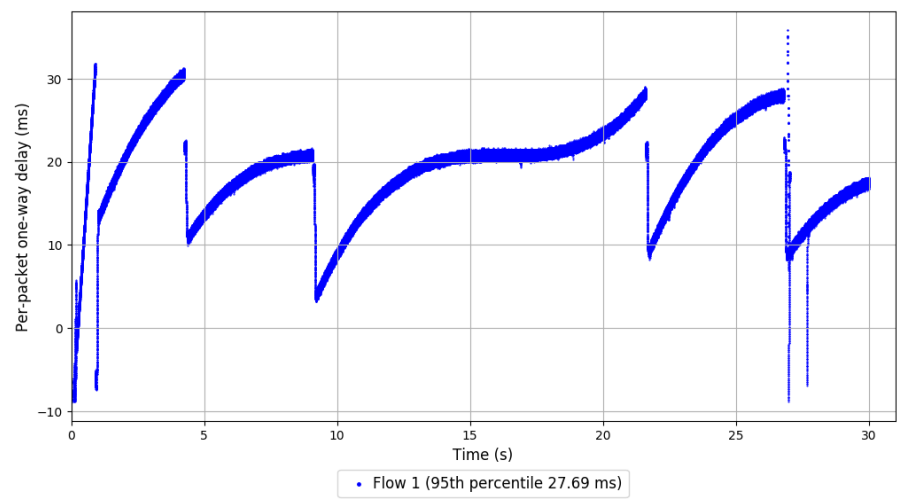
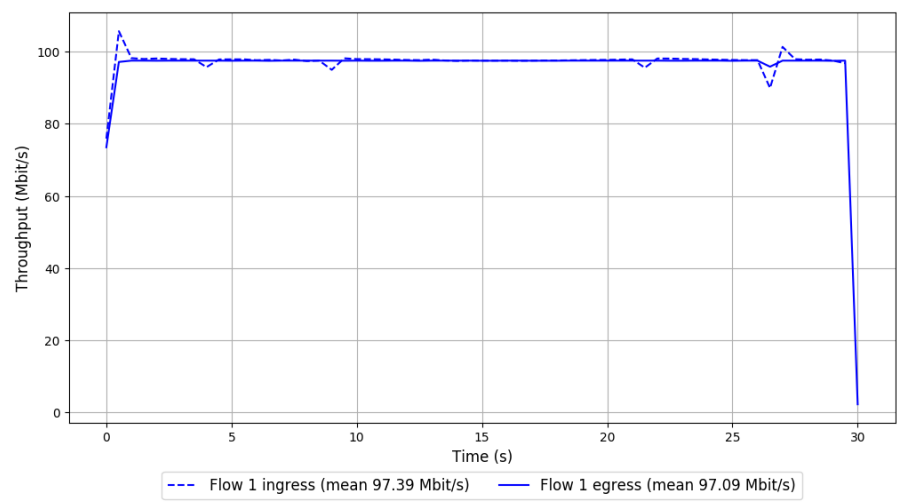


Run 3: Statistics of TCP Cubic

Start at: 2018-02-13 02:13:20
End at: 2018-02-13 02:13:50
Local clock offset: 5.993 ms
Remote clock offset: -19.462 ms

Below is generated by plot.py at 2018-02-13 05:18:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 27.694 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 97.09 Mbit/s
95th percentile per-packet one-way delay: 27.694 ms
Loss rate: 0.22%

Run 3: Report of TCP Cubic — Data Link

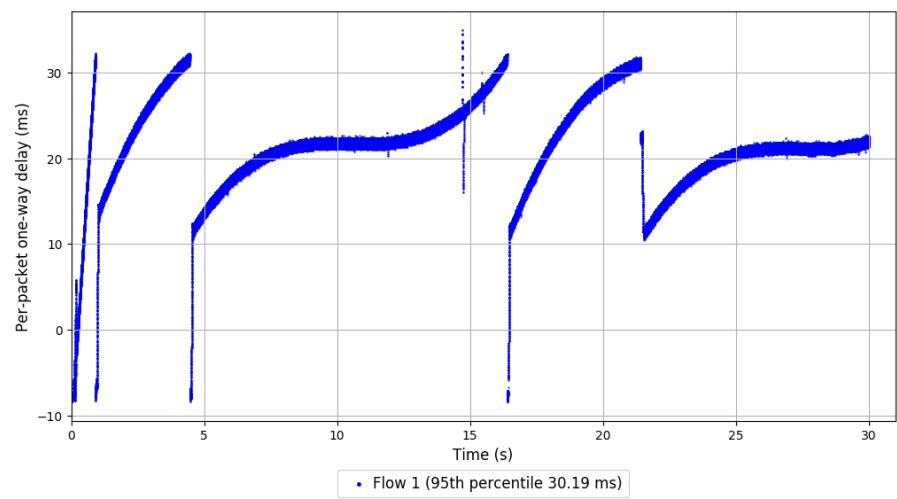
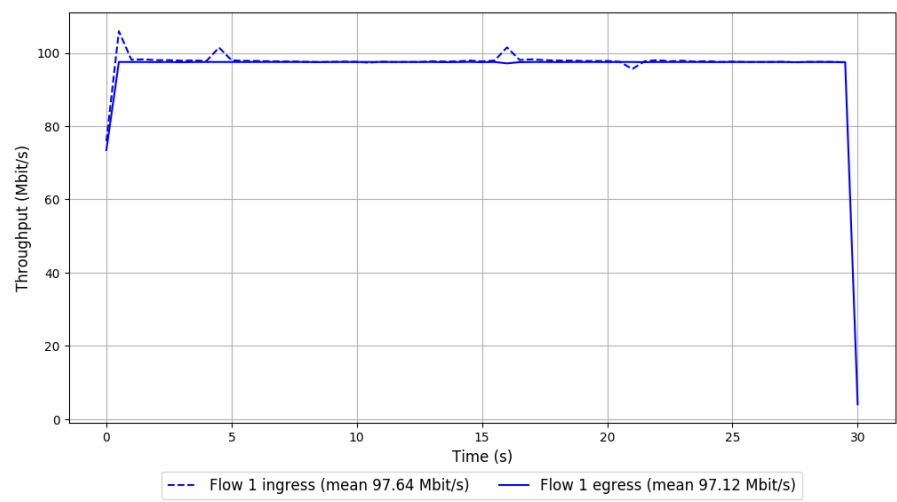


Run 4: Statistics of TCP Cubic

Start at: 2018-02-13 02:34:33
End at: 2018-02-13 02:35:03
Local clock offset: 4.118 ms
Remote clock offset: -16.245 ms

Below is generated by plot.py at 2018-02-13 05:18:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 30.188 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 97.12 Mbit/s
95th percentile per-packet one-way delay: 30.188 ms
Loss rate: 0.43%

Run 4: Report of TCP Cubic — Data Link

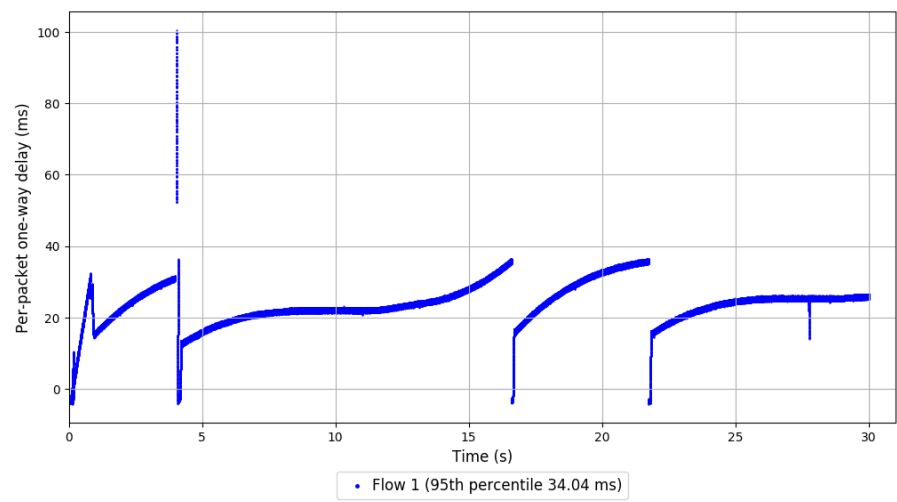
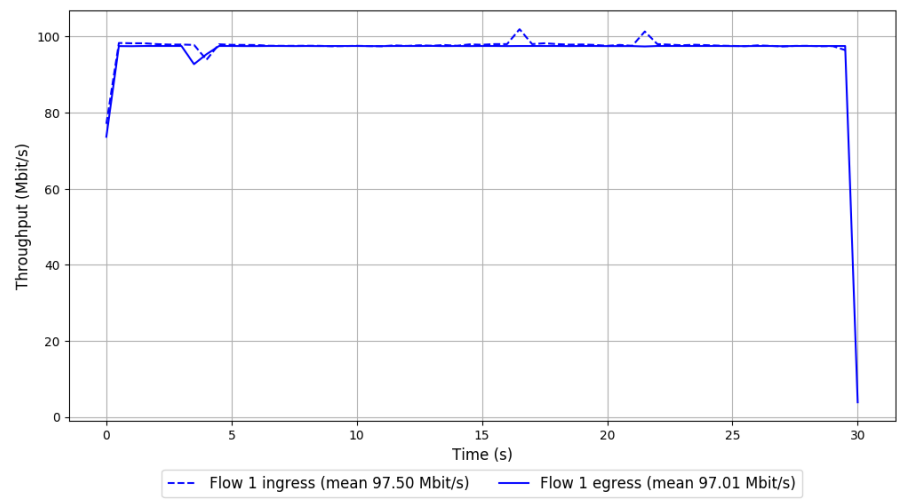


Run 5: Statistics of TCP Cubic

Start at: 2018-02-13 02:55:32
End at: 2018-02-13 02:56:02
Local clock offset: 0.797 ms
Remote clock offset: -12.41 ms

Below is generated by plot.py at 2018-02-13 05:18:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.01 Mbit/s
95th percentile per-packet one-way delay: 34.037 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 97.01 Mbit/s
95th percentile per-packet one-way delay: 34.037 ms
Loss rate: 0.40%

Run 5: Report of TCP Cubic — Data Link

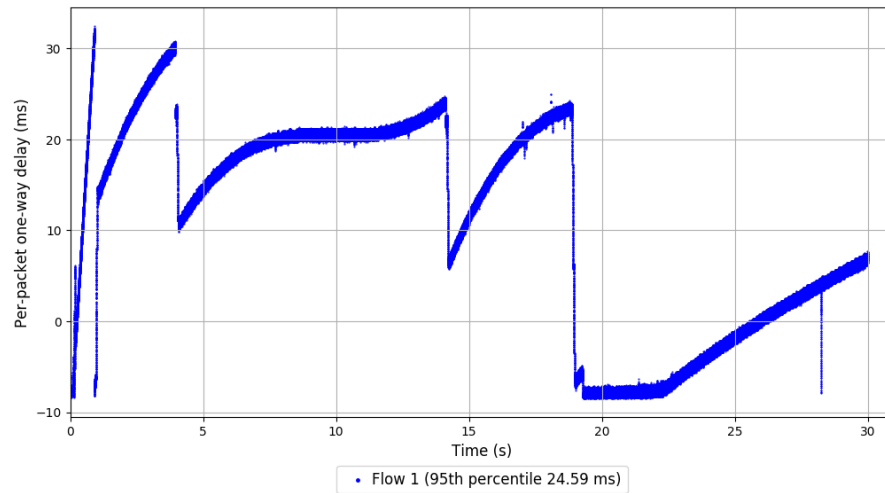
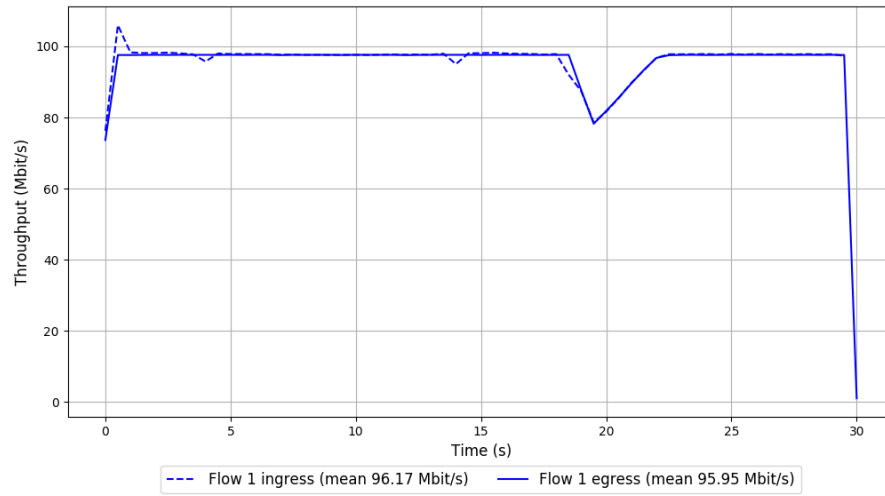


Run 6: Statistics of TCP Cubic

Start at: 2018-02-13 03:16:47
End at: 2018-02-13 03:17:17
Local clock offset: 4.12 ms
Remote clock offset: -9.066 ms

Below is generated by plot.py at 2018-02-13 05:18:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 95.95 Mbit/s
95th percentile per-packet one-way delay: 24.588 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 95.95 Mbit/s
95th percentile per-packet one-way delay: 24.588 ms
Loss rate: 0.18%

Run 6: Report of TCP Cubic — Data Link

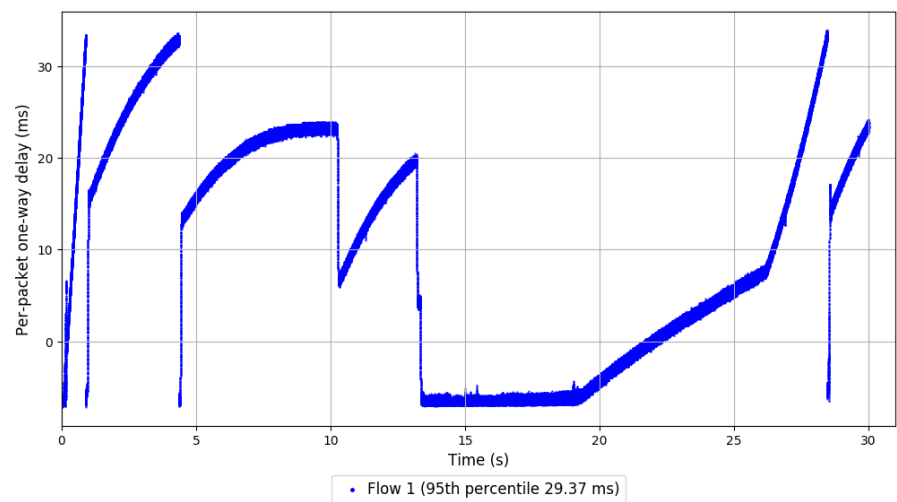
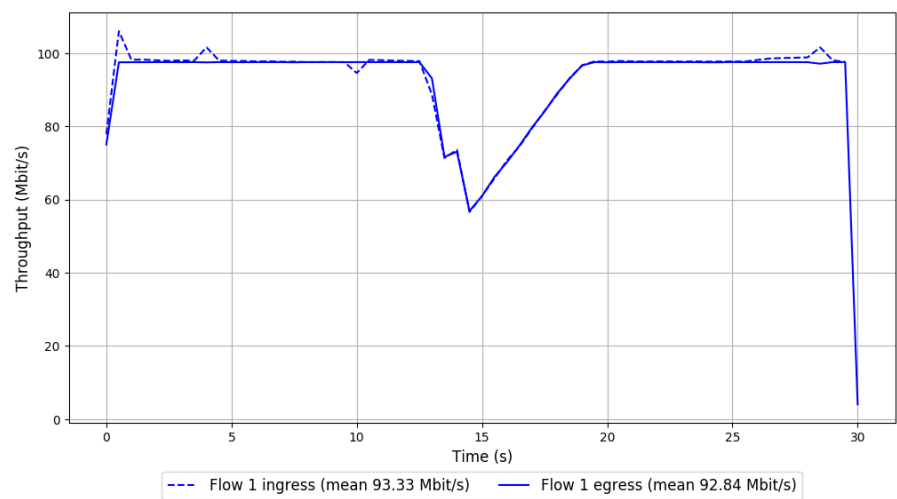


Run 7: Statistics of TCP Cubic

Start at: 2018-02-13 03:38:01
End at: 2018-02-13 03:38:31
Local clock offset: 3.697 ms
Remote clock offset: -15.25 ms

Below is generated by plot.py at 2018-02-13 05:19:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.84 Mbit/s
95th percentile per-packet one-way delay: 29.369 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 92.84 Mbit/s
95th percentile per-packet one-way delay: 29.369 ms
Loss rate: 0.42%

Run 7: Report of TCP Cubic — Data Link

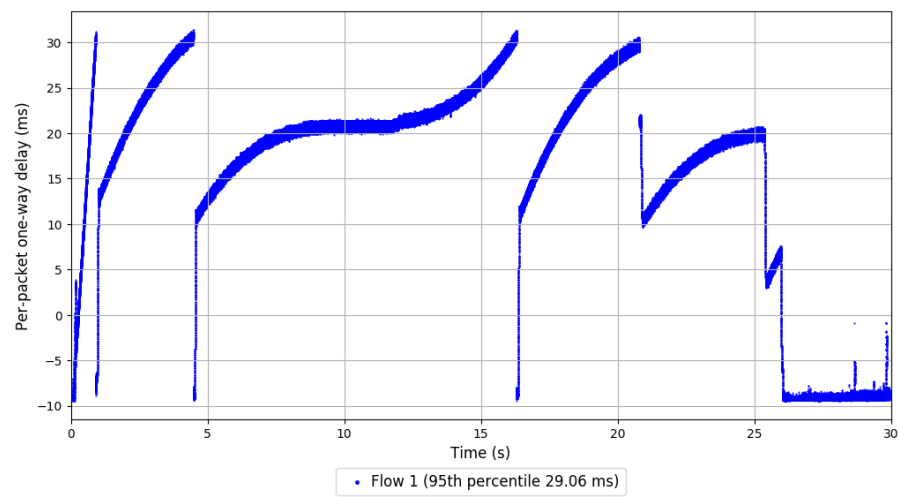
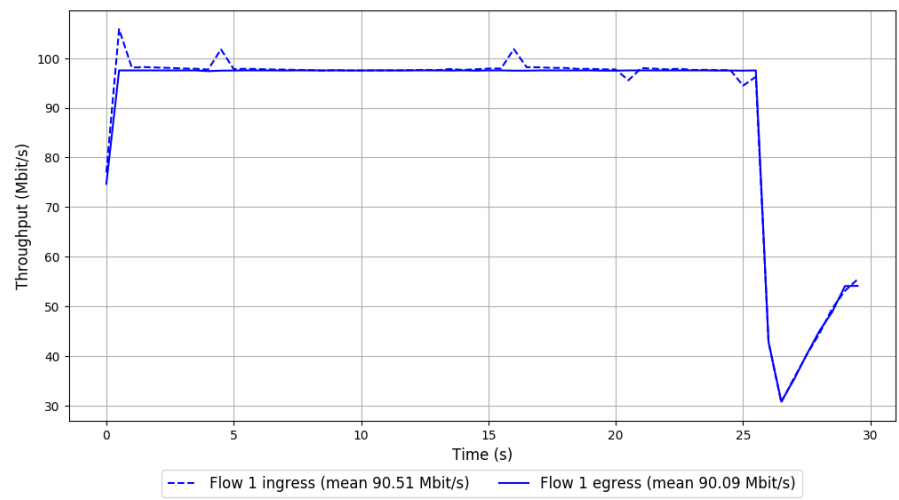


Run 8: Statistics of TCP Cubic

Start at: 2018-02-13 03:59:21
End at: 2018-02-13 03:59:51
Local clock offset: 6.076 ms
Remote clock offset: -23.031 ms

Below is generated by plot.py at 2018-02-13 05:19:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.09 Mbit/s
95th percentile per-packet one-way delay: 29.057 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 90.09 Mbit/s
95th percentile per-packet one-way delay: 29.057 ms
Loss rate: 0.47%

Run 8: Report of TCP Cubic — Data Link

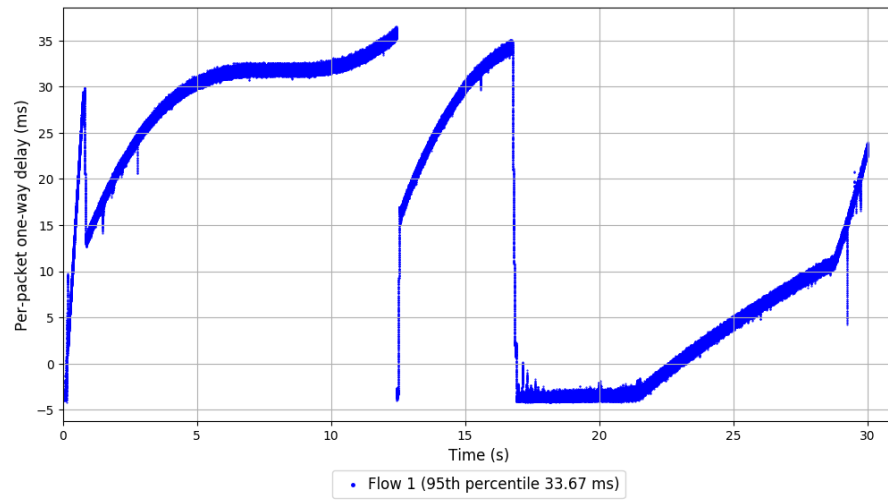
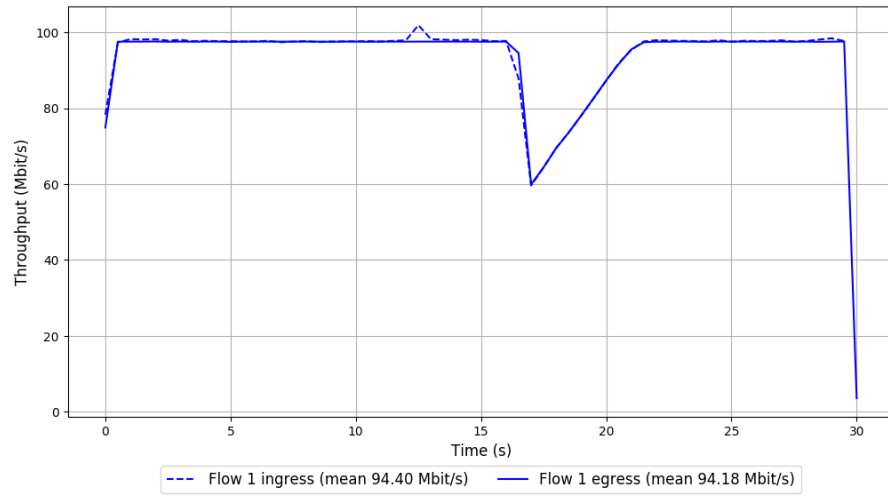


Run 9: Statistics of TCP Cubic

Start at: 2018-02-13 04:20:21
End at: 2018-02-13 04:20:51
Local clock offset: 1.134 ms
Remote clock offset: -26.526 ms

Below is generated by plot.py at 2018-02-13 05:19:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.18 Mbit/s
95th percentile per-packet one-way delay: 33.668 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 94.18 Mbit/s
95th percentile per-packet one-way delay: 33.668 ms
Loss rate: 0.15%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-02-13 04:42:24

End at: 2018-02-13 04:42:54

Local clock offset: 4.594 ms

Remote clock offset: -27.09 ms

Below is generated by plot.py at 2018-02-13 05:19:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.02 Mbit/s

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

Loss rate: 0.31%

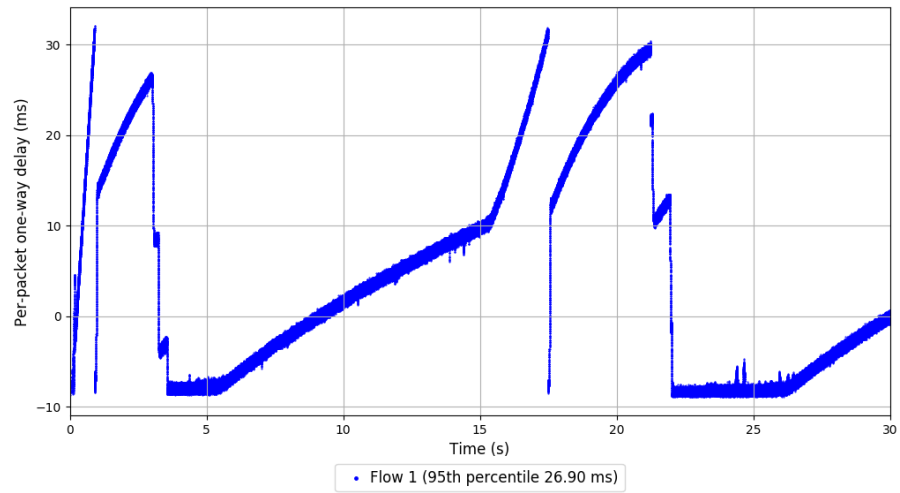
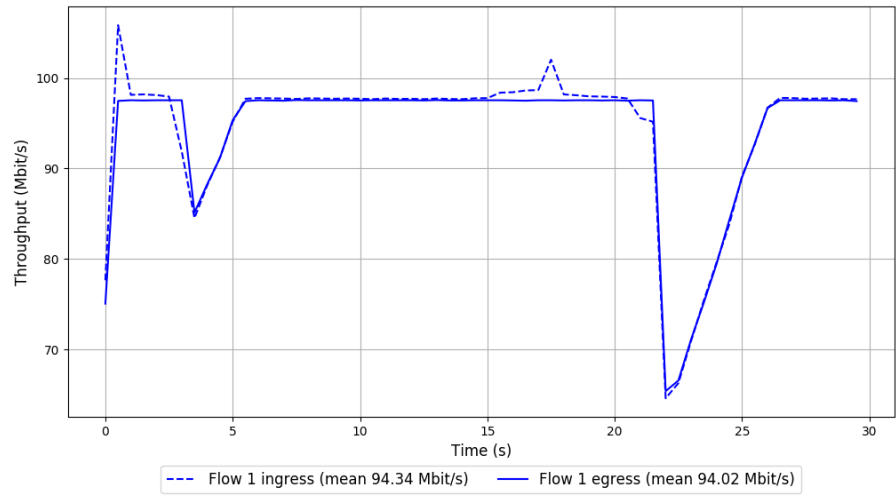
-- Flow 1:

Average throughput: 94.02 Mbit/s

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

Loss rate: 0.31%

Run 10: Report of TCP Cubic — Data Link

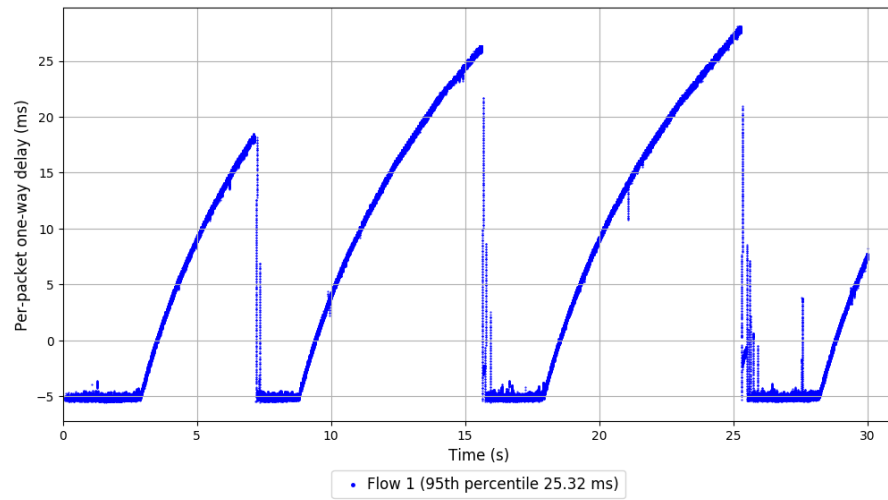
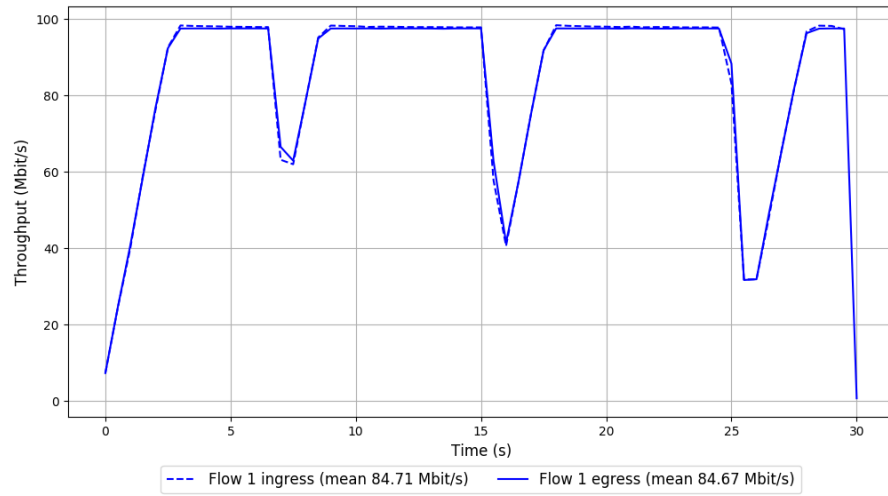


```
Run 1: Statistics of LEDBAT

Start at: 2018-02-13 01:26:30
End at: 2018-02-13 01:27:00
Local clock offset: 2.048 ms
Remote clock offset: -20.099 ms

# Below is generated by plot.py at 2018-02-13 05:19:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 84.67 Mbit/s
95th percentile per-packet one-way delay: 25.324 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 84.67 Mbit/s
95th percentile per-packet one-way delay: 25.324 ms
Loss rate: 0.01%
```


Run 1: Report of LEDBAT — Data Link

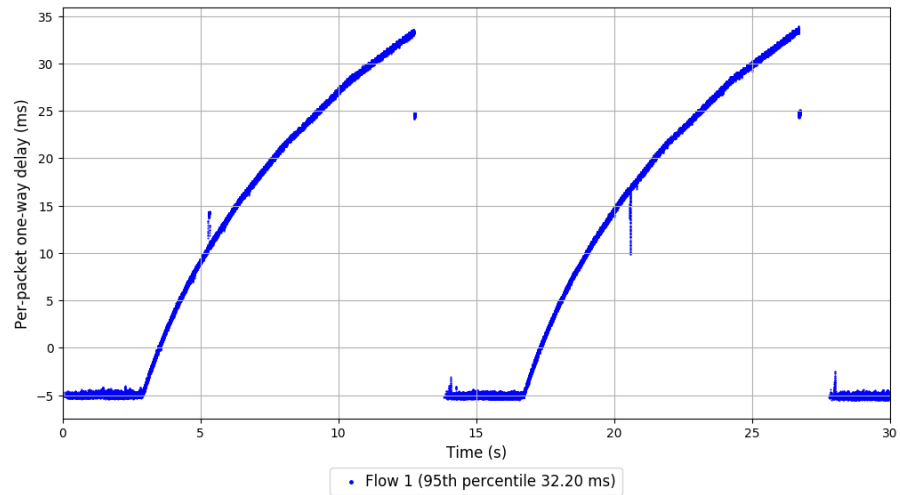
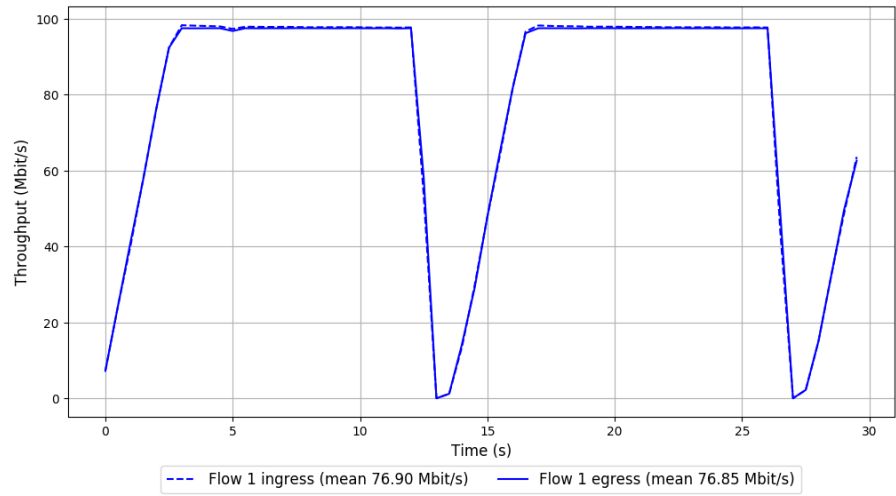


Run 2: Statistics of LEDBAT

Start at: 2018-02-13 01:47:40
End at: 2018-02-13 01:48:10
Local clock offset: 1.101 ms
Remote clock offset: -22.191 ms

Below is generated by plot.py at 2018-02-13 05:19:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.85 Mbit/s
95th percentile per-packet one-way delay: 32.200 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 76.85 Mbit/s
95th percentile per-packet one-way delay: 32.200 ms
Loss rate: 0.07%

Run 2: Report of LEDBAT — Data Link

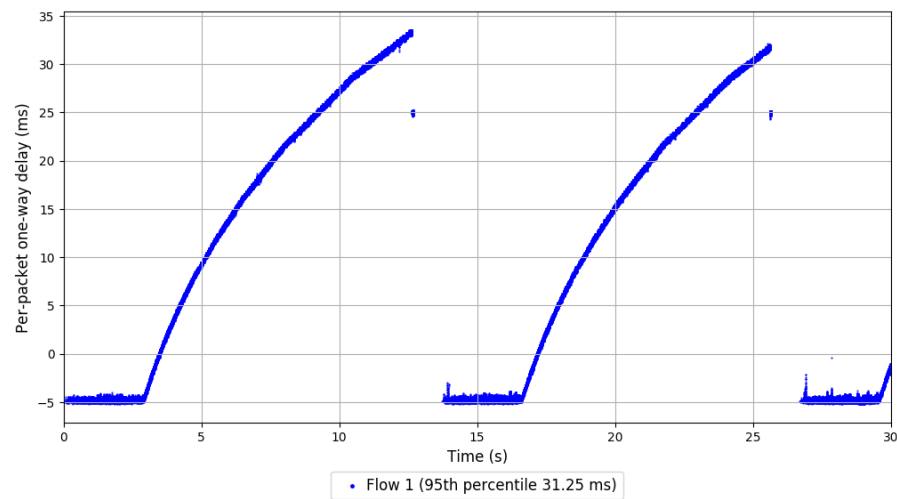
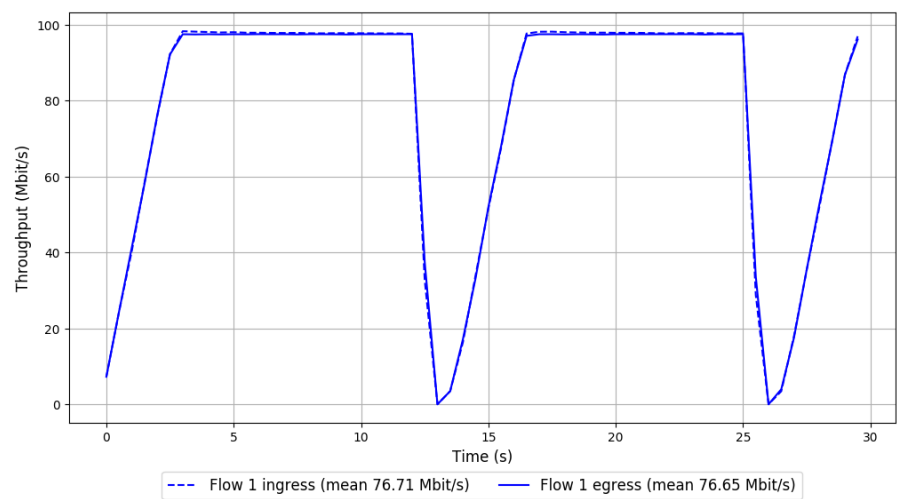


Run 3: Statistics of LEDBAT

Start at: 2018-02-13 02:08:33
End at: 2018-02-13 02:09:03
Local clock offset: 4.31 ms
Remote clock offset: -17.509 ms

Below is generated by plot.py at 2018-02-13 05:19:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.65 Mbit/s
95th percentile per-packet one-way delay: 31.254 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 76.65 Mbit/s
95th percentile per-packet one-way delay: 31.254 ms
Loss rate: 0.07%

Run 3: Report of LEDBAT — Data Link

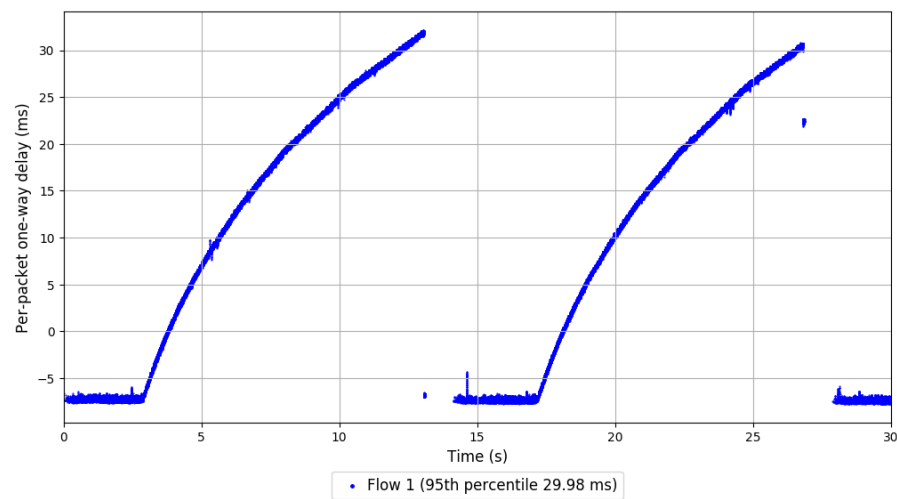
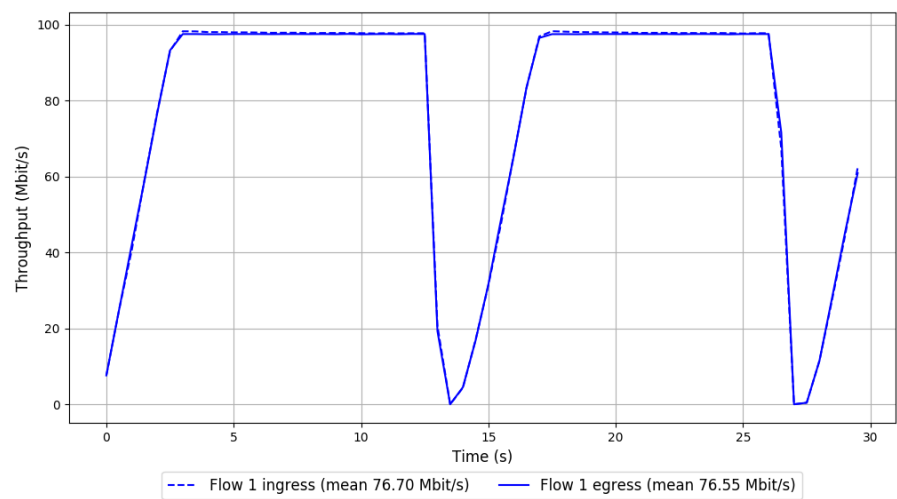


Run 4: Statistics of LEDBAT

Start at: 2018-02-13 02:29:45
End at: 2018-02-13 02:30:15
Local clock offset: 5.049 ms
Remote clock offset: -15.868 ms

Below is generated by plot.py at 2018-02-13 05:19:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.55 Mbit/s
95th percentile per-packet one-way delay: 29.985 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 76.55 Mbit/s
95th percentile per-packet one-way delay: 29.985 ms
Loss rate: 0.20%

Run 4: Report of LEDBAT — Data Link

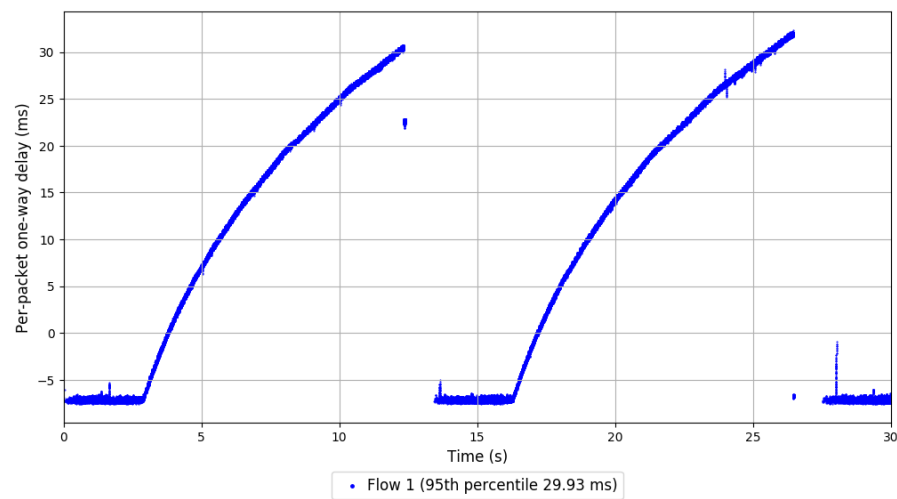
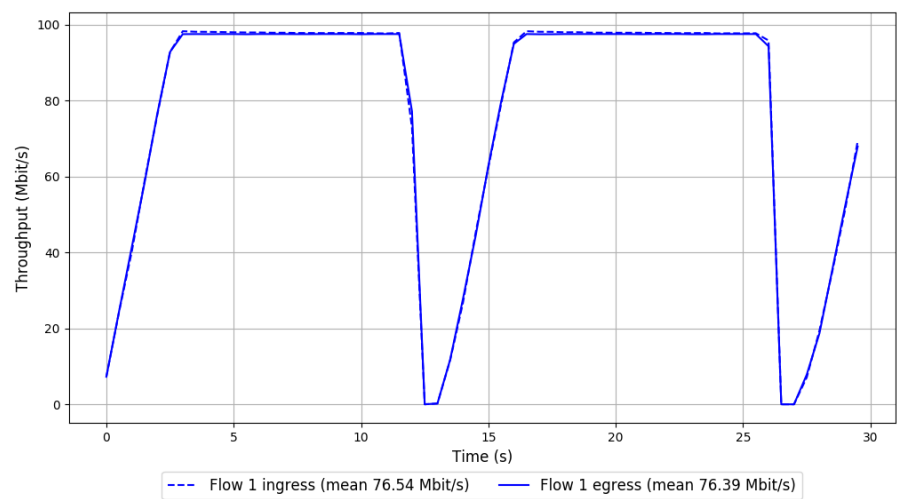


Run 5: Statistics of LEDBAT

Start at: 2018-02-13 02:50:48
End at: 2018-02-13 02:51:18
Local clock offset: 2.871 ms
Remote clock offset: -14.023 ms

Below is generated by plot.py at 2018-02-13 05:20:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.39 Mbit/s
95th percentile per-packet one-way delay: 29.927 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 76.39 Mbit/s
95th percentile per-packet one-way delay: 29.927 ms
Loss rate: 0.20%

Run 5: Report of LEDBAT — Data Link

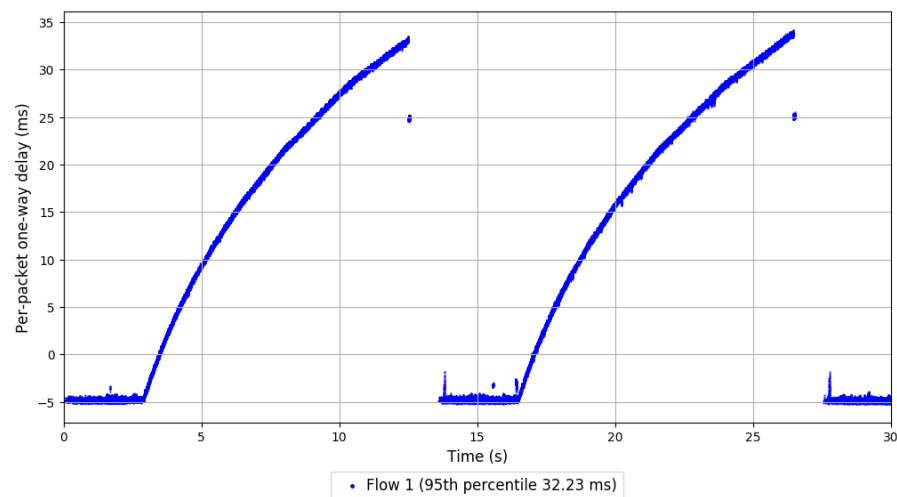
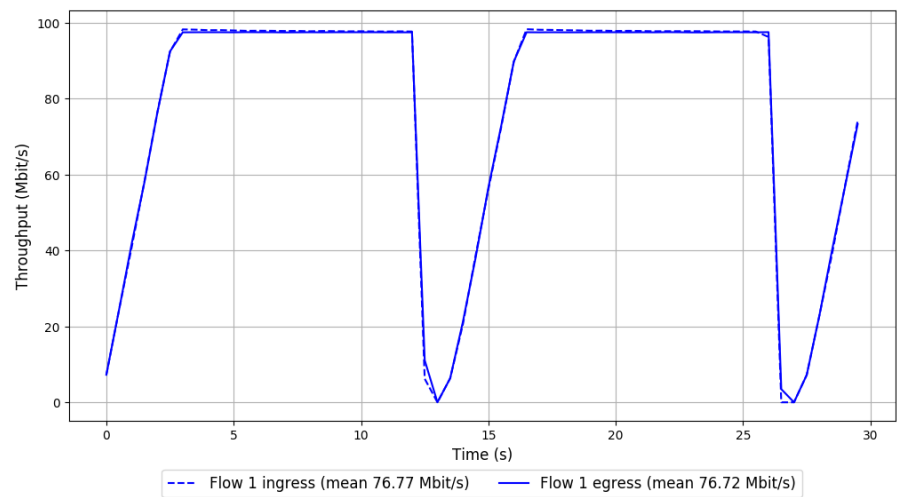


Run 6: Statistics of LEDBAT

Start at: 2018-02-13 03:12:01
End at: 2018-02-13 03:12:31
Local clock offset: 1.986 ms
Remote clock offset: -8.279 ms

Below is generated by plot.py at 2018-02-13 05:20:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.72 Mbit/s
95th percentile per-packet one-way delay: 32.227 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 76.72 Mbit/s
95th percentile per-packet one-way delay: 32.227 ms
Loss rate: 0.07%

Run 6: Report of LEDBAT — Data Link

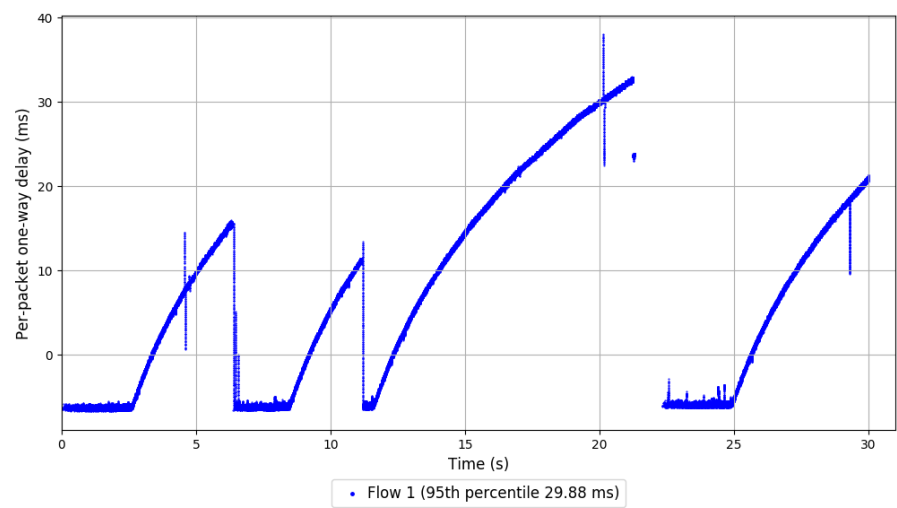
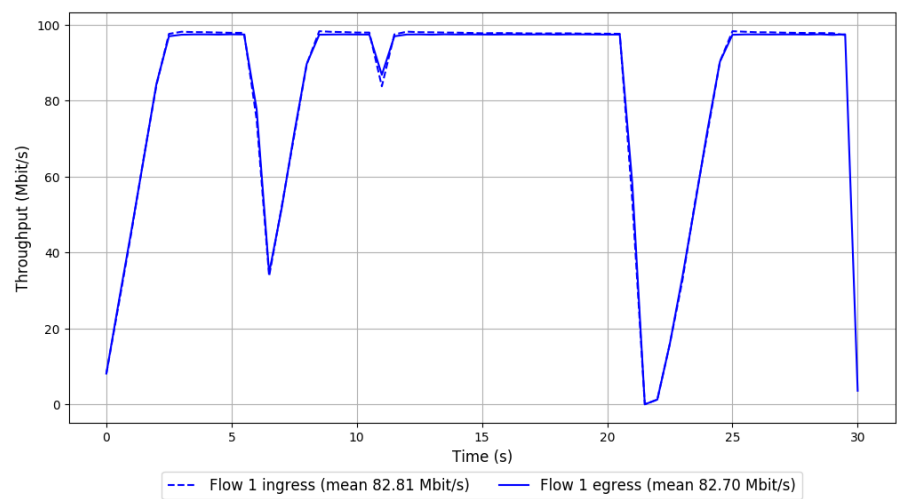


Run 7: Statistics of LEDBAT

Start at: 2018-02-13 03:33:04
End at: 2018-02-13 03:33:34
Local clock offset: 4.778 ms
Remote clock offset: -9.294 ms

Below is generated by plot.py at 2018-02-13 05:20:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.70 Mbit/s
95th percentile per-packet one-way delay: 29.881 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 82.70 Mbit/s
95th percentile per-packet one-way delay: 29.881 ms
Loss rate: 0.04%

Run 7: Report of LEDBAT — Data Link

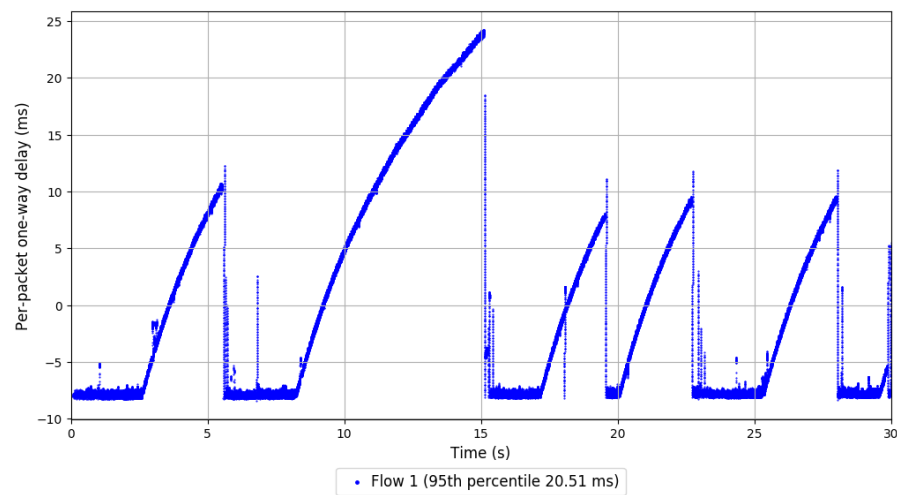
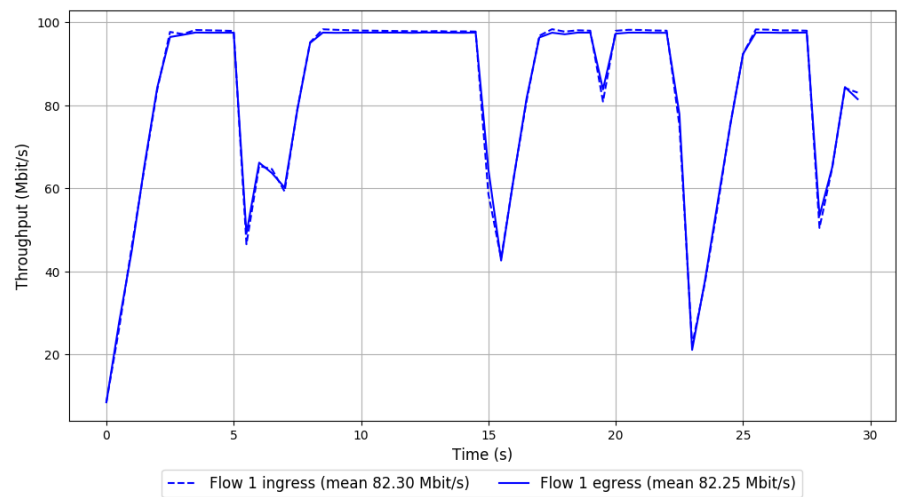


Run 8: Statistics of LEDBAT

Start at: 2018-02-13 03:54:38
End at: 2018-02-13 03:55:08
Local clock offset: 5.566 ms
Remote clock offset: -21.312 ms

Below is generated by plot.py at 2018-02-13 05:20:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.25 Mbit/s
95th percentile per-packet one-way delay: 20.512 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 82.25 Mbit/s
95th percentile per-packet one-way delay: 20.512 ms
Loss rate: 0.01%

Run 8: Report of LEDBAT — Data Link

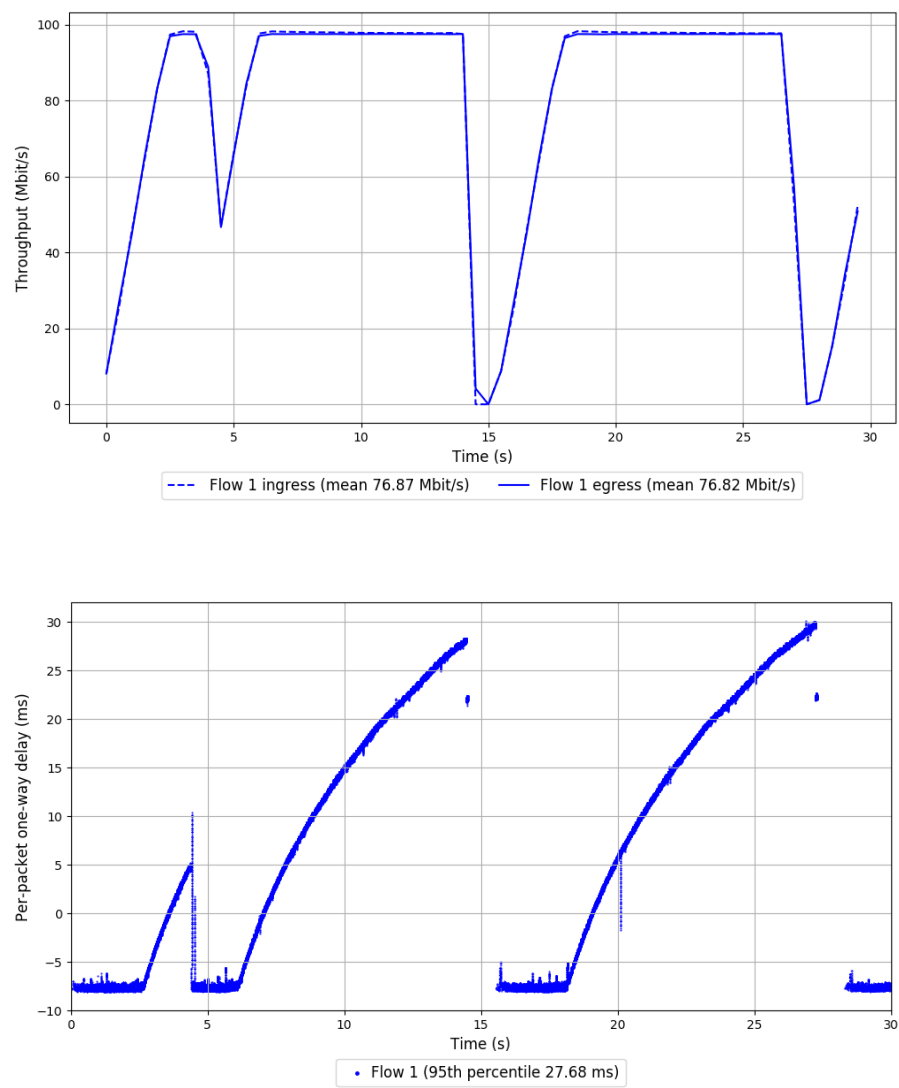


Run 9: Statistics of LEDBAT

Start at: 2018-02-13 04:15:31
End at: 2018-02-13 04:16:01
Local clock offset: 4.754 ms
Remote clock offset: -26.024 ms

Below is generated by plot.py at 2018-02-13 05:20:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.82 Mbit/s
95th percentile per-packet one-way delay: 27.675 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 76.82 Mbit/s
95th percentile per-packet one-way delay: 27.675 ms
Loss rate: 0.06%

Run 9: Report of LEDBAT — Data Link

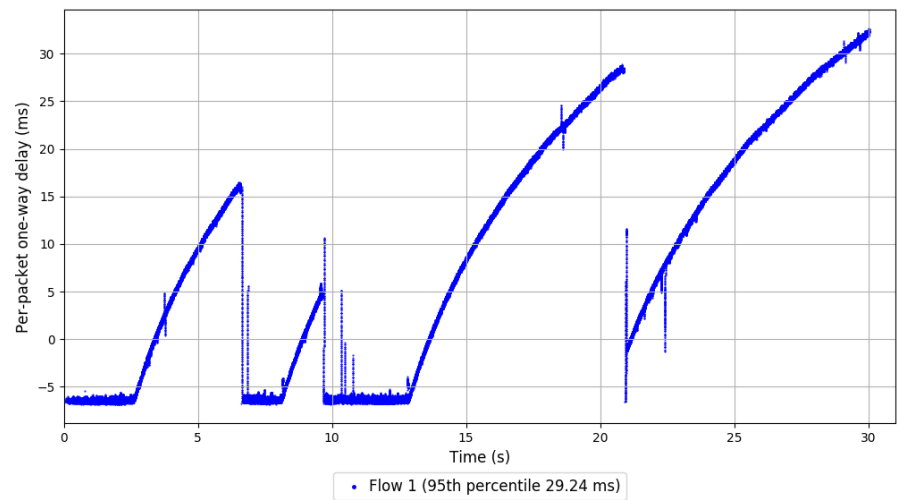
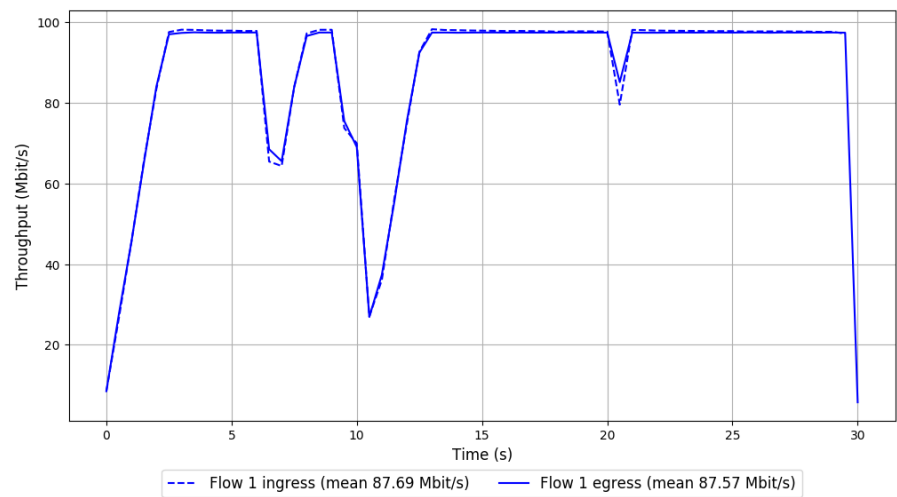


Run 10: Statistics of LEDBAT

Start at: 2018-02-13 04:37:15
End at: 2018-02-13 04:37:45
Local clock offset: 4.836 ms
Remote clock offset: -28.522 ms

Below is generated by plot.py at 2018-02-13 05:20:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.57 Mbit/s
95th percentile per-packet one-way delay: 29.237 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 87.57 Mbit/s
95th percentile per-packet one-way delay: 29.237 ms
Loss rate: 0.01%

Run 10: Report of LEDBAT — Data Link

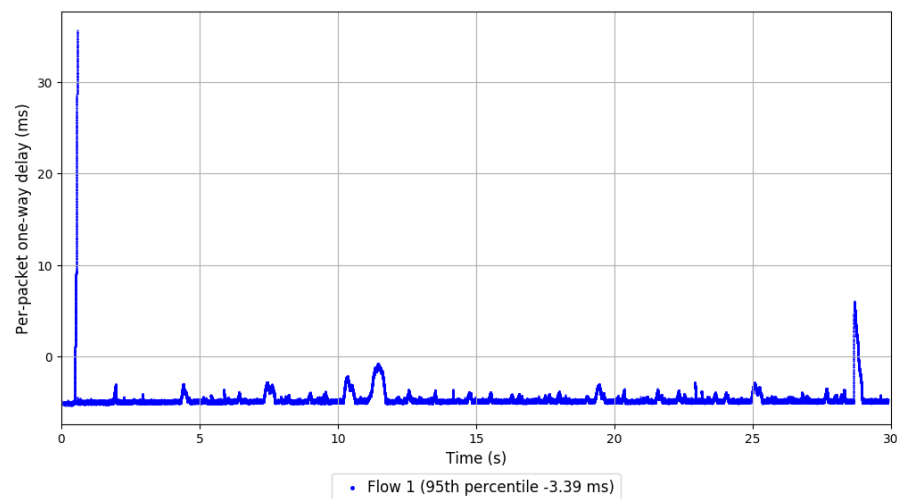
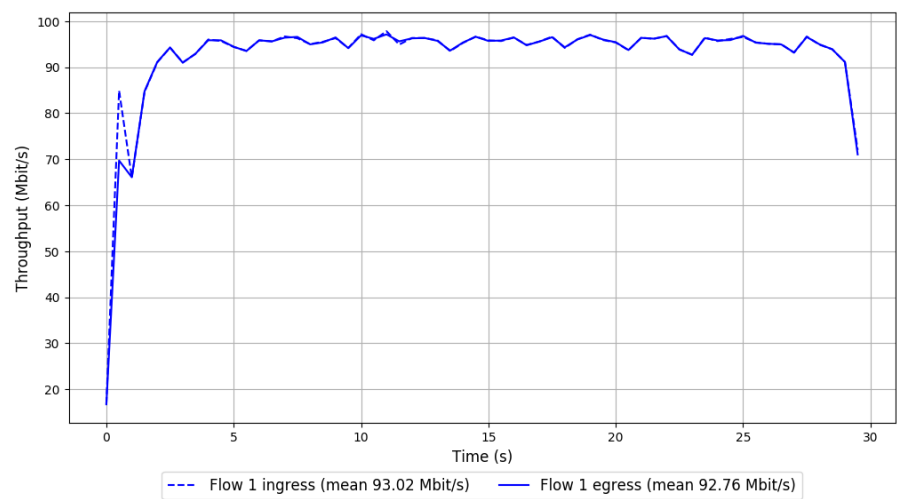


Run 1: Statistics of PCC

Start at: 2018-02-13 01:28:52
End at: 2018-02-13 01:29:22
Local clock offset: 1.466 ms
Remote clock offset: -20.646 ms

Below is generated by plot.py at 2018-02-13 05:20:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.76 Mbit/s
95th percentile per-packet one-way delay: -3.393 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 92.76 Mbit/s
95th percentile per-packet one-way delay: -3.393 ms
Loss rate: 0.29%

Run 1: Report of PCC — Data Link

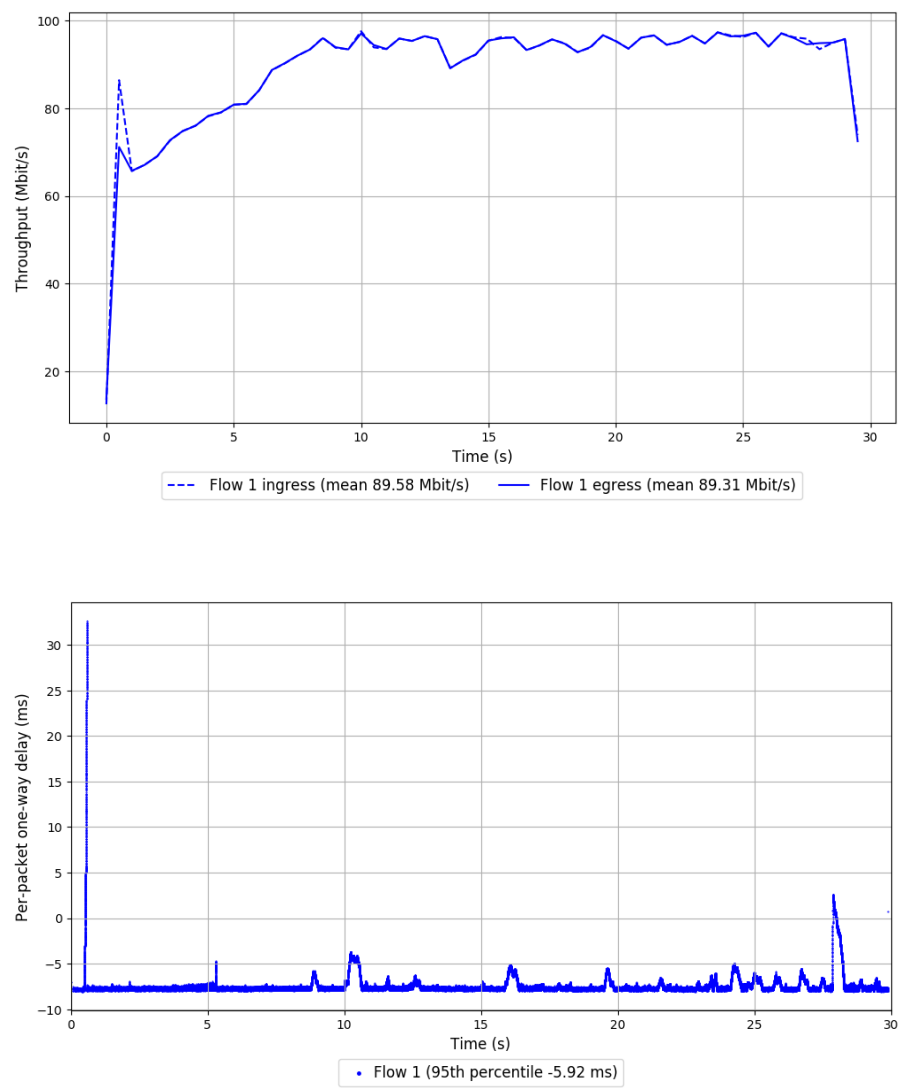


Run 2: Statistics of PCC

Start at: 2018-02-13 01:50:01
End at: 2018-02-13 01:50:31
Local clock offset: 4.186 ms
Remote clock offset: -21.072 ms

Below is generated by plot.py at 2018-02-13 05:20:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.31 Mbit/s
95th percentile per-packet one-way delay: -5.918 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 89.31 Mbit/s
95th percentile per-packet one-way delay: -5.918 ms
Loss rate: 0.28%

Run 2: Report of PCC — Data Link

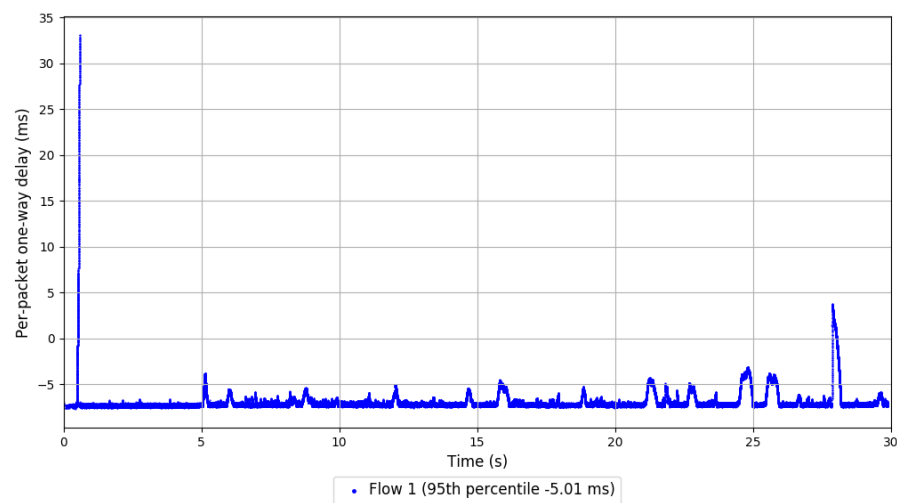
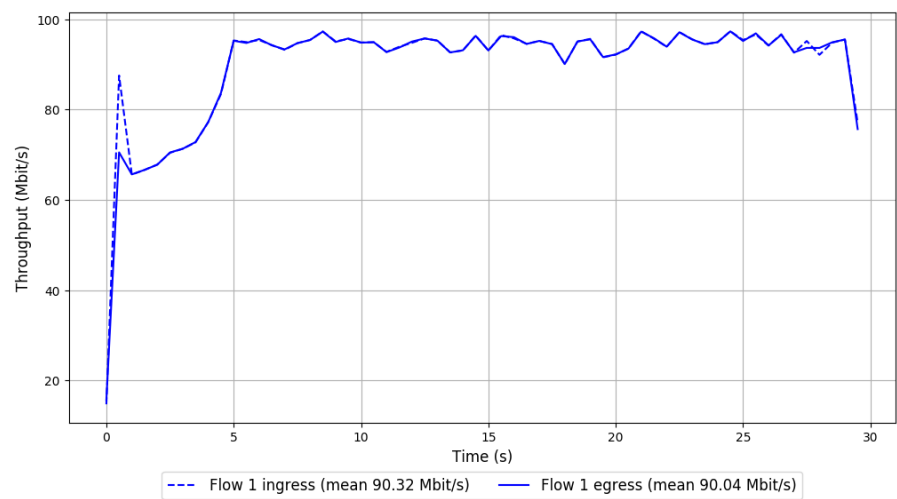


Run 3: Statistics of PCC

Start at: 2018-02-13 02:10:56
End at: 2018-02-13 02:11:26
Local clock offset: 4.606 ms
Remote clock offset: -19.548 ms

Below is generated by plot.py at 2018-02-13 05:21:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.04 Mbit/s
95th percentile per-packet one-way delay: -5.013 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 90.04 Mbit/s
95th percentile per-packet one-way delay: -5.013 ms
Loss rate: 0.32%

Run 3: Report of PCC — Data Link

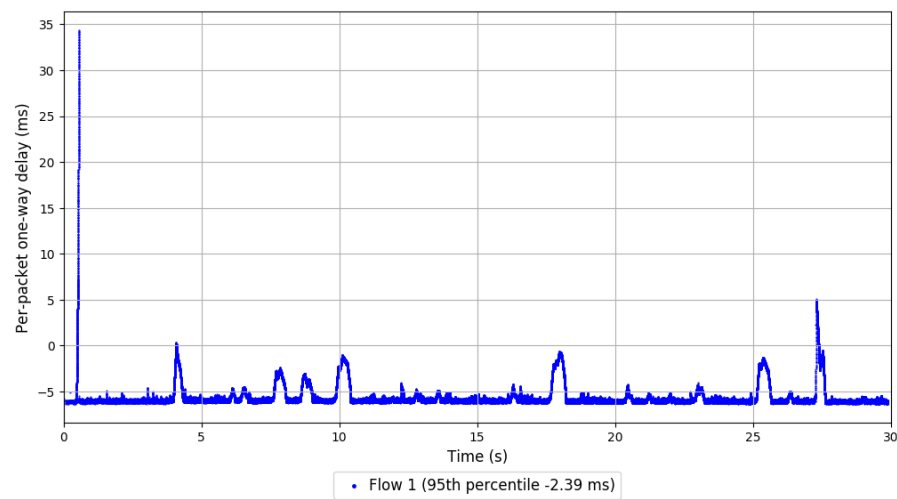
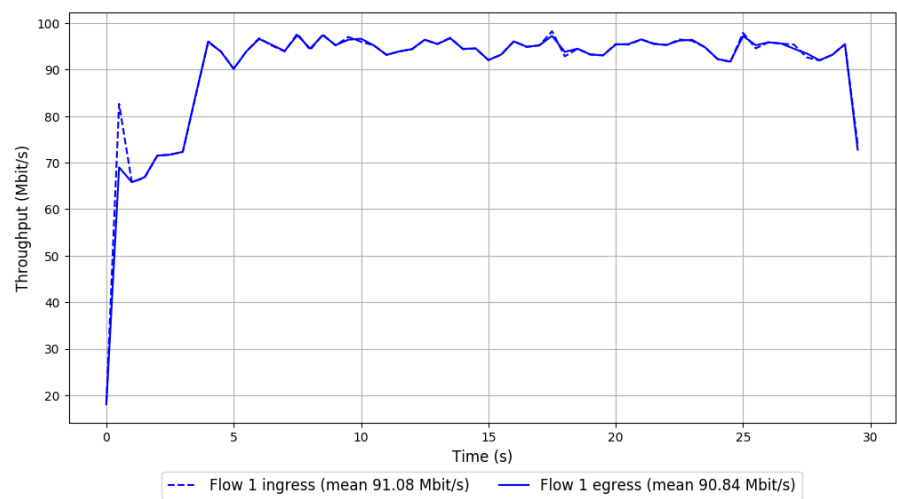


Run 4: Statistics of PCC

Start at: 2018-02-13 02:32:08
End at: 2018-02-13 02:32:38
Local clock offset: 4.289 ms
Remote clock offset: -14.57 ms

Below is generated by plot.py at 2018-02-13 05:21:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.84 Mbit/s
95th percentile per-packet one-way delay: -2.394 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 90.84 Mbit/s
95th percentile per-packet one-way delay: -2.394 ms
Loss rate: 0.27%

Run 4: Report of PCC — Data Link

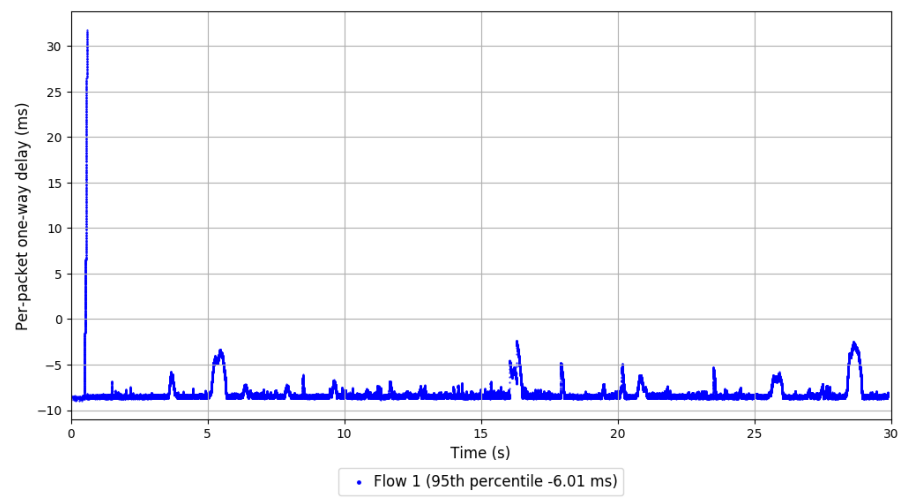
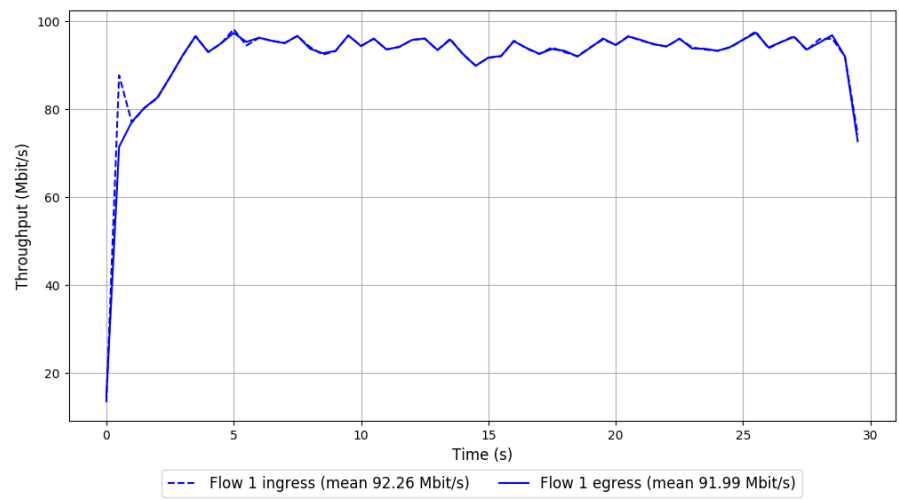


Run 5: Statistics of PCC

Start at: 2018-02-13 02:53:12
End at: 2018-02-13 02:53:42
Local clock offset: 5.364 ms
Remote clock offset: -12.657 ms

Below is generated by plot.py at 2018-02-13 05:21:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.99 Mbit/s
95th percentile per-packet one-way delay: -6.006 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 91.99 Mbit/s
95th percentile per-packet one-way delay: -6.006 ms
Loss rate: 0.29%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2018-02-13 03:14:25

End at: 2018-02-13 03:14:55

Local clock offset: 1.503 ms

Remote clock offset: -7.69 ms

Below is generated by plot.py at 2018-02-13 05:21:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.47 Mbit/s

95th percentile per-packet one-way delay: -1.808 ms

Loss rate: 0.31%

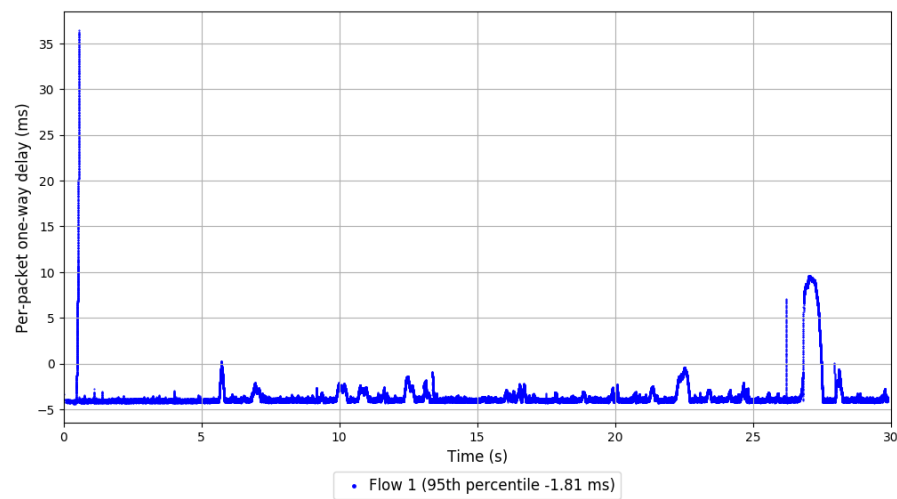
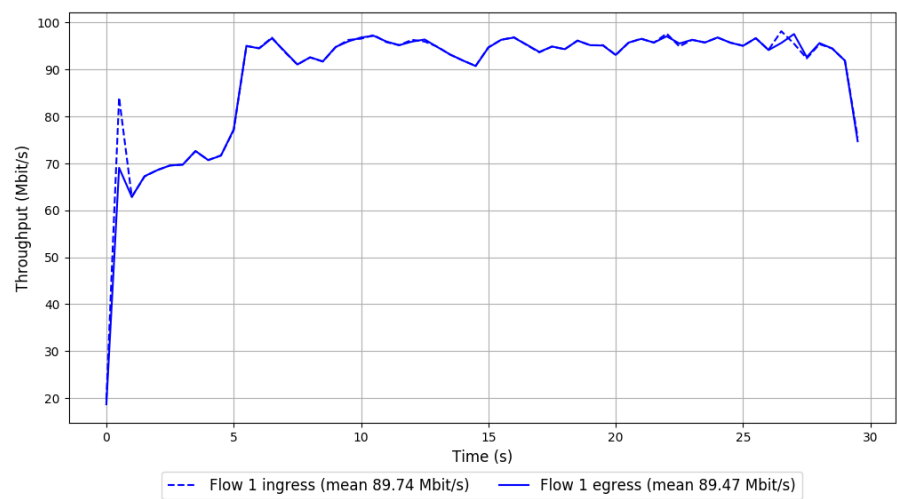
-- Flow 1:

Average throughput: 89.47 Mbit/s

95th percentile per-packet one-way delay: -1.808 ms

Loss rate: 0.31%

Run 6: Report of PCC — Data Link

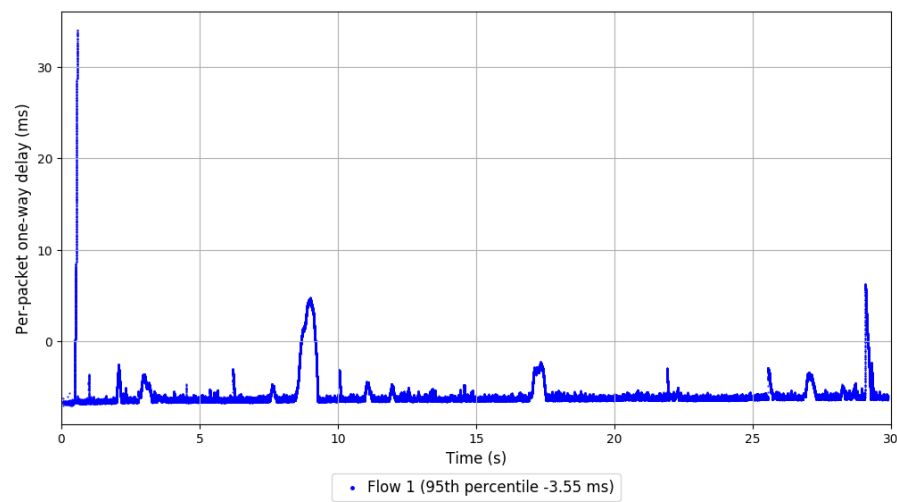
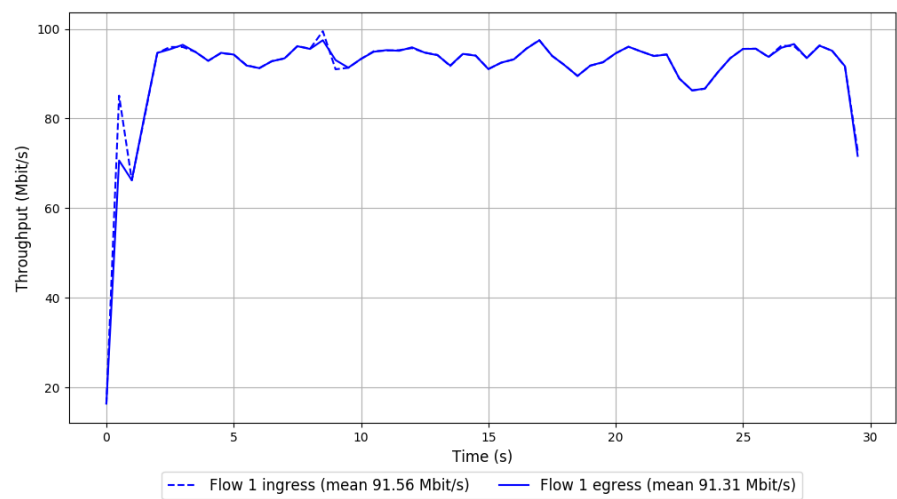


Run 7: Statistics of PCC

Start at: 2018-02-13 03:35:37
End at: 2018-02-13 03:36:07
Local clock offset: 3.116 ms
Remote clock offset: -13.49 ms

Below is generated by plot.py at 2018-02-13 05:21:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.31 Mbit/s
95th percentile per-packet one-way delay: -3.554 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 91.31 Mbit/s
95th percentile per-packet one-way delay: -3.554 ms
Loss rate: 0.28%

Run 7: Report of PCC — Data Link

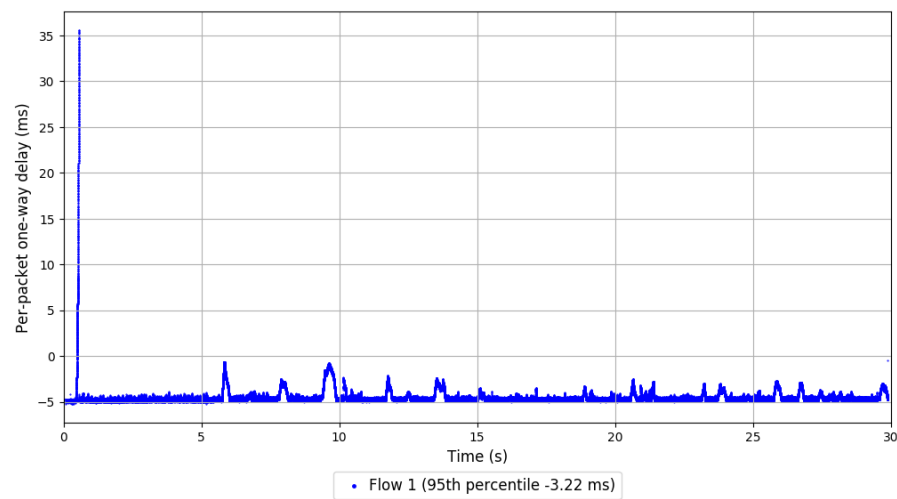
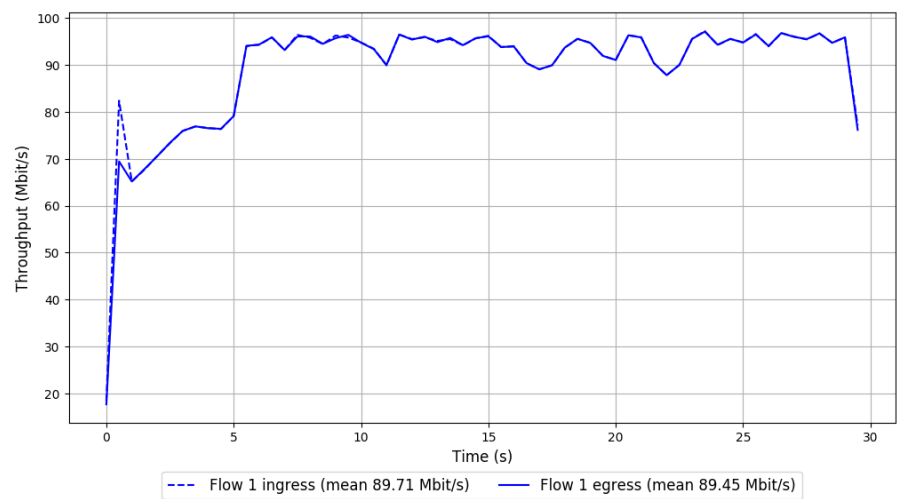


Run 8: Statistics of PCC

Start at: 2018-02-13 03:57:01
End at: 2018-02-13 03:57:31
Local clock offset: 2.617 ms
Remote clock offset: -21.694 ms

Below is generated by plot.py at 2018-02-13 05:22:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.45 Mbit/s
95th percentile per-packet one-way delay: -3.219 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 89.45 Mbit/s
95th percentile per-packet one-way delay: -3.219 ms
Loss rate: 0.27%

Run 8: Report of PCC — Data Link

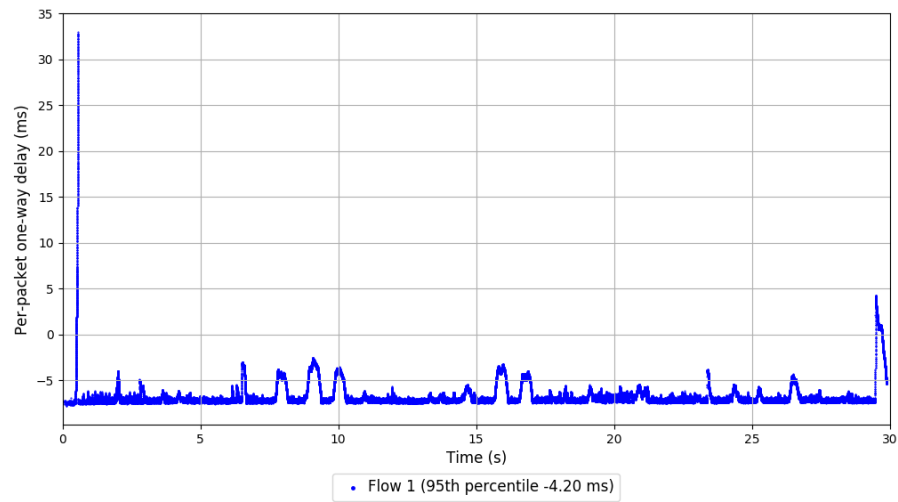
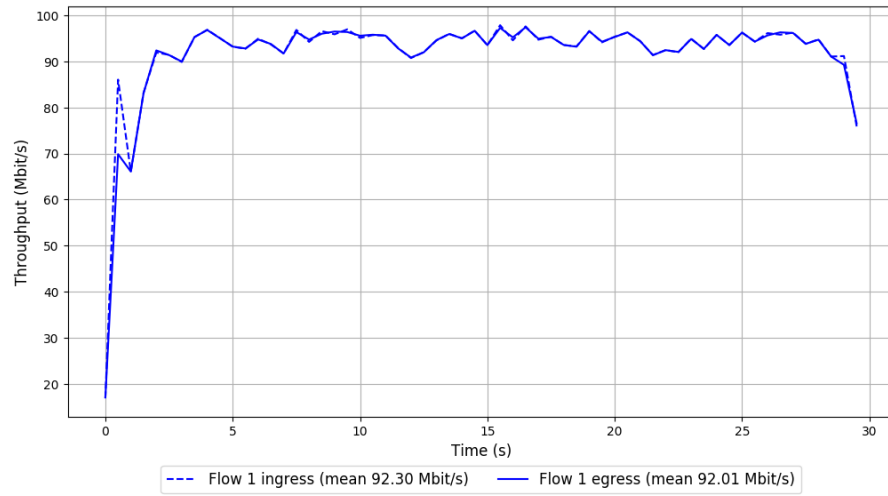


Run 9: Statistics of PCC

Start at: 2018-02-13 04:17:57
End at: 2018-02-13 04:18:27
Local clock offset: 3.803 ms
Remote clock offset: -26.792 ms

Below is generated by plot.py at 2018-02-13 05:22:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.01 Mbit/s
95th percentile per-packet one-way delay: -4.201 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 92.01 Mbit/s
95th percentile per-packet one-way delay: -4.201 ms
Loss rate: 0.31%

Run 9: Report of PCC — Data Link

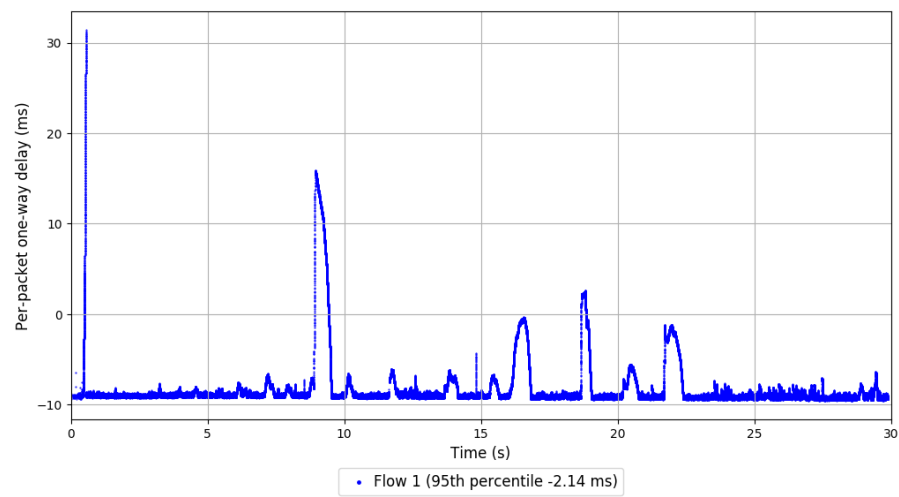
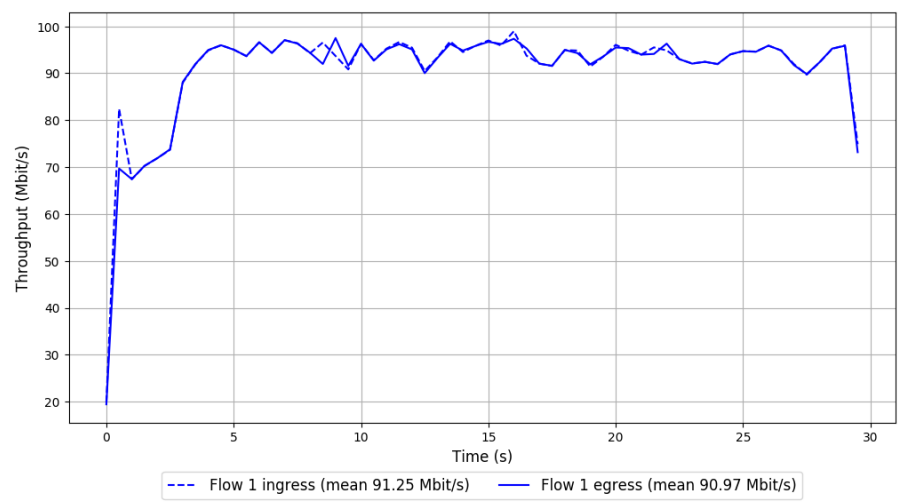


Run 10: Statistics of PCC

Start at: 2018-02-13 04:39:50
End at: 2018-02-13 04:40:20
Local clock offset: 4.094 ms
Remote clock offset: -30.202 ms

Below is generated by plot.py at 2018-02-13 05:22:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.97 Mbit/s
95th percentile per-packet one-way delay: -2.139 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 90.97 Mbit/s
95th percentile per-packet one-way delay: -2.139 ms
Loss rate: 0.30%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-02-13 01:25:21

End at: 2018-02-13 01:25:51

Local clock offset: 0.988 ms

Remote clock offset: -20.642 ms

Below is generated by plot.py at 2018-02-13 05:22:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.98 Mbit/s

95th percentile per-packet one-way delay: -4.699 ms

Loss rate: 0.00%

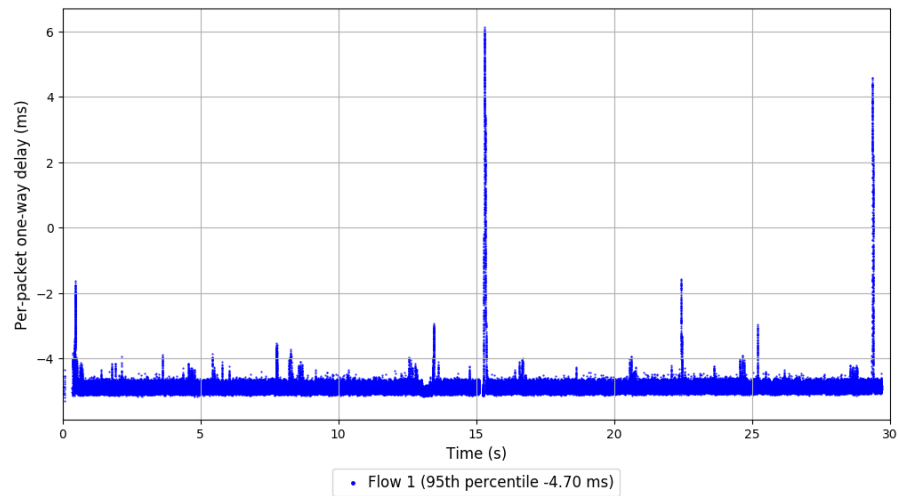
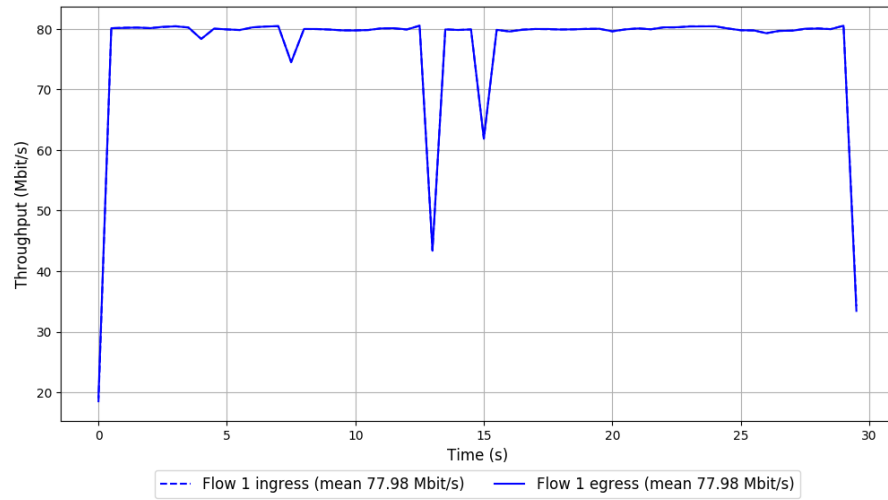
-- Flow 1:

Average throughput: 77.98 Mbit/s

95th percentile per-packet one-way delay: -4.699 ms

Loss rate: 0.00%

Run 1: Report of QUIC Cubic — Data Link

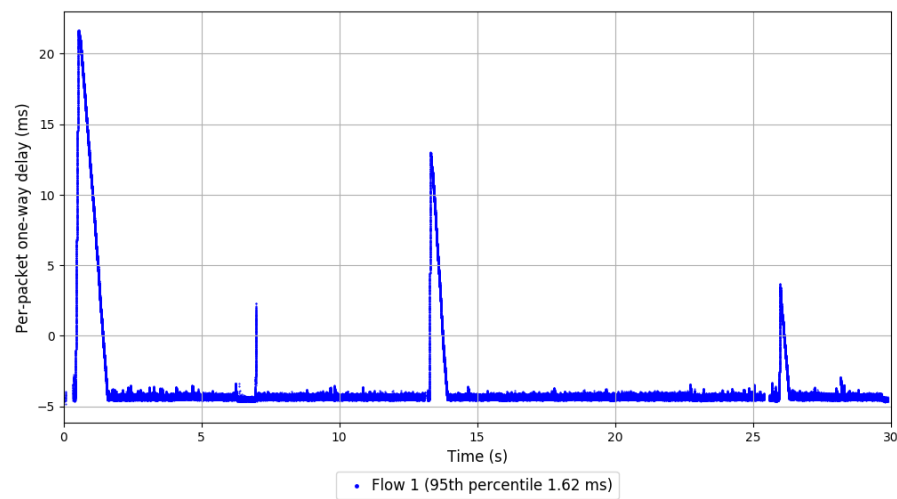
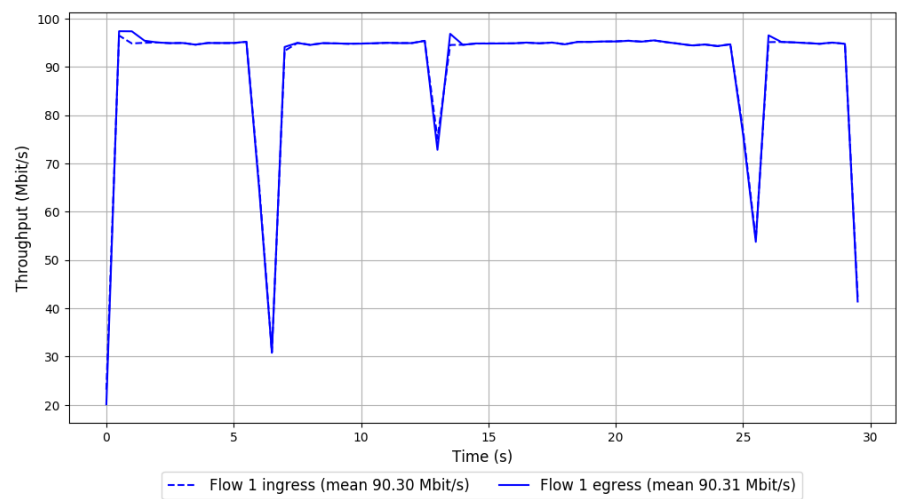


Run 2: Statistics of QUIC Cubic

Start at: 2018-02-13 01:46:29
End at: 2018-02-13 01:46:59
Local clock offset: 0.459 ms
Remote clock offset: -22.241 ms

Below is generated by plot.py at 2018-02-13 05:23:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.31 Mbit/s
95th percentile per-packet one-way delay: 1.623 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.31 Mbit/s
95th percentile per-packet one-way delay: 1.623 ms
Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link

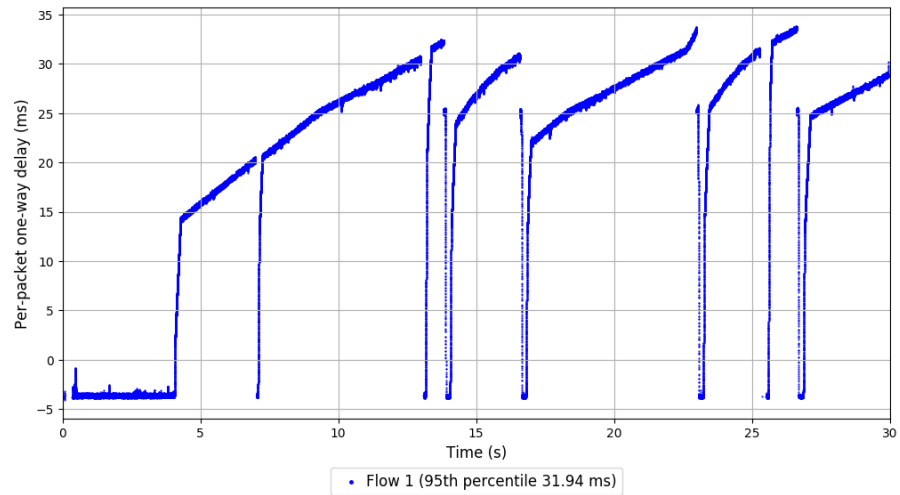
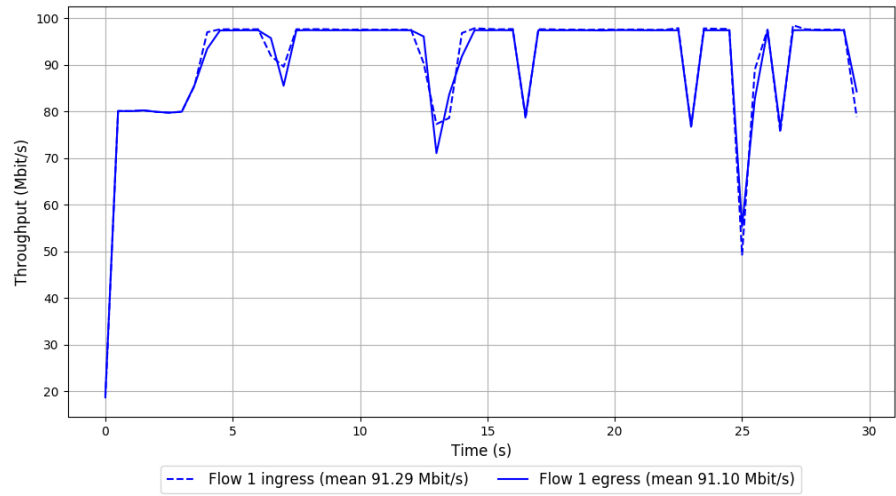


Run 3: Statistics of QUIC Cubic

Start at: 2018-02-13 02:07:24
End at: 2018-02-13 02:07:54
Local clock offset: 1.077 ms
Remote clock offset: -19.384 ms

Below is generated by plot.py at 2018-02-13 05:23:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.10 Mbit/s
95th percentile per-packet one-way delay: 31.939 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 91.10 Mbit/s
95th percentile per-packet one-way delay: 31.939 ms
Loss rate: 0.11%

Run 3: Report of QUIC Cubic — Data Link

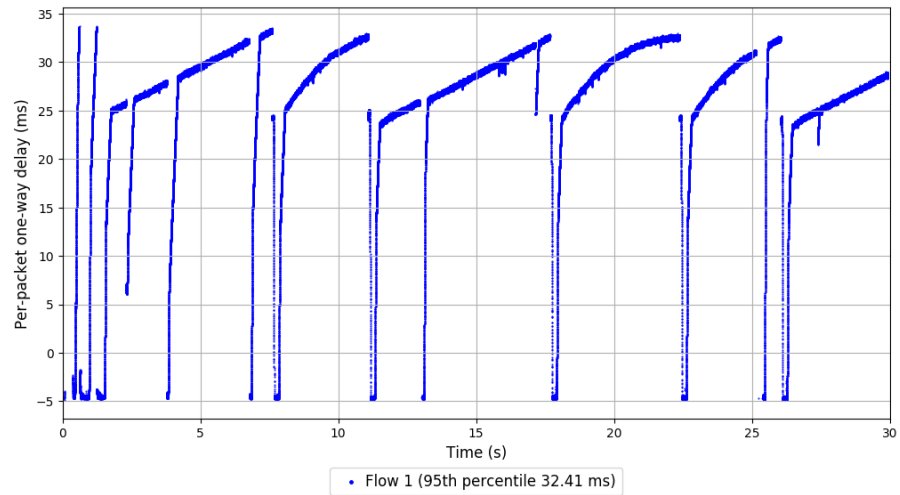
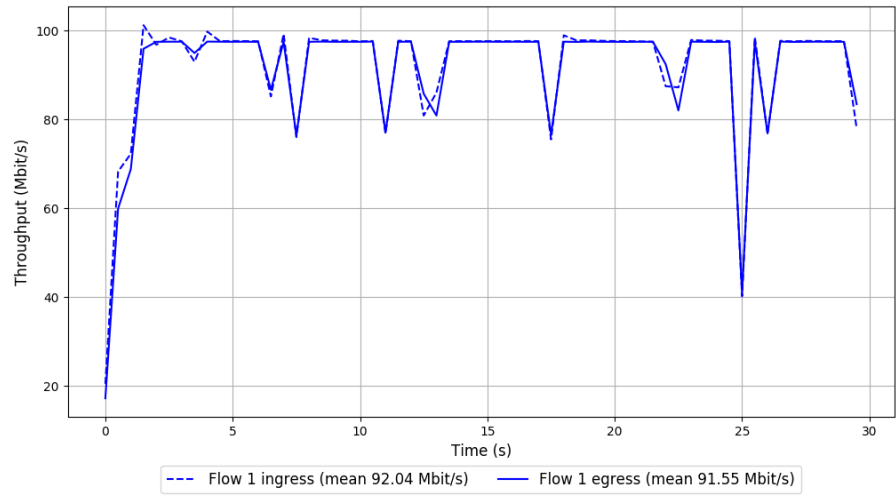


Run 4: Statistics of QUIC Cubic

Start at: 2018-02-13 02:28:33
End at: 2018-02-13 02:29:03
Local clock offset: 2.621 ms
Remote clock offset: -15.769 ms

Below is generated by plot.py at 2018-02-13 05:23:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 32.406 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 32.406 ms
Loss rate: 0.43%

Run 4: Report of QUIC Cubic — Data Link

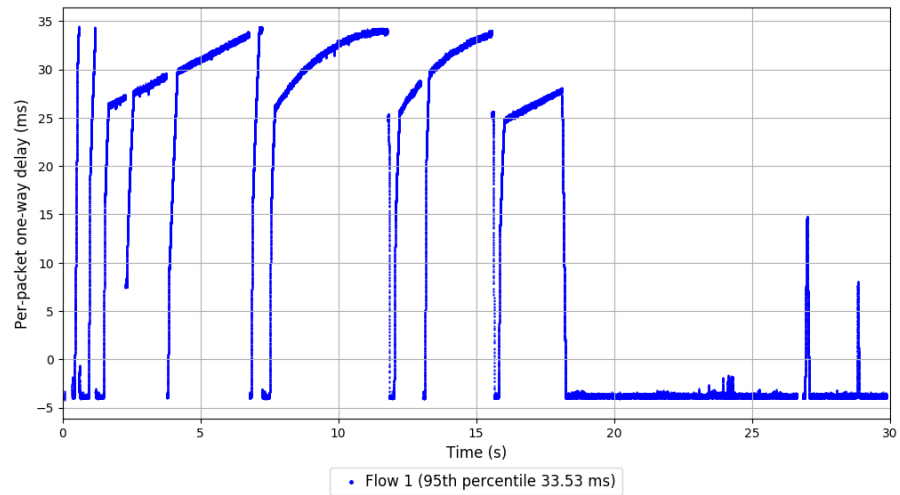
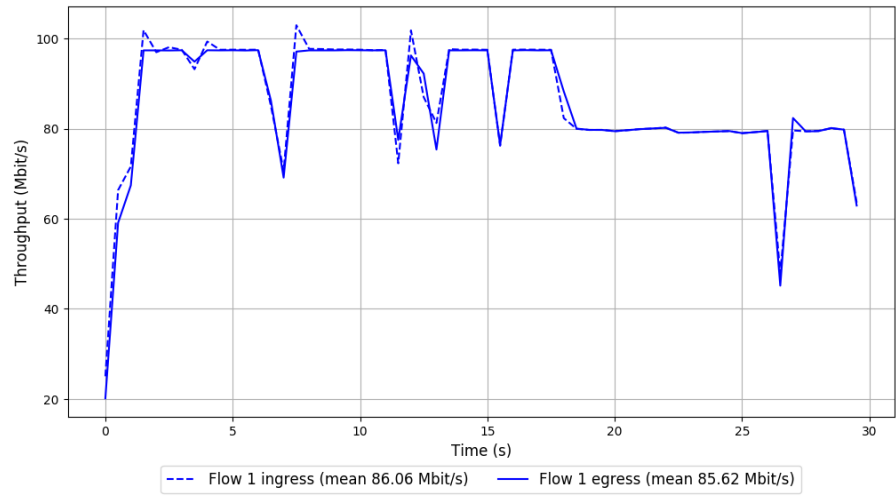


Run 5: Statistics of QUIC Cubic

Start at: 2018-02-13 02:49:38
End at: 2018-02-13 02:50:08
Local clock offset: 1.04 ms
Remote clock offset: -12.393 ms

Below is generated by plot.py at 2018-02-13 05:23:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.62 Mbit/s
95th percentile per-packet one-way delay: 33.532 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 85.62 Mbit/s
95th percentile per-packet one-way delay: 33.532 ms
Loss rate: 0.51%

Run 5: Report of QUIC Cubic — Data Link

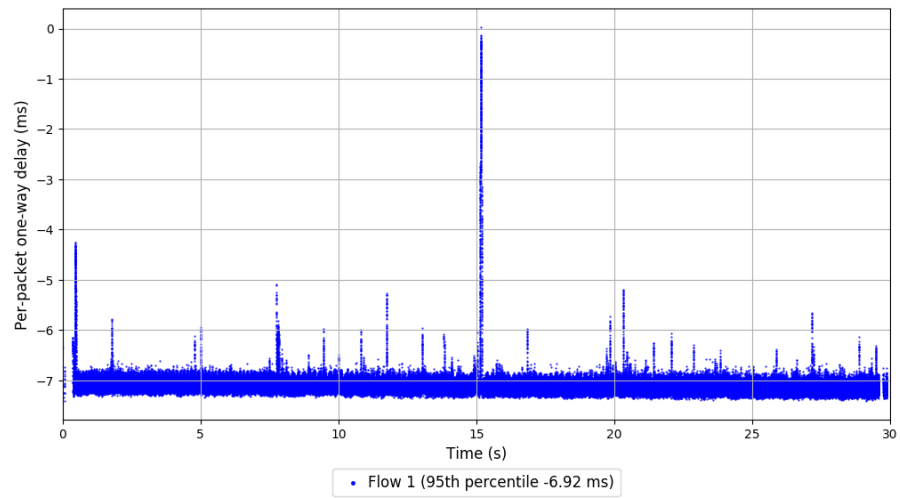
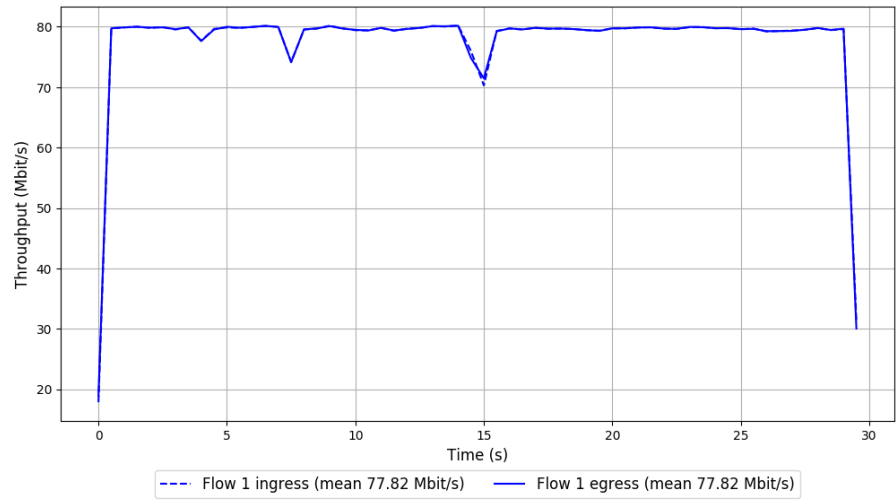


Run 6: Statistics of QUIC Cubic

Start at: 2018-02-13 03:10:51
End at: 2018-02-13 03:11:21
Local clock offset: 3.521 ms
Remote clock offset: -9.059 ms

Below is generated by plot.py at 2018-02-13 05:23:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 77.82 Mbit/s
95th percentile per-packet one-way delay: -6.925 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 77.82 Mbit/s
95th percentile per-packet one-way delay: -6.925 ms
Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link

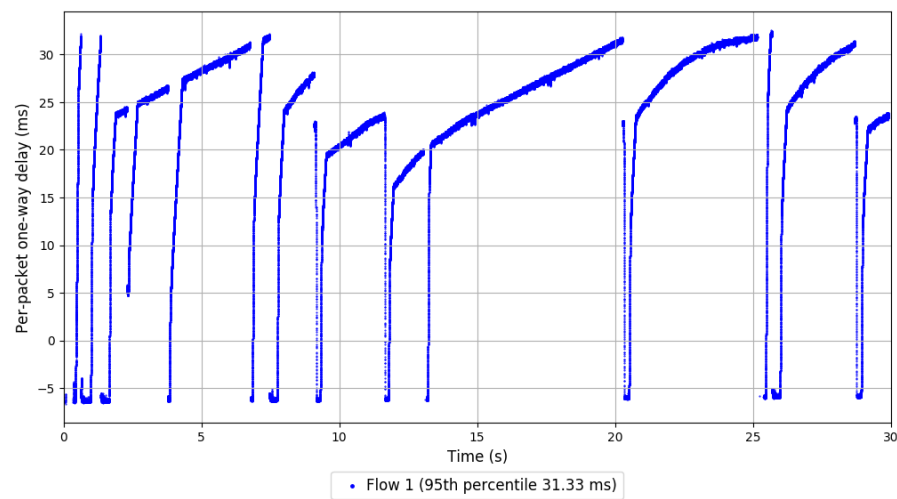
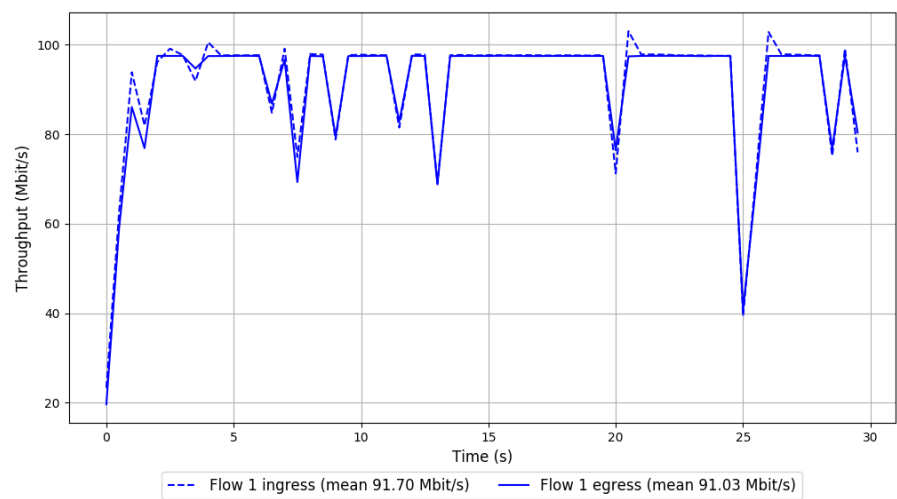


Run 7: Statistics of QUIC Cubic

Start at: 2018-02-13 03:31:51
End at: 2018-02-13 03:32:21
Local clock offset: 4.741 ms
Remote clock offset: -7.854 ms

Below is generated by plot.py at 2018-02-13 05:23:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.03 Mbit/s
95th percentile per-packet one-way delay: 31.332 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 91.03 Mbit/s
95th percentile per-packet one-way delay: 31.332 ms
Loss rate: 0.63%

Run 7: Report of QUIC Cubic — Data Link

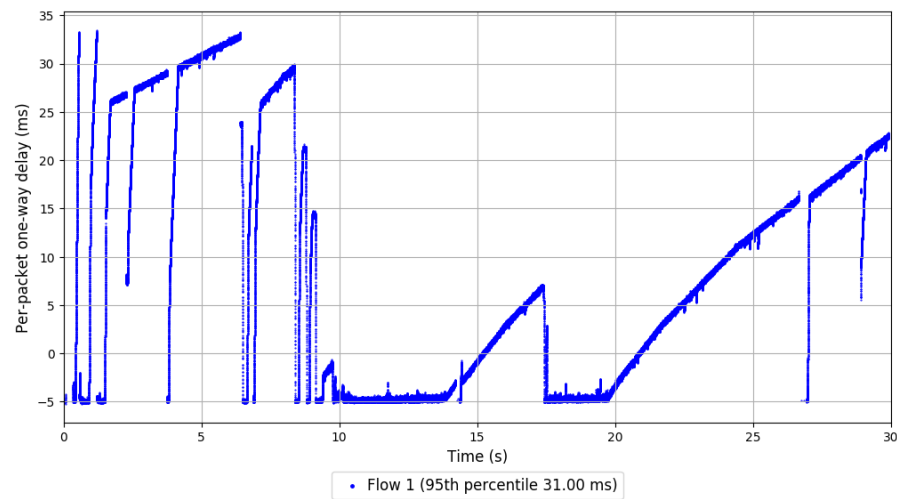
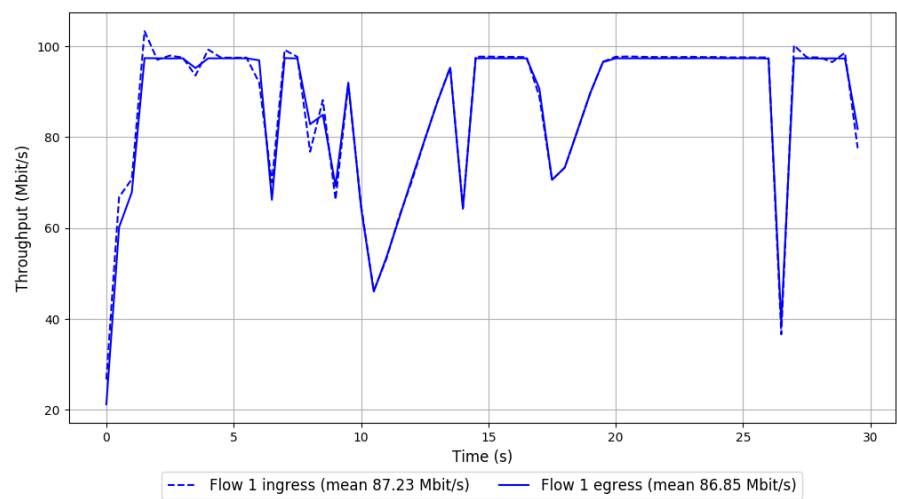


Run 8: Statistics of QUIC Cubic

Start at: 2018-02-13 03:53:28
End at: 2018-02-13 03:53:58
Local clock offset: 1.787 ms
Remote clock offset: -21.591 ms

Below is generated by plot.py at 2018-02-13 05:23:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.85 Mbit/s
95th percentile per-packet one-way delay: 30.996 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 86.85 Mbit/s
95th percentile per-packet one-way delay: 30.996 ms
Loss rate: 0.35%

Run 8: Report of QUIC Cubic — Data Link

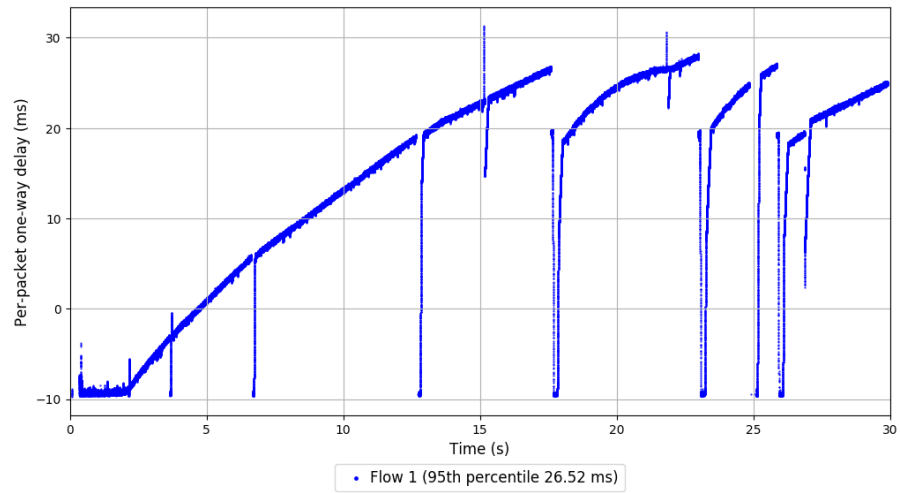
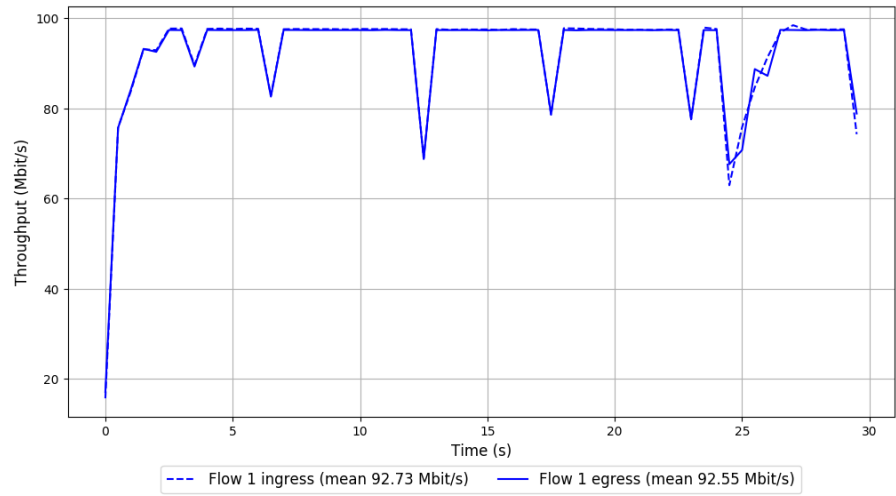


Run 9: Statistics of QUIC Cubic

Start at: 2018-02-13 04:14:19
End at: 2018-02-13 04:14:49
Local clock offset: 5.436 ms
Remote clock offset: -26.748 ms

Below is generated by plot.py at 2018-02-13 05:24:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.55 Mbit/s
95th percentile per-packet one-way delay: 26.523 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 92.55 Mbit/s
95th percentile per-packet one-way delay: 26.523 ms
Loss rate: 0.09%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-13 04:36:01

End at: 2018-02-13 04:36:31

Local clock offset: 4.005 ms

Remote clock offset: -30.119 ms

Below is generated by plot.py at 2018-02-13 05:24:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.58 Mbit/s

95th percentile per-packet one-way delay: 24.559 ms

Loss rate: 0.32%

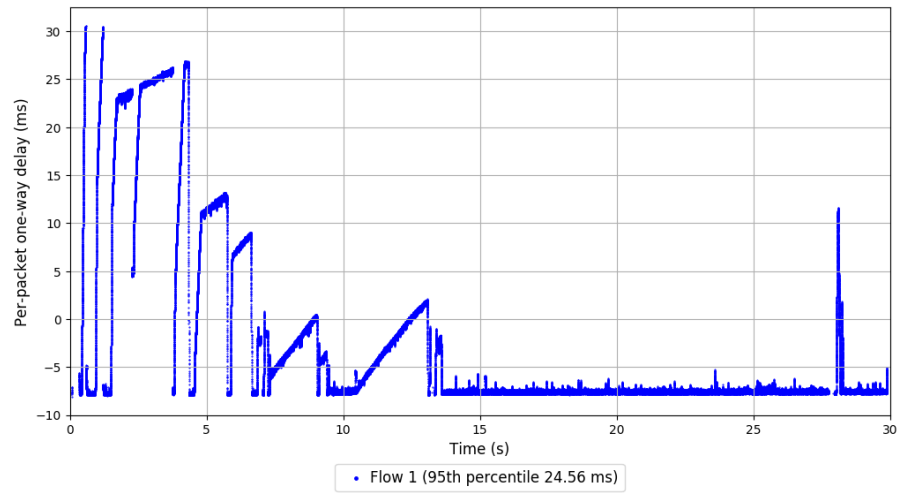
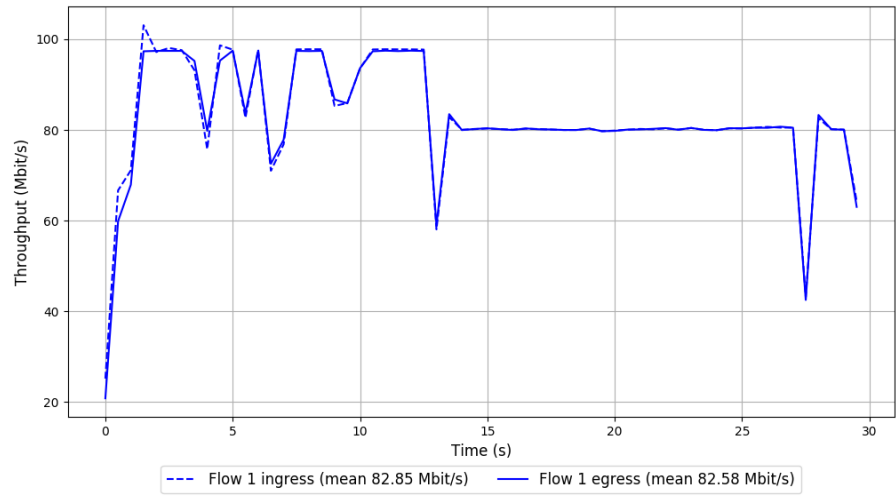
-- Flow 1:

Average throughput: 82.58 Mbit/s

95th percentile per-packet one-way delay: 24.559 ms

Loss rate: 0.32%

Run 10: Report of QUIC Cubic — Data Link

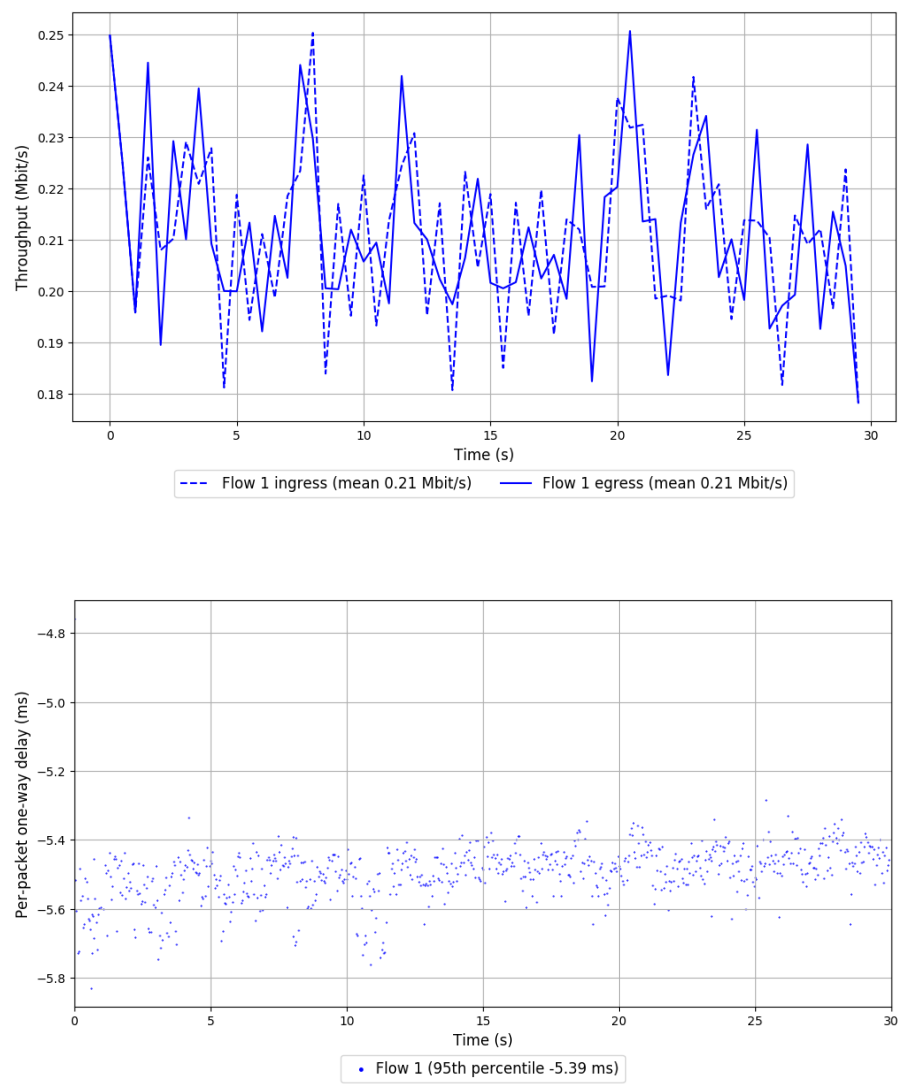


Run 1: Statistics of SCReAM

Start at: 2018-02-13 01:21:59
End at: 2018-02-13 01:22:29
Local clock offset: 2.532 ms
Remote clock offset: -19.189 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -5.395 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -5.395 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

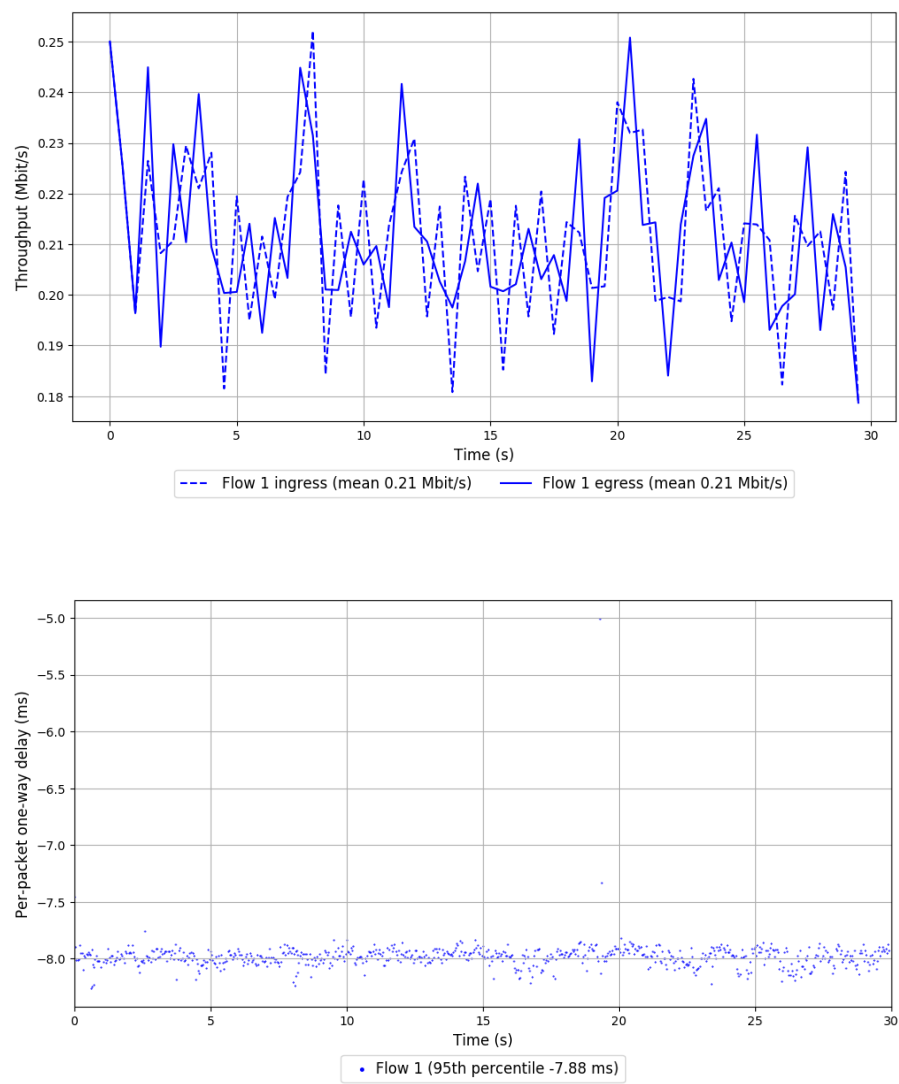


Run 2: Statistics of SCReAM

Start at: 2018-02-13 01:43:07
End at: 2018-02-13 01:43:37
Local clock offset: 5.329 ms
Remote clock offset: -20.668 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -7.878 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -7.878 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

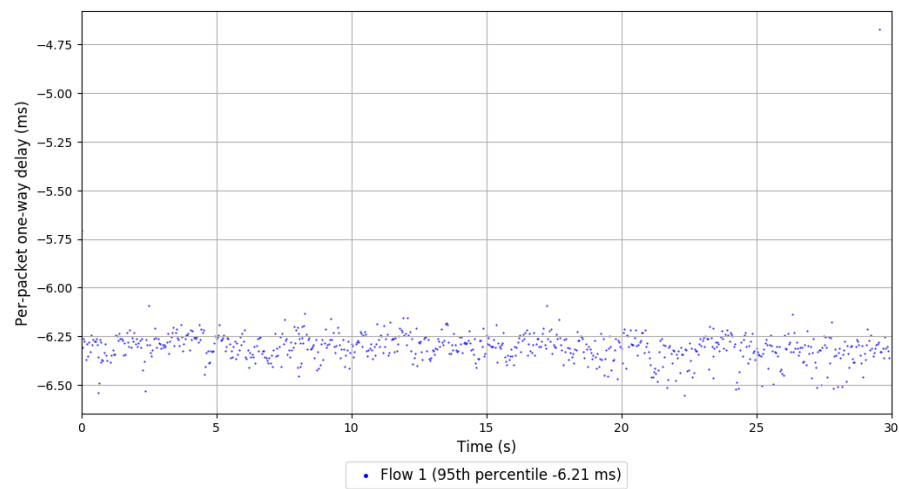
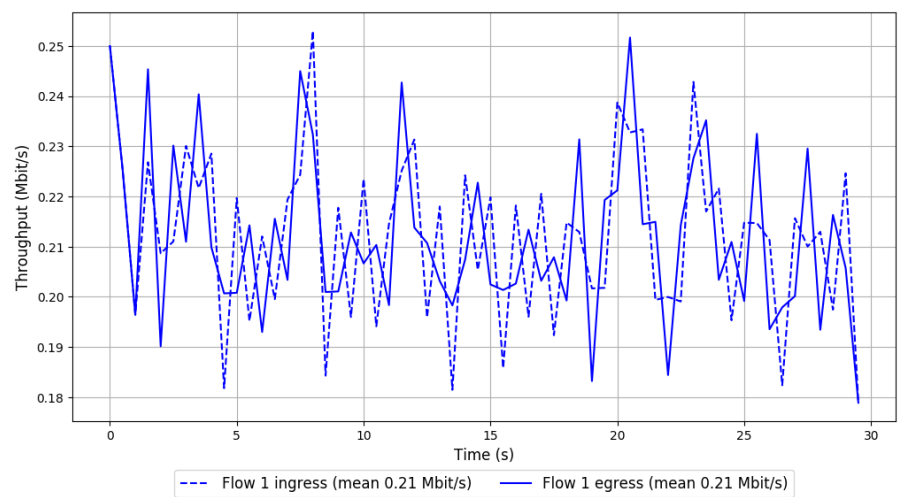


Run 3: Statistics of SCReAM

Start at: 2018-02-13 02:04:02
End at: 2018-02-13 02:04:32
Local clock offset: 2.996 ms
Remote clock offset: -19.805 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.214 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -6.214 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

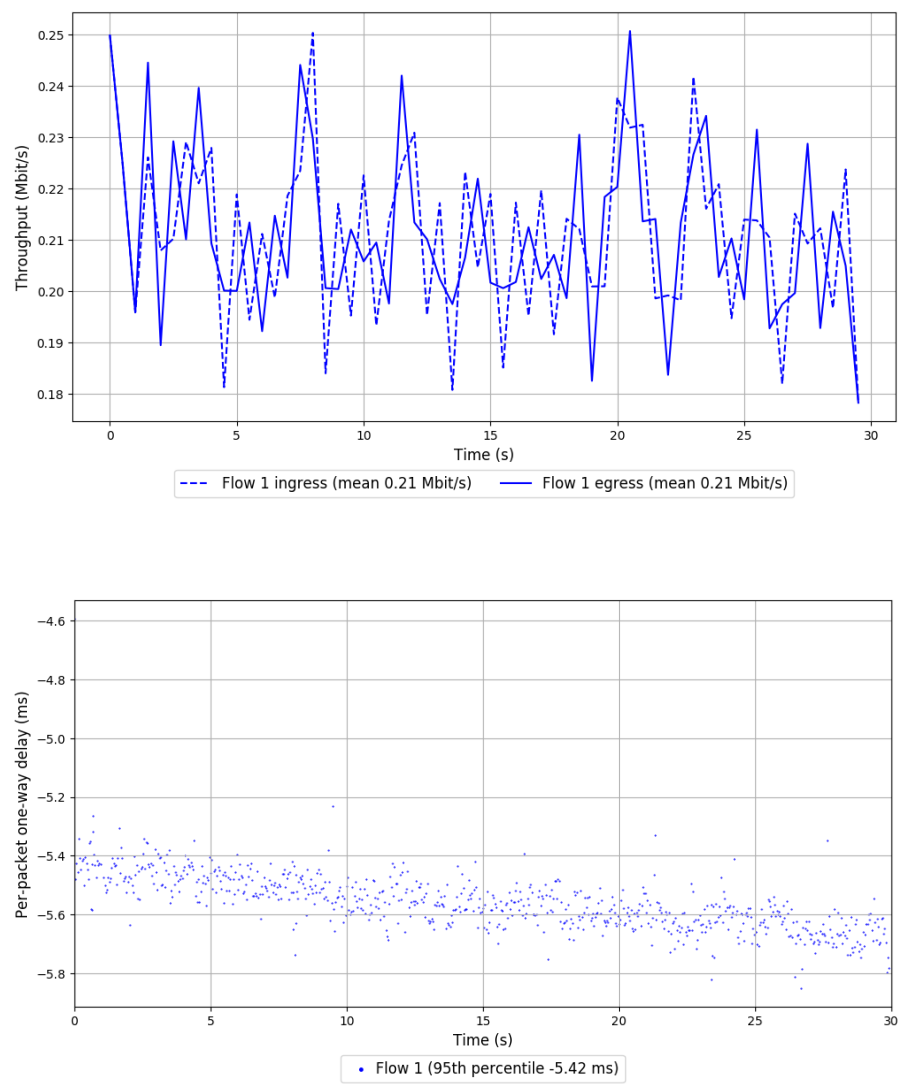


Run 4: Statistics of SReAM

Start at: 2018-02-13 02:25:08
End at: 2018-02-13 02:25:38
Local clock offset: 2.78 ms
Remote clock offset: -17.614 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -5.416 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -5.416 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

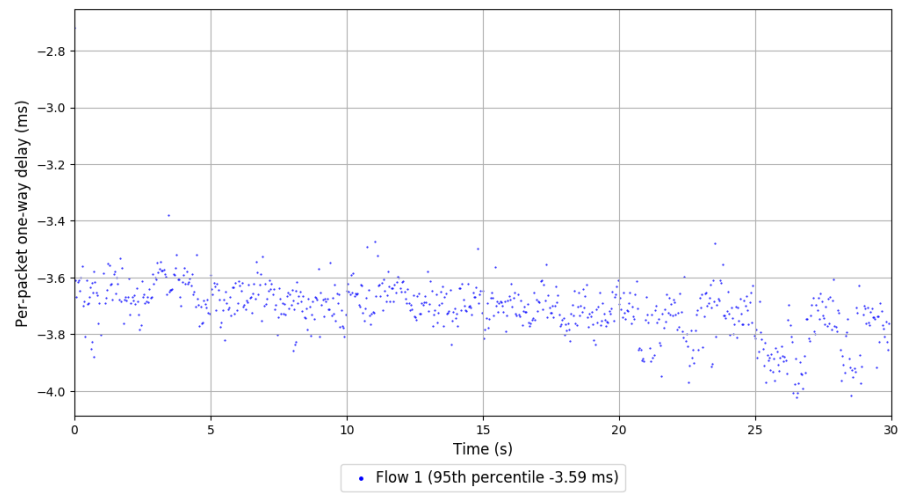
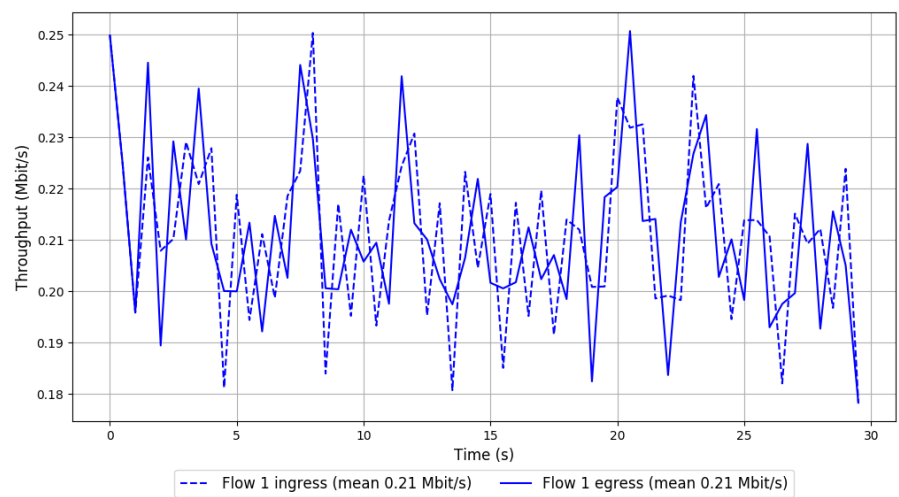


Run 5: Statistics of SCReAM

Start at: 2018-02-13 02:46:16
End at: 2018-02-13 02:46:46
Local clock offset: 1.487 ms
Remote clock offset: -12.178 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -3.587 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -3.587 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

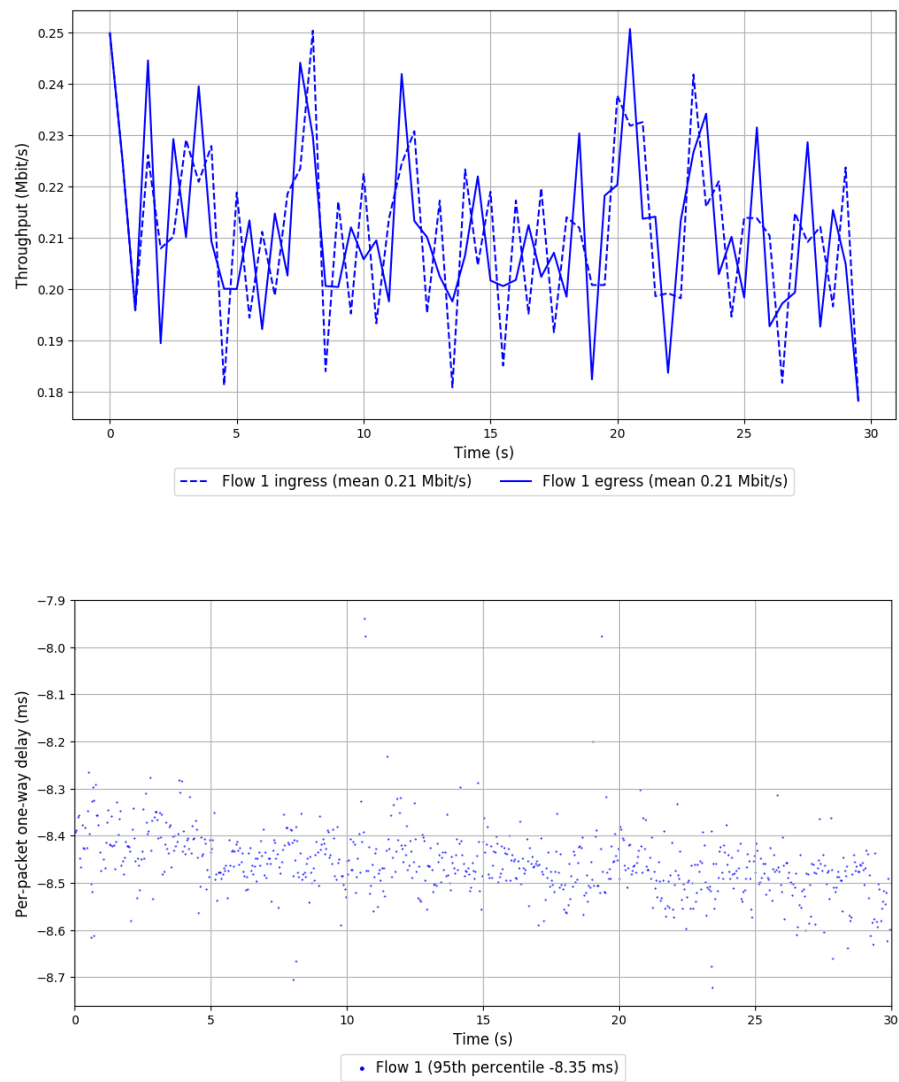


Run 6: Statistics of SCReAM

Start at: 2018-02-13 03:07:28
End at: 2018-02-13 03:07:58
Local clock offset: 3.87 ms
Remote clock offset: -10.604 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -8.351 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -8.351 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2018-02-13 03:28:29

End at: 2018-02-13 03:28:59

Local clock offset: 2.313 ms

Remote clock offset: -7.77 ms

Below is generated by plot.py at 2018-02-13 05:24:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -6.244 ms

Loss rate: 0.00%

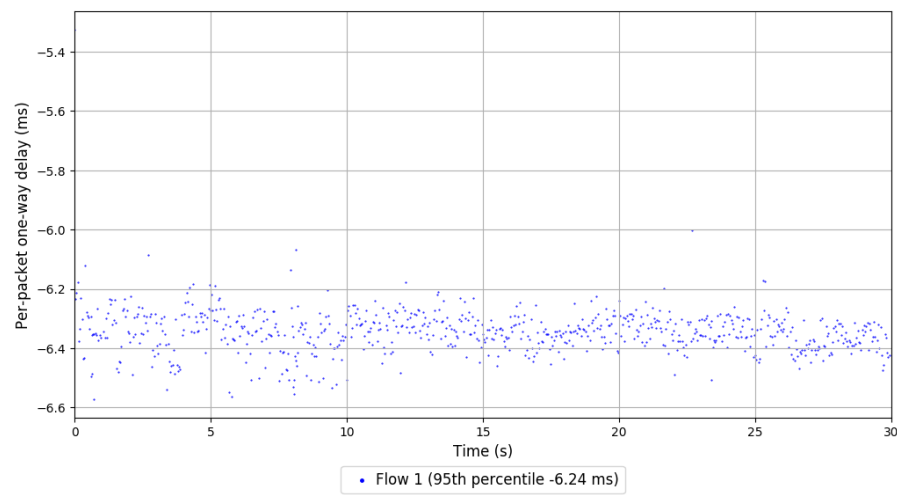
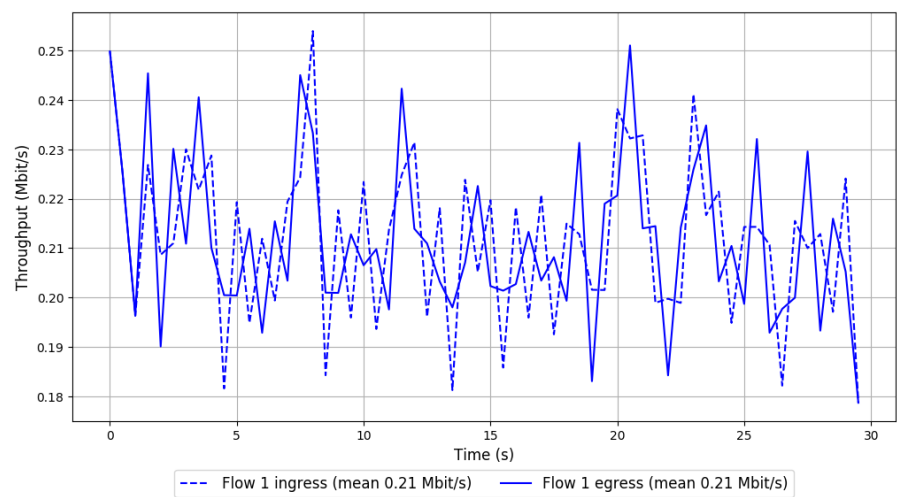
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: -6.244 ms

Loss rate: 0.00%

Run 7: Report of SCRaM — Data Link

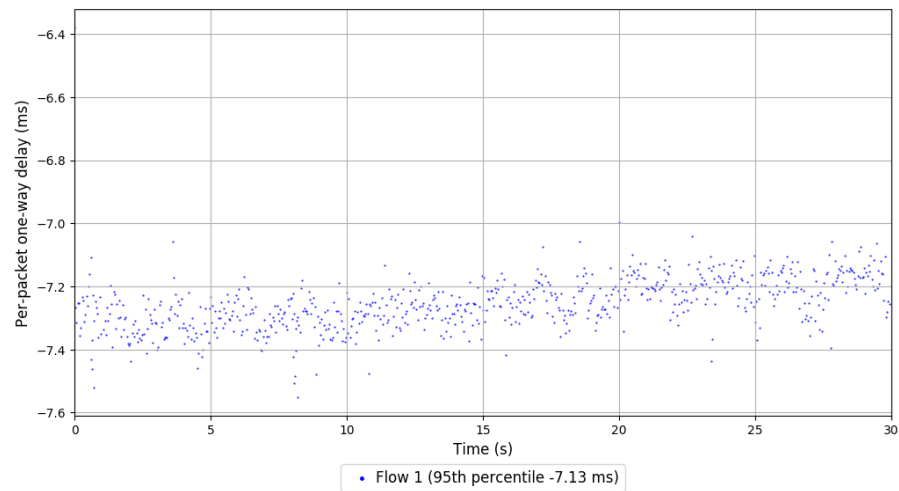
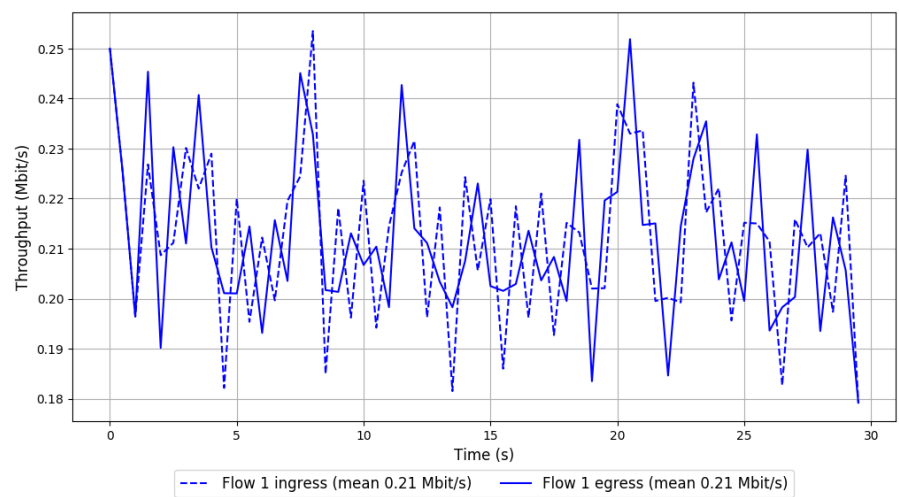


Run 8: Statistics of SCReAM

Start at: 2018-02-13 03:50:04
End at: 2018-02-13 03:50:34
Local clock offset: 4.755 ms
Remote clock offset: -20.001 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -7.135 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -7.135 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

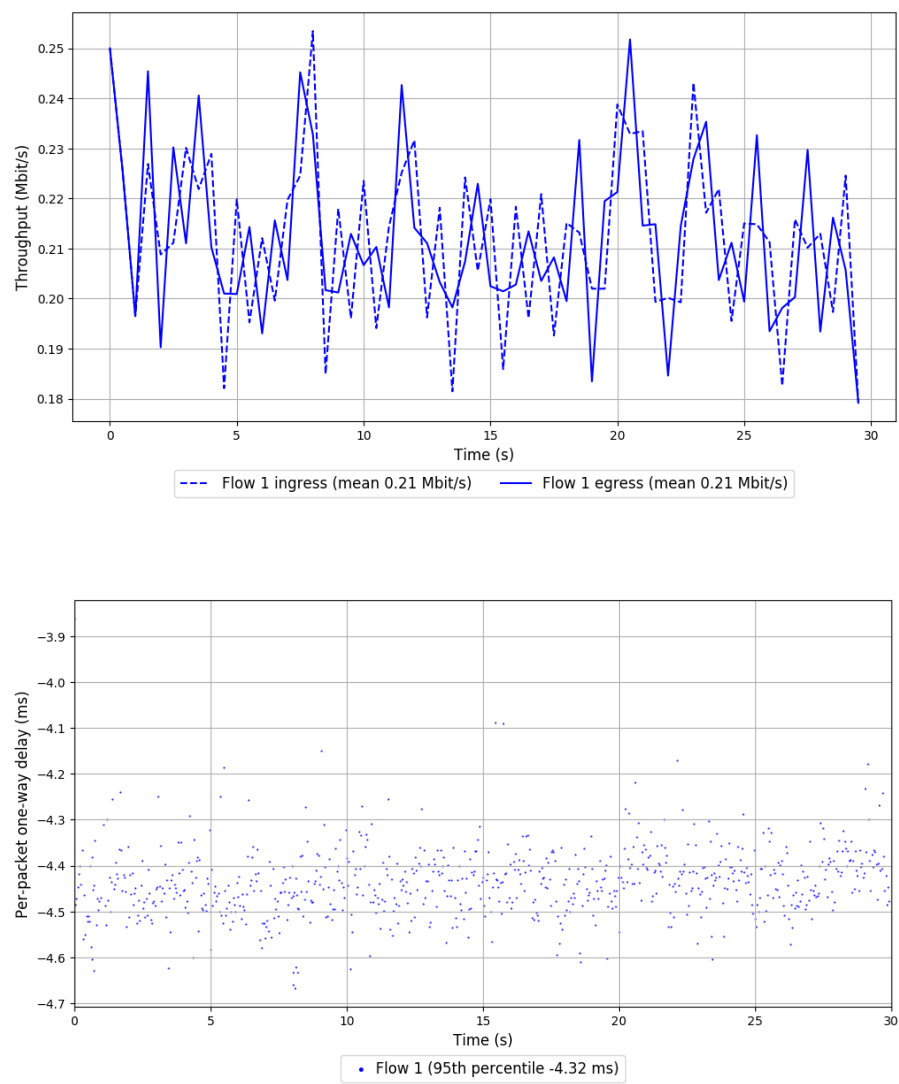


Run 9: Statistics of SCReAM

Start at: 2018-02-13 04:10:59
End at: 2018-02-13 04:11:29
Local clock offset: 2.498 ms
Remote clock offset: -24.273 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -4.322 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -4.322 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

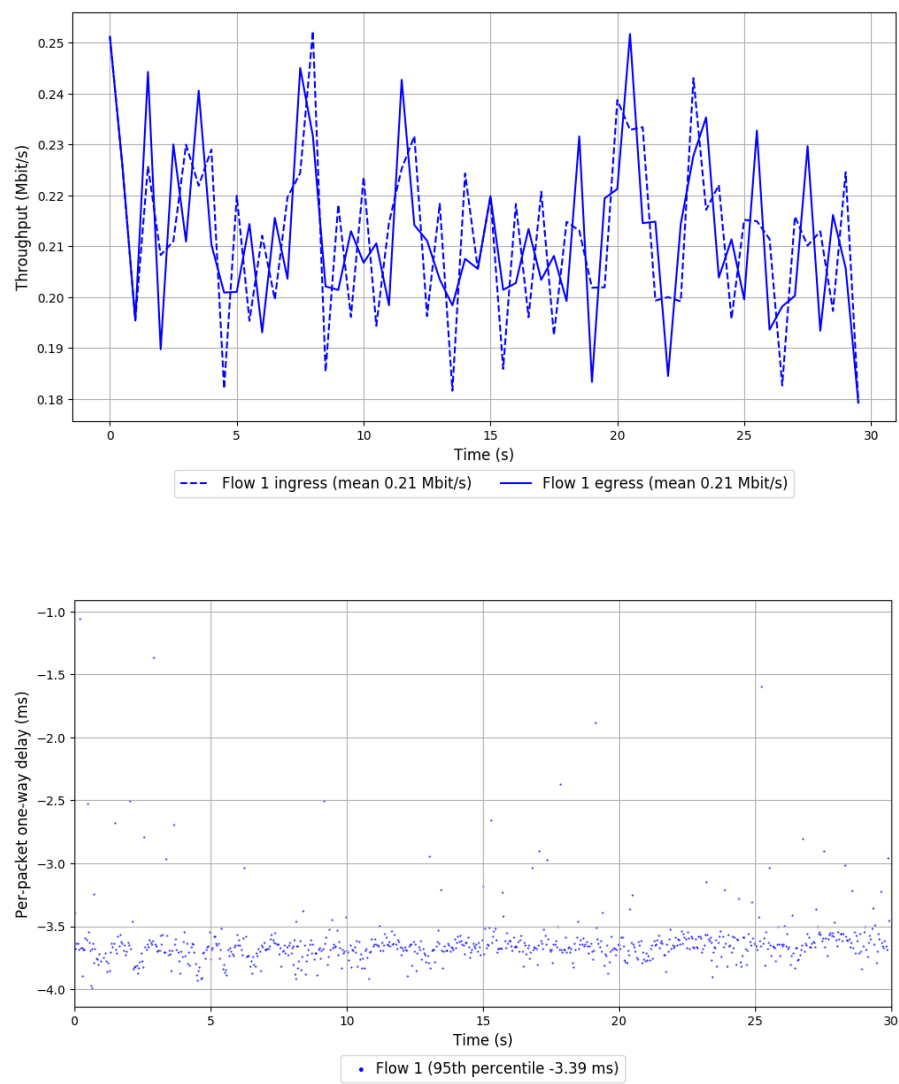


Run 10: Statistics of SCReAM

Start at: 2018-02-13 04:32:36
End at: 2018-02-13 04:33:06
Local clock offset: 2.854 ms
Remote clock offset: -26.562 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -3.388 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: -3.388 ms
Loss rate: 0.00%

Run 10: Report of SCRaM — Data Link

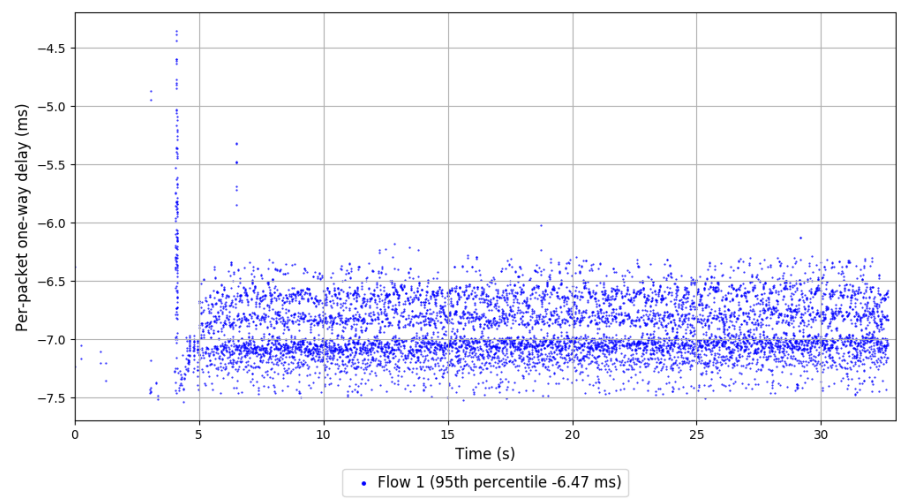
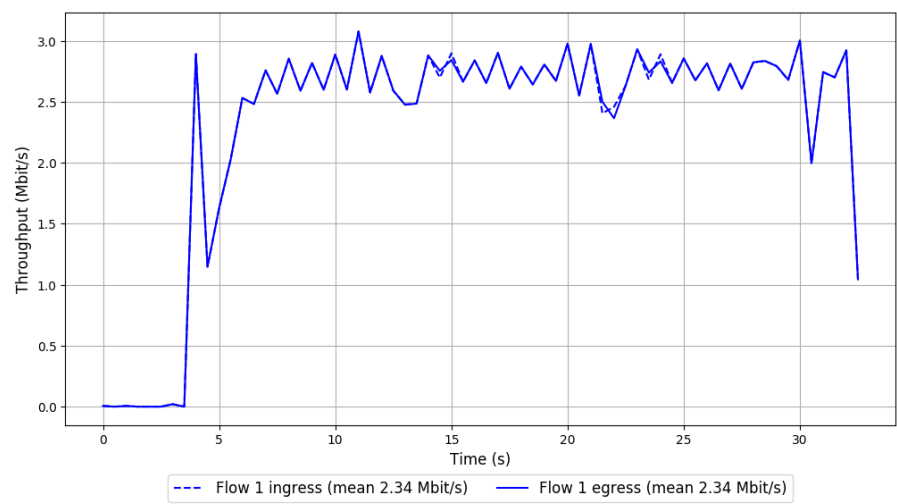


```
Run 1: Statistics of WebRTC media

Start at: 2018-02-13 01:24:16
End at: 2018-02-13 01:24:46
Local clock offset: 3.679 ms
Remote clock offset: -20.052 ms

# Below is generated by plot.py at 2018-02-13 05:24:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -6.471 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -6.471 ms
Loss rate: 0.00%
```


Run 1: Report of WebRTC media — Data Link

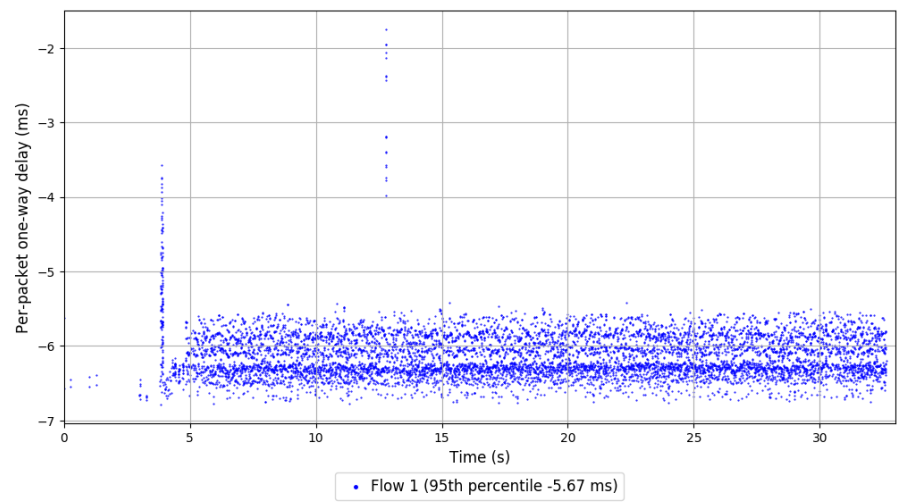
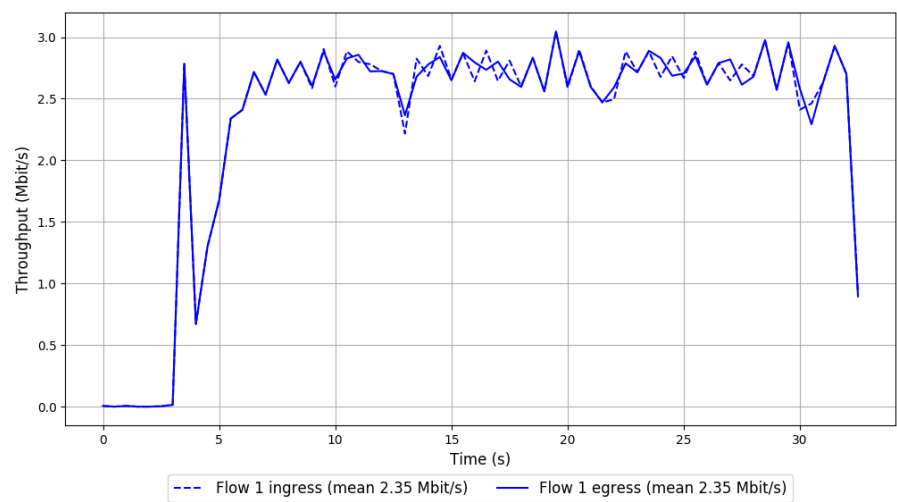


Run 2: Statistics of WebRTC media

Start at: 2018-02-13 01:45:24
End at: 2018-02-13 01:45:54
Local clock offset: 4.185 ms
Remote clock offset: -20.365 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -5.667 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -5.667 ms
Loss rate: 0.01%

Run 2: Report of WebRTC media — Data Link

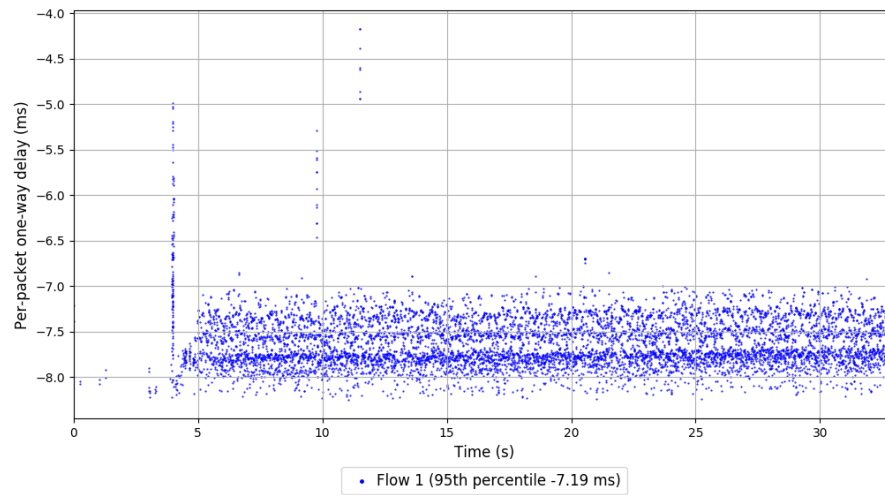
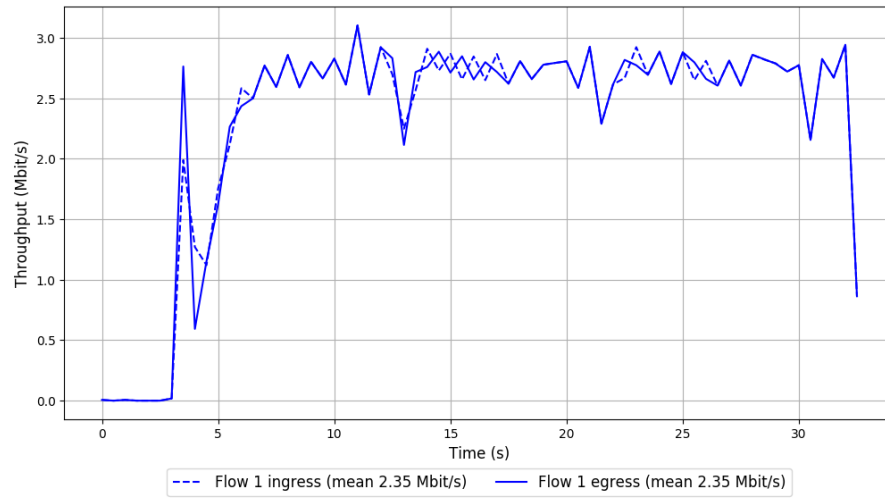


Run 3: Statistics of WebRTC media

Start at: 2018-02-13 02:06:19
End at: 2018-02-13 02:06:49
Local clock offset: 4.533 ms
Remote clock offset: -19.943 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -7.189 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -7.189 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

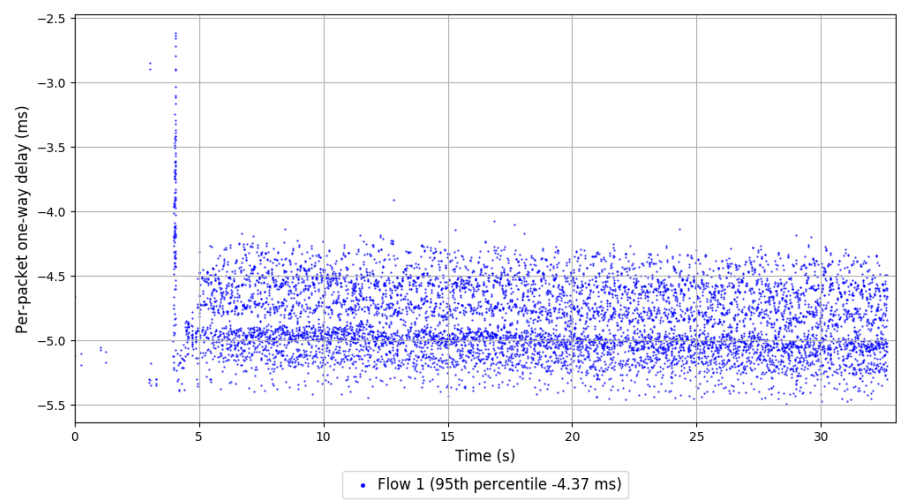
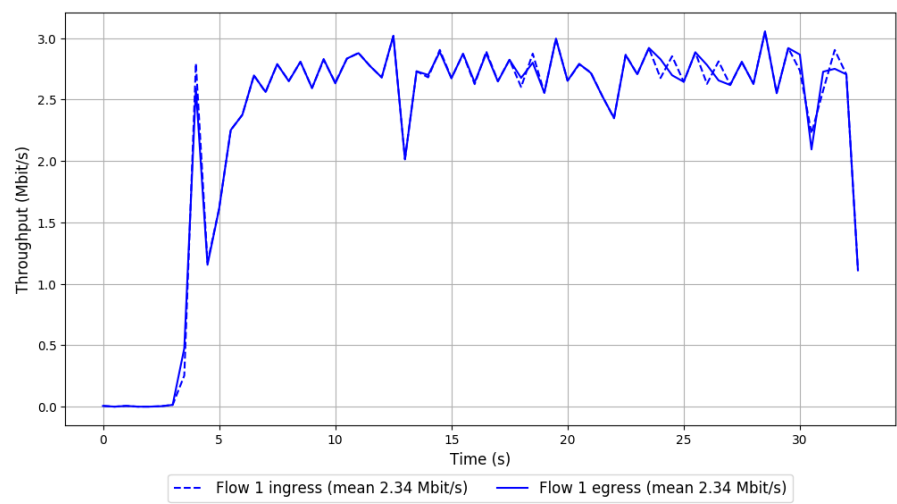


Run 4: Statistics of WebRTC media

Start at: 2018-02-13 02:27:28
End at: 2018-02-13 02:27:58
Local clock offset: 3.201 ms
Remote clock offset: -15.942 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -4.373 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -4.373 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

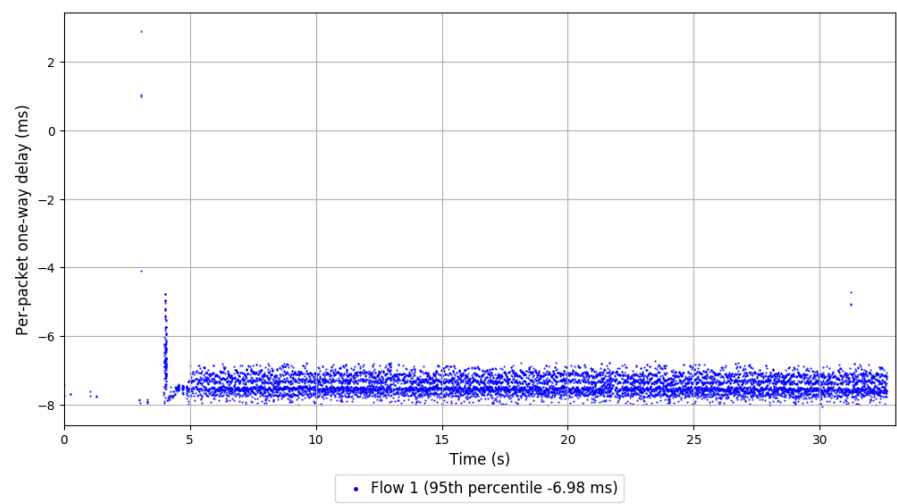
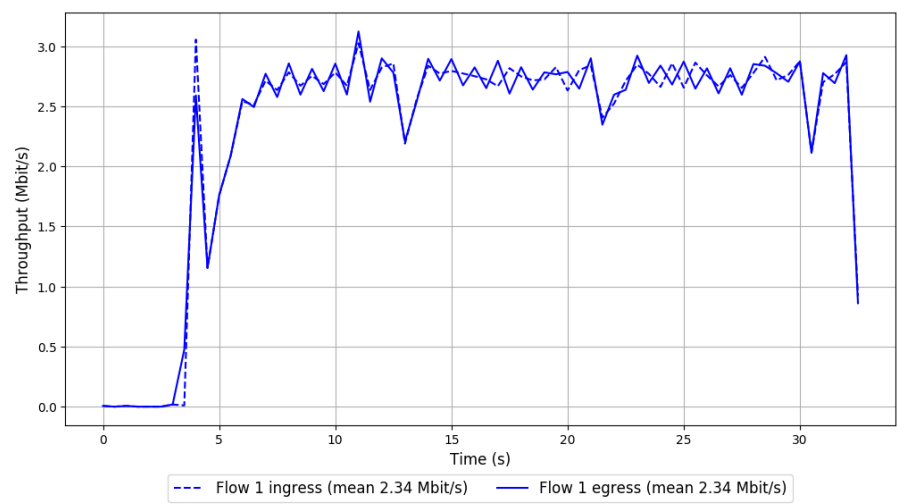


Run 5: Statistics of WebRTC media

Start at: 2018-02-13 02:48:33
End at: 2018-02-13 02:49:03
Local clock offset: 3.307 ms
Remote clock offset: -13.914 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -6.982 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -6.982 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

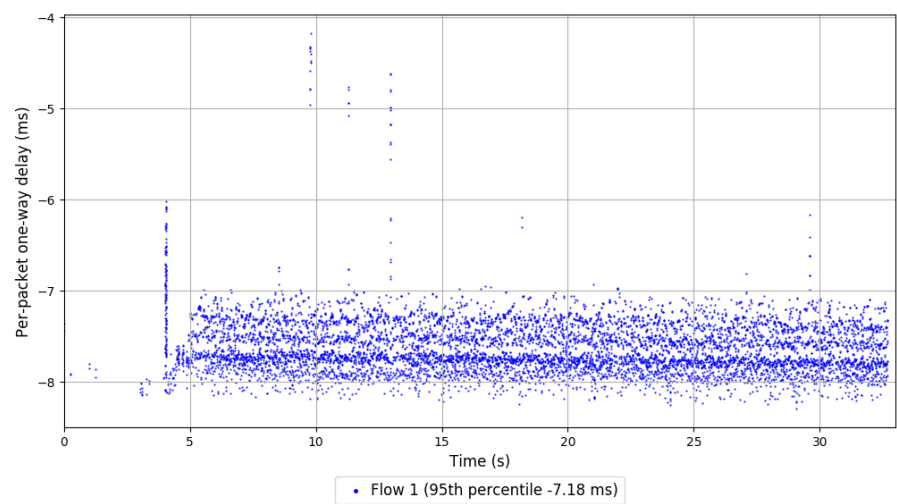
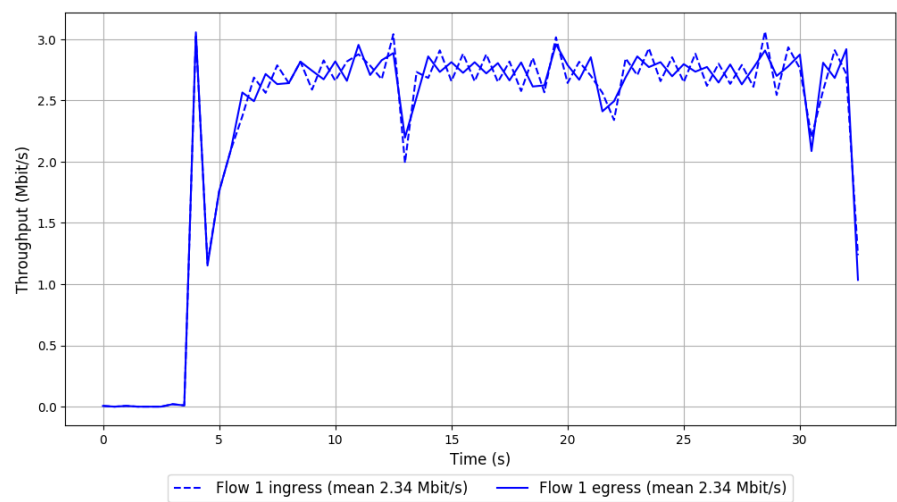


Run 6: Statistics of WebRTC media

Start at: 2018-02-13 03:09:46
End at: 2018-02-13 03:10:16
Local clock offset: 4.644 ms
Remote clock offset: -8.746 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -7.180 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -7.180 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

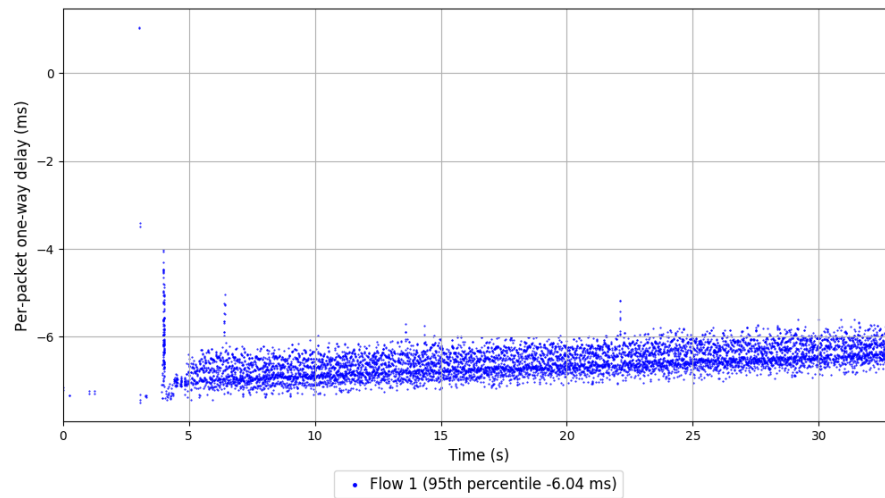
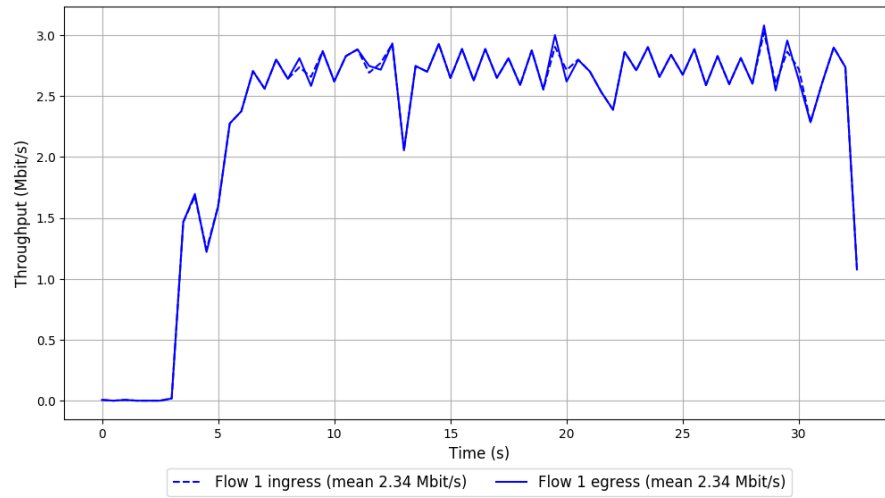


Run 7: Statistics of WebRTC media

Start at: 2018-02-13 03:30:46
End at: 2018-02-13 03:31:16
Local clock offset: 4.506 ms
Remote clock offset: -7.491 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -6.045 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: -6.045 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

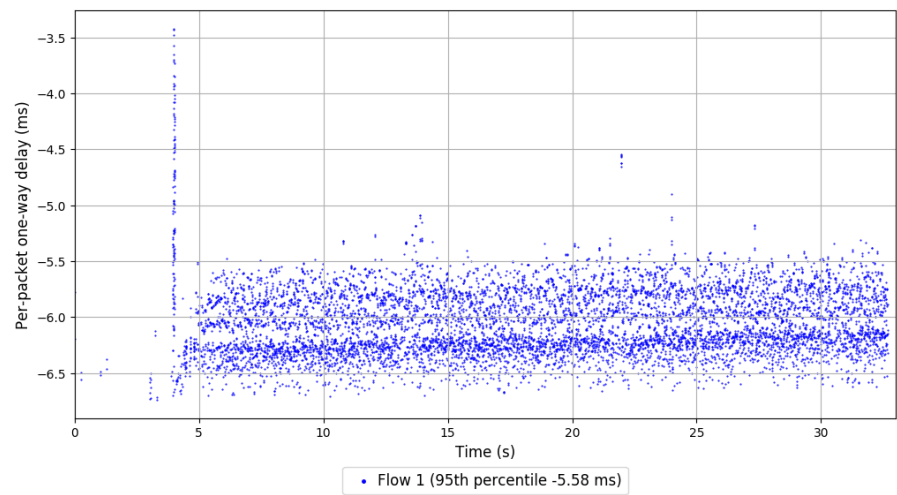
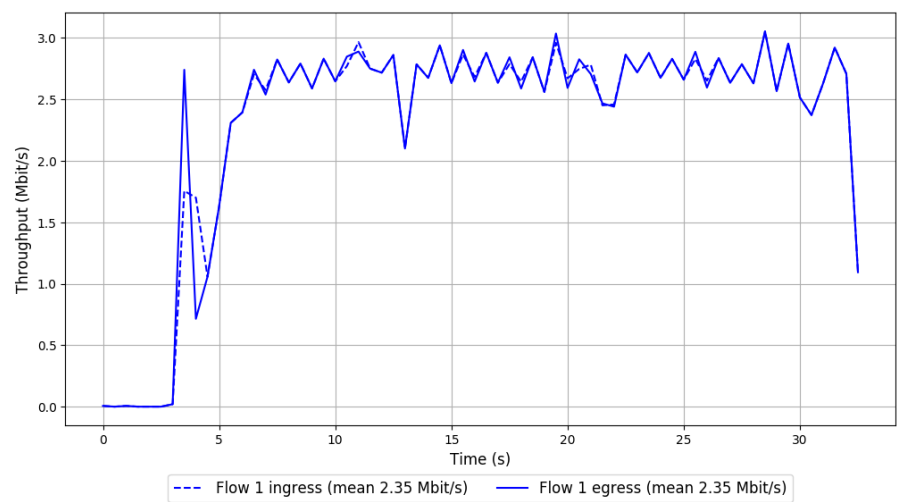


Run 8: Statistics of WebRTC media

Start at: 2018-02-13 03:52:23
End at: 2018-02-13 03:52:53
Local clock offset: 3.549 ms
Remote clock offset: -21.002 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -5.578 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -5.578 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

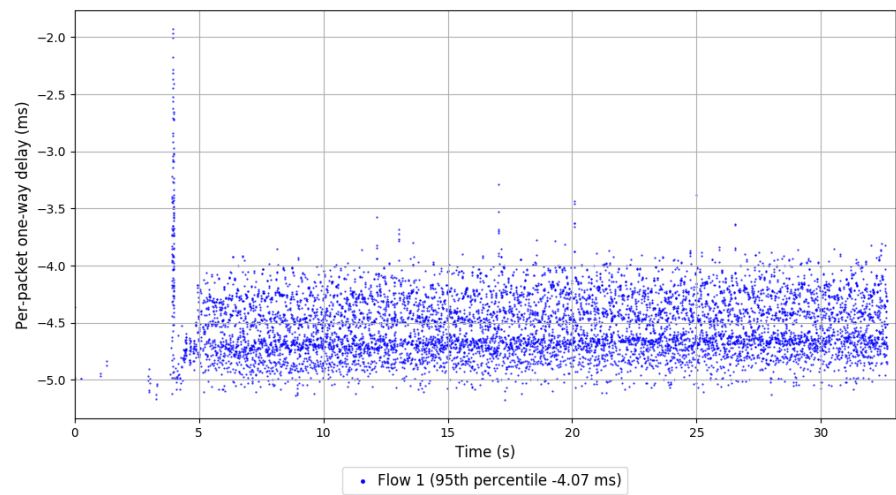
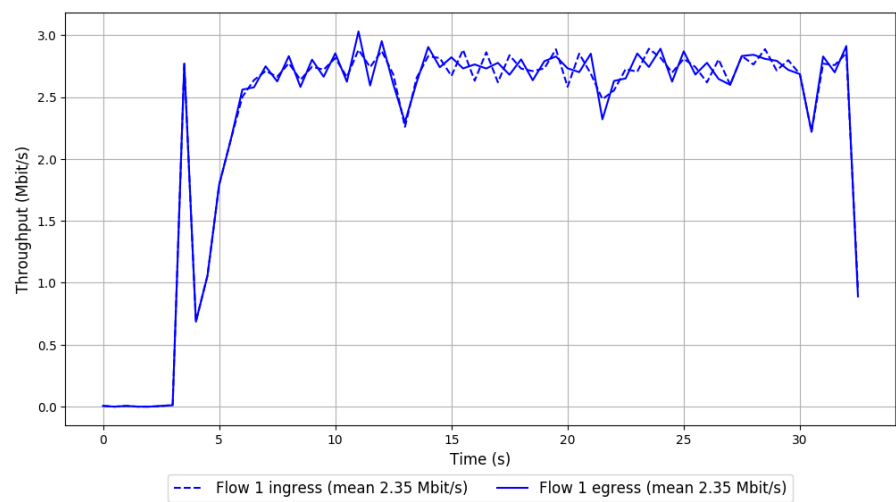


Run 9: Statistics of WebRTC media

Start at: 2018-02-13 04:13:14
End at: 2018-02-13 04:13:44
Local clock offset: 4.081 ms
Remote clock offset: -23.269 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -4.066 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: -4.066 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-02-13 04:34:57

End at: 2018-02-13 04:35:27

Local clock offset: 2.955 ms

Remote clock offset: -28.548 ms

Below is generated by plot.py at 2018-02-13 05:24:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: -4.550 ms

Loss rate: 0.00%

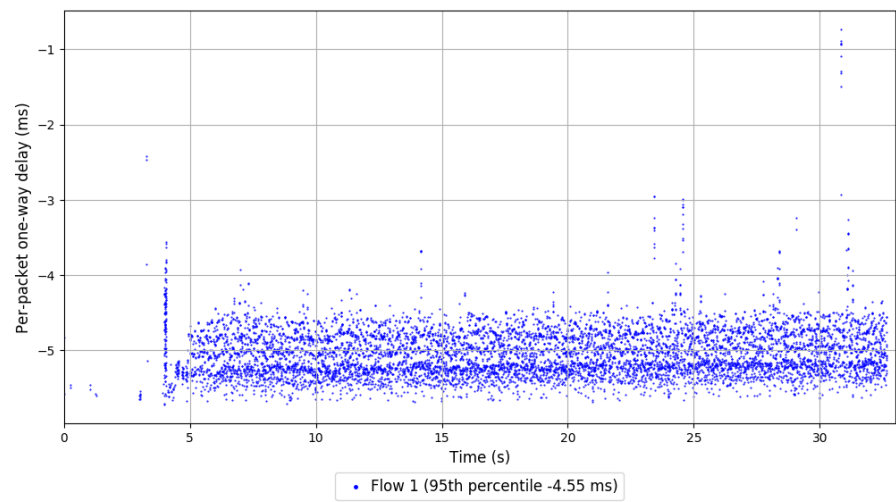
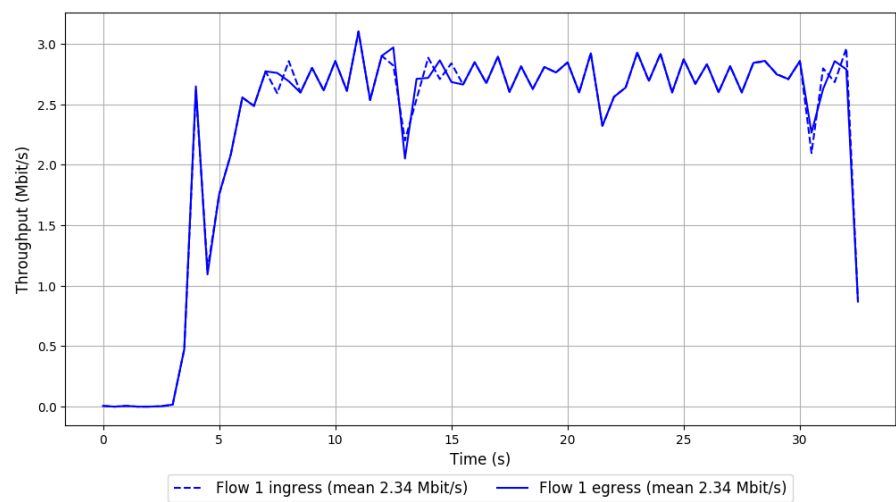
-- Flow 1:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: -4.550 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

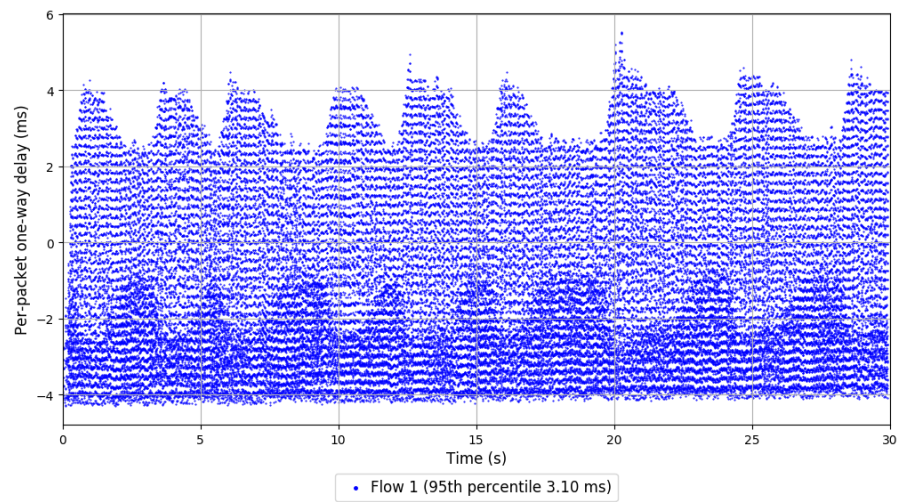
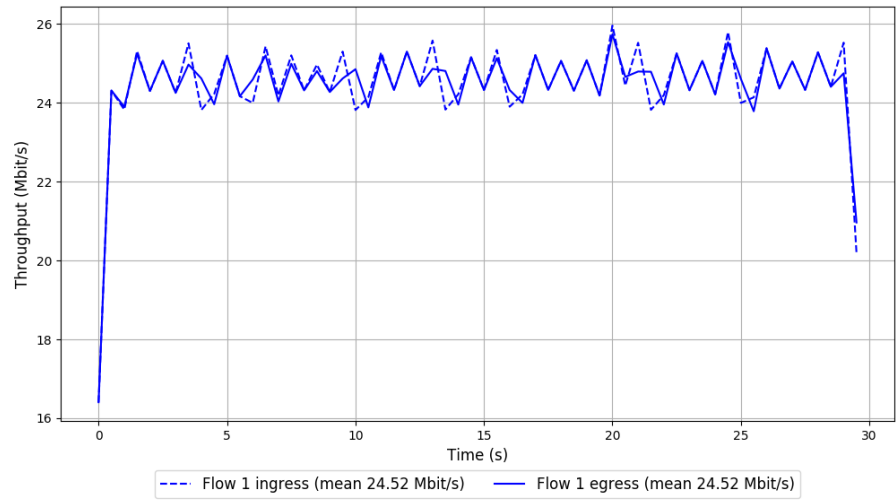


Run 1: Statistics of Sprout

Start at: 2018-02-13 01:15:05
End at: 2018-02-13 01:15:35
Local clock offset: 2.528 ms
Remote clock offset: -15.808 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 3.100 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 3.100 ms
Loss rate: 0.01%

Run 1: Report of Sprout — Data Link

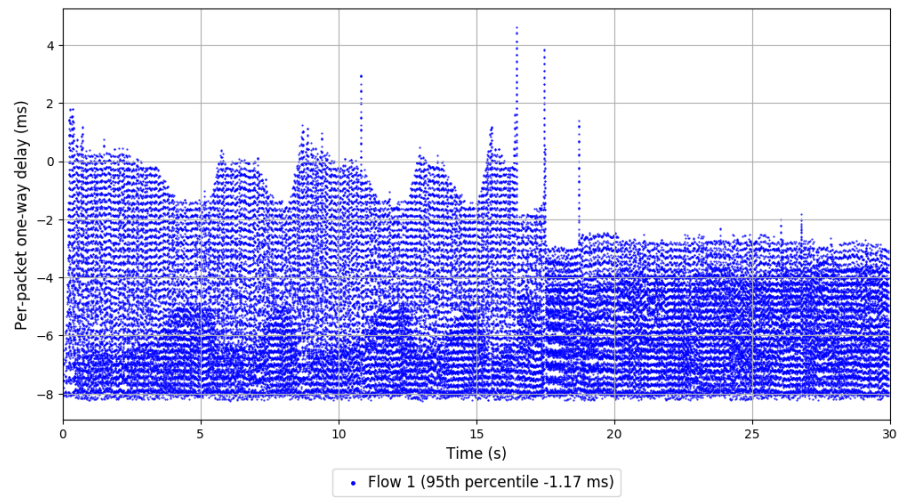
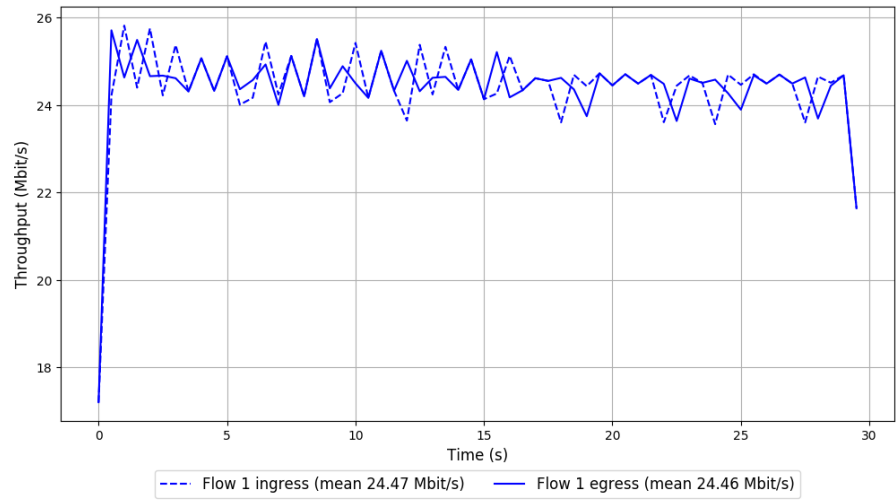


Run 2: Statistics of Sprout

Start at: 2018-02-13 01:36:04
End at: 2018-02-13 01:36:34
Local clock offset: 4.39 ms
Remote clock offset: -21.373 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: -1.173 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: -1.173 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

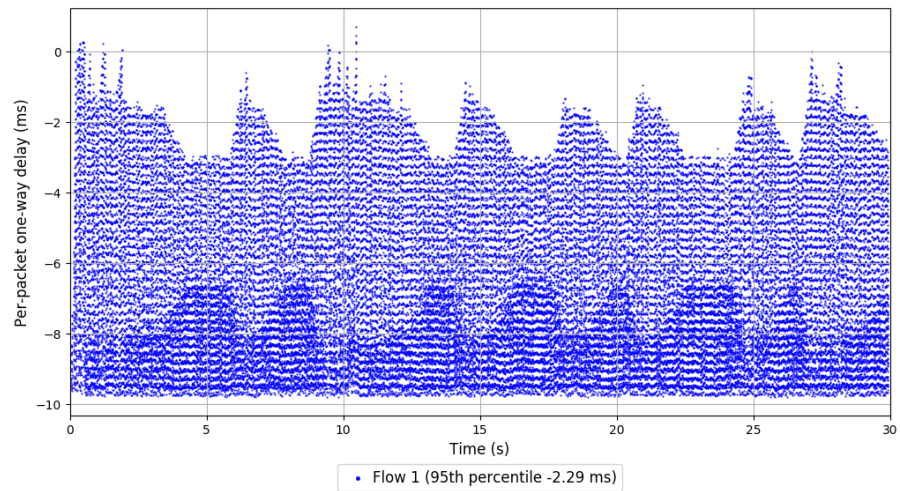
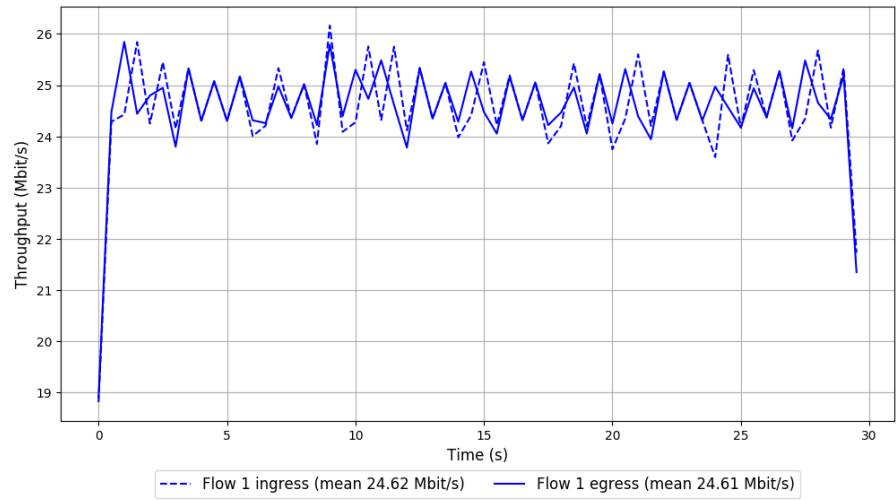


Run 3: Statistics of Sprout

Start at: 2018-02-13 01:57:07
End at: 2018-02-13 01:57:37
Local clock offset: 5.368 ms
Remote clock offset: -21.151 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.61 Mbit/s
95th percentile per-packet one-way delay: -2.286 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.61 Mbit/s
95th percentile per-packet one-way delay: -2.286 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

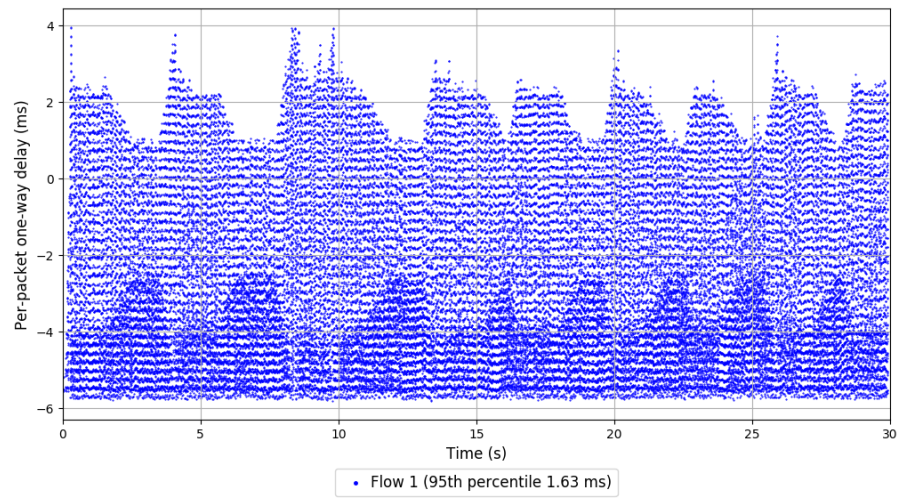
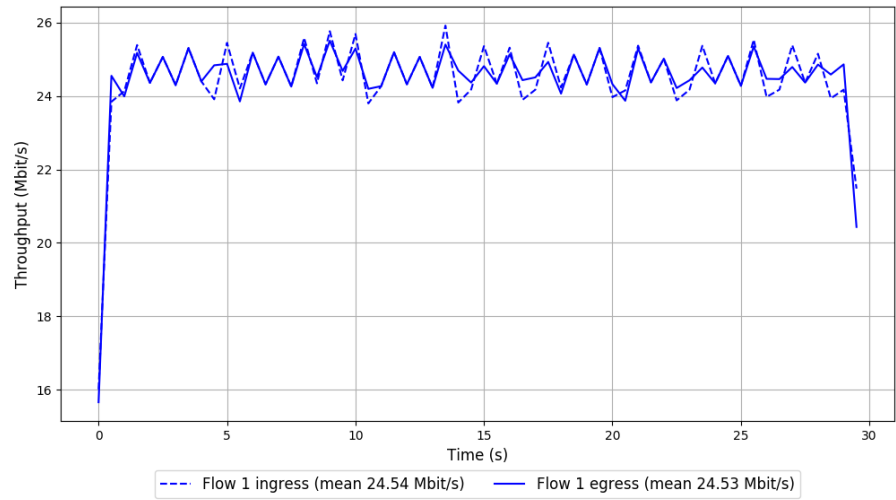


Run 4: Statistics of Sprout

Start at: 2018-02-13 02:18:09
End at: 2018-02-13 02:18:39
Local clock offset: 3.693 ms
Remote clock offset: -18.68 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 1.631 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 1.631 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

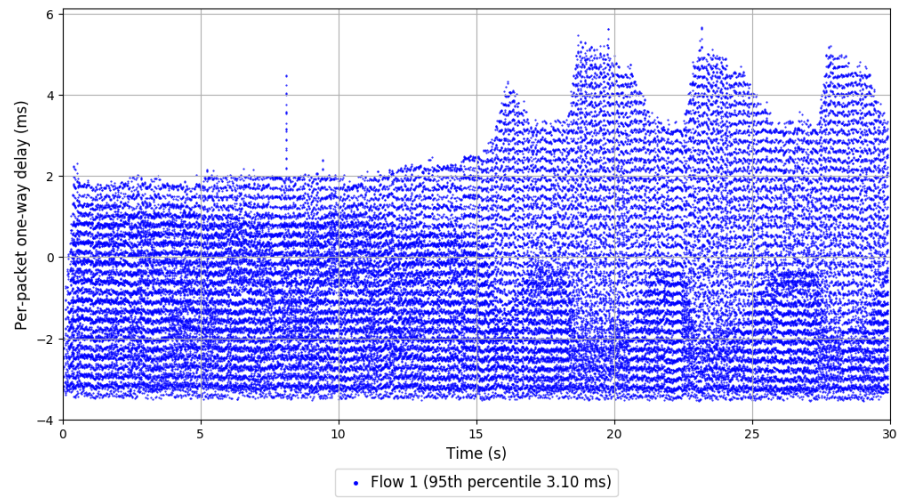
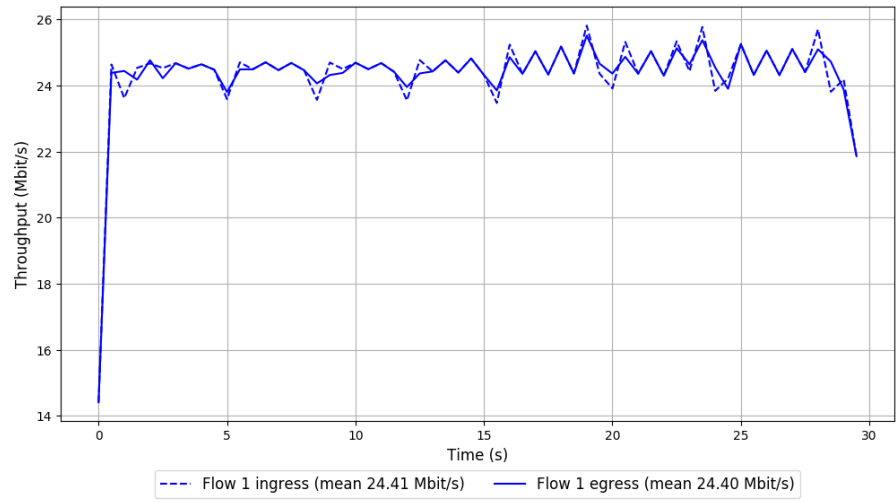


Run 5: Statistics of Sprout

Start at: 2018-02-13 02:39:19
End at: 2018-02-13 02:39:49
Local clock offset: 0.789 ms
Remote clock offset: -13.718 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 3.096 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.40 Mbit/s
95th percentile per-packet one-way delay: 3.096 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

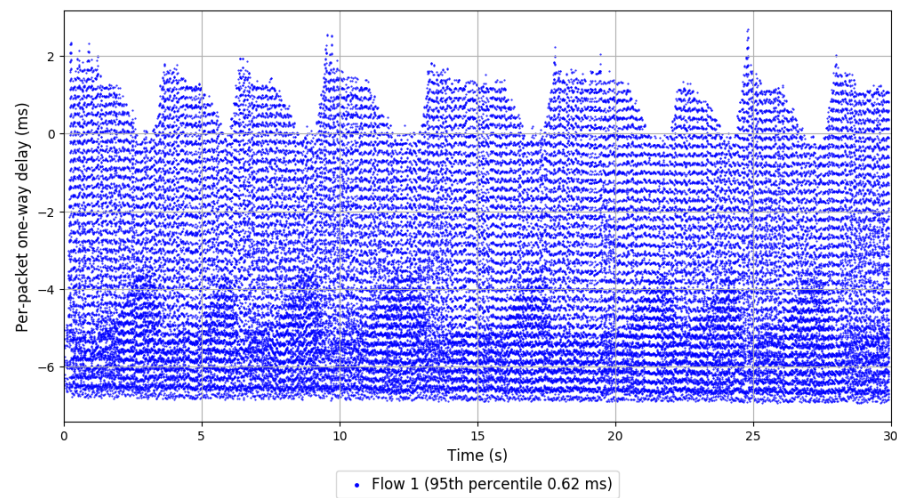
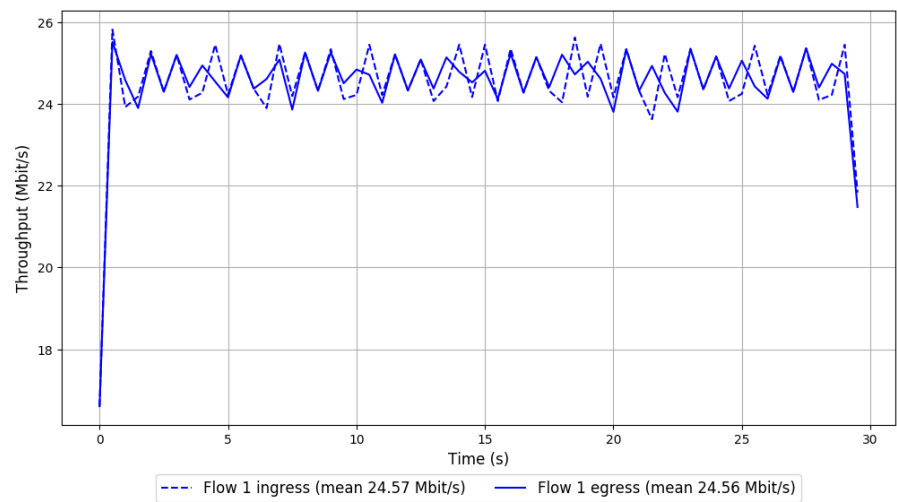


Run 6: Statistics of Sprout

Start at: 2018-02-13 03:00:19
End at: 2018-02-13 03:00:49
Local clock offset: 3.764 ms
Remote clock offset: -10.335 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.56 Mbit/s
95th percentile per-packet one-way delay: 0.624 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.56 Mbit/s
95th percentile per-packet one-way delay: 0.624 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

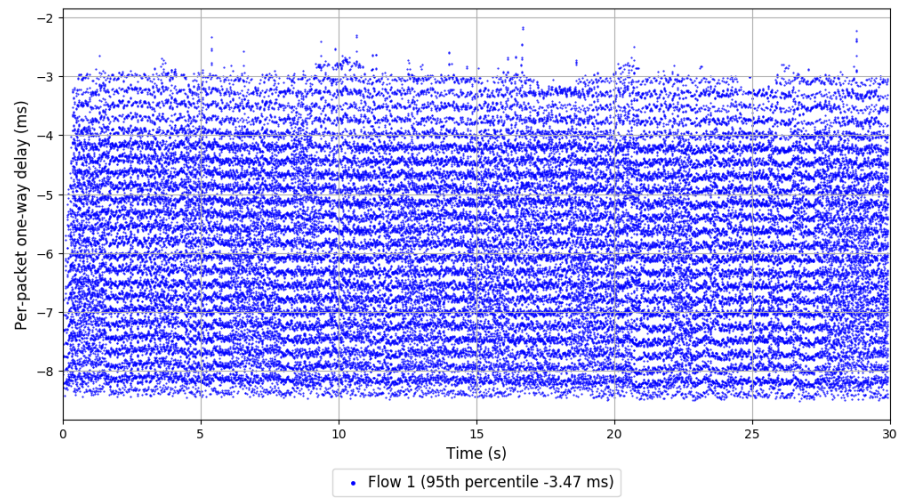
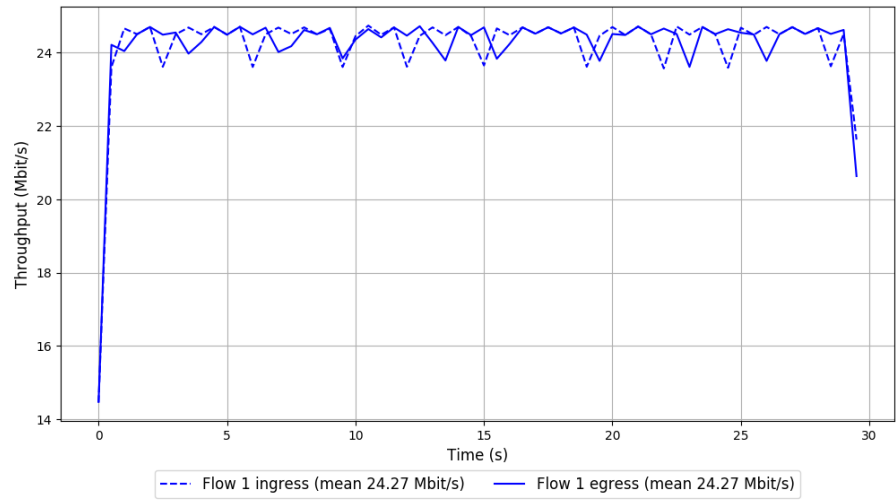


Run 7: Statistics of Sprout

Start at: 2018-02-13 03:21:32
End at: 2018-02-13 03:22:02
Local clock offset: 4.434 ms
Remote clock offset: -8.105 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.27 Mbit/s
95th percentile per-packet one-way delay: -3.473 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.27 Mbit/s
95th percentile per-packet one-way delay: -3.473 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

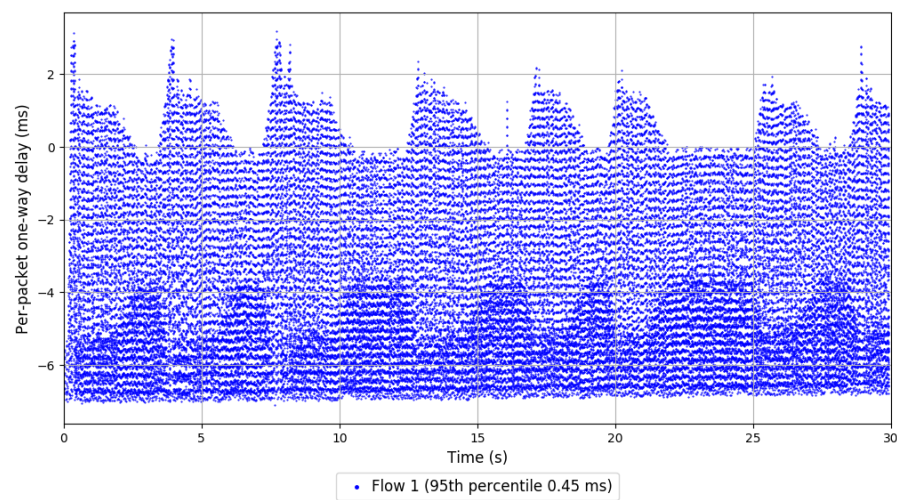
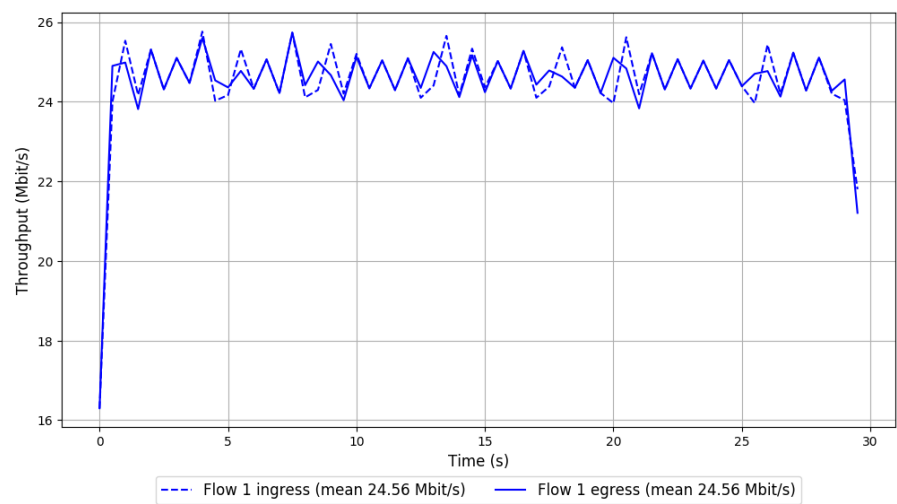


Run 8: Statistics of Sprout

Start at: 2018-02-13 03:42:57
End at: 2018-02-13 03:43:27
Local clock offset: 5.193 ms
Remote clock offset: -16.744 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.56 Mbit/s
95th percentile per-packet one-way delay: 0.446 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.56 Mbit/s
95th percentile per-packet one-way delay: 0.446 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

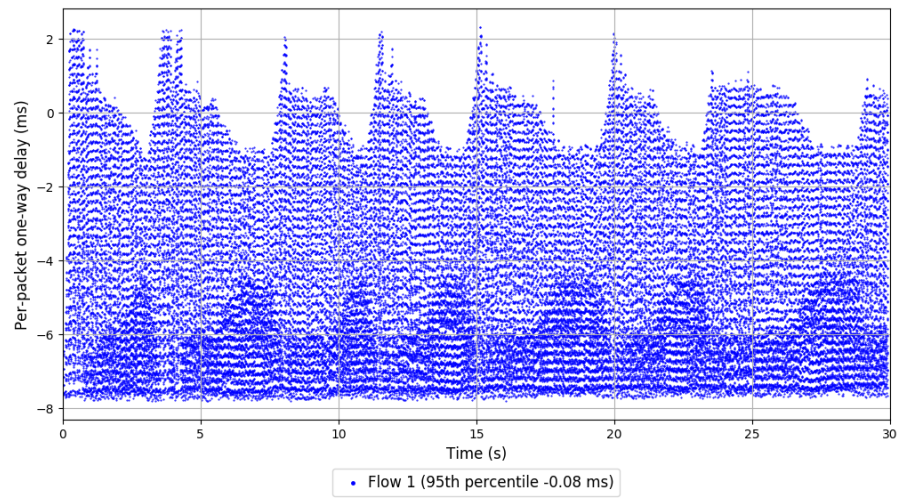
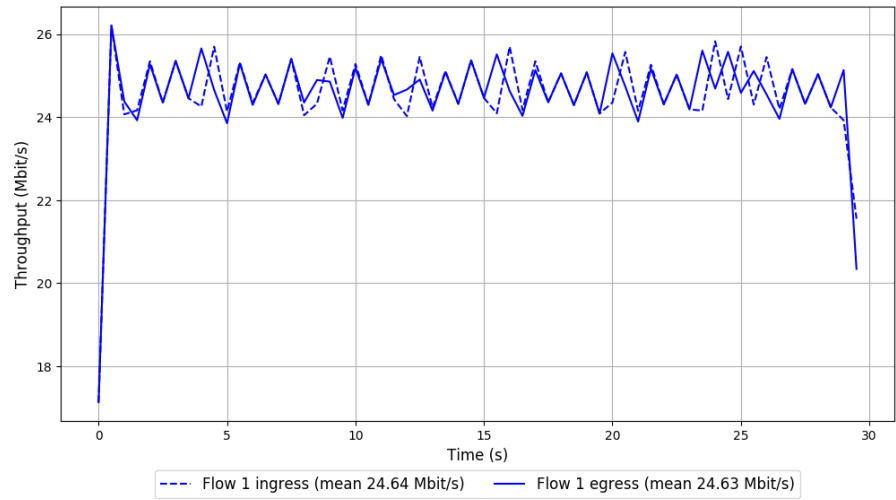


Run 9: Statistics of Sprout

Start at: 2018-02-13 04:04:05
End at: 2018-02-13 04:04:35
Local clock offset: 4.85 ms
Remote clock offset: -23.638 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: -0.081 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.63 Mbit/s
95th percentile per-packet one-way delay: -0.081 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

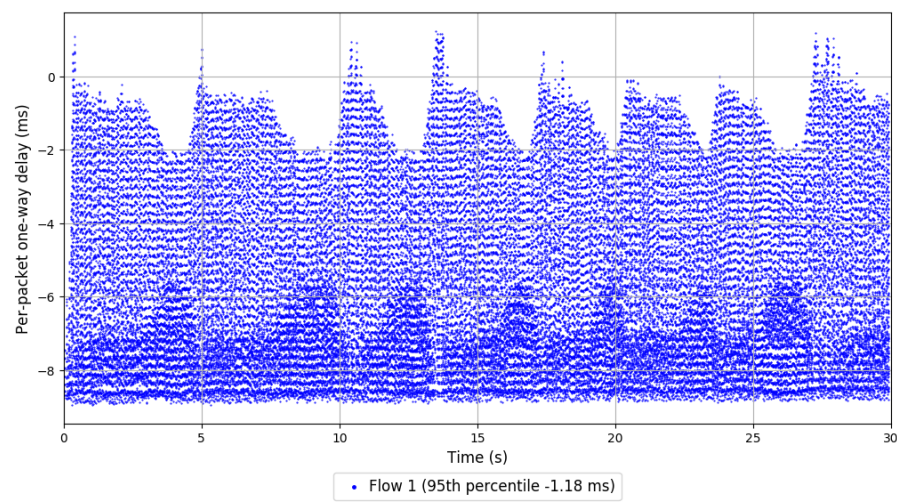
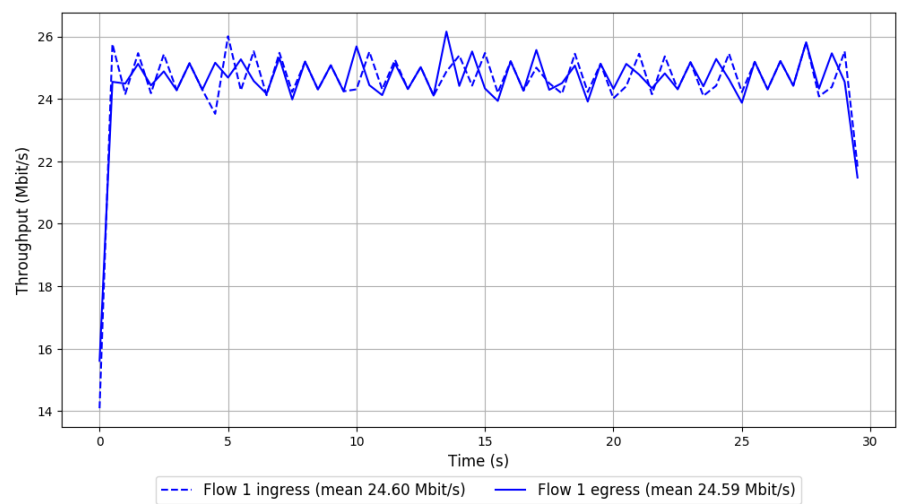


Run 10: Statistics of Sprout

Start at: 2018-02-13 04:25:30
End at: 2018-02-13 04:26:00
Local clock offset: 5.678 ms
Remote clock offset: -27.902 ms

Below is generated by plot.py at 2018-02-13 05:24:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: -1.181 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.59 Mbit/s
95th percentile per-packet one-way delay: -1.181 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

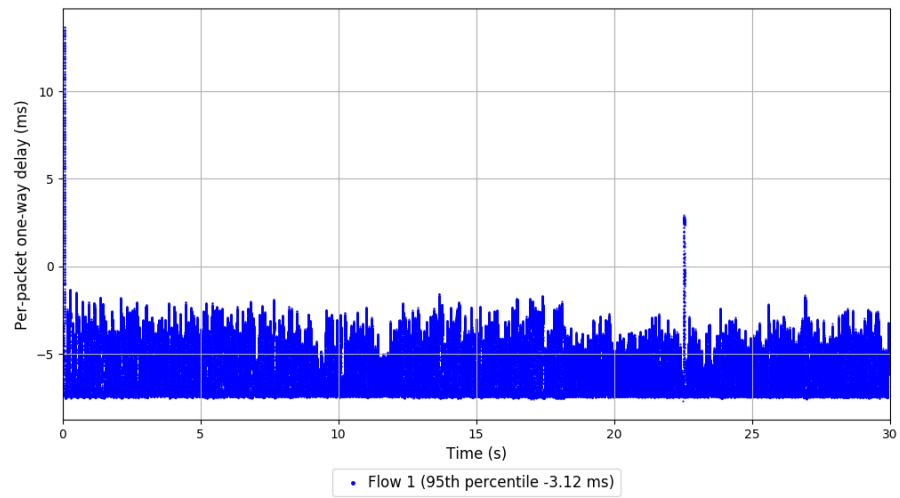
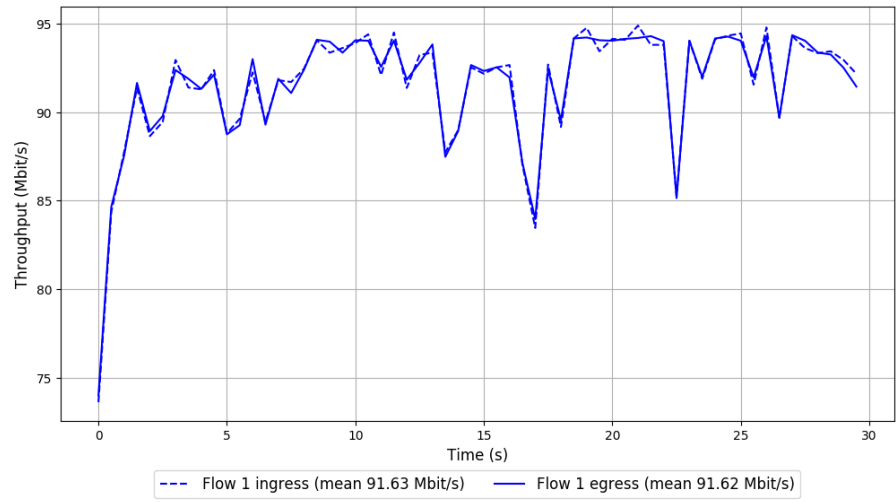


Run 1: Statistics of TaoVA-100x

Start at: 2018-02-13 01:12:36
End at: 2018-02-13 01:13:06
Local clock offset: 4.574 ms
Remote clock offset: -16.063 ms

Below is generated by plot.py at 2018-02-13 05:26:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.62 Mbit/s
95th percentile per-packet one-way delay: -3.120 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 91.62 Mbit/s
95th percentile per-packet one-way delay: -3.120 ms
Loss rate: 0.00%

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

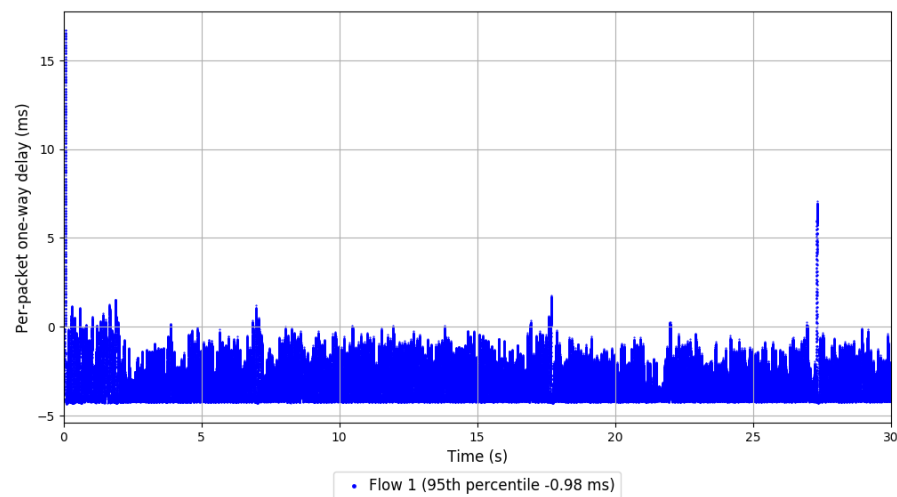
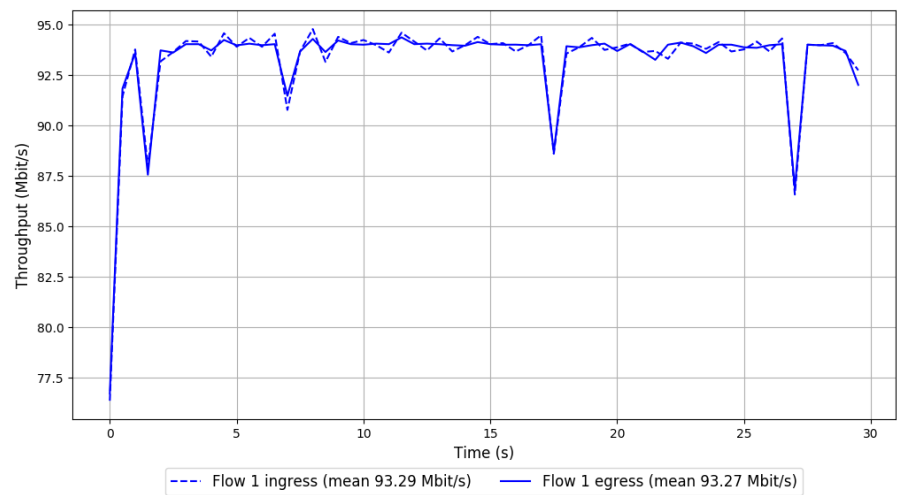


```
Run 2: Statistics of TaoVA-100x

Start at: 2018-02-13 01:33:36
End at: 2018-02-13 01:34:06
Local clock offset: 2.321 ms
Remote clock offset: -19.435 ms

# Below is generated by plot.py at 2018-02-13 05:26:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 93.27 Mbit/s
95th percentile per-packet one-way delay: -0.984 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 93.27 Mbit/s
95th percentile per-packet one-way delay: -0.984 ms
Loss rate: 0.01%
```

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

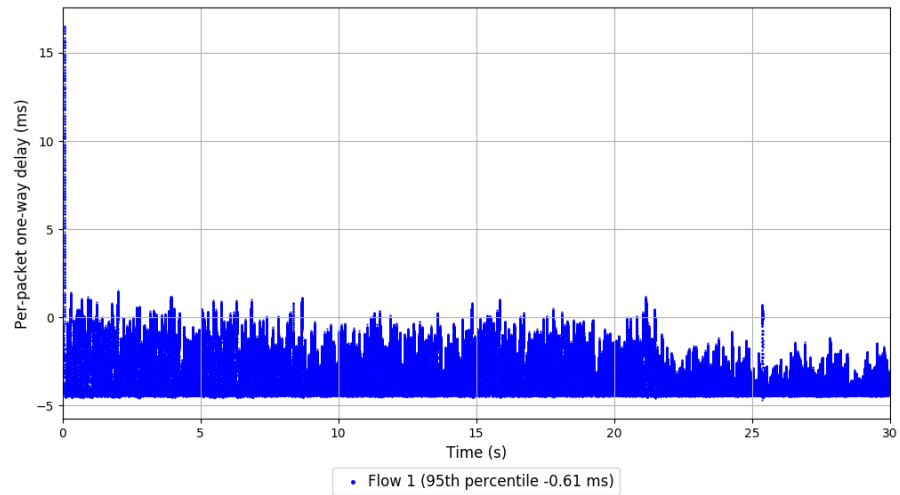
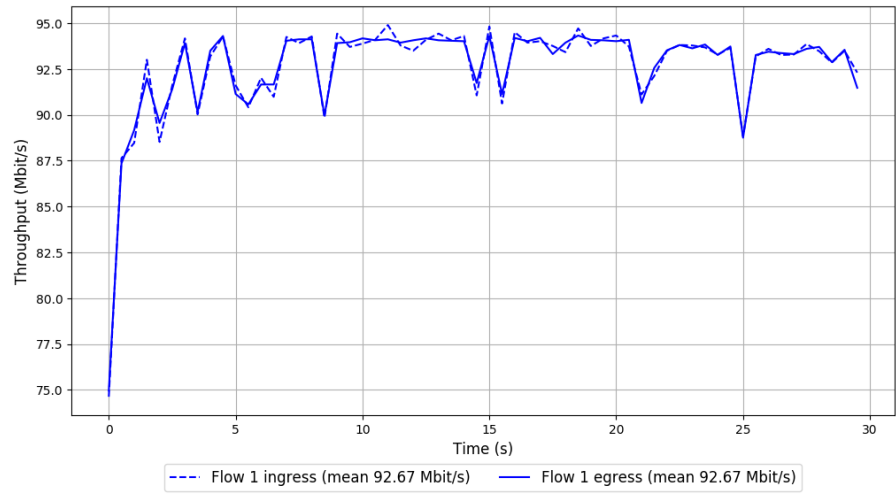


Run 3: Statistics of TaoVA-100x

Start at: 2018-02-13 01:54:42
End at: 2018-02-13 01:55:13
Local clock offset: 0.223 ms
Remote clock offset: -20.918 ms

Below is generated by plot.py at 2018-02-13 05:26:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.67 Mbit/s
95th percentile per-packet one-way delay: -0.614 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.67 Mbit/s
95th percentile per-packet one-way delay: -0.614 ms
Loss rate: 0.00%

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

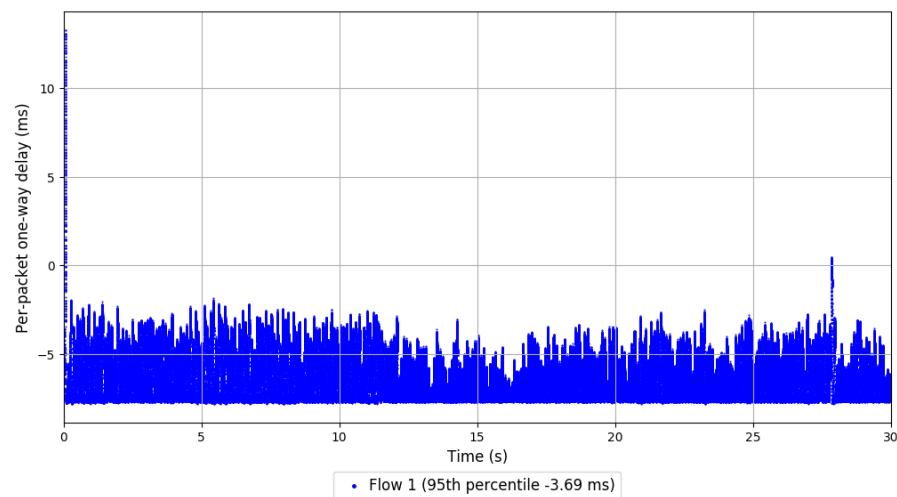
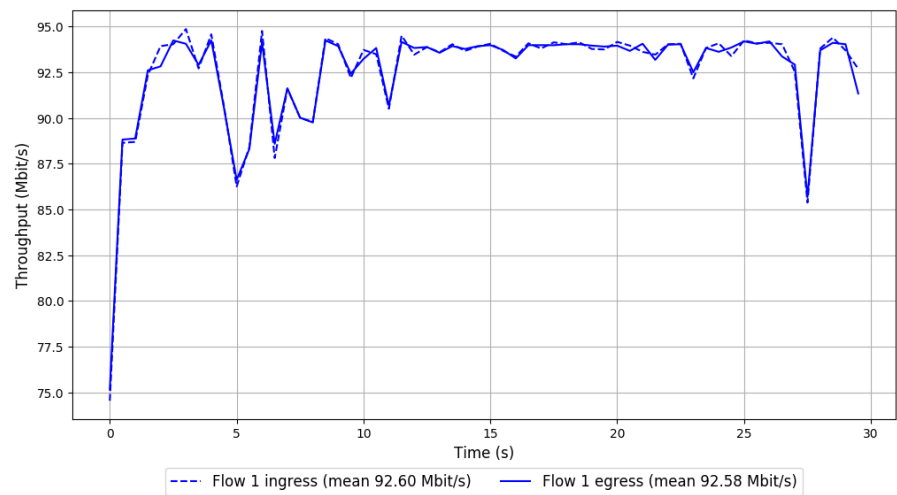


Run 4: Statistics of TaoVA-100x

Start at: 2018-02-13 02:15:43
End at: 2018-02-13 02:16:13
Local clock offset: 4.432 ms
Remote clock offset: -19.871 ms

Below is generated by plot.py at 2018-02-13 05:26:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.58 Mbit/s
95th percentile per-packet one-way delay: -3.691 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 92.58 Mbit/s
95th percentile per-packet one-way delay: -3.691 ms
Loss rate: 0.03%

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

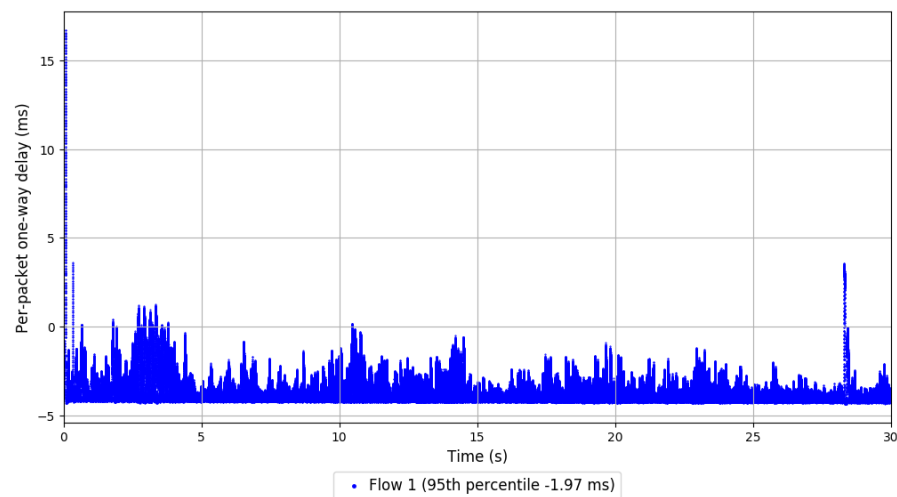
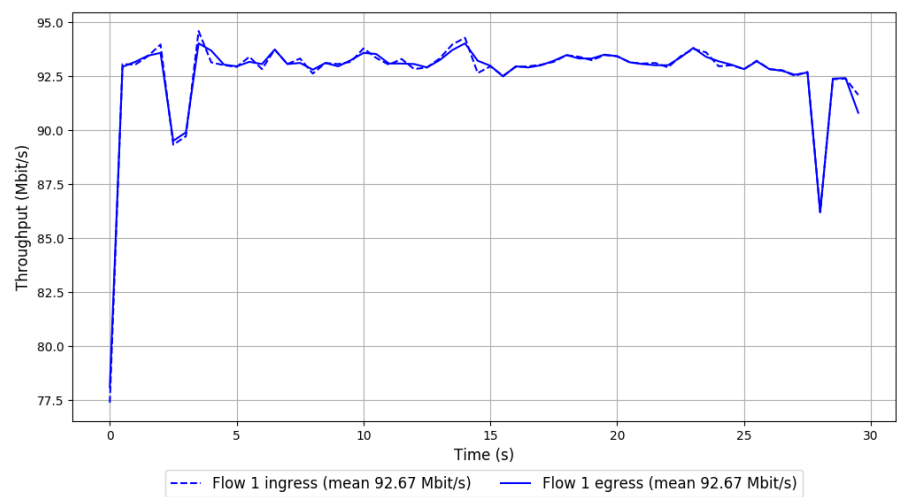


Run 5: Statistics of TaoVA-100x

Start at: 2018-02-13 02:36:54
End at: 2018-02-13 02:37:24
Local clock offset: 0.661 ms
Remote clock offset: -15.042 ms

Below is generated by plot.py at 2018-02-13 05:26:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.67 Mbit/s
95th percentile per-packet one-way delay: -1.974 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.67 Mbit/s
95th percentile per-packet one-way delay: -1.974 ms
Loss rate: 0.00%

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

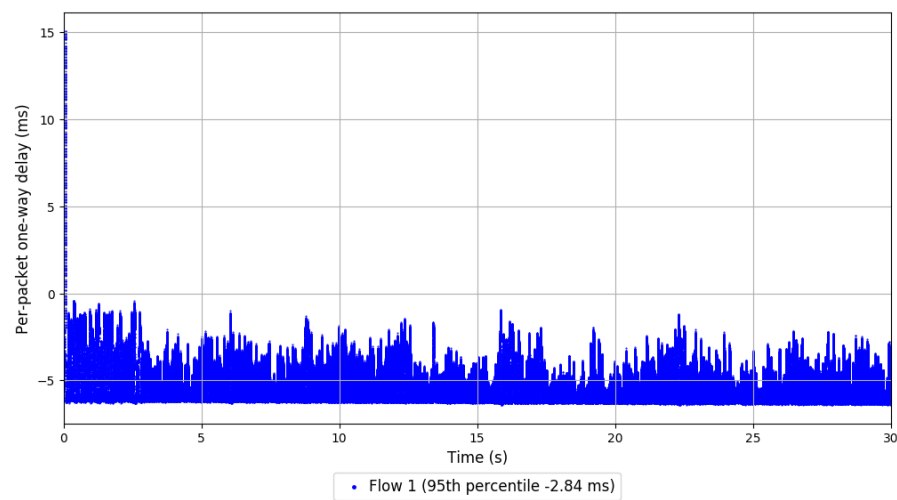
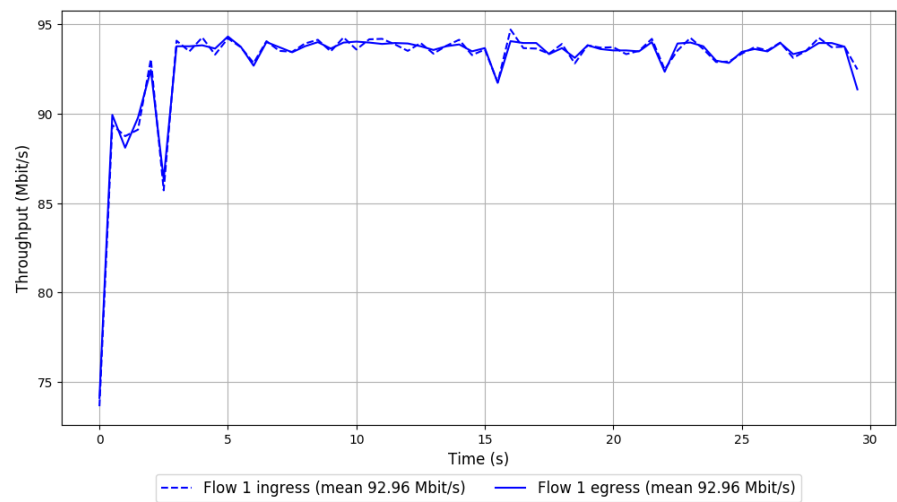


Run 6: Statistics of TaoVA-100x

Start at: 2018-02-13 02:57:53
End at: 2018-02-13 02:58:24
Local clock offset: 2.509 ms
Remote clock offset: -11.822 ms

Below is generated by plot.py at 2018-02-13 05:26:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.96 Mbit/s
95th percentile per-packet one-way delay: -2.842 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.96 Mbit/s
95th percentile per-packet one-way delay: -2.842 ms
Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-02-13 03:19:09

End at: 2018-02-13 03:19:39

Local clock offset: 2.578 ms

Remote clock offset: -7.681 ms

Below is generated by plot.py at 2018-02-13 05:27:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.09 Mbit/s

95th percentile per-packet one-way delay: -1.901 ms

Loss rate: 0.00%

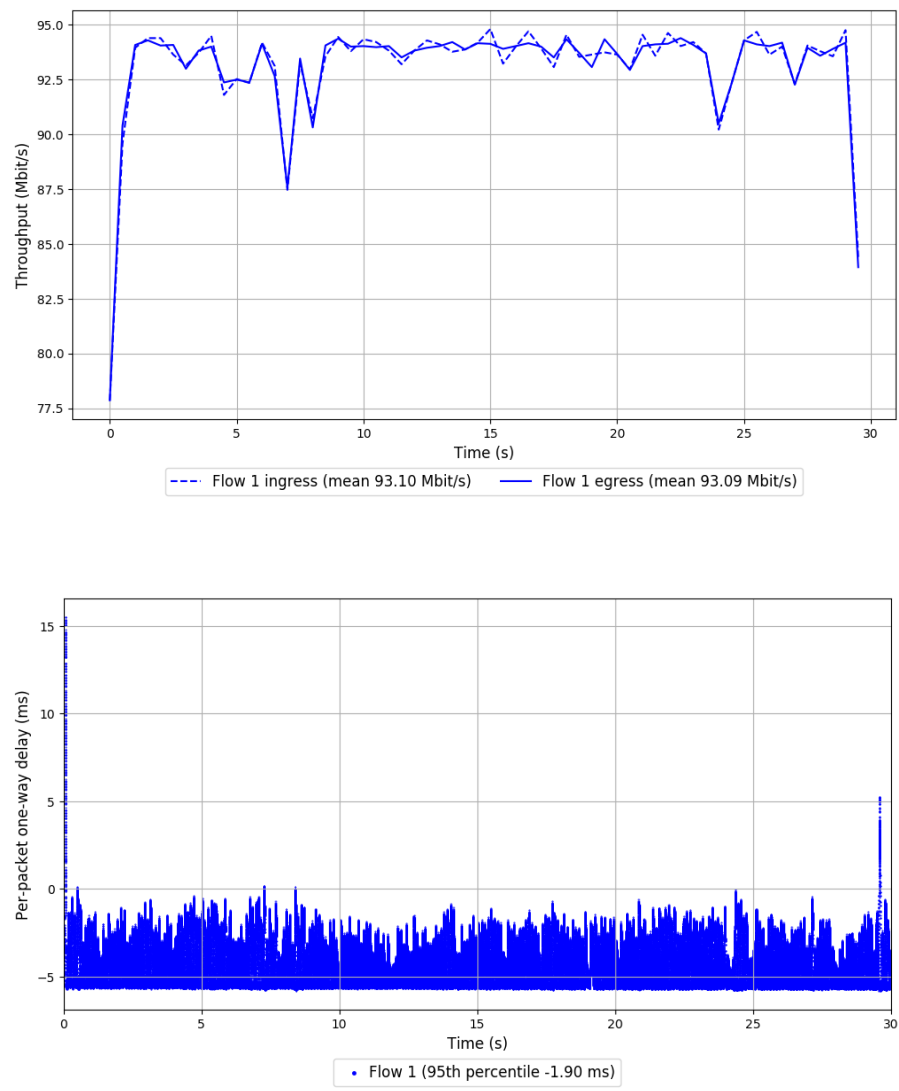
-- Flow 1:

Average throughput: 93.09 Mbit/s

95th percentile per-packet one-way delay: -1.901 ms

Loss rate: 0.00%

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

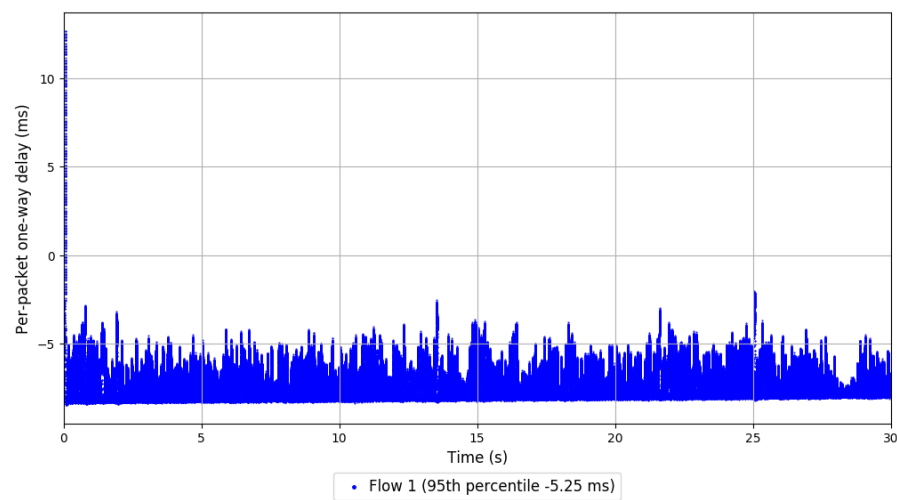
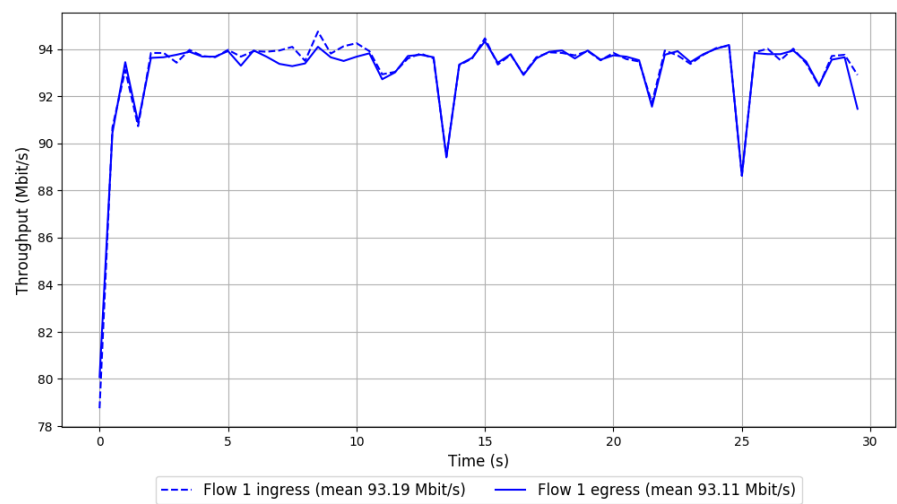


Run 8: Statistics of TaoVA-100x

Start at: 2018-02-13 03:40:23
End at: 2018-02-13 03:40:53
Local clock offset: 5.894 ms
Remote clock offset: -16.065 ms

Below is generated by plot.py at 2018-02-13 05:27:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.11 Mbit/s
95th percentile per-packet one-way delay: -5.248 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 93.11 Mbit/s
95th percentile per-packet one-way delay: -5.248 ms
Loss rate: 0.08%

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

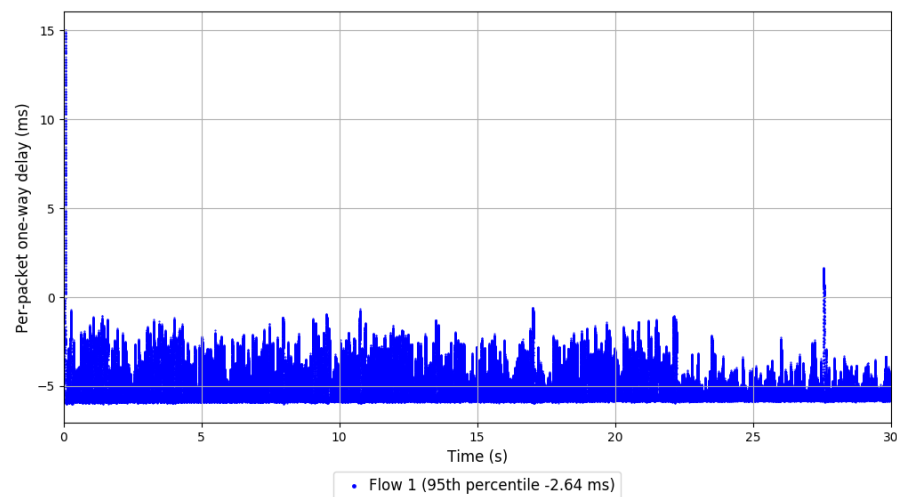
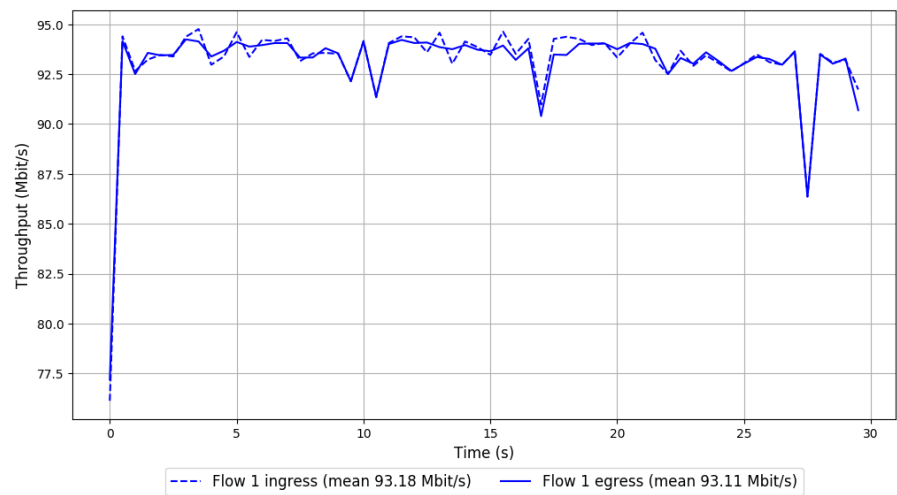


Run 9: Statistics of TaoVA-100x

Start at: 2018-02-13 04:01:41
End at: 2018-02-13 04:02:11
Local clock offset: 1.712 ms
Remote clock offset: -24.354 ms

Below is generated by plot.py at 2018-02-13 05:29:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.11 Mbit/s
95th percentile per-packet one-way delay: -2.639 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 93.11 Mbit/s
95th percentile per-packet one-way delay: -2.639 ms
Loss rate: 0.07%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-13 04:22:52

End at: 2018-02-13 04:23:22

Local clock offset: 3.127 ms

Remote clock offset: -25.871 ms

Below is generated by plot.py at 2018-02-13 05:29:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.00 Mbit/s

95th percentile per-packet one-way delay: -1.197 ms

Loss rate: 0.00%

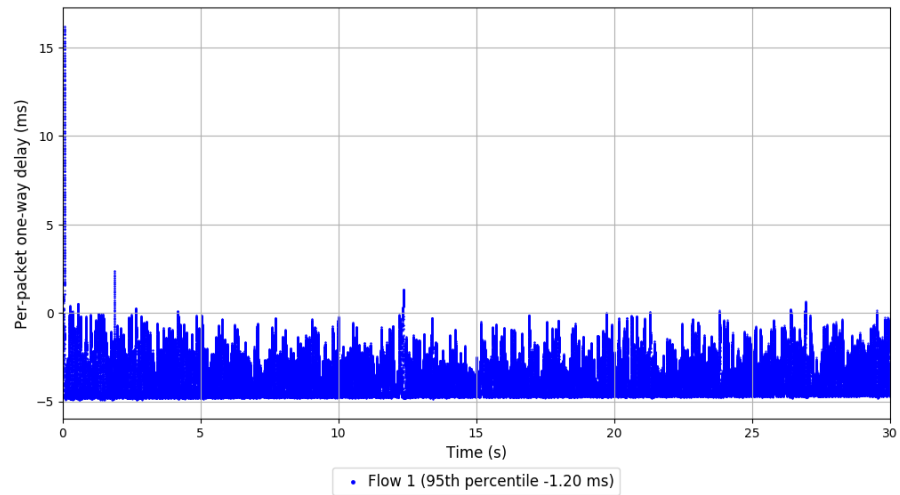
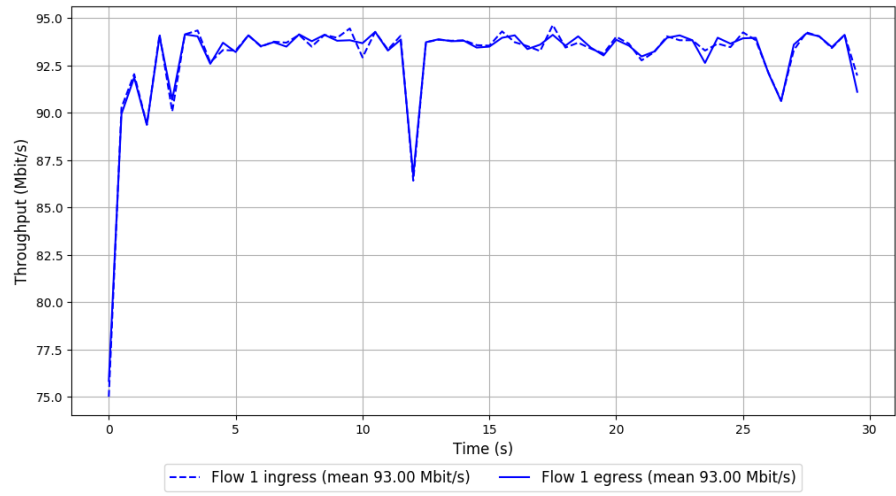
-- Flow 1:

Average throughput: 93.00 Mbit/s

95th percentile per-packet one-way delay: -1.197 ms

Loss rate: 0.00%

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

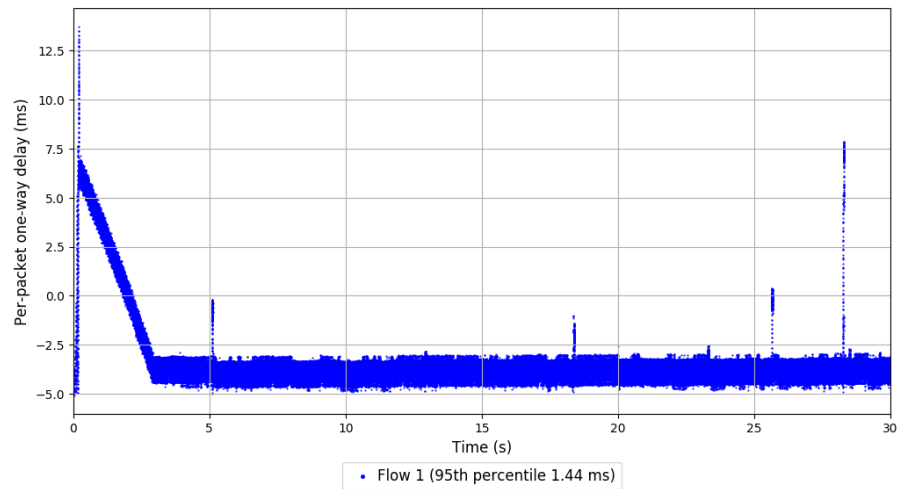
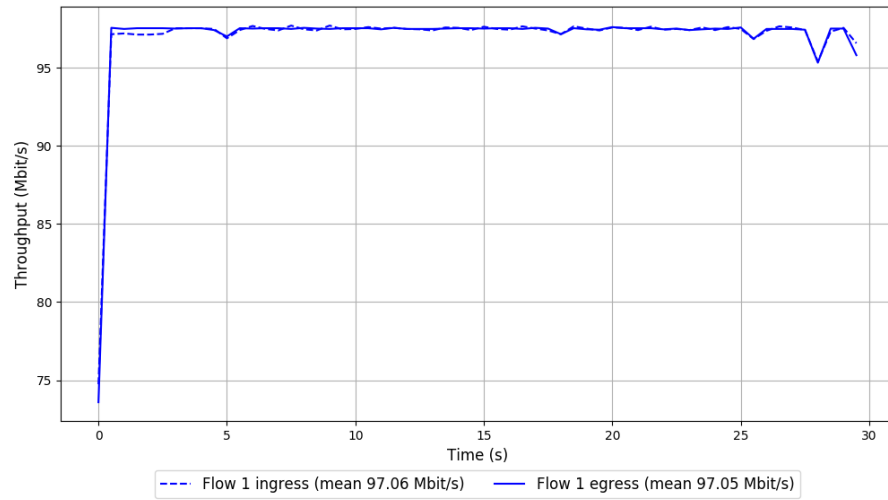


Run 1: Statistics of TCP Vegas

Start at: 2018-02-13 01:16:10
End at: 2018-02-13 01:16:40
Local clock offset: 2.935 ms
Remote clock offset: -16.611 ms

Below is generated by plot.py at 2018-02-13 05:29:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 1.435 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 1.435 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

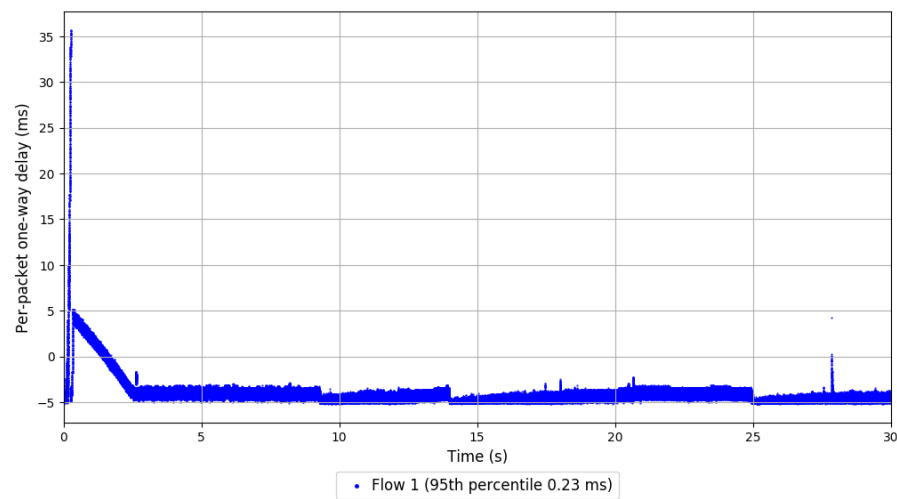
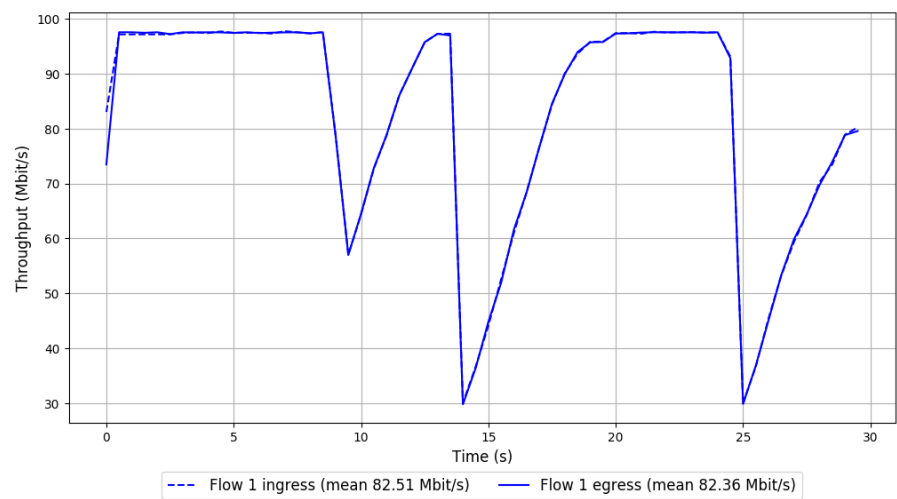


Run 2: Statistics of TCP Vegas

Start at: 2018-02-13 01:37:10
End at: 2018-02-13 01:37:40
Local clock offset: 1.843 ms
Remote clock offset: -20.767 ms

Below is generated by plot.py at 2018-02-13 05:29:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.36 Mbit/s
95th percentile per-packet one-way delay: 0.226 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 82.36 Mbit/s
95th percentile per-packet one-way delay: 0.226 ms
Loss rate: 0.18%

Run 2: Report of TCP Vegas — Data Link

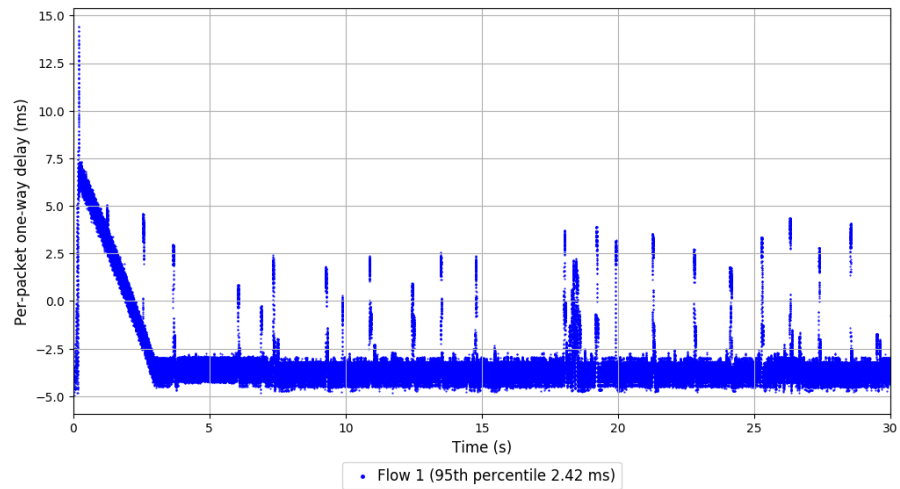
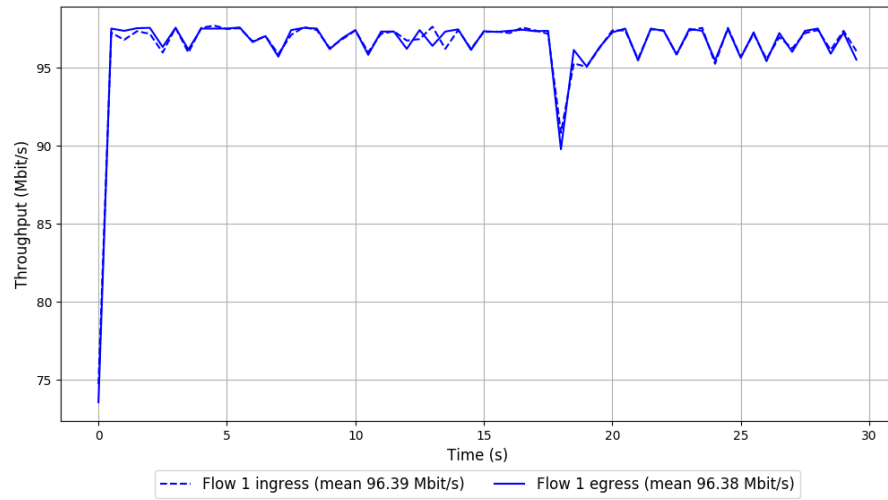


Run 3: Statistics of TCP Vegas

Start at: 2018-02-13 01:58:13
End at: 2018-02-13 01:58:43
Local clock offset: 0.957 ms
Remote clock offset: -20.619 ms

Below is generated by plot.py at 2018-02-13 05:29:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 2.416 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 2.416 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

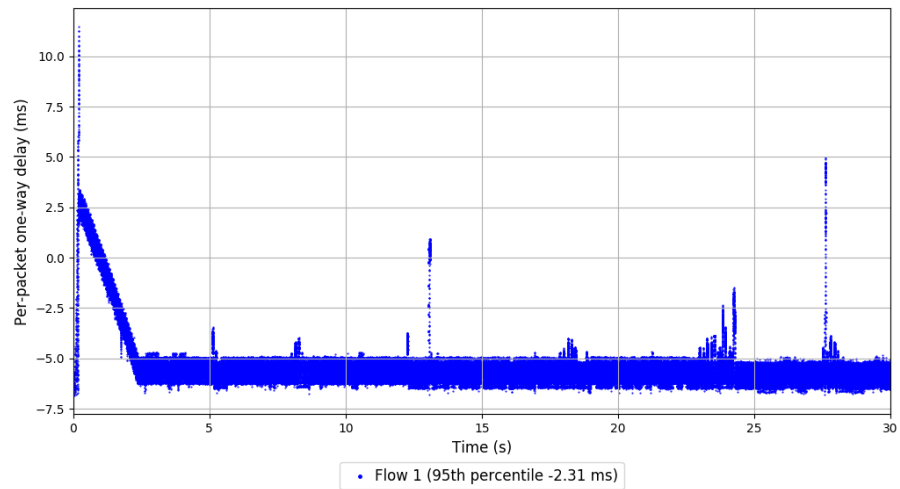
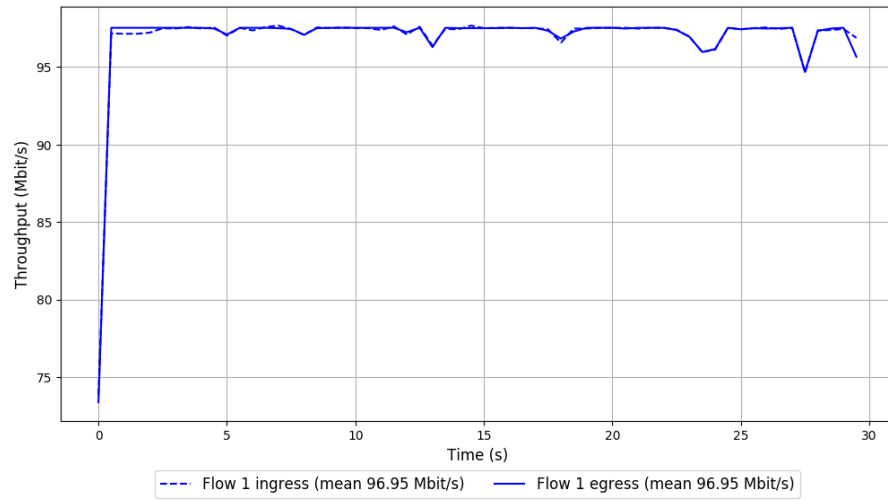


Run 4: Statistics of TCP Vegas

Start at: 2018-02-13 02:19:14
End at: 2018-02-13 02:19:44
Local clock offset: 2.968 ms
Remote clock offset: -20.573 ms

Below is generated by plot.py at 2018-02-13 05:29:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: -2.309 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: -2.309 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

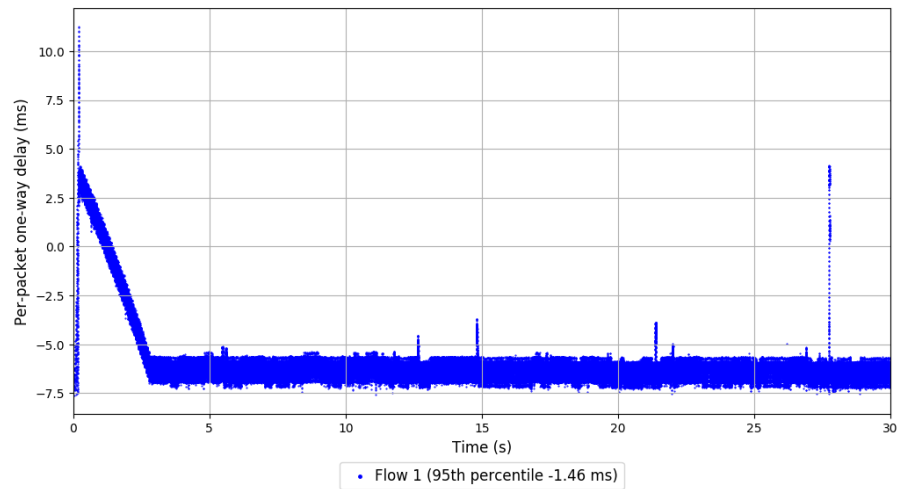
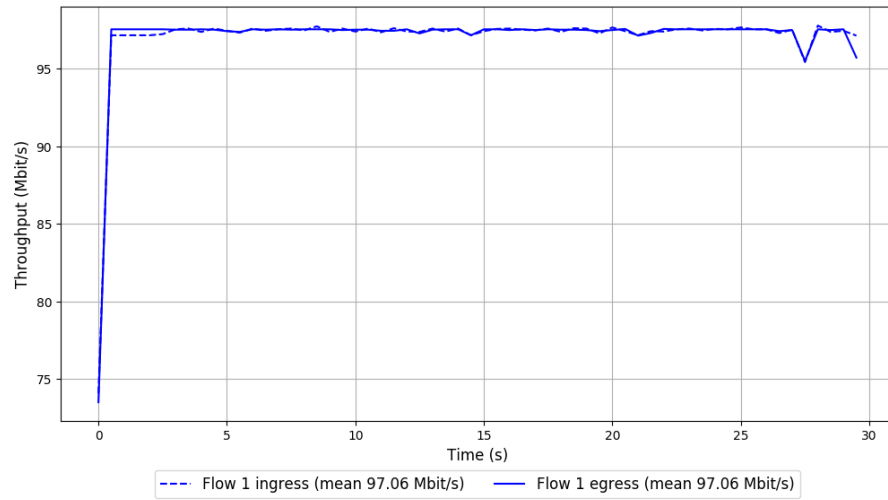


Run 5: Statistics of TCP Vegas

Start at: 2018-02-13 02:40:25
End at: 2018-02-13 02:40:55
Local clock offset: 4.018 ms
Remote clock offset: -14.433 ms

Below is generated by plot.py at 2018-02-13 05:29:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: -1.461 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: -1.461 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

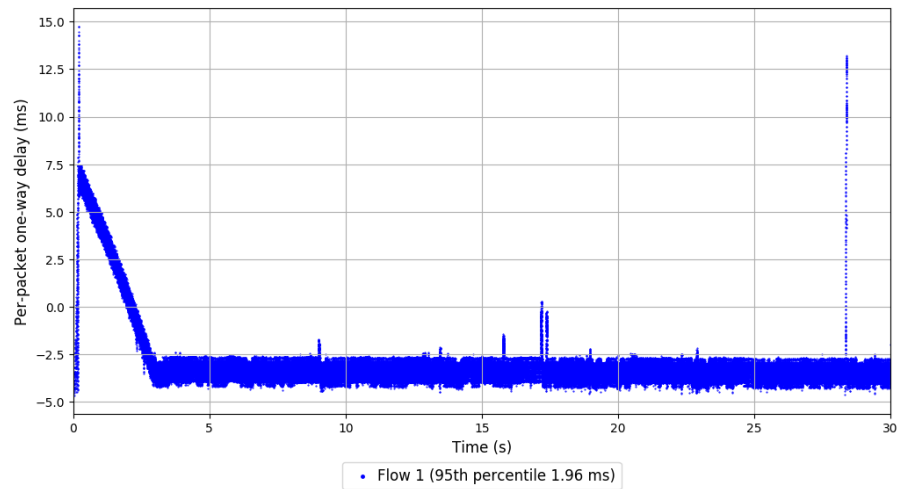
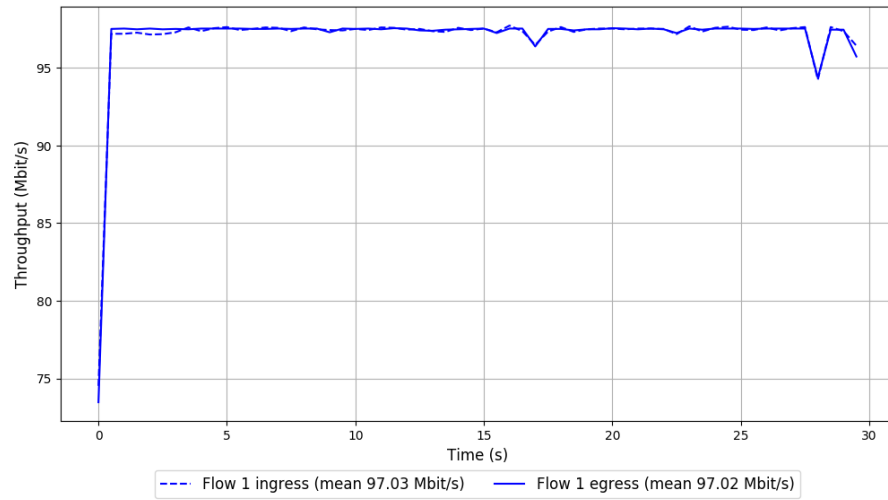


Run 6: Statistics of TCP Vegas

Start at: 2018-02-13 03:01:25
End at: 2018-02-13 03:01:55
Local clock offset: 1.007 ms
Remote clock offset: -10.538 ms

Below is generated by plot.py at 2018-02-13 05:29:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 1.956 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 1.956 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

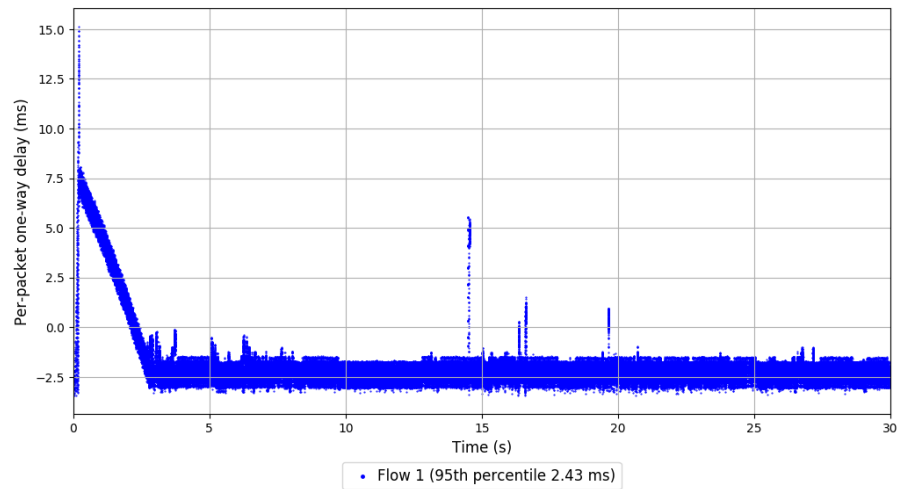
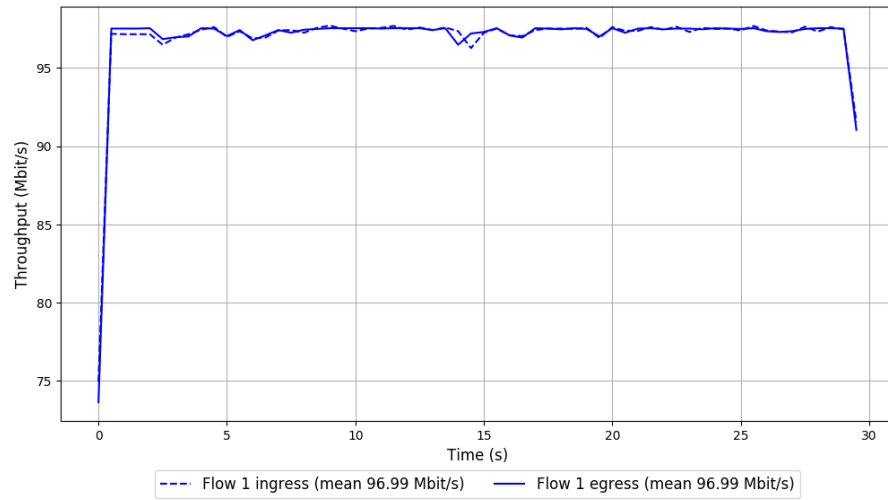


Run 7: Statistics of TCP Vegas

Start at: 2018-02-13 03:22:38
End at: 2018-02-13 03:23:08
Local clock offset: 1.551 ms
Remote clock offset: -5.872 ms

Below is generated by plot.py at 2018-02-13 05:29:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 2.430 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.99 Mbit/s
95th percentile per-packet one-way delay: 2.430 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

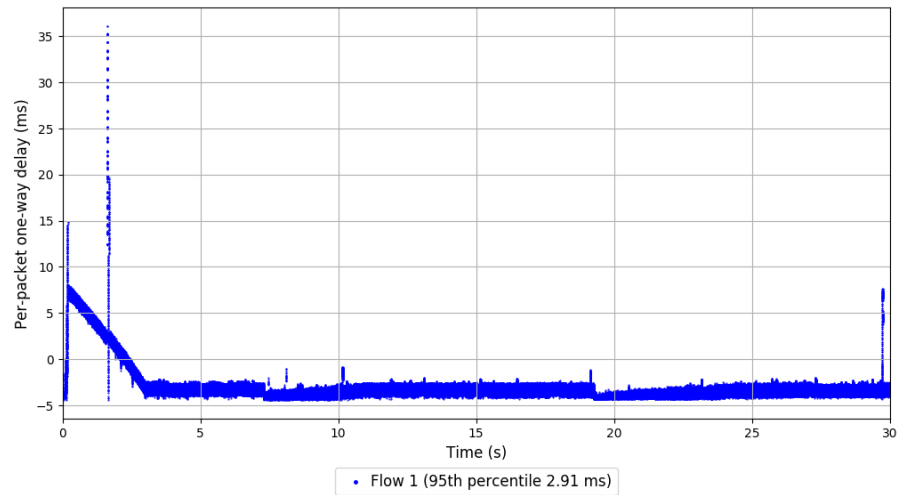
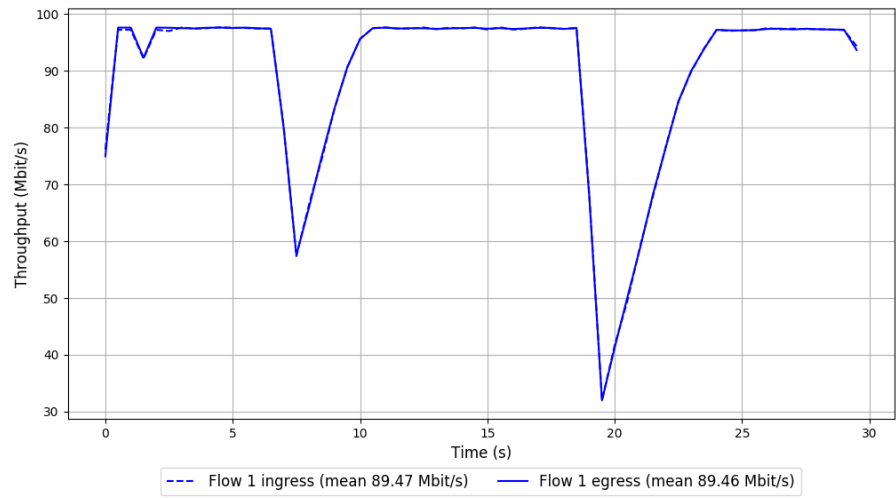


Run 8: Statistics of TCP Vegas

Start at: 2018-02-13 03:44:04
End at: 2018-02-13 03:44:34
Local clock offset: 2.504 ms
Remote clock offset: -17.335 ms

Below is generated by plot.py at 2018-02-13 05:29:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.46 Mbit/s
95th percentile per-packet one-way delay: 2.907 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 89.46 Mbit/s
95th percentile per-packet one-way delay: 2.907 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

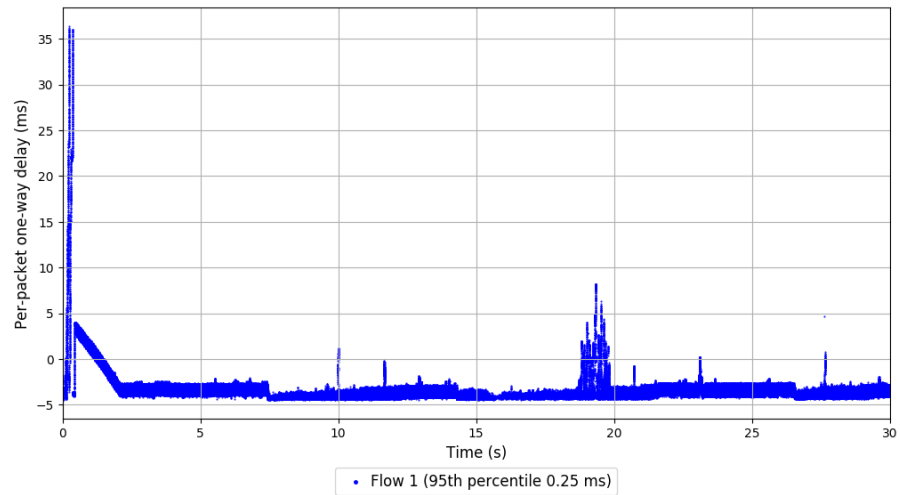
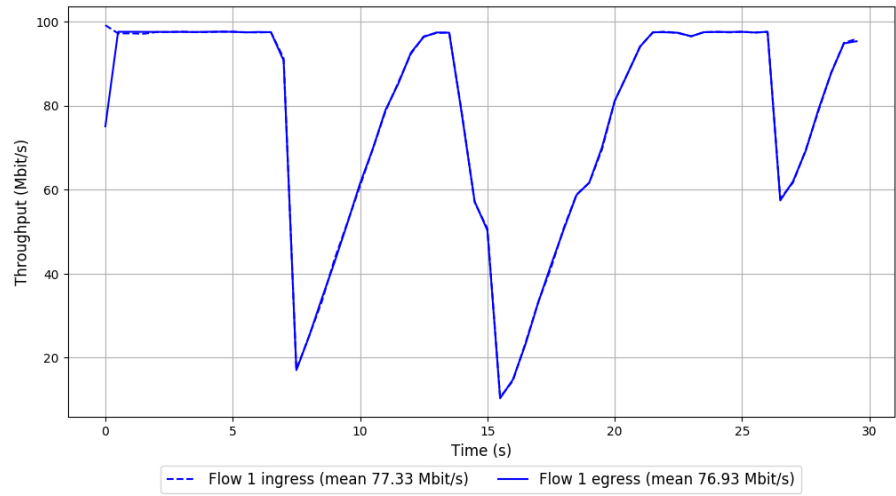


Run 9: Statistics of TCP Vegas

Start at: 2018-02-13 04:05:11
End at: 2018-02-13 04:05:41
Local clock offset: 1.322 ms
Remote clock offset: -24.065 ms

Below is generated by plot.py at 2018-02-13 05:29:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.93 Mbit/s
95th percentile per-packet one-way delay: 0.252 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 76.93 Mbit/s
95th percentile per-packet one-way delay: 0.252 ms
Loss rate: 0.51%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-02-13 04:26:36

End at: 2018-02-13 04:27:06

Local clock offset: 6.112 ms

Remote clock offset: -27.31 ms

Below is generated by plot.py at 2018-02-13 05:29:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.39 Mbit/s

95th percentile per-packet one-way delay: -2.472 ms

Loss rate: 0.16%

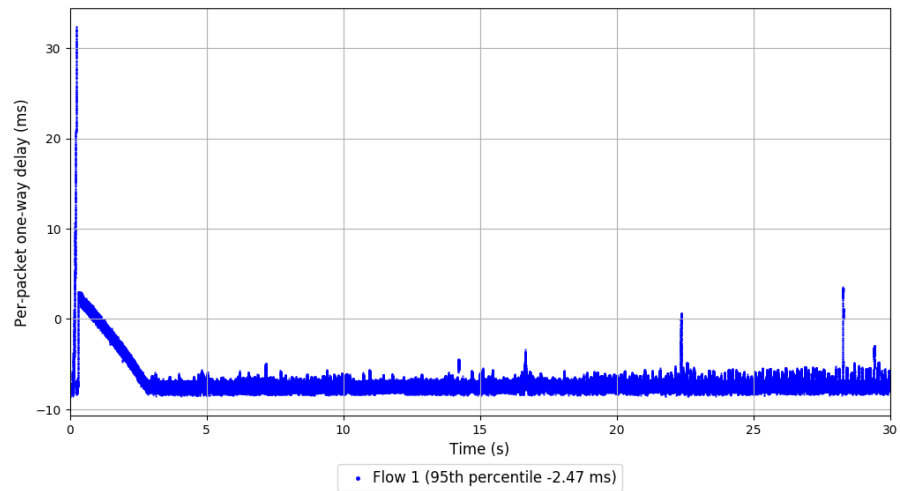
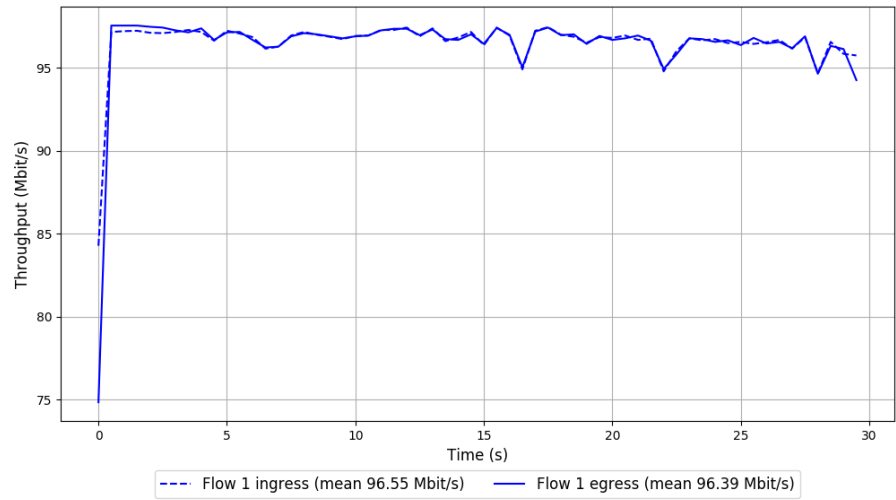
-- Flow 1:

Average throughput: 96.39 Mbit/s

95th percentile per-packet one-way delay: -2.472 ms

Loss rate: 0.16%

Run 10: Report of TCP Vegas — Data Link

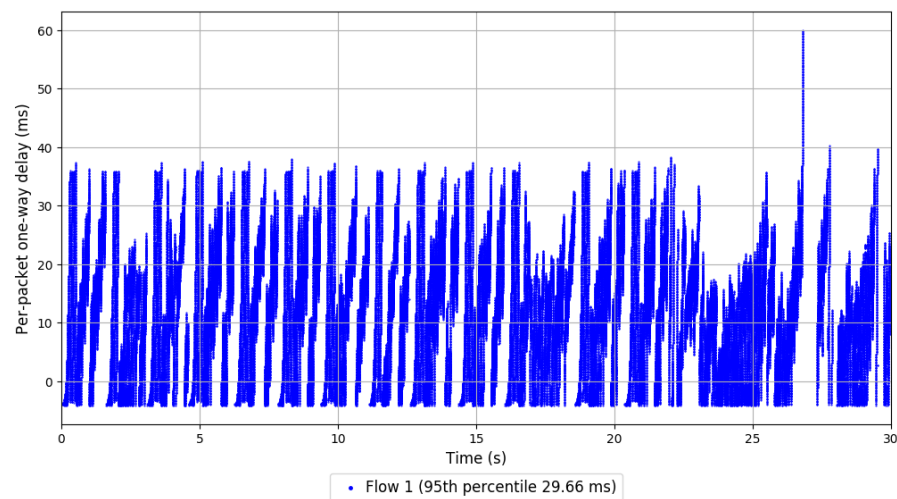
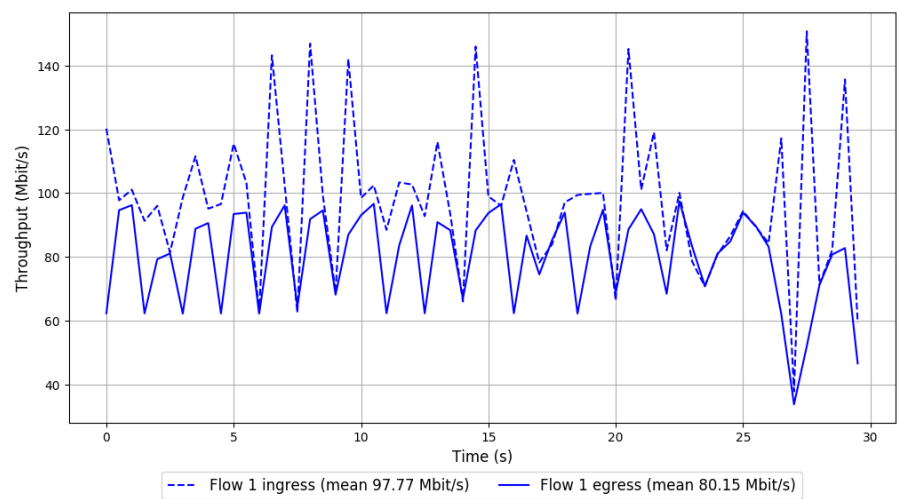


Run 1: Statistics of Verus

Start at: 2018-02-13 01:32:24
End at: 2018-02-13 01:32:54
Local clock offset: 2.225 ms
Remote clock offset: -19.26 ms

Below is generated by plot.py at 2018-02-13 05:29:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.15 Mbit/s
95th percentile per-packet one-way delay: 29.658 ms
Loss rate: 17.99%
-- Flow 1:
Average throughput: 80.15 Mbit/s
95th percentile per-packet one-way delay: 29.658 ms
Loss rate: 17.99%

Run 1: Report of Verus — Data Link

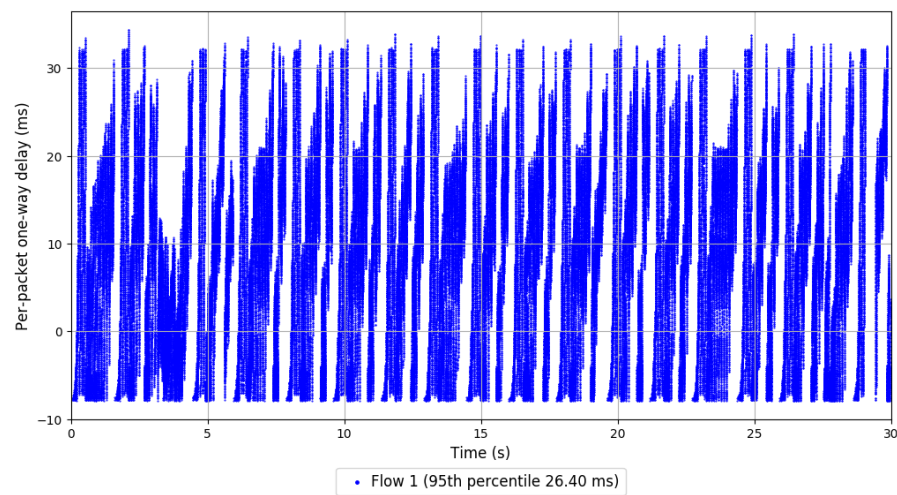
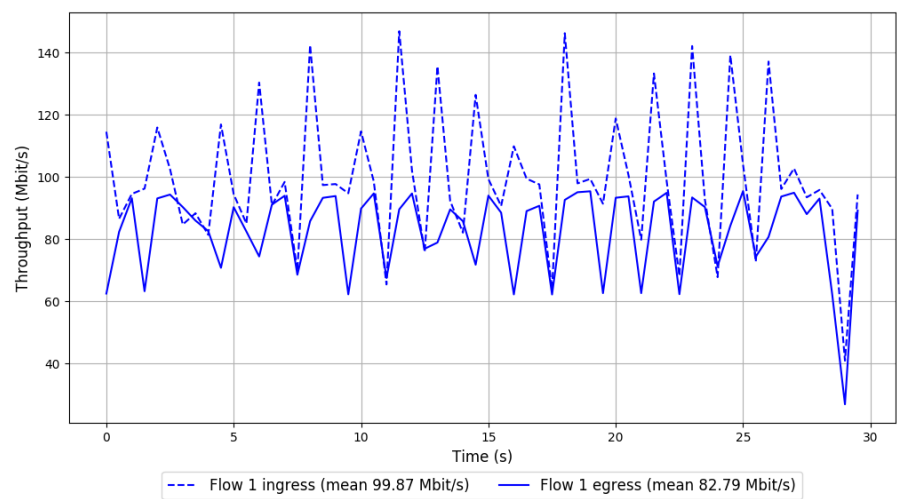


Run 2: Statistics of Verus

Start at: 2018-02-13 01:53:32
End at: 2018-02-13 01:54:02
Local clock offset: 3.874 ms
Remote clock offset: -20.627 ms

Below is generated by plot.py at 2018-02-13 05:29:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.79 Mbit/s
95th percentile per-packet one-way delay: 26.397 ms
Loss rate: 17.07%
-- Flow 1:
Average throughput: 82.79 Mbit/s
95th percentile per-packet one-way delay: 26.397 ms
Loss rate: 17.07%

Run 2: Report of Verus — Data Link

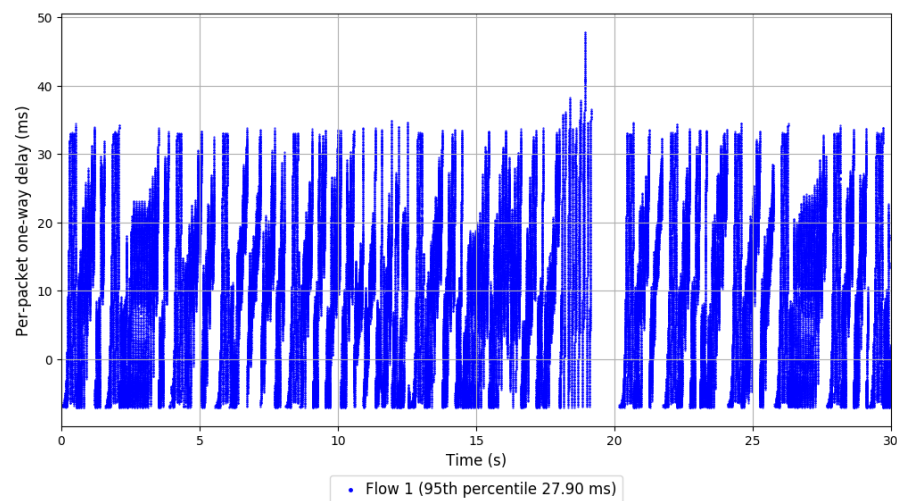
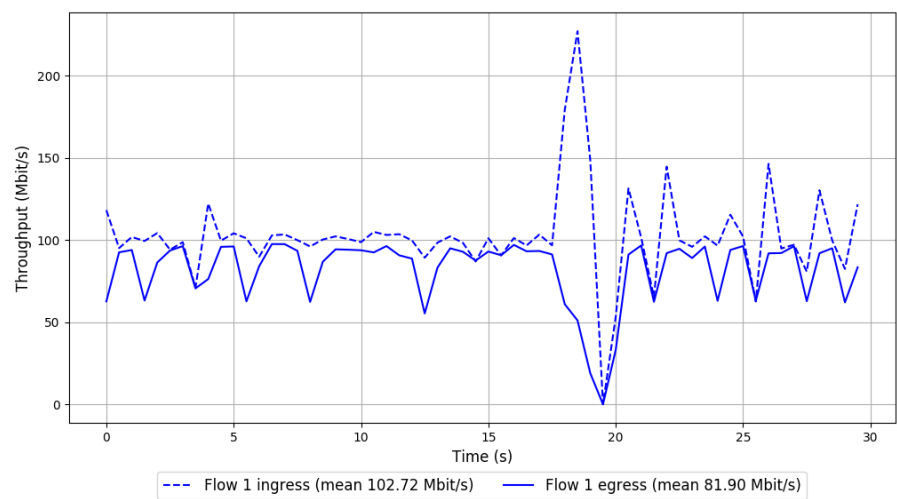


Run 3: Statistics of Verus

Start at: 2018-02-13 02:14:30
End at: 2018-02-13 02:15:00
Local clock offset: 4.465 ms
Remote clock offset: -19.036 ms

Below is generated by plot.py at 2018-02-13 05:30:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 81.90 Mbit/s
95th percentile per-packet one-way delay: 27.902 ms
Loss rate: 20.24%
-- Flow 1:
Average throughput: 81.90 Mbit/s
95th percentile per-packet one-way delay: 27.902 ms
Loss rate: 20.24%

Run 3: Report of Verus — Data Link

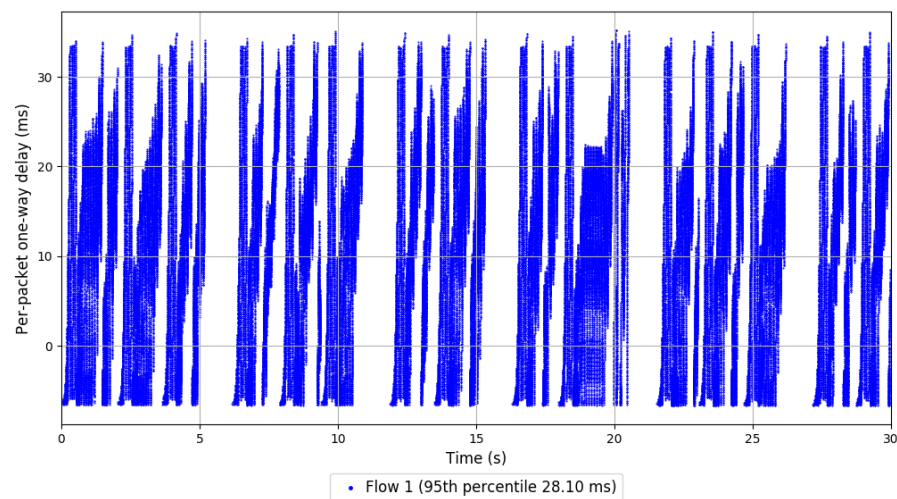
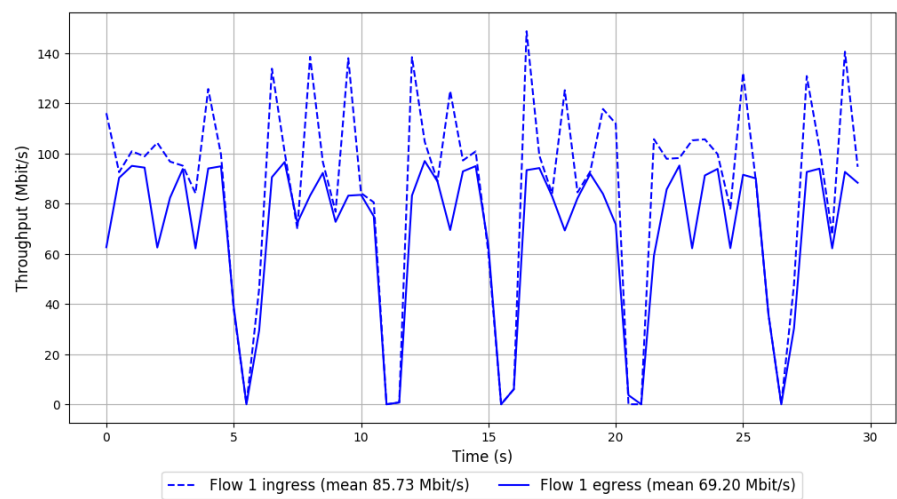


Run 4: Statistics of Verus

Start at: 2018-02-13 02:35:43
End at: 2018-02-13 02:36:13
Local clock offset: 4.442 ms
Remote clock offset: -13.788 ms

Below is generated by plot.py at 2018-02-13 05:30:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 69.20 Mbit/s
95th percentile per-packet one-way delay: 28.102 ms
Loss rate: 19.24%
-- Flow 1:
Average throughput: 69.20 Mbit/s
95th percentile per-packet one-way delay: 28.102 ms
Loss rate: 19.24%

Run 4: Report of Verus — Data Link

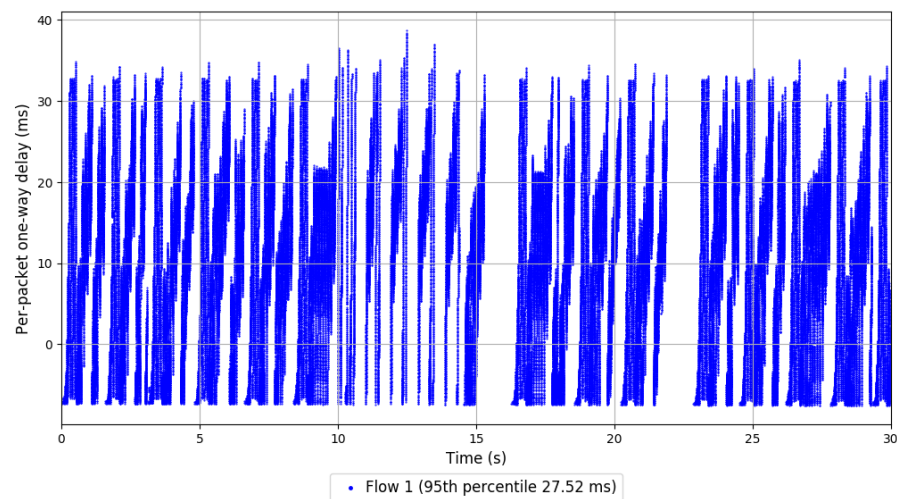
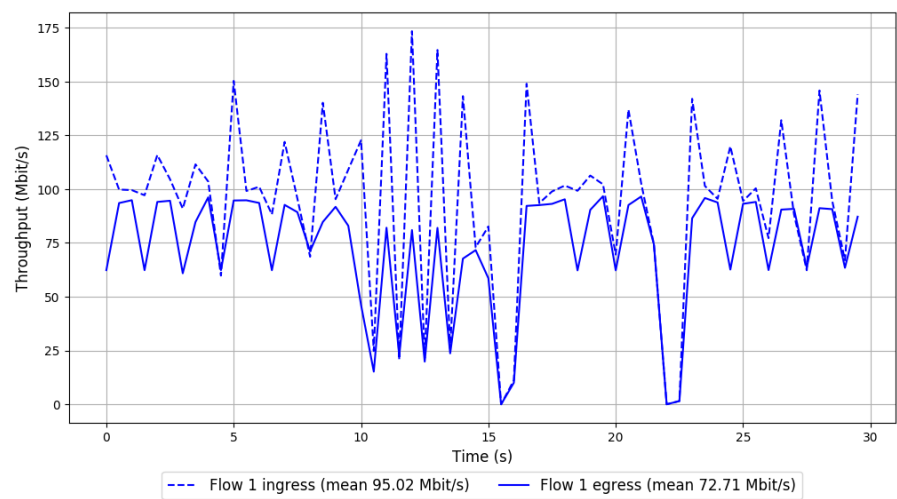


Run 5: Statistics of Verus

Start at: 2018-02-13 02:56:43
End at: 2018-02-13 02:57:13
Local clock offset: 2.116 ms
Remote clock offset: -13.736 ms

Below is generated by plot.py at 2018-02-13 05:30:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.71 Mbit/s
95th percentile per-packet one-way delay: 27.516 ms
Loss rate: 23.45%
-- Flow 1:
Average throughput: 72.71 Mbit/s
95th percentile per-packet one-way delay: 27.516 ms
Loss rate: 23.45%

Run 5: Report of Verus — Data Link

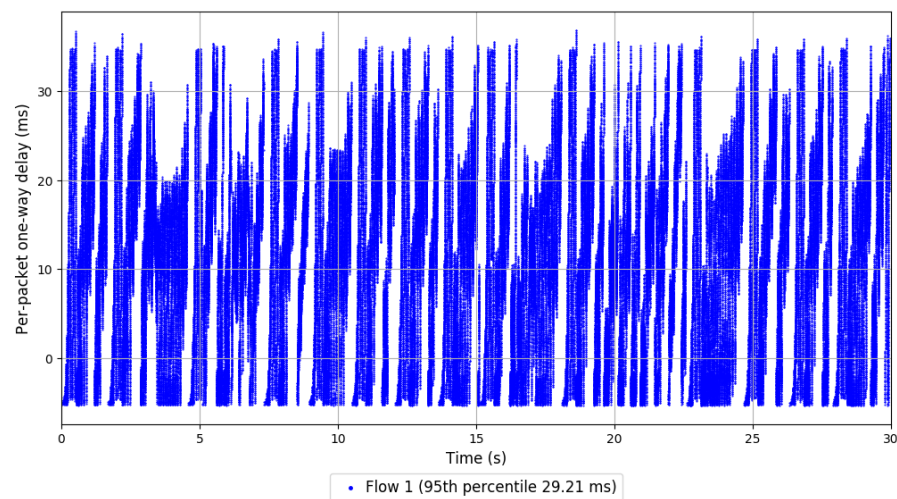
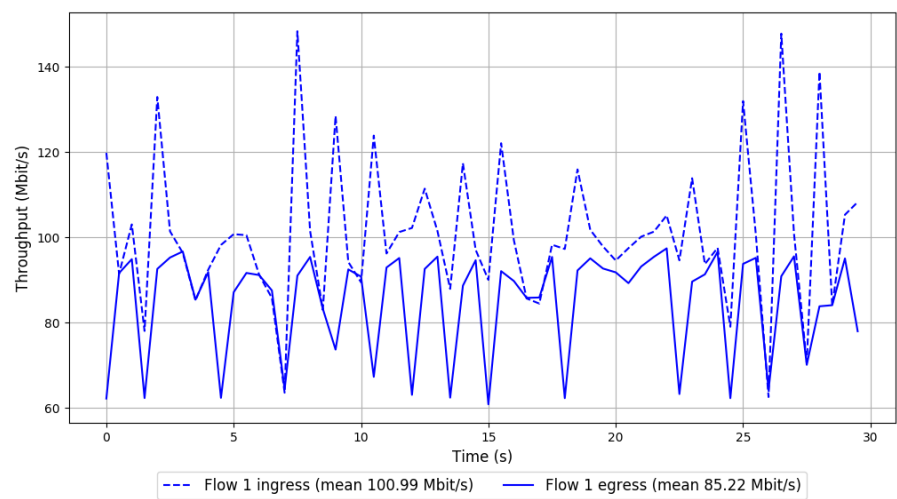


Run 6: Statistics of Verus

Start at: 2018-02-13 03:17:58
End at: 2018-02-13 03:18:28
Local clock offset: 2.256 ms
Remote clock offset: -7.667 ms

Below is generated by plot.py at 2018-02-13 05:30:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.22 Mbit/s
95th percentile per-packet one-way delay: 29.209 ms
Loss rate: 15.51%
-- Flow 1:
Average throughput: 85.22 Mbit/s
95th percentile per-packet one-way delay: 29.209 ms
Loss rate: 15.51%

Run 6: Report of Verus — Data Link

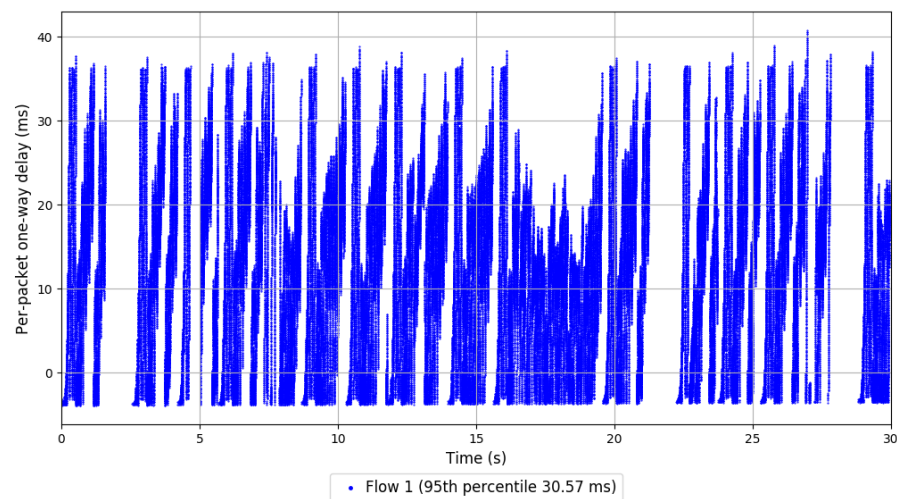
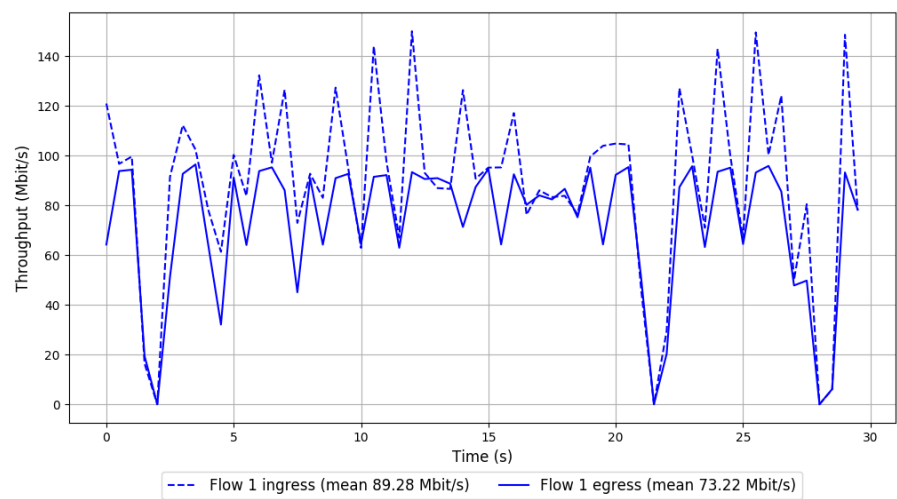


Run 7: Statistics of Verus

Start at: 2018-02-13 03:39:12
End at: 2018-02-13 03:39:42
Local clock offset: 1.544 ms
Remote clock offset: -14.999 ms

Below is generated by plot.py at 2018-02-13 05:30:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.22 Mbit/s
95th percentile per-packet one-way delay: 30.569 ms
Loss rate: 17.95%
-- Flow 1:
Average throughput: 73.22 Mbit/s
95th percentile per-packet one-way delay: 30.569 ms
Loss rate: 17.95%

Run 7: Report of Verus — Data Link

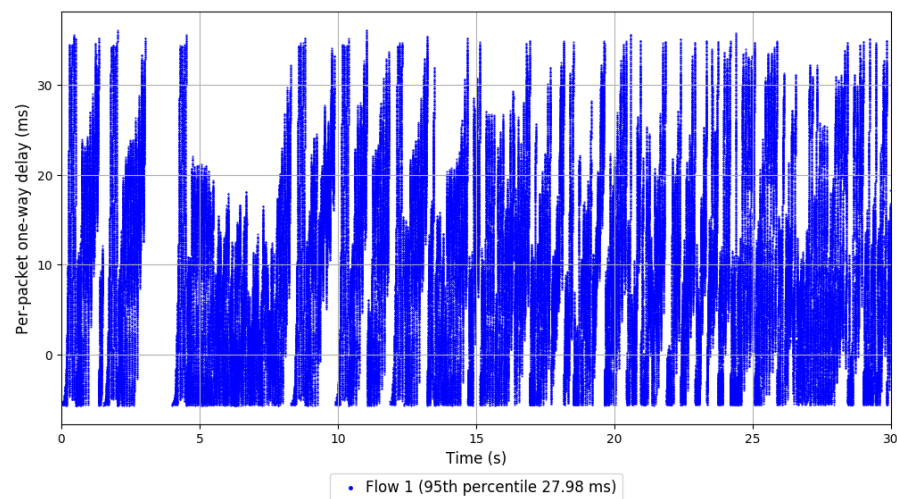
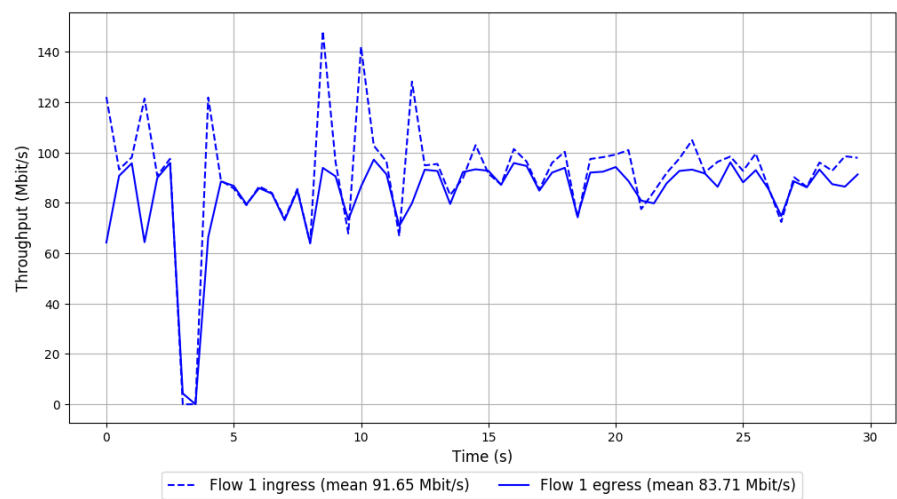


Run 8: Statistics of Verus

Start at: 2018-02-13 04:00:30
End at: 2018-02-13 04:01:00
Local clock offset: 2.094 ms
Remote clock offset: -23.428 ms

Below is generated by plot.py at 2018-02-13 05:31:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.71 Mbit/s
95th percentile per-packet one-way delay: 27.980 ms
Loss rate: 8.59%
-- Flow 1:
Average throughput: 83.71 Mbit/s
95th percentile per-packet one-way delay: 27.980 ms
Loss rate: 8.59%

Run 8: Report of Verus — Data Link

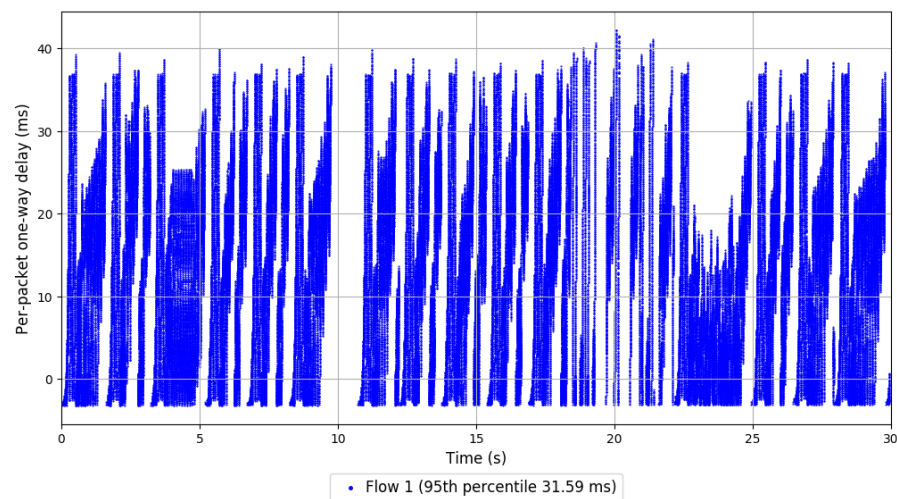
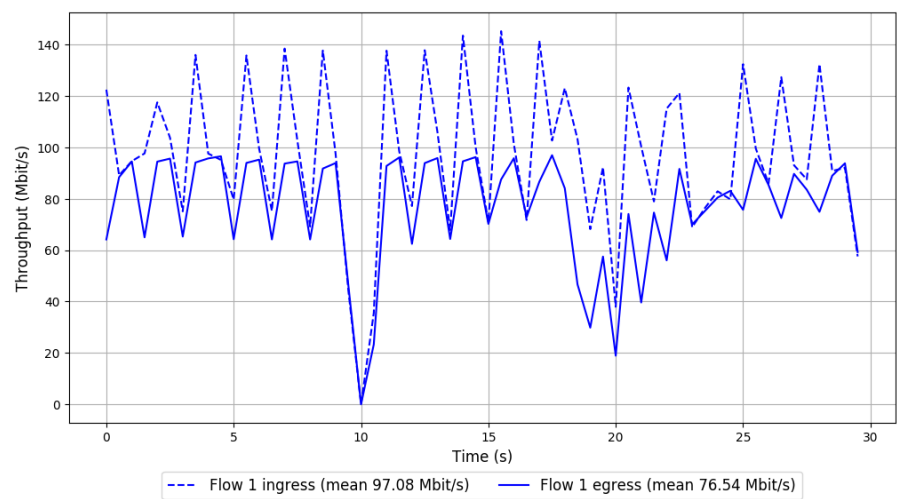


Run 9: Statistics of Verus

Start at: 2018-02-13 04:21:34
End at: 2018-02-13 04:22:04
Local clock offset: 1.422 ms
Remote clock offset: -25.546 ms

Below is generated by plot.py at 2018-02-13 05:31:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 76.54 Mbit/s
95th percentile per-packet one-way delay: 31.595 ms
Loss rate: 21.15%
-- Flow 1:
Average throughput: 76.54 Mbit/s
95th percentile per-packet one-way delay: 31.595 ms
Loss rate: 21.15%

Run 9: Report of Verus — Data Link

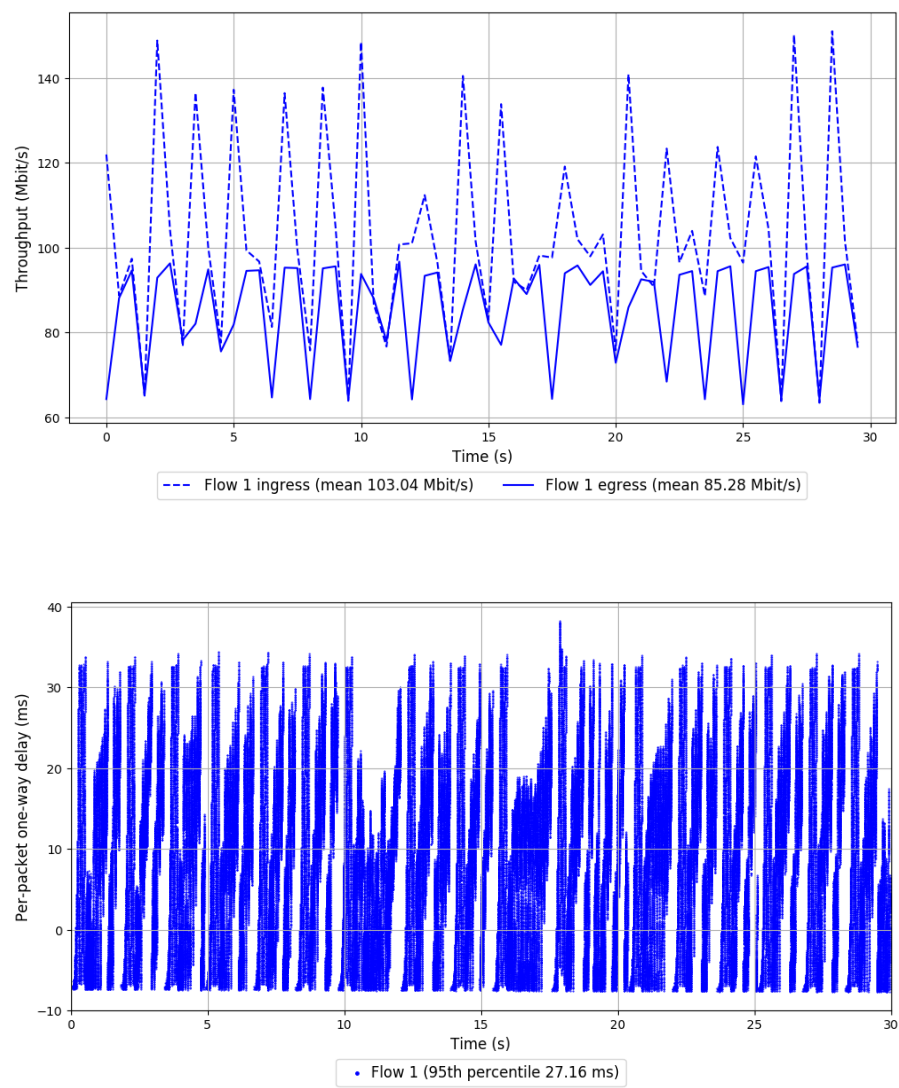


Run 10: Statistics of Verus

Start at: 2018-02-13 04:43:37
End at: 2018-02-13 04:44:07
Local clock offset: 5.659 ms
Remote clock offset: -23.979 ms

Below is generated by plot.py at 2018-02-13 05:31:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.28 Mbit/s
95th percentile per-packet one-way delay: 27.157 ms
Loss rate: 17.20%
-- Flow 1:
Average throughput: 85.28 Mbit/s
95th percentile per-packet one-way delay: 27.157 ms
Loss rate: 17.20%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-02-13 01:19:41

End at: 2018-02-13 01:20:11

Local clock offset: 2.251 ms

Remote clock offset: -17.258 ms

Below is generated by plot.py at 2018-02-13 05:31:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 43.77 Mbit/s

95th percentile per-packet one-way delay: -3.467 ms

Loss rate: 0.00%

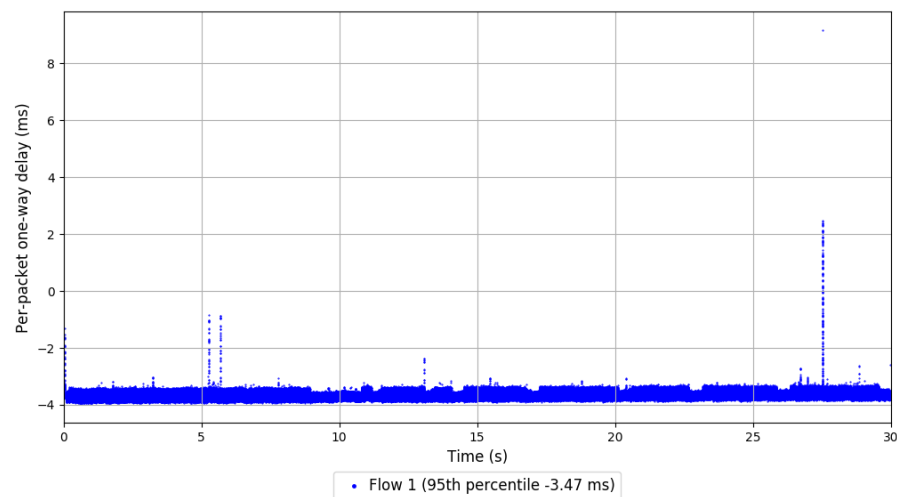
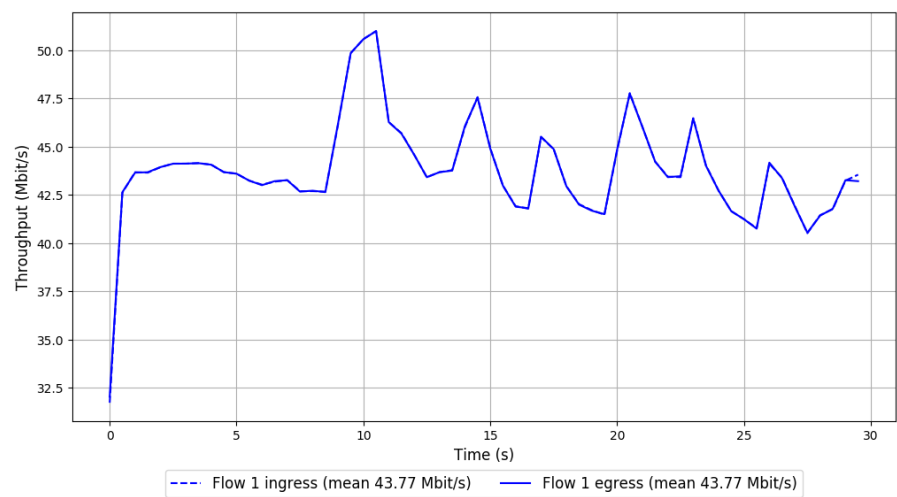
-- Flow 1:

Average throughput: 43.77 Mbit/s

95th percentile per-packet one-way delay: -3.467 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link

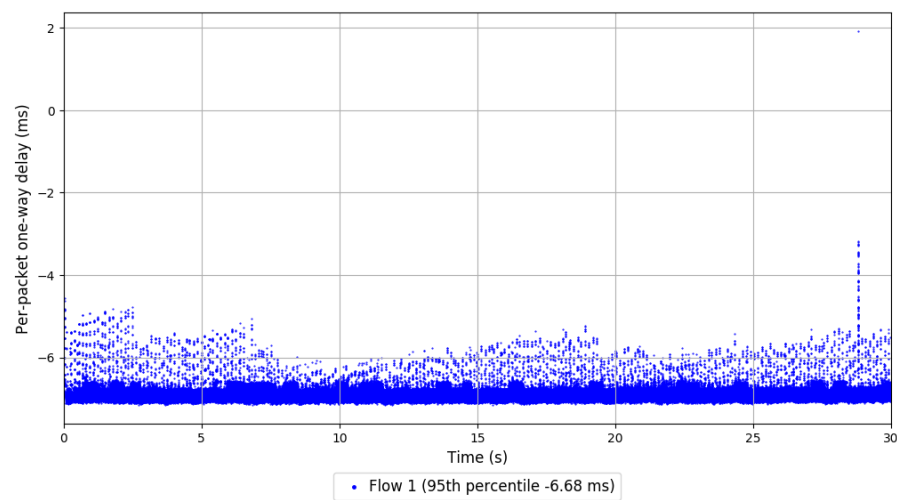
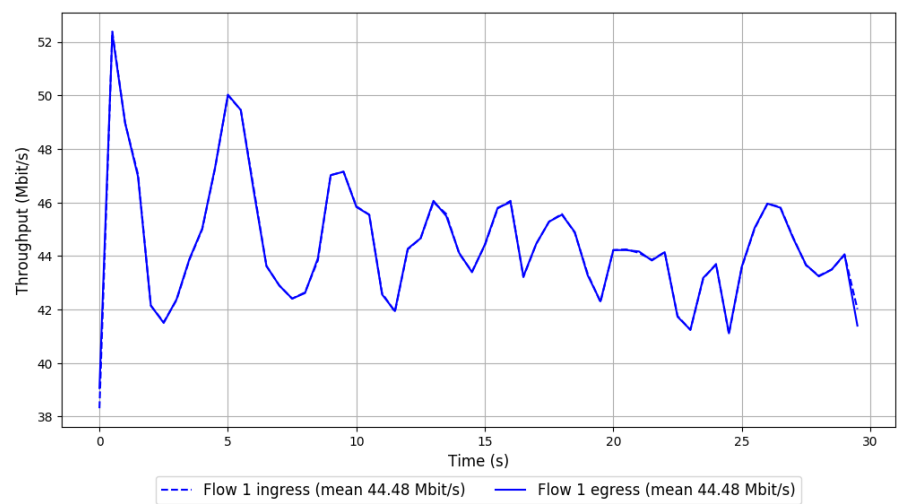


Run 2: Statistics of Copa

Start at: 2018-02-13 01:40:44
End at: 2018-02-13 01:41:14
Local clock offset: 2.434 ms
Remote clock offset: -22.326 ms

Below is generated by plot.py at 2018-02-13 05:31:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.48 Mbit/s
95th percentile per-packet one-way delay: -6.683 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.48 Mbit/s
95th percentile per-packet one-way delay: -6.683 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

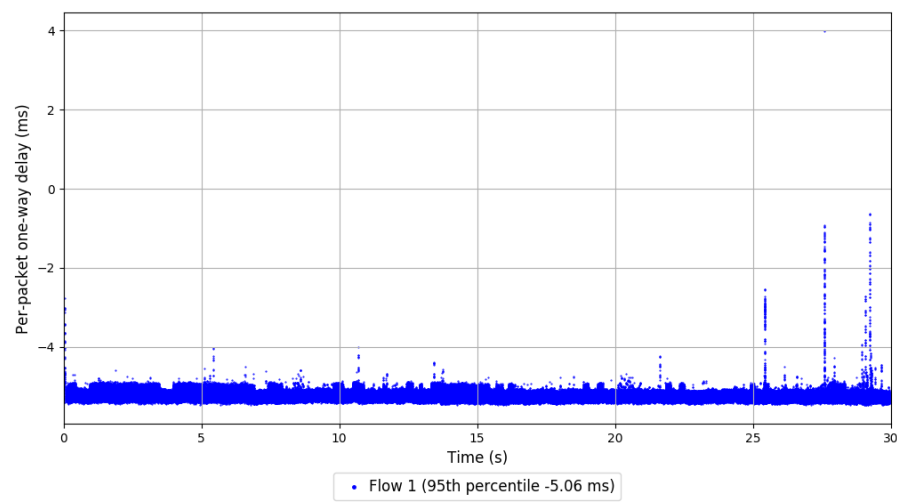
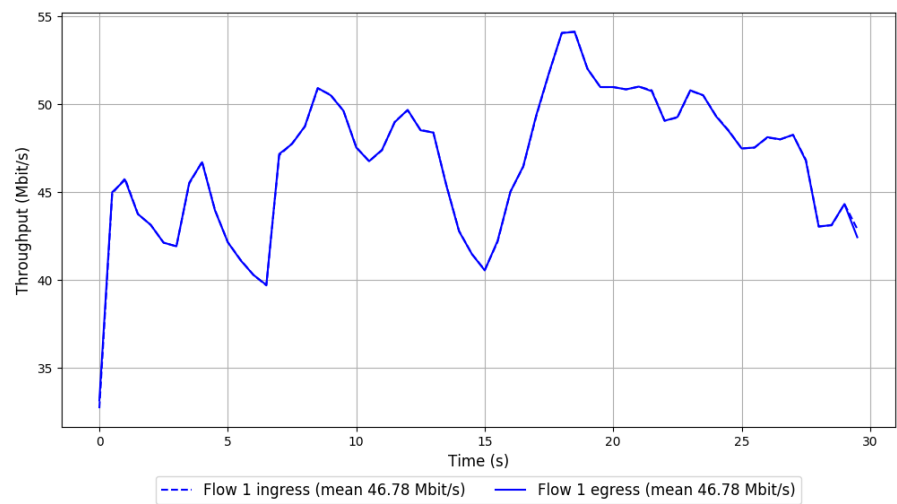


Run 3: Statistics of Copa

Start at: 2018-02-13 02:01:43
End at: 2018-02-13 02:02:13
Local clock offset: 2.06 ms
Remote clock offset: -19.867 ms

Below is generated by plot.py at 2018-02-13 05:31:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 46.78 Mbit/s
95th percentile per-packet one-way delay: -5.060 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.78 Mbit/s
95th percentile per-packet one-way delay: -5.060 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

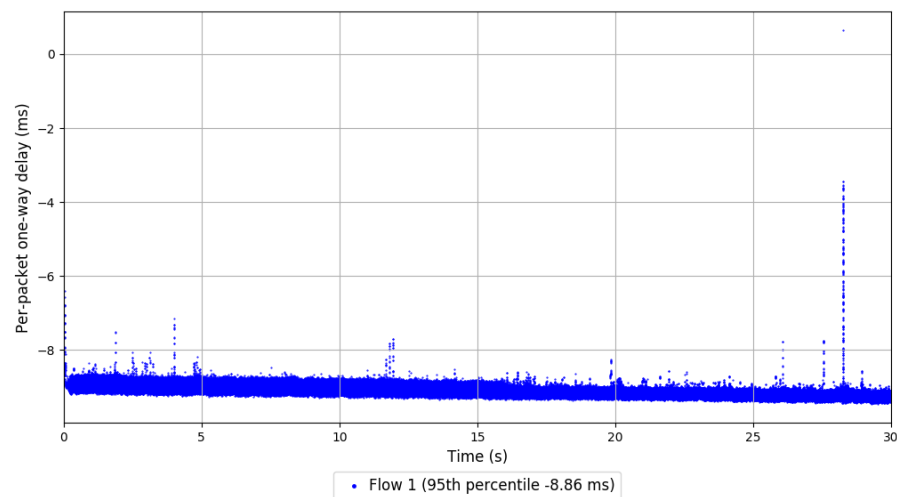
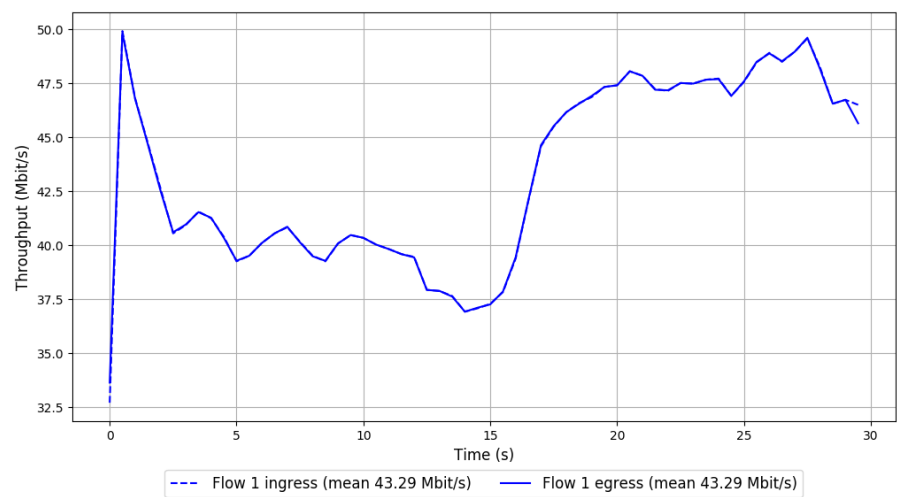


Run 4: Statistics of Copa

Start at: 2018-02-13 02:22:49
End at: 2018-02-13 02:23:19
Local clock offset: 6.194 ms
Remote clock offset: -18.948 ms

Below is generated by plot.py at 2018-02-13 05:32:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 43.29 Mbit/s
95th percentile per-packet one-way delay: -8.859 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.29 Mbit/s
95th percentile per-packet one-way delay: -8.859 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

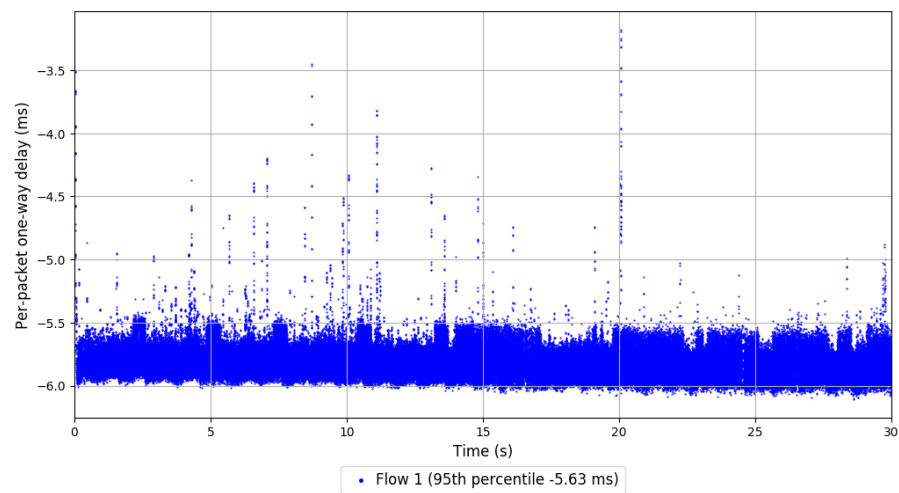
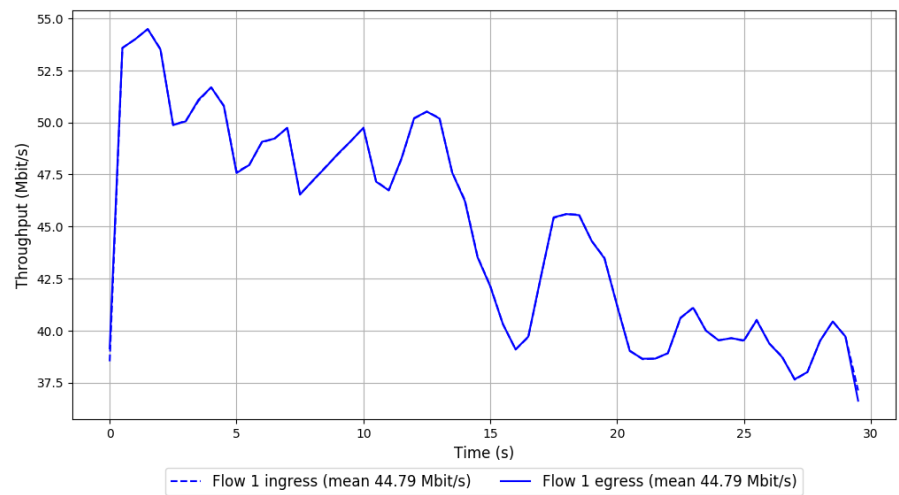


Run 5: Statistics of Copa

Start at: 2018-02-13 02:43:56
End at: 2018-02-13 02:44:26
Local clock offset: 3.684 ms
Remote clock offset: -12.651 ms

Below is generated by plot.py at 2018-02-13 05:32:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 44.79 Mbit/s
95th percentile per-packet one-way delay: -5.631 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.79 Mbit/s
95th percentile per-packet one-way delay: -5.631 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

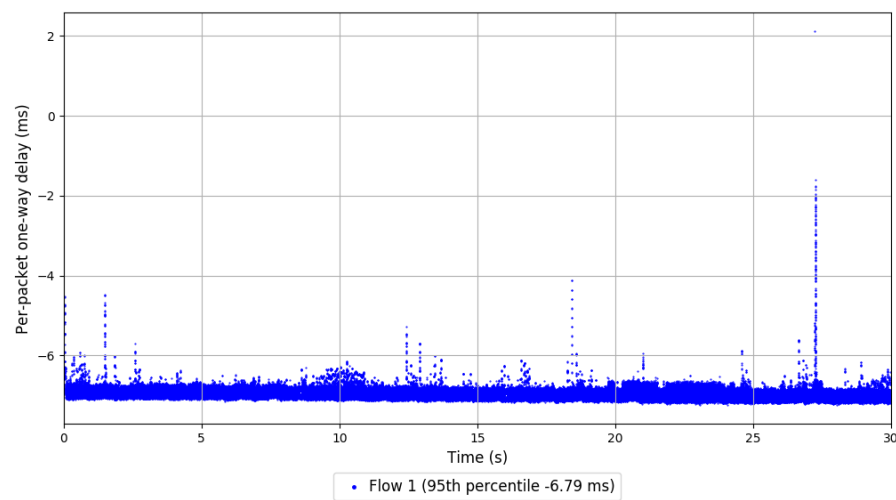
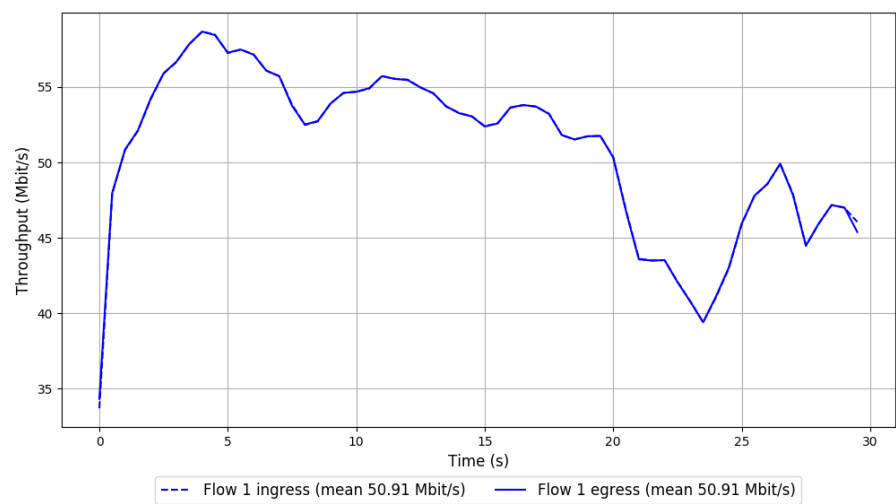


Run 6: Statistics of Copa

Start at: 2018-02-13 03:05:01
End at: 2018-02-13 03:05:31
Local clock offset: 3.979 ms
Remote clock offset: -9.532 ms

Below is generated by plot.py at 2018-02-13 05:32:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.91 Mbit/s
95th percentile per-packet one-way delay: -6.794 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.91 Mbit/s
95th percentile per-packet one-way delay: -6.794 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

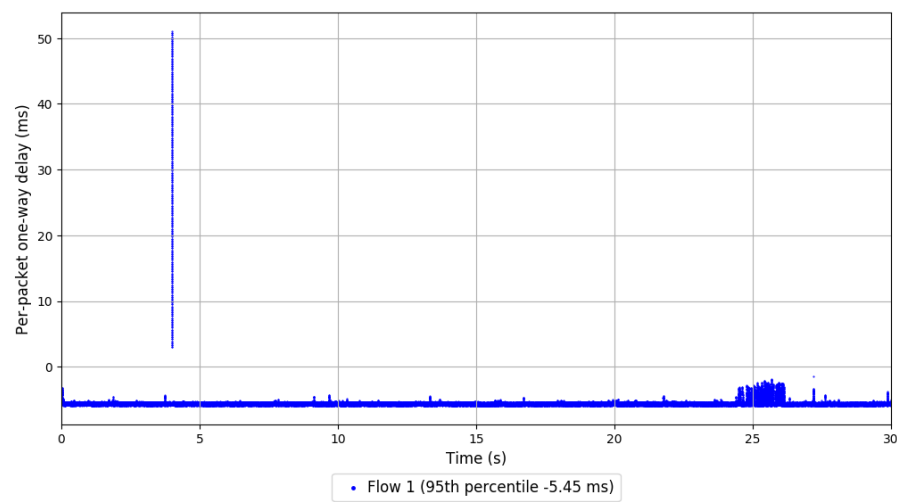
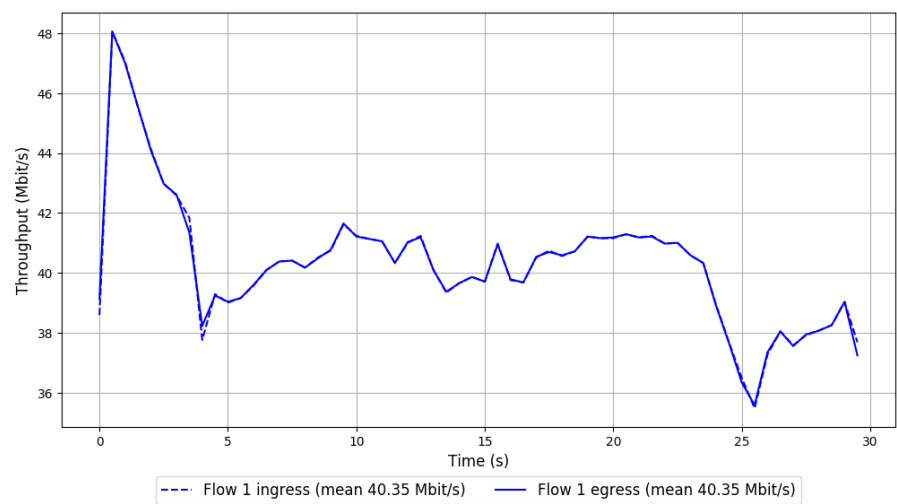


Run 7: Statistics of Copa

Start at: 2018-02-13 03:26:11
End at: 2018-02-13 03:26:41
Local clock offset: -2.719 ms
Remote clock offset: -12.398 ms

Below is generated by plot.py at 2018-02-13 05:32:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.35 Mbit/s
95th percentile per-packet one-way delay: -5.447 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.35 Mbit/s
95th percentile per-packet one-way delay: -5.447 ms
Loss rate: 0.00%

Run 7: Report of Copa — Data Link

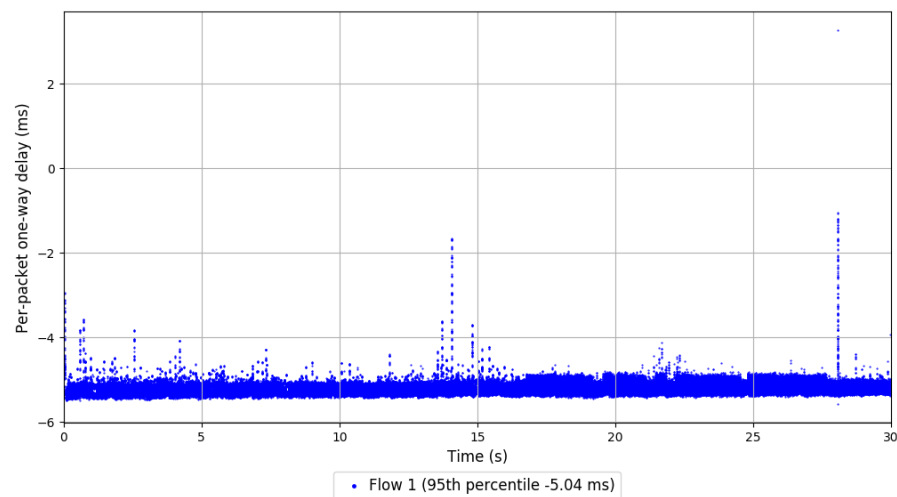
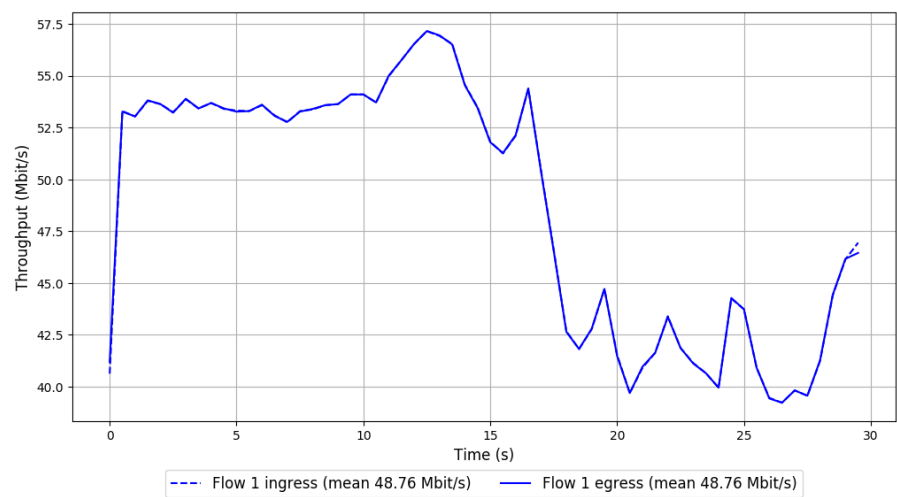


Run 8: Statistics of Copa

Start at: 2018-02-13 03:47:40
End at: 2018-02-13 03:48:10
Local clock offset: 3.304 ms
Remote clock offset: -18.818 ms

Below is generated by plot.py at 2018-02-13 05:32:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.76 Mbit/s
95th percentile per-packet one-way delay: -5.041 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 48.76 Mbit/s
95th percentile per-packet one-way delay: -5.041 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

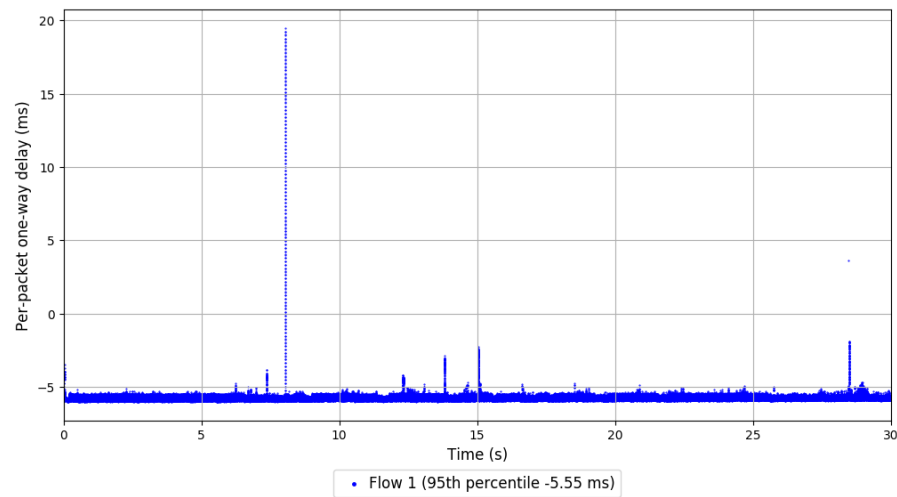
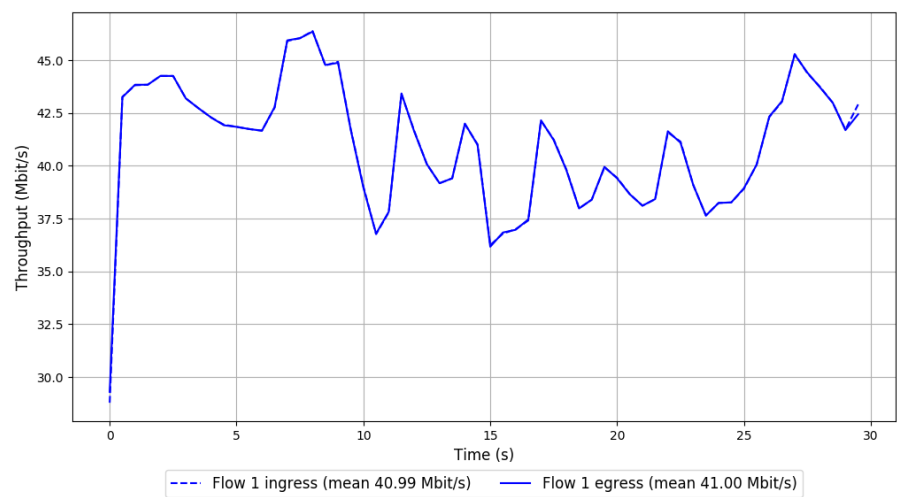


Run 9: Statistics of Copa

Start at: 2018-02-13 04:08:40
End at: 2018-02-13 04:09:10
Local clock offset: 3.027 ms
Remote clock offset: -24.718 ms

Below is generated by plot.py at 2018-02-13 05:32:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 41.00 Mbit/s
95th percentile per-packet one-way delay: -5.555 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.00 Mbit/s
95th percentile per-packet one-way delay: -5.555 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

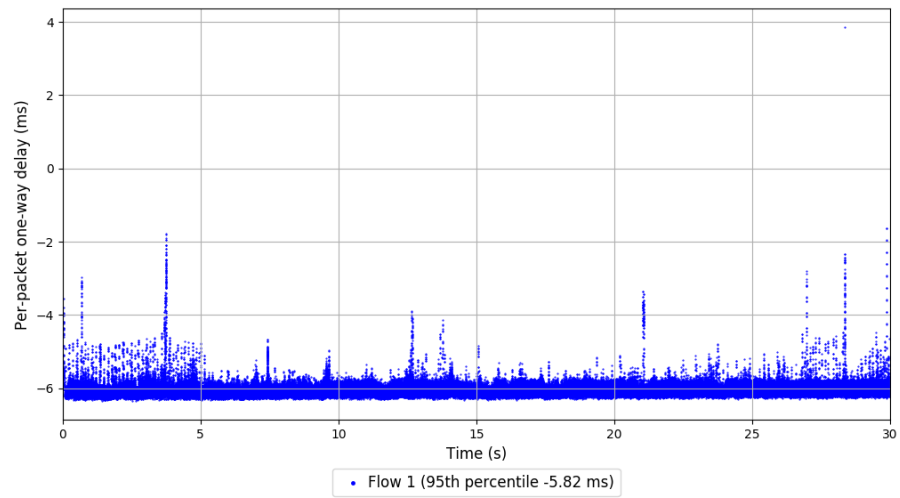
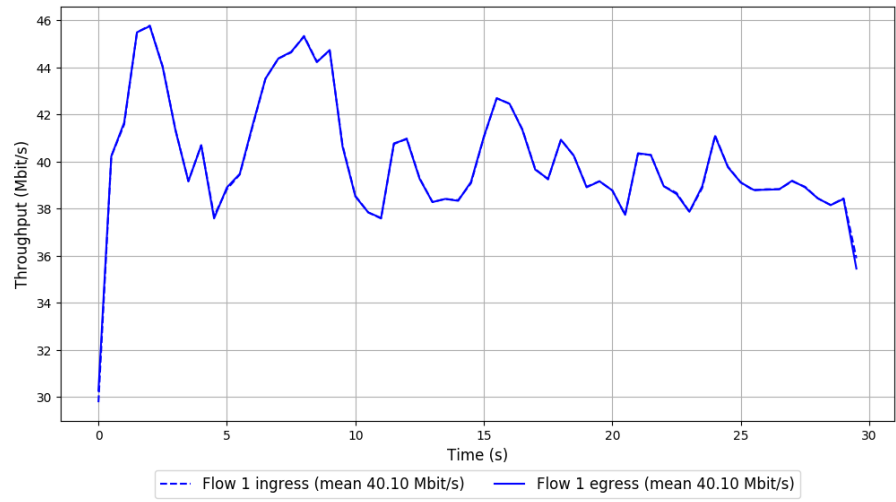


Run 10: Statistics of Copa

Start at: 2018-02-13 04:30:16
End at: 2018-02-13 04:30:46
Local clock offset: 4.337 ms
Remote clock offset: -27.325 ms

Below is generated by plot.py at 2018-02-13 05:32:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 40.10 Mbit/s
95th percentile per-packet one-way delay: -5.823 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.10 Mbit/s
95th percentile per-packet one-way delay: -5.823 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

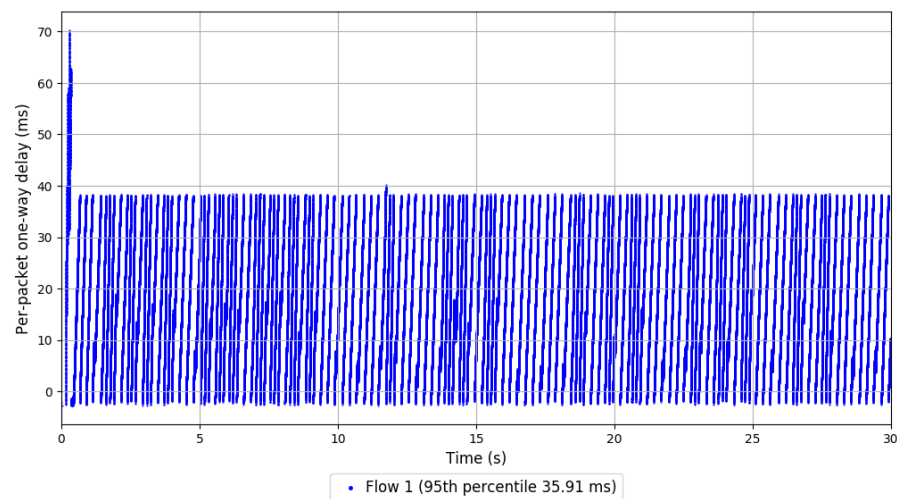
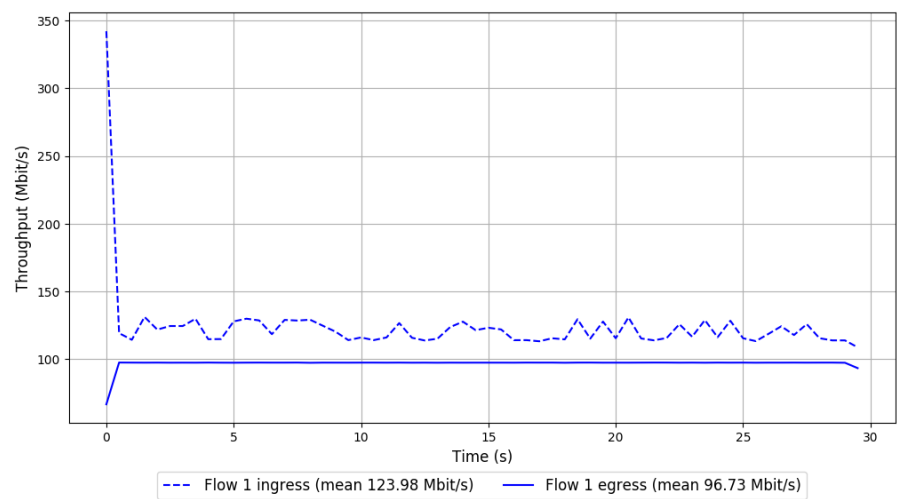


Run 1: Statistics of FillP

Start at: 2018-02-13 01:20:50
End at: 2018-02-13 01:21:20
Local clock offset: 0.287 ms
Remote clock offset: -18.272 ms

Below is generated by plot.py at 2018-02-13 05:33:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 35.909 ms
Loss rate: 21.95%
-- Flow 1:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 35.909 ms
Loss rate: 21.95%

Run 1: Report of FillP — Data Link

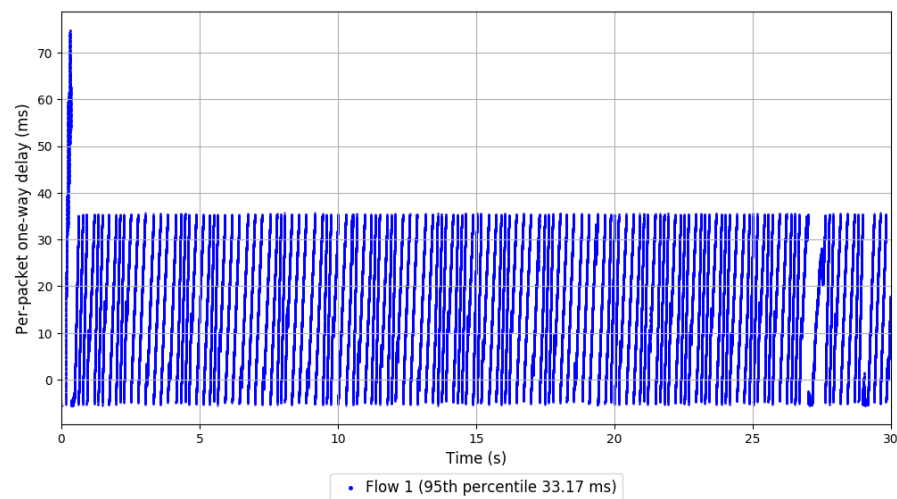
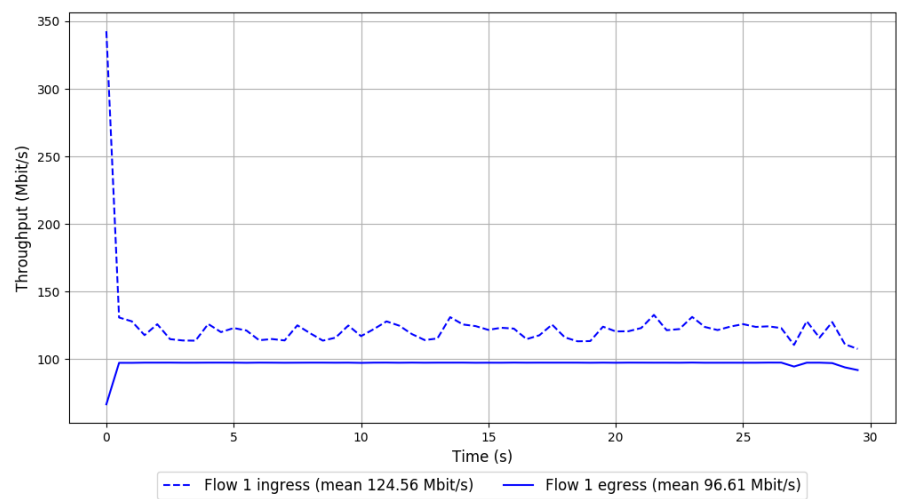


Run 2: Statistics of FillP

Start at: 2018-02-13 01:41:55
End at: 2018-02-13 01:42:25
Local clock offset: 3.011 ms
Remote clock offset: -20.206 ms

Below is generated by plot.py at 2018-02-13 05:33:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.61 Mbit/s
95th percentile per-packet one-way delay: 33.166 ms
Loss rate: 22.38%
-- Flow 1:
Average throughput: 96.61 Mbit/s
95th percentile per-packet one-way delay: 33.166 ms
Loss rate: 22.38%

Run 2: Report of FillP — Data Link

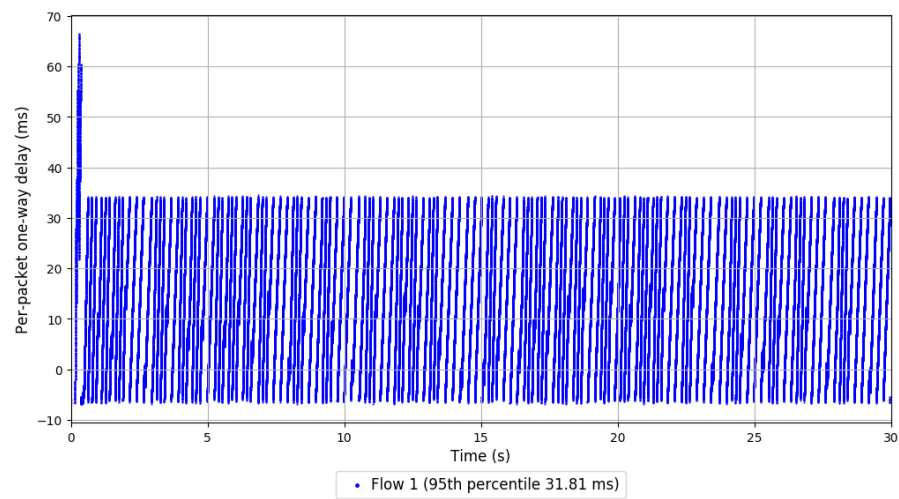
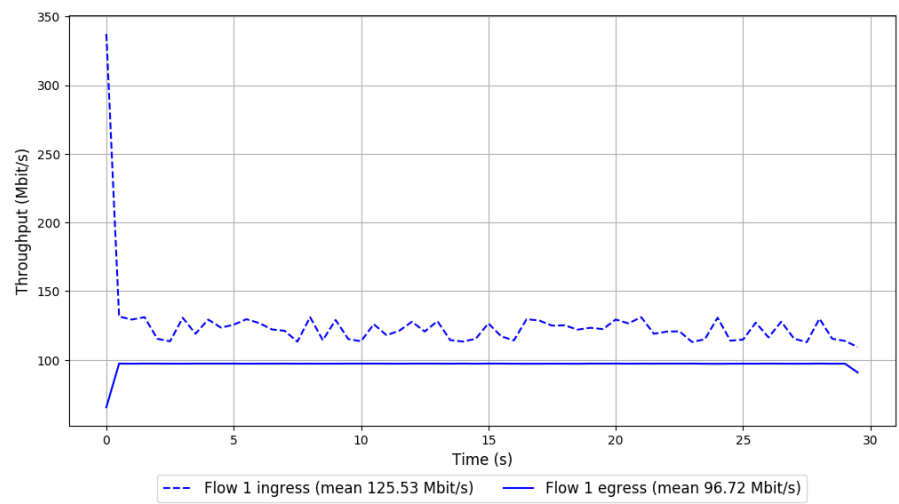


Run 3: Statistics of FillP

Start at: 2018-02-13 02:02:53
End at: 2018-02-13 02:03:23
Local clock offset: 4.227 ms
Remote clock offset: -18.992 ms

Below is generated by plot.py at 2018-02-13 05:33:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.72 Mbit/s
95th percentile per-packet one-way delay: 31.806 ms
Loss rate: 22.95%
-- Flow 1:
Average throughput: 96.72 Mbit/s
95th percentile per-packet one-way delay: 31.806 ms
Loss rate: 22.95%

Run 3: Report of FillP — Data Link

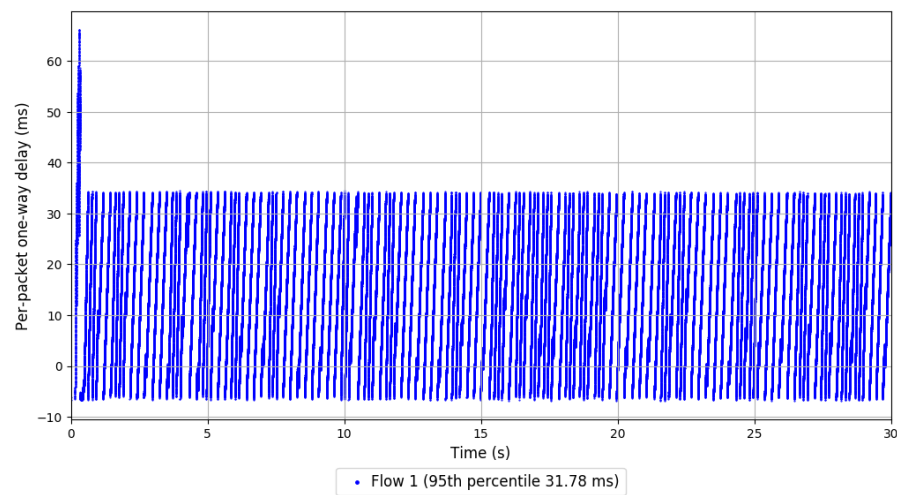
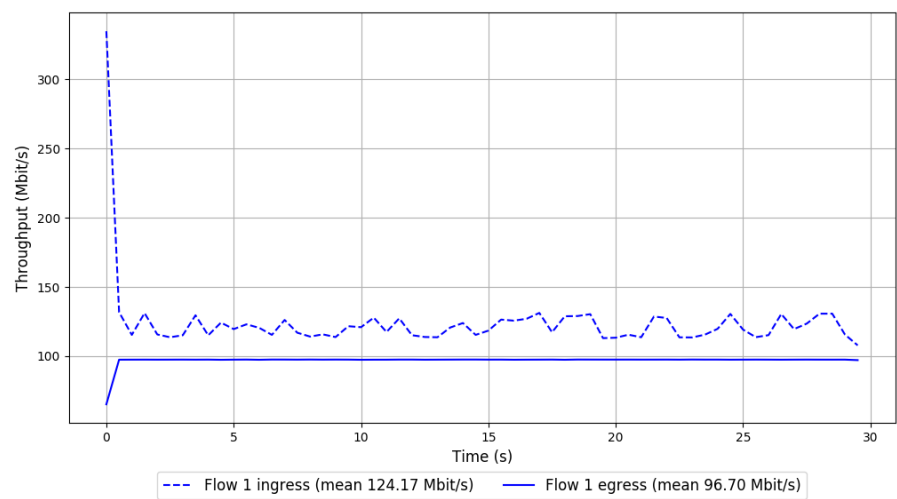


Run 4: Statistics of FillP

Start at: 2018-02-13 02:23:59
End at: 2018-02-13 02:24:29
Local clock offset: 3.773 ms
Remote clock offset: -18.275 ms

Below is generated by plot.py at 2018-02-13 05:33:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 31.783 ms
Loss rate: 22.04%
-- Flow 1:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 31.783 ms
Loss rate: 22.04%

Run 4: Report of FillP — Data Link

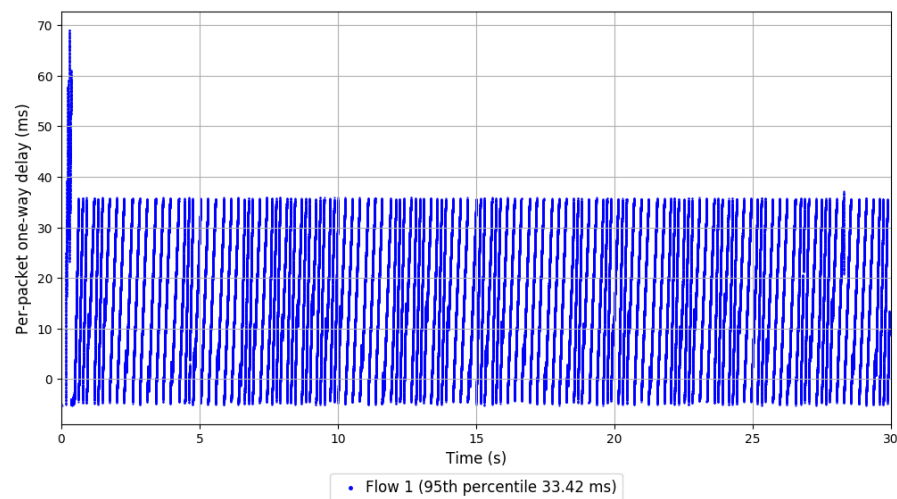
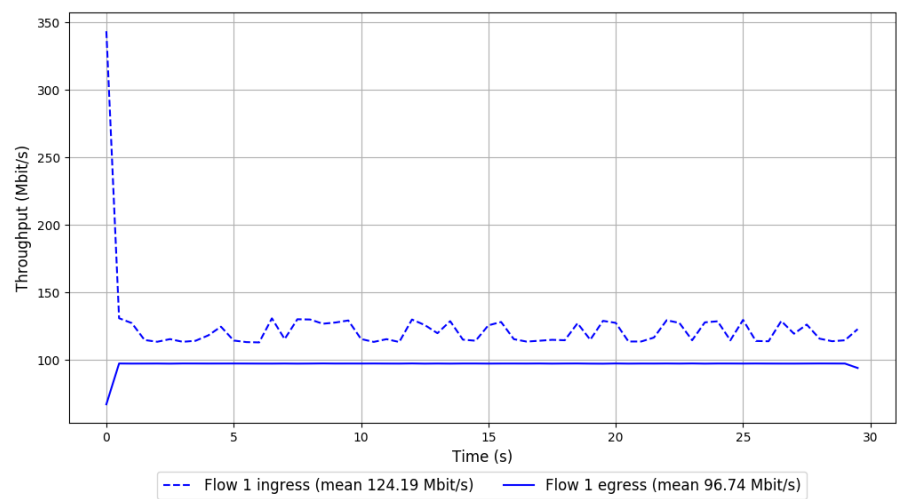


Run 5: Statistics of FillP

Start at: 2018-02-13 02:45:06
End at: 2018-02-13 02:45:36
Local clock offset: 1.525 ms
Remote clock offset: -13.731 ms

Below is generated by plot.py at 2018-02-13 05:34:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 33.424 ms
Loss rate: 22.05%
-- Flow 1:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 33.424 ms
Loss rate: 22.05%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-02-13 03:06:11

End at: 2018-02-13 03:06:41

Local clock offset: 3.838 ms

Remote clock offset: -10.927 ms

Below is generated by plot.py at 2018-02-13 05:34:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.69 Mbit/s

95th percentile per-packet one-way delay: 30.037 ms

Loss rate: 21.78%

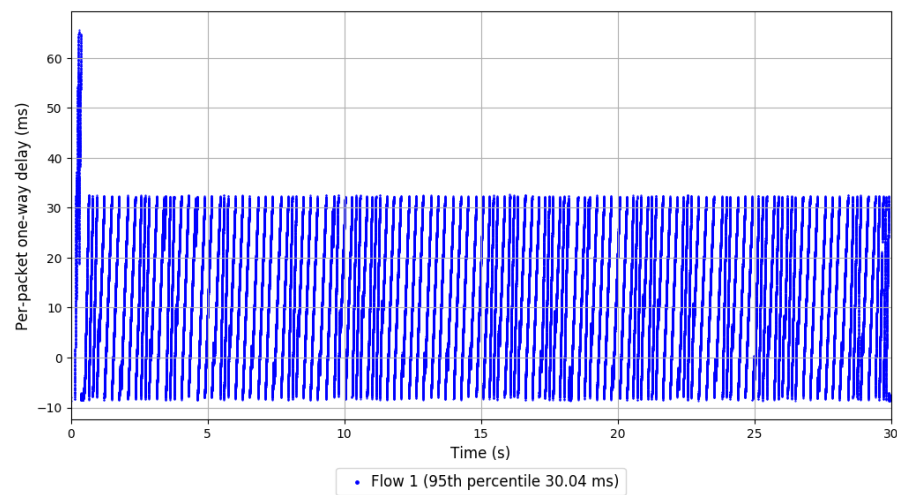
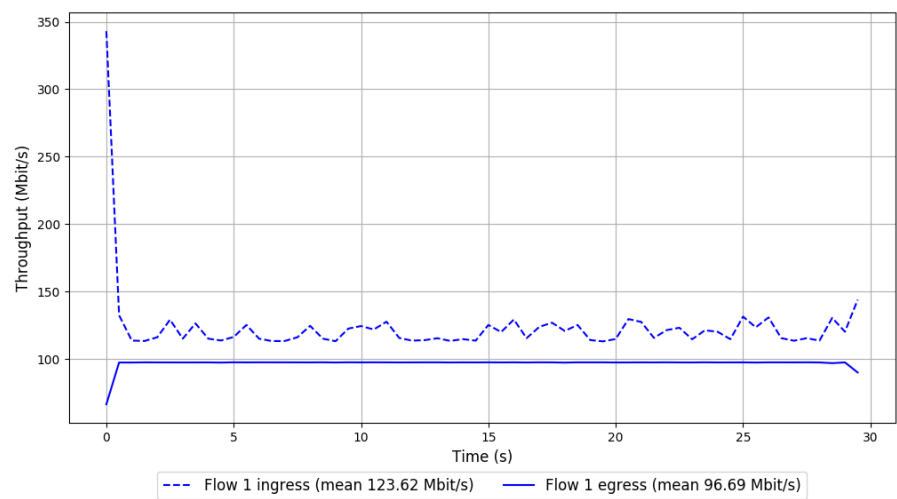
-- Flow 1:

Average throughput: 96.69 Mbit/s

95th percentile per-packet one-way delay: 30.037 ms

Loss rate: 21.78%

Run 6: Report of FillP — Data Link

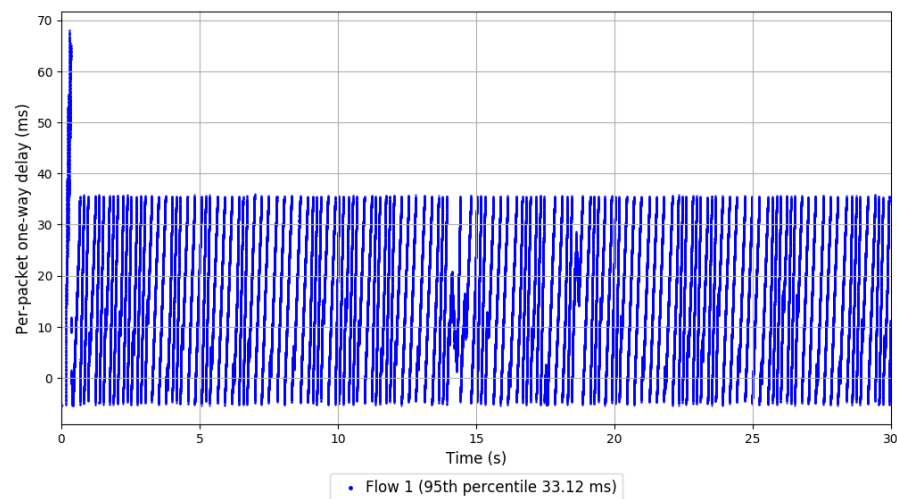
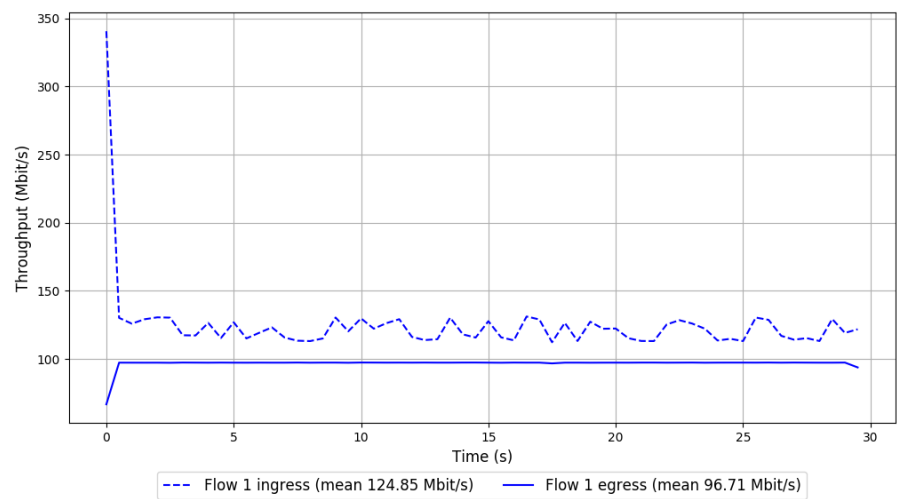


Run 7: Statistics of FillP

Start at: 2018-02-13 03:27:20
End at: 2018-02-13 03:27:50
Local clock offset: 0.951 ms
Remote clock offset: -8.195 ms

Below is generated by plot.py at 2018-02-13 05:34:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.71 Mbit/s
95th percentile per-packet one-way delay: 33.125 ms
Loss rate: 22.49%
-- Flow 1:
Average throughput: 96.71 Mbit/s
95th percentile per-packet one-way delay: 33.125 ms
Loss rate: 22.49%

Run 7: Report of FillP — Data Link

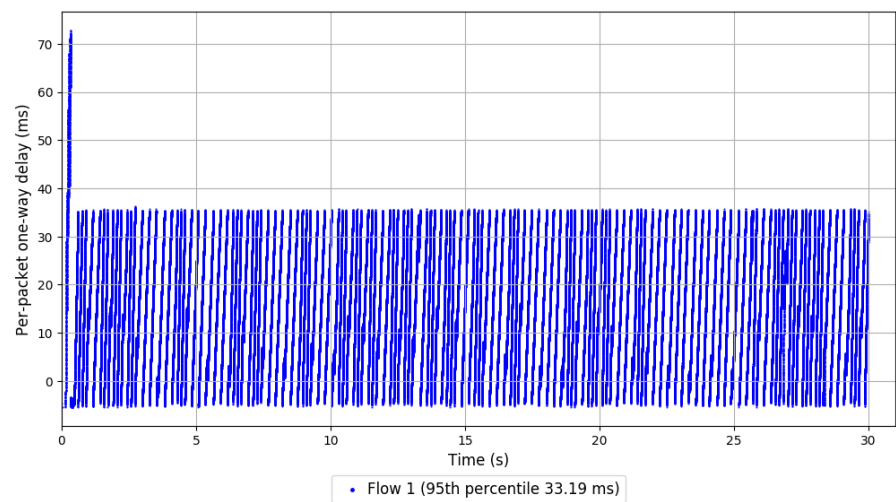
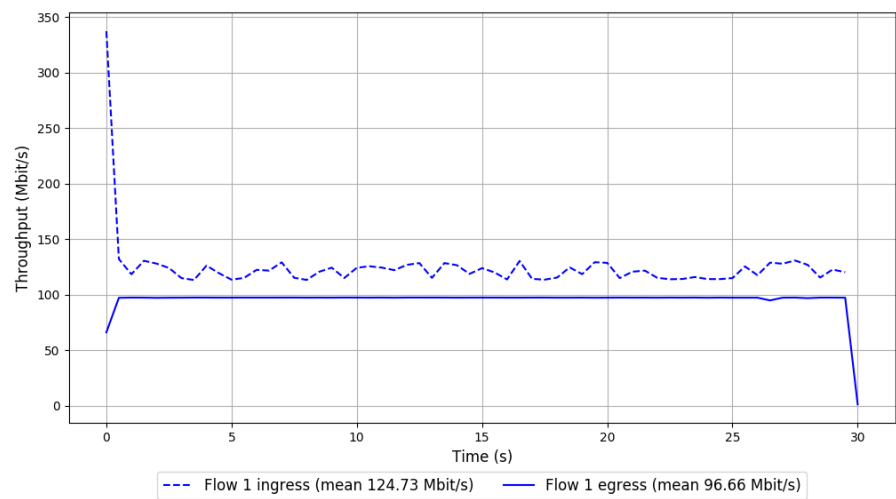


Run 8: Statistics of FillP

Start at: 2018-02-13 03:48:52
End at: 2018-02-13 03:49:22
Local clock offset: 2.067 ms
Remote clock offset: -20.427 ms

Below is generated by plot.py at 2018-02-13 05:34:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.66 Mbit/s
95th percentile per-packet one-way delay: 33.193 ms
Loss rate: 22.40%
-- Flow 1:
Average throughput: 96.66 Mbit/s
95th percentile per-packet one-way delay: 33.193 ms
Loss rate: 22.40%

Run 8: Report of FillP — Data Link

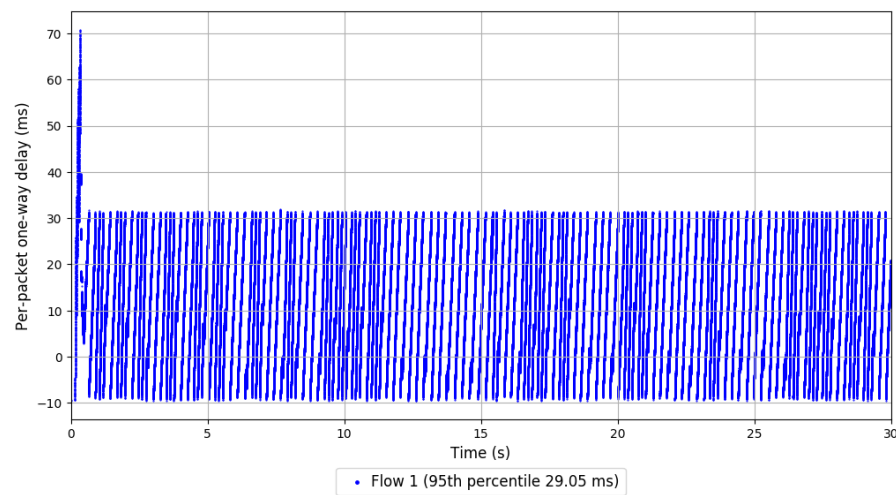
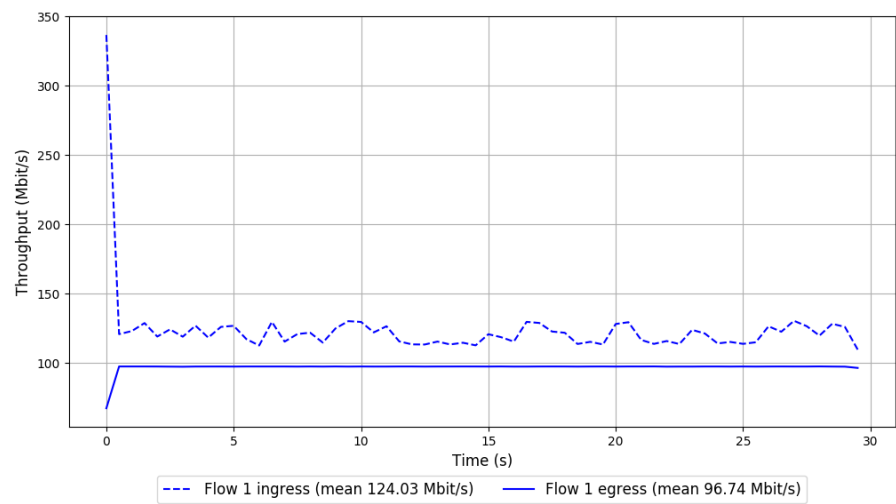


Run 9: Statistics of FillP

Start at: 2018-02-13 04:09:50
End at: 2018-02-13 04:10:20
Local clock offset: 5.859 ms
Remote clock offset: -25.734 ms

Below is generated by plot.py at 2018-02-13 05:35:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 29.052 ms
Loss rate: 21.92%
-- Flow 1:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 29.052 ms
Loss rate: 21.92%

Run 9: Report of FillP — Data Link

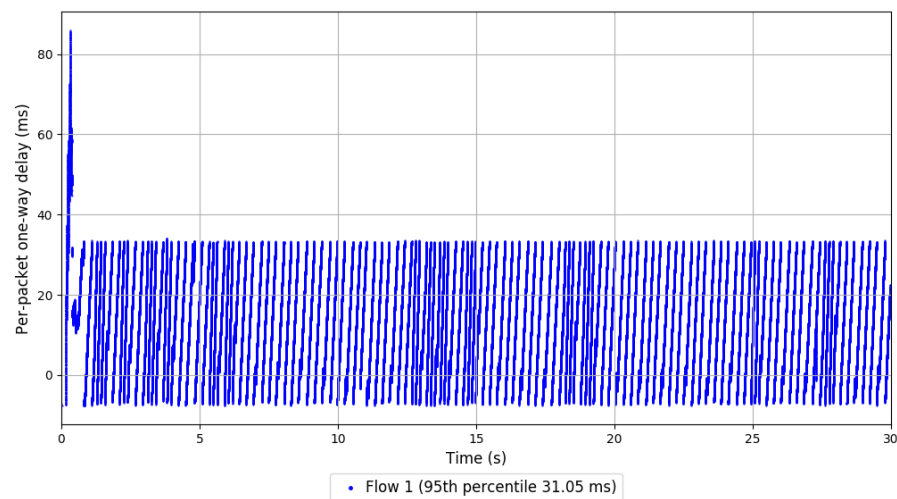
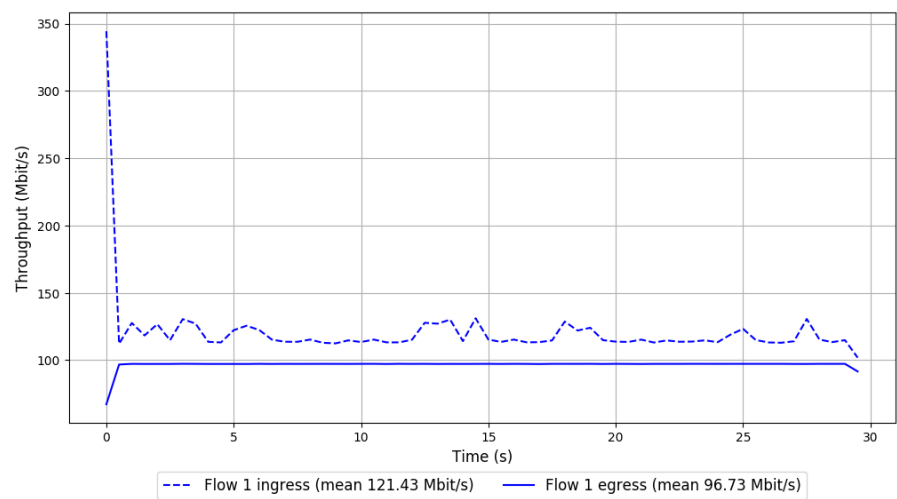


Run 10: Statistics of FillP

Start at: 2018-02-13 04:31:26
End at: 2018-02-13 04:31:56
Local clock offset: 5.576 ms
Remote clock offset: -27.628 ms

Below is generated by plot.py at 2018-02-13 05:35:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 31.051 ms
Loss rate: 20.26%
-- Flow 1:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 31.051 ms
Loss rate: 20.26%

Run 10: Report of FillP — Data Link

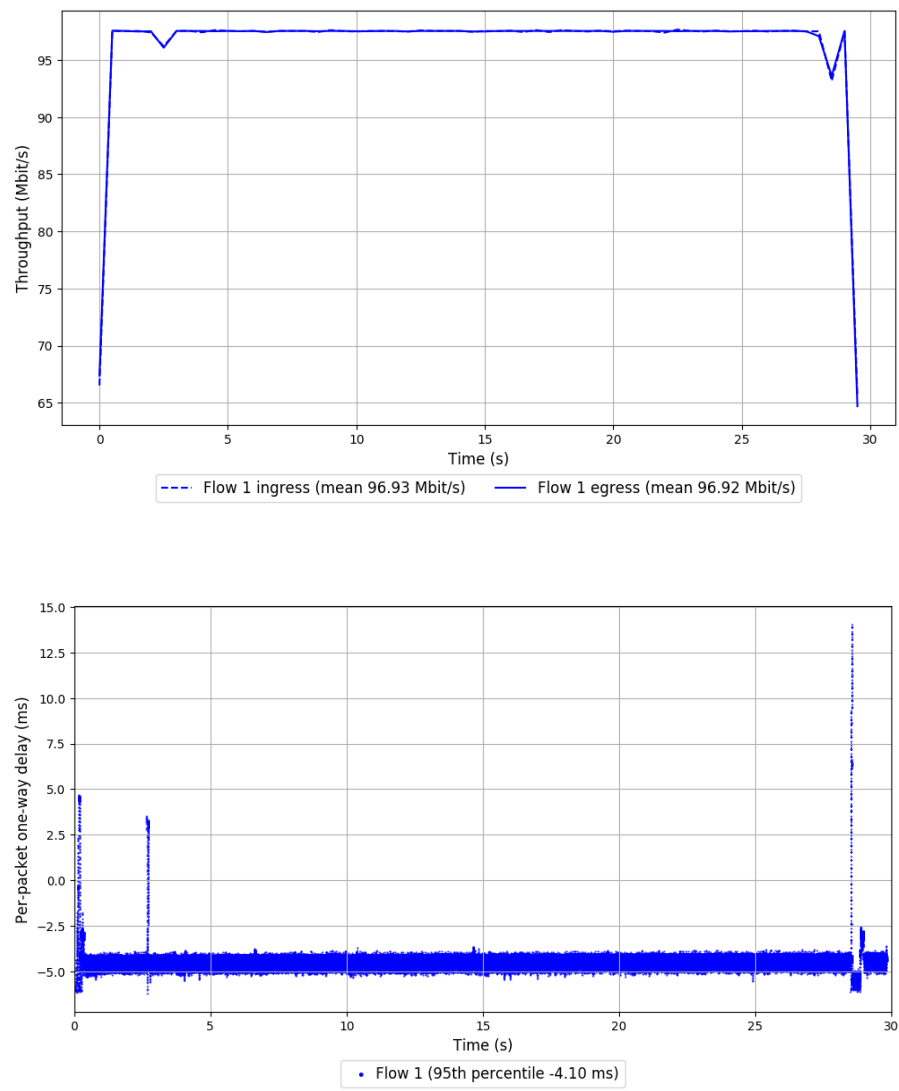


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-02-13 01:23:05
End at: 2018-02-13 01:23:35
Local clock offset: 3.016 ms
Remote clock offset: -19.472 ms

# Below is generated by plot.py at 2018-02-13 05:35:24
# Datalink statistics
-- Total of 1 flow:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: -4.096 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: -4.096 ms
Loss rate: 0.00%
```

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

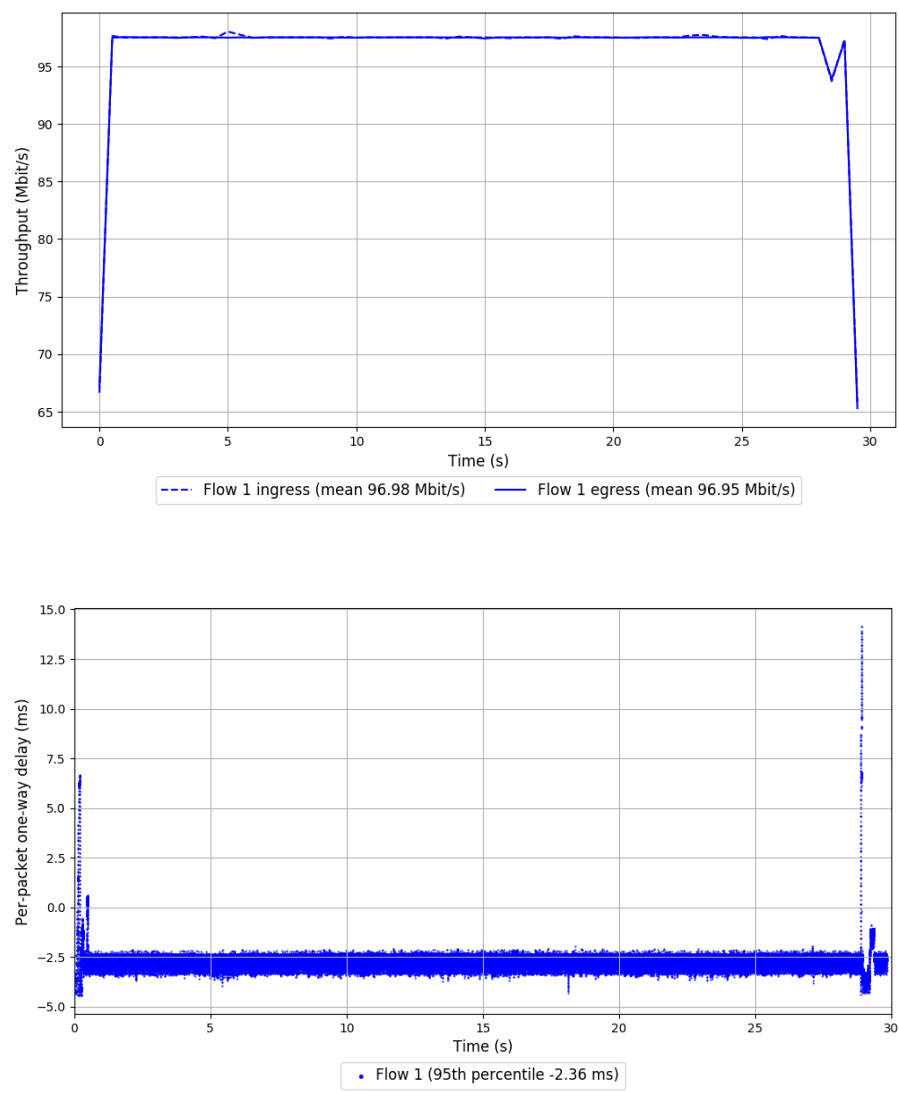


Run 2: Statistics of Indigo-1-32

Start at: 2018-02-13 01:44:12
End at: 2018-02-13 01:44:42
Local clock offset: 0.156 ms
Remote clock offset: -22.248 ms

Below is generated by plot.py at 2018-02-13 05:35:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: -2.363 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 96.95 Mbit/s
95th percentile per-packet one-way delay: -2.363 ms
Loss rate: 0.02%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-02-13 02:05:07

End at: 2018-02-13 02:05:37

Local clock offset: 1.432 ms

Remote clock offset: -18.602 ms

Below is generated by plot.py at 2018-02-13 05:35:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.89 Mbit/s

95th percentile per-packet one-way delay: -1.538 ms

Loss rate: 0.00%

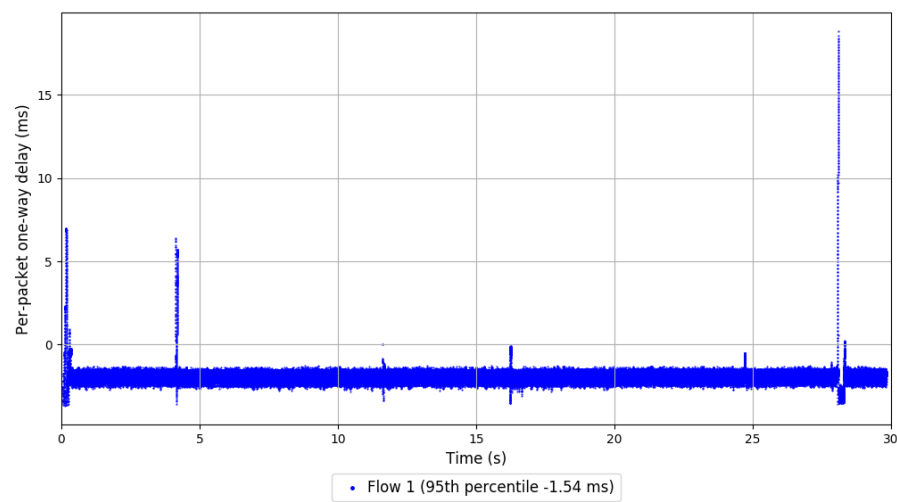
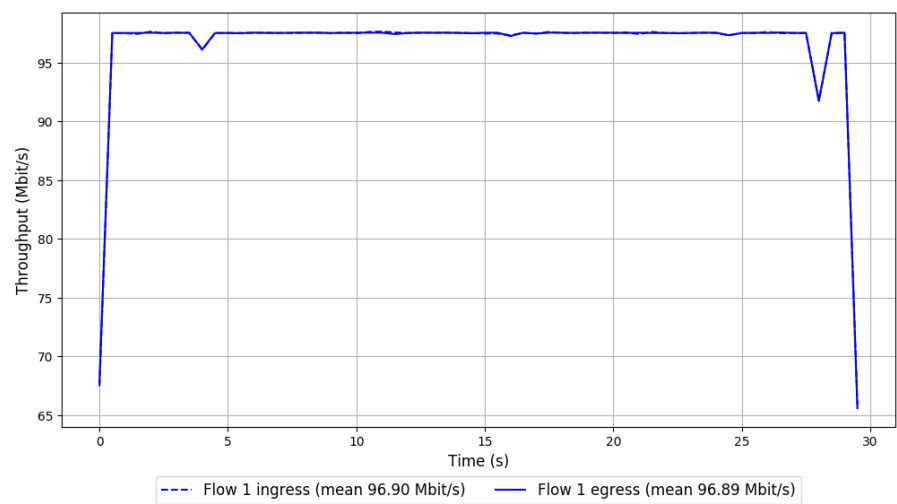
-- Flow 1:

Average throughput: 96.89 Mbit/s

95th percentile per-packet one-way delay: -1.538 ms

Loss rate: 0.00%

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



Run 4: Statistics of Indigo-1-32

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

End at: 2018-02-13 02:26:43

Local clock offset: 2.502 ms

Remote clock offset: -16.434 ms

Below is generated by plot.py at 2018-02-13 05:35:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.94 Mbit/s

95th percentile per-packet one-way delay: -2.518 ms

Loss rate: 0.00%

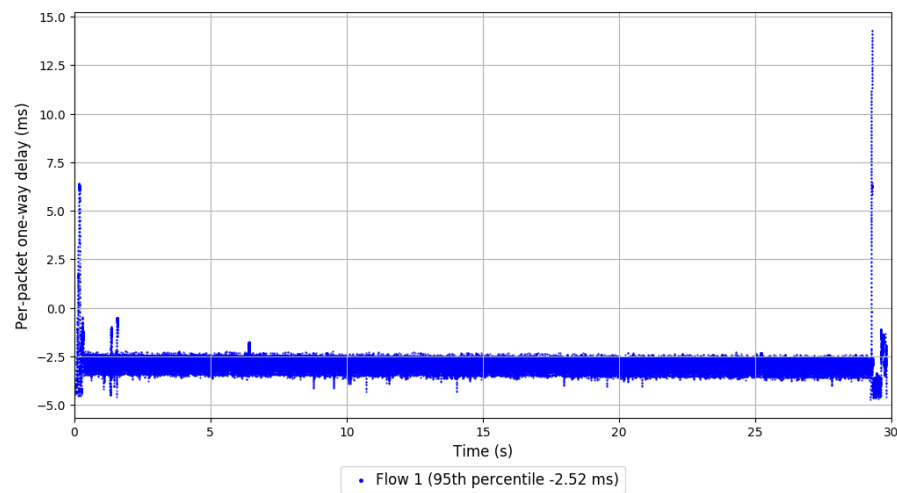
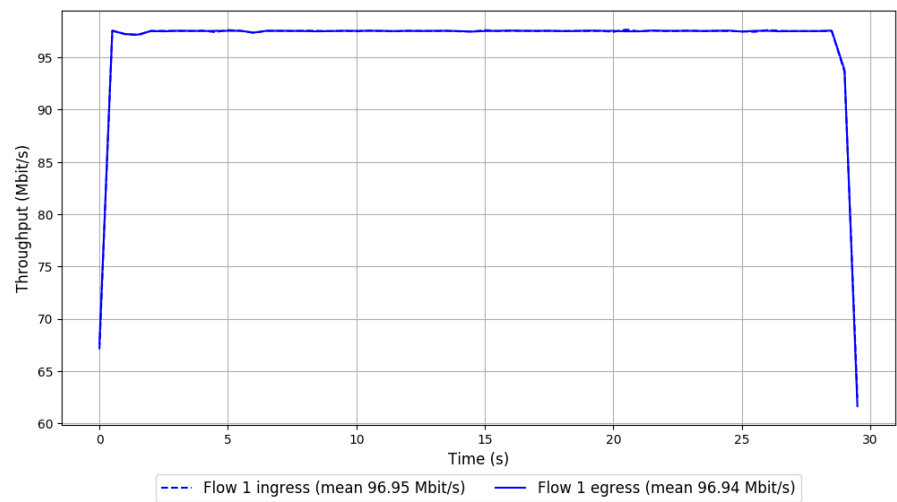
-- Flow 1:

Average throughput: 96.94 Mbit/s

95th percentile per-packet one-way delay: -2.518 ms

Loss rate: 0.00%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-02-13 02:47:20

End at: 2018-02-13 02:47:50

Local clock offset: 0.321 ms

Remote clock offset: -12.722 ms

Below is generated by plot.py at 2018-02-13 05:35:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.94 Mbit/s

95th percentile per-packet one-way delay: -1.313 ms

Loss rate: 0.00%

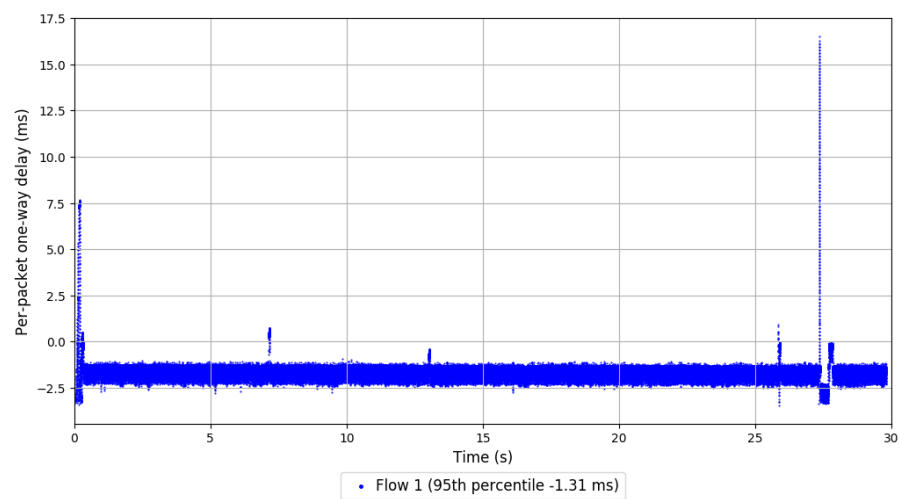
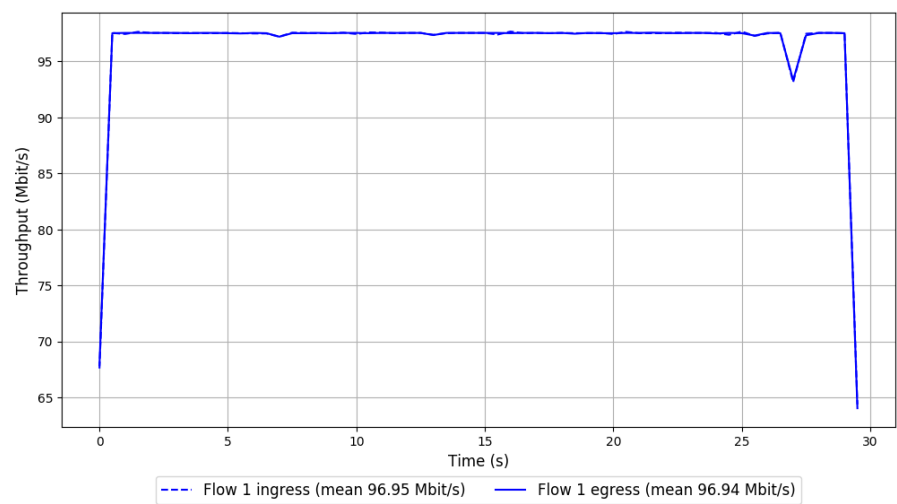
-- Flow 1:

Average throughput: 96.94 Mbit/s

95th percentile per-packet one-way delay: -1.313 ms

Loss rate: 0.00%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-02-13 03:08:33

End at: 2018-02-13 03:09:03

Local clock offset: 1.351 ms

Remote clock offset: -9.085 ms

Below is generated by plot.py at 2018-02-13 05:35:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.97 Mbit/s

95th percentile per-packet one-way delay: -2.670 ms

Loss rate: 0.00%

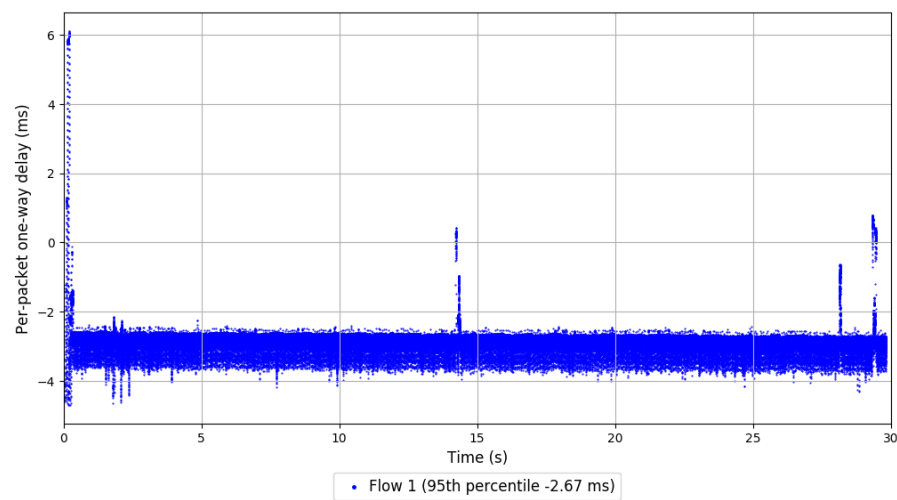
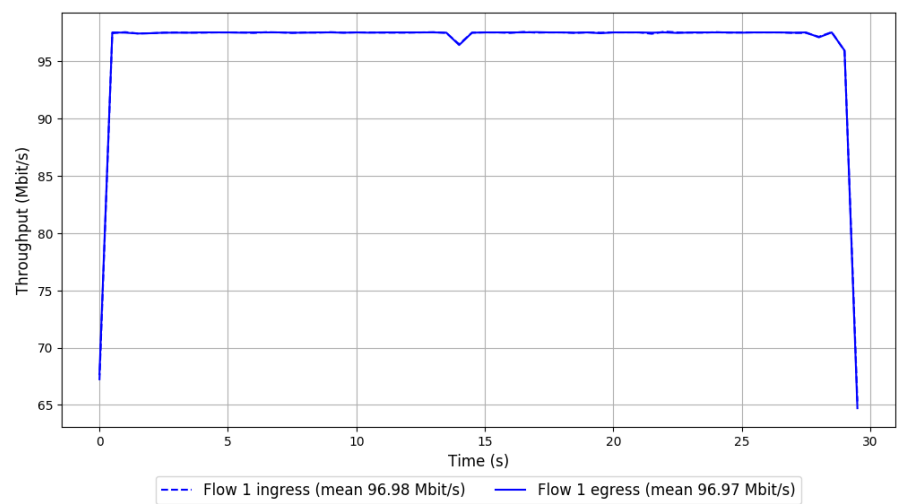
-- Flow 1:

Average throughput: 96.97 Mbit/s

95th percentile per-packet one-way delay: -2.670 ms

Loss rate: 0.00%

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

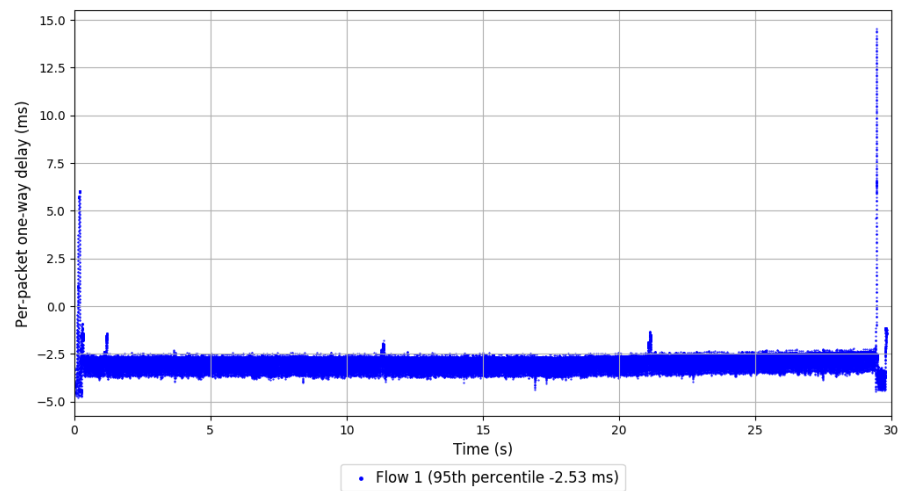
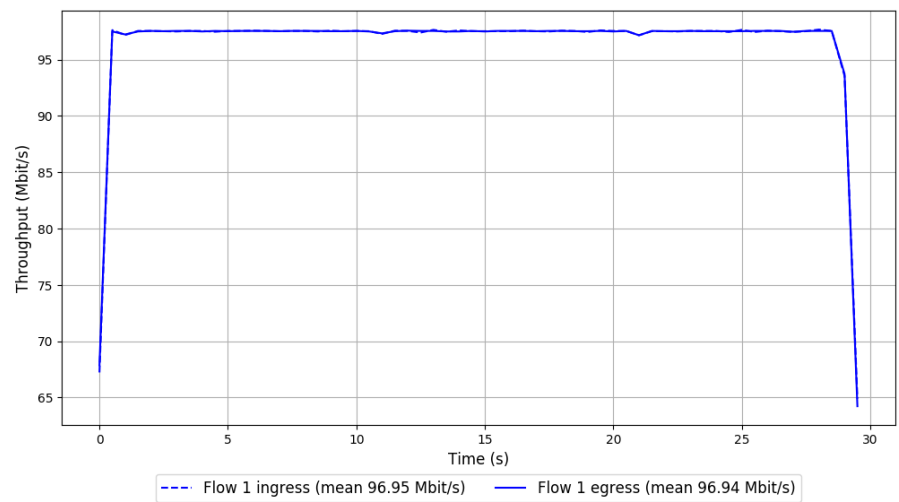


Run 7: Statistics of Indigo-1-32

Start at: 2018-02-13 03:29:33
End at: 2018-02-13 03:30:04
Local clock offset: 2.73 ms
Remote clock offset: -5.515 ms

Below is generated by plot.py at 2018-02-13 05:36:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.94 Mbit/s
95th percentile per-packet one-way delay: -2.529 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.94 Mbit/s
95th percentile per-packet one-way delay: -2.529 ms
Loss rate: 0.00%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-02-13 03:51:09

End at: 2018-02-13 03:51:40

Local clock offset: 2.472 ms

Remote clock offset: -22.031 ms

Below is generated by plot.py at 2018-02-13 05:36:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.97 Mbit/s

95th percentile per-packet one-way delay: -4.563 ms

Loss rate: 0.01%

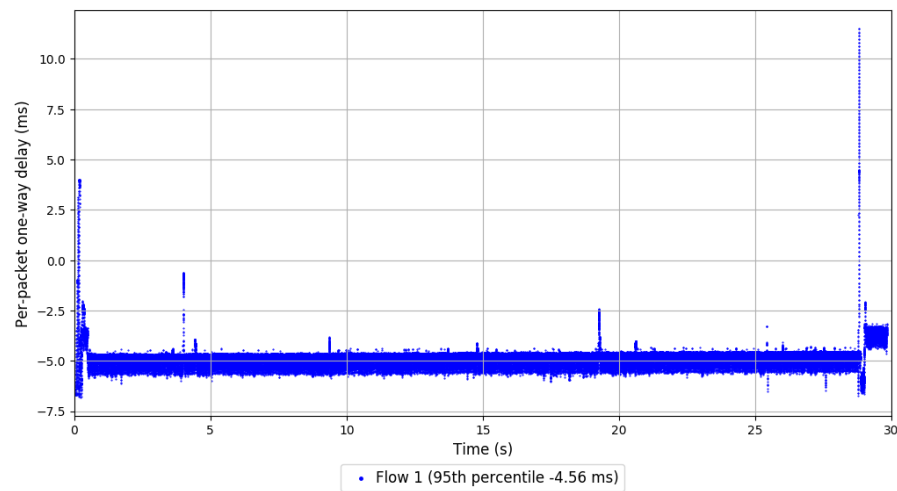
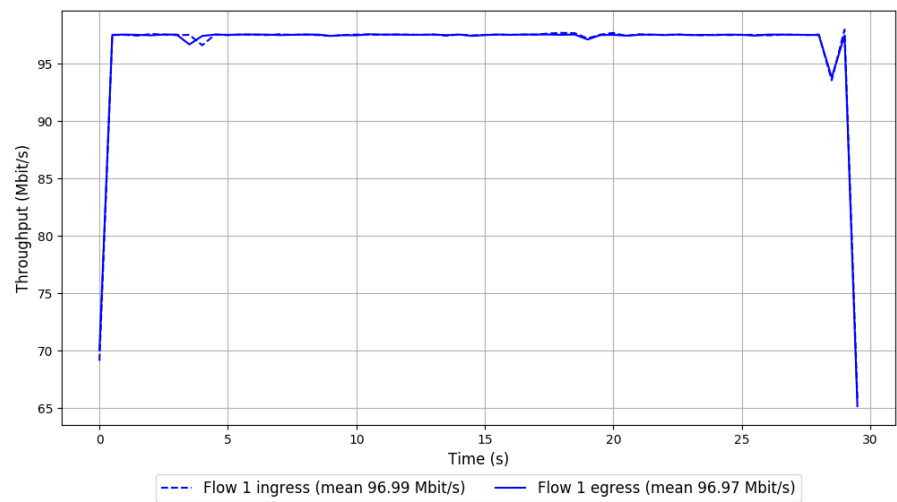
-- Flow 1:

Average throughput: 96.97 Mbit/s

95th percentile per-packet one-way delay: -4.563 ms

Loss rate: 0.01%

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

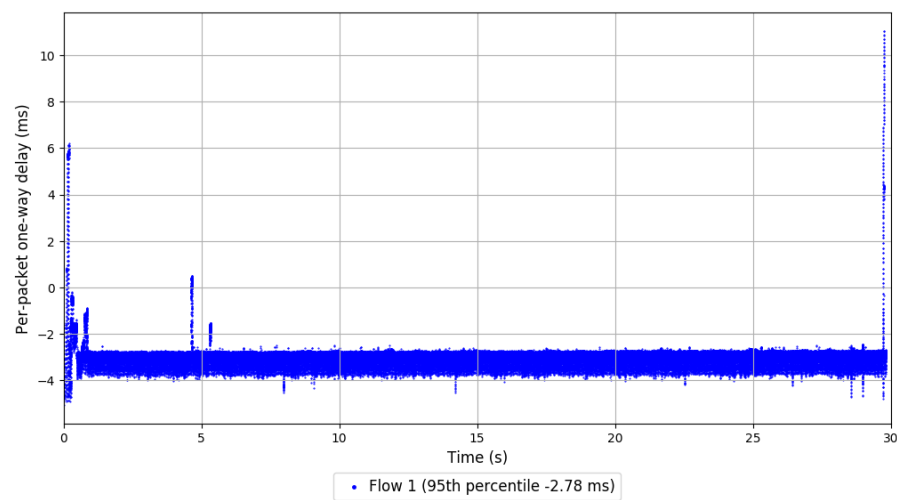
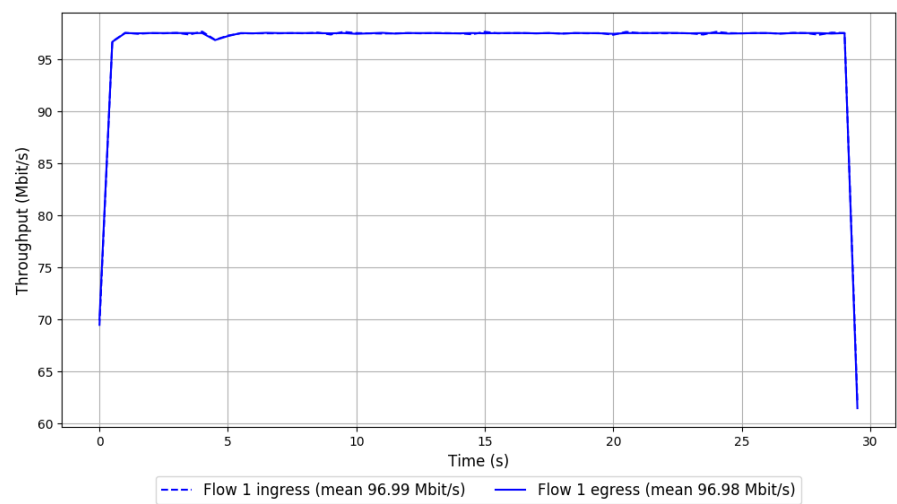


Run 9: Statistics of Indigo-1-32

Start at: 2018-02-13 04:12:03
End at: 2018-02-13 04:12:33
Local clock offset: 2.182 ms
Remote clock offset: -25.085 ms

Below is generated by plot.py at 2018-02-13 05:36:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.98 Mbit/s
95th percentile per-packet one-way delay: -2.782 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 96.98 Mbit/s
95th percentile per-packet one-way delay: -2.782 ms
Loss rate: 0.00%

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

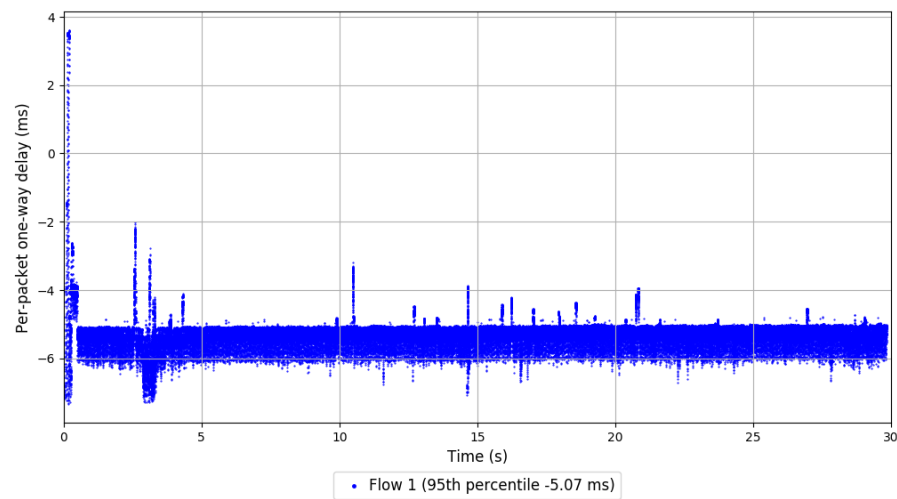
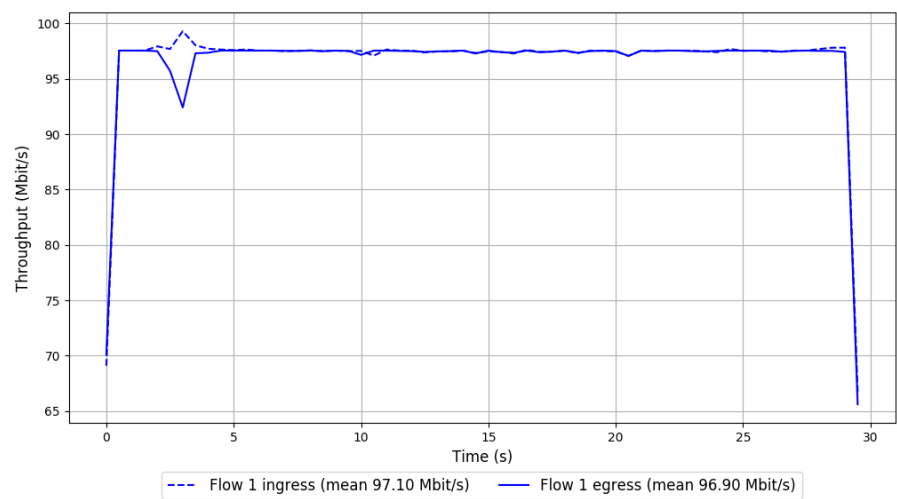


Run 10: Statistics of Indigo-1-32

Start at: 2018-02-13 04:33:41
End at: 2018-02-13 04:34:11
Local clock offset: 5.308 ms
Remote clock offset: -27.733 ms

Below is generated by plot.py at 2018-02-13 05:36:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: -5.068 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: -5.068 ms
Loss rate: 0.20%

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

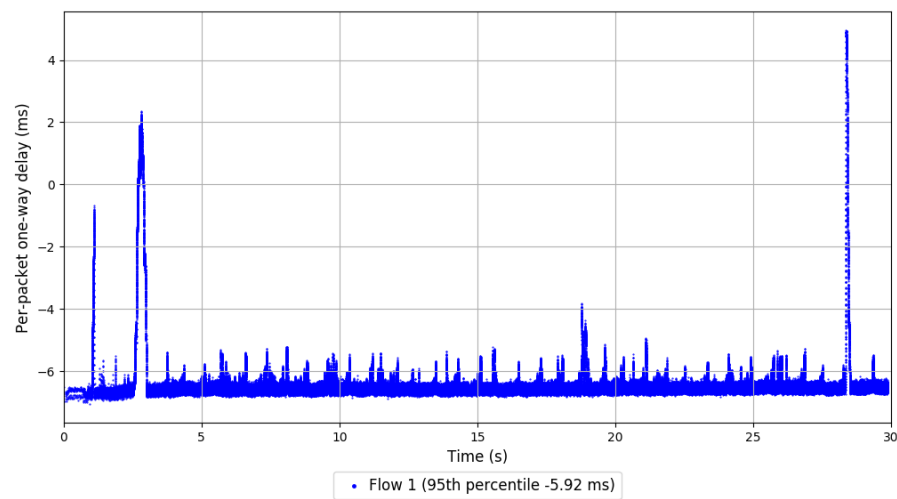
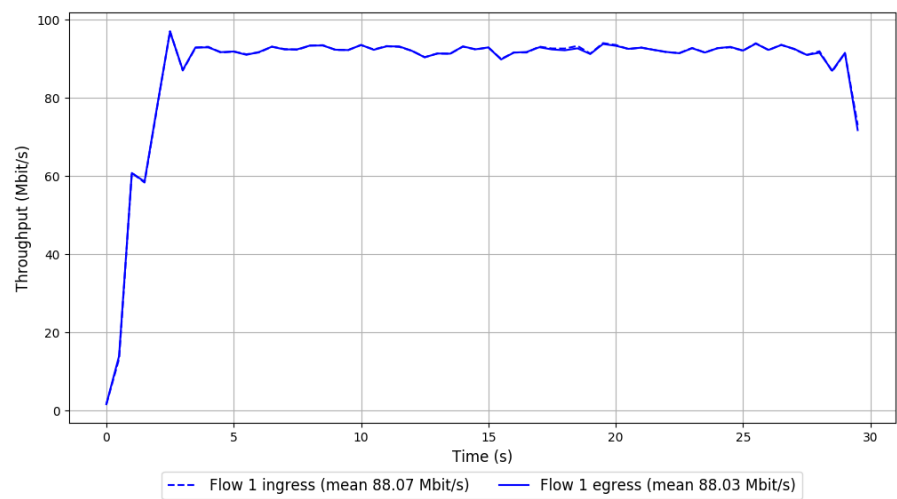


Run 1: Statistics of Vivace-latency

Start at: 2018-02-13 01:27:41
End at: 2018-02-13 01:28:11
Local clock offset: 3.714 ms
Remote clock offset: -19.924 ms

Below is generated by plot.py at 2018-02-13 05:37:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.03 Mbit/s
95th percentile per-packet one-way delay: -5.917 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 88.03 Mbit/s
95th percentile per-packet one-way delay: -5.917 ms
Loss rate: 0.04%

Run 1: Report of Vivace-latency — Data Link

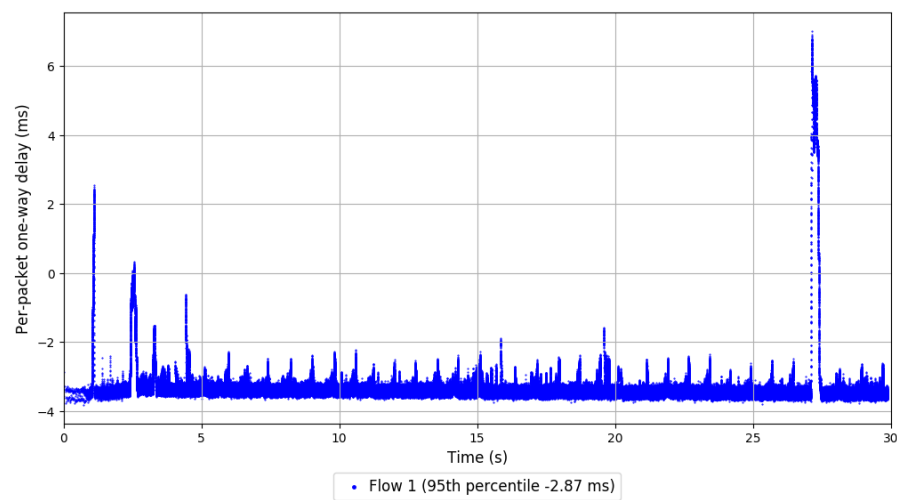
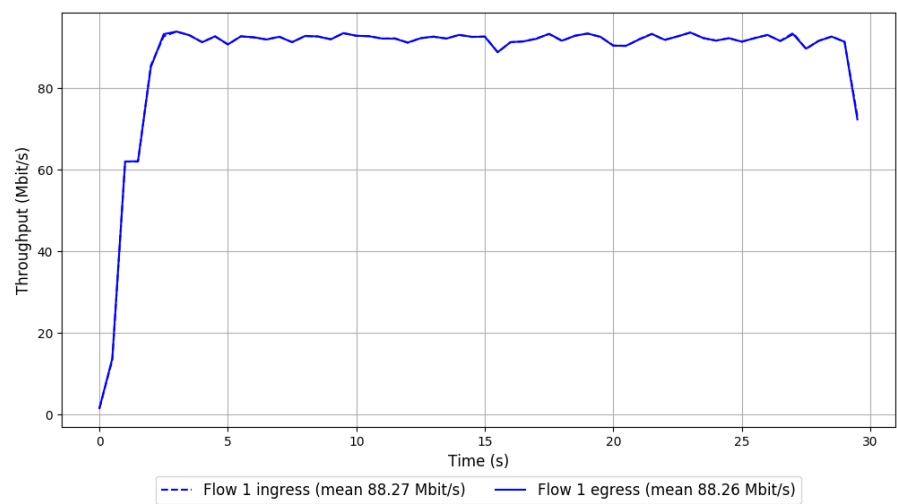


Run 2: Statistics of Vivace-latency

Start at: 2018-02-13 01:48:50
End at: 2018-02-13 01:49:20
Local clock offset: 0.482 ms
Remote clock offset: -20.765 ms

Below is generated by plot.py at 2018-02-13 05:37:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 88.26 Mbit/s
95th percentile per-packet one-way delay: -2.866 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 88.26 Mbit/s
95th percentile per-packet one-way delay: -2.866 ms
Loss rate: 0.01%

Run 2: Report of Vivace-latency — Data Link

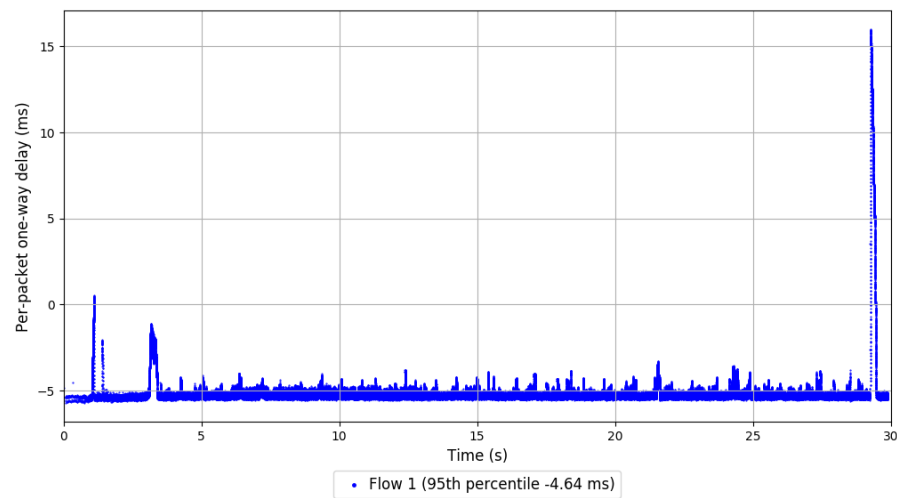
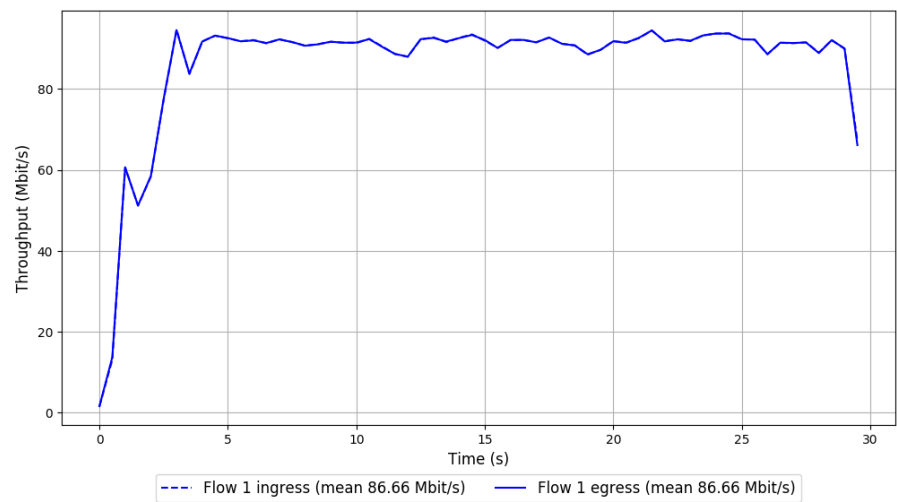


Run 3: Statistics of Vivace-latency

Start at: 2018-02-13 02:09:43
End at: 2018-02-13 02:10:13
Local clock offset: 3.342 ms
Remote clock offset: -18.82 ms

Below is generated by plot.py at 2018-02-13 05:37:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.66 Mbit/s
95th percentile per-packet one-way delay: -4.640 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.66 Mbit/s
95th percentile per-packet one-way delay: -4.640 ms
Loss rate: 0.00%

Run 3: Report of Vivace-latency — Data Link

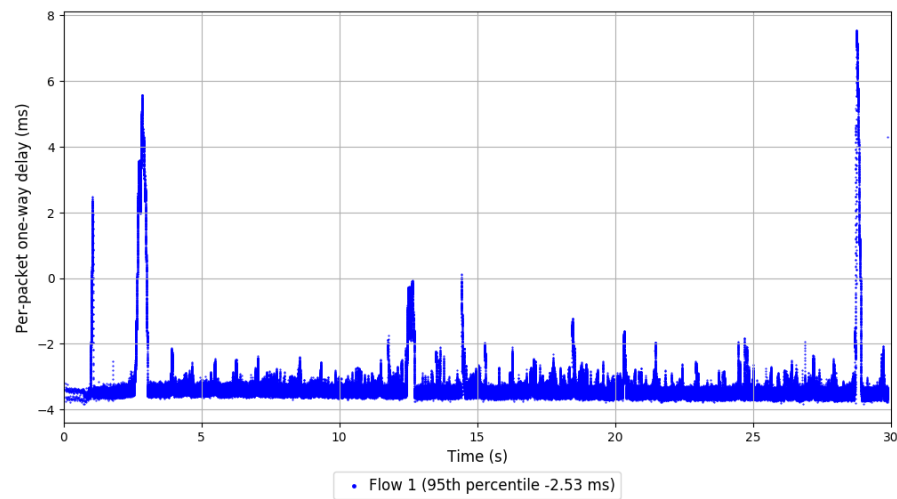
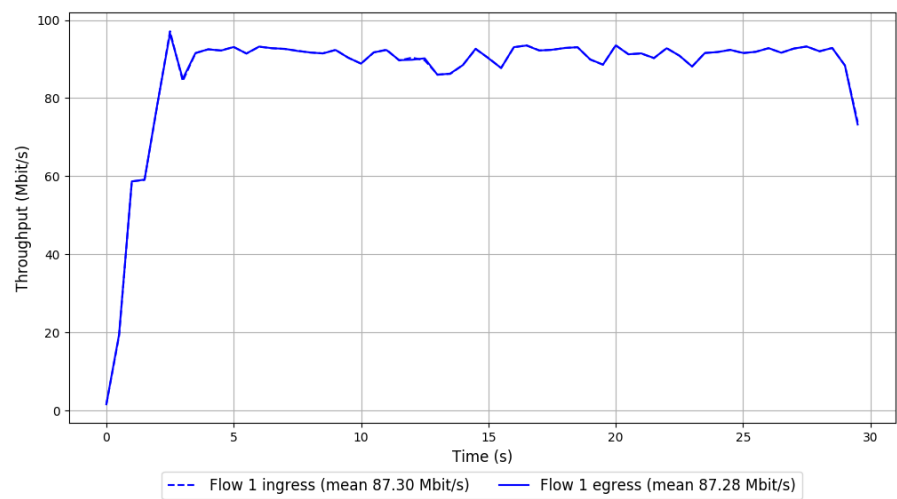


Run 4: Statistics of Vivace-latency

Start at: 2018-02-13 02:30:55
End at: 2018-02-13 02:31:25
Local clock offset: 1.919 ms
Remote clock offset: -14.667 ms

Below is generated by plot.py at 2018-02-13 05:37:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.28 Mbit/s
95th percentile per-packet one-way delay: -2.529 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.28 Mbit/s
95th percentile per-packet one-way delay: -2.529 ms
Loss rate: 0.00%

Run 4: Report of Vivace-latency — Data Link

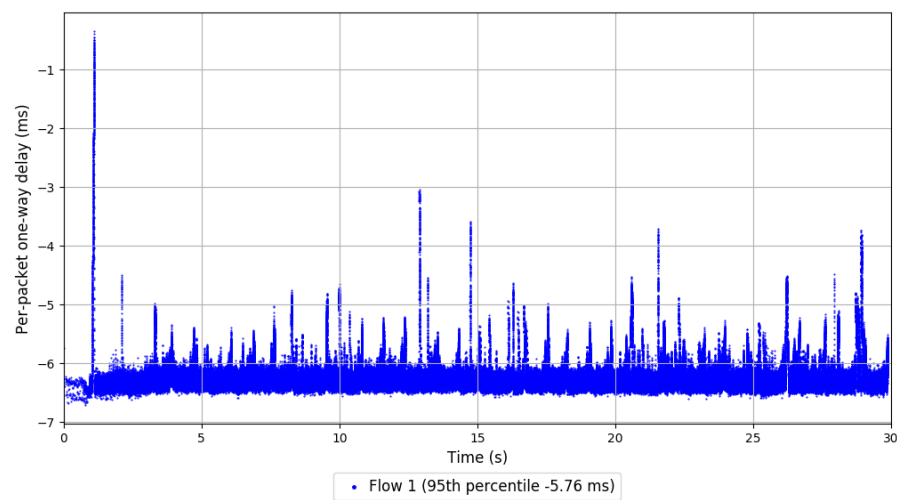
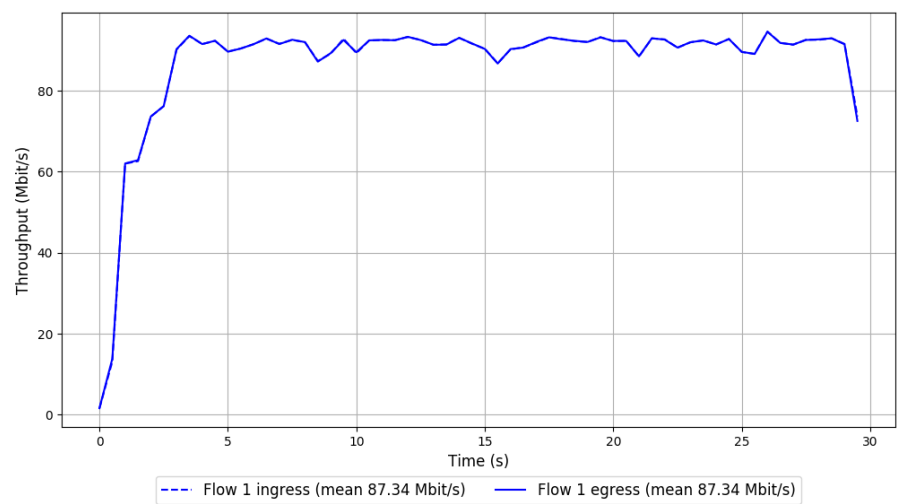


Run 5: Statistics of Vivace-latency

Start at: 2018-02-13 02:51:59
End at: 2018-02-13 02:52:29
Local clock offset: 3.185 ms
Remote clock offset: -12.738 ms

Below is generated by plot.py at 2018-02-13 05:37:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.34 Mbit/s
95th percentile per-packet one-way delay: -5.763 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.34 Mbit/s
95th percentile per-packet one-way delay: -5.763 ms
Loss rate: 0.00%

Run 5: Report of Vivace-latency — Data Link

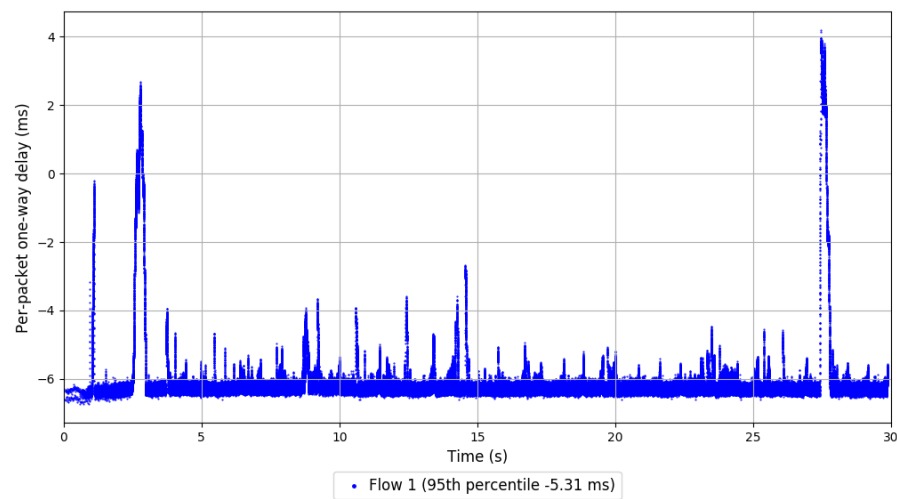
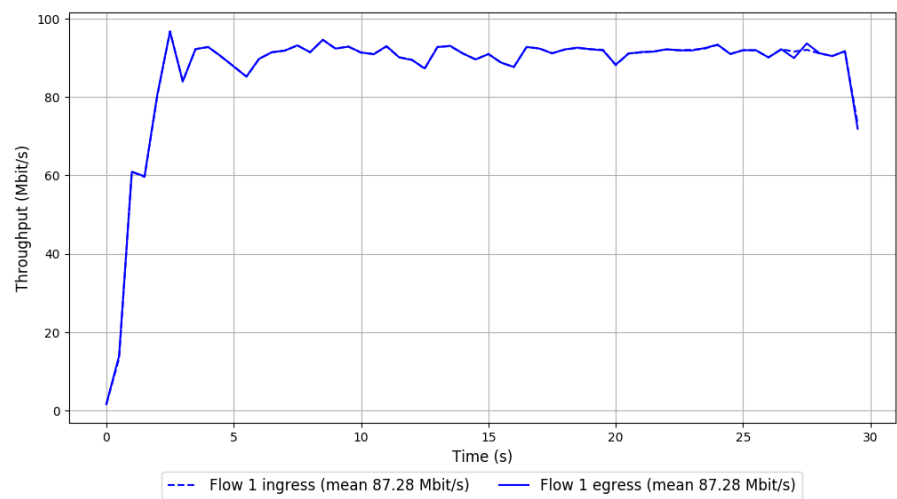


Run 6: Statistics of Vivace-latency

Start at: 2018-02-13 03:13:13
End at: 2018-02-13 03:13:43
Local clock offset: 4.15 ms
Remote clock offset: -7.399 ms

Below is generated by plot.py at 2018-02-13 05:38:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.28 Mbit/s
95th percentile per-packet one-way delay: -5.310 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.28 Mbit/s
95th percentile per-packet one-way delay: -5.310 ms
Loss rate: 0.00%

Run 6: Report of Vivace-latency — Data Link

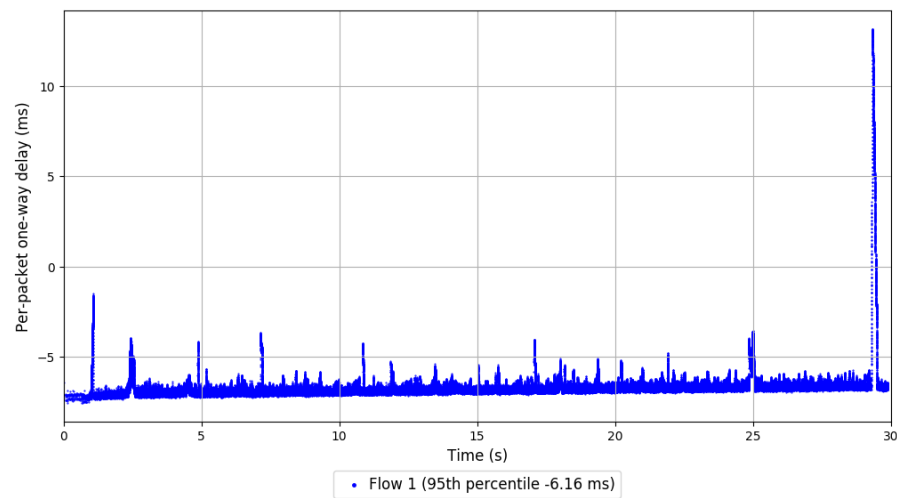
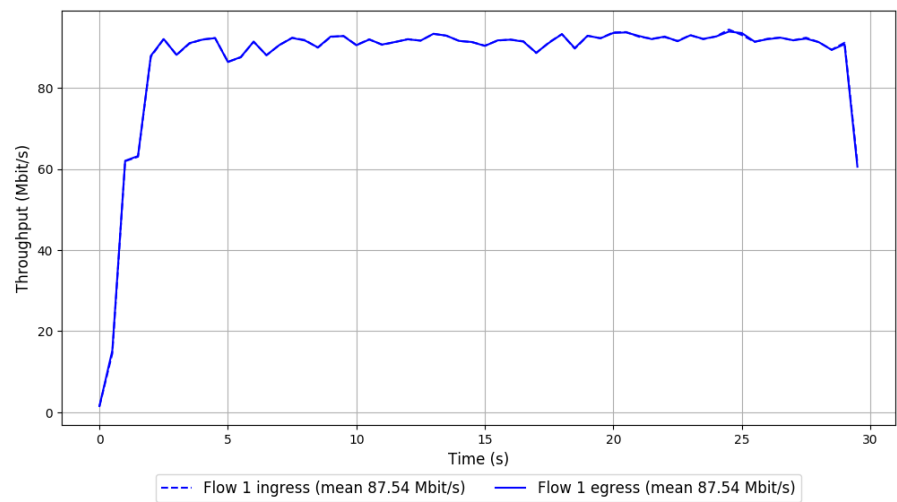


Run 7: Statistics of Vivace-latency

Start at: 2018-02-13 03:34:20
End at: 2018-02-13 03:34:50
Local clock offset: 5.286 ms
Remote clock offset: -10.656 ms

Below is generated by plot.py at 2018-02-13 05:38:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.54 Mbit/s
95th percentile per-packet one-way delay: -6.155 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 87.54 Mbit/s
95th percentile per-packet one-way delay: -6.155 ms
Loss rate: 0.01%

Run 7: Report of Vivace-latency — Data Link

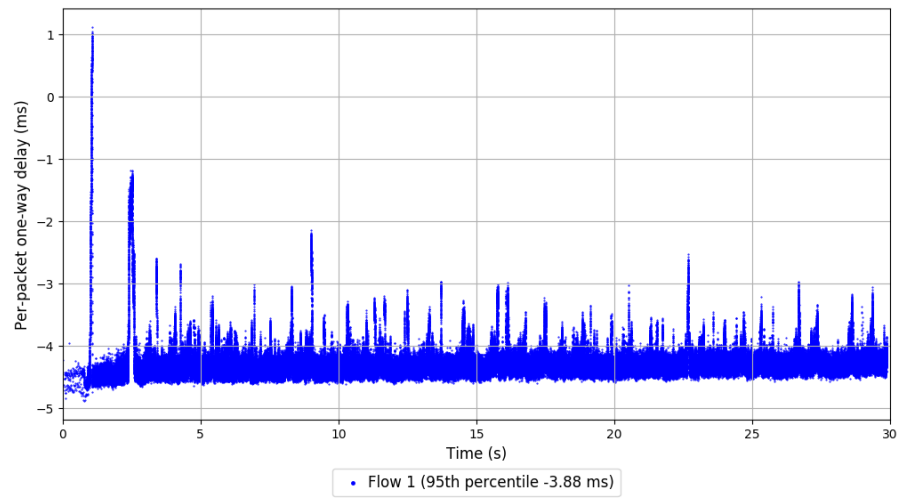
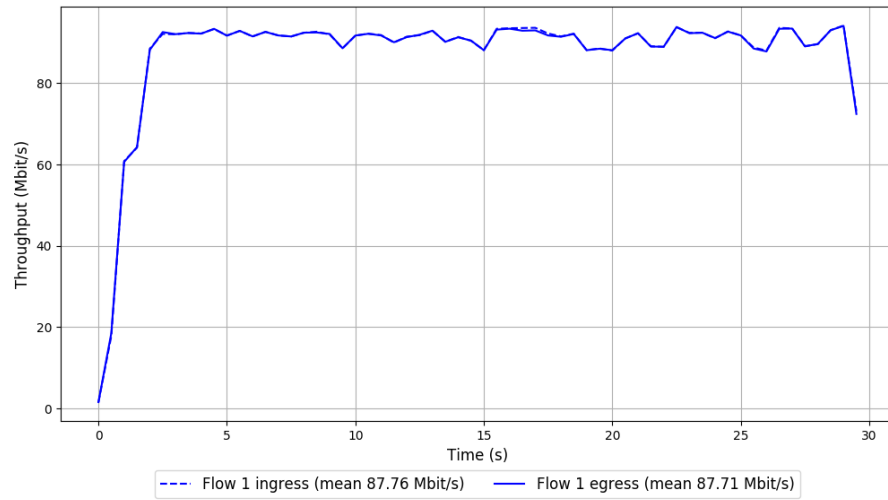


Run 8: Statistics of Vivace-latency

Start at: 2018-02-13 03:55:49
End at: 2018-02-13 03:56:19
Local clock offset: 2.196 ms
Remote clock offset: -21.432 ms

Below is generated by plot.py at 2018-02-13 05:38:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.71 Mbit/s
95th percentile per-packet one-way delay: -3.875 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 87.71 Mbit/s
95th percentile per-packet one-way delay: -3.875 ms
Loss rate: 0.06%

Run 8: Report of Vivace-latency — Data Link

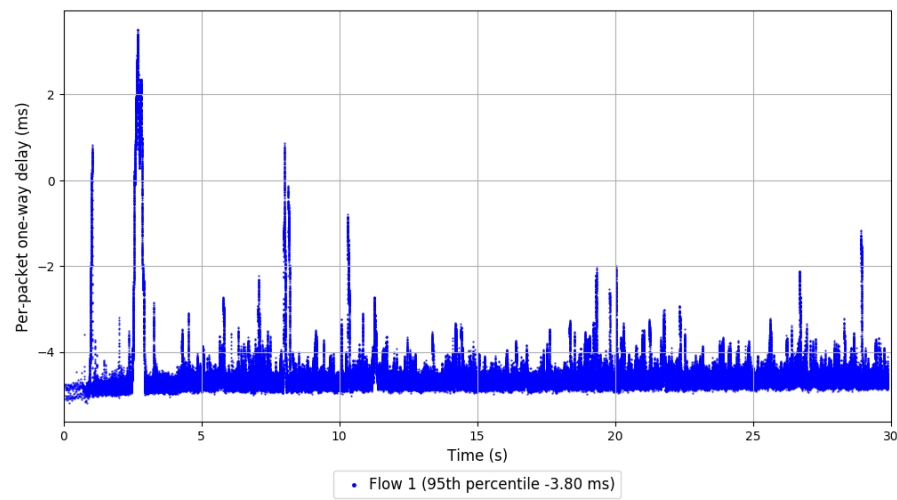
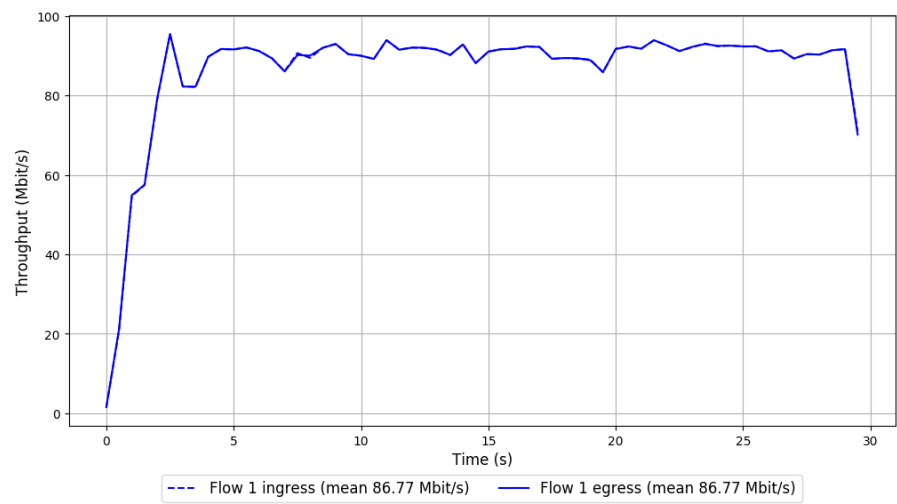


Run 9: Statistics of Vivace-latency

Start at: 2018-02-13 04:16:43
End at: 2018-02-13 04:17:13
Local clock offset: 2.634 ms
Remote clock offset: -25.225 ms

Below is generated by plot.py at 2018-02-13 05:38:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.77 Mbit/s
95th percentile per-packet one-way delay: -3.796 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 86.77 Mbit/s
95th percentile per-packet one-way delay: -3.796 ms
Loss rate: 0.00%

Run 9: Report of Vivace-latency — Data Link

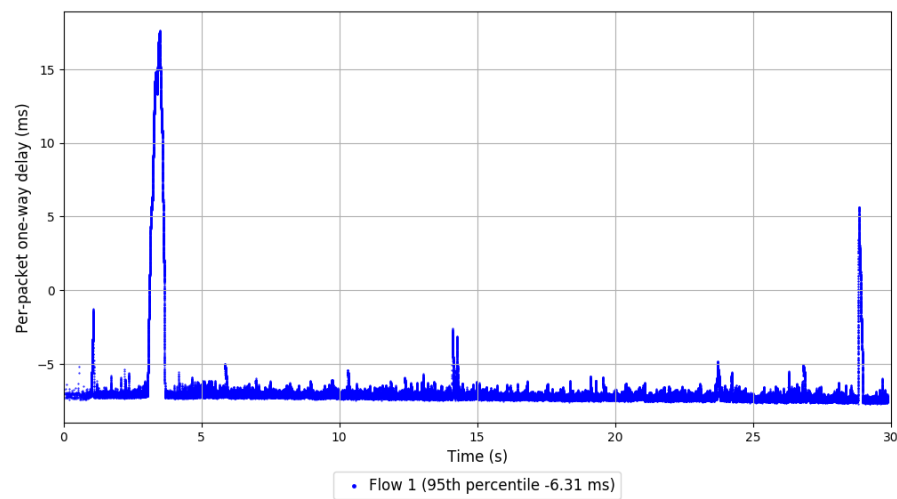
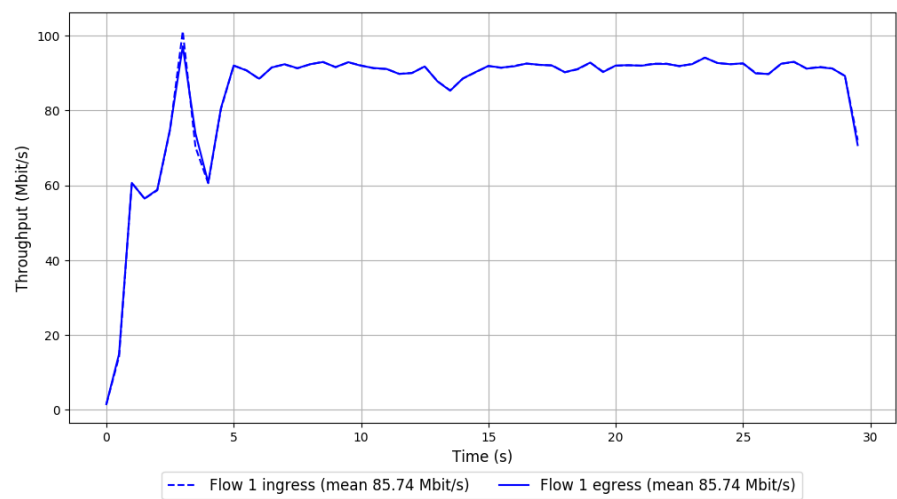


Run 10: Statistics of Vivace-latency

Start at: 2018-02-13 04:38:30
End at: 2018-02-13 04:39:00
Local clock offset: 5.582 ms
Remote clock offset: -27.922 ms

Below is generated by plot.py at 2018-02-13 05:38:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 85.74 Mbit/s
95th percentile per-packet one-way delay: -6.314 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 85.74 Mbit/s
95th percentile per-packet one-way delay: -6.314 ms
Loss rate: 0.00%

Run 10: Report of Vivace-latency — Data Link

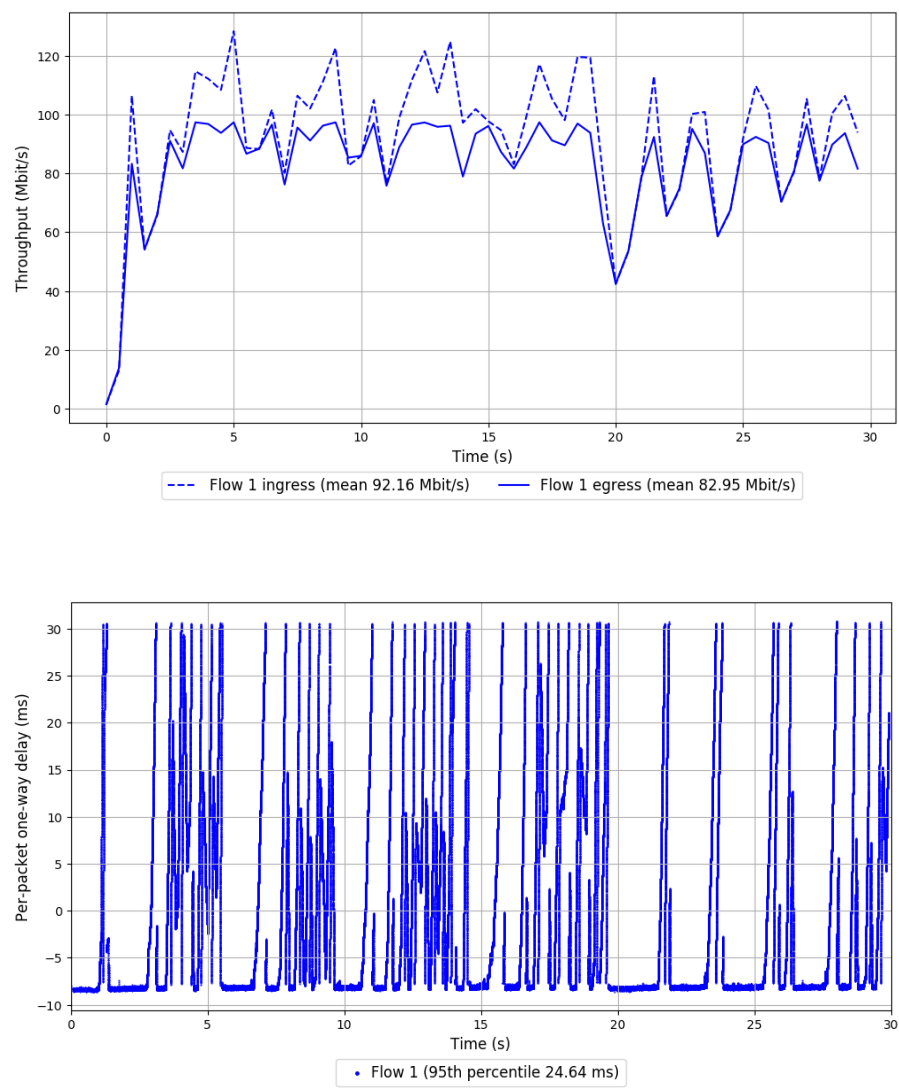


Run 1: Statistics of Vivace-loss

Start at: 2018-02-13 01:18:30
End at: 2018-02-13 01:19:00
Local clock offset: 3.462 ms
Remote clock offset: -20.28 ms

Below is generated by plot.py at 2018-02-13 05:38:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.95 Mbit/s
95th percentile per-packet one-way delay: 24.636 ms
Loss rate: 9.90%
-- Flow 1:
Average throughput: 82.95 Mbit/s
95th percentile per-packet one-way delay: 24.636 ms
Loss rate: 9.90%

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-02-13 01:39:32

End at: 2018-02-13 01:40:02

Local clock offset: 4.549 ms

Remote clock offset: -22.7 ms

Below is generated by plot.py at 2018-02-13 05:38:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.68 Mbit/s

95th percentile per-packet one-way delay: 21.704 ms

Loss rate: 7.21%

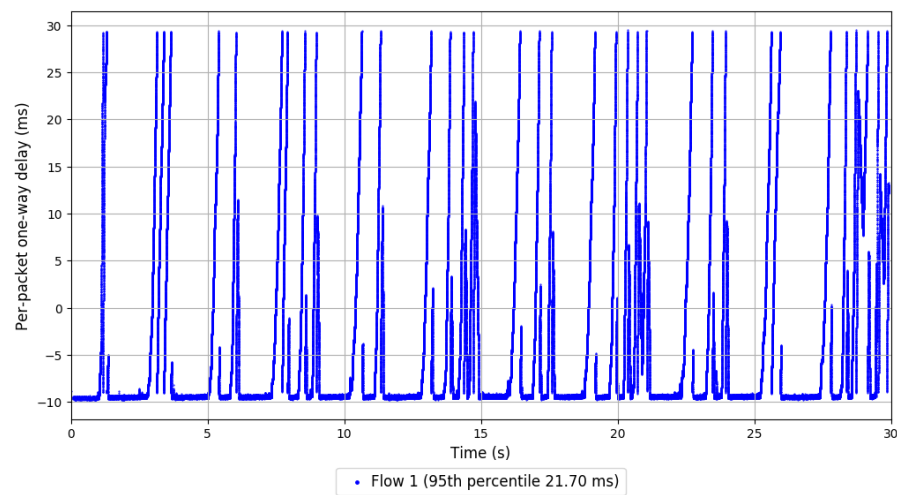
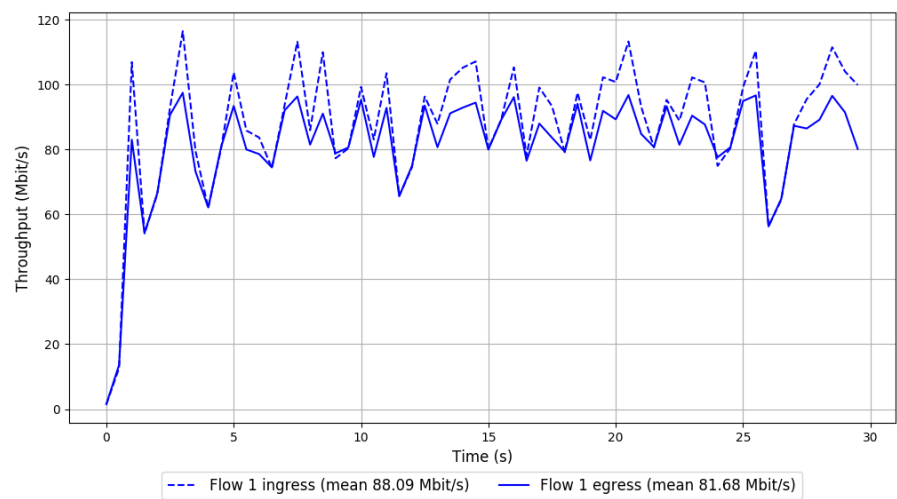
-- Flow 1:

Average throughput: 81.68 Mbit/s

95th percentile per-packet one-way delay: 21.704 ms

Loss rate: 7.21%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-02-13 02:00:32

End at: 2018-02-13 02:01:02

Local clock offset: 5.579 ms

Remote clock offset: -20.301 ms

Below is generated by plot.py at 2018-02-13 05:39:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.28 Mbit/s

95th percentile per-packet one-way delay: 22.989 ms

Loss rate: 7.73%

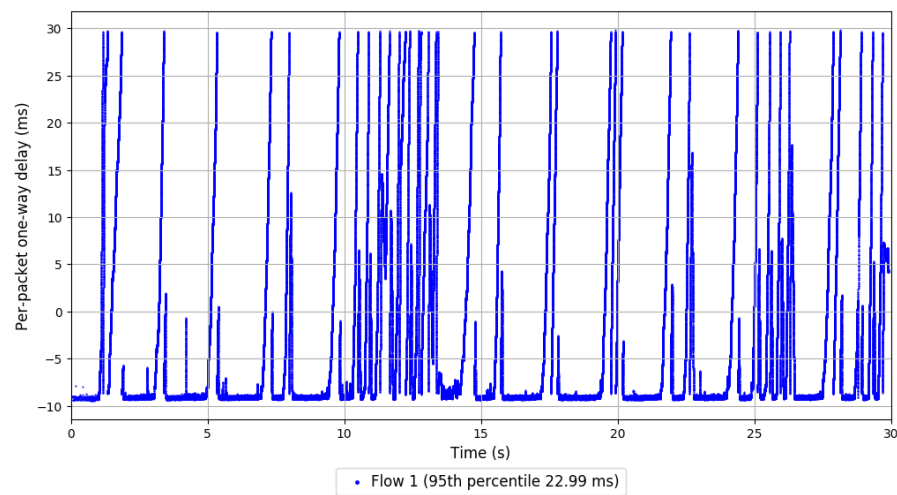
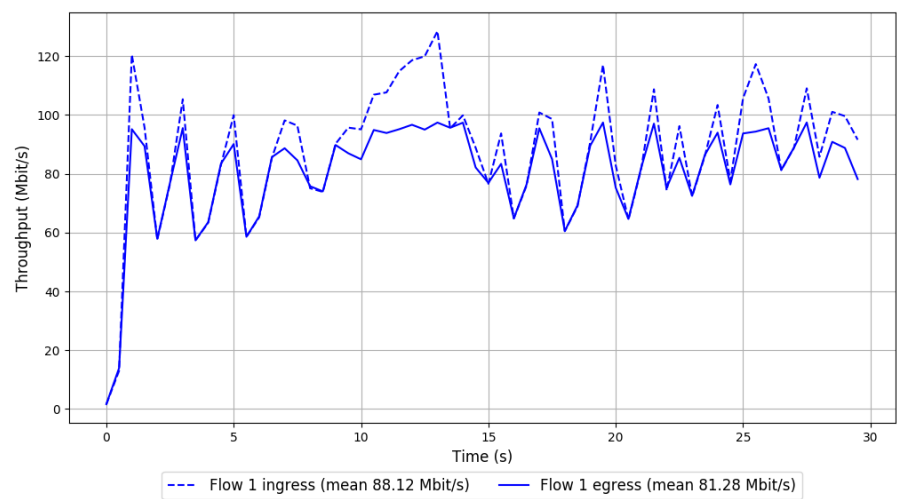
-- Flow 1:

Average throughput: 81.28 Mbit/s

95th percentile per-packet one-way delay: 22.989 ms

Loss rate: 7.73%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-02-13 02:21:36

End at: 2018-02-13 02:22:06

Local clock offset: 5.149 ms

Remote clock offset: -19.097 ms

Below is generated by plot.py at 2018-02-13 05:39:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.67 Mbit/s

95th percentile per-packet one-way delay: 25.480 ms

Loss rate: 8.90%

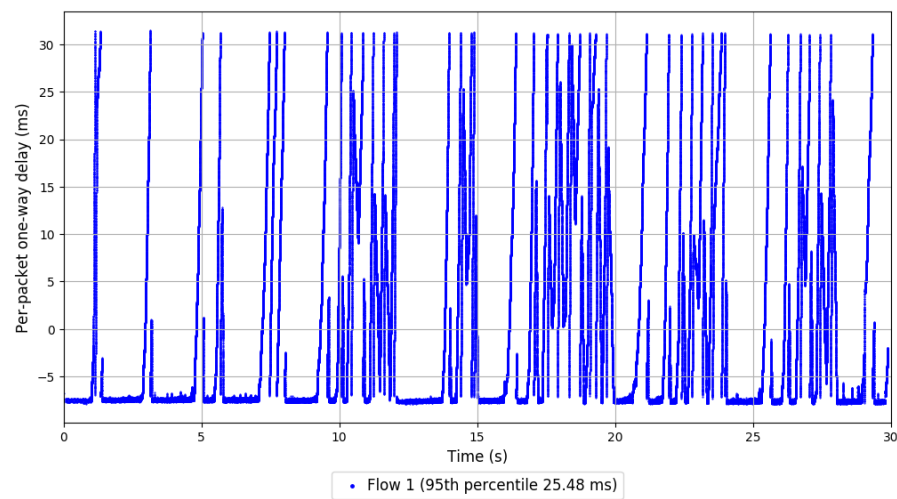
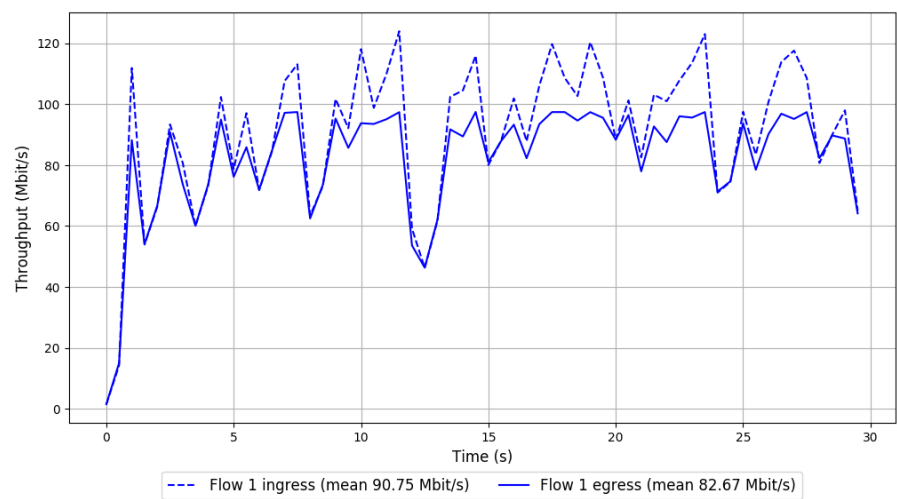
-- Flow 1:

Average throughput: 82.67 Mbit/s

95th percentile per-packet one-way delay: 25.480 ms

Loss rate: 8.90%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-02-13 02:42:45

End at: 2018-02-13 02:43:15

Local clock offset: 5.196 ms

Remote clock offset: -13.086 ms

Below is generated by plot.py at 2018-02-13 05:39:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.89 Mbit/s

95th percentile per-packet one-way delay: 26.927 ms

Loss rate: 11.74%

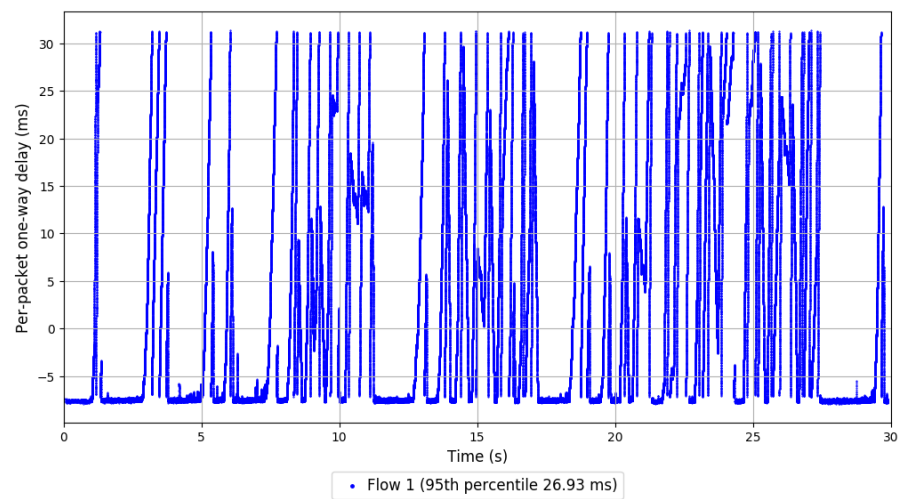
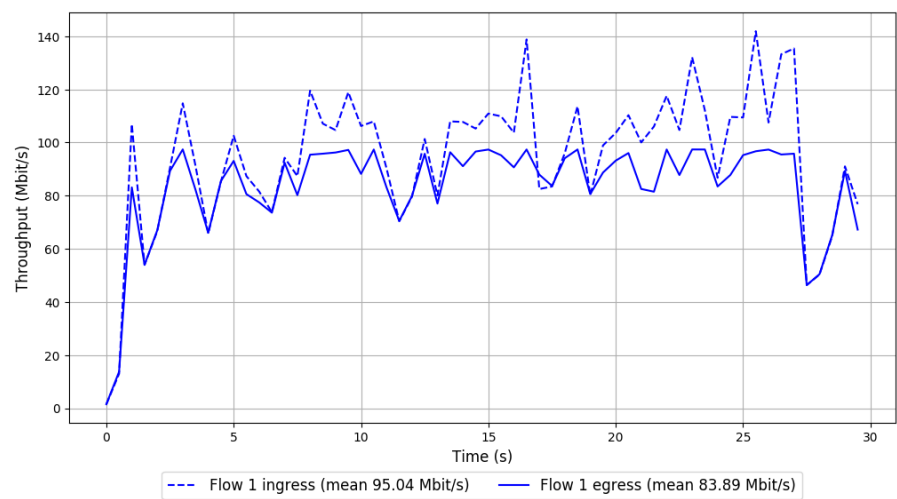
-- Flow 1:

Average throughput: 83.89 Mbit/s

95th percentile per-packet one-way delay: 26.927 ms

Loss rate: 11.74%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-02-13 03:03:47

End at: 2018-02-13 03:04:17

Local clock offset: 5.014 ms

Remote clock offset: -8.704 ms

Below is generated by plot.py at 2018-02-13 05:39:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.06 Mbit/s

95th percentile per-packet one-way delay: 27.513 ms

Loss rate: 10.86%

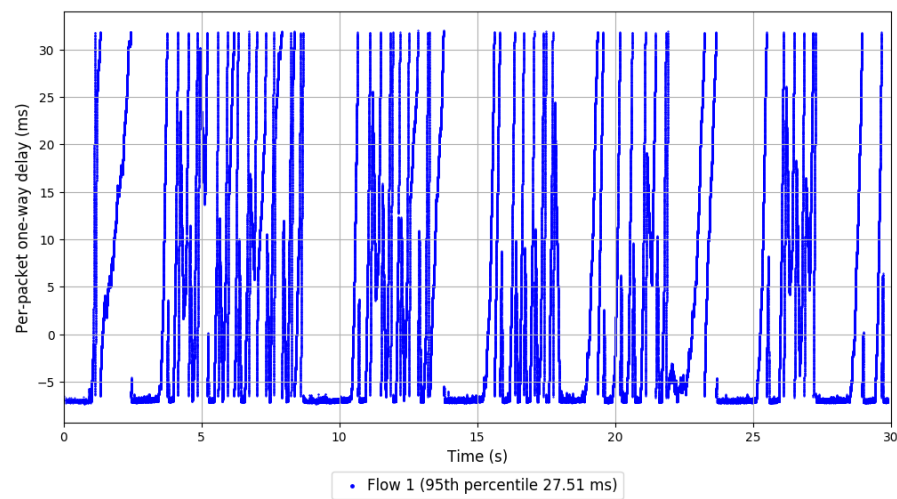
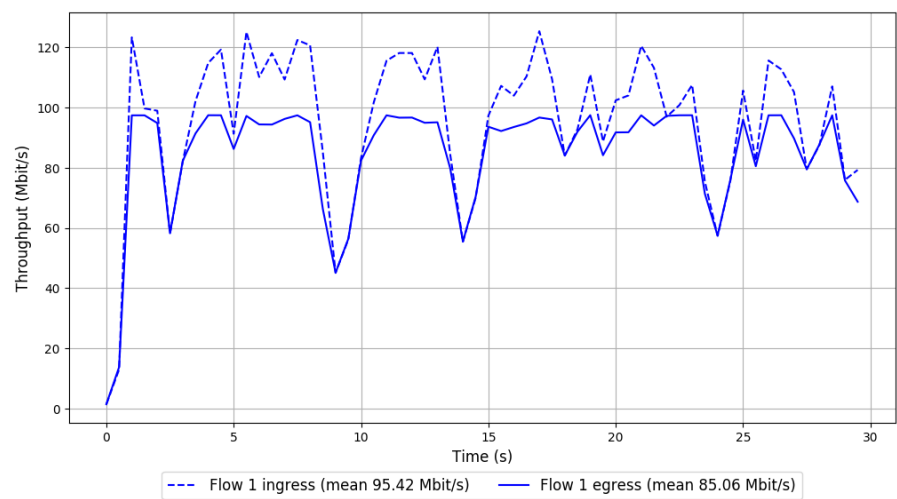
-- Flow 1:

Average throughput: 85.06 Mbit/s

95th percentile per-packet one-way delay: 27.513 ms

Loss rate: 10.86%

Run 6: Report of Vivace-loss — Data Link



Run 7: Statistics of Vivace-loss

Start at: 2018-02-13 03:24:59

End at: 2018-02-13 03:25:29

Local clock offset: 2.712 ms

Remote clock offset: -6.365 ms

Below is generated by plot.py at 2018-02-13 05:39:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.60 Mbit/s

95th percentile per-packet one-way delay: 27.730 ms

Loss rate: 7.56%

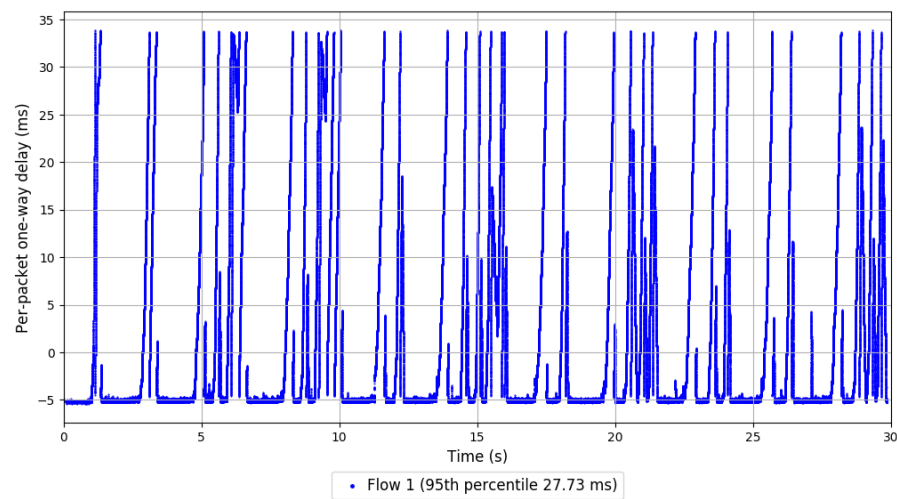
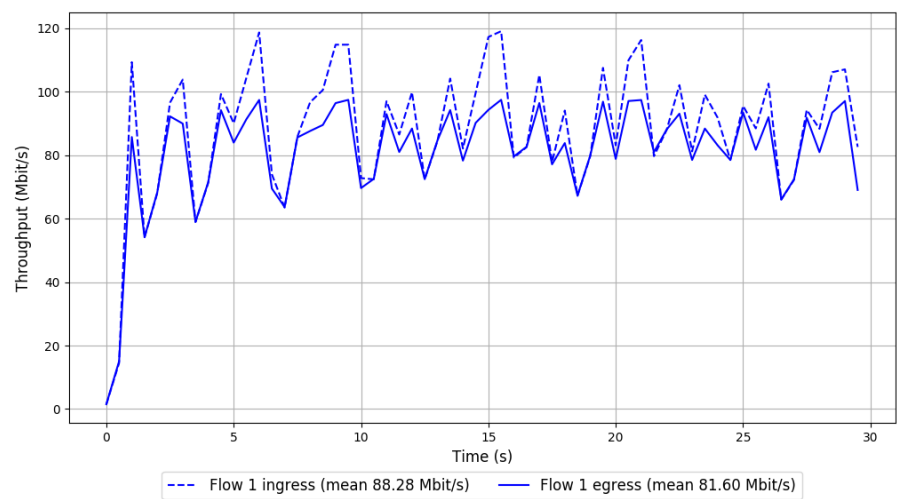
-- Flow 1:

Average throughput: 81.60 Mbit/s

95th percentile per-packet one-way delay: 27.730 ms

Loss rate: 7.56%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-02-13 03:46:28

End at: 2018-02-13 03:46:58

Local clock offset: 3.259 ms

Remote clock offset: -19.235 ms

Below is generated by plot.py at 2018-02-13 05:39:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.16 Mbit/s

95th percentile per-packet one-way delay: 27.483 ms

Loss rate: 8.89%

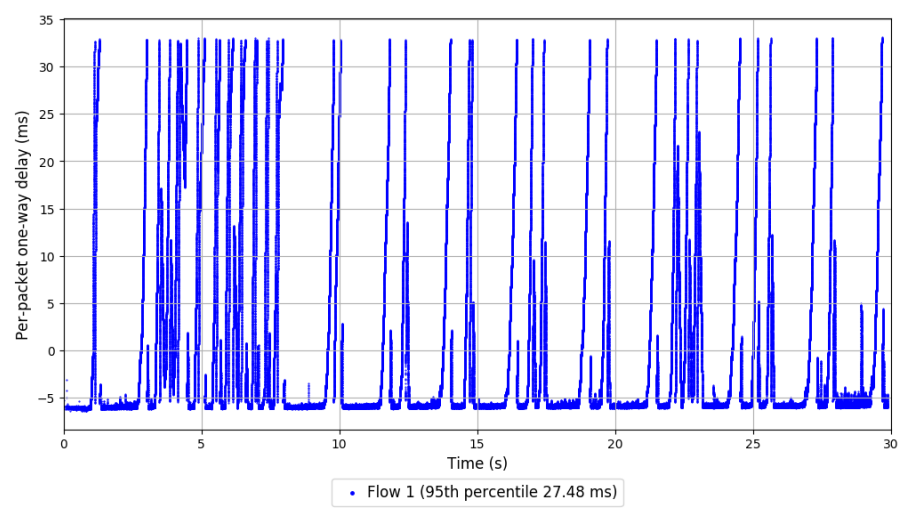
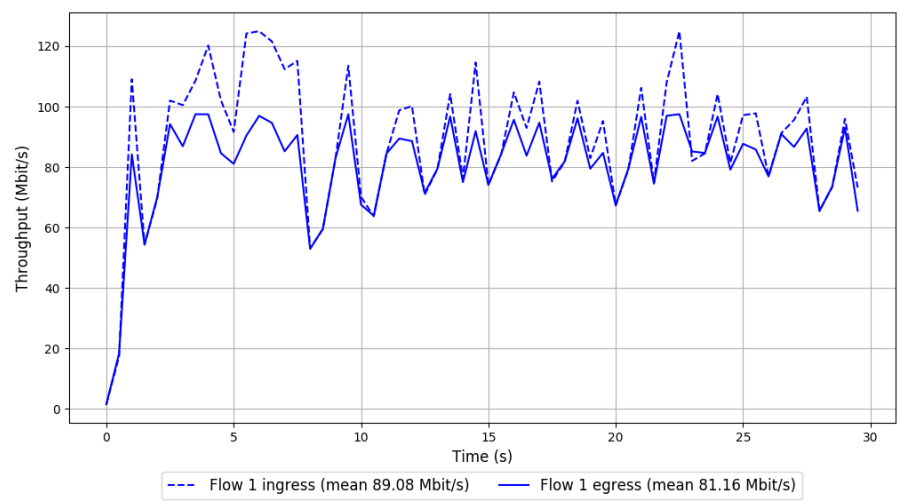
-- Flow 1:

Average throughput: 81.16 Mbit/s

95th percentile per-packet one-way delay: 27.483 ms

Loss rate: 8.89%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-02-13 04:07:29

End at: 2018-02-13 04:07:59

Local clock offset: 3.463 ms

Remote clock offset: -23.198 ms

Below is generated by plot.py at 2018-02-13 05:39:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.43 Mbit/s

95th percentile per-packet one-way delay: 28.511 ms

Loss rate: 9.86%

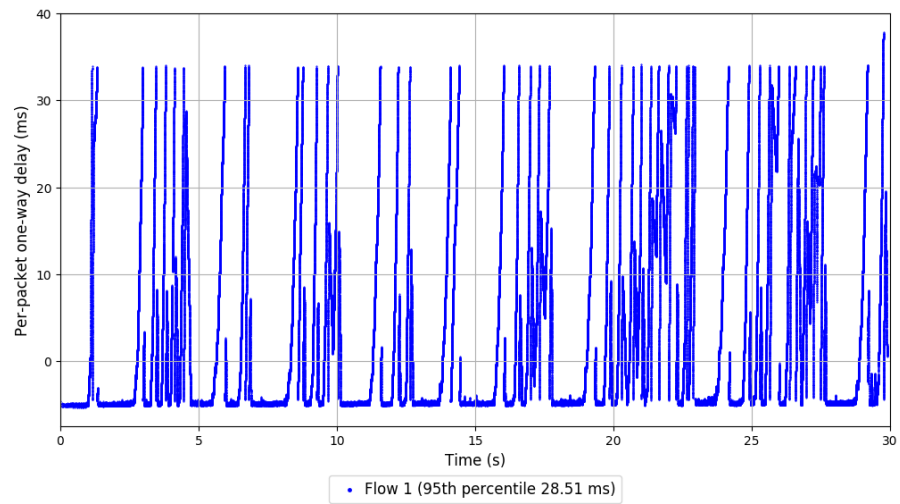
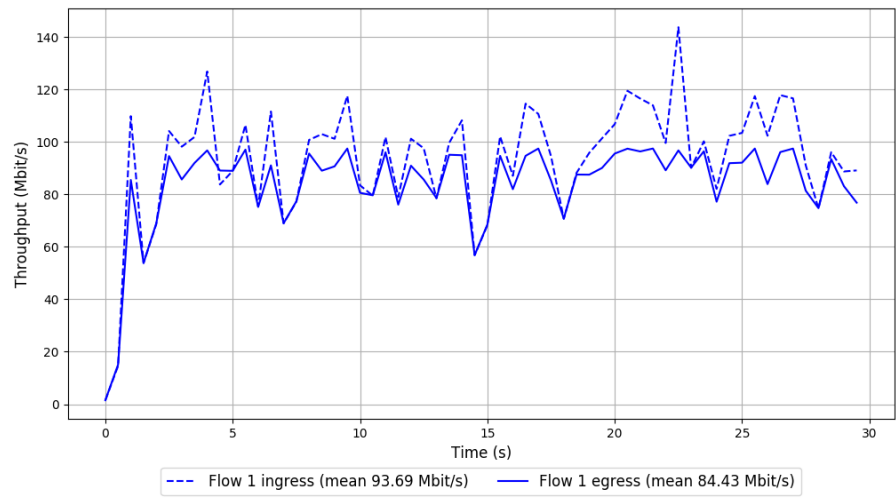
-- Flow 1:

Average throughput: 84.43 Mbit/s

95th percentile per-packet one-way delay: 28.511 ms

Loss rate: 9.86%

Run 9: Report of Vivace-loss — Data Link

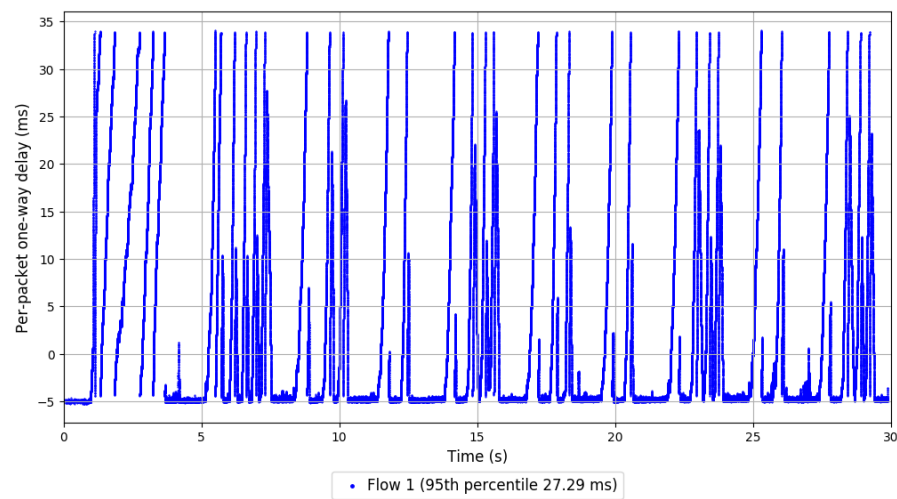
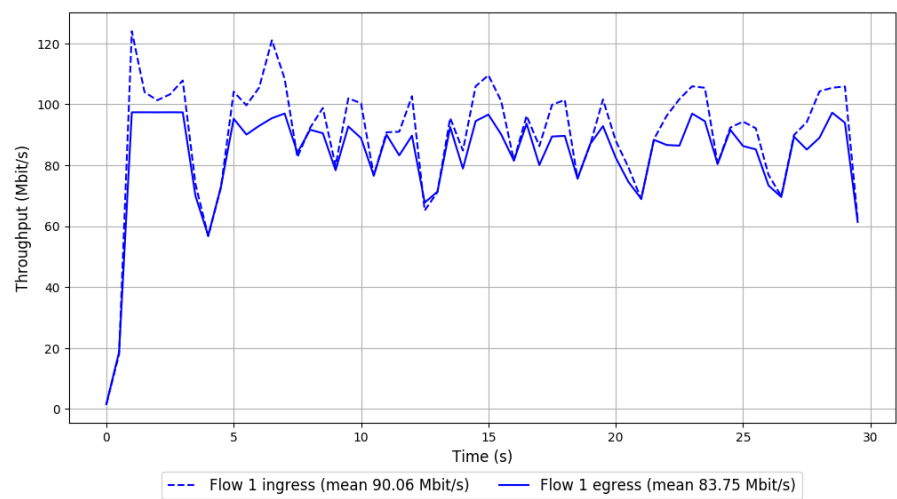


Run 10: Statistics of Vivace-loss

Start at: 2018-02-13 04:29:03
End at: 2018-02-13 04:29:33
Local clock offset: 2.881 ms
Remote clock offset: -27.404 ms

Below is generated by plot.py at 2018-02-13 05:39:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.75 Mbit/s
95th percentile per-packet one-way delay: 27.286 ms
Loss rate: 7.00%
-- Flow 1:
Average throughput: 83.75 Mbit/s
95th percentile per-packet one-way delay: 27.286 ms
Loss rate: 7.00%

Run 10: Report of Vivace-loss — Data Link

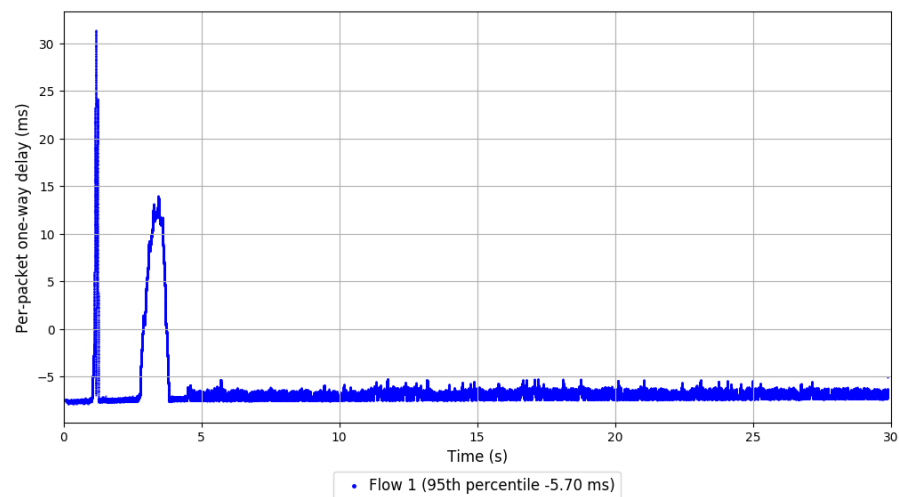
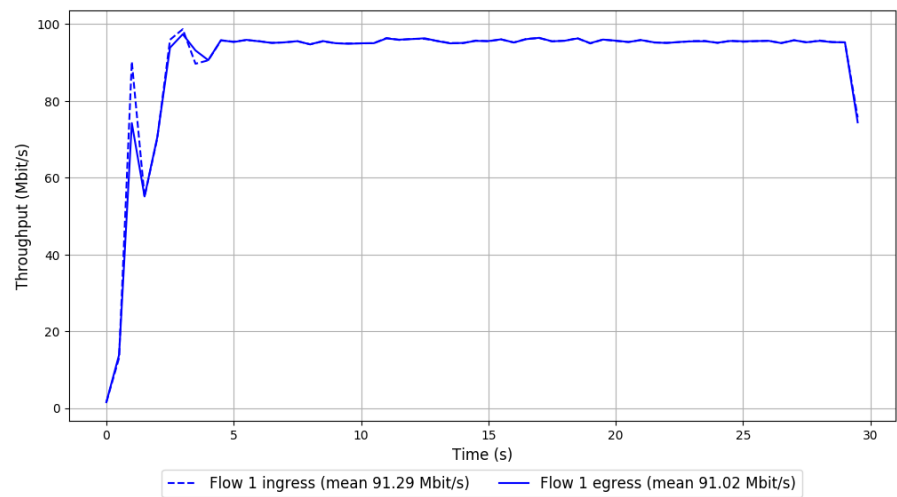


Run 1: Statistics of Vivace-LTE

Start at: 2018-02-13 01:13:50
End at: 2018-02-13 01:14:20
Local clock offset: 4.459 ms
Remote clock offset: -16.521 ms

Below is generated by plot.py at 2018-02-13 05:40:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.02 Mbit/s
95th percentile per-packet one-way delay: -5.695 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 91.02 Mbit/s
95th percentile per-packet one-way delay: -5.695 ms
Loss rate: 0.29%

Run 1: Report of Vivace-LTE — Data Link

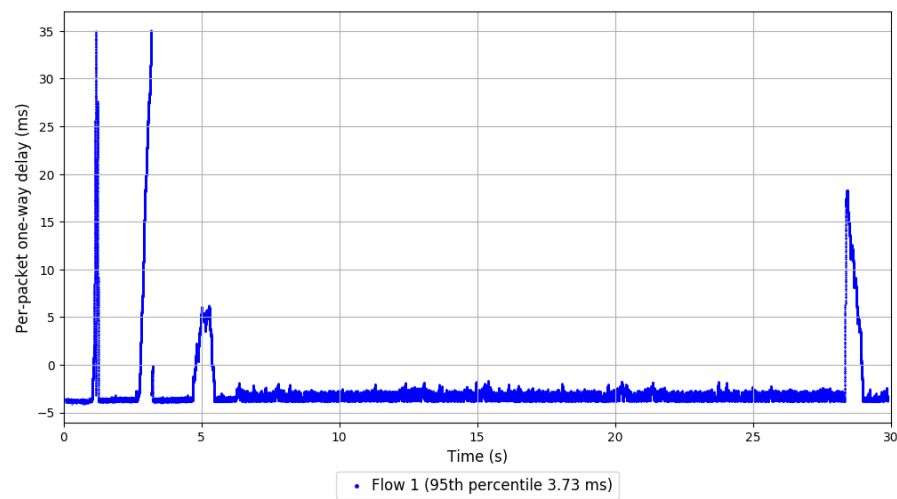
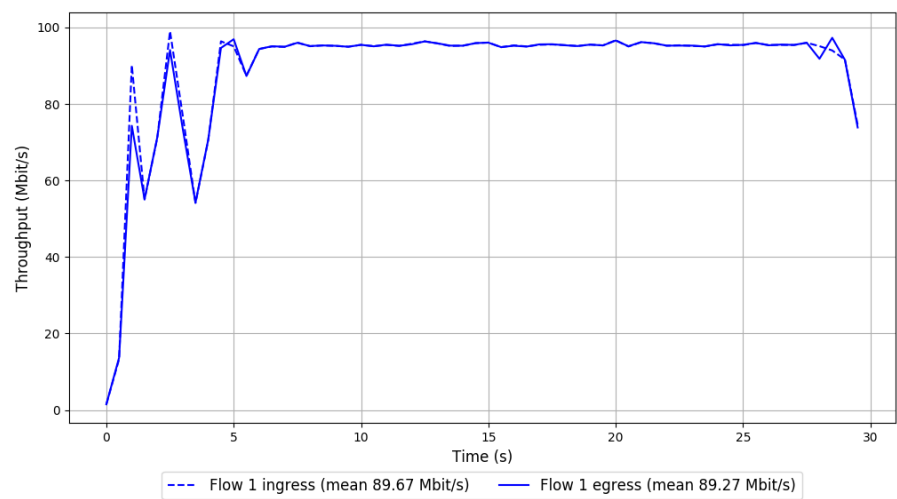


Run 2: Statistics of Vivace-LTE

Start at: 2018-02-13 01:34:51
End at: 2018-02-13 01:35:21
Local clock offset: 1.178 ms
Remote clock offset: -20.213 ms

Below is generated by plot.py at 2018-02-13 05:40:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.27 Mbit/s
95th percentile per-packet one-way delay: 3.729 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 89.27 Mbit/s
95th percentile per-packet one-way delay: 3.729 ms
Loss rate: 0.45%

Run 2: Report of Vivace-LTE — Data Link

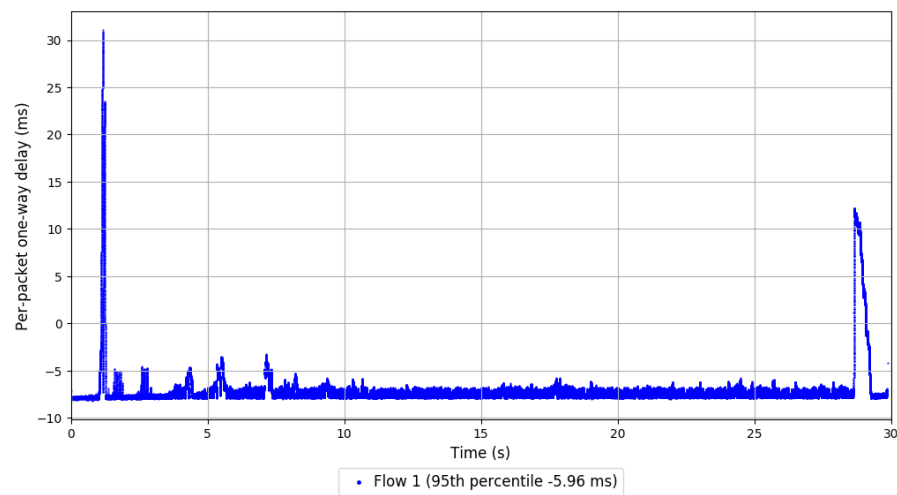
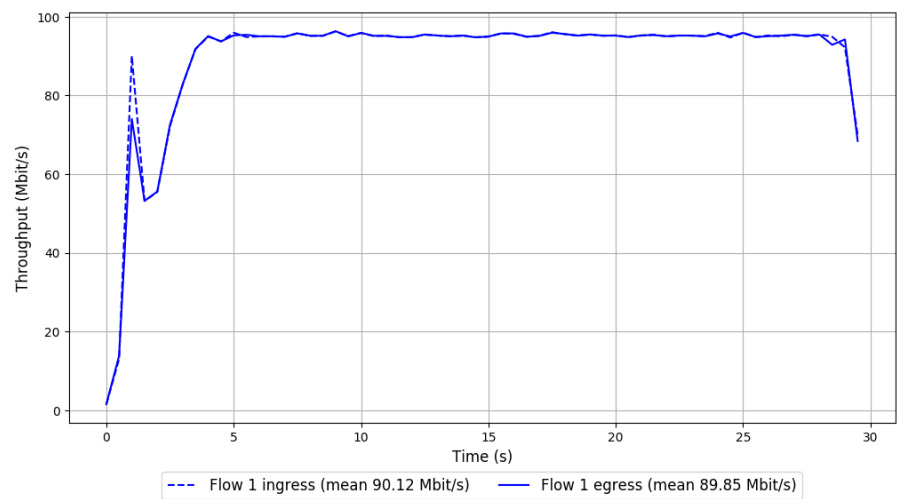


Run 3: Statistics of Vivace-LTE

Start at: 2018-02-13 01:55:56
End at: 2018-02-13 01:56:26
Local clock offset: 4.534 ms
Remote clock offset: -20.071 ms

Below is generated by plot.py at 2018-02-13 05:41:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.85 Mbit/s
95th percentile per-packet one-way delay: -5.959 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 89.85 Mbit/s
95th percentile per-packet one-way delay: -5.959 ms
Loss rate: 0.30%

Run 3: Report of Vivace-LTE — Data Link

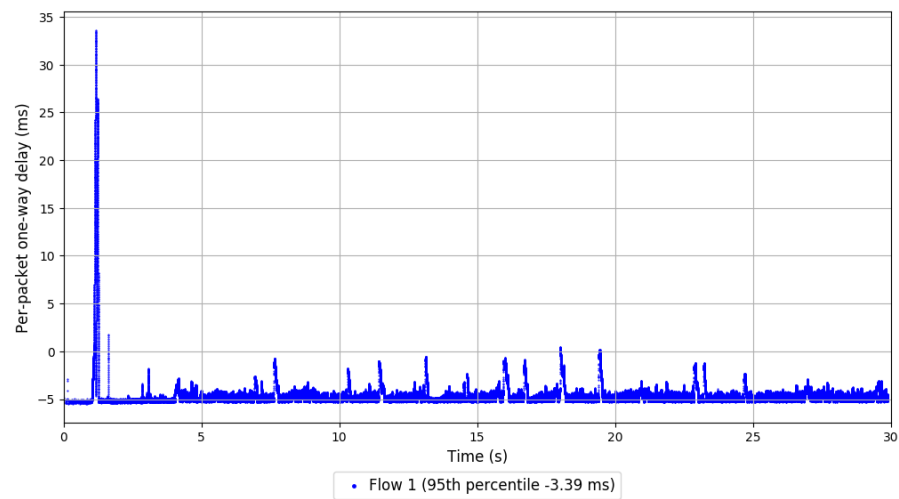
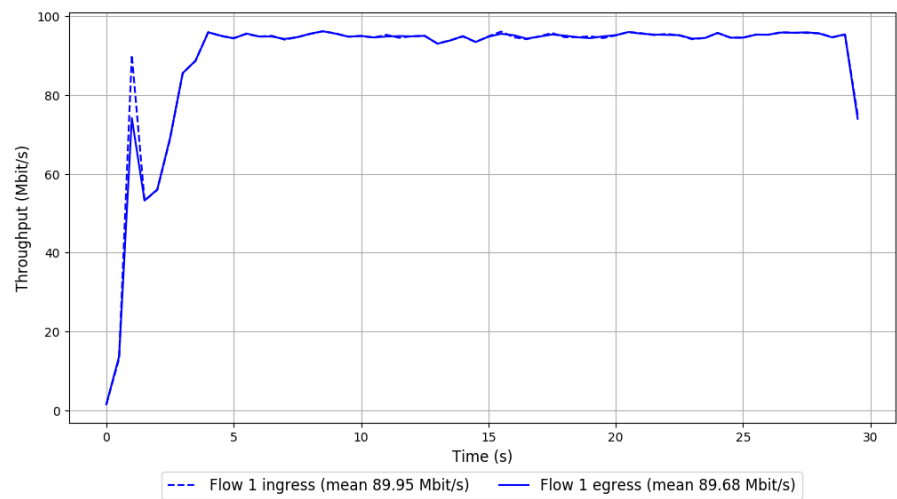


Run 4: Statistics of Vivace-LTE

Start at: 2018-02-13 02:16:57
End at: 2018-02-13 02:17:27
Local clock offset: 2.759 ms
Remote clock offset: -19.172 ms

Below is generated by plot.py at 2018-02-13 05:41:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 89.68 Mbit/s
95th percentile per-packet one-way delay: -3.392 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 89.68 Mbit/s
95th percentile per-packet one-way delay: -3.392 ms
Loss rate: 0.30%

Run 4: Report of Vivace-LTE — Data Link

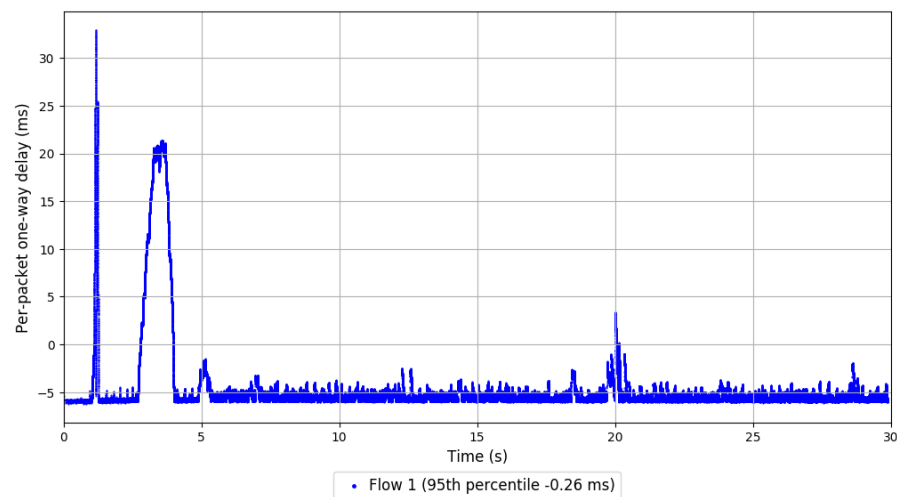
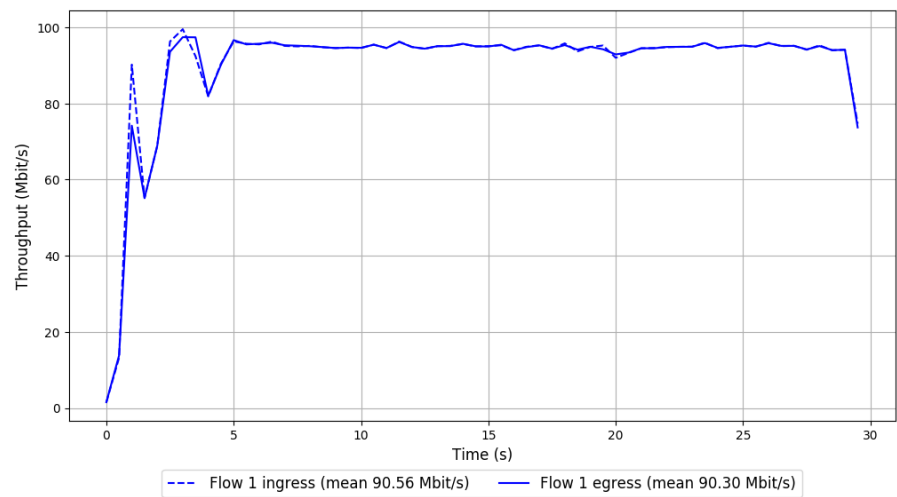


Run 5: Statistics of Vivace-LTE

Start at: 2018-02-13 02:38:08
End at: 2018-02-13 02:38:38
Local clock offset: 2.743 ms
Remote clock offset: -14.461 ms

Below is generated by plot.py at 2018-02-13 05:41:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.30 Mbit/s
95th percentile per-packet one-way delay: -0.259 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 90.30 Mbit/s
95th percentile per-packet one-way delay: -0.259 ms
Loss rate: 0.30%

Run 5: Report of Vivace-LTE — Data Link

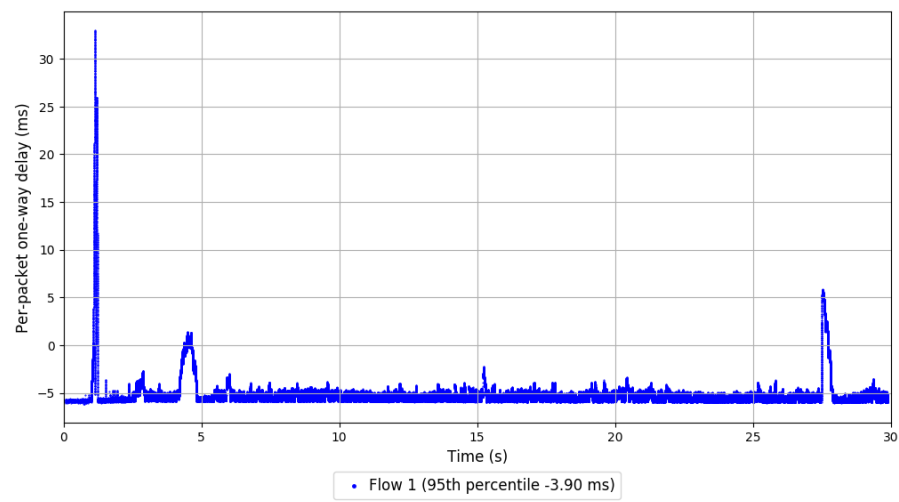
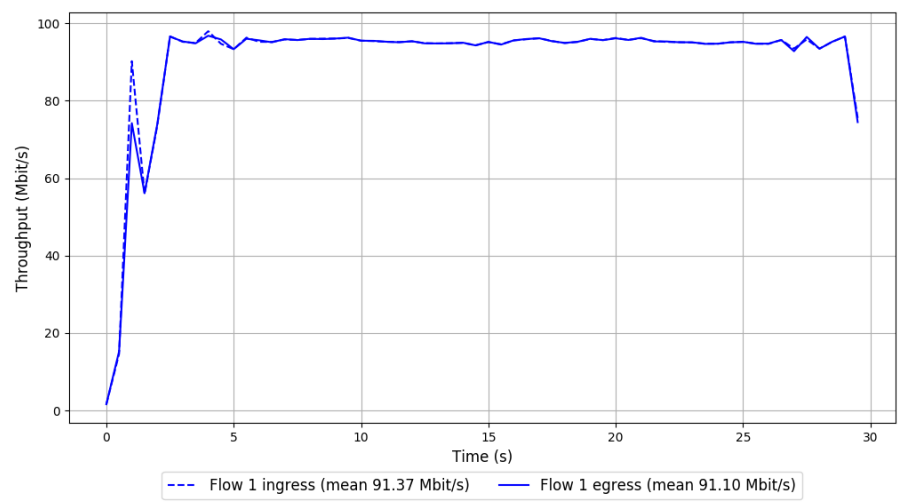


Run 6: Statistics of Vivace-LTE

Start at: 2018-02-13 02:59:08
End at: 2018-02-13 02:59:38
Local clock offset: 1.366 ms
Remote clock offset: -12.194 ms

Below is generated by plot.py at 2018-02-13 05:41:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.10 Mbit/s
95th percentile per-packet one-way delay: -3.898 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 91.10 Mbit/s
95th percentile per-packet one-way delay: -3.898 ms
Loss rate: 0.29%

Run 6: Report of Vivace-LTE — Data Link

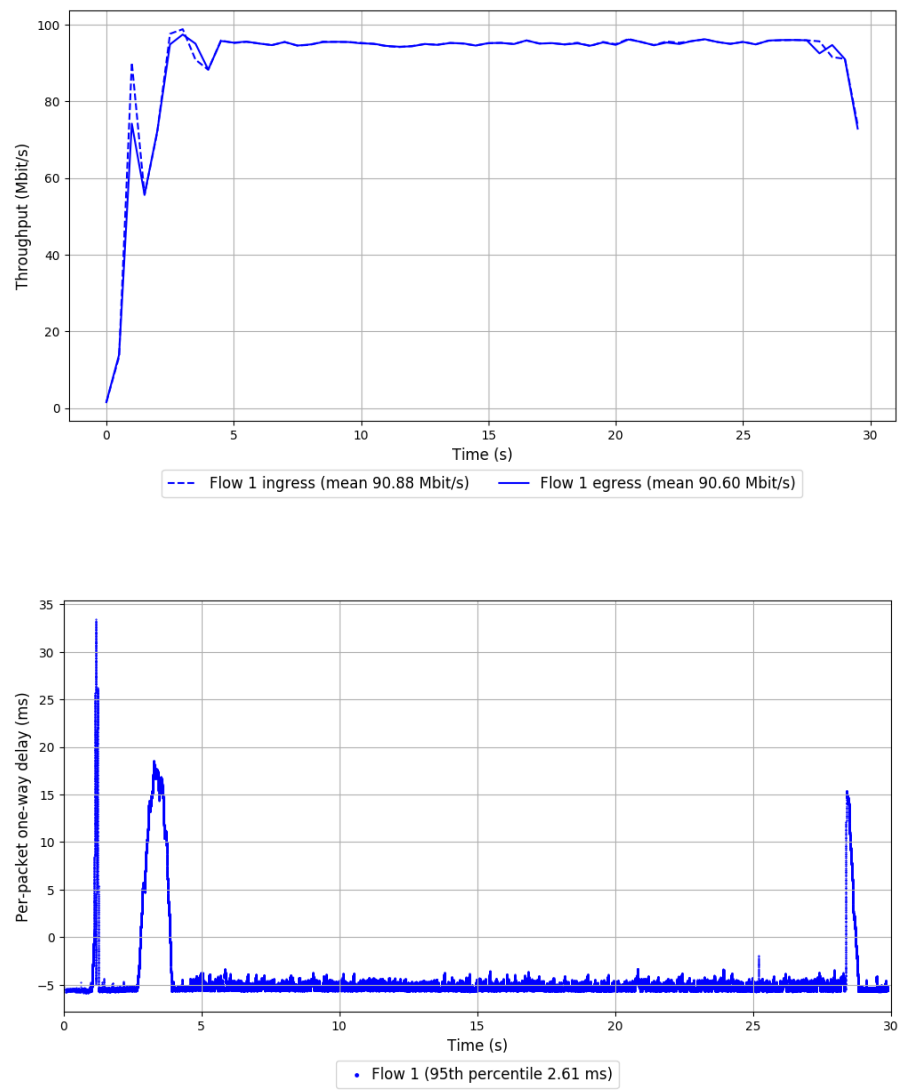


Run 7: Statistics of Vivace-LTE

Start at: 2018-02-13 03:20:22
End at: 2018-02-13 03:20:52
Local clock offset: 3.941 ms
Remote clock offset: -6.086 ms

Below is generated by plot.py at 2018-02-13 05:41:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.60 Mbit/s
95th percentile per-packet one-way delay: 2.606 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 90.60 Mbit/s
95th percentile per-packet one-way delay: 2.606 ms
Loss rate: 0.32%

Run 7: Report of Vivace-LTE — Data Link

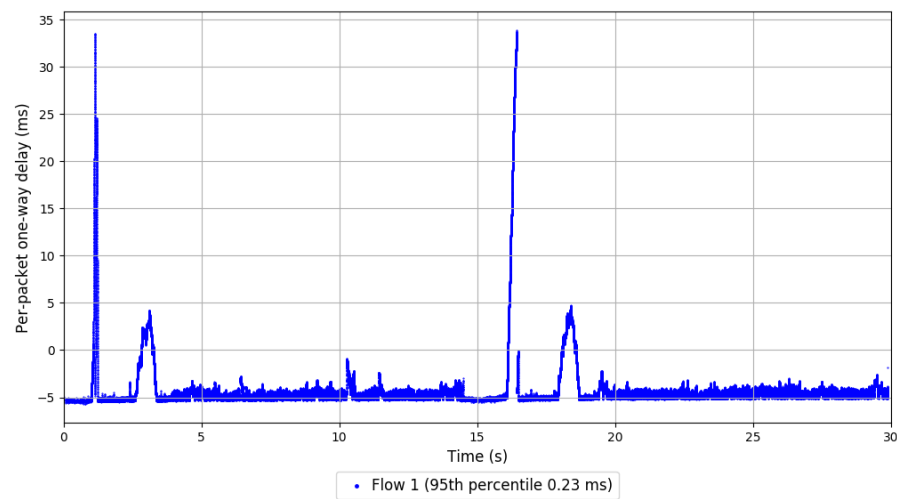
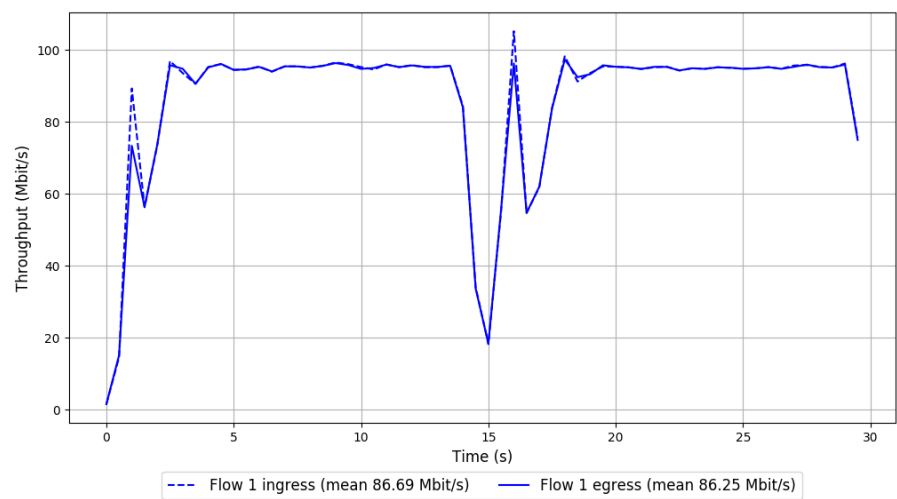


Run 8: Statistics of Vivace-LTE

Start at: 2018-02-13 03:41:44
End at: 2018-02-13 03:42:14
Local clock offset: 1.762 ms
Remote clock offset: -17.983 ms

Below is generated by plot.py at 2018-02-13 05:41:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.25 Mbit/s
95th percentile per-packet one-way delay: 0.234 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 86.25 Mbit/s
95th percentile per-packet one-way delay: 0.234 ms
Loss rate: 0.49%

Run 8: Report of Vivace-LTE — Data Link

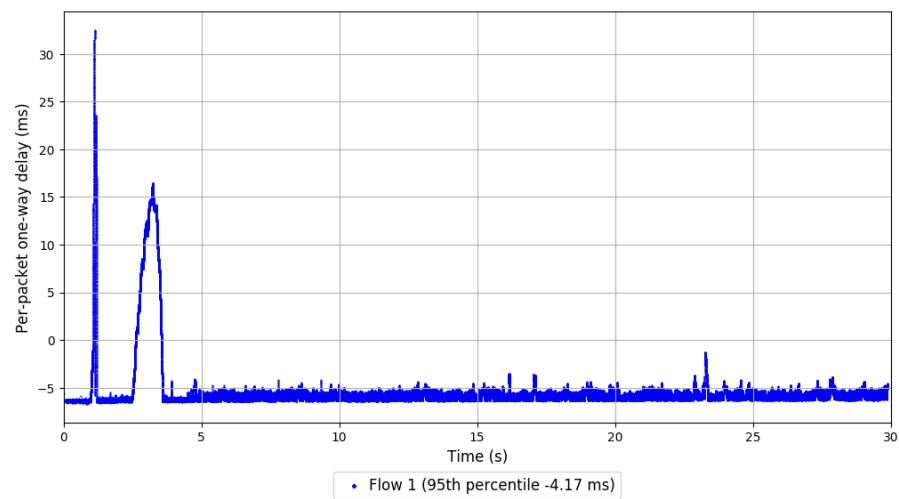
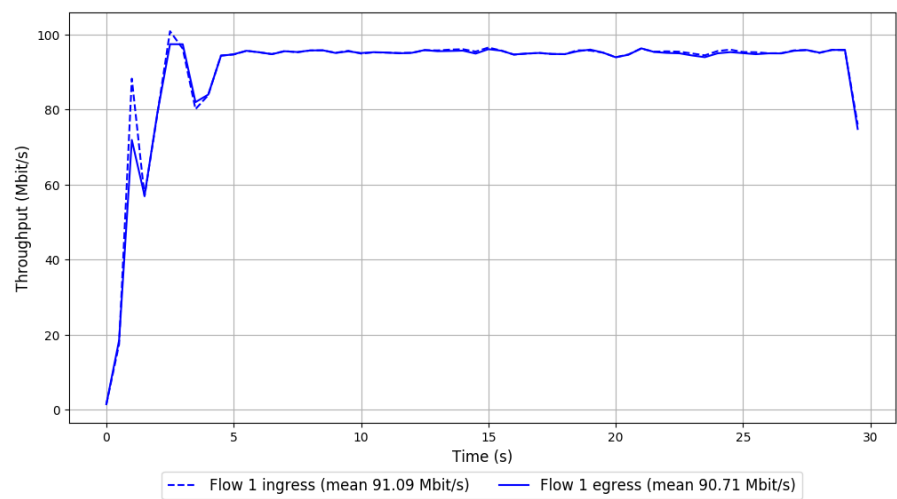


Run 9: Statistics of Vivace-LTE

Start at: 2018-02-13 04:02:54
End at: 2018-02-13 04:03:24
Local clock offset: 3.028 ms
Remote clock offset: -23.792 ms

Below is generated by plot.py at 2018-02-13 05:41:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.71 Mbit/s
95th percentile per-packet one-way delay: -4.173 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 90.71 Mbit/s
95th percentile per-packet one-way delay: -4.173 ms
Loss rate: 0.41%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-13 04:24:12
End at: 2018-02-13 04:24:42
Local clock offset: 4.471 ms
Remote clock offset: -26.288 ms

Below is generated by plot.py at 2018-02-13 05:41:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.77 Mbit/s
95th percentile per-packet one-way delay: 8.962 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 90.77 Mbit/s
95th percentile per-packet one-way delay: 8.962 ms
Loss rate: 0.29%

Run 10: Report of Vivace-LTE — Data Link

