

Pantheon Report

Generated at 2018-03-06 06:31:12 (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).

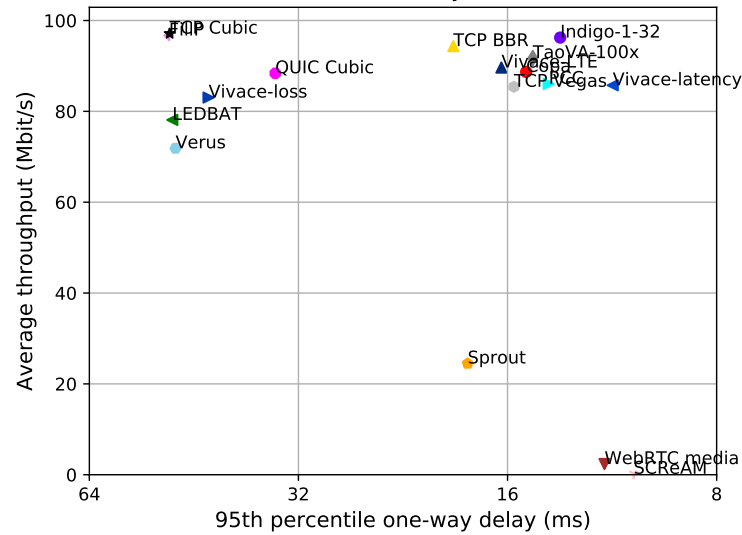
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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

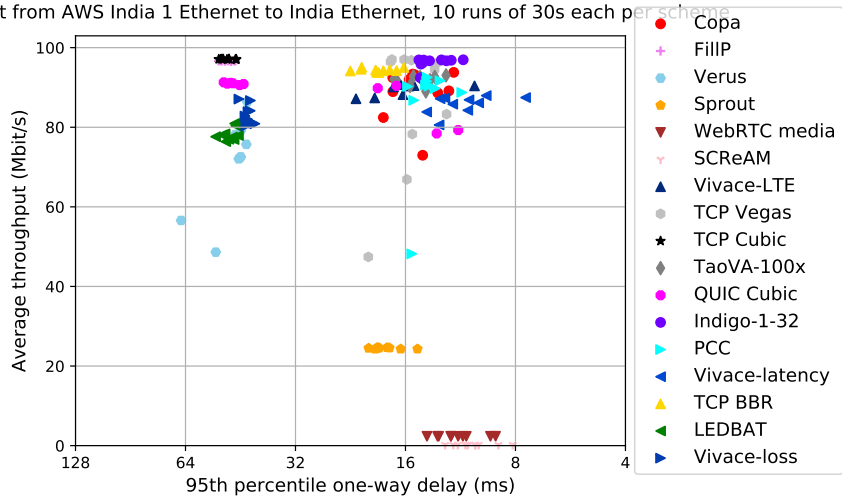
Git summary:

```
branch: master @ f12c42a2c63fdd9a862eefa0468859bf379b6623
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from 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	94.36	19.15	0.21
TCP Cubic	10	97.11	49.06	0.41
LEDBAT	10	78.11	48.62	0.19
PCC	10	86.05	13.96	0.26
QUIC Cubic	10	88.39	34.56	0.35
SCReAM	10	0.21	10.53	0.00
WebRTC media	10	2.34	11.60	0.00
Sprout	10	24.49	18.26	0.00
TaoVA-100x	10	91.72	14.72	0.00
TCP Vegas	10	85.41	15.67	0.14
Verus	10	71.87	48.10	31.16
Copa	10	88.69	15.04	0.00
FillP	10	96.70	49.16	23.00
Indigo-1-32	10	96.24	13.44	0.03
Vivace-latency	10	85.74	11.29	0.00
Vivace-loss	10	83.03	43.11	9.30
Vivace-LTE	10	89.64	16.33	0.37

Run 1: Statistics of TCP BBR

Start at: 2018-03-06 02:01:27

End at: 2018-03-06 02:01:57

Local clock offset: 1.765 ms

Remote clock offset: -4.0 ms

Below is generated by plot.py at 2018-03-06 06:05:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.20 Mbit/s

95th percentile per-packet one-way delay: 18.395 ms

Loss rate: 0.18%

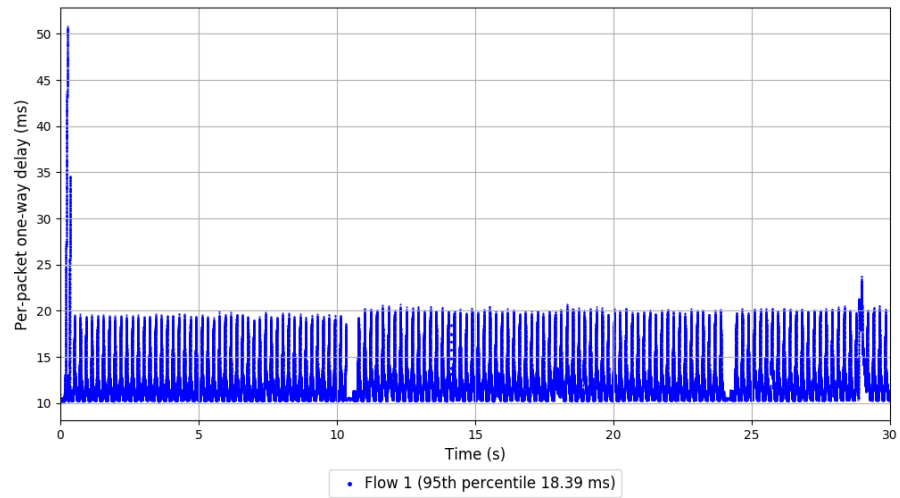
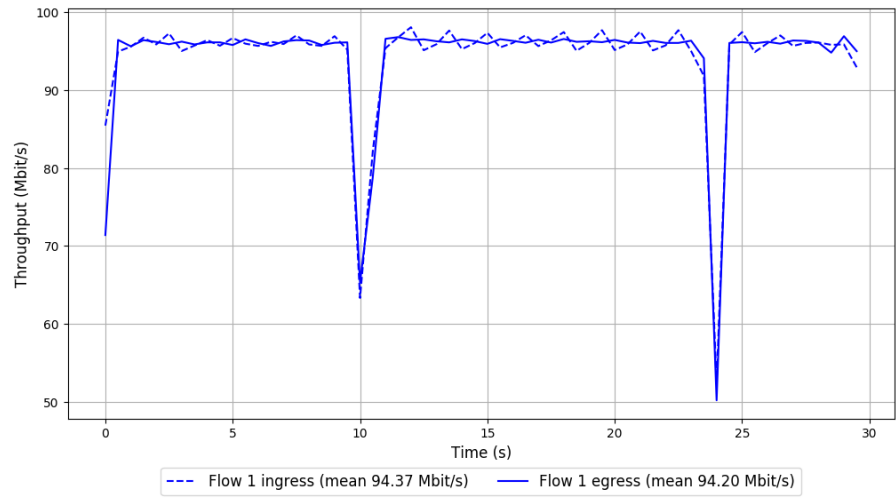
-- Flow 1:

Average throughput: 94.20 Mbit/s

95th percentile per-packet one-way delay: 18.395 ms

Loss rate: 0.18%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-03-06 02:22:21

End at: 2018-03-06 02:22:51

Local clock offset: 3.692 ms

Remote clock offset: 0.527 ms

Below is generated by plot.py at 2018-03-06 06:05:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.23 Mbit/s

95th percentile per-packet one-way delay: 16.924 ms

Loss rate: 0.19%

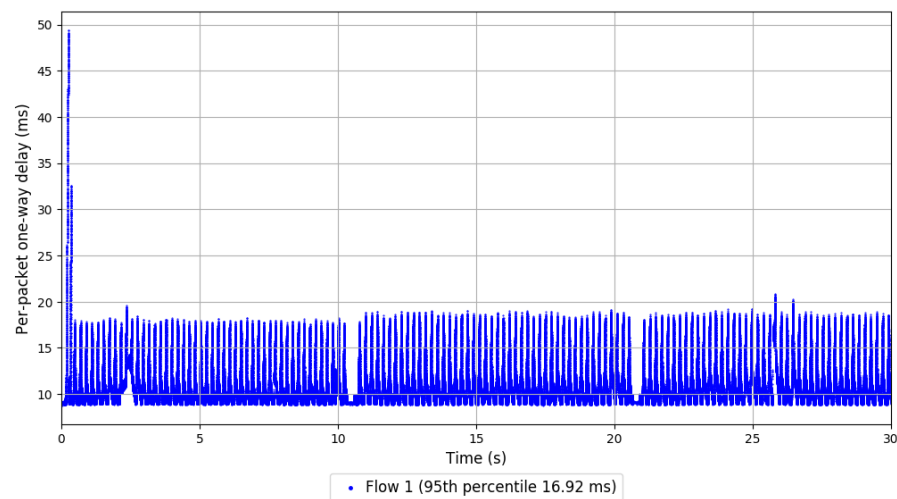
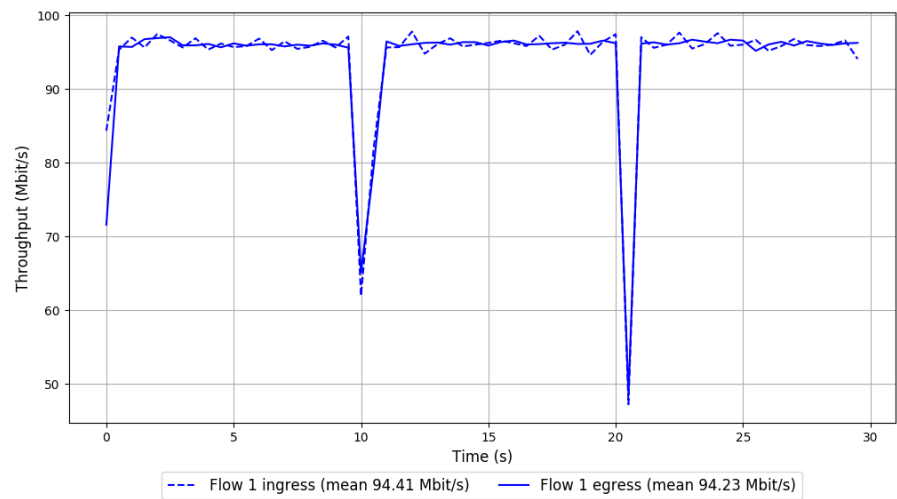
-- Flow 1:

Average throughput: 94.23 Mbit/s

95th percentile per-packet one-way delay: 16.924 ms

Loss rate: 0.19%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-03-06 02:43:24

End at: 2018-03-06 02:43:54

Local clock offset: 4.71 ms

Remote clock offset: -0.089 ms

Below is generated by plot.py at 2018-03-06 06:05:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.42 Mbit/s

95th percentile per-packet one-way delay: 17.667 ms

Loss rate: 0.18%

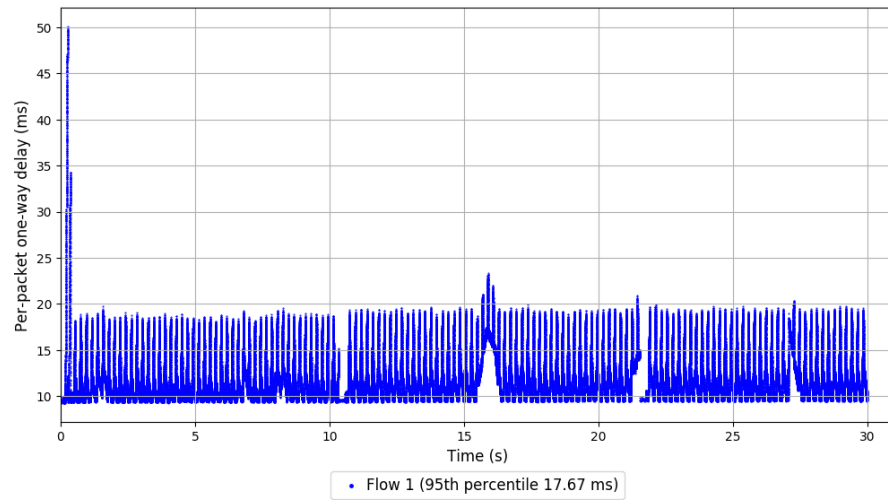
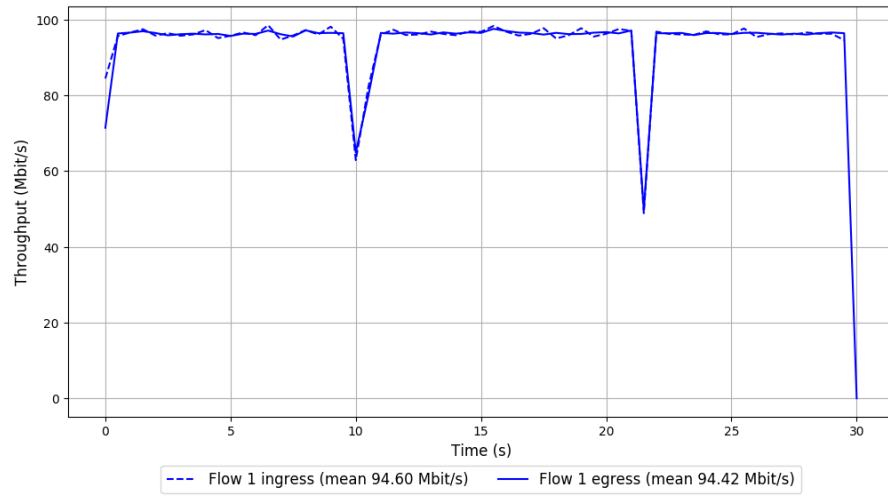
-- Flow 1:

Average throughput: 94.42 Mbit/s

95th percentile per-packet one-way delay: 17.667 ms

Loss rate: 0.18%

Run 3: Report of TCP BBR — Data Link

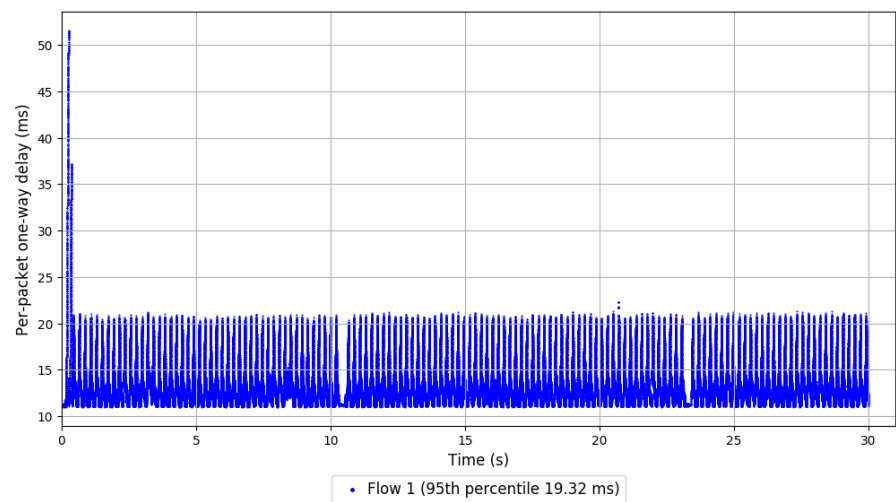
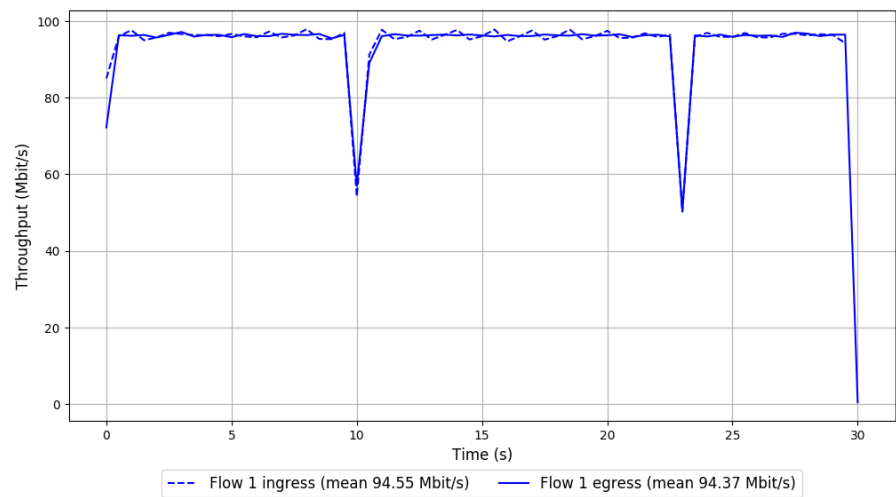


Run 4: Statistics of TCP BBR

Start at: 2018-03-06 03:04:31
End at: 2018-03-06 03:05:02
Local clock offset: 3.065 ms
Remote clock offset: -2.213 ms

Below is generated by plot.py at 2018-03-06 06:05:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 94.37 Mbit/s
95th percentile per-packet one-way delay: 19.315 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 94.37 Mbit/s
95th percentile per-packet one-way delay: 19.315 ms
Loss rate: 0.18%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-03-06 03:25:41

End at: 2018-03-06 03:26:11

Local clock offset: 4.759 ms

Remote clock offset: 2.755 ms

Below is generated by plot.py at 2018-03-06 06:05:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.76 Mbit/s

95th percentile per-packet one-way delay: 18.945 ms

Loss rate: 0.23%

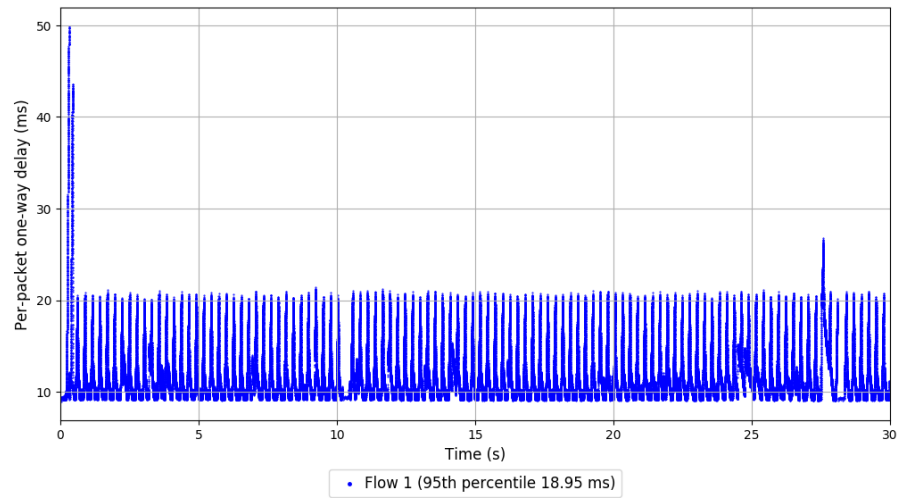
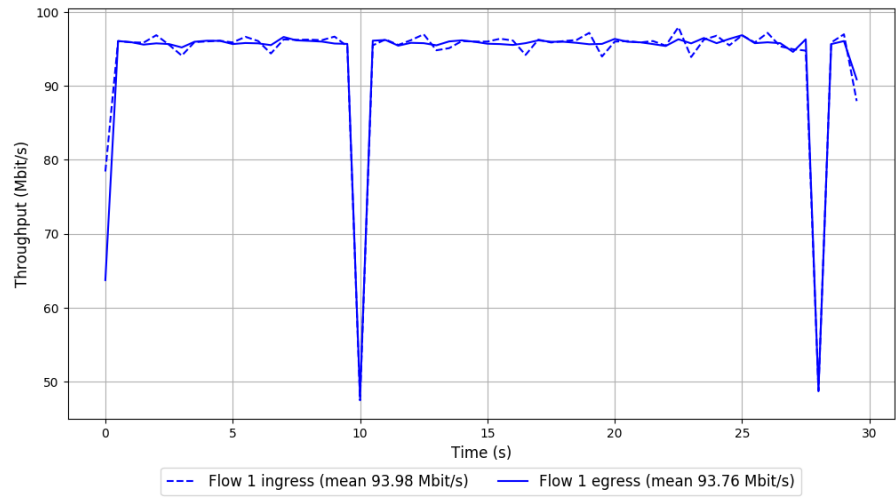
-- Flow 1:

Average throughput: 93.76 Mbit/s

95th percentile per-packet one-way delay: 18.945 ms

Loss rate: 0.23%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-03-06 03:46:46

End at: 2018-03-06 03:47:16

Local clock offset: 3.046 ms

Remote clock offset: 5.962 ms

Below is generated by plot.py at 2018-03-06 06:05:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.15 Mbit/s

95th percentile per-packet one-way delay: 22.642 ms

Loss rate: 0.20%

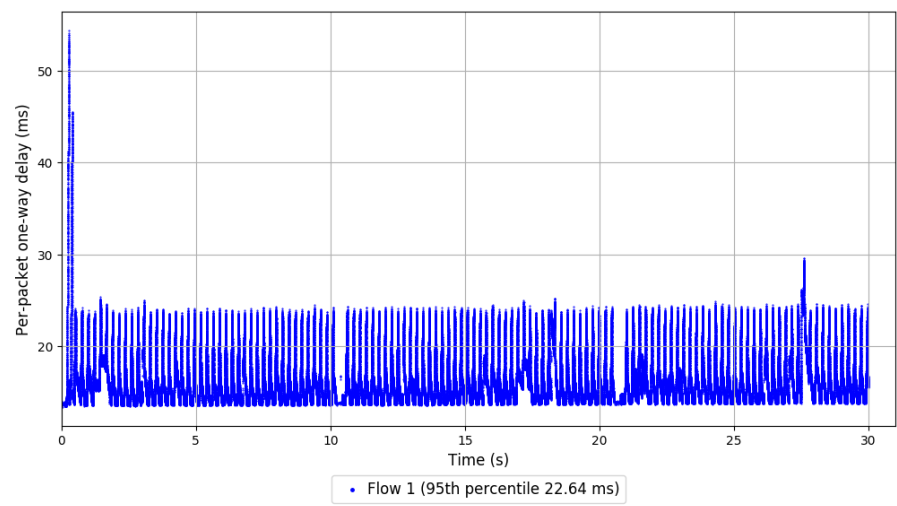
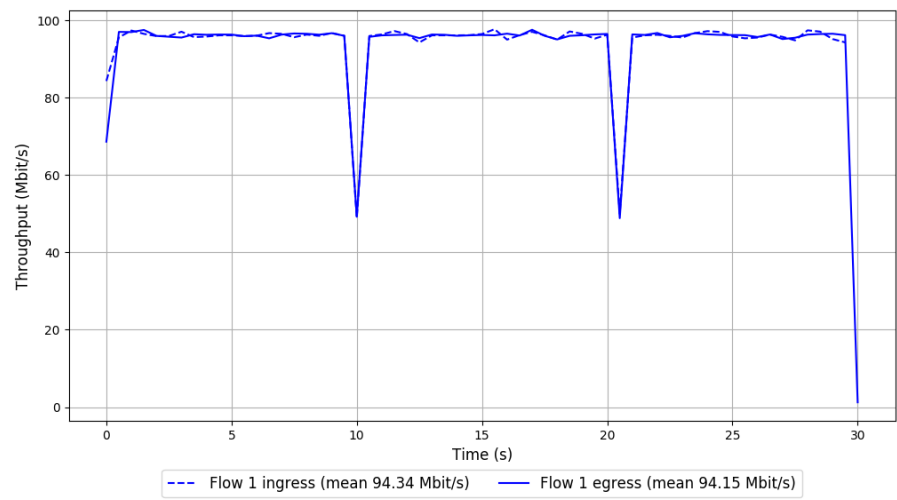
-- Flow 1:

Average throughput: 94.15 Mbit/s

95th percentile per-packet one-way delay: 22.642 ms

Loss rate: 0.20%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-03-06 04:08:18

End at: 2018-03-06 04:08:48

Local clock offset: 0.286 ms

Remote clock offset: 0.949 ms

Below is generated by plot.py at 2018-03-06 06:05:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.07 Mbit/s

95th percentile per-packet one-way delay: 21.088 ms

Loss rate: 0.19%

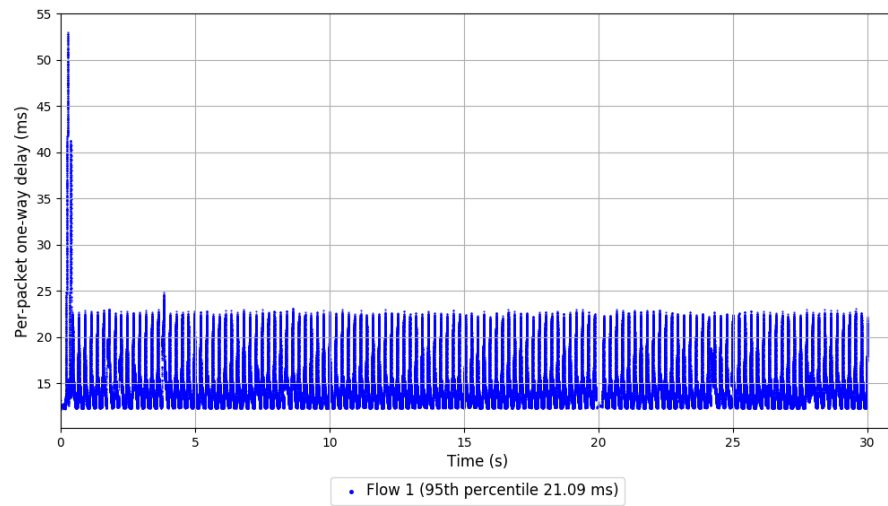
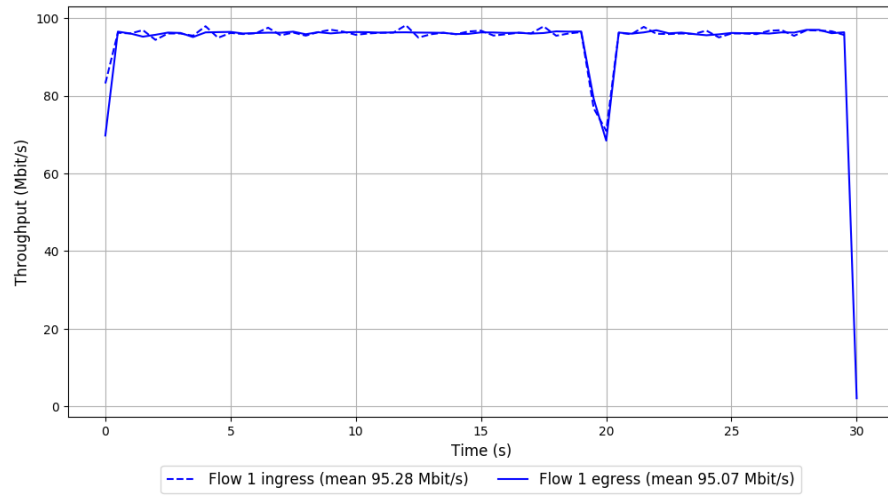
-- Flow 1:

Average throughput: 95.07 Mbit/s

95th percentile per-packet one-way delay: 21.088 ms

Loss rate: 0.19%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-03-06 04:29:46

End at: 2018-03-06 04:30:16

Local clock offset: 3.639 ms

Remote clock offset: -0.427 ms

Below is generated by plot.py at 2018-03-06 06:05:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.04 Mbit/s

95th percentile per-packet one-way delay: 16.158 ms

Loss rate: 0.19%

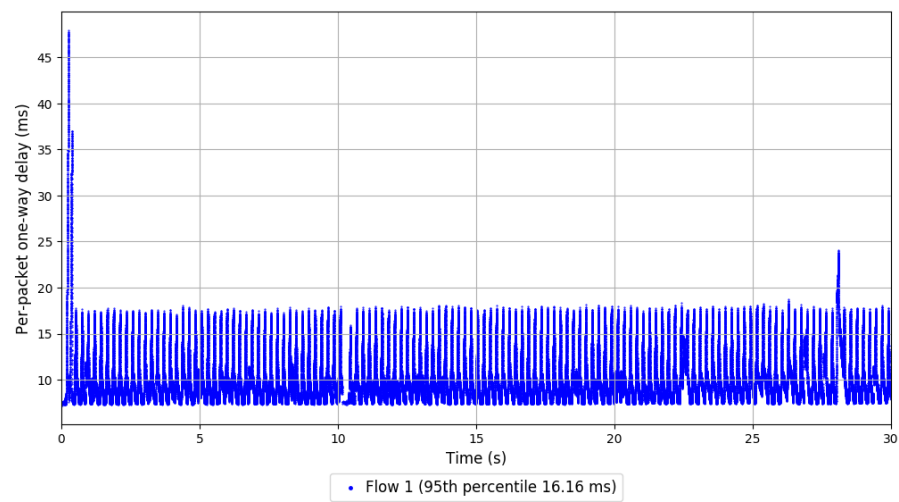
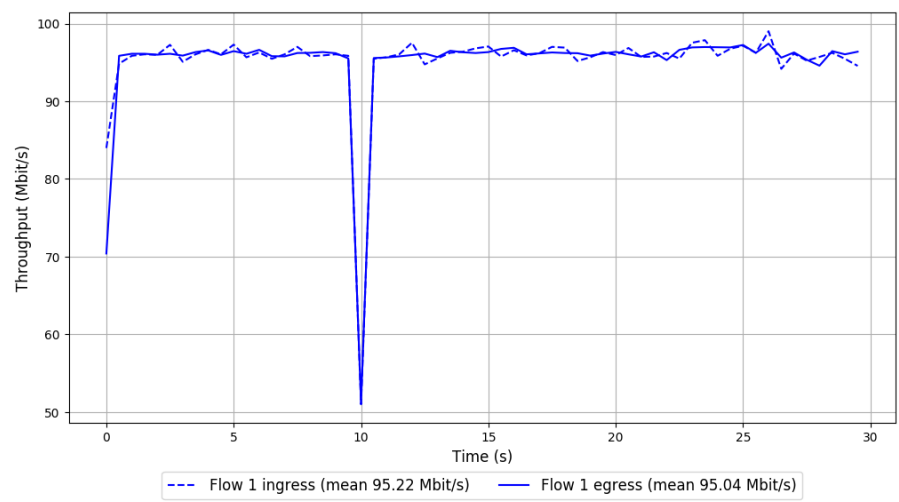
-- Flow 1:

Average throughput: 95.04 Mbit/s

95th percentile per-packet one-way delay: 16.158 ms

Loss rate: 0.19%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-03-06 04:52:04

End at: 2018-03-06 04:52:34

Local clock offset: 3.778 ms

Remote clock offset: 1.65 ms

Below is generated by plot.py at 2018-03-06 06:06:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.56 Mbit/s

95th percentile per-packet one-way delay: 21.173 ms

Loss rate: 0.22%

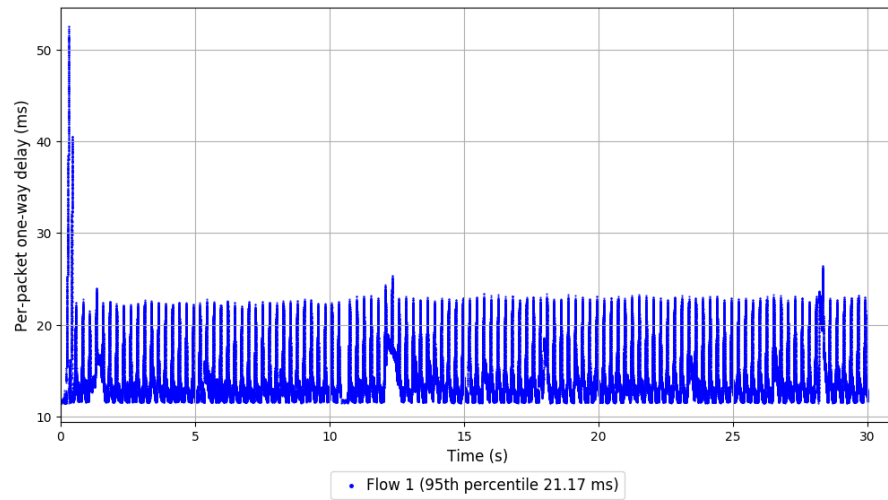
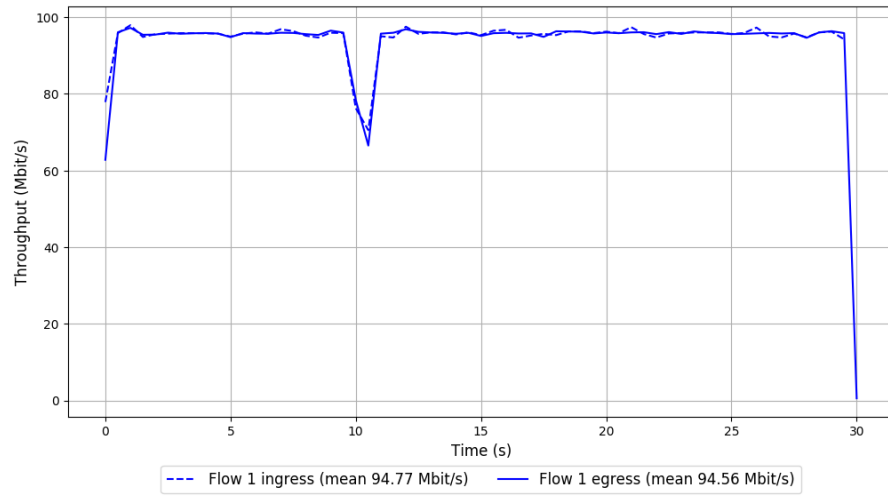
-- Flow 1:

Average throughput: 94.56 Mbit/s

95th percentile per-packet one-way delay: 21.173 ms

Loss rate: 0.22%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-03-06 05:14:01

End at: 2018-03-06 05:14:32

Local clock offset: 5.381 ms

Remote clock offset: 0.223 ms

Below is generated by plot.py at 2018-03-06 06:06:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.82 Mbit/s

95th percentile per-packet one-way delay: 19.208 ms

Loss rate: 0.35%

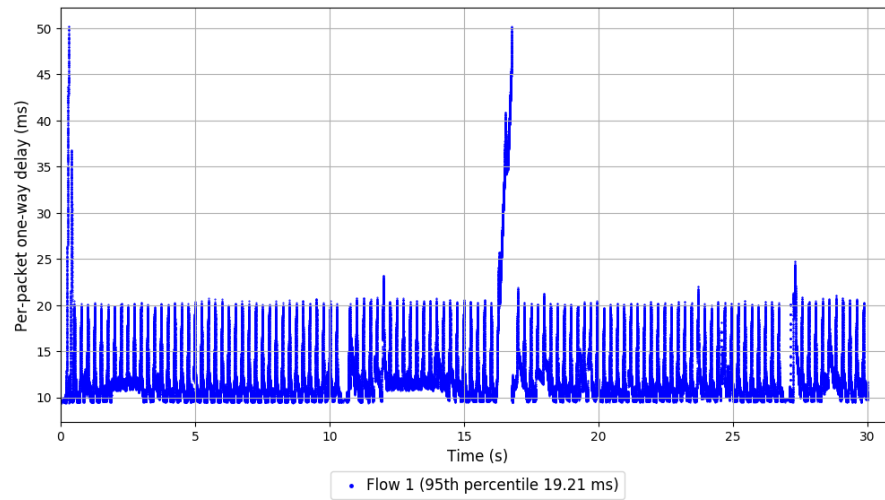
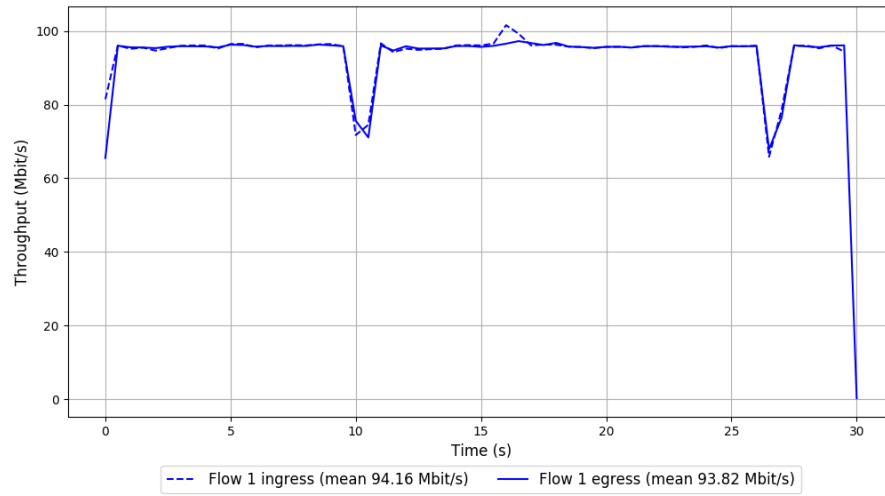
-- Flow 1:

Average throughput: 93.82 Mbit/s

95th percentile per-packet one-way delay: 19.208 ms

Loss rate: 0.35%

Run 10: Report of TCP BBR — Data Link

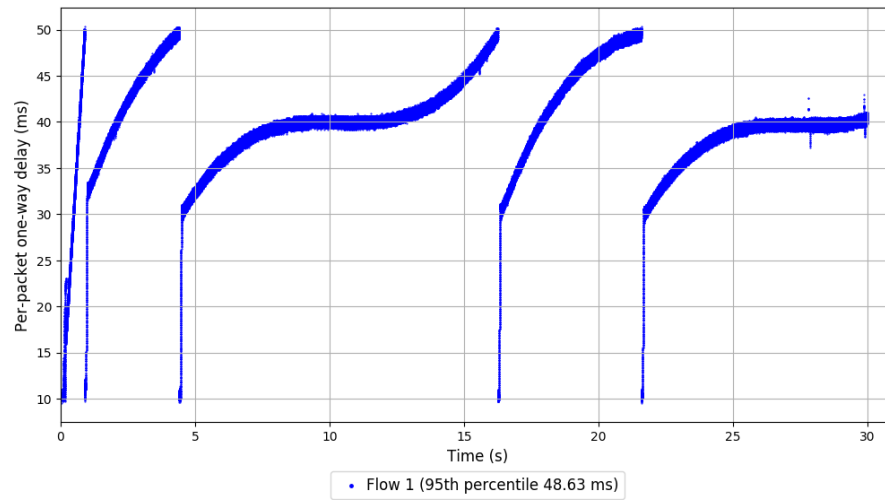
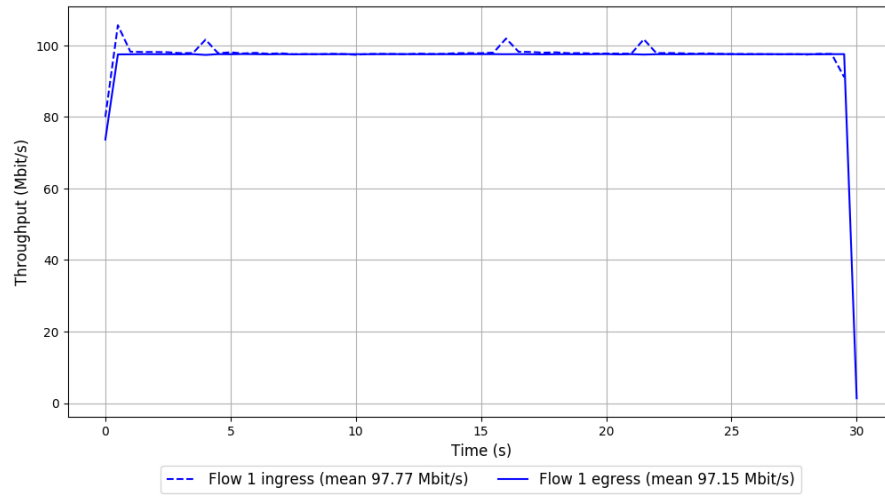


Run 1: Statistics of TCP Cubic

Start at: 2018-03-06 02:05:00
End at: 2018-03-06 02:05:30
Local clock offset: 2.793 ms
Remote clock offset: -2.782 ms

Below is generated by plot.py at 2018-03-06 06:06:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 48.635 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 48.635 ms
Loss rate: 0.54%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-03-06 02:25:54

End at: 2018-03-06 02:26:24

Local clock offset: 2.054 ms

Remote clock offset: 2.375 ms

Below is generated by plot.py at 2018-03-06 06:06:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.16 Mbit/s

95th percentile per-packet one-way delay: 51.145 ms

Loss rate: 0.33%

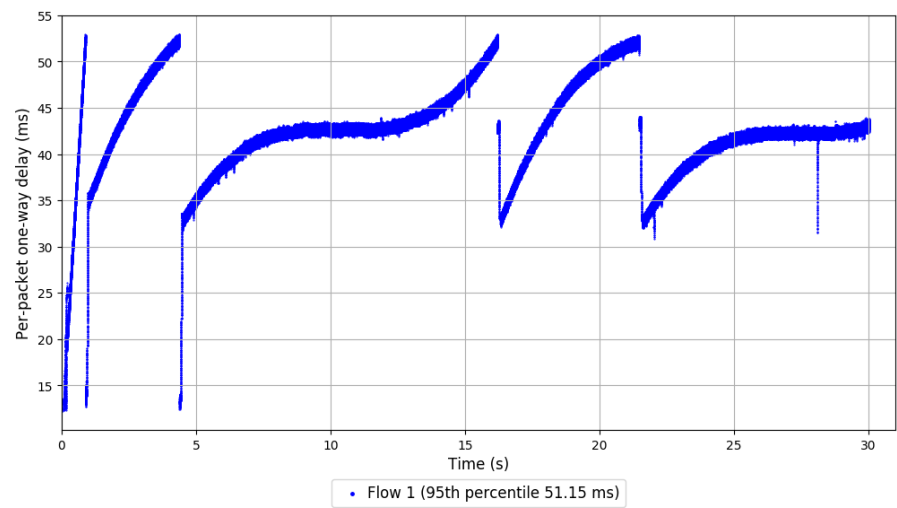
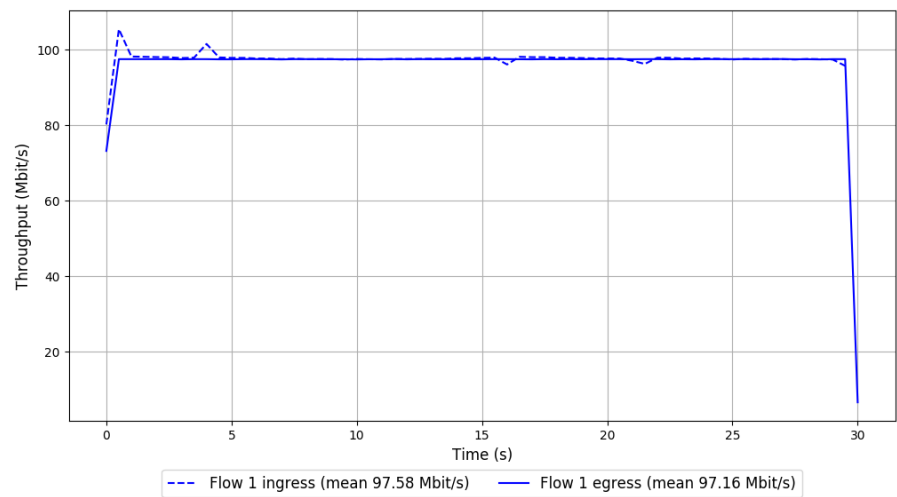
-- Flow 1:

Average throughput: 97.16 Mbit/s

95th percentile per-packet one-way delay: 51.145 ms

Loss rate: 0.33%

Run 2: Report of TCP Cubic — Data Link

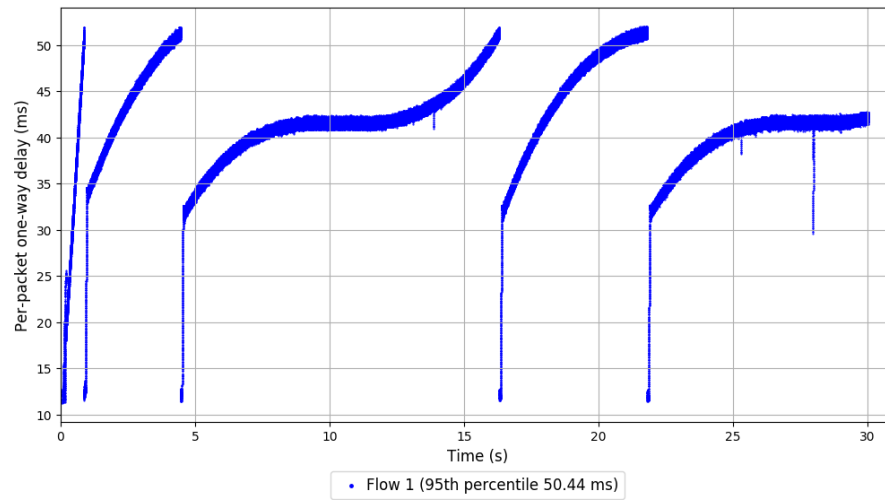
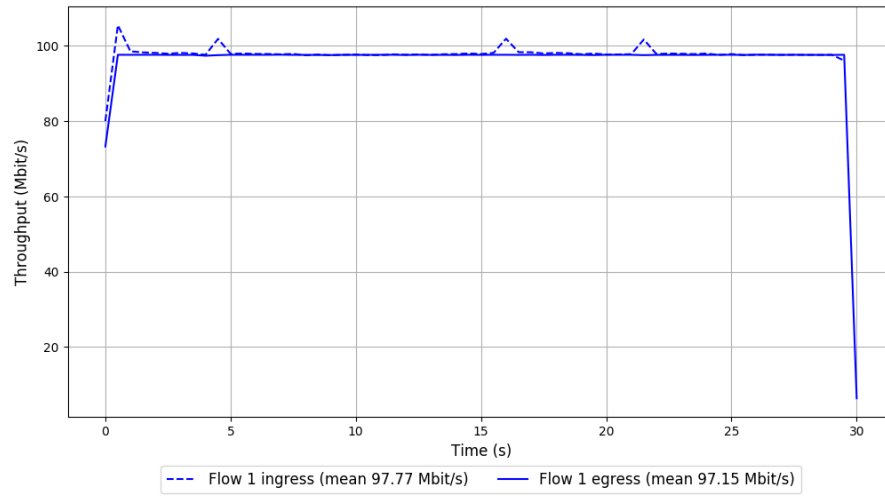


Run 3: Statistics of TCP Cubic

Start at: 2018-03-06 02:47:09
End at: 2018-03-06 02:47:39
Local clock offset: 3.581 ms
Remote clock offset: -0.232 ms

Below is generated by plot.py at 2018-03-06 06:06:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 50.443 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 97.15 Mbit/s
95th percentile per-packet one-way delay: 50.443 ms
Loss rate: 0.53%

Run 3: Report of TCP Cubic — Data Link

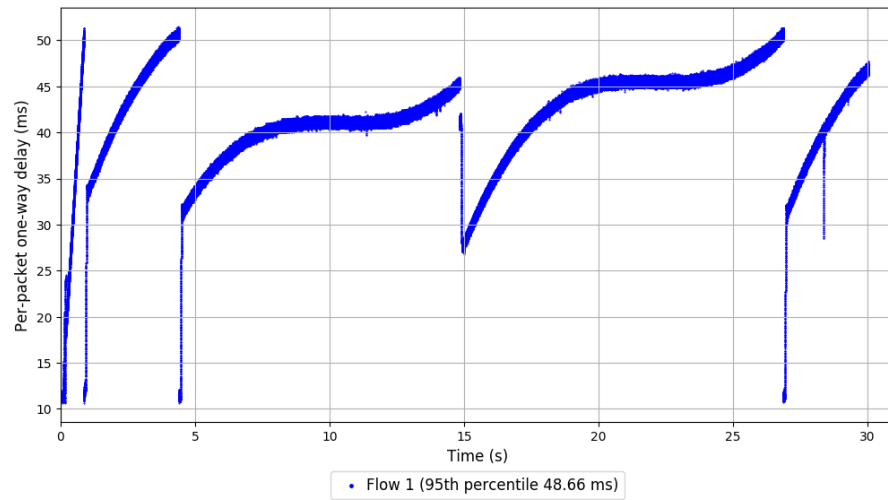
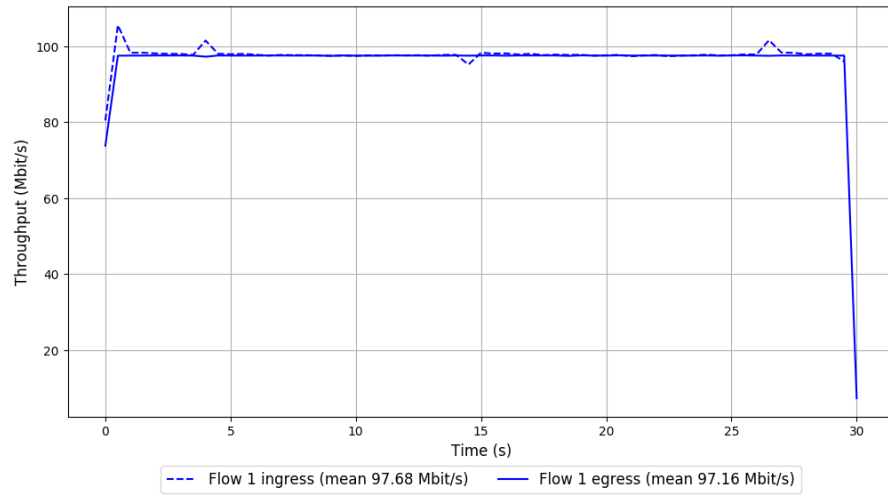


Run 4: Statistics of TCP Cubic

Start at: 2018-03-06 03:08:04
End at: 2018-03-06 03:08:34
Local clock offset: 2.941 ms
Remote clock offset: -2.841 ms

Below is generated by plot.py at 2018-03-06 06:06:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.16 Mbit/s
95th percentile per-packet one-way delay: 48.656 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 97.16 Mbit/s
95th percentile per-packet one-way delay: 48.656 ms
Loss rate: 0.42%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-03-06 03:29:12

End at: 2018-03-06 03:29:42

Local clock offset: 3.599 ms

Remote clock offset: 2.331 ms

Below is generated by plot.py at 2018-03-06 06:06:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.01 Mbit/s

95th percentile per-packet one-way delay: 46.460 ms

Loss rate: 0.40%

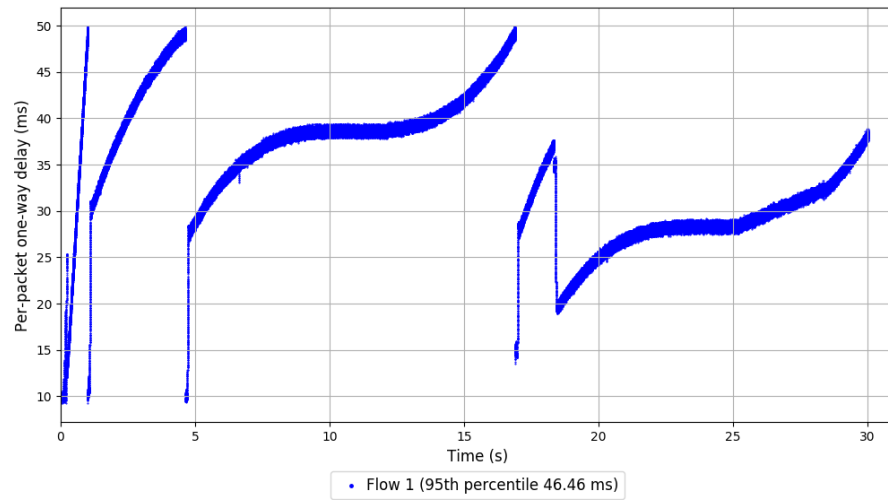
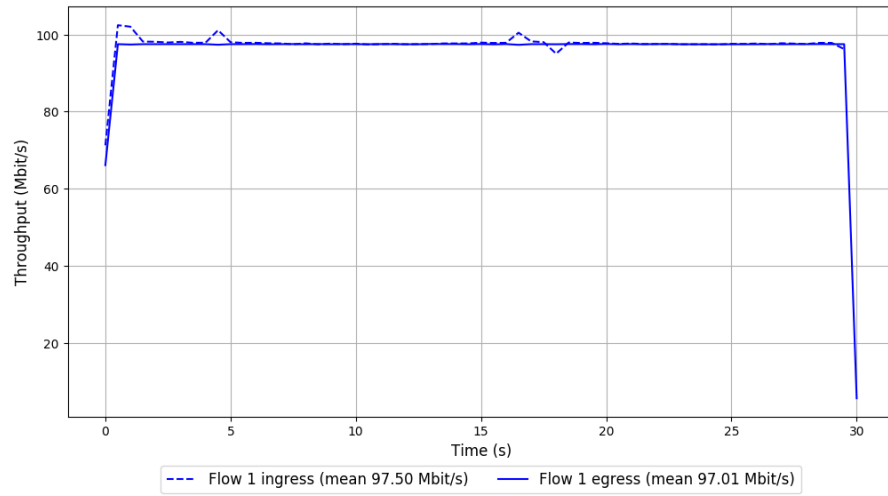
-- Flow 1:

Average throughput: 97.01 Mbit/s

95th percentile per-packet one-way delay: 46.460 ms

Loss rate: 0.40%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-03-06 03:50:28

End at: 2018-03-06 03:50:58

Local clock offset: 3.062 ms

Remote clock offset: 2.882 ms

Below is generated by plot.py at 2018-03-06 06:06:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 50.813 ms

Loss rate: 0.42%

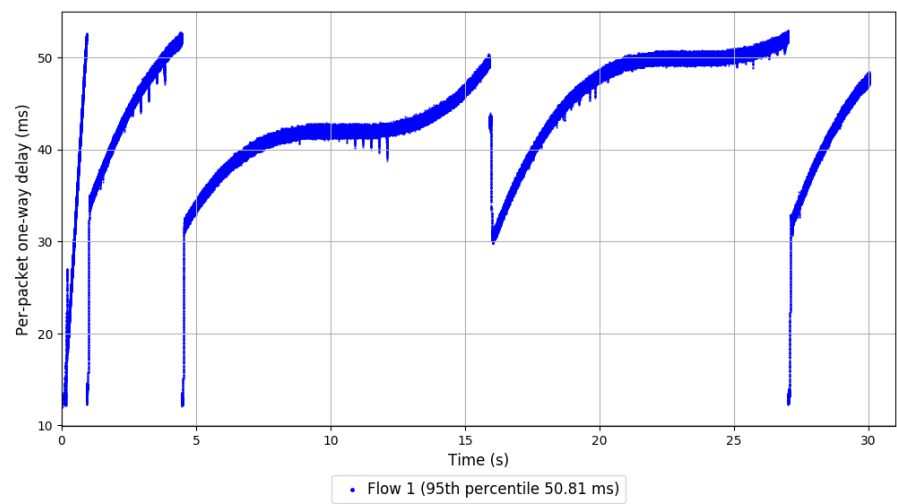
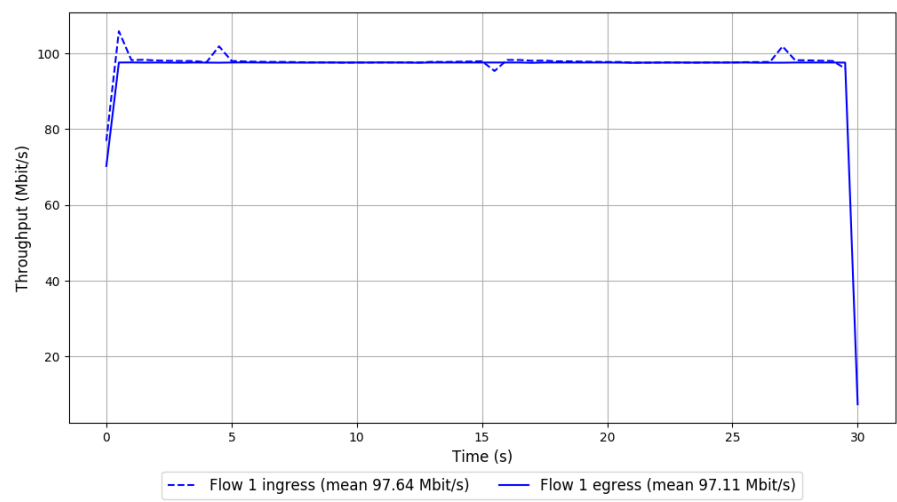
-- Flow 1:

Average throughput: 97.11 Mbit/s

95th percentile per-packet one-way delay: 50.813 ms

Loss rate: 0.42%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-03-06 04:11:57

End at: 2018-03-06 04:12:27

Local clock offset: 3.081 ms

Remote clock offset: 0.729 ms

Below is generated by plot.py at 2018-03-06 06:08:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.13 Mbit/s

95th percentile per-packet one-way delay: 46.534 ms

Loss rate: 0.32%

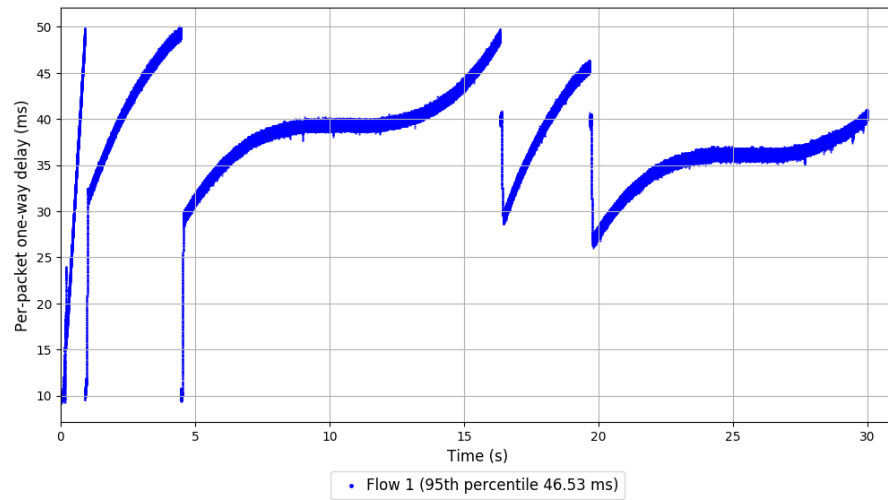
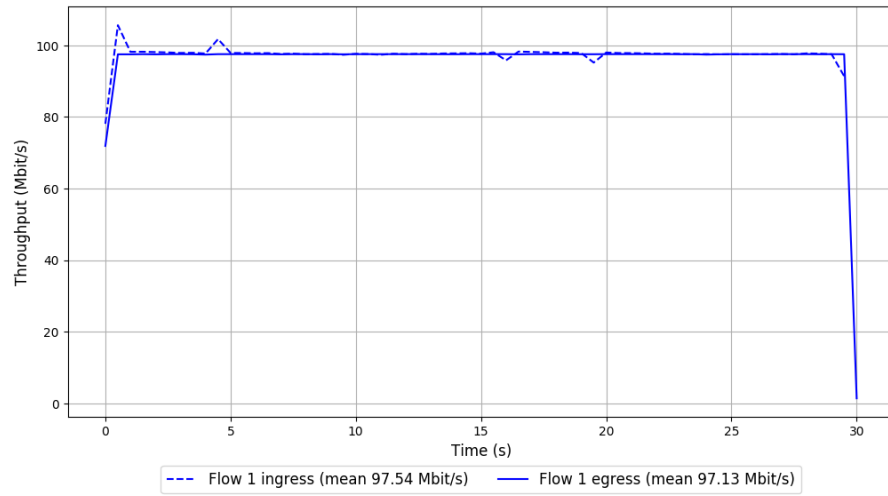
-- Flow 1:

Average throughput: 97.13 Mbit/s

95th percentile per-packet one-way delay: 46.534 ms

Loss rate: 0.32%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-03-06 04:33:43

End at: 2018-03-06 04:34:13

Local clock offset: 0.514 ms

Remote clock offset: 0.489 ms

Below is generated by plot.py at 2018-03-06 06:08:03

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 51.900 ms

Loss rate: 0.43%

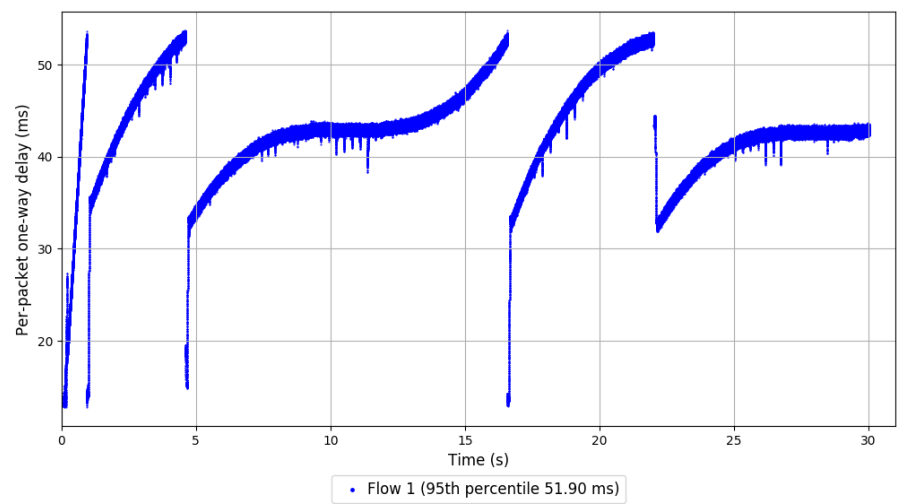
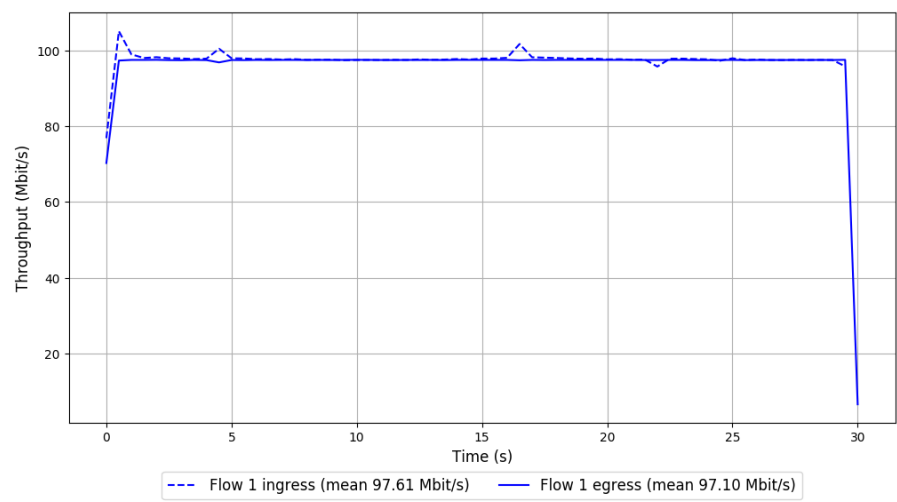
-- Flow 1:

Average throughput: 97.10 Mbit/s

95th percentile per-packet one-way delay: 51.900 ms

Loss rate: 0.43%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2018-03-06 04:55:52

End at: 2018-03-06 04:56:22

Local clock offset: 2.278 ms

Remote clock offset: 1.404 ms

Below is generated by plot.py at 2018-03-06 06:08:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.06 Mbit/s

95th percentile per-packet one-way delay: 49.265 ms

Loss rate: 0.42%

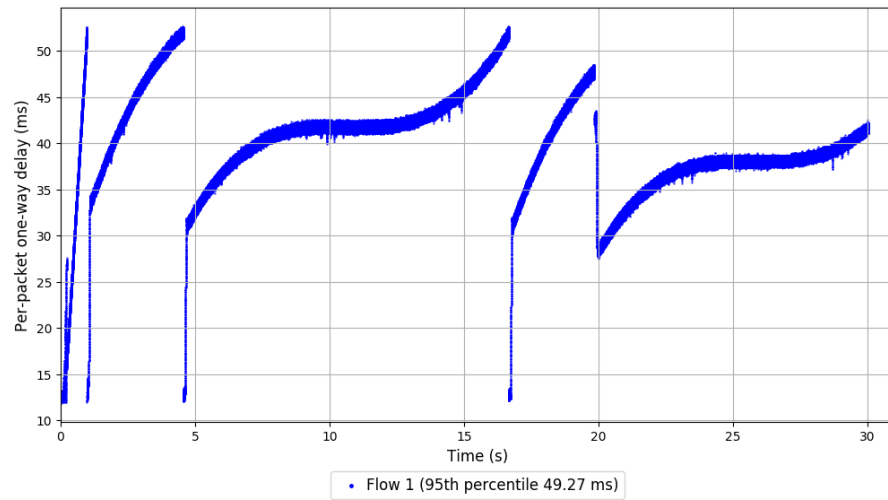
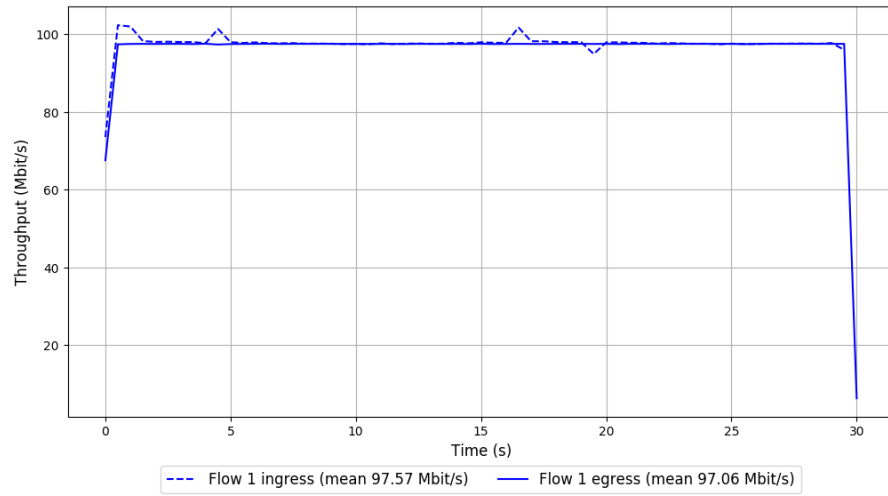
-- Flow 1:

Average throughput: 97.06 Mbit/s

95th percentile per-packet one-way delay: 49.265 ms

Loss rate: 0.42%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-03-06 05:17:48

End at: 2018-03-06 05:18:18

Local clock offset: 5.071 ms

Remote clock offset: -0.366 ms

Below is generated by plot.py at 2018-03-06 06:08:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 46.705 ms

Loss rate: 0.31%

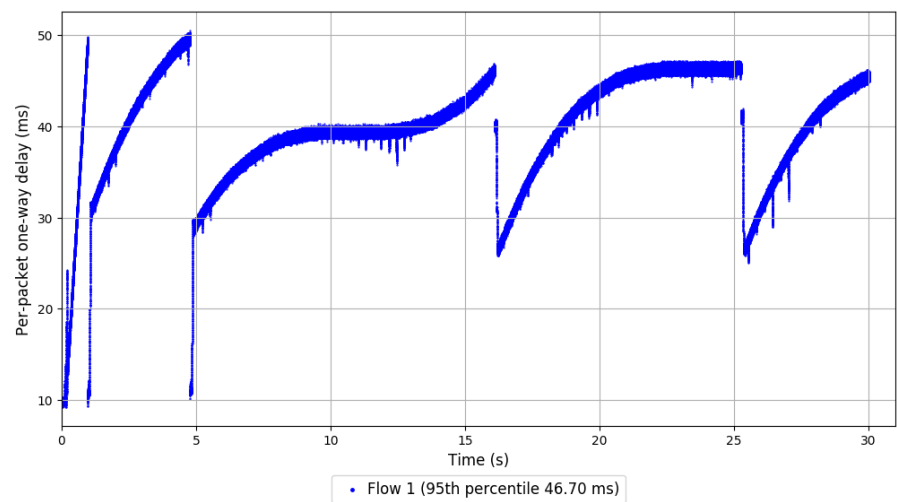
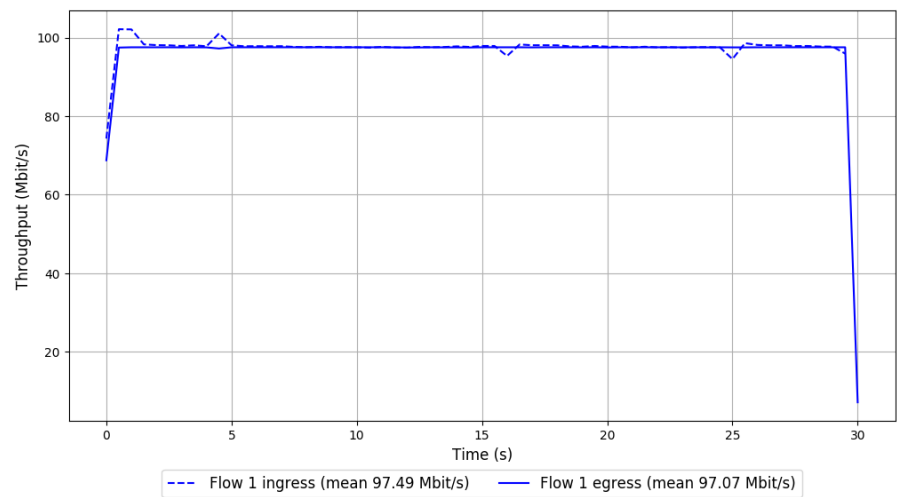
-- Flow 1:

Average throughput: 97.07 Mbit/s

95th percentile per-packet one-way delay: 46.705 ms

Loss rate: 0.31%

Run 10: Report of TCP Cubic — Data Link

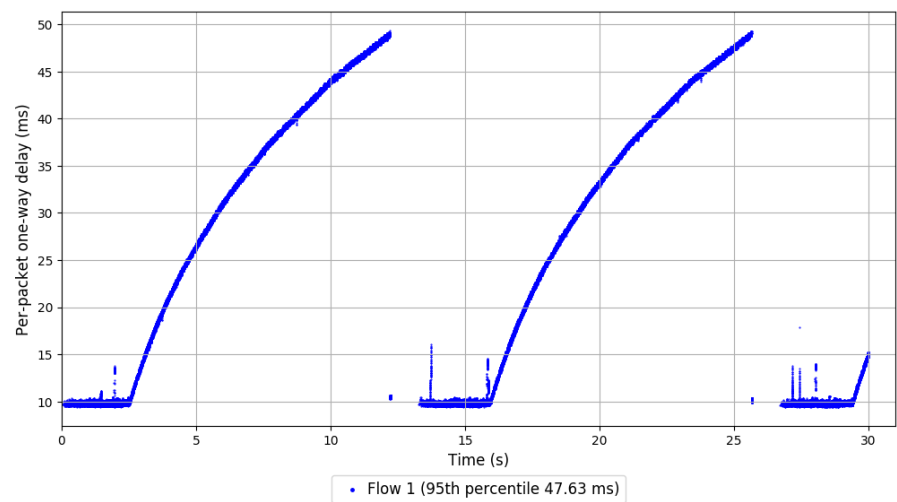
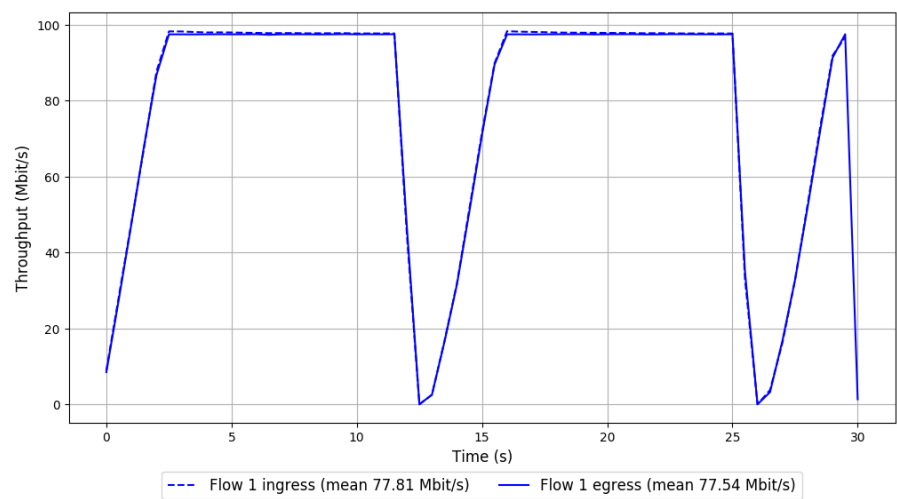


```
Run 1: Statistics of LEDBAT

Start at: 2018-03-06 02:17:48
End at: 2018-03-06 02:18:18
Local clock offset: 4.308 ms
Remote clock offset: 1.452 ms

# Below is generated by plot.py at 2018-03-06 06:08:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 77.54 Mbit/s
95th percentile per-packet one-way delay: 47.634 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 77.54 Mbit/s
95th percentile per-packet one-way delay: 47.634 ms
Loss rate: 0.32%
```


Run 1: Report of LEDBAT — Data Link

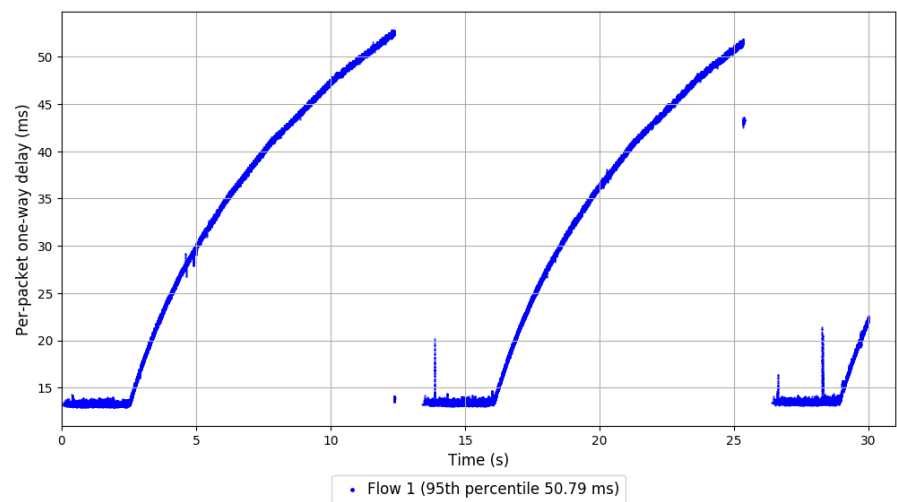
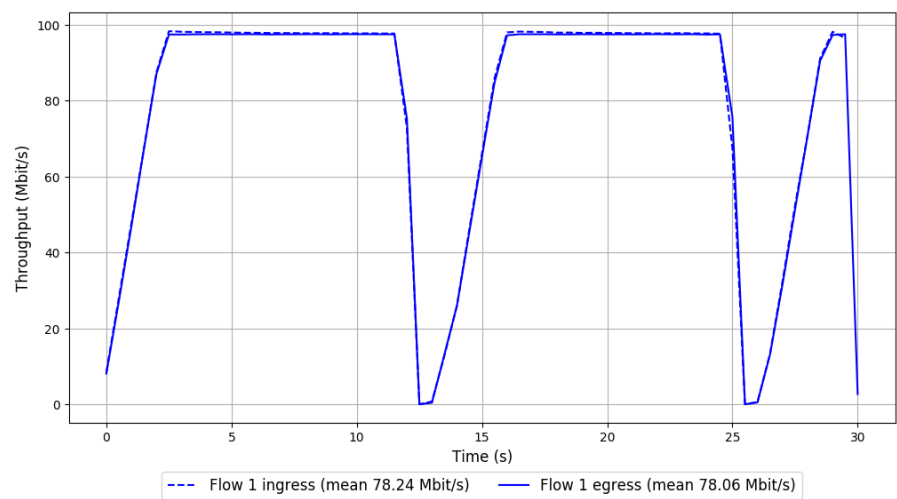


```
Run 2: Statistics of LEDBAT

Start at: 2018-03-06 02:38:44
End at: 2018-03-06 02:39:14
Local clock offset: 1.706 ms
Remote clock offset: 2.263 ms

# Below is generated by plot.py at 2018-03-06 06:08:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 78.06 Mbit/s
95th percentile per-packet one-way delay: 50.789 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 78.06 Mbit/s
95th percentile per-packet one-way delay: 50.789 ms
Loss rate: 0.20%
```

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-03-06 02:59:57

End at: 2018-03-06 03:00:27

Local clock offset: 1.289 ms

Remote clock offset: -2.43 ms

Below is generated by plot.py at 2018-03-06 06:08:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.34 Mbit/s

95th percentile per-packet one-way delay: 49.867 ms

Loss rate: 0.20%

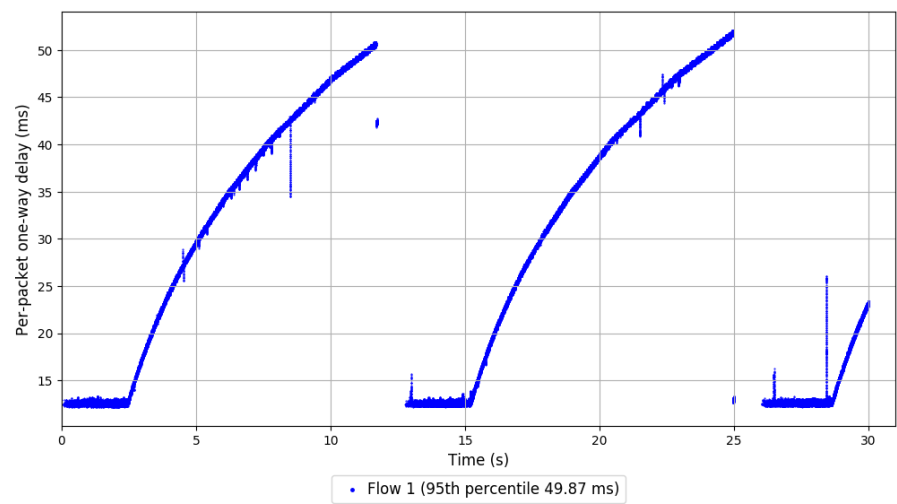
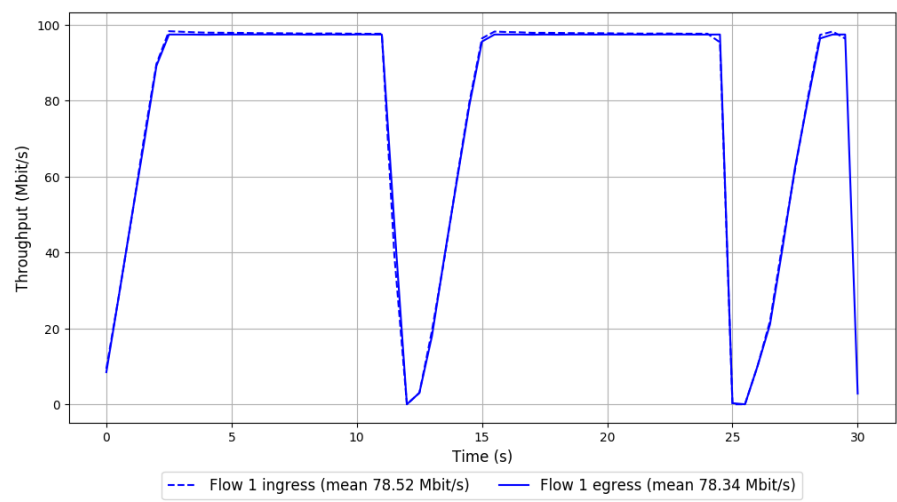
-- Flow 1:

Average throughput: 78.34 Mbit/s

95th percentile per-packet one-way delay: 49.867 ms

Loss rate: 0.20%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-03-06 03:20:57

End at: 2018-03-06 03:21:27

Local clock offset: 3.841 ms

Remote clock offset: 1.678 ms

Below is generated by plot.py at 2018-03-06 06:08:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.39 Mbit/s

95th percentile per-packet one-way delay: 46.633 ms

Loss rate: 0.16%

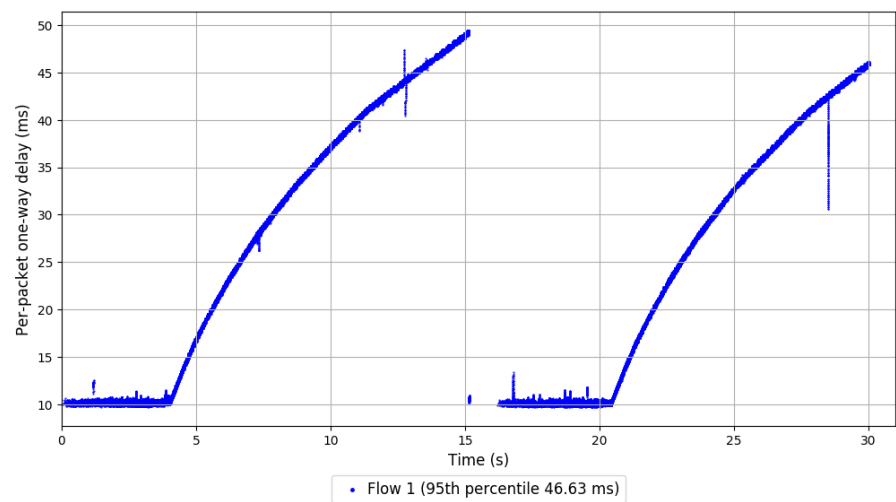
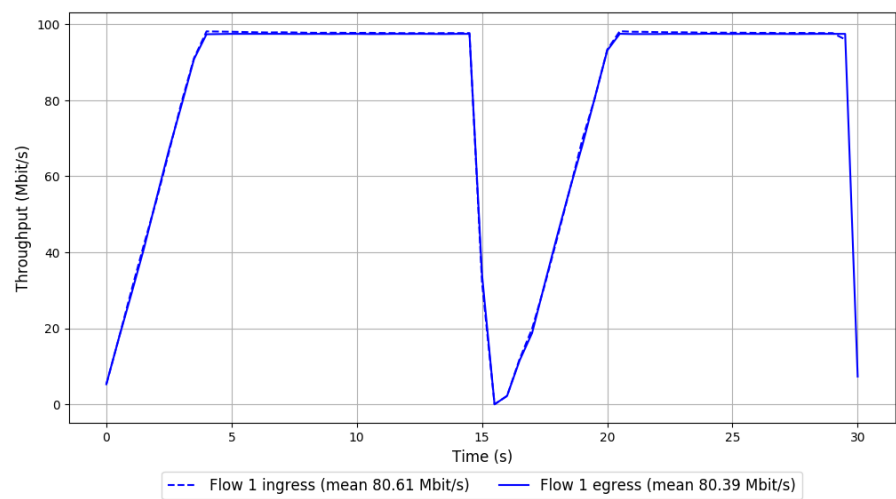
-- Flow 1:

Average throughput: 80.39 Mbit/s

95th percentile per-packet one-way delay: 46.633 ms

Loss rate: 0.16%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-03-06 03:42:12

End at: 2018-03-06 03:42:42

Local clock offset: 1.865 ms

Remote clock offset: 6.302 ms

Below is generated by plot.py at 2018-03-06 06:09:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.63 Mbit/s

95th percentile per-packet one-way delay: 52.955 ms

Loss rate: 0.32%

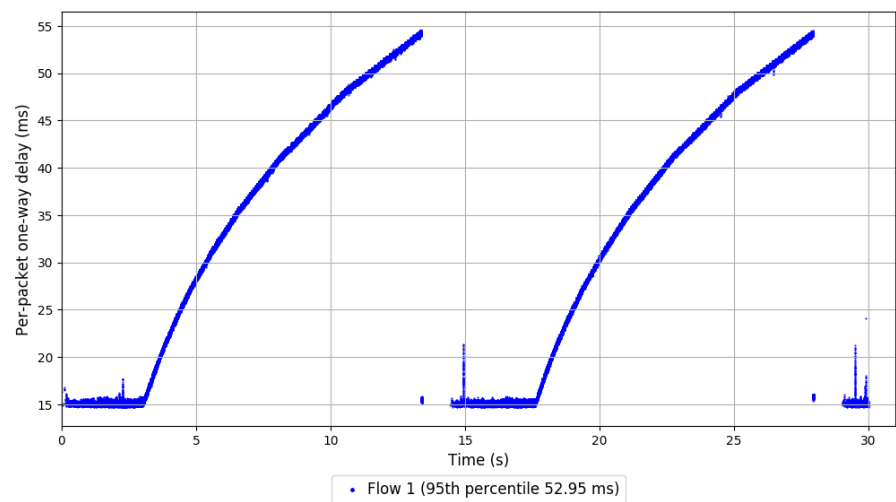
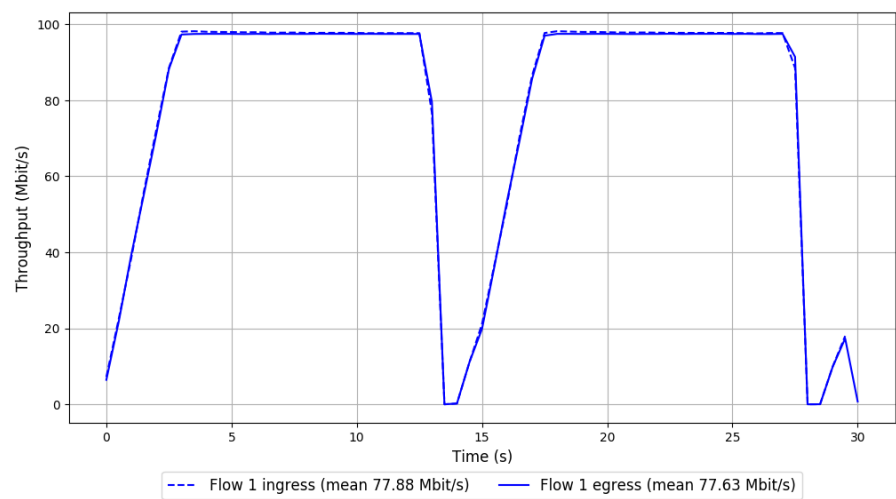
-- Flow 1:

Average throughput: 77.63 Mbit/s

95th percentile per-packet one-way delay: 52.955 ms

Loss rate: 0.32%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-03-06 04:03:37

End at: 2018-03-06 04:04:07

Local clock offset: 1.204 ms

Remote clock offset: 1.564 ms

Below is generated by plot.py at 2018-03-06 06:09:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.39 Mbit/s

95th percentile per-packet one-way delay: 49.656 ms

Loss rate: 0.20%

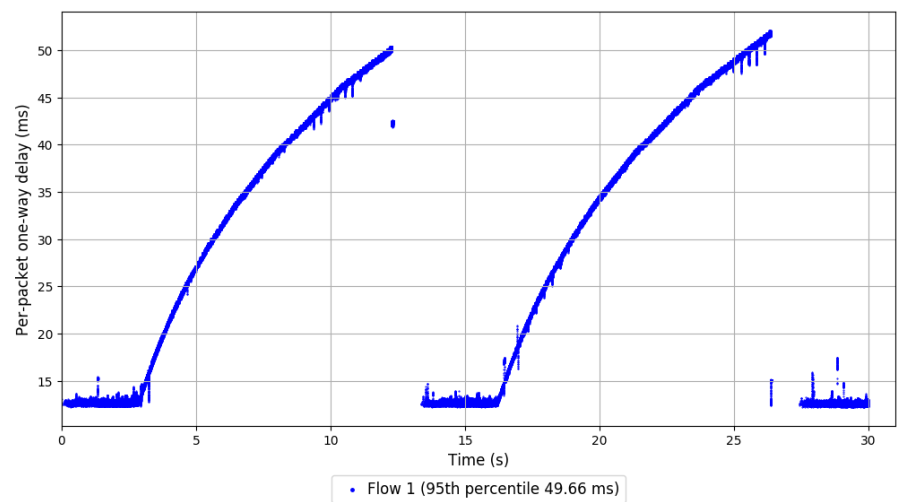
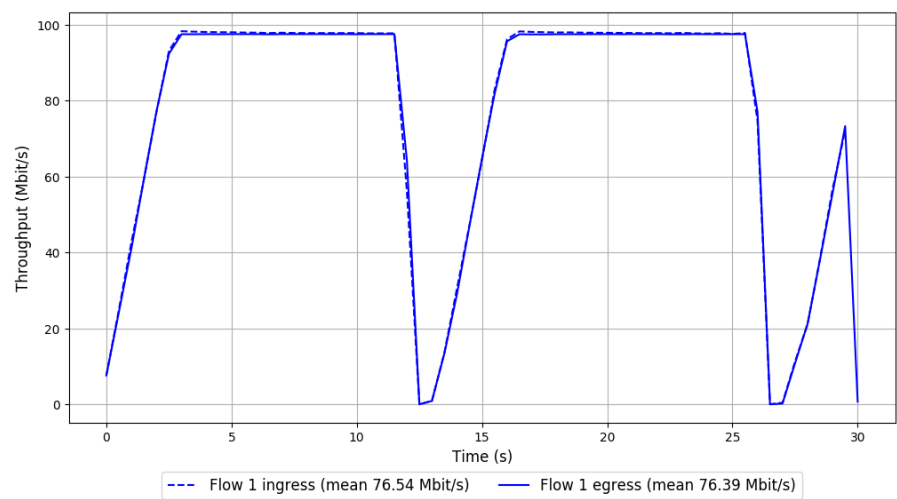
-- Flow 1:

Average throughput: 76.39 Mbit/s

95th percentile per-packet one-way delay: 49.656 ms

Loss rate: 0.20%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-03-06 04:25:04

End at: 2018-03-06 04:25:34

Local clock offset: 2.497 ms

Remote clock offset: 0.316 ms

Below is generated by plot.py at 2018-03-06 06:09:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.92 Mbit/s

95th percentile per-packet one-way delay: 47.122 ms

Loss rate: 0.20%

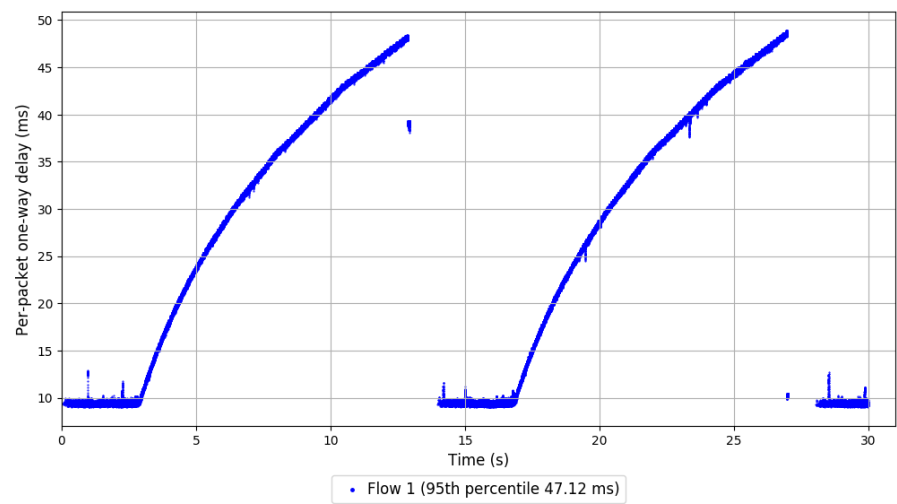
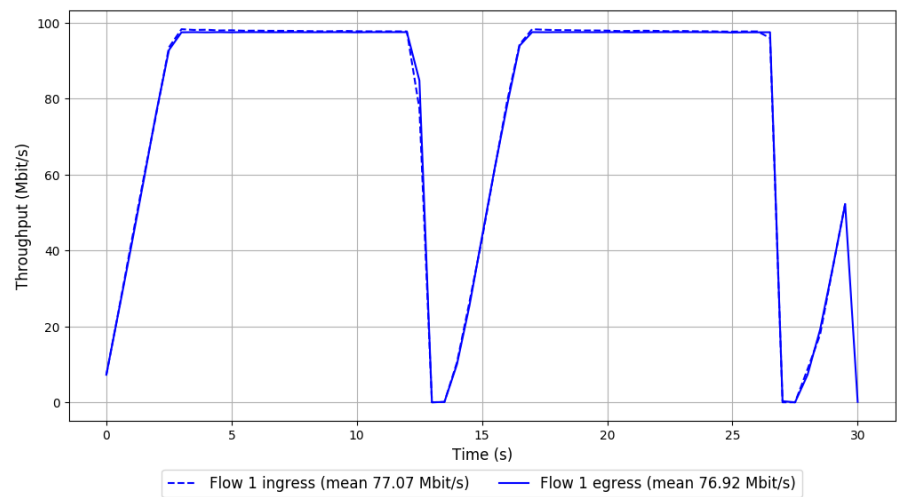
-- Flow 1:

Average throughput: 76.92 Mbit/s

95th percentile per-packet one-way delay: 47.122 ms

Loss rate: 0.20%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-03-06 04:47:05

End at: 2018-03-06 04:47:35

Local clock offset: 4.627 ms

Remote clock offset: 1.9 ms

Below is generated by plot.py at 2018-03-06 06:09:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.94 Mbit/s

95th percentile per-packet one-way delay: 46.967 ms

Loss rate: 0.04%

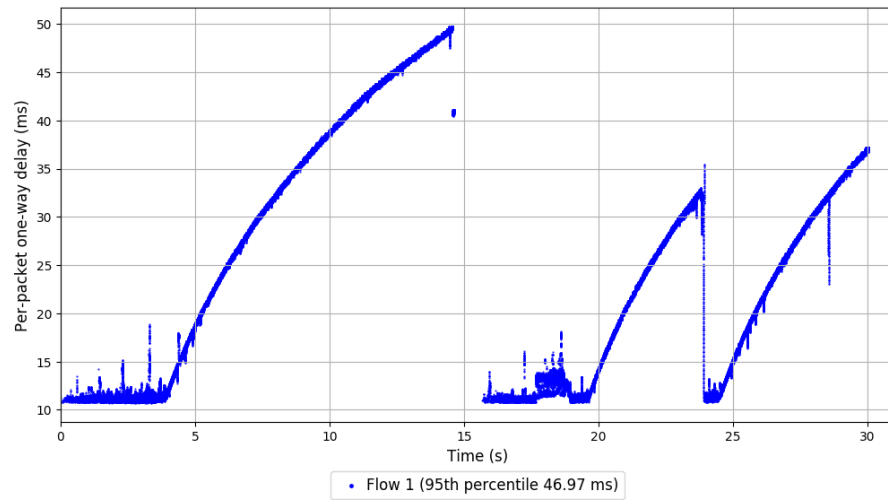
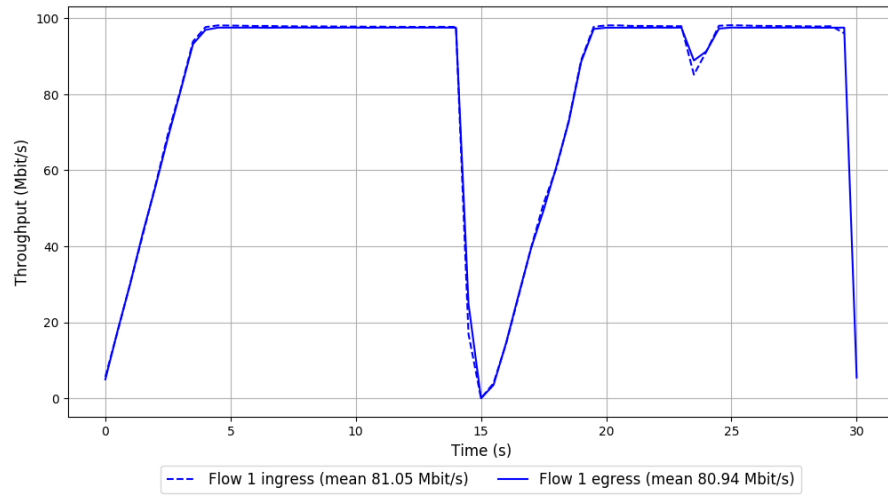
-- Flow 1:

Average throughput: 80.94 Mbit/s

95th percentile per-packet one-way delay: 46.967 ms

Loss rate: 0.04%

Run 8: Report of LEDBAT — Data Link



Run 9: Statistics of LEDBAT

Start at: 2018-03-06 05:09:16

End at: 2018-03-06 05:09:46

Local clock offset: 5.585 ms

Remote clock offset: 0.298 ms

Below is generated by plot.py at 2018-03-06 06:09:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.92 Mbit/s

95th percentile per-packet one-way delay: 45.849 ms

Loss rate: 0.07%

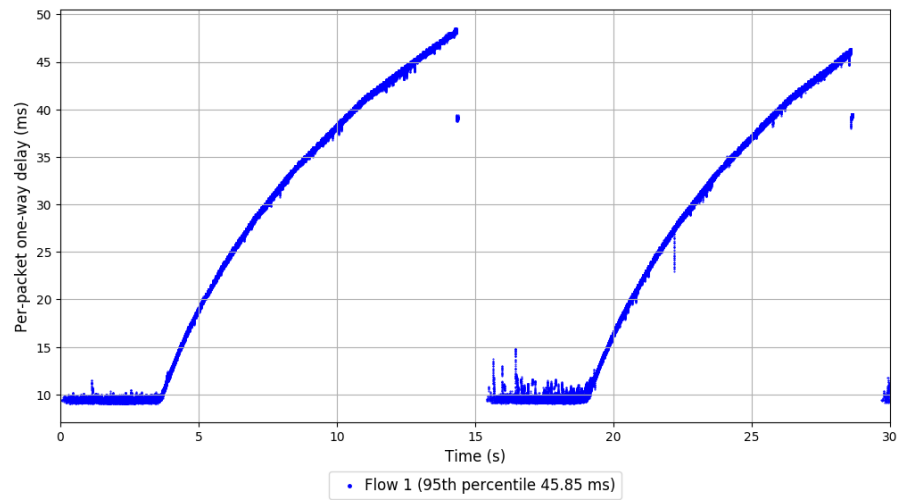
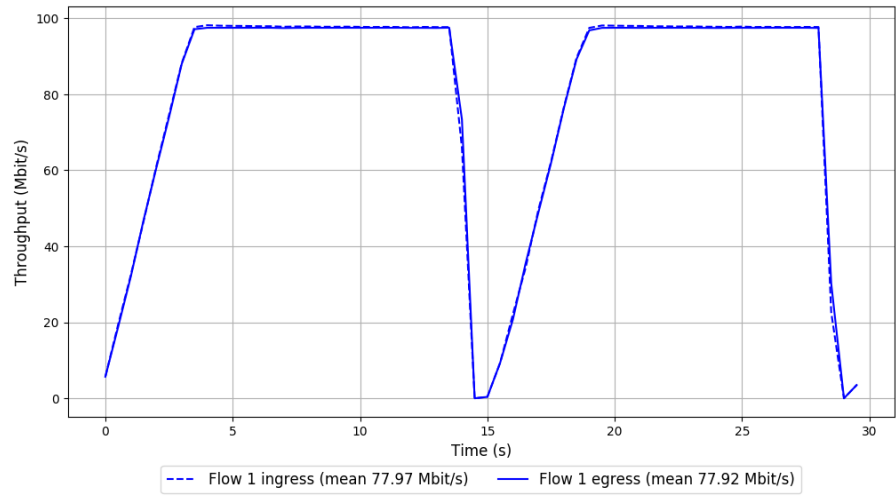
-- Flow 1:

Average throughput: 77.92 Mbit/s

95th percentile per-packet one-way delay: 45.849 ms

Loss rate: 0.07%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-03-06 05:30:58

End at: 2018-03-06 05:31:28

Local clock offset: 2.807 ms

Remote clock offset: -0.61 ms

Below is generated by plot.py at 2018-03-06 06:09:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.98 Mbit/s

95th percentile per-packet one-way delay: 48.714 ms

Loss rate: 0.19%

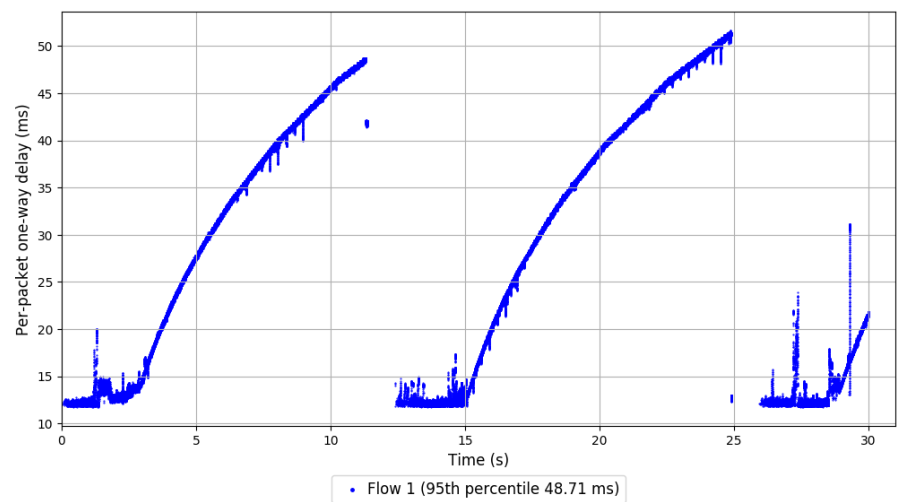
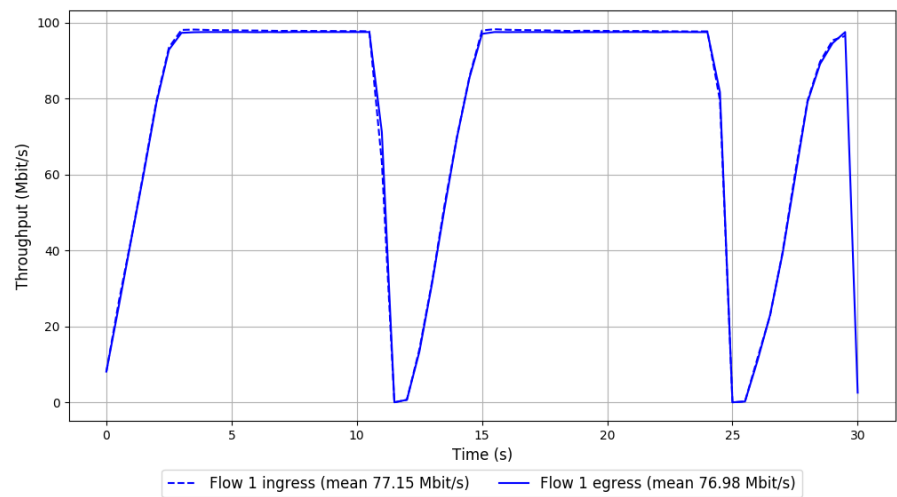
-- Flow 1:

Average throughput: 76.98 Mbit/s

95th percentile per-packet one-way delay: 48.714 ms

Loss rate: 0.19%

Run 10: Report of LEDBAT — Data Link

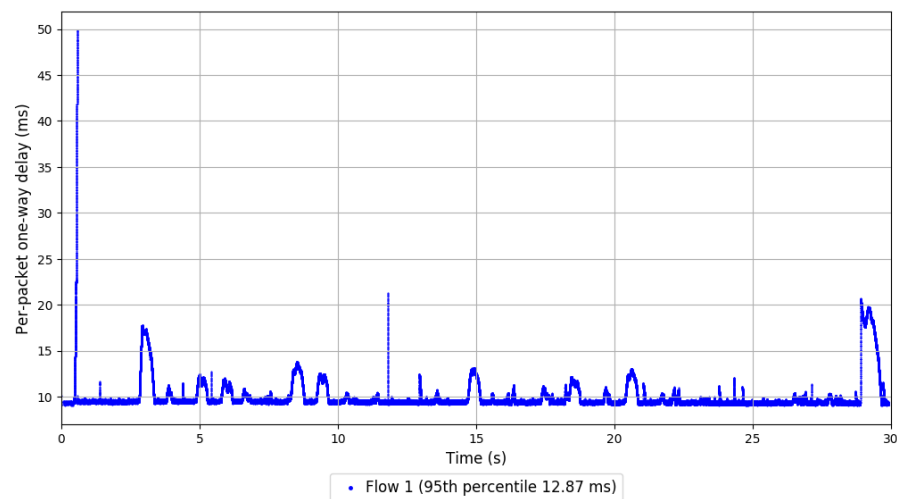
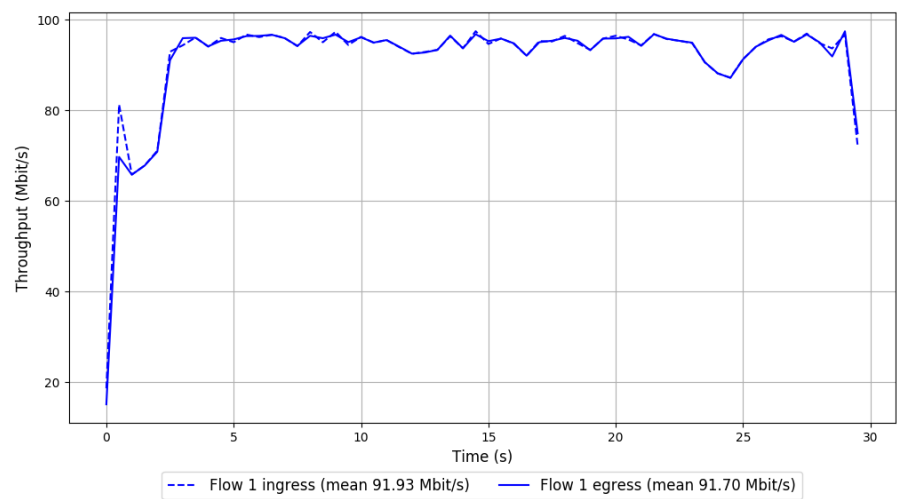


```
Run 1: Statistics of PCC

Start at: 2018-03-06 02:06:09
End at: 2018-03-06 02:06:39
Local clock offset: 3.073 ms
Remote clock offset: -2.306 ms

# Below is generated by plot.py at 2018-03-06 06:09:26
# Datalink statistics
-- Total of 1 flow:
Average throughput: 91.70 Mbit/s
95th percentile per-packet one-way delay: 12.870 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 91.70 Mbit/s
95th percentile per-packet one-way delay: 12.870 ms
Loss rate: 0.25%
```

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2018-03-06 02:27:05

End at: 2018-03-06 02:27:35

Local clock offset: 1.274 ms

Remote clock offset: 0.912 ms

Below is generated by plot.py at 2018-03-06 06:09:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.62 Mbit/s

95th percentile per-packet one-way delay: 14.098 ms

Loss rate: 0.26%

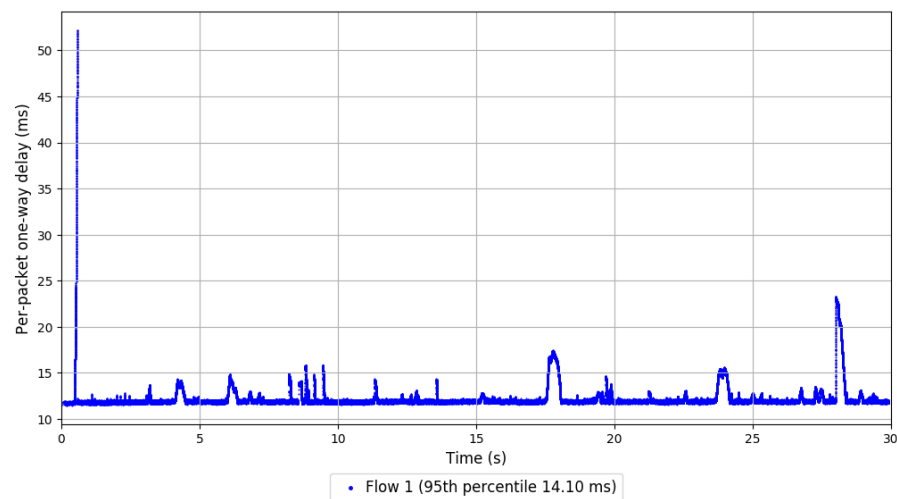
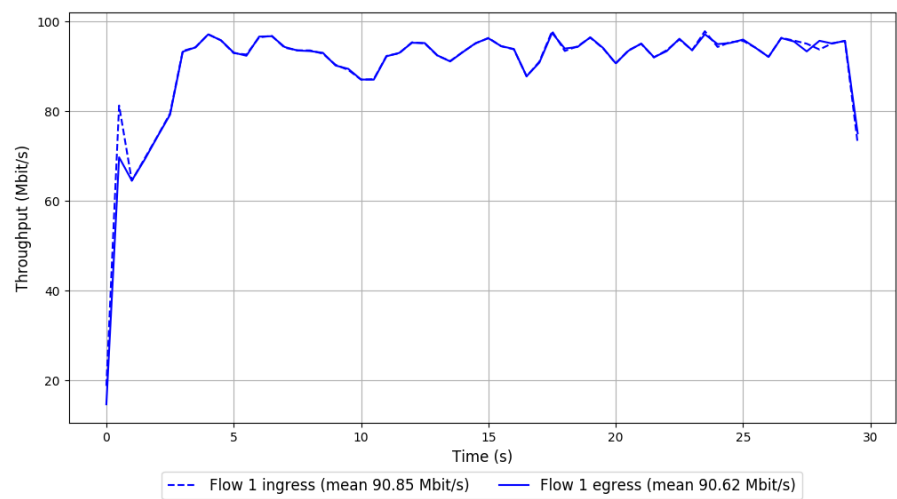
-- Flow 1:

Average throughput: 90.62 Mbit/s

95th percentile per-packet one-way delay: 14.098 ms

Loss rate: 0.26%

Run 2: Report of PCC — Data Link

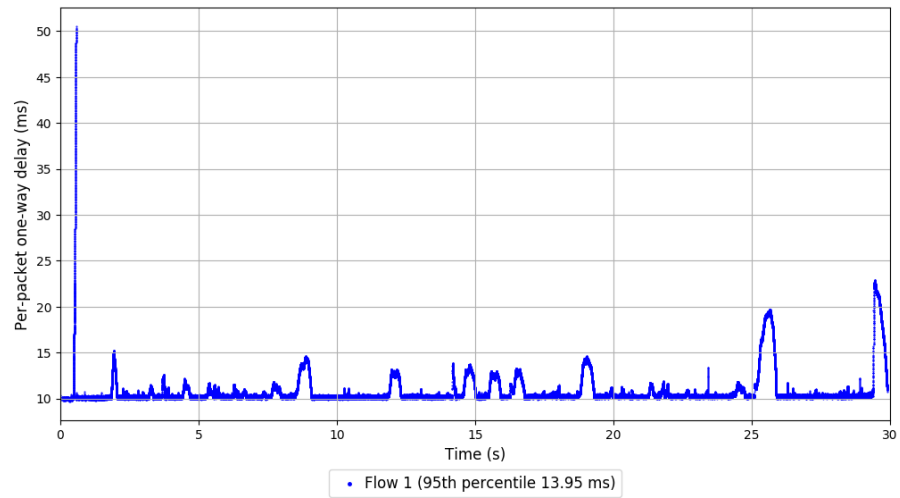
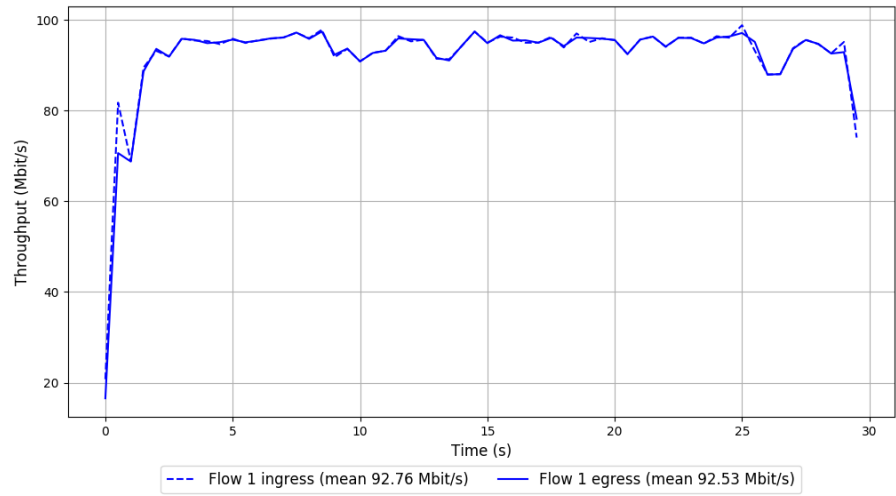


Run 3: Statistics of PCC

Start at: 2018-03-06 02:48:19
End at: 2018-03-06 02:48:49
Local clock offset: 4.816 ms
Remote clock offset: -0.591 ms

Below is generated by plot.py at 2018-03-06 06:10:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.53 Mbit/s
95th percentile per-packet one-way delay: 13.953 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 92.53 Mbit/s
95th percentile per-packet one-way delay: 13.953 ms
Loss rate: 0.25%

Run 3: Report of PCC — Data Link

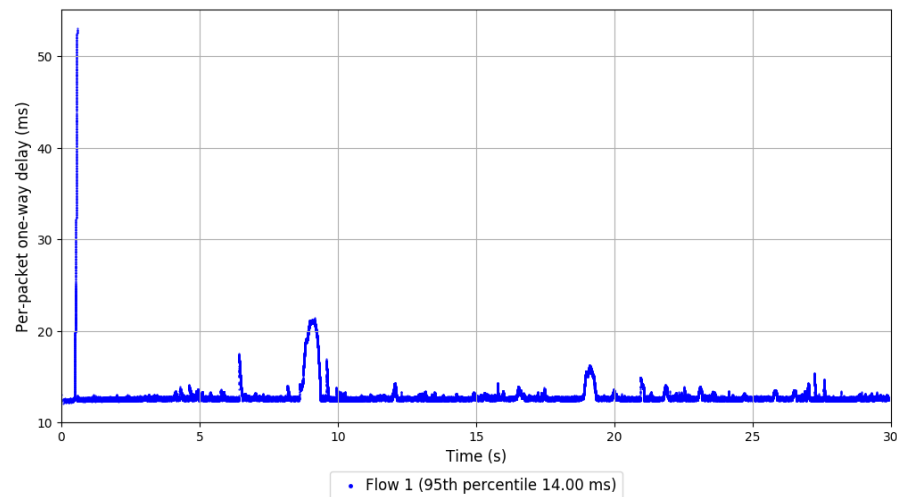
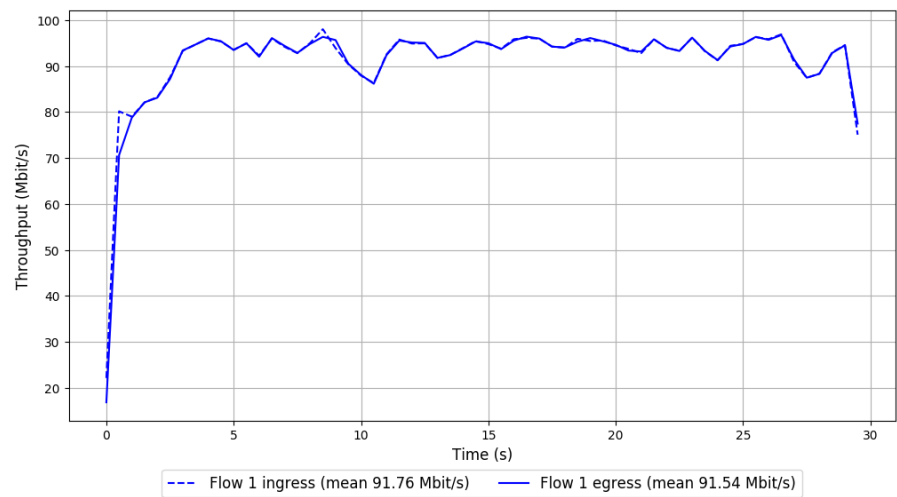


Run 4: Statistics of PCC

Start at: 2018-03-06 03:09:14
End at: 2018-03-06 03:09:44
Local clock offset: 1.304 ms
Remote clock offset: -2.754 ms

Below is generated by plot.py at 2018-03-06 06:10:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 91.54 Mbit/s
95th percentile per-packet one-way delay: 13.999 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 91.54 Mbit/s
95th percentile per-packet one-way delay: 13.999 ms
Loss rate: 0.24%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2018-03-06 03:30:22

End at: 2018-03-06 03:30:52

Local clock offset: 4.097 ms

Remote clock offset: 2.928 ms

Below is generated by plot.py at 2018-03-06 06:10:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.37 Mbit/s

95th percentile per-packet one-way delay: 13.798 ms

Loss rate: 0.34%

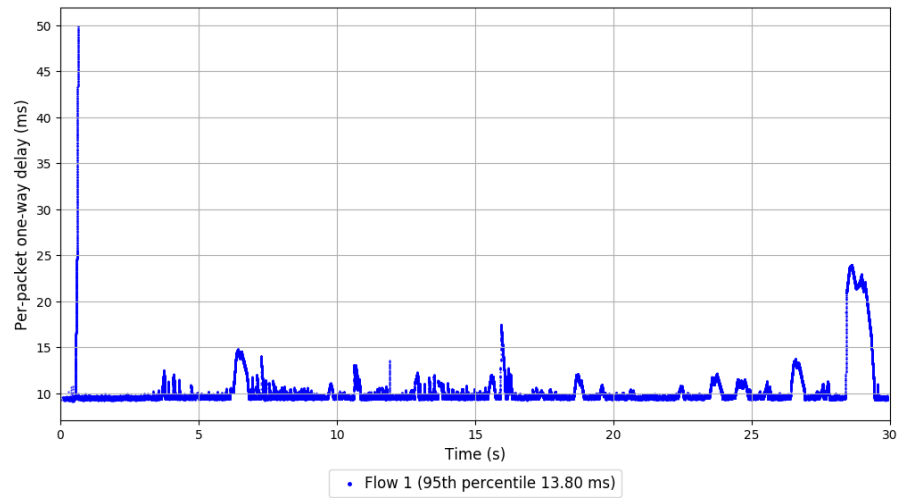
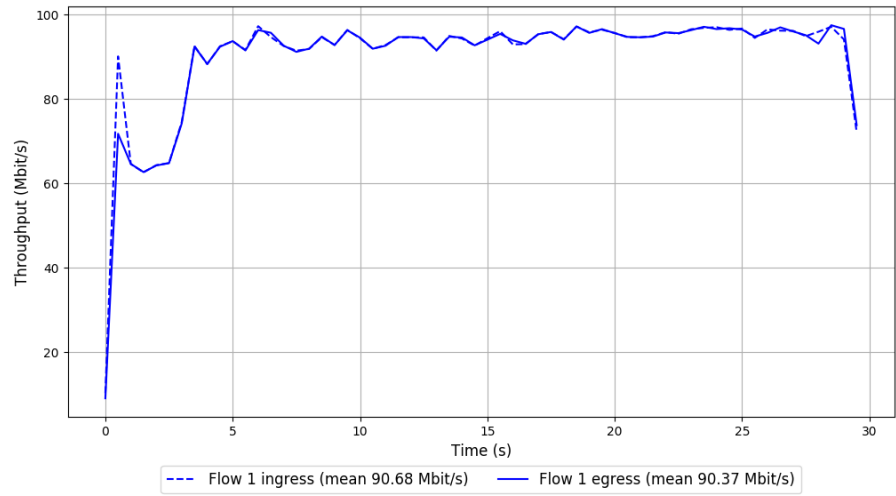
-- Flow 1:

Average throughput: 90.37 Mbit/s

95th percentile per-packet one-way delay: 13.798 ms

Loss rate: 0.34%

Run 5: Report of PCC — Data Link



Run 6: Statistics of PCC

Start at: 2018-03-06 03:51:41

End at: 2018-03-06 03:52:11

Local clock offset: 5.506 ms

Remote clock offset: 2.373 ms

Below is generated by plot.py at 2018-03-06 06:10:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.75 Mbit/s

95th percentile per-packet one-way delay: 13.273 ms

Loss rate: 0.30%

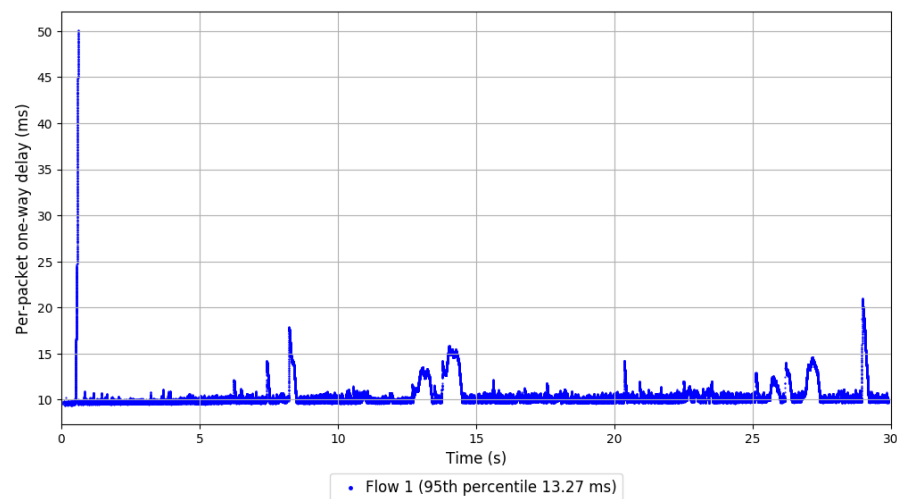
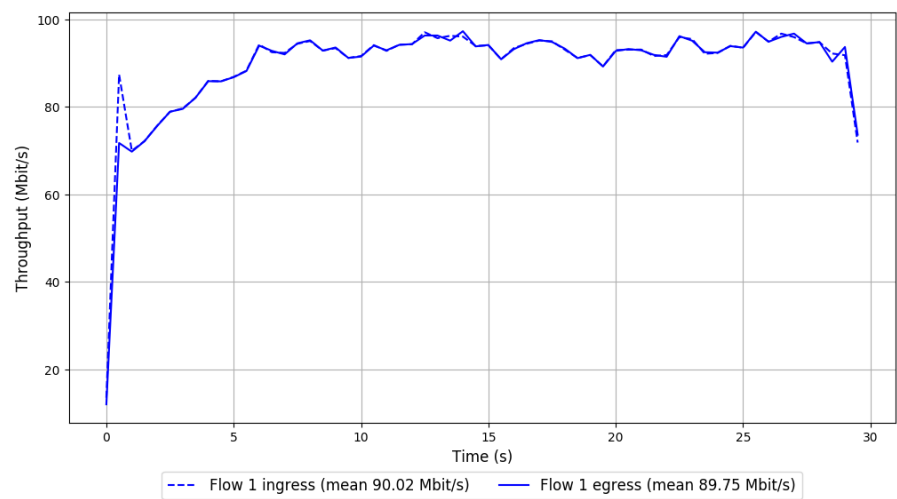
-- Flow 1:

Average throughput: 89.75 Mbit/s

95th percentile per-packet one-way delay: 13.273 ms

Loss rate: 0.30%

Run 6: Report of PCC — Data Link



Run 7: Statistics of PCC

Start at: 2018-03-06 04:13:07

End at: 2018-03-06 04:13:37

Local clock offset: 0.062 ms

Remote clock offset: 0.2 ms

Below is generated by plot.py at 2018-03-06 06:10:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.25 Mbit/s

95th percentile per-packet one-way delay: 15.793 ms

Loss rate: 0.27%

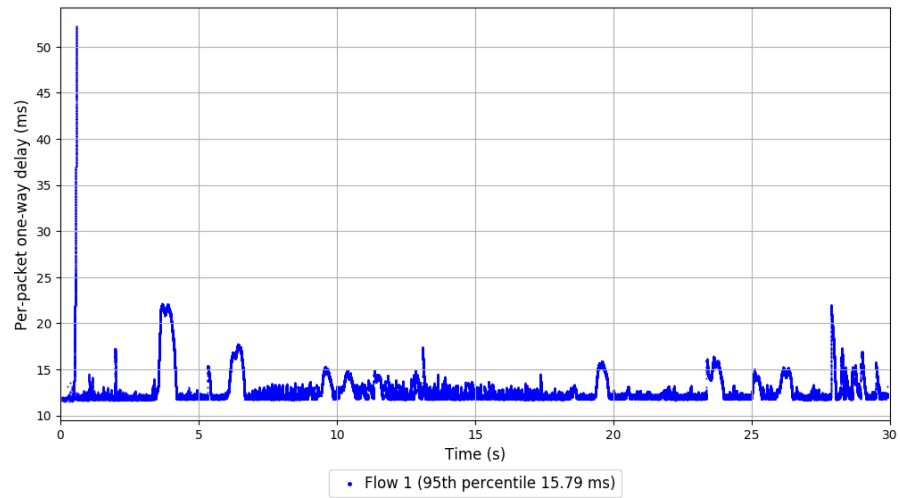
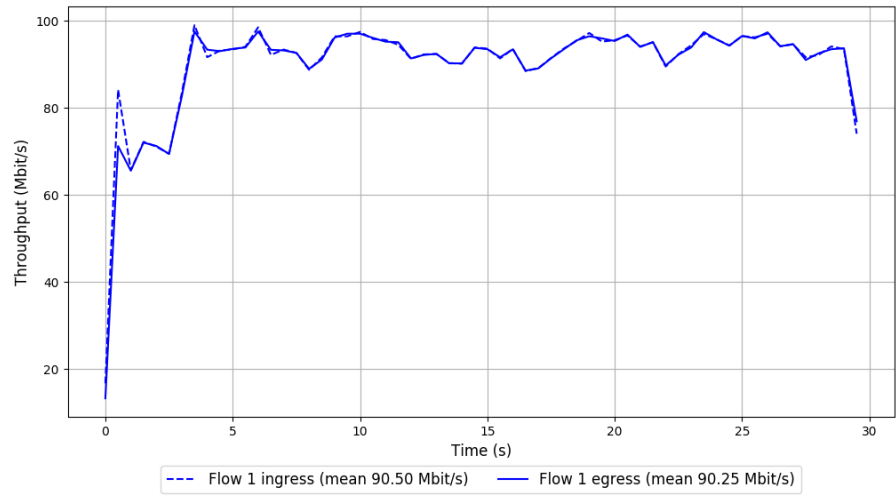
-- Flow 1:

Average throughput: 90.25 Mbit/s

95th percentile per-packet one-way delay: 15.793 ms

Loss rate: 0.27%

Run 7: Report of PCC — Data Link



Run 8: Statistics of PCC

Start at: 2018-03-06 04:34:58

End at: 2018-03-06 04:35:28

Local clock offset: 2.221 ms

Remote clock offset: 1.198 ms

Below is generated by plot.py at 2018-03-06 06:10:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.76 Mbit/s

95th percentile per-packet one-way delay: 15.188 ms

Loss rate: 0.31%

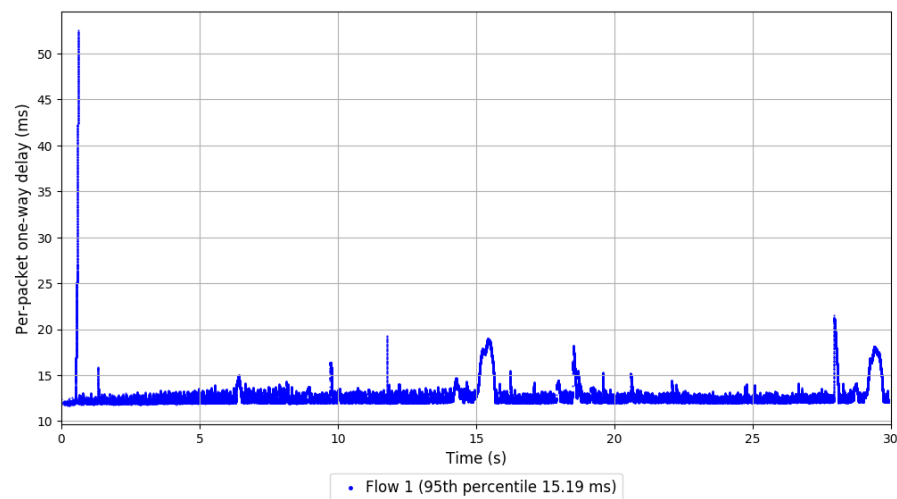
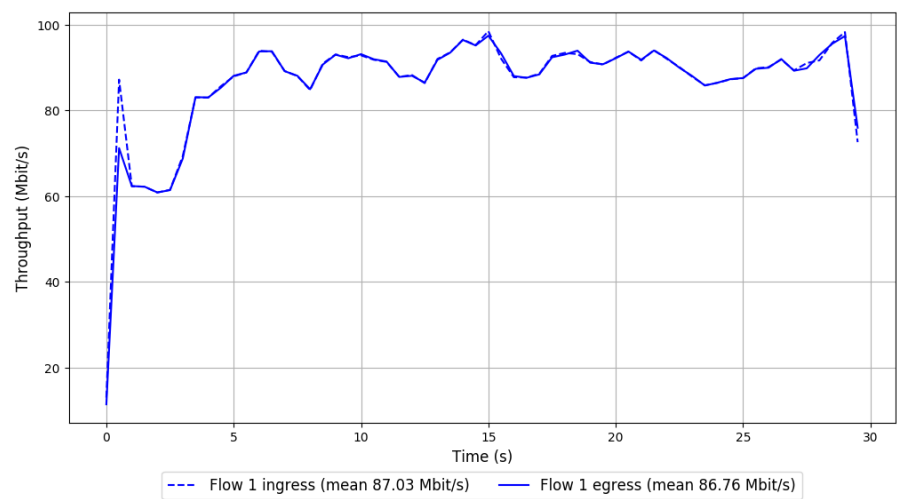
-- Flow 1:

Average throughput: 86.76 Mbit/s

95th percentile per-packet one-way delay: 15.188 ms

Loss rate: 0.31%

Run 8: Report of PCC — Data Link



Run 9: Statistics of PCC

Start at: 2018-03-06 04:57:03

End at: 2018-03-06 04:57:33

Local clock offset: 5.063 ms

Remote clock offset: 1.186 ms

Below is generated by plot.py at 2018-03-06 06:10:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.74 Mbit/s

95th percentile per-packet one-way delay: 11.221 ms

Loss rate: 0.33%

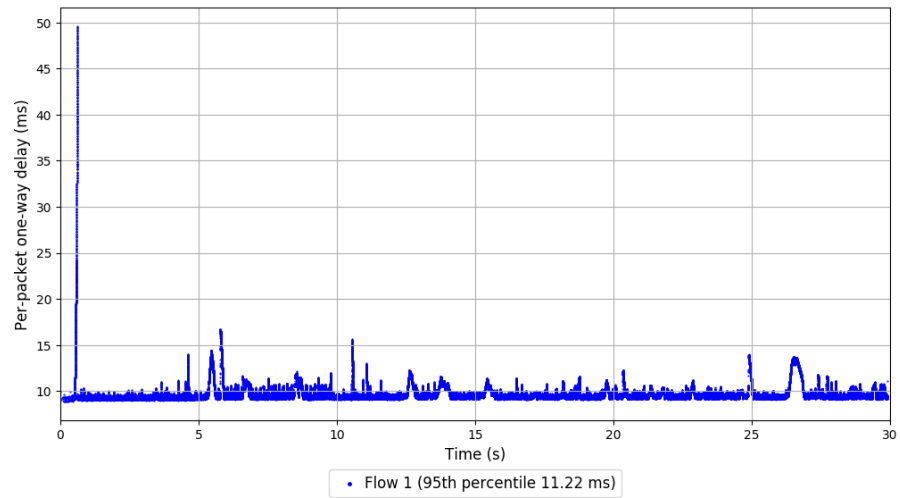
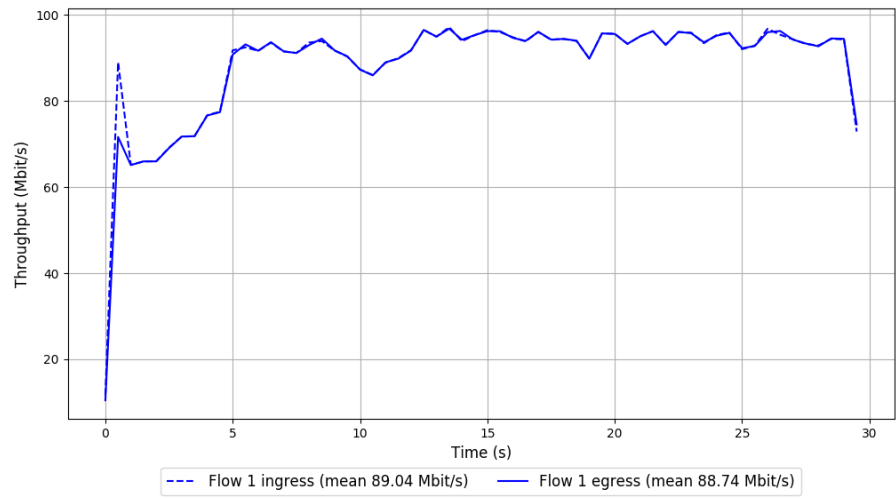
-- Flow 1:

Average throughput: 88.74 Mbit/s

95th percentile per-packet one-way delay: 11.221 ms

Loss rate: 0.33%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2018-03-06 05:19:05

End at: 2018-03-06 05:19:35

Local clock offset: 3.056 ms

Remote clock offset: 0.286 ms

Below is generated by plot.py at 2018-03-06 06:10:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.19 Mbit/s

95th percentile per-packet one-way delay: 15.382 ms

Loss rate: 0.00%

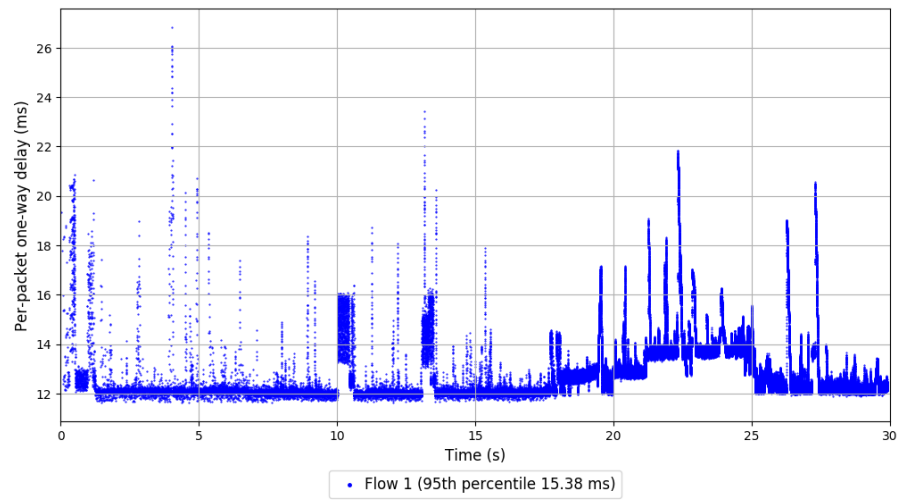
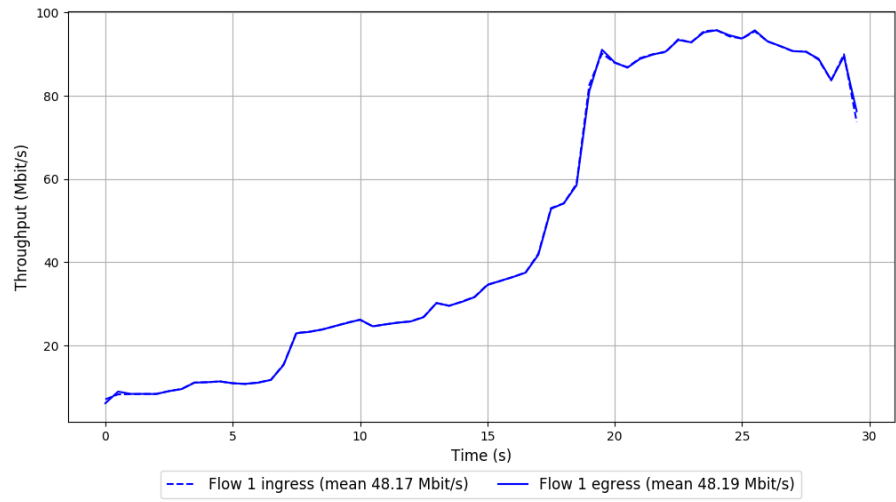
-- Flow 1:

Average throughput: 48.19 Mbit/s

95th percentile per-packet one-way delay: 15.382 ms

Loss rate: 0.00%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-03-06 02:07:17

End at: 2018-03-06 02:07:47

Local clock offset: 2.884 ms

Remote clock offset: -3.141 ms

Below is generated by plot.py at 2018-03-06 06:11:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.61 Mbit/s

95th percentile per-packet one-way delay: 45.501 ms

Loss rate: 0.55%

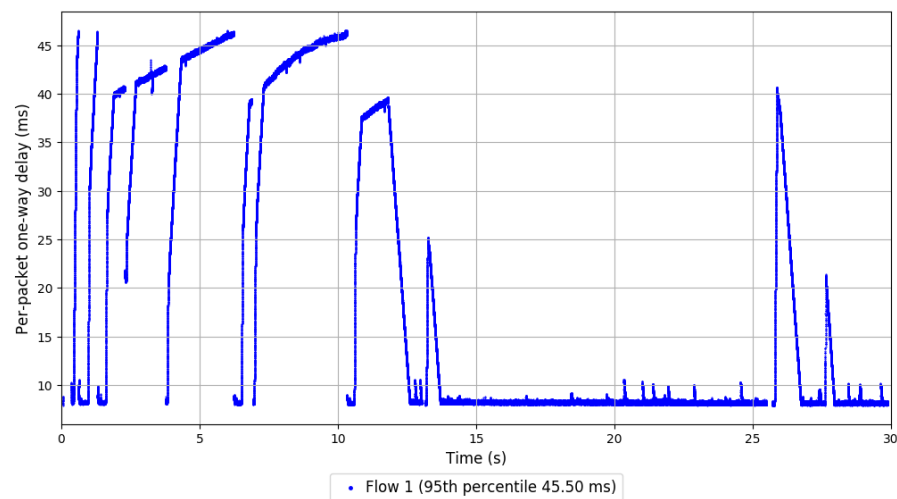
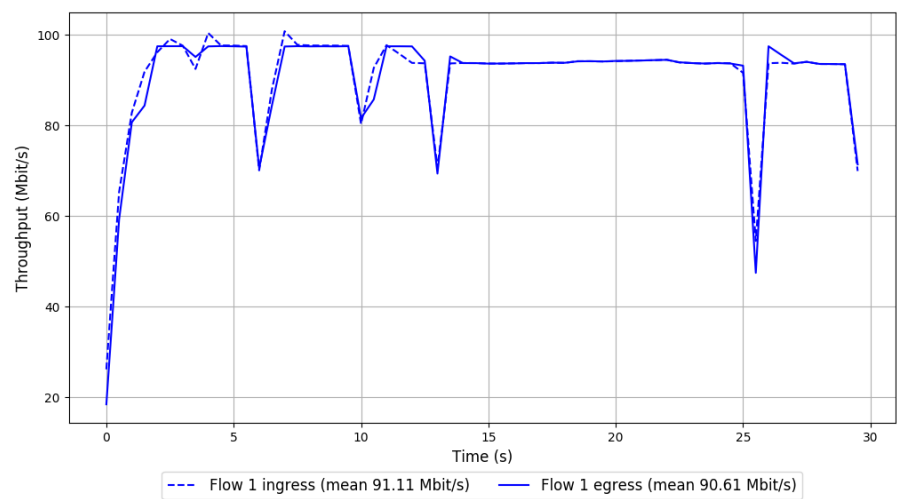
-- Flow 1:

Average throughput: 90.61 Mbit/s

95th percentile per-packet one-way delay: 45.501 ms

Loss rate: 0.55%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-03-06 02:28:14

End at: 2018-03-06 02:28:44

Local clock offset: 2.068 ms

Remote clock offset: 1.524 ms

Below is generated by plot.py at 2018-03-06 06:11:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.96 Mbit/s

95th percentile per-packet one-way delay: 49.178 ms

Loss rate: 0.77%

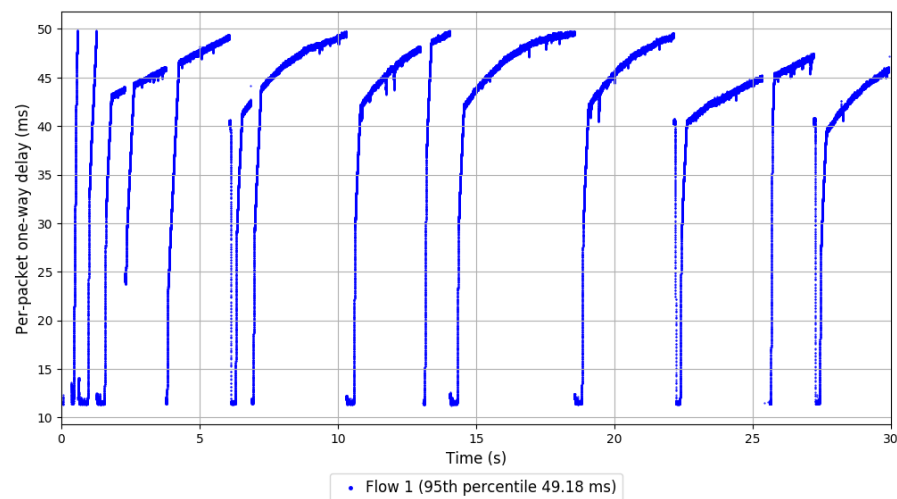
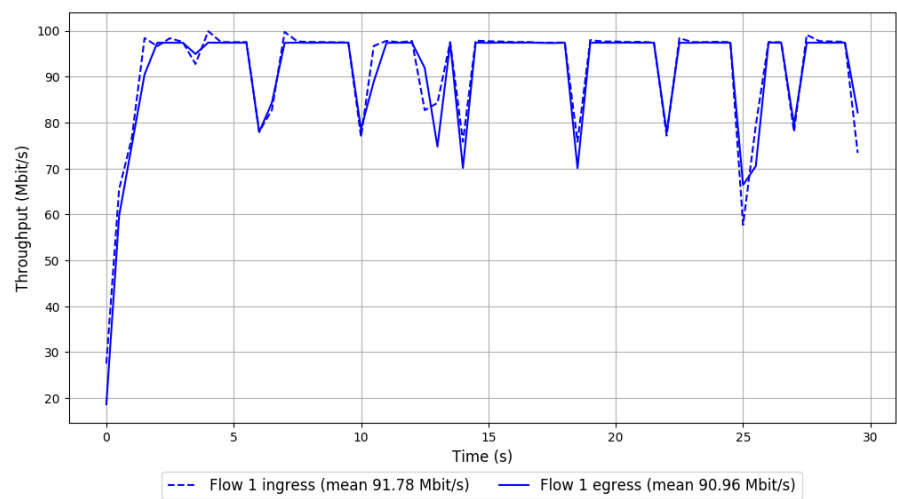
-- Flow 1:

Average throughput: 90.96 Mbit/s

95th percentile per-packet one-way delay: 49.178 ms

Loss rate: 0.77%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-03-06 02:49:27

End at: 2018-03-06 02:49:57

Local clock offset: 2.849 ms

Remote clock offset: -0.054 ms

Below is generated by plot.py at 2018-03-06 06:11:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.44 Mbit/s

95th percentile per-packet one-way delay: 13.143 ms

Loss rate: 0.00%

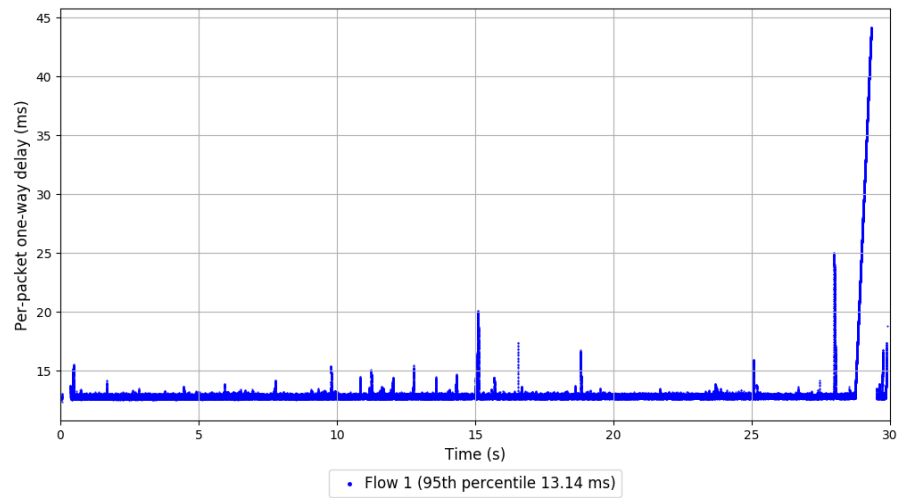
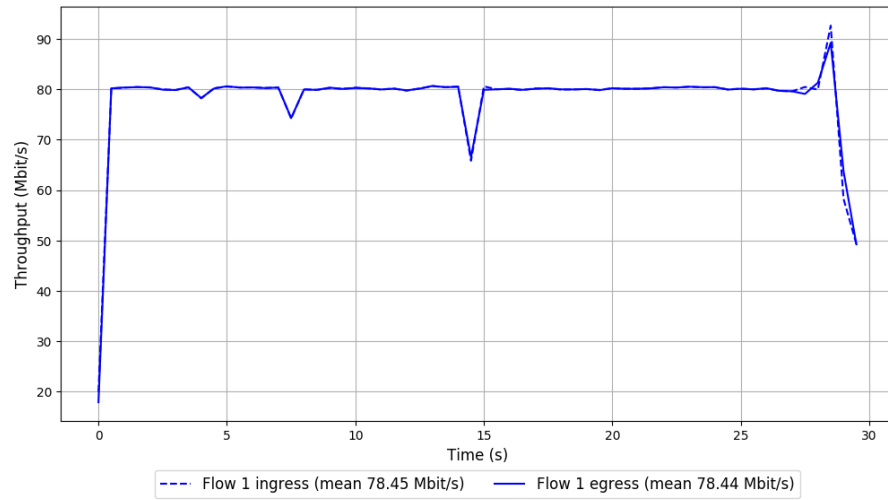
-- Flow 1:

Average throughput: 78.44 Mbit/s

95th percentile per-packet one-way delay: 13.143 ms

Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-03-06 03:10:22

End at: 2018-03-06 03:10:52

Local clock offset: 4.801 ms

Remote clock offset: -3.402 ms

Below is generated by plot.py at 2018-03-06 06:11:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.86 Mbit/s

95th percentile per-packet one-way delay: 44.393 ms

Loss rate: 0.42%

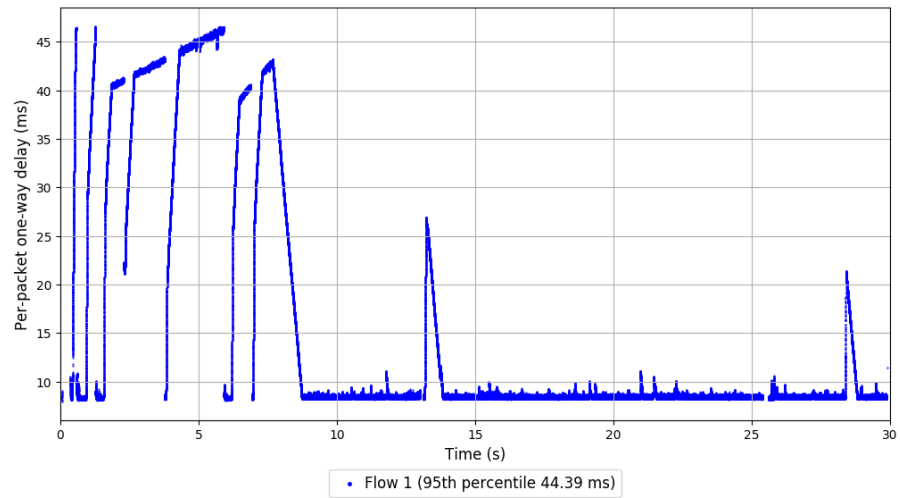
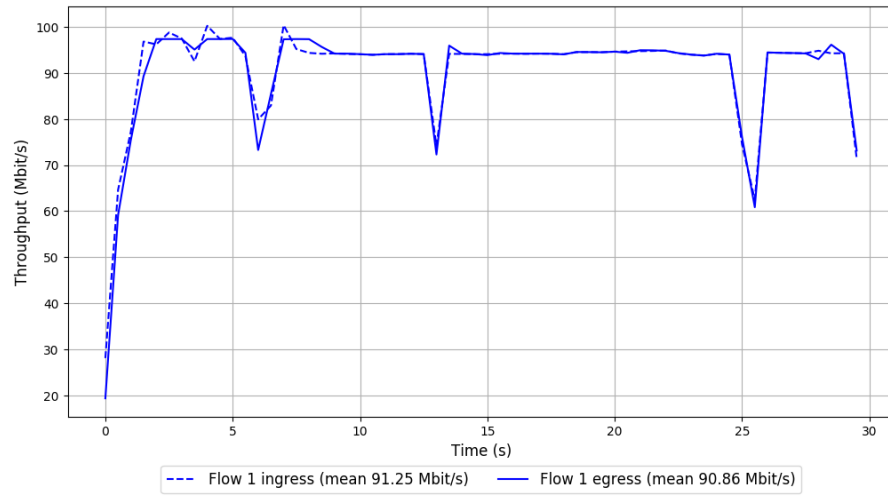
-- Flow 1:

Average throughput: 90.86 Mbit/s

95th percentile per-packet one-way delay: 44.393 ms

Loss rate: 0.42%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-03-06 03:31:30

End at: 2018-03-06 03:32:00

Local clock offset: 4.62 ms

Remote clock offset: 3.367 ms

Below is generated by plot.py at 2018-03-06 06:12:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.05 Mbit/s

95th percentile per-packet one-way delay: 47.468 ms

Loss rate: 0.59%

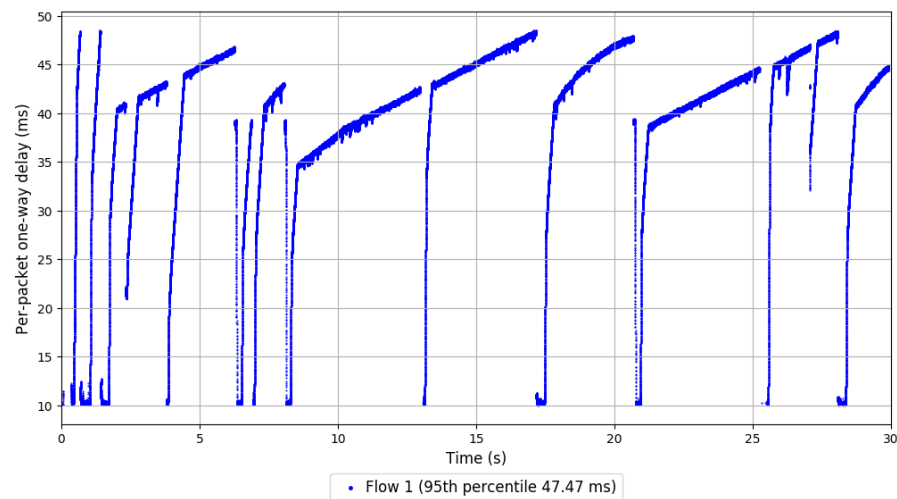
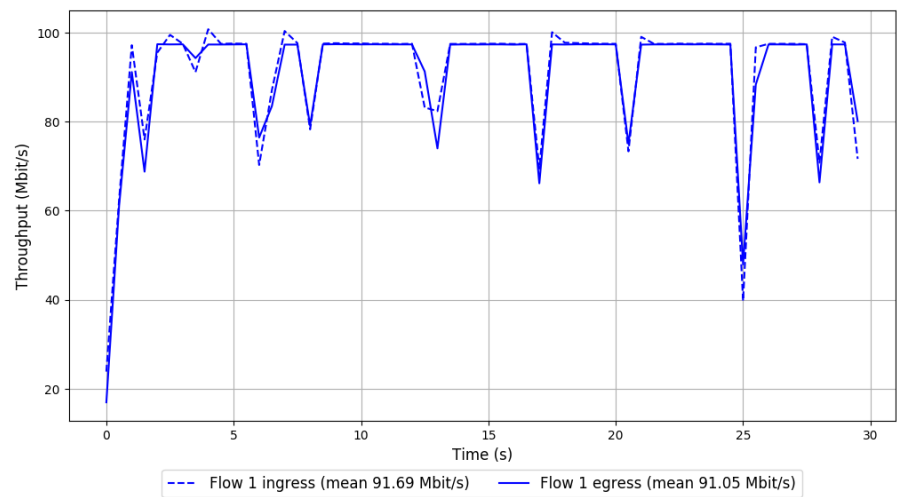
-- Flow 1:

Average throughput: 91.05 Mbit/s

95th percentile per-packet one-way delay: 47.468 ms

Loss rate: 0.59%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-03-06 03:52:51

End at: 2018-03-06 03:53:21

Local clock offset: 4.054 ms

Remote clock offset: 1.676 ms

Below is generated by plot.py at 2018-03-06 06:12:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.16 Mbit/s

95th percentile per-packet one-way delay: 48.129 ms

Loss rate: 0.64%

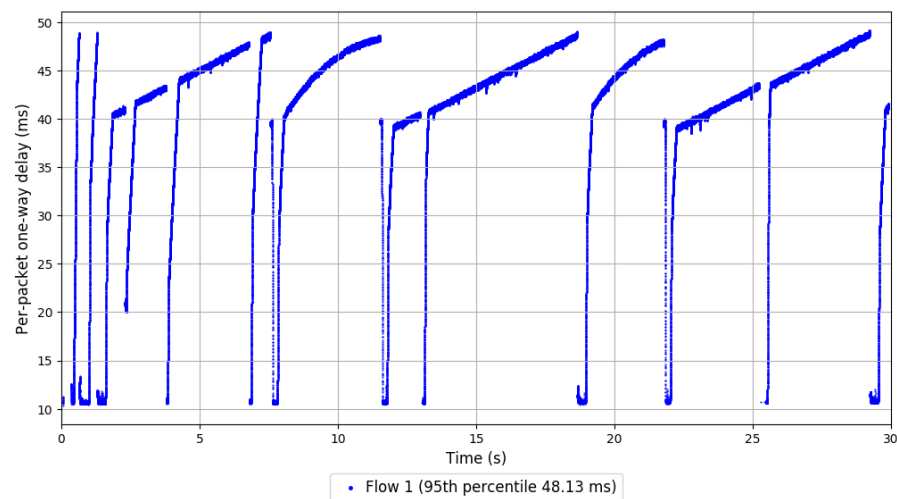
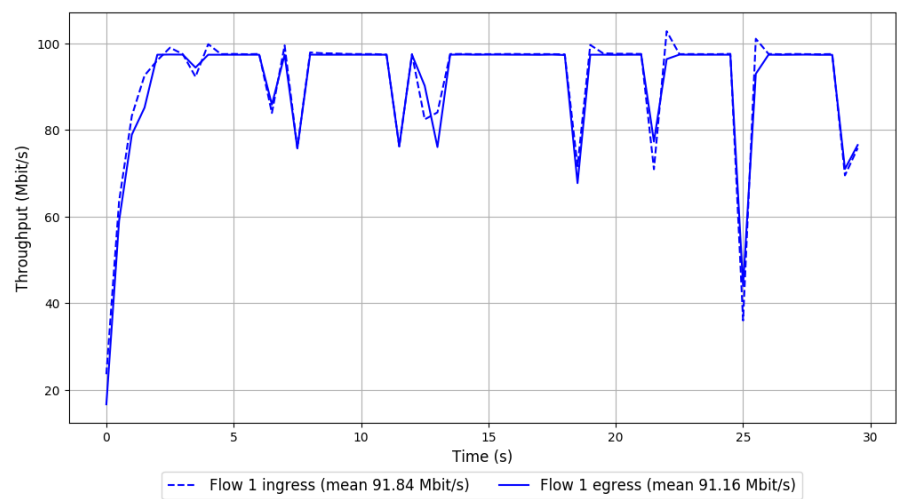
-- Flow 1:

Average throughput: 91.16 Mbit/s

95th percentile per-packet one-way delay: 48.129 ms

Loss rate: 0.64%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-03-06 04:14:16

End at: 2018-03-06 04:14:46

Local clock offset: 1.715 ms

Remote clock offset: 1.176 ms

Below is generated by plot.py at 2018-03-06 06:12:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.40 Mbit/s

95th percentile per-packet one-way delay: 16.944 ms

Loss rate: 0.00%

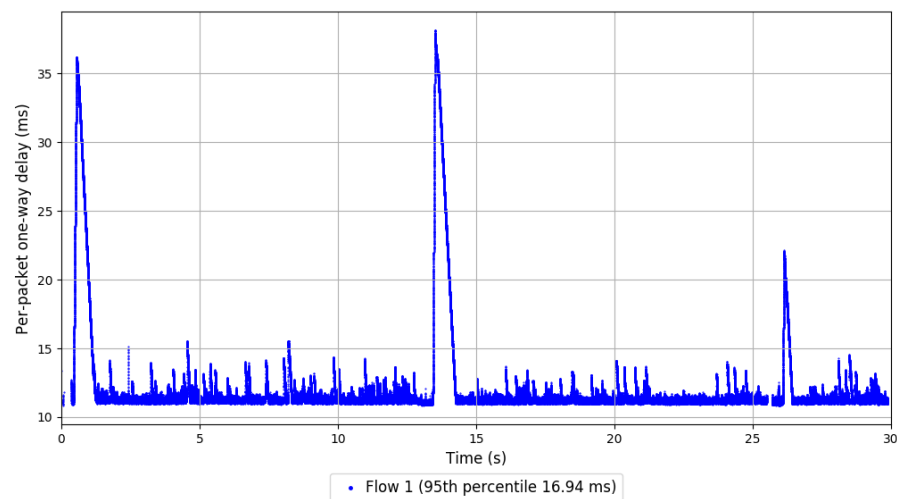
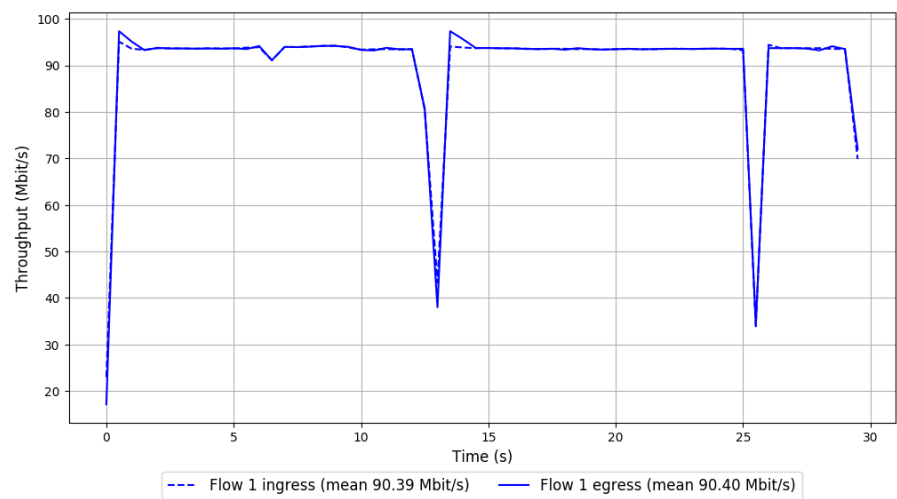
-- Flow 1:

Average throughput: 90.40 Mbit/s

95th percentile per-packet one-way delay: 16.944 ms

Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-03-06 04:36:11

End at: 2018-03-06 04:36:41

Local clock offset: 2.315 ms

Remote clock offset: 1.777 ms

Below is generated by plot.py at 2018-03-06 06:12:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.29 Mbit/s

95th percentile per-packet one-way delay: 50.298 ms

Loss rate: 0.54%

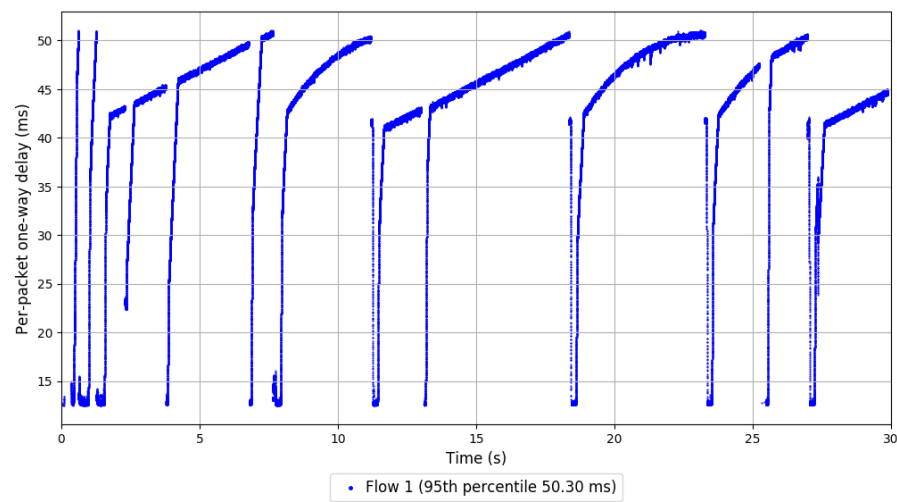
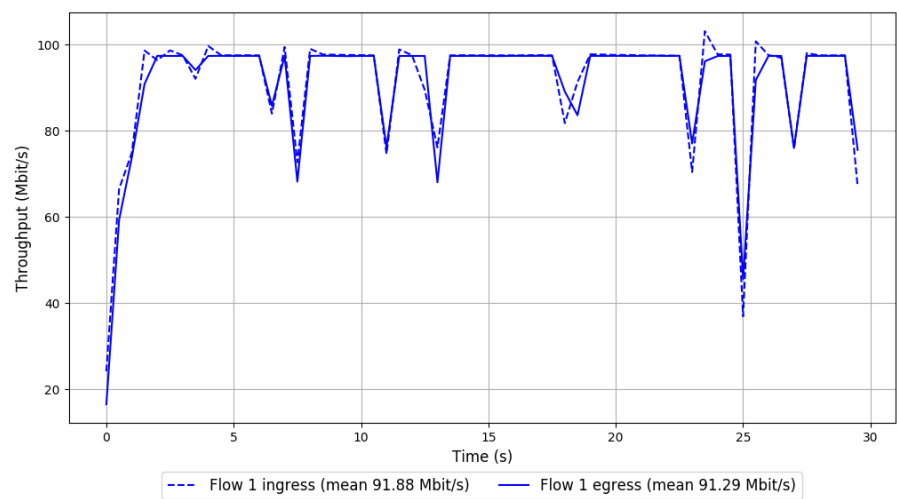
-- Flow 1:

Average throughput: 91.29 Mbit/s

95th percentile per-packet one-way delay: 50.298 ms

Loss rate: 0.54%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-03-06 04:58:13

End at: 2018-03-06 04:58:43

Local clock offset: 4.294 ms

Remote clock offset: 0.207 ms

Below is generated by plot.py at 2018-03-06 06:13:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.29 Mbit/s

95th percentile per-packet one-way delay: 11.475 ms

Loss rate: 0.00%

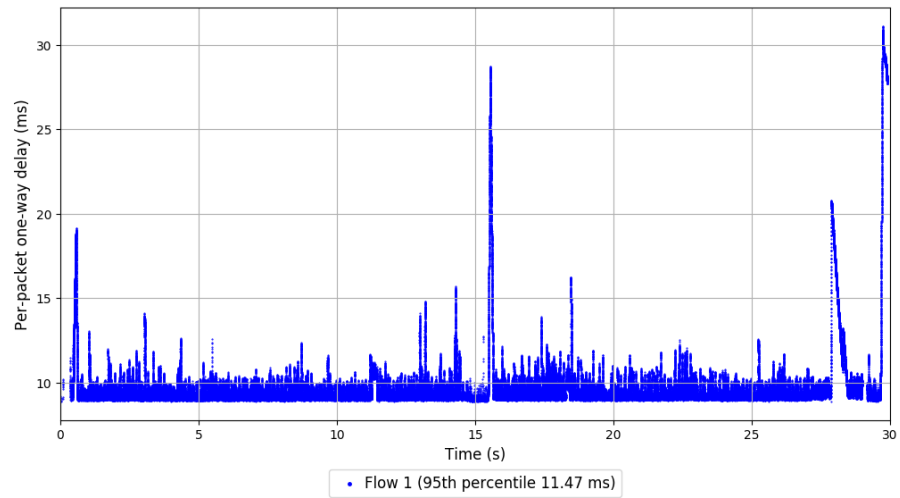
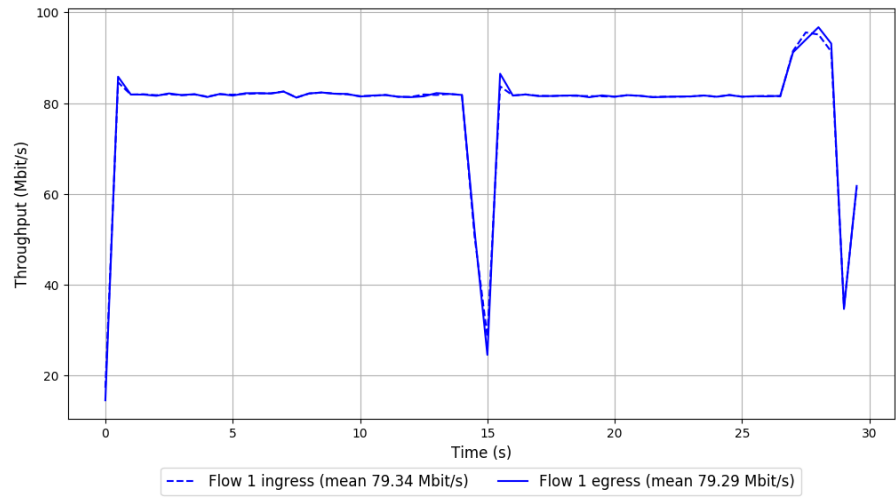
-- Flow 1:

Average throughput: 79.29 Mbit/s

95th percentile per-packet one-way delay: 11.475 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-03-06 05:20:13

End at: 2018-03-06 05:20:43

Local clock offset: 4.749 ms

Remote clock offset: 0.055 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.81 Mbit/s

95th percentile per-packet one-way delay: 19.058 ms

Loss rate: 0.00%

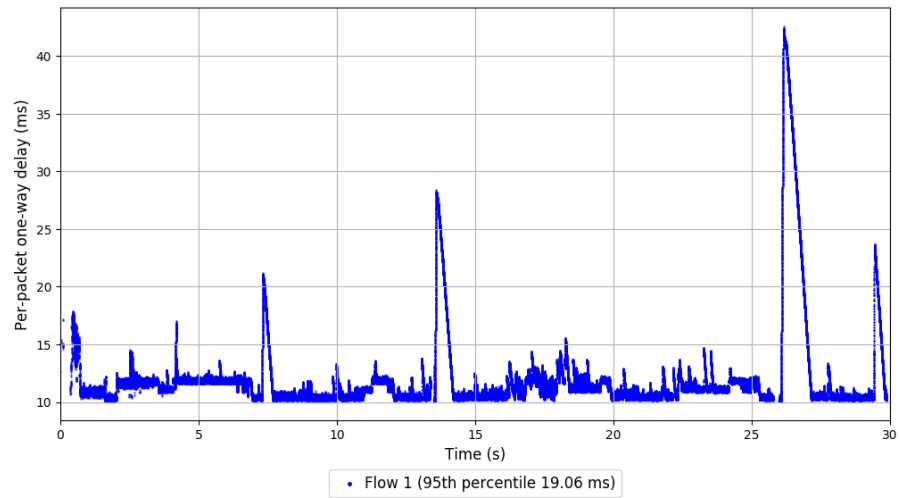
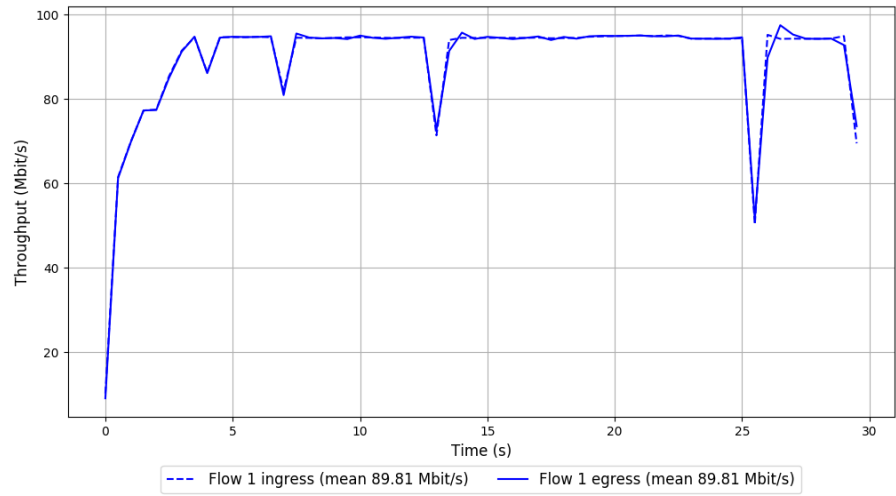
-- Flow 1:

Average throughput: 89.81 Mbit/s

95th percentile per-packet one-way delay: 19.058 ms

Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

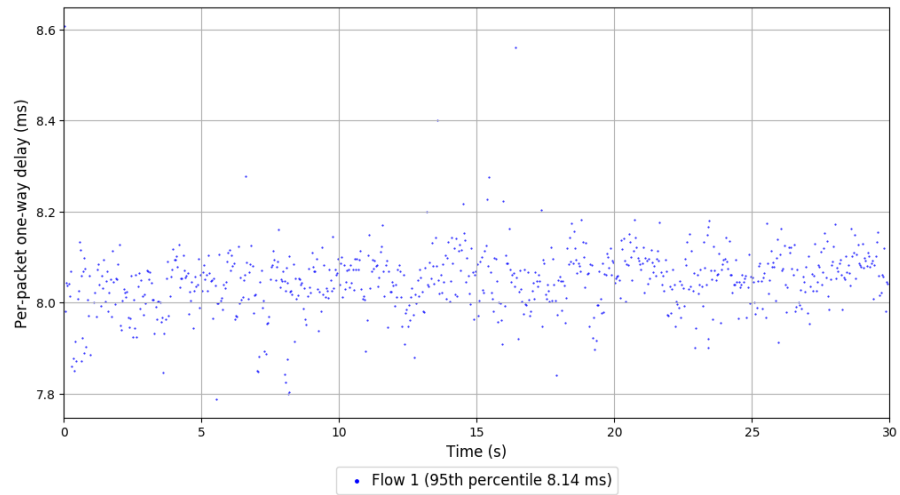
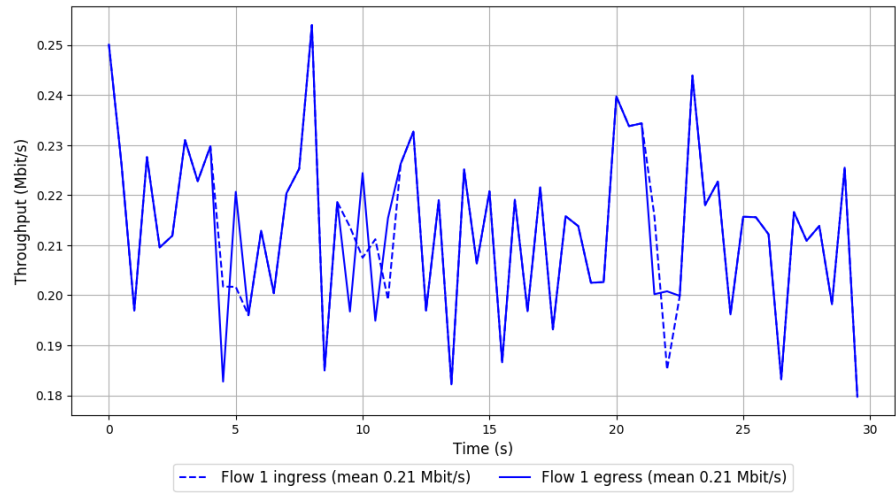


Run 1: Statistics of SCReAM

Start at: 2018-03-06 01:58:01
End at: 2018-03-06 01:58:31
Local clock offset: 4.201 ms
Remote clock offset: -3.652 ms

Below is generated by plot.py at 2018-03-06 06:13:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 8.142 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 8.142 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2018-03-06 02:18:58

End at: 2018-03-06 02:19:28

Local clock offset: 3.326 ms

Remote clock offset: 1.217 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 10.317 ms

Loss rate: 0.00%

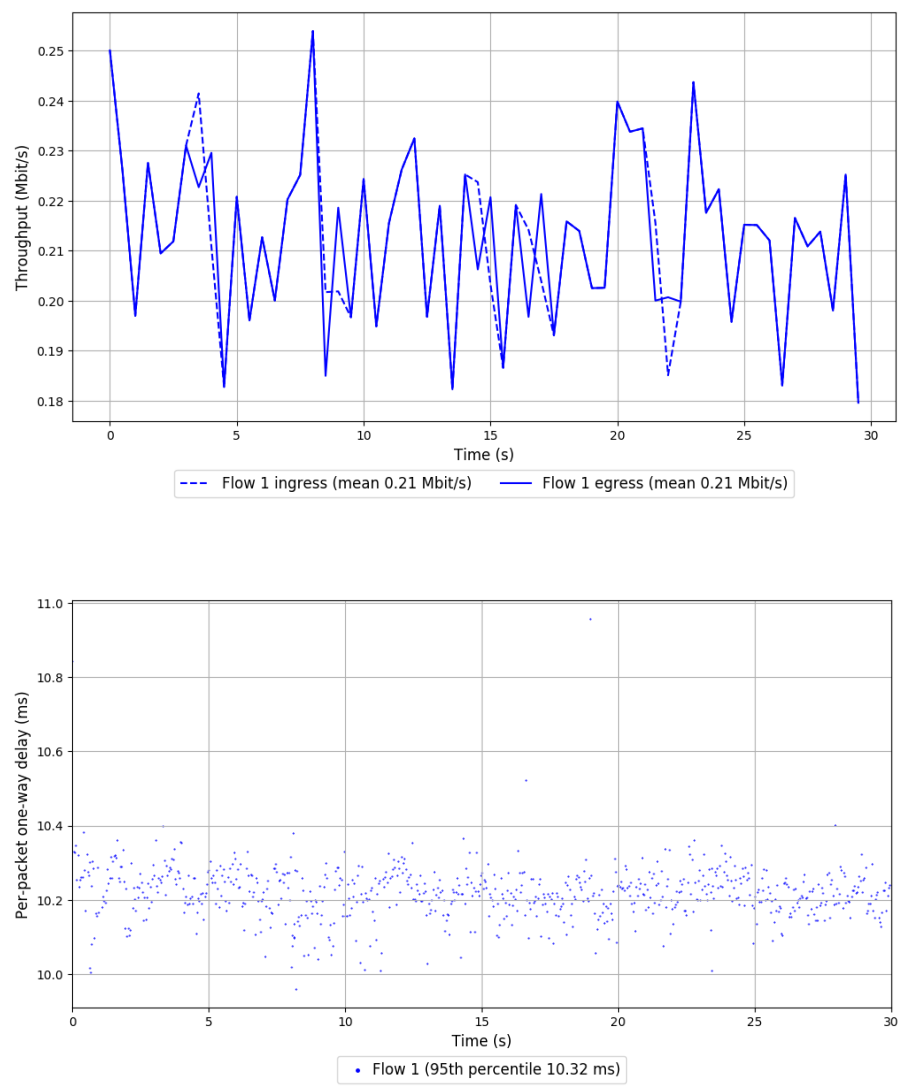
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 10.317 ms

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SCReAM

Start at: 2018-03-06 02:39:55

End at: 2018-03-06 02:40:25

Local clock offset: 2.874 ms

Remote clock offset: 1.039 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 11.511 ms

Loss rate: 0.00%

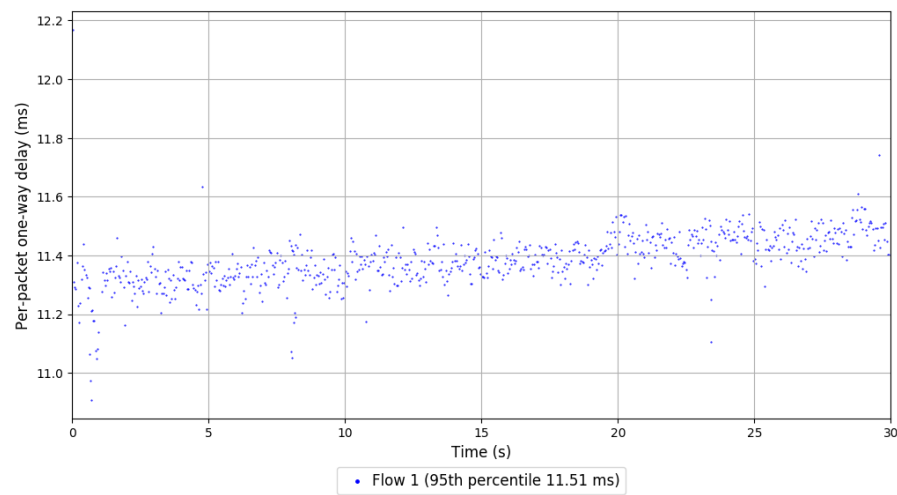
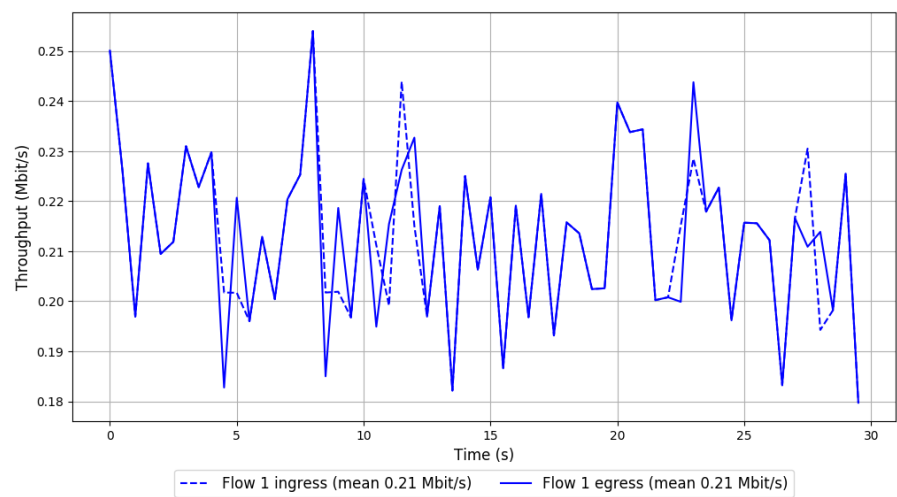
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 11.511 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

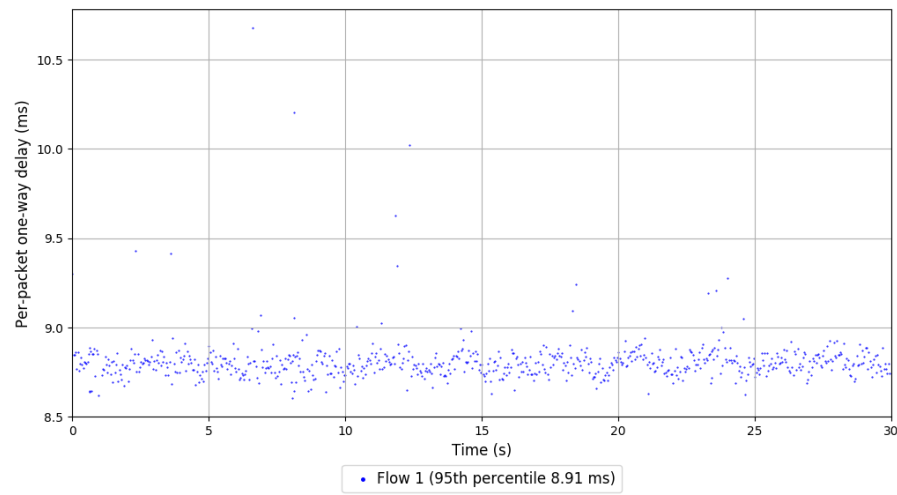
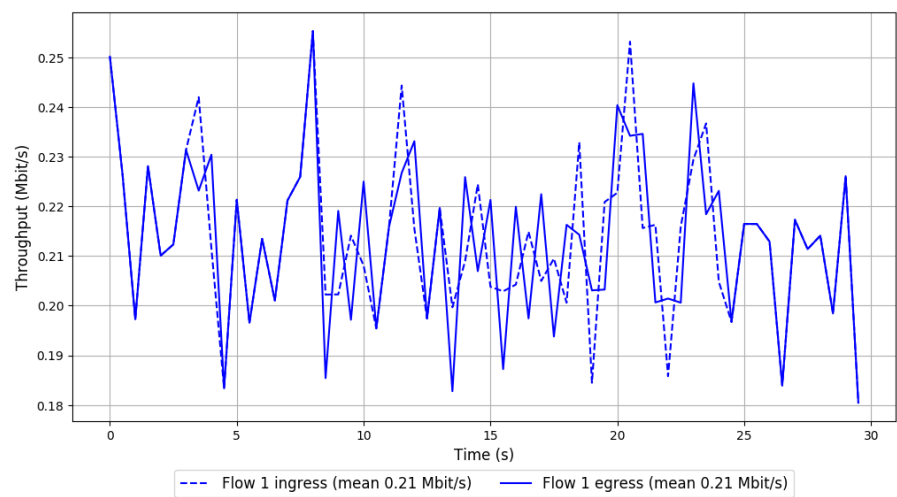


Run 4: Statistics of SCReAM

Start at: 2018-03-06 03:01:08
End at: 2018-03-06 03:01:38
Local clock offset: 4.359 ms
Remote clock offset: -3.103 ms

Below is generated by plot.py at 2018-03-06 06:13:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 8.908 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 8.908 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SCReAM

Start at: 2018-03-06 03:22:15

End at: 2018-03-06 03:22:45

Local clock offset: 1.582 ms

Remote clock offset: 0.468 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 10.807 ms

Loss rate: 0.00%

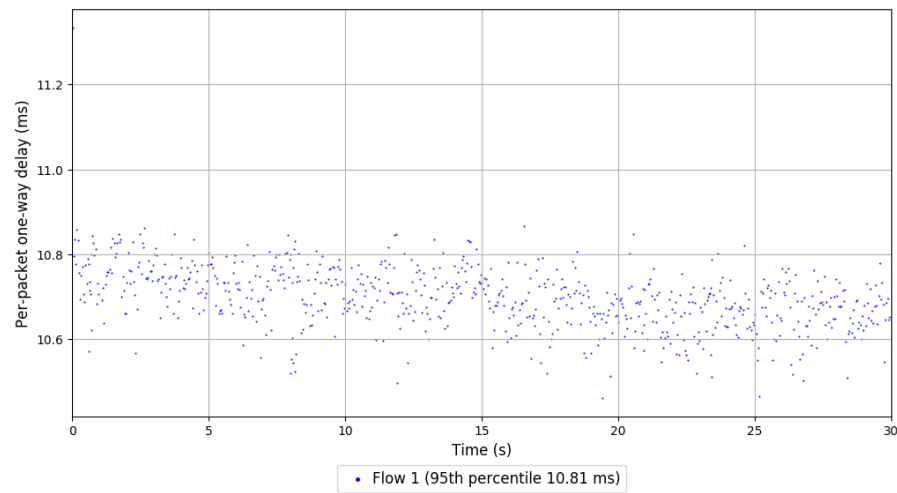
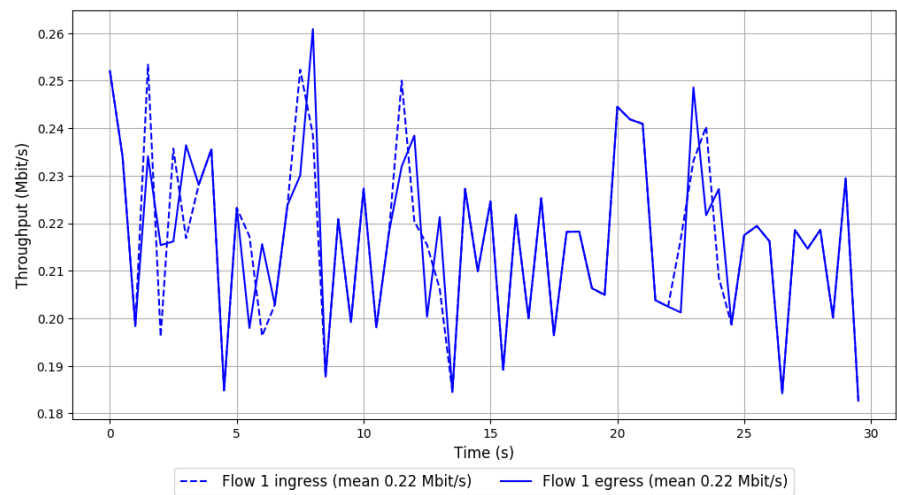
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 10.807 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SReAM

Start at: 2018-03-06 03:43:22

End at: 2018-03-06 03:43:52

Local clock offset: 6.242 ms

Remote clock offset: 5.796 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 10.084 ms

Loss rate: 0.00%

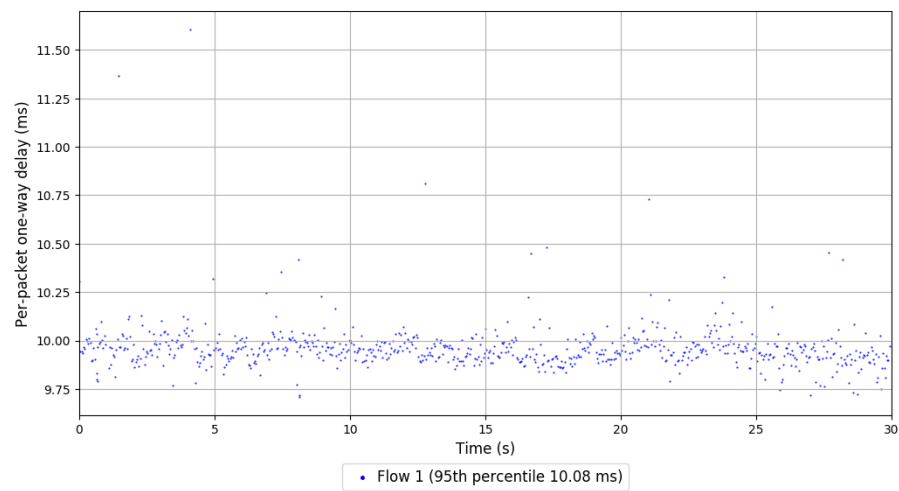
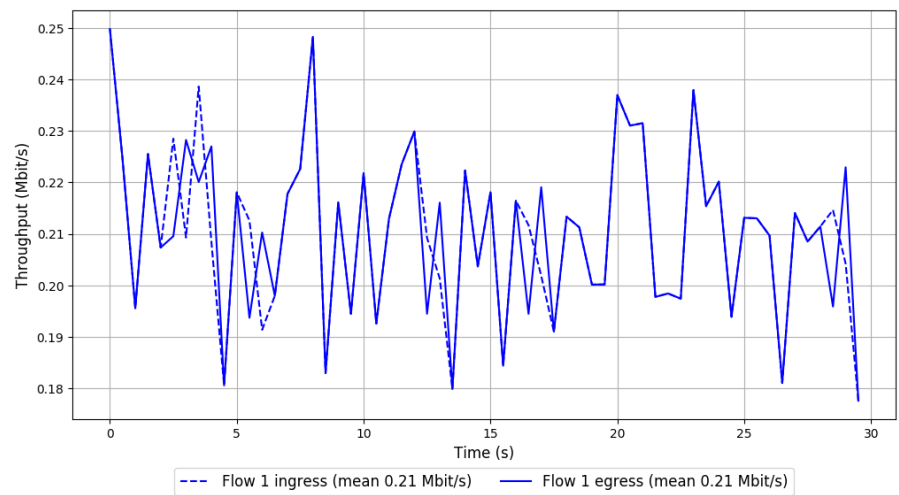
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 10.084 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

Start at: 2018-03-06 04:04:51

End at: 2018-03-06 04:05:21

Local clock offset: 3.087 ms

Remote clock offset: 1.316 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 10.307 ms

Loss rate: 0.00%

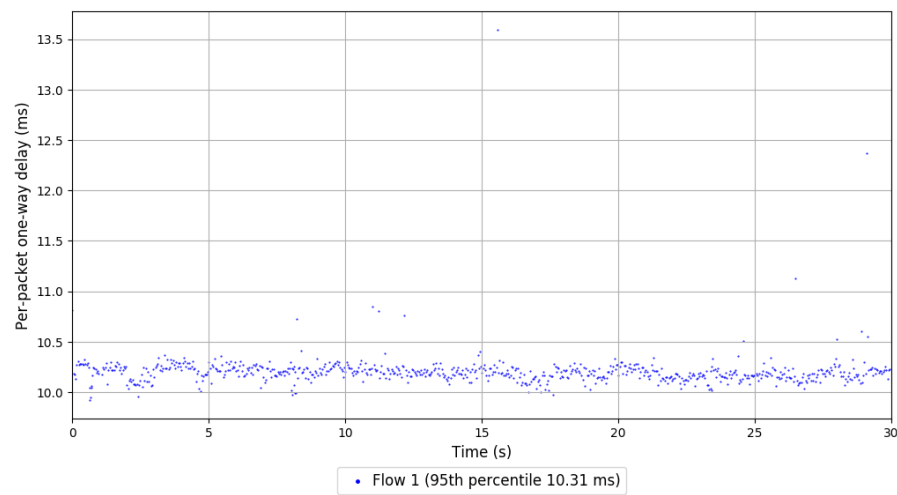
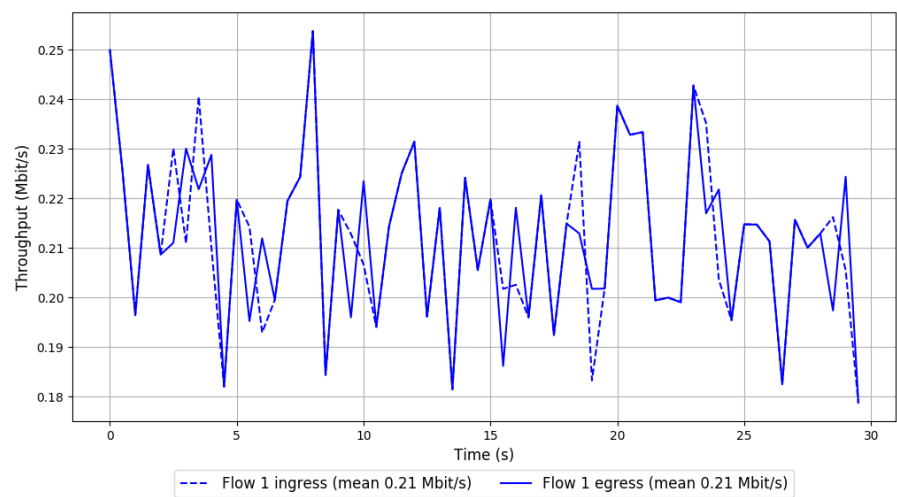
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 10.307 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-03-06 04:26:17

End at: 2018-03-06 04:26:47

Local clock offset: -0.098 ms

Remote clock offset: 0.932 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 12.460 ms

Loss rate: 0.00%

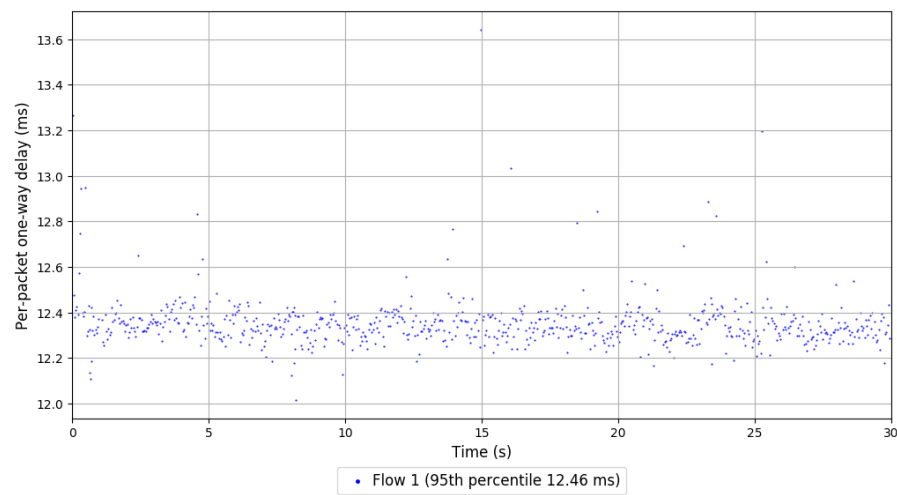
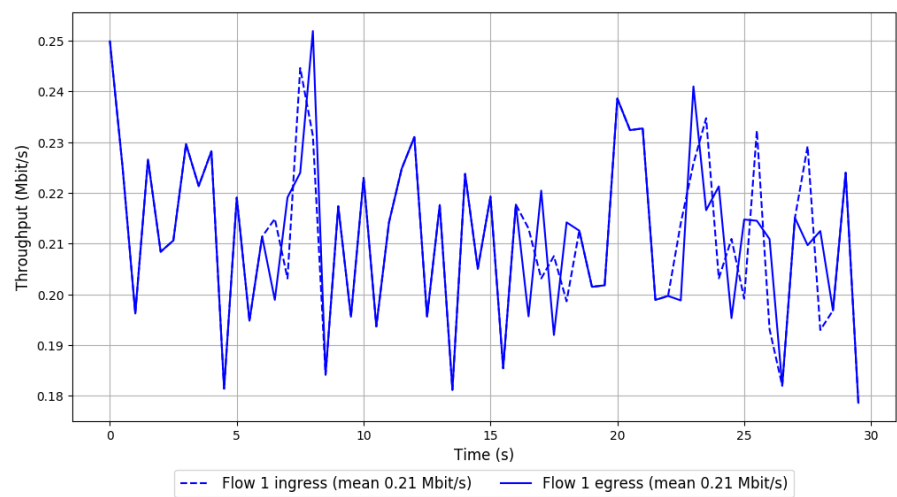
-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 12.460 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link



Run 9: Statistics of SReAM

Start at: 2018-03-06 04:48:22

End at: 2018-03-06 04:48:52

Local clock offset: 3.293 ms

Remote clock offset: 1.164 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 11.840 ms

Loss rate: 0.00%

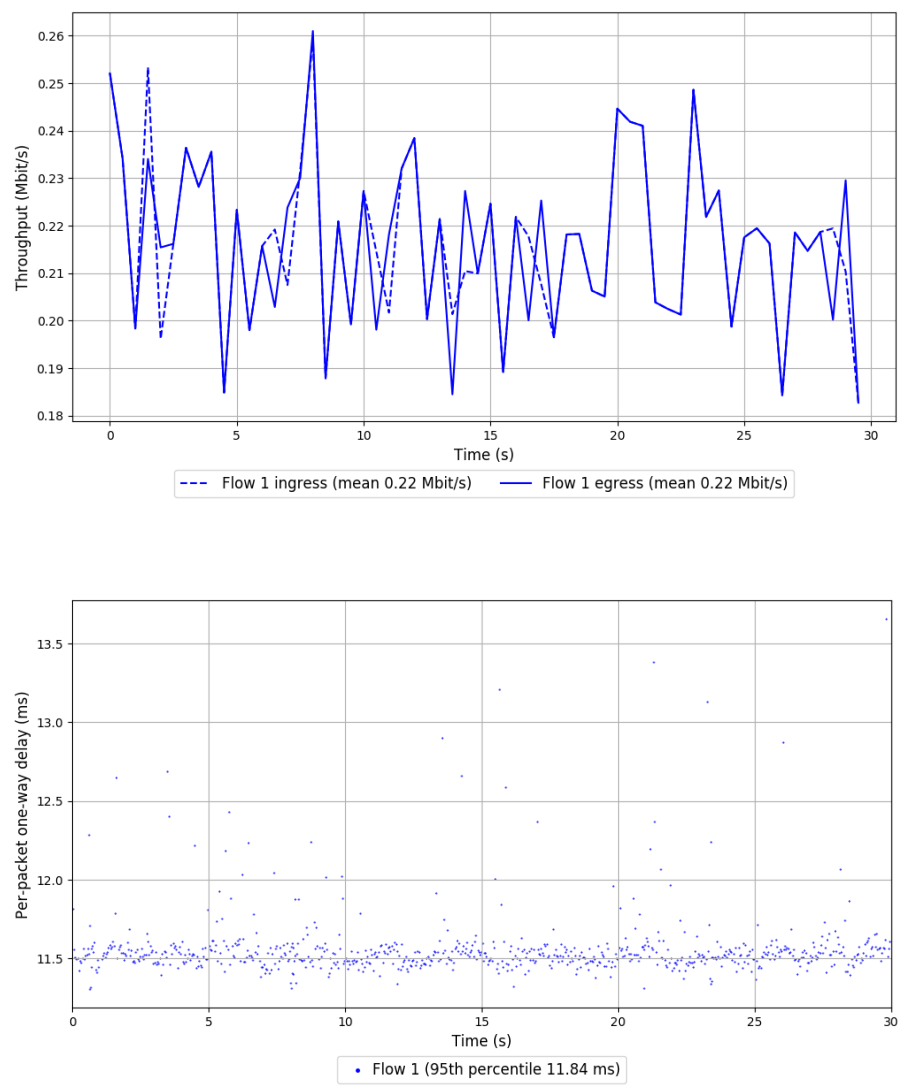
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 11.840 ms

Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-03-06 05:10:28

End at: 2018-03-06 05:10:58

Local clock offset: 2.696 ms

Remote clock offset: -1.263 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 10.964 ms

Loss rate: 0.00%

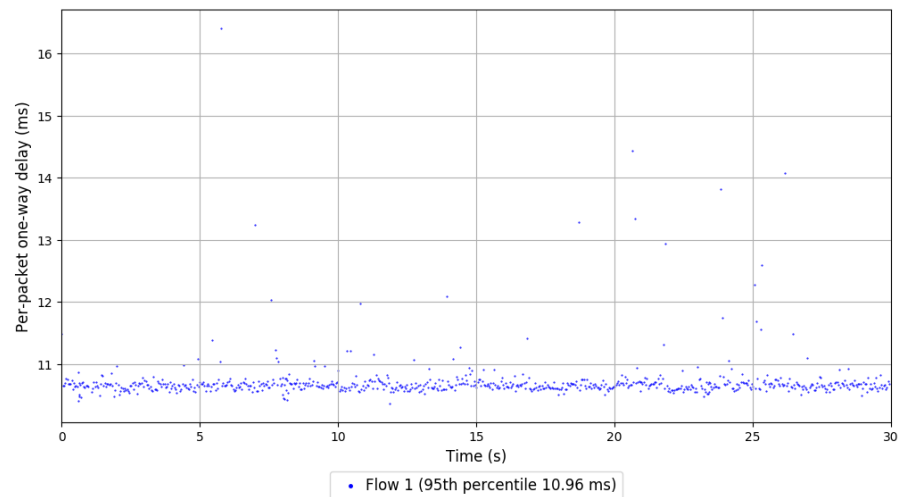
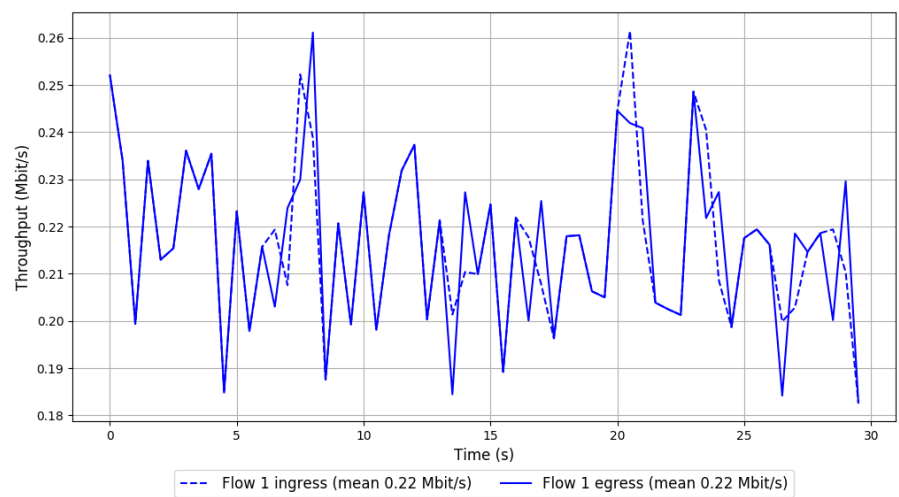
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 10.964 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-03-06 02:08:26

End at: 2018-03-06 02:08:56

Local clock offset: 3.845 ms

Remote clock offset: -1.45 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 9.068 ms

Loss rate: 0.03%

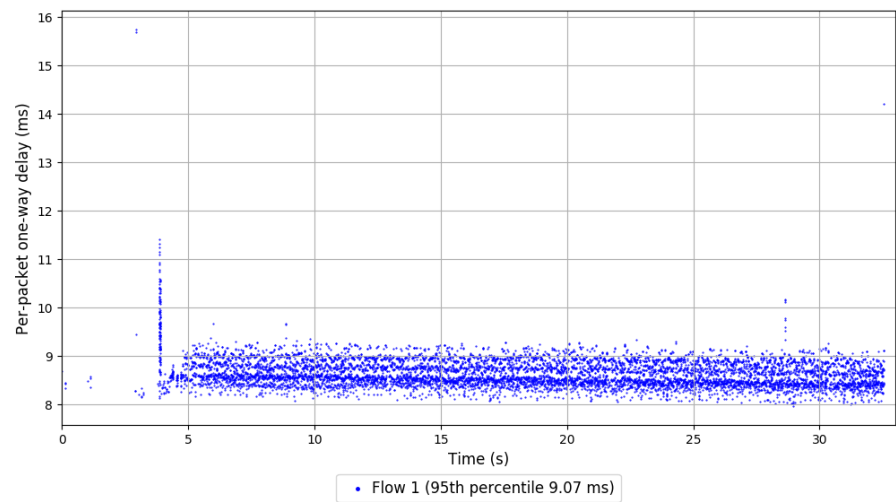
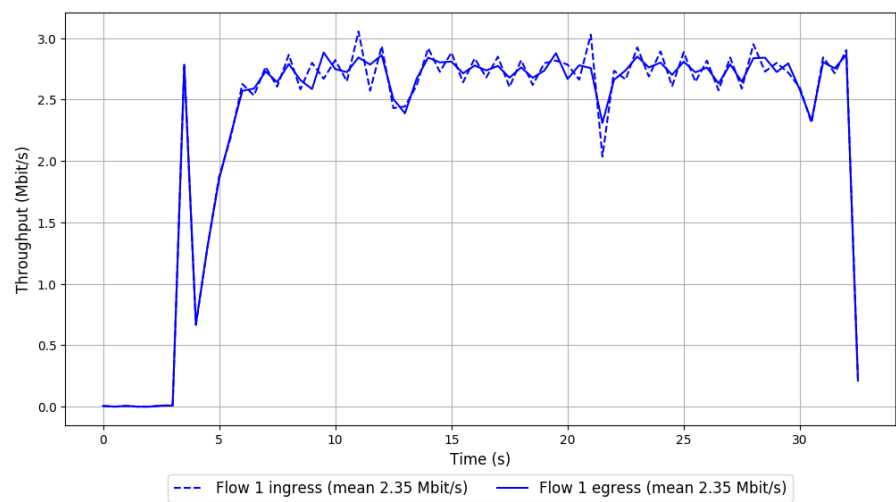
-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 9.068 ms

Loss rate: 0.03%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-03-06 02:29:25

End at: 2018-03-06 02:29:55

Local clock offset: 4.964 ms

Remote clock offset: 1.455 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 9.366 ms

Loss rate: 0.00%

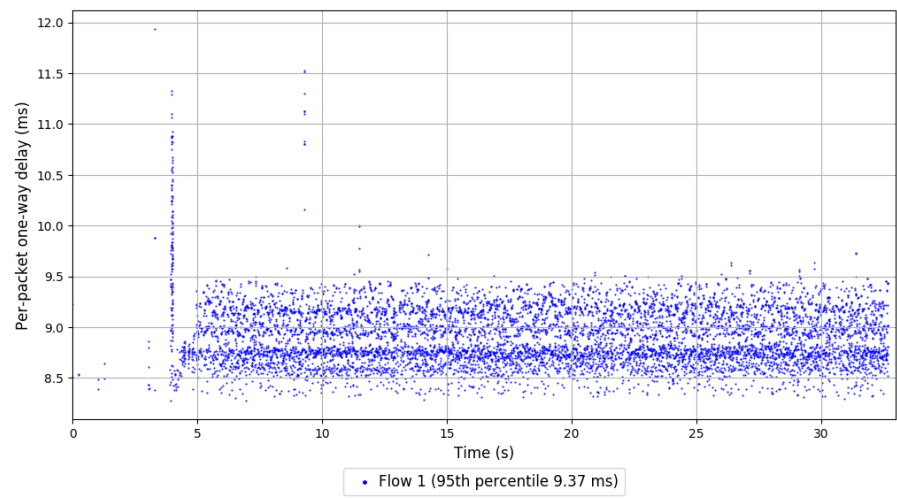
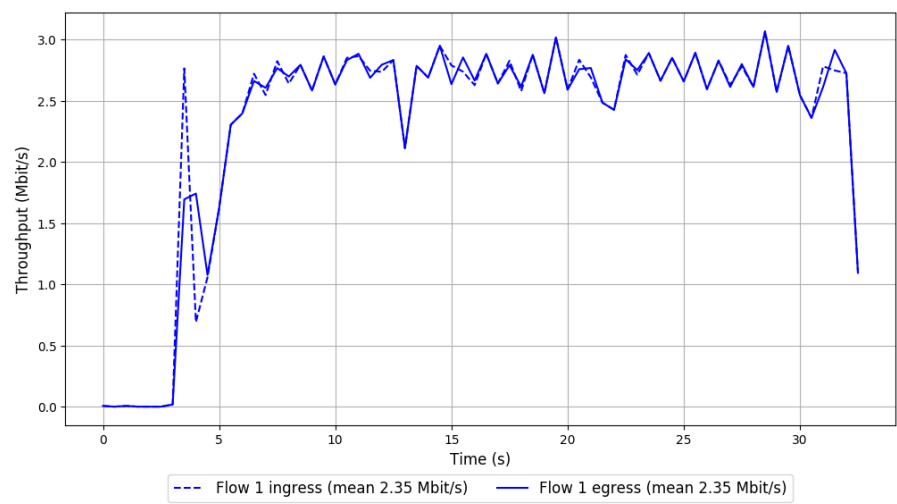
-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 9.366 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

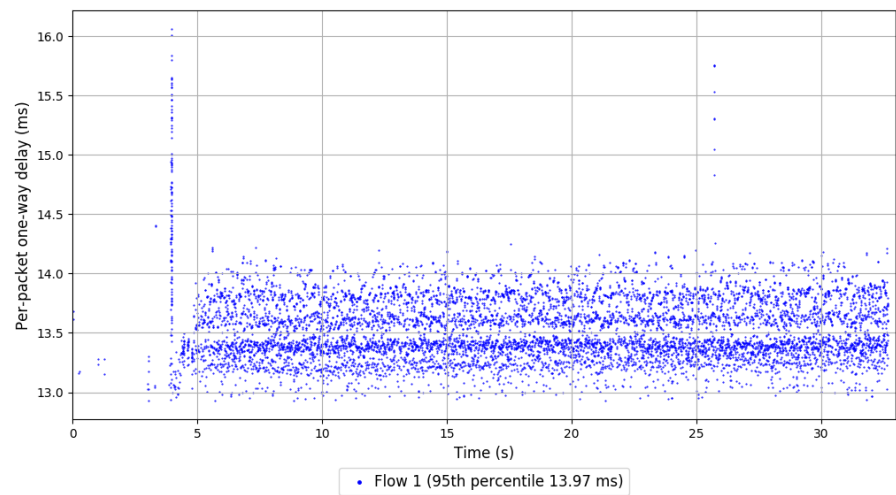
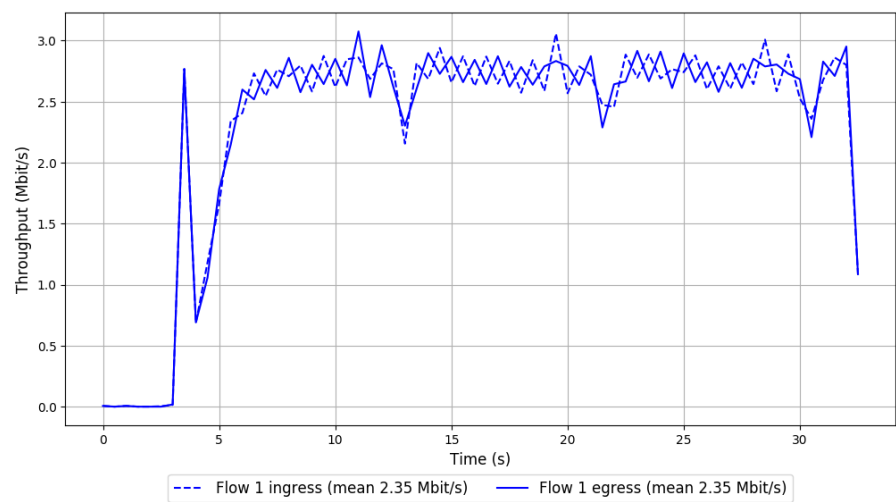


Run 3: Statistics of WebRTC media

Start at: 2018-03-06 02:50:36
End at: 2018-03-06 02:51:06
Local clock offset: 1.802 ms
Remote clock offset: -0.673 ms

Below is generated by plot.py at 2018-03-06 06:13:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 13.973 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 13.973 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

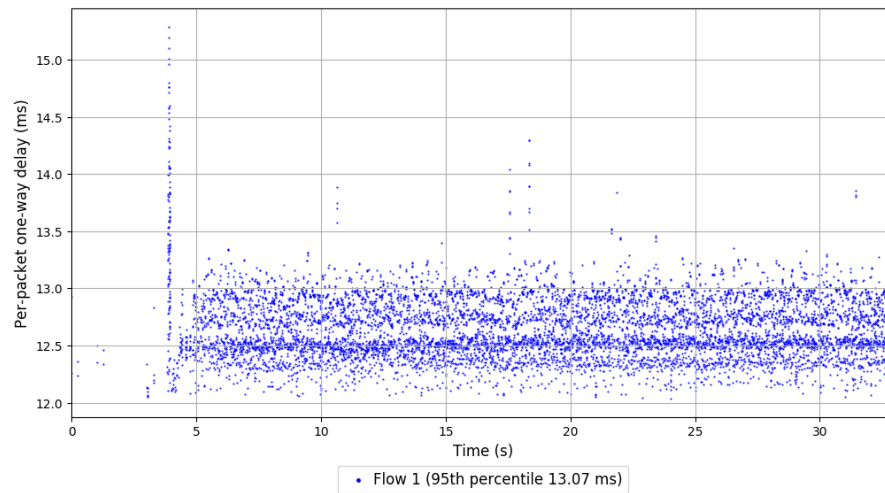
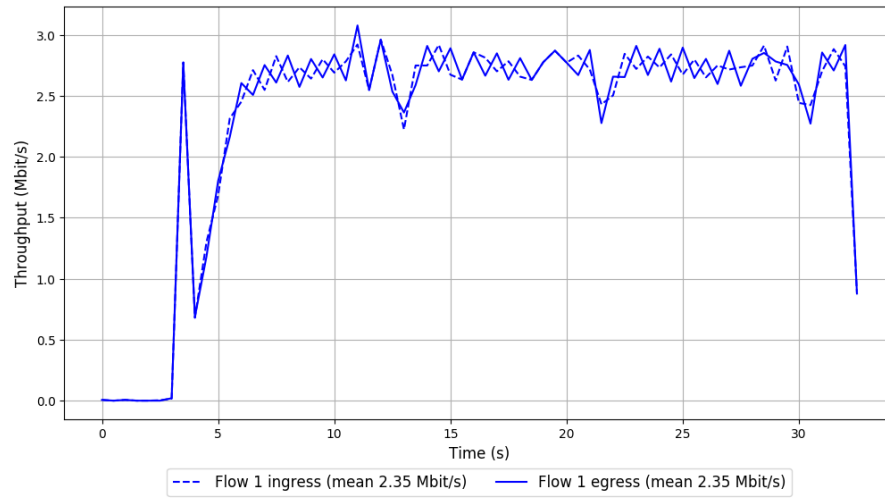


Run 4: Statistics of WebRTC media

Start at: 2018-03-06 03:11:33
End at: 2018-03-06 03:12:03
Local clock offset: 0.911 ms
Remote clock offset: -3.168 ms

Below is generated by plot.py at 2018-03-06 06:13:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 13.071 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 13.071 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-03-06 03:32:40

End at: 2018-03-06 03:33:10

Local clock offset: 4.231 ms

Remote clock offset: 3.113 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 10.905 ms

Loss rate: 0.00%

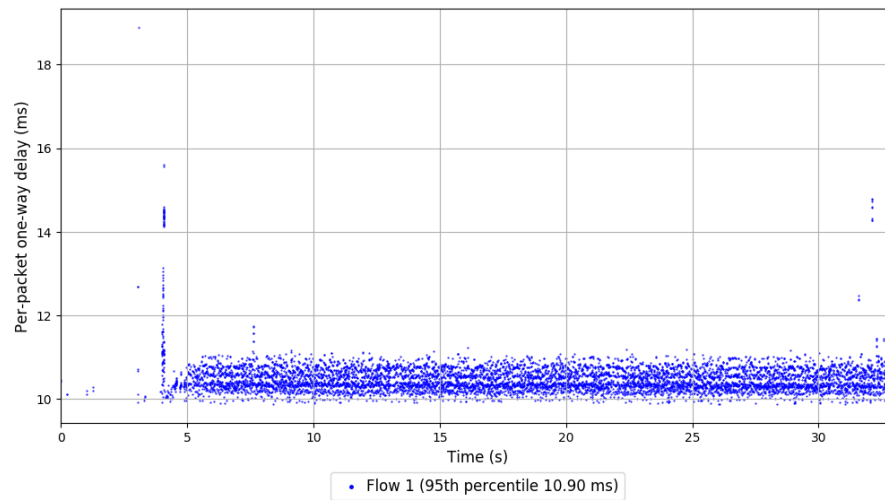
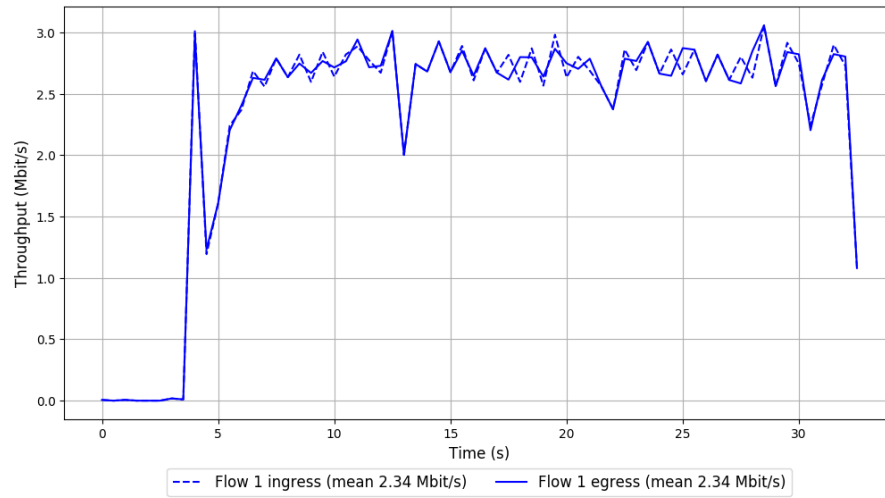
-- Flow 1:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 10.905 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-03-06 03:54:04

End at: 2018-03-06 03:54:34

Local clock offset: 4.624 ms

Remote clock offset: 1.993 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 11.481 ms

Loss rate: 0.00%

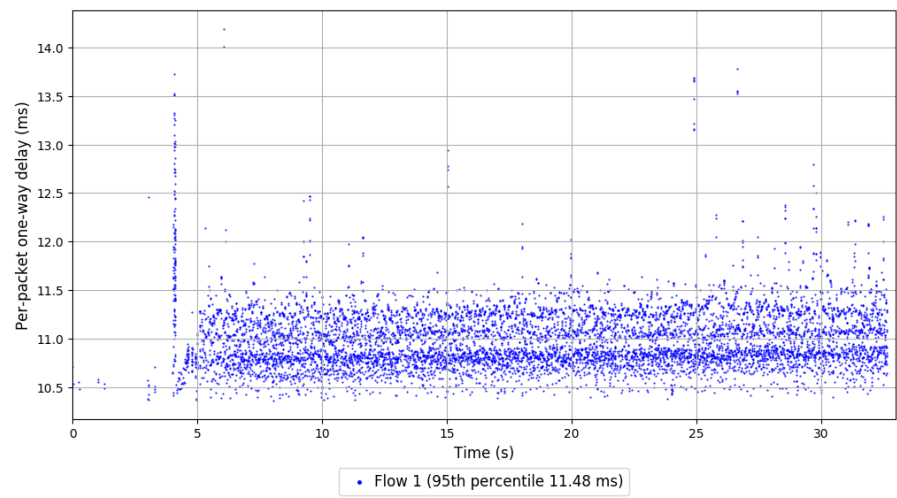
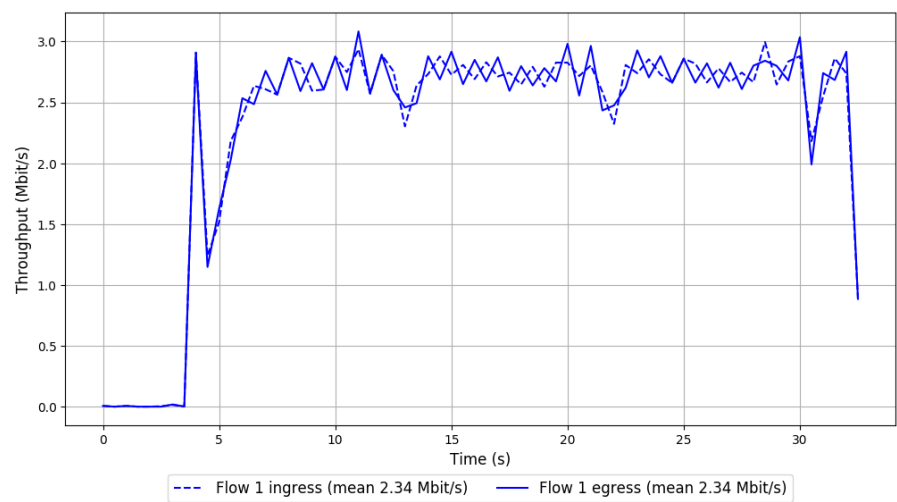
-- Flow 1:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 11.481 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-03-06 04:15:30

End at: 2018-03-06 04:16:00

Local clock offset: 1.459 ms

Remote clock offset: 0.332 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 11.145 ms

Loss rate: 0.00%

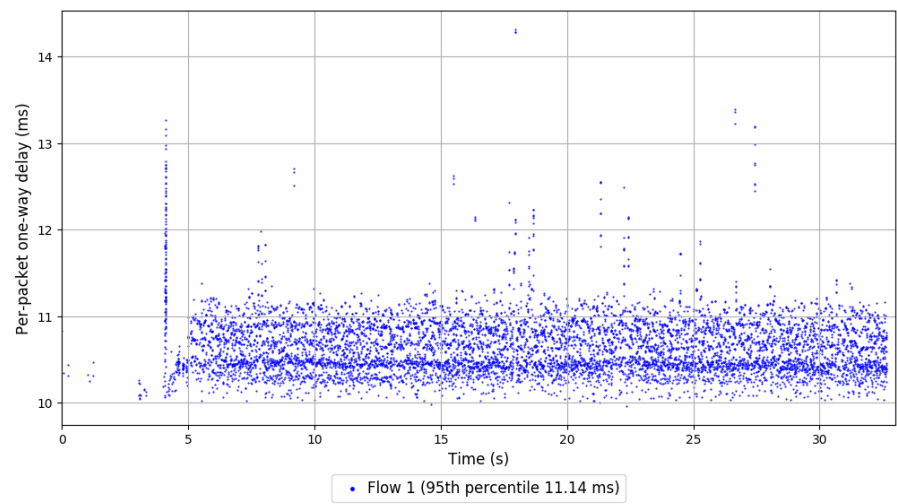
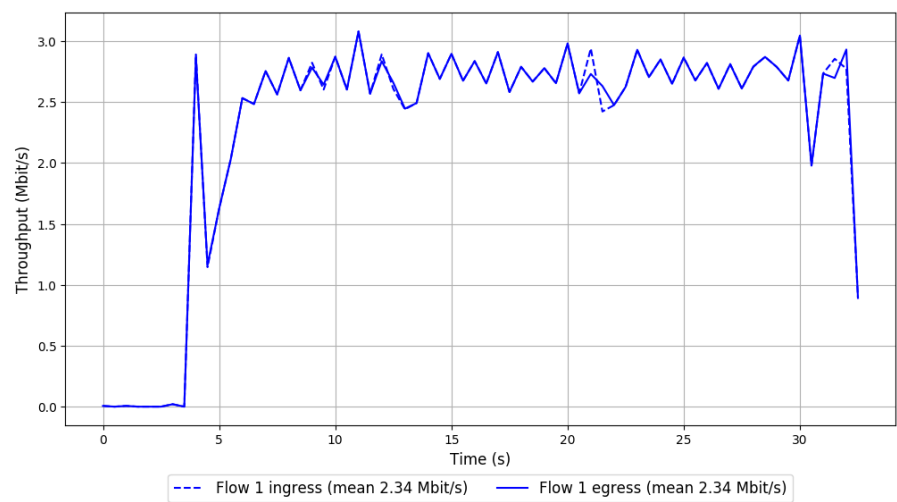
-- Flow 1:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 11.145 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-03-06 04:37:25

End at: 2018-03-06 04:37:55

Local clock offset: 2.295 ms

Remote clock offset: 1.158 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 12.982 ms

Loss rate: 0.00%

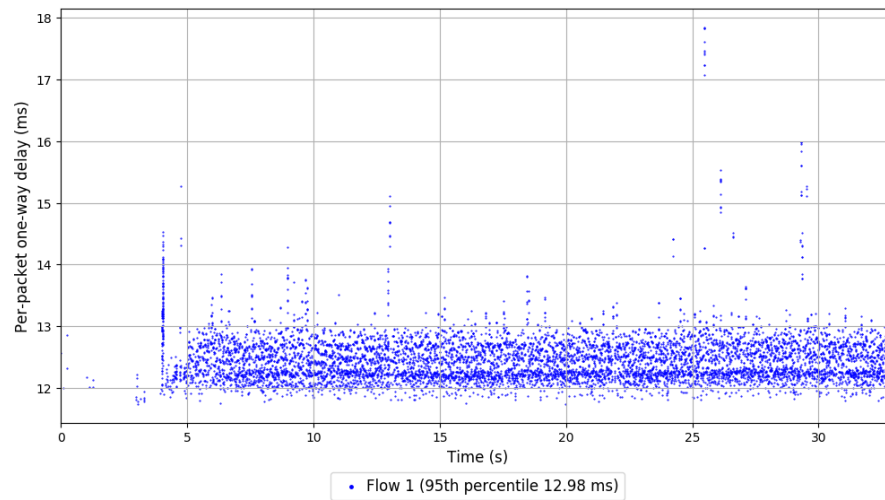
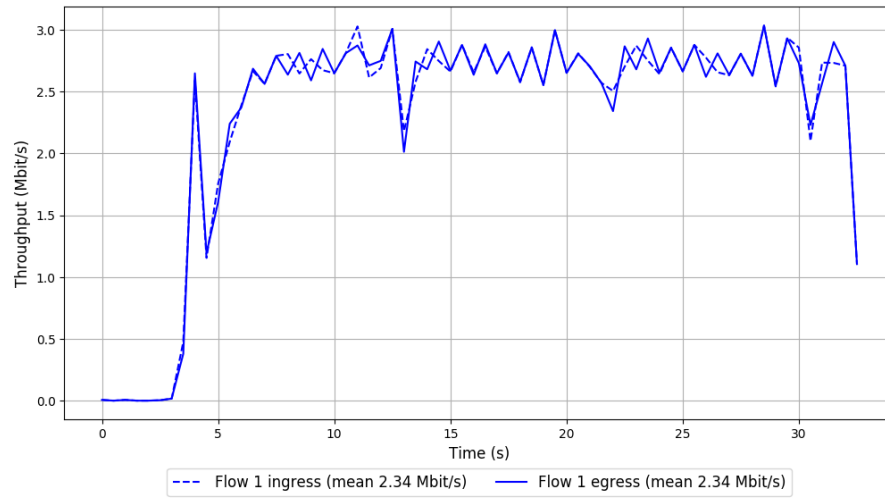
-- Flow 1:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 12.982 ms

Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link



Run 9: Statistics of WebRTC media

Start at: 2018-03-06 04:59:22

End at: 2018-03-06 04:59:52

Local clock offset: 2.659 ms

Remote clock offset: 0.75 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 12.015 ms

Loss rate: 0.00%

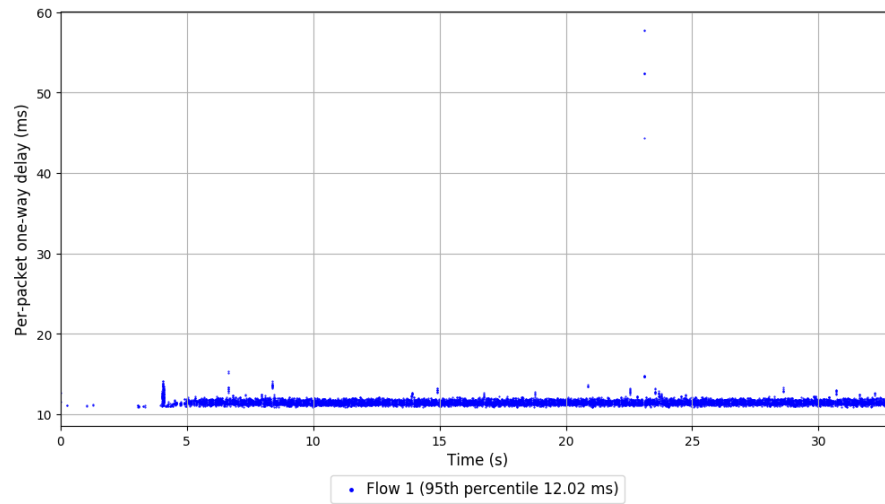
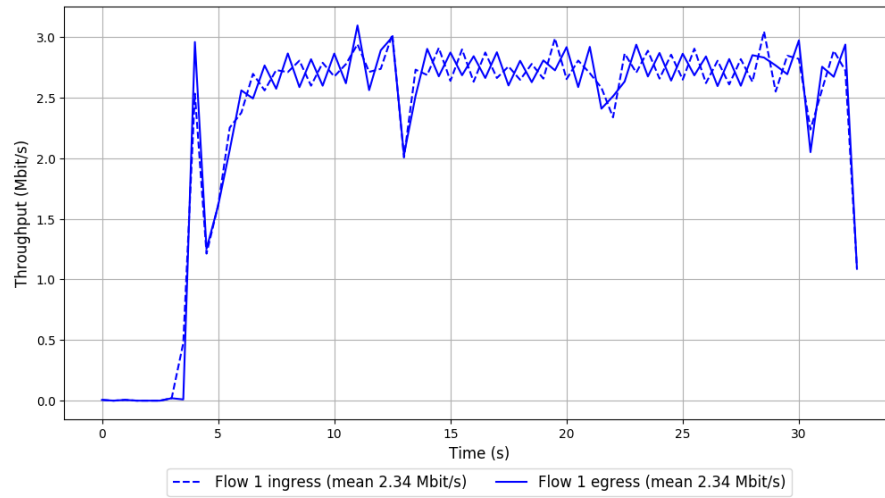
-- Flow 1:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 12.015 ms

Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-03-06 05:21:26

End at: 2018-03-06 05:21:56

Local clock offset: 3.434 ms

Remote clock offset: -0.58 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 12.020 ms

Loss rate: 0.00%

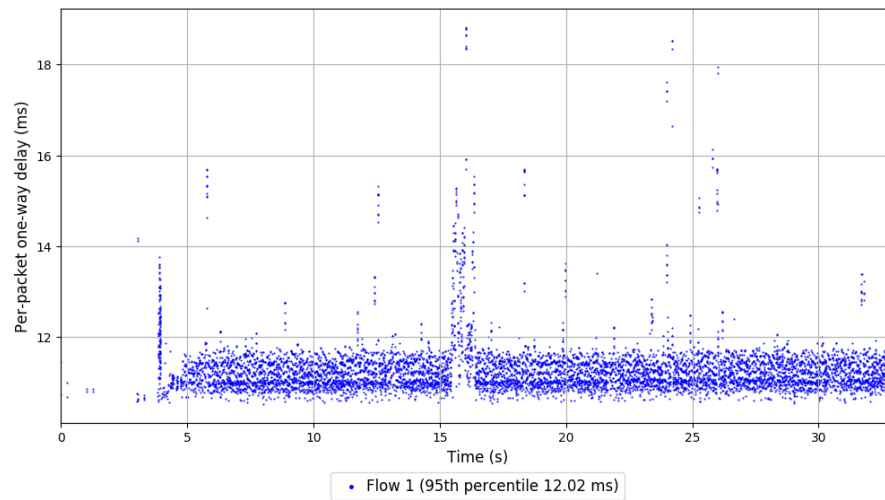
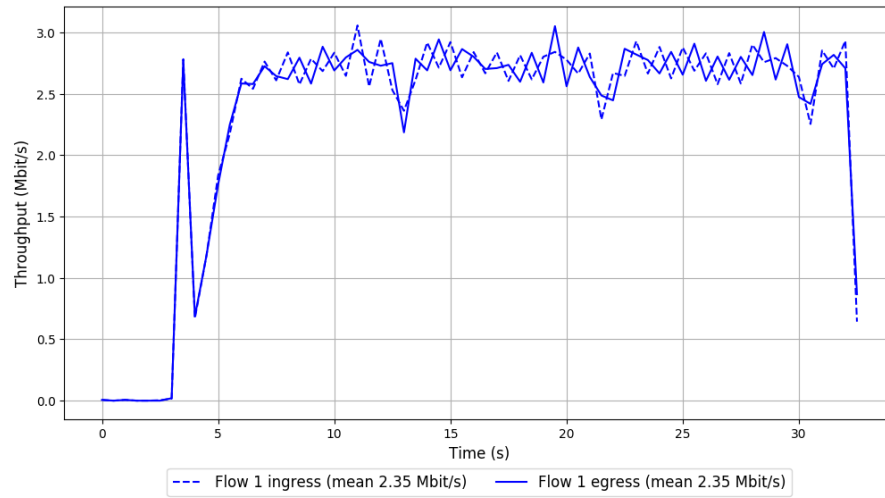
-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 12.020 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

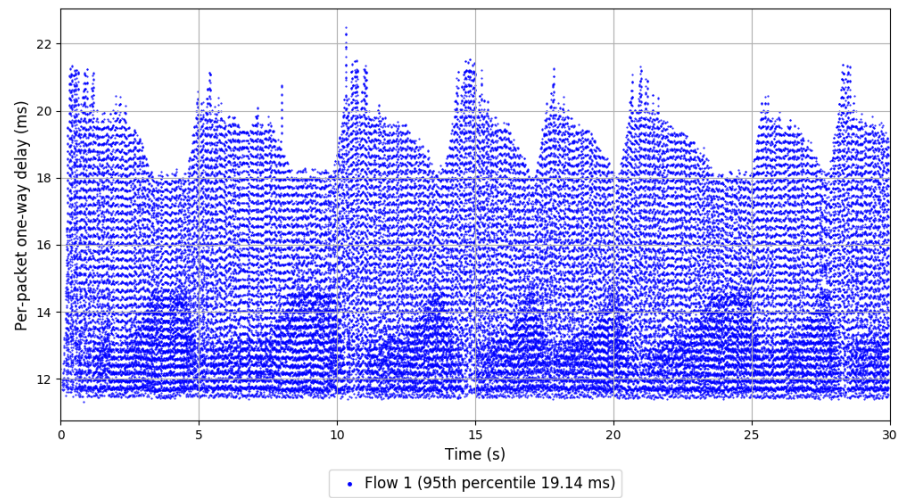
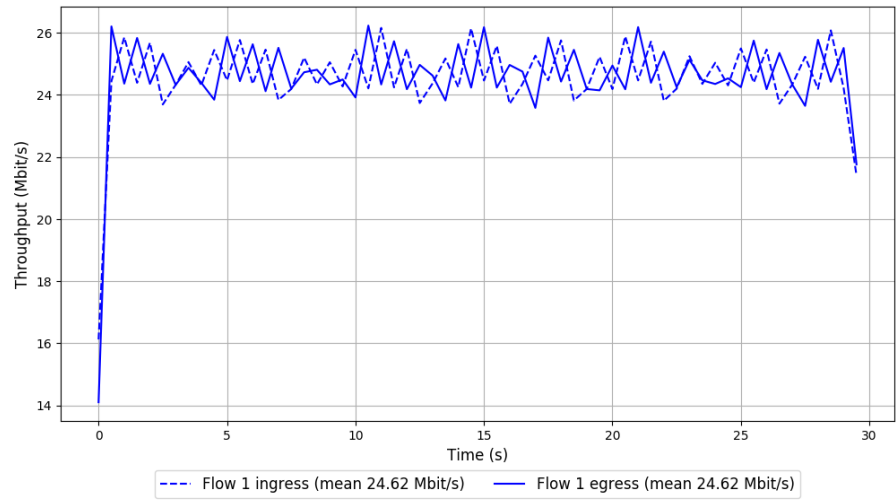


Run 1: Statistics of Sprout

Start at: 2018-03-06 02:13:08
End at: 2018-03-06 02:13:38
Local clock offset: 0.32 ms
Remote clock offset: -0.888 ms

Below is generated by plot.py at 2018-03-06 06:13:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.62 Mbit/s
95th percentile per-packet one-way delay: 19.142 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.62 Mbit/s
95th percentile per-packet one-way delay: 19.142 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link



Run 2: Statistics of Sprout

Start at: 2018-03-06 02:34:04

End at: 2018-03-06 02:34:34

Local clock offset: 2.667 ms

Remote clock offset: 1.807 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.59 Mbit/s

95th percentile per-packet one-way delay: 18.893 ms

Loss rate: 0.00%

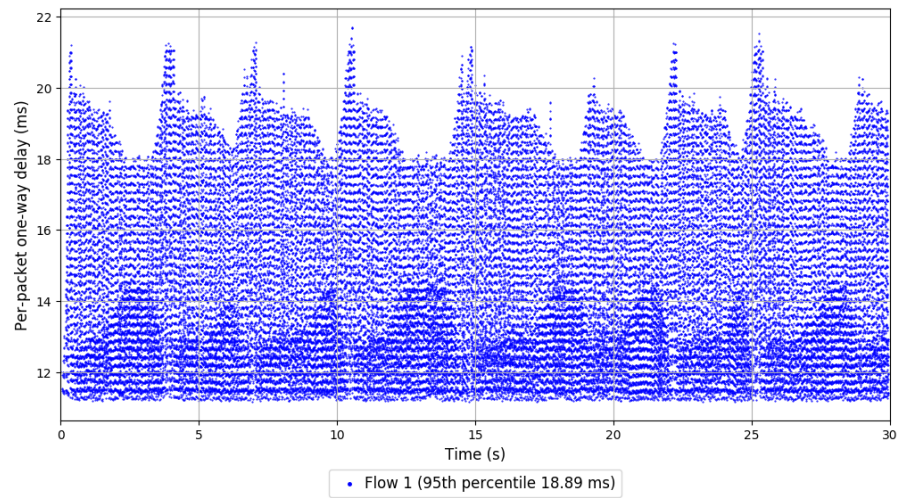
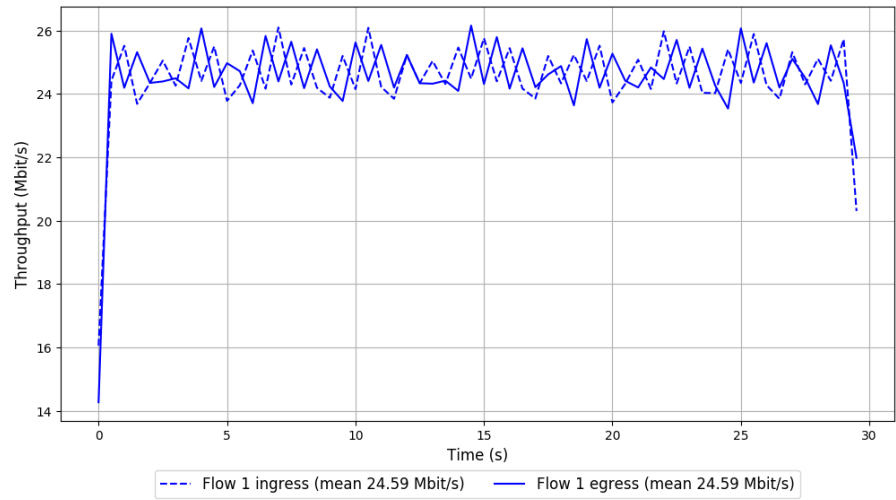
-- Flow 1:

Average throughput: 24.59 Mbit/s

95th percentile per-packet one-way delay: 18.893 ms

Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

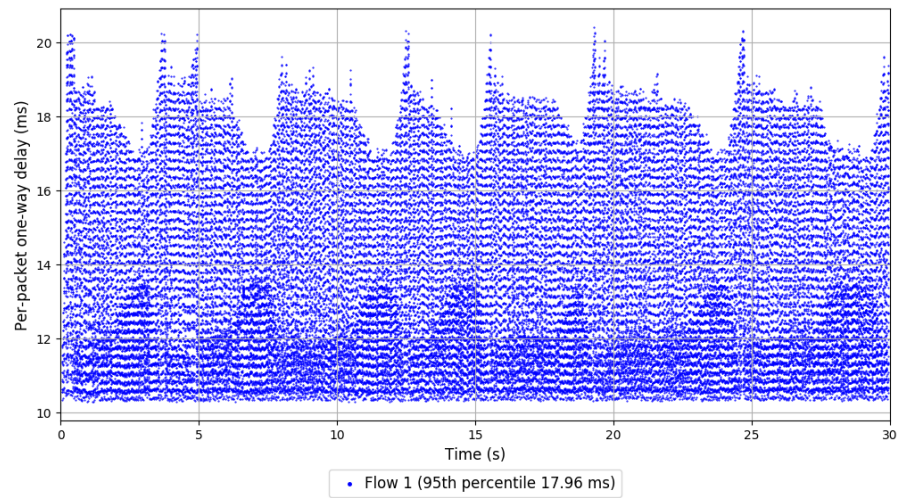
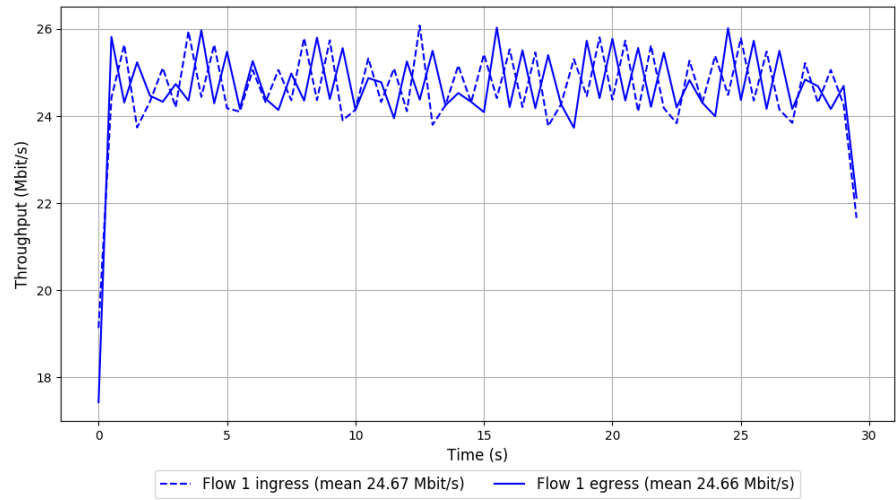


Run 3: Statistics of Sprout

Start at: 2018-03-06 02:55:17
End at: 2018-03-06 02:55:47
Local clock offset: 4.33 ms
Remote clock offset: -1.212 ms

Below is generated by plot.py at 2018-03-06 06:13:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 17.957 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 17.957 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

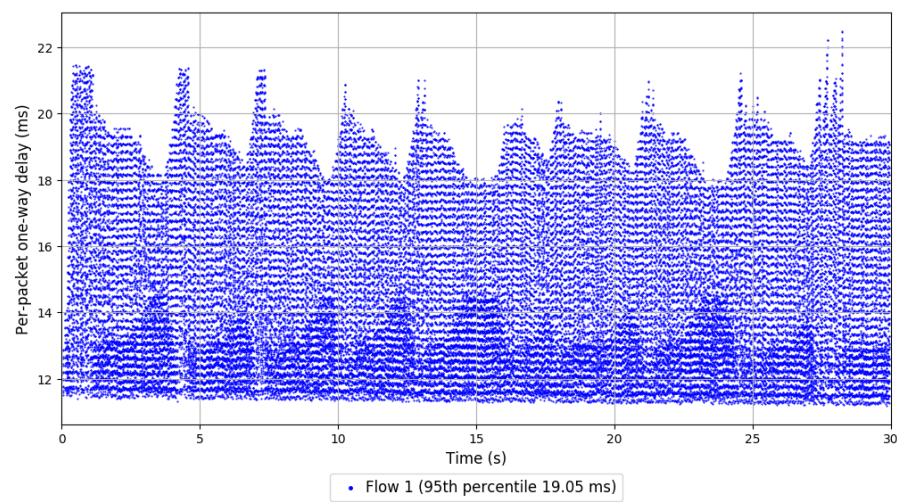
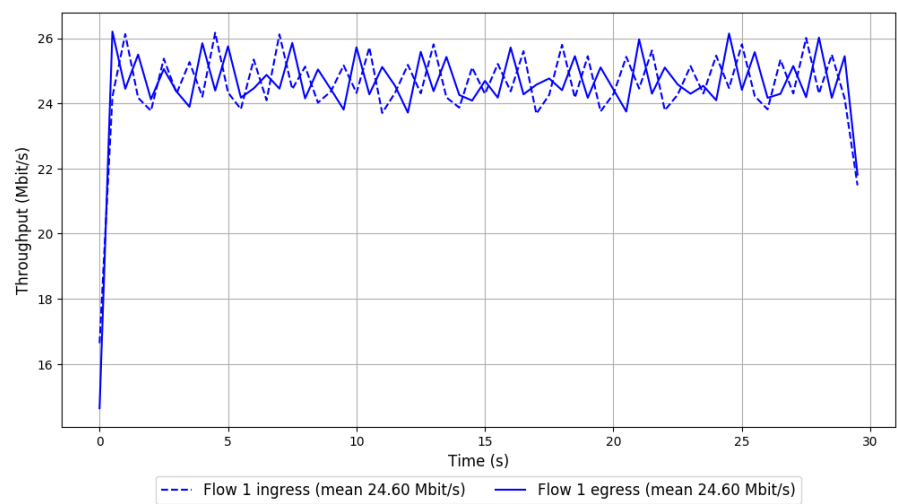


Run 4: Statistics of Sprout

Start at: 2018-03-06 03:16:16
End at: 2018-03-06 03:16:46
Local clock offset: 2.08 ms
Remote clock offset: -0.243 ms

Below is generated by plot.py at 2018-03-06 06:13:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 19.046 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 19.046 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-03-06 03:37:31

End at: 2018-03-06 03:38:01

Local clock offset: 2.968 ms

Remote clock offset: 4.992 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.49 Mbit/s

95th percentile per-packet one-way delay: 20.181 ms

Loss rate: 0.00%

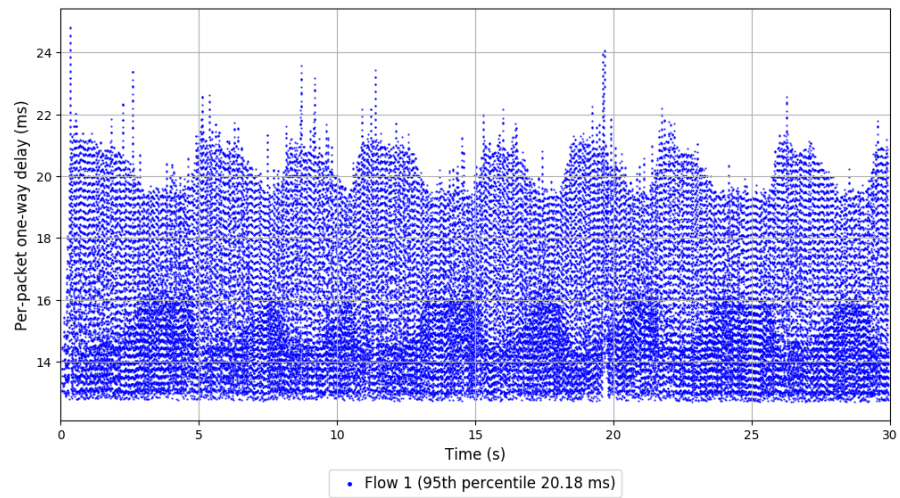
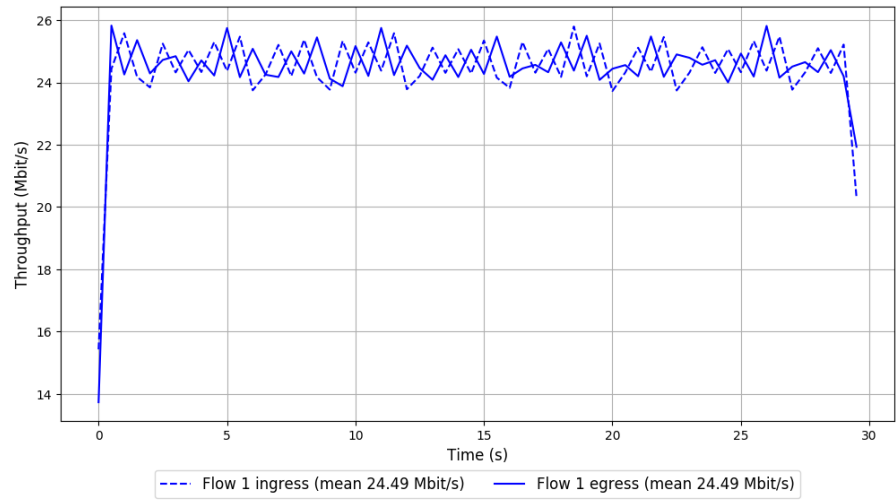
-- Flow 1:

Average throughput: 24.49 Mbit/s

95th percentile per-packet one-way delay: 20.181 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-03-06 03:58:48

End at: 2018-03-06 03:59:18

Local clock offset: 3.357 ms

Remote clock offset: 1.518 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.56 Mbit/s

95th percentile per-packet one-way delay: 17.697 ms

Loss rate: 0.00%

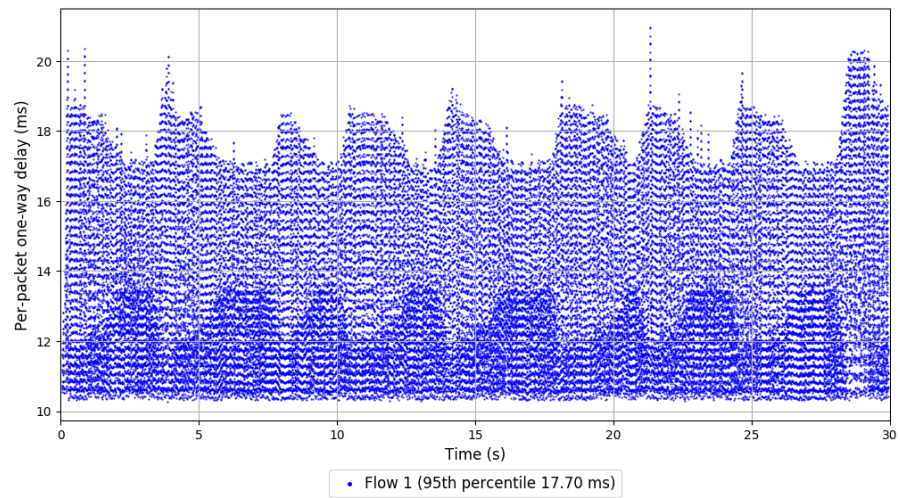
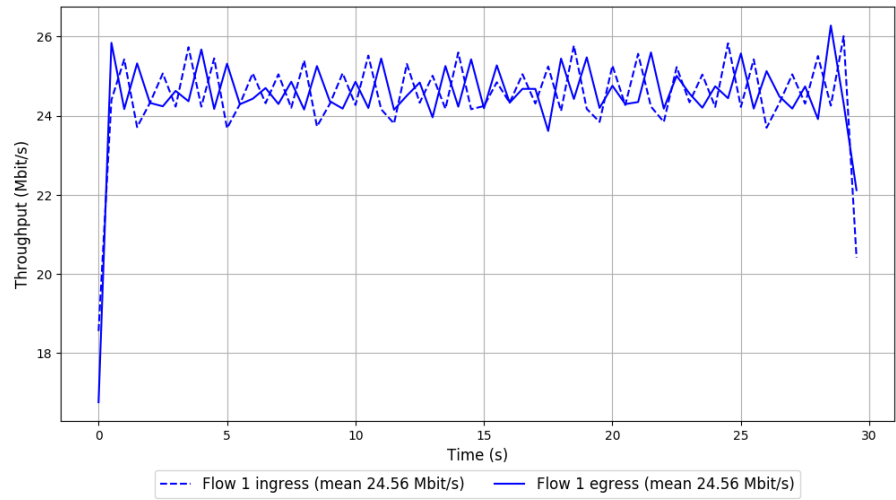
-- Flow 1:

Average throughput: 24.56 Mbit/s

95th percentile per-packet one-way delay: 17.697 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link



Run 7: Statistics of Sprout

Start at: 2018-03-06 04:20:22

End at: 2018-03-06 04:20:52

Local clock offset: 0.195 ms

Remote clock offset: 0.765 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.51 Mbit/s

95th percentile per-packet one-way delay: 19.042 ms

Loss rate: 0.00%

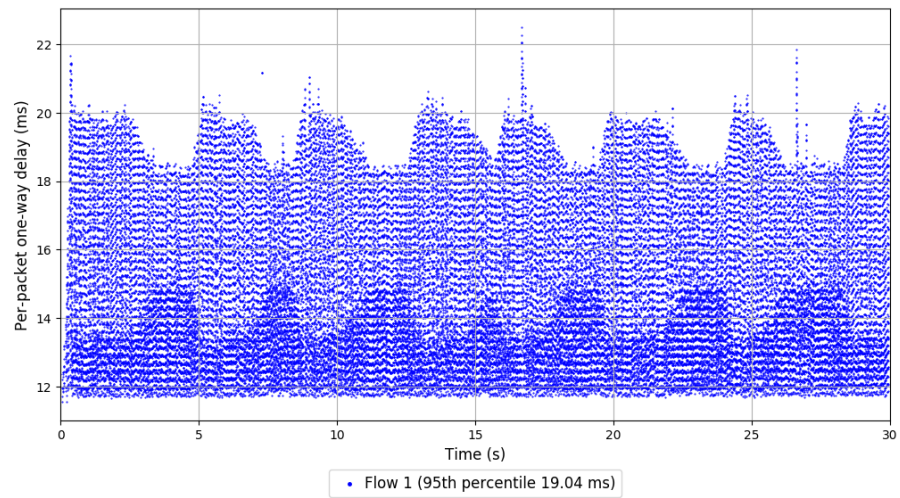
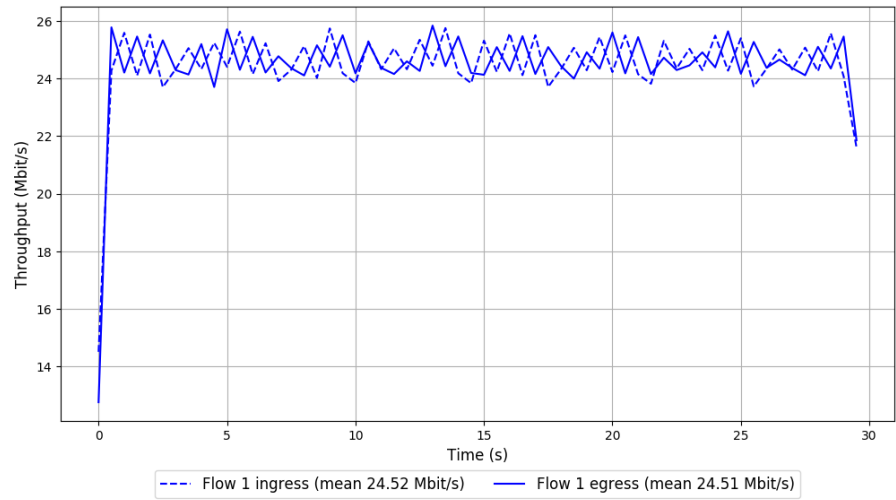
-- Flow 1:

Average throughput: 24.51 Mbit/s

95th percentile per-packet one-way delay: 19.042 ms

Loss rate: 0.00%

Run 7: Report of Sprout — Data Link



Run 8: Statistics of Sprout

Start at: 2018-03-06 04:42:12

End at: 2018-03-06 04:42:42

Local clock offset: 1.405 ms

Remote clock offset: 1.39 ms

Below is generated by plot.py at 2018-03-06 06:13:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.28 Mbit/s

95th percentile per-packet one-way delay: 19.353 ms

Loss rate: 0.00%

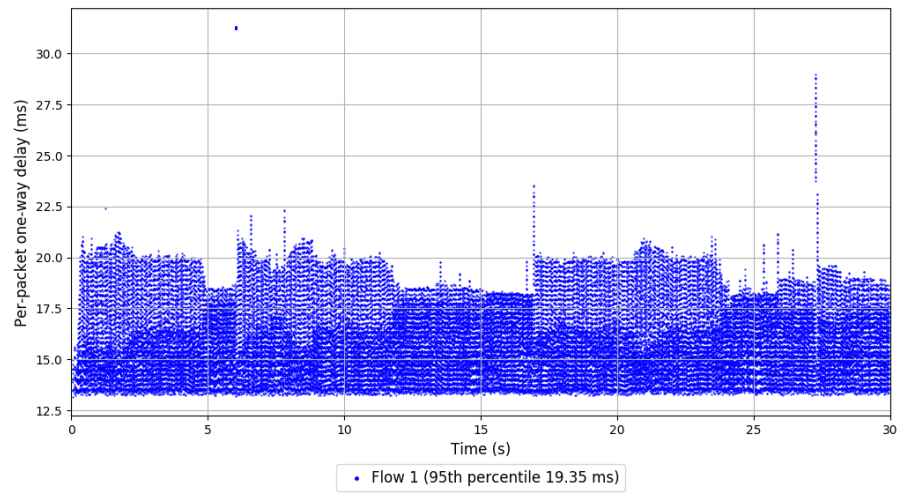
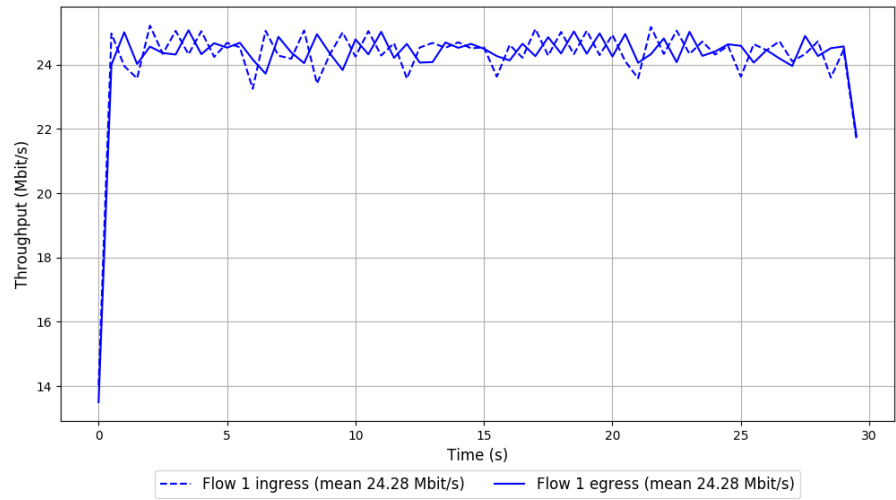
-- Flow 1:

Average throughput: 24.28 Mbit/s

95th percentile per-packet one-way delay: 19.353 ms

Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

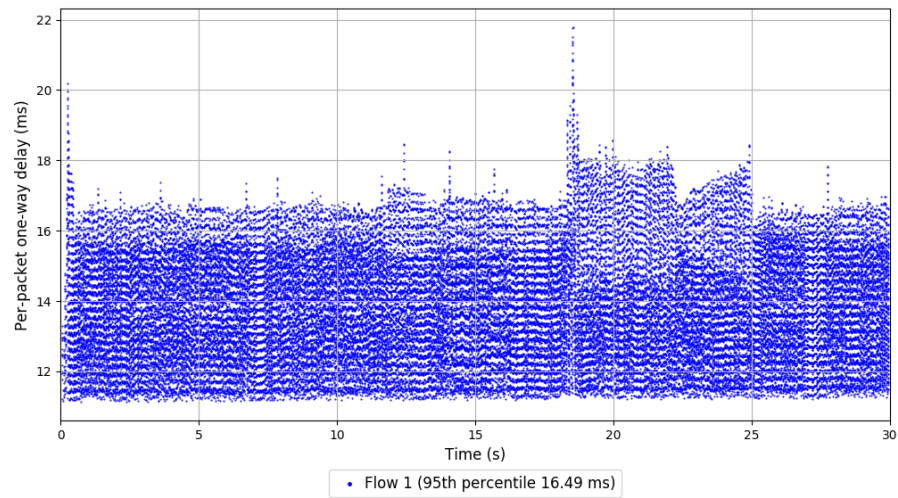
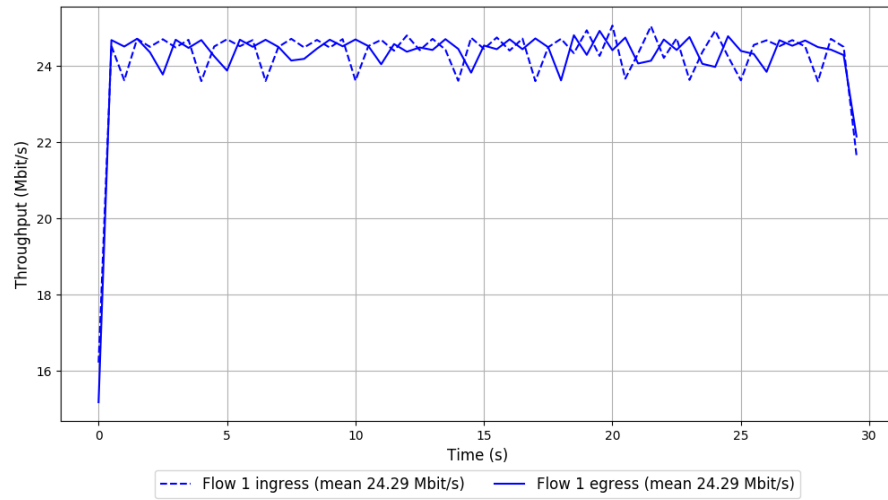


Run 9: Statistics of Sprout

Start at: 2018-03-06 05:04:19
End at: 2018-03-06 05:04:49
Local clock offset: 1.502 ms
Remote clock offset: -0.883 ms

Below is generated by plot.py at 2018-03-06 06:13:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 16.486 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 16.486 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

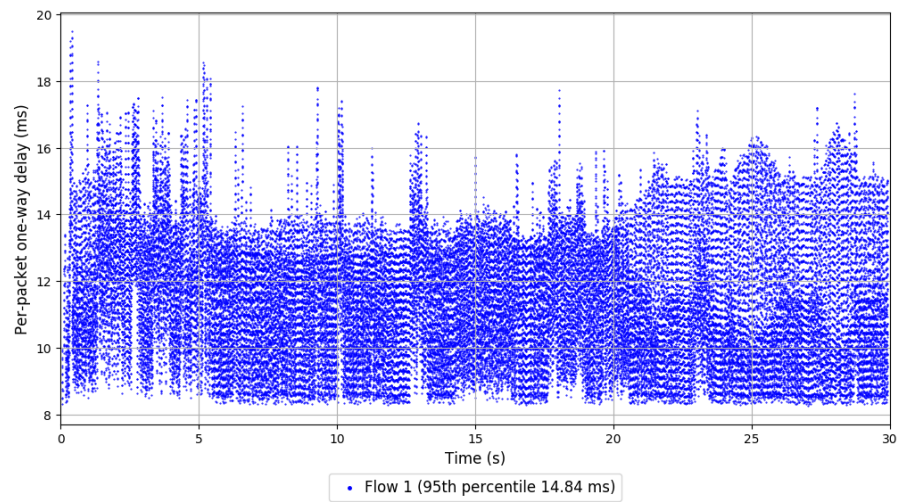
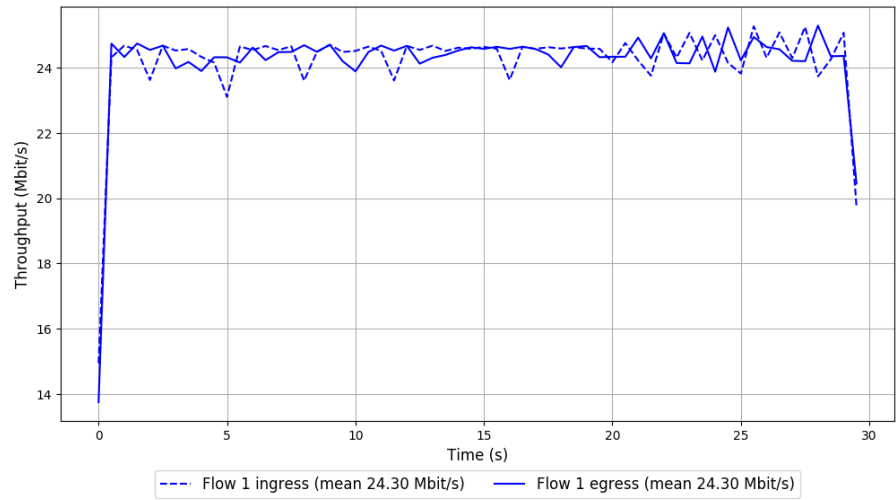


Run 10: Statistics of Sprout

Start at: 2018-03-06 05:26:12
End at: 2018-03-06 05:26:42
Local clock offset: 6.068 ms
Remote clock offset: -0.546 ms

Below is generated by plot.py at 2018-03-06 06:13:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.30 Mbit/s
95th percentile per-packet one-way delay: 14.835 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.30 Mbit/s
95th percentile per-packet one-way delay: 14.835 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-03-06 02:02:37

End at: 2018-03-06 02:03:07

Local clock offset: 0.028 ms

Remote clock offset: -2.989 ms

Below is generated by plot.py at 2018-03-06 06:15:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.96 Mbit/s

95th percentile per-packet one-way delay: 16.958 ms

Loss rate: 0.00%

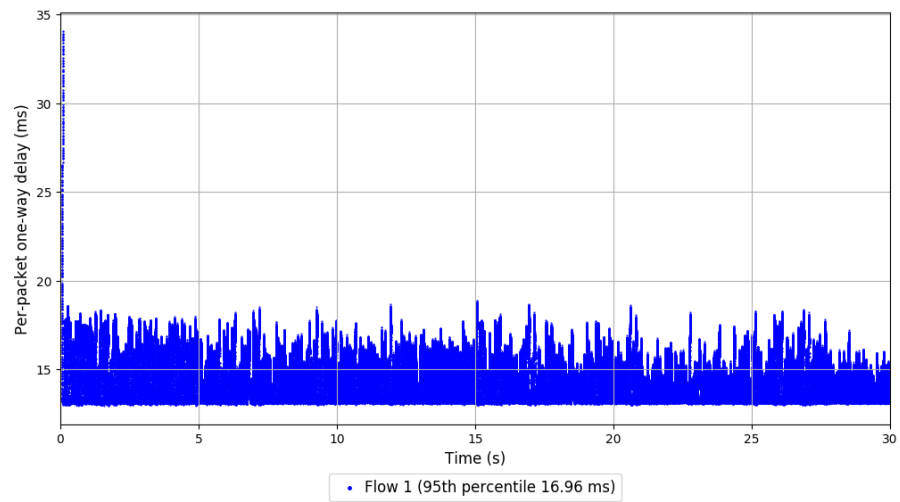
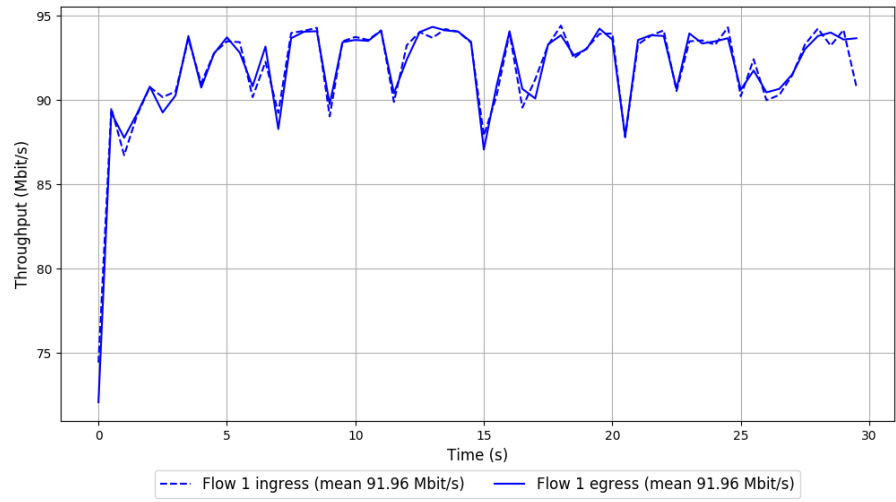
-- Flow 1:

Average throughput: 91.96 Mbit/s

95th percentile per-packet one-way delay: 16.958 ms

Loss rate: 0.00%

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-03-06 02:23:30

End at: 2018-03-06 02:24:00

Local clock offset: 4.066 ms

Remote clock offset: 1.464 ms

Below is generated by plot.py at 2018-03-06 06:15:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.04 Mbit/s

95th percentile per-packet one-way delay: 12.391 ms

Loss rate: 0.00%

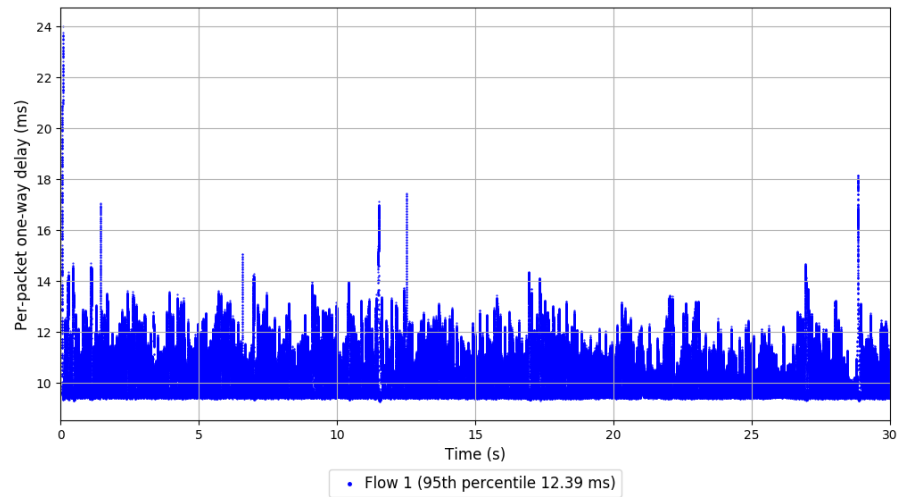
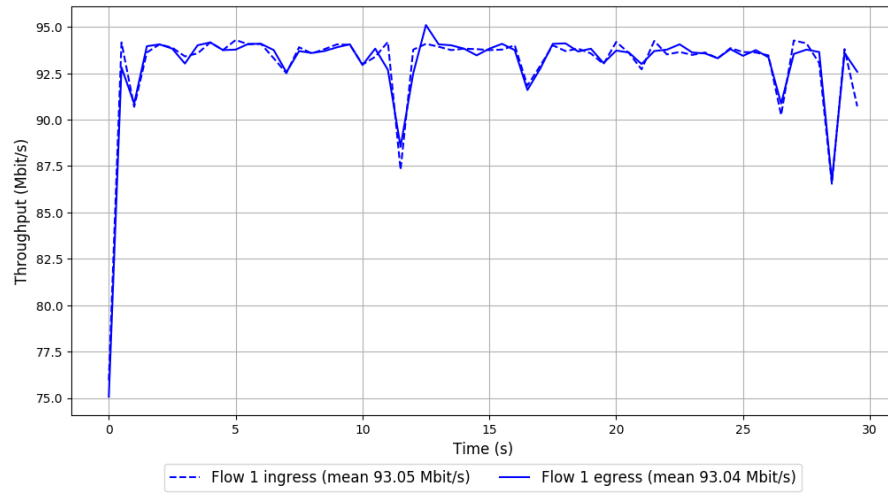
-- Flow 1:

Average throughput: 93.04 Mbit/s

95th percentile per-packet one-way delay: 12.391 ms

Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-03-06 02:44:37

End at: 2018-03-06 02:45:07

Local clock offset: 2.953 ms

Remote clock offset: 0.293 ms

Below is generated by plot.py at 2018-03-06 06:15:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.76 Mbit/s

95th percentile per-packet one-way delay: 15.220 ms

Loss rate: 0.00%

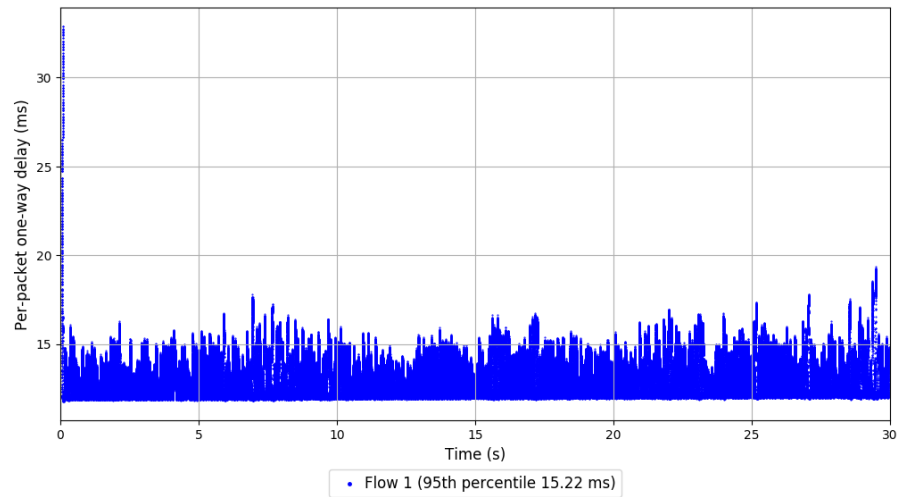
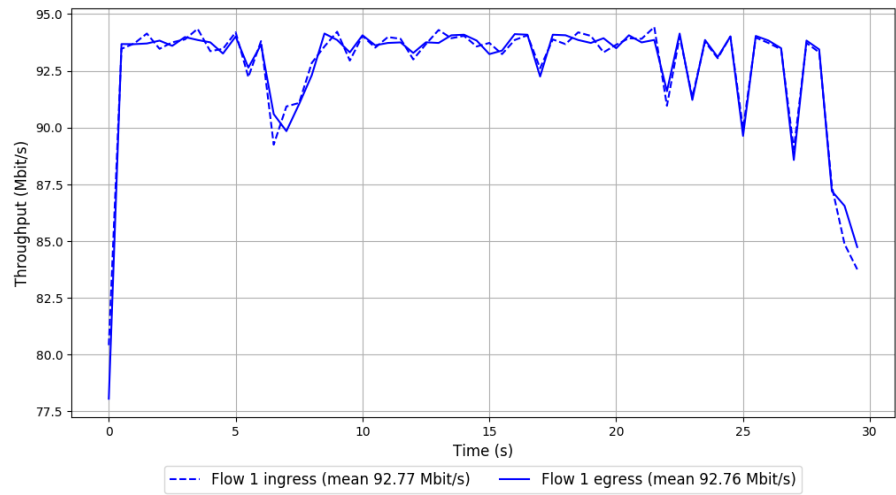
-- Flow 1:

Average throughput: 92.76 Mbit/s

95th percentile per-packet one-way delay: 15.220 ms

Loss rate: 0.00%

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

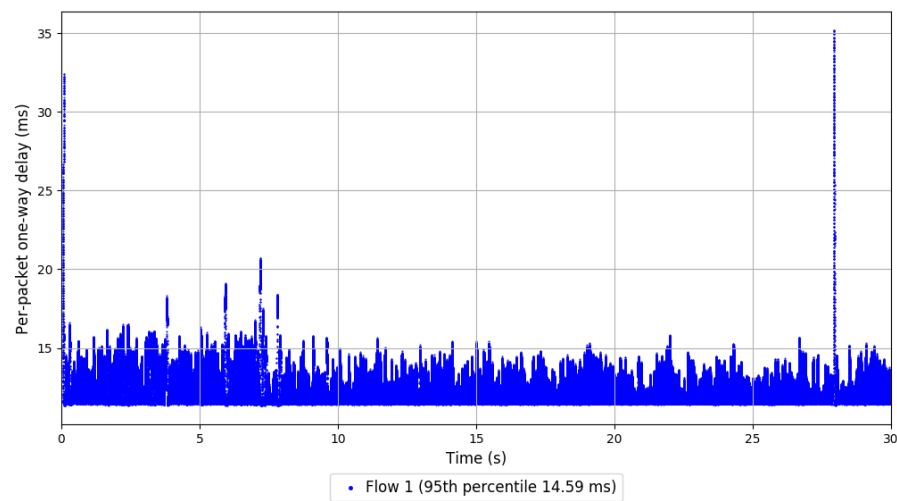
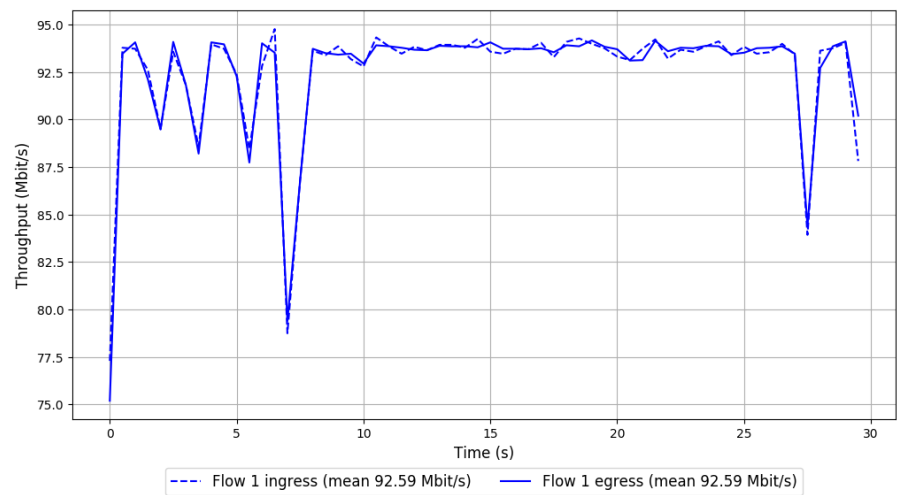


Run 4: Statistics of TaoVA-100x

Start at: 2018-03-06 03:05:41
End at: 2018-03-06 03:06:11
Local clock offset: 2.78 ms
Remote clock offset: -2.204 ms

Below is generated by plot.py at 2018-03-06 06:15:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.59 Mbit/s
95th percentile per-packet one-way delay: 14.592 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.59 Mbit/s
95th percentile per-packet one-way delay: 14.592 ms
Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-03-06 03:26:50

End at: 2018-03-06 03:27:20

Local clock offset: 3.388 ms

Remote clock offset: 2.565 ms

Below is generated by plot.py at 2018-03-06 06:15:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.38 Mbit/s

95th percentile per-packet one-way delay: 15.551 ms

Loss rate: 0.00%

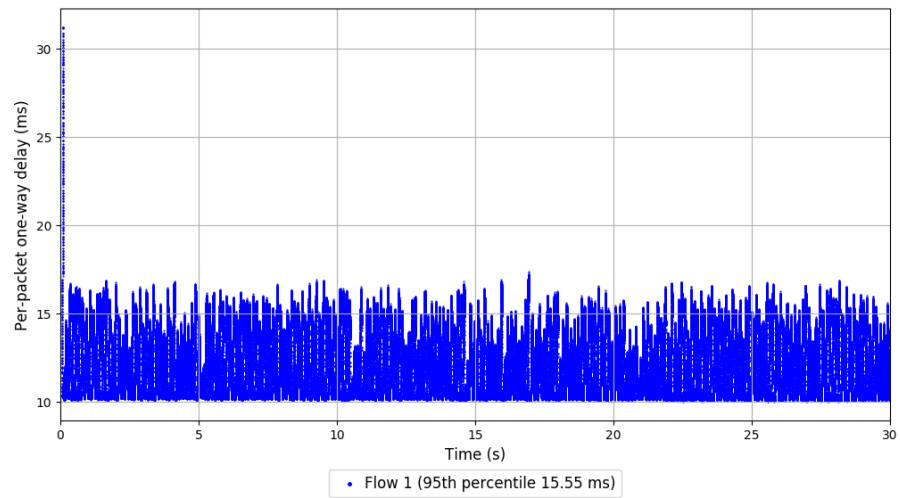
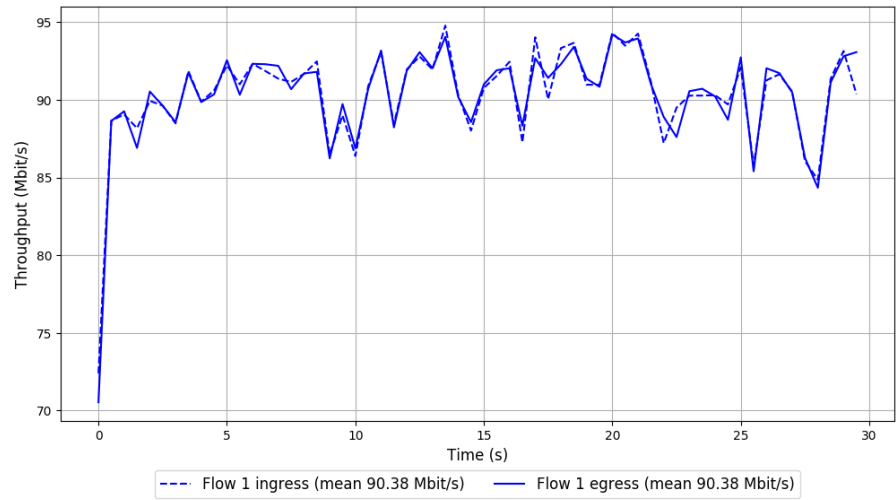
-- Flow 1:

Average throughput: 90.38 Mbit/s

95th percentile per-packet one-way delay: 15.551 ms

Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-03-06 03:47:58

End at: 2018-03-06 03:48:28

Local clock offset: 3.17 ms

Remote clock offset: 4.937 ms

Below is generated by plot.py at 2018-03-06 06:15:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.12 Mbit/s

95th percentile per-packet one-way delay: 17.195 ms

Loss rate: 0.00%

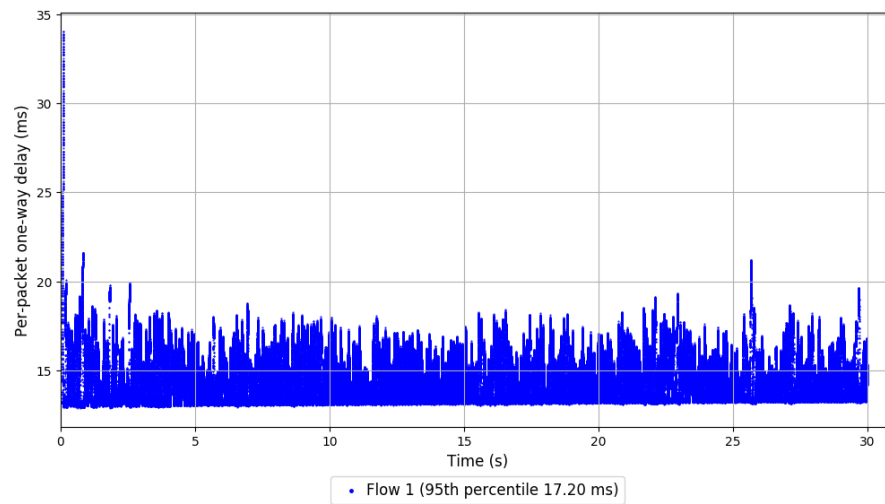
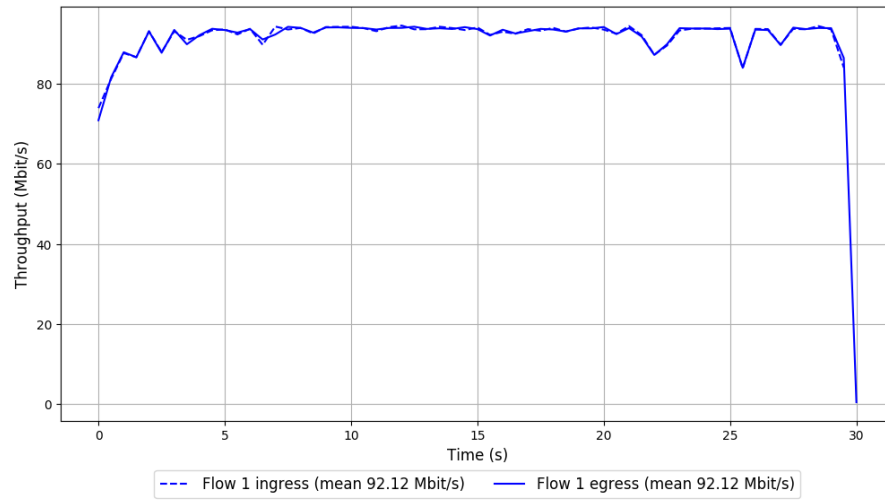
-- Flow 1:

Average throughput: 92.12 Mbit/s

95th percentile per-packet one-way delay: 17.195 ms

Loss rate: 0.00%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-03-06 04:09:27

End at: 2018-03-06 04:09:57

Local clock offset: 3.498 ms

Remote clock offset: 1.543 ms

Below is generated by plot.py at 2018-03-06 06:15:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.64 Mbit/s

95th percentile per-packet one-way delay: 13.304 ms

Loss rate: 0.00%

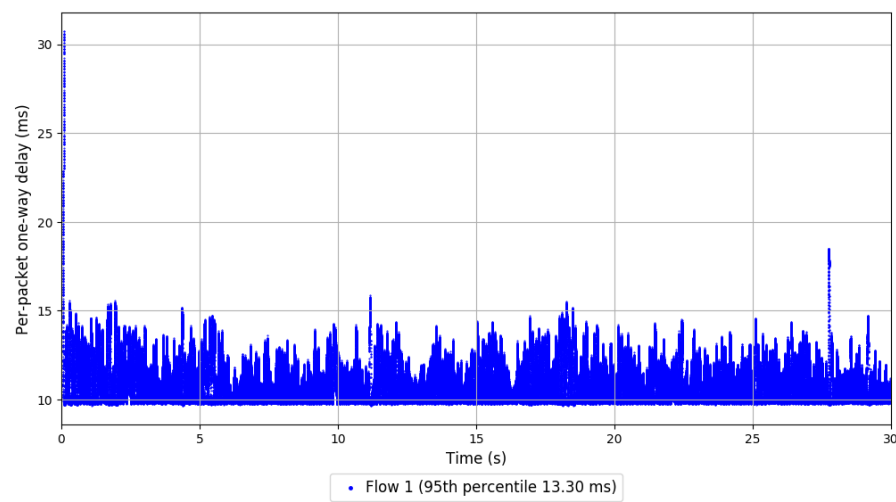
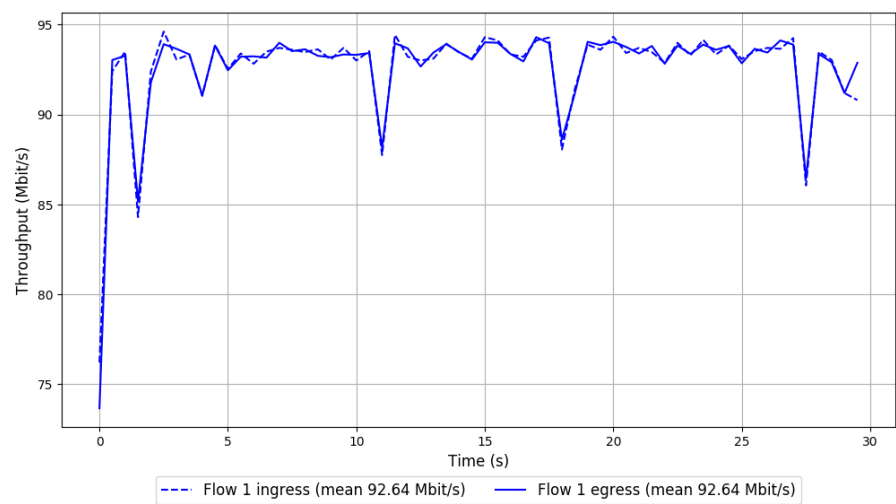
-- Flow 1:

Average throughput: 92.64 Mbit/s

95th percentile per-packet one-way delay: 13.304 ms

Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-03-06 04:31:01

End at: 2018-03-06 04:31:31

Local clock offset: 2.789 ms

Remote clock offset: 1.297 ms

Below is generated by plot.py at 2018-03-06 06:15:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.82 Mbit/s

95th percentile per-packet one-way delay: 13.702 ms

Loss rate: 0.00%

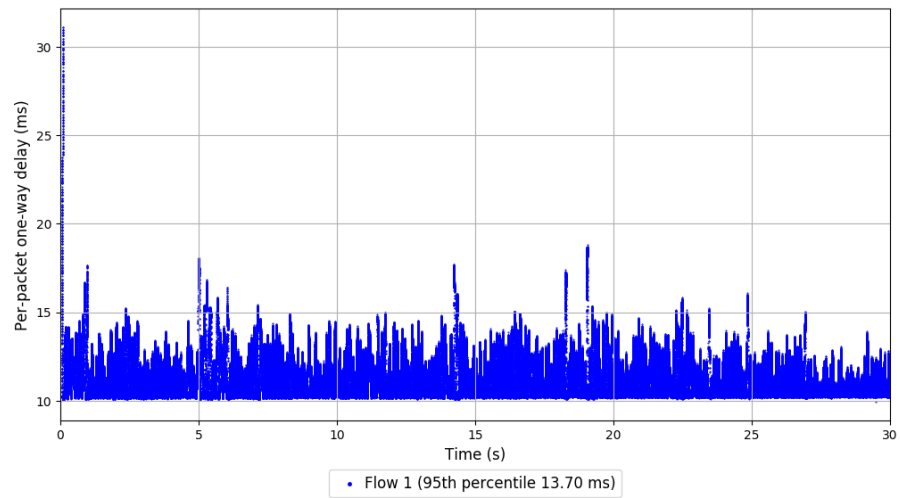
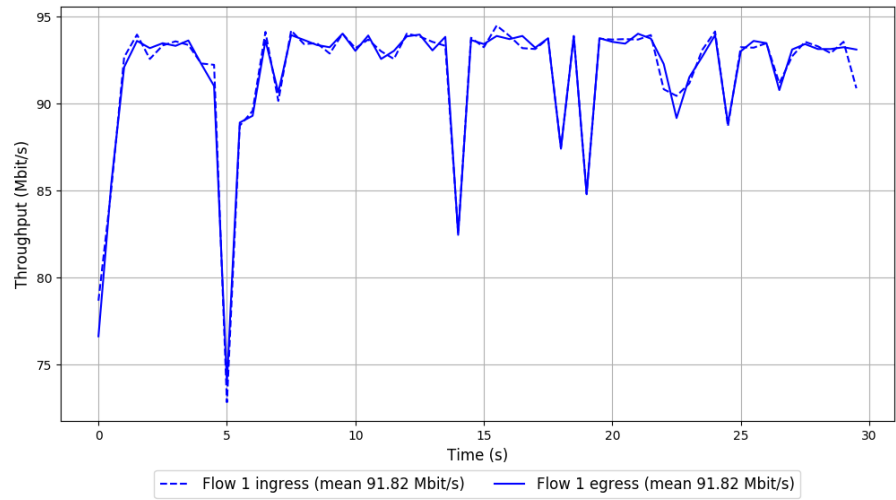
-- Flow 1:

Average throughput: 91.82 Mbit/s

95th percentile per-packet one-way delay: 13.702 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-03-06 04:53:17

End at: 2018-03-06 04:53:47

Local clock offset: 4.252 ms

Remote clock offset: 0.944 ms

Below is generated by plot.py at 2018-03-06 06:17:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.89 Mbit/s

95th percentile per-packet one-way delay: 14.170 ms

Loss rate: 0.02%

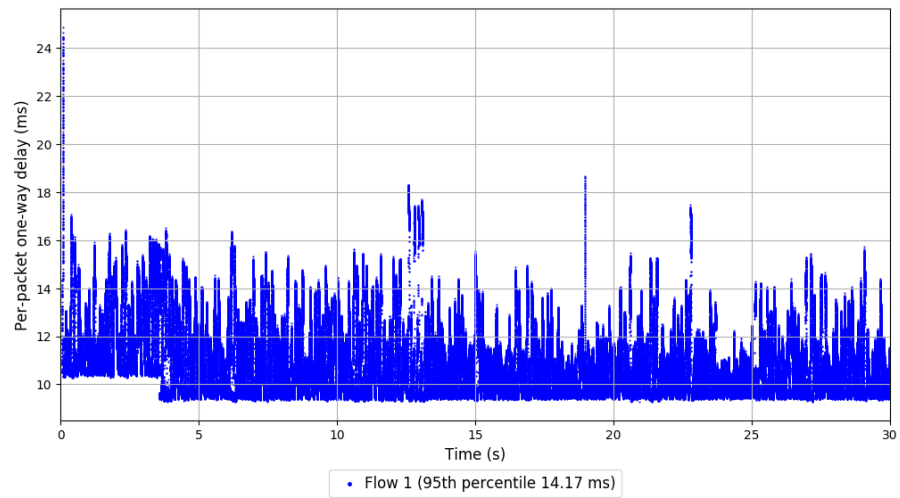
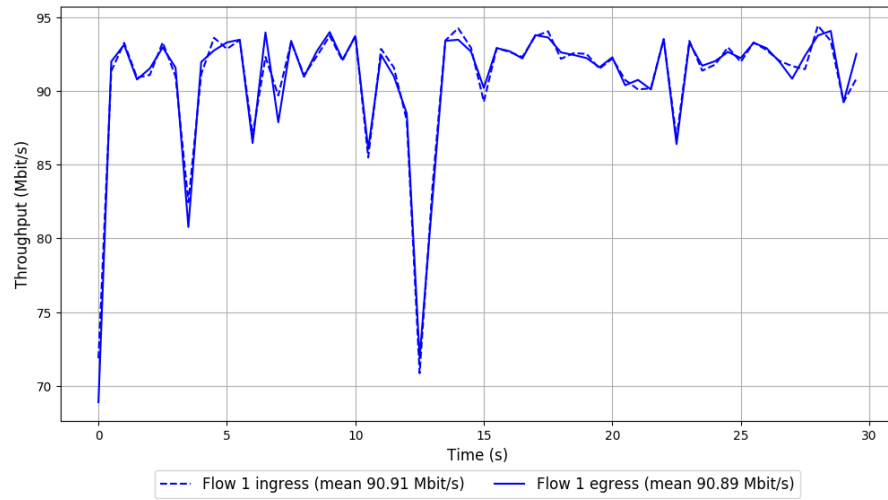
-- Flow 1:

Average throughput: 90.89 Mbit/s

95th percentile per-packet one-way delay: 14.170 ms

Loss rate: 0.02%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-03-06 05:15:12

End at: 2018-03-06 05:15:42

Local clock offset: 4.619 ms

Remote clock offset: -0.198 ms

Below is generated by plot.py at 2018-03-06 06:17:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.03 Mbit/s

95th percentile per-packet one-way delay: 14.071 ms

Loss rate: 0.00%

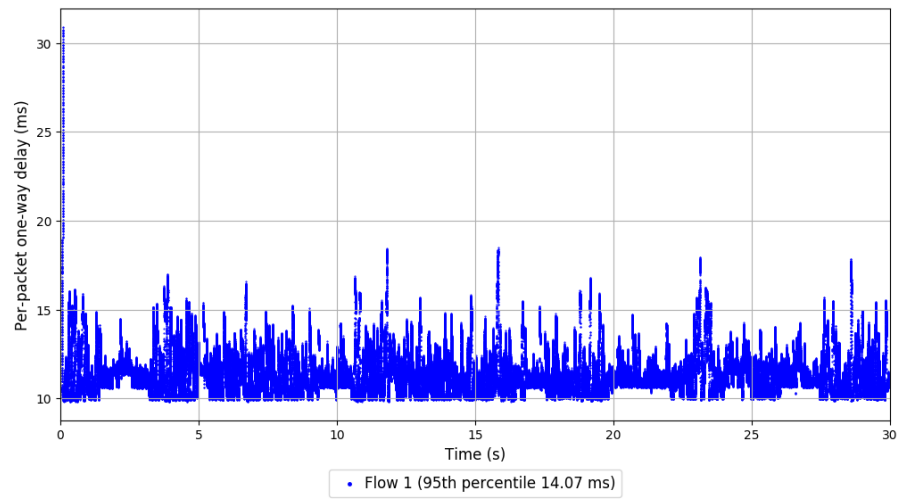
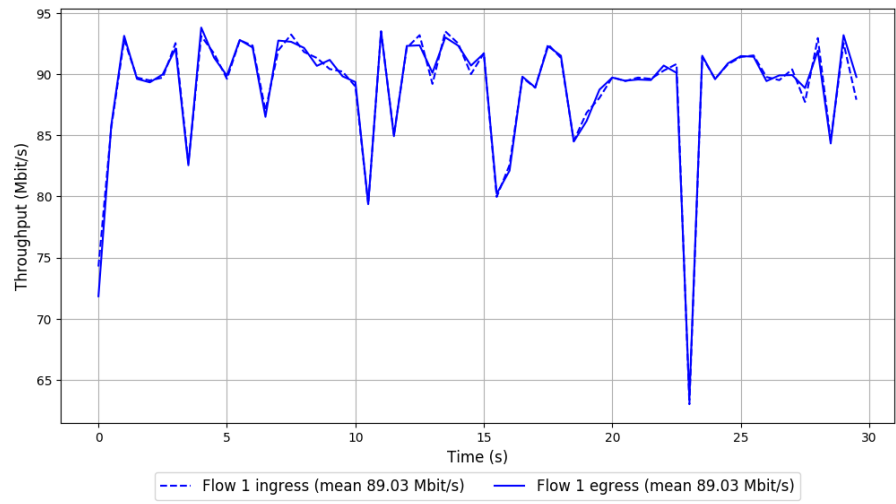
-- Flow 1:

Average throughput: 89.03 Mbit/s

95th percentile per-packet one-way delay: 14.071 ms

Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-03-06 02:15:26

End at: 2018-03-06 02:15:56

Local clock offset: 3.453 ms

Remote clock offset: 0.809 ms

Below is generated by plot.py at 2018-03-06 06:17:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 97.03 Mbit/s

95th percentile per-packet one-way delay: 17.428 ms

Loss rate: 0.00%

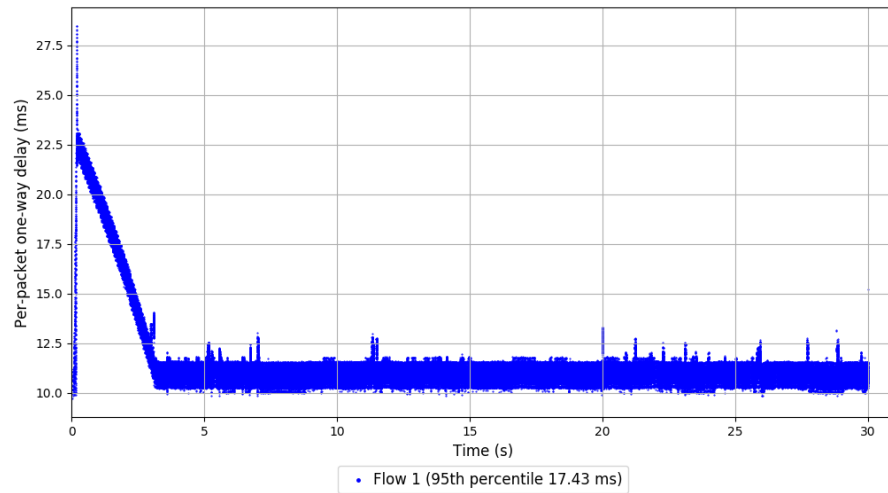
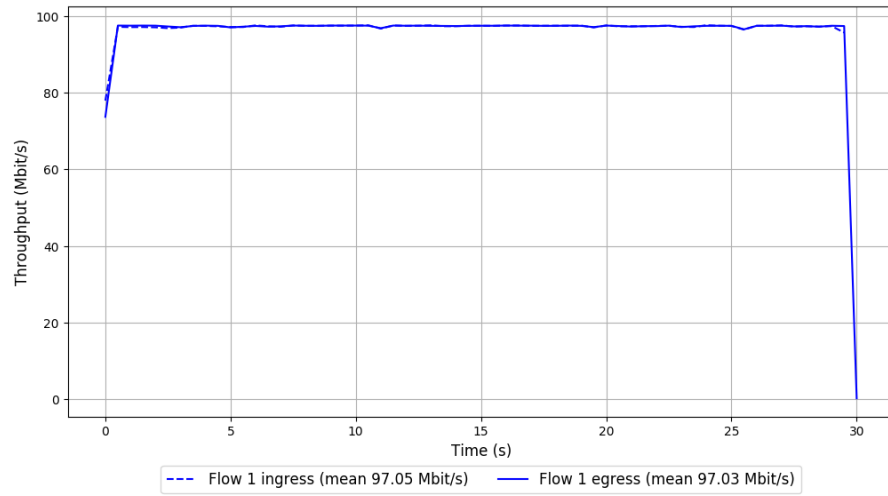
-- Flow 1:

Average throughput: 97.03 Mbit/s

95th percentile per-packet one-way delay: 17.428 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2018-03-06 02:36:22

End at: 2018-03-06 02:36:52

Local clock offset: 3.353 ms

Remote clock offset: 2.668 ms

Below is generated by plot.py at 2018-03-06 06:17:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.28 Mbit/s

95th percentile per-packet one-way delay: 15.326 ms

Loss rate: 0.49%

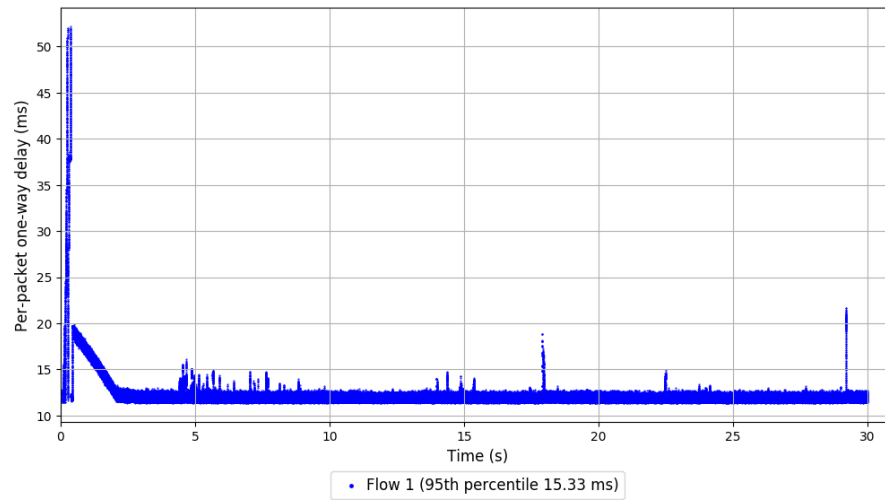
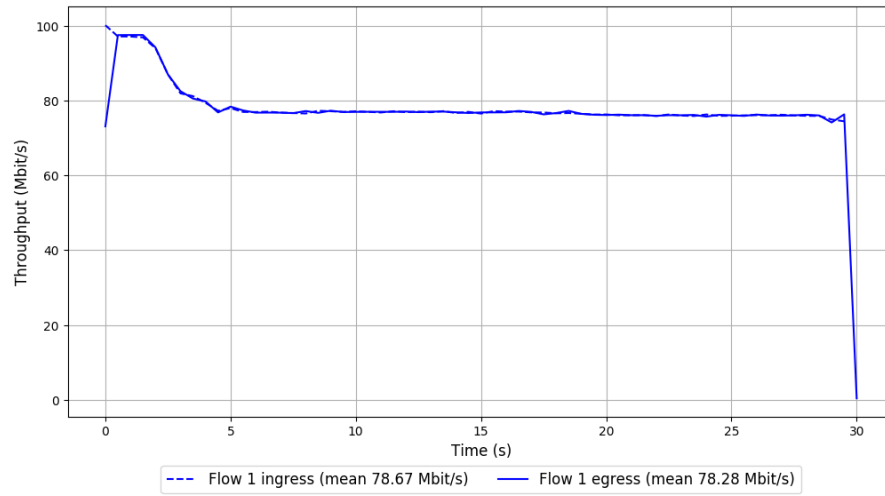
-- Flow 1:

Average throughput: 78.28 Mbit/s

95th percentile per-packet one-way delay: 15.326 ms

Loss rate: 0.49%

Run 2: Report of TCP Vegas — Data Link

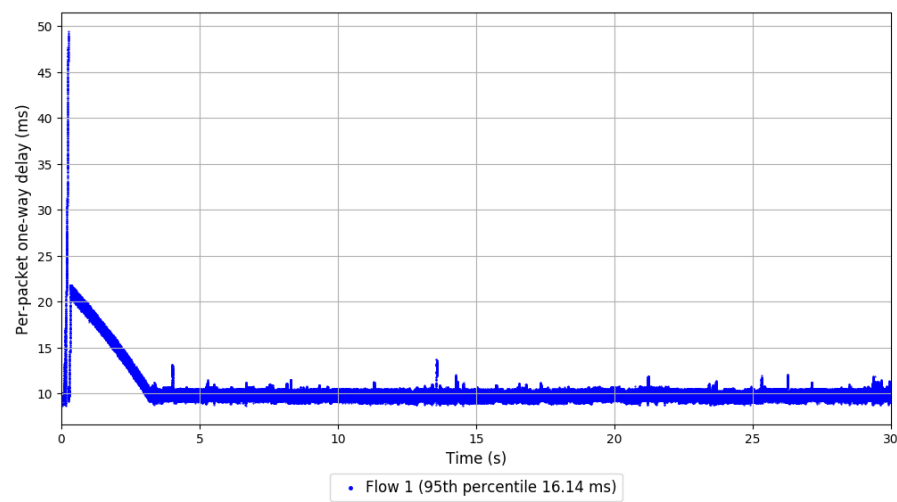
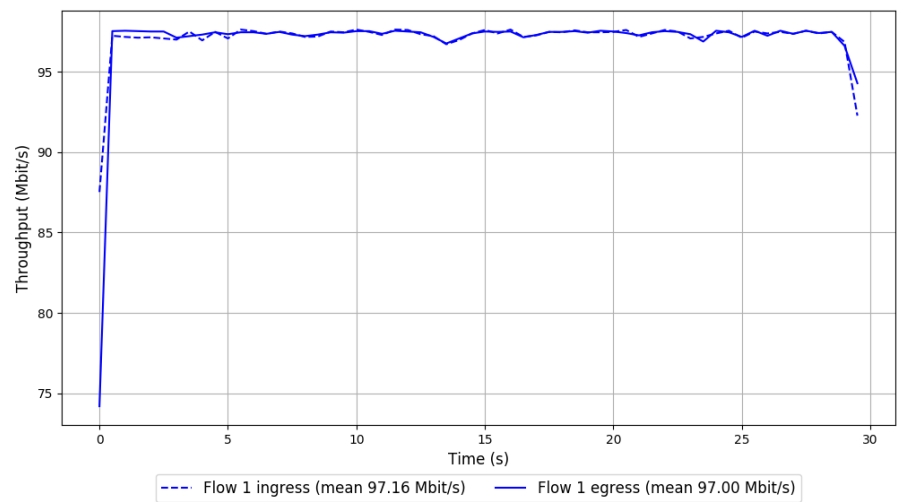


Run 3: Statistics of TCP Vegas

Start at: 2018-03-06 02:57:37
End at: 2018-03-06 02:58:07
Local clock offset: 4.718 ms
Remote clock offset: -2.269 ms

Below is generated by plot.py at 2018-03-06 06:17:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: 16.142 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: 16.142 ms
Loss rate: 0.16%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2018-03-06 03:18:35

End at: 2018-03-06 03:19:05

Local clock offset: 3.707 ms

Remote clock offset: 0.806 ms

Below is generated by plot.py at 2018-03-06 06:17:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 47.41 Mbit/s

95th percentile per-packet one-way delay: 20.225 ms

Loss rate: 0.00%

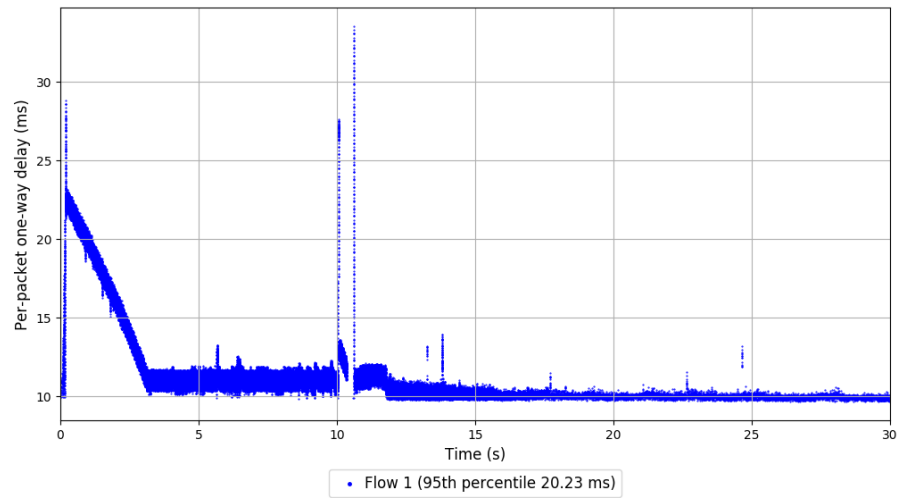
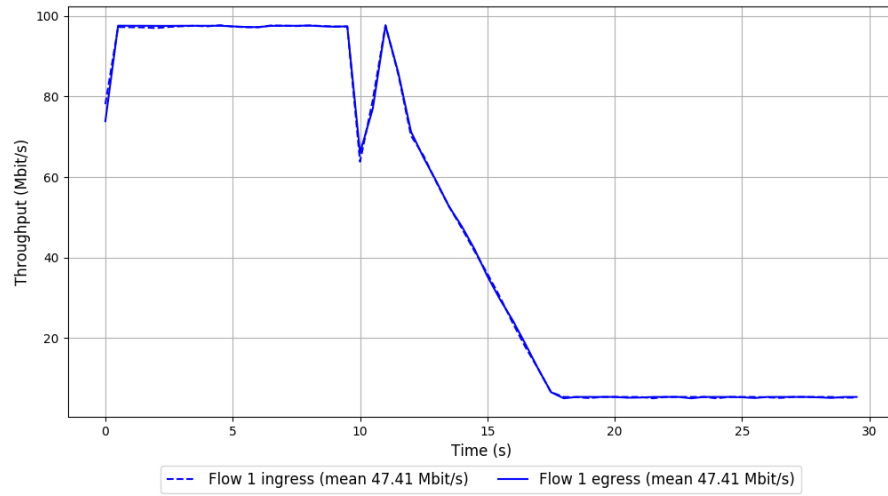
-- Flow 1:

Average throughput: 47.41 Mbit/s

95th percentile per-packet one-way delay: 20.225 ms

Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-03-06 03:39:51

End at: 2018-03-06 03:40:21

Local clock offset: 4.766 ms

Remote clock offset: 4.662 ms

Below is generated by plot.py at 2018-03-06 06:17:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.83 Mbit/s

95th percentile per-packet one-way delay: 15.419 ms

Loss rate: 0.00%

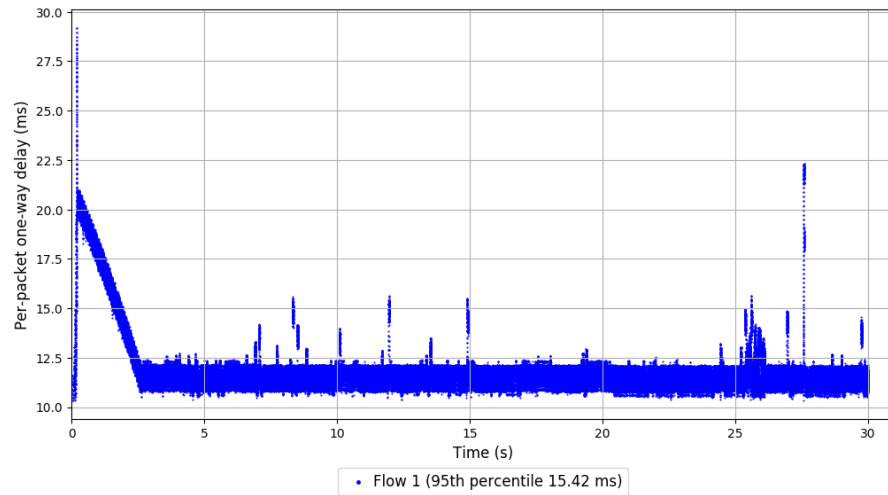
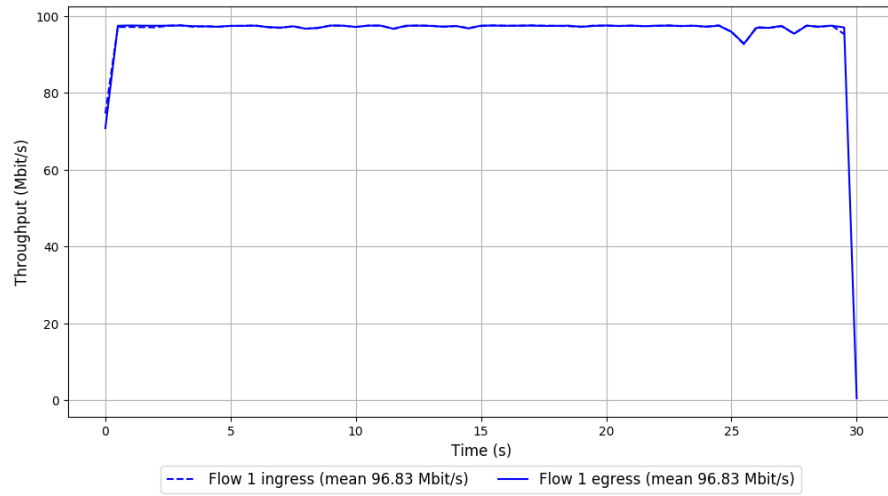
-- Flow 1:

Average throughput: 96.83 Mbit/s

95th percentile per-packet one-way delay: 15.419 ms

Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-03-06 04:01:10

End at: 2018-03-06 04:01:40

Local clock offset: 3.019 ms

Remote clock offset: 0.985 ms

Below is generated by plot.py at 2018-03-06 06:17:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.35 Mbit/s

95th percentile per-packet one-way delay: 13.020 ms

Loss rate: 0.40%

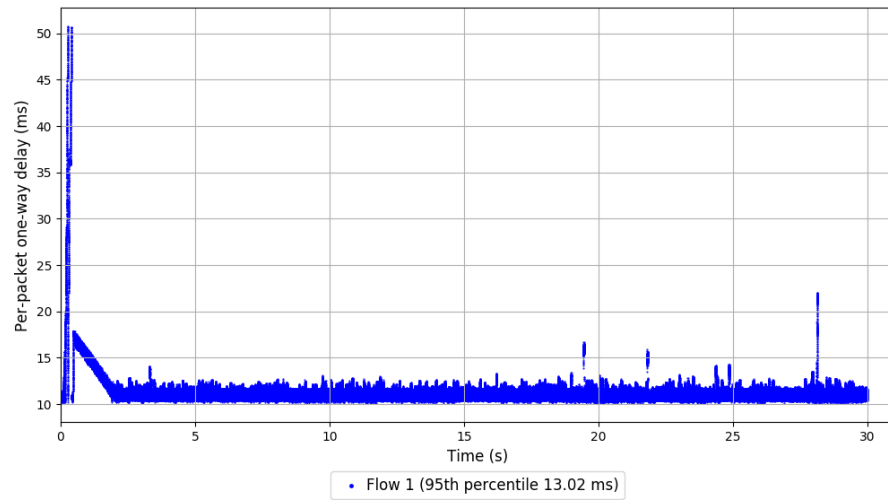
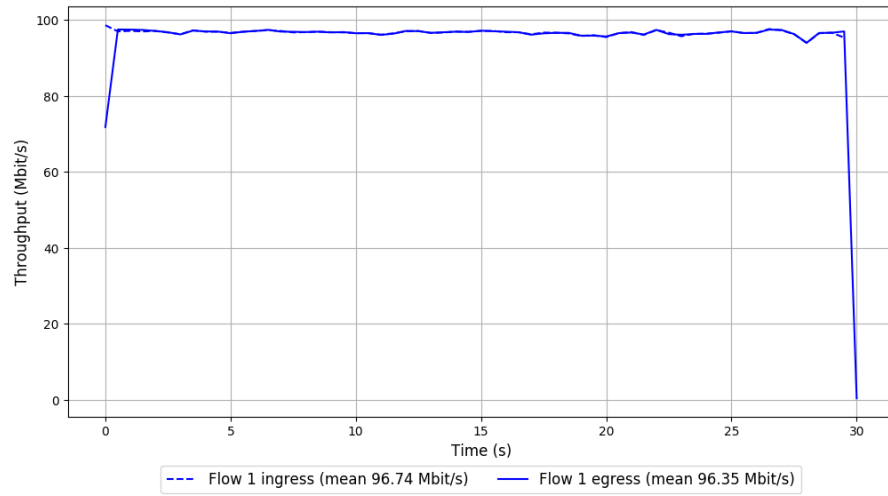
-- Flow 1:

Average throughput: 96.35 Mbit/s

95th percentile per-packet one-way delay: 13.020 ms

Loss rate: 0.40%

Run 6: Report of TCP Vegas — Data Link



Run 7: Statistics of TCP Vegas

Start at: 2018-03-06 04:22:40

End at: 2018-03-06 04:23:10

Local clock offset: 0.401 ms

Remote clock offset: 1.127 ms

Below is generated by plot.py at 2018-03-06 06:17:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.46 Mbit/s

95th percentile per-packet one-way delay: 17.580 ms

Loss rate: 0.16%

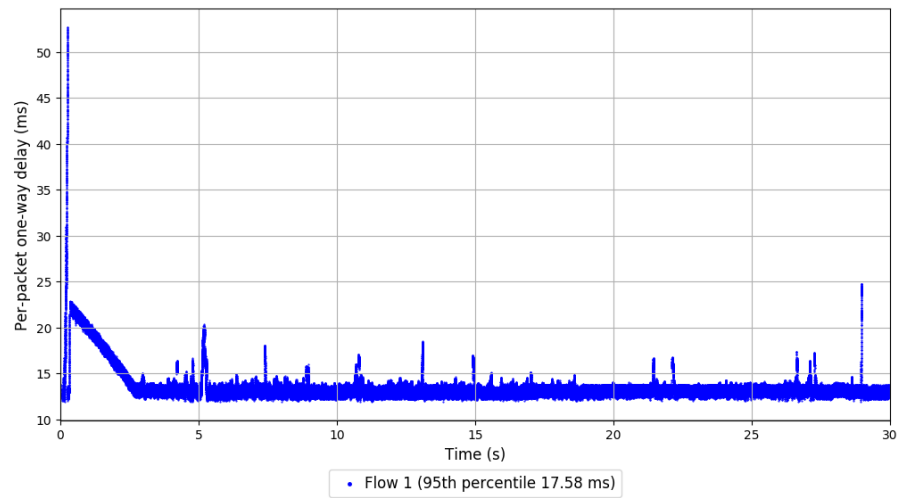
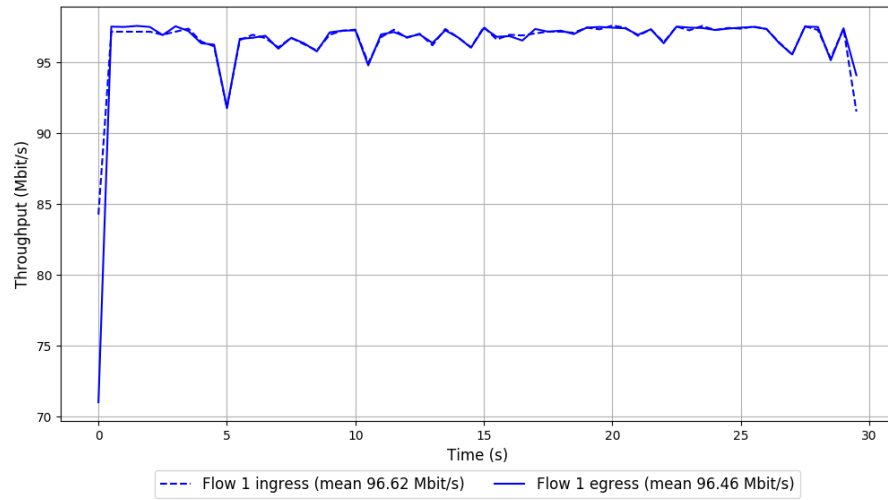
-- Flow 1:

Average throughput: 96.46 Mbit/s

95th percentile per-packet one-way delay: 17.580 ms

Loss rate: 0.16%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-03-06 04:44:34

End at: 2018-03-06 04:45:04

Local clock offset: 4.285 ms

Remote clock offset: 0.935 ms

Below is generated by plot.py at 2018-03-06 06:18:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 94.53 Mbit/s

95th percentile per-packet one-way delay: 13.317 ms

Loss rate: 0.00%

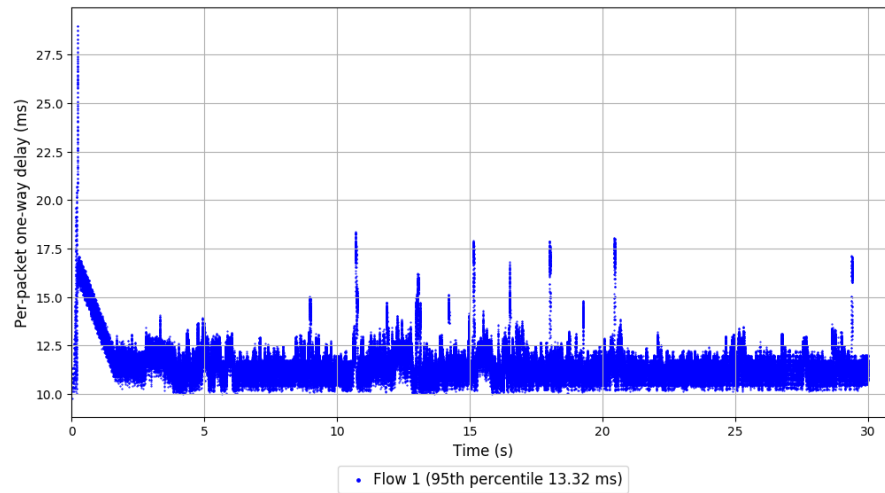
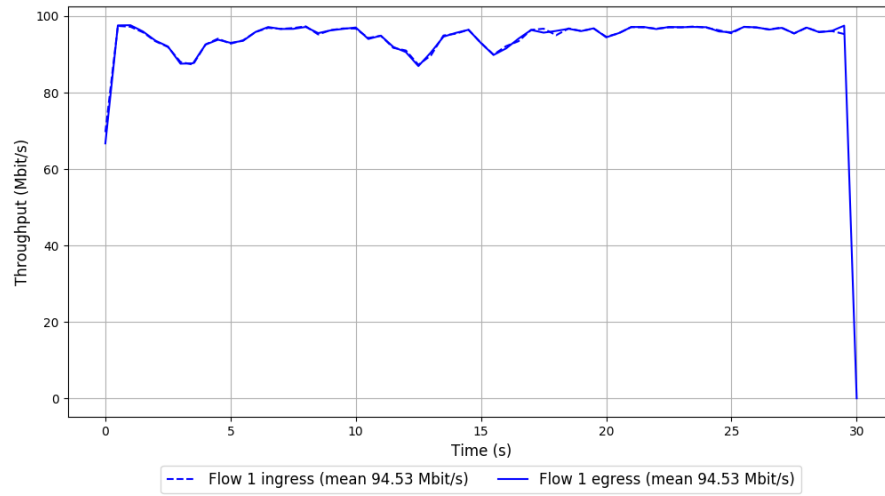
-- Flow 1:

Average throughput: 94.53 Mbit/s

95th percentile per-packet one-way delay: 13.317 ms

Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-03-06 05:06:51

End at: 2018-03-06 05:07:21

Local clock offset: 4.192 ms

Remote clock offset: 0.619 ms

Below is generated by plot.py at 2018-03-06 06:18:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 66.89 Mbit/s

95th percentile per-packet one-way delay: 15.856 ms

Loss rate: 0.22%

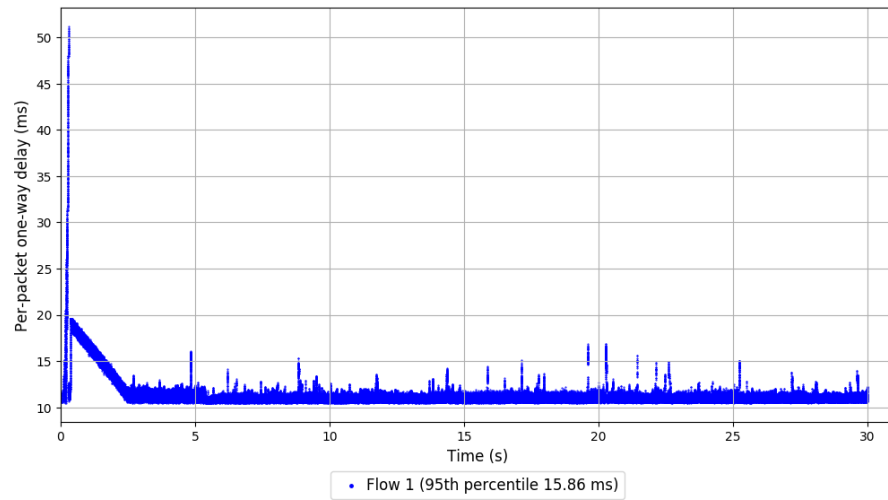
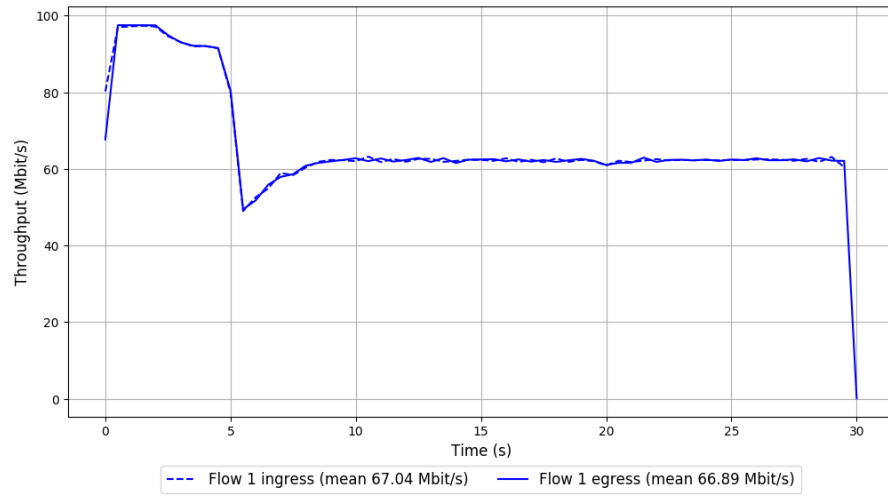
-- Flow 1:

Average throughput: 66.89 Mbit/s

95th percentile per-packet one-way delay: 15.856 ms

Loss rate: 0.22%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-03-06 05:28:32

End at: 2018-03-06 05:29:02

Local clock offset: 4.929 ms

Remote clock offset: -0.409 ms

Below is generated by plot.py at 2018-03-06 06:18:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.29 Mbit/s

95th percentile per-packet one-way delay: 12.349 ms

Loss rate: 0.00%

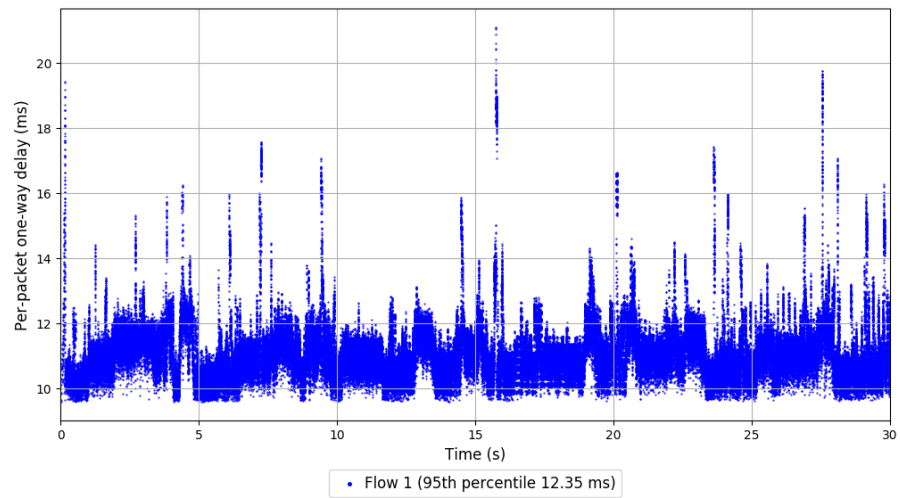
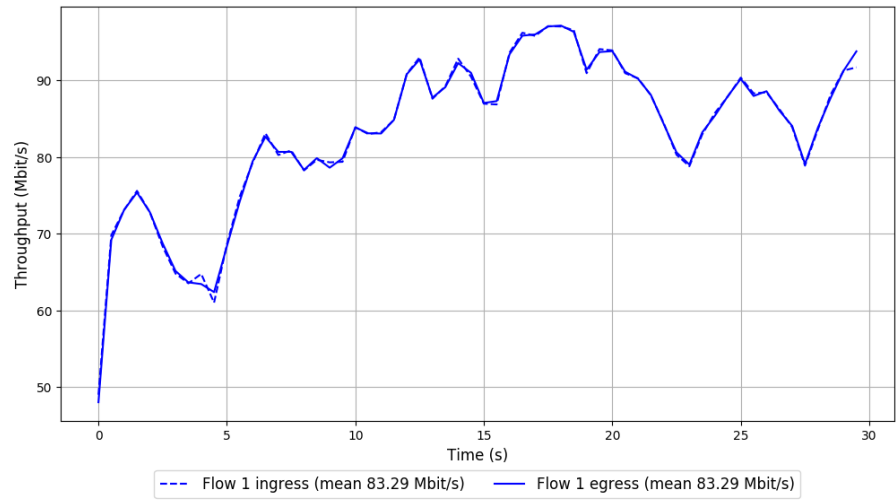
-- Flow 1:

Average throughput: 83.29 Mbit/s

95th percentile per-packet one-way delay: 12.349 ms

Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

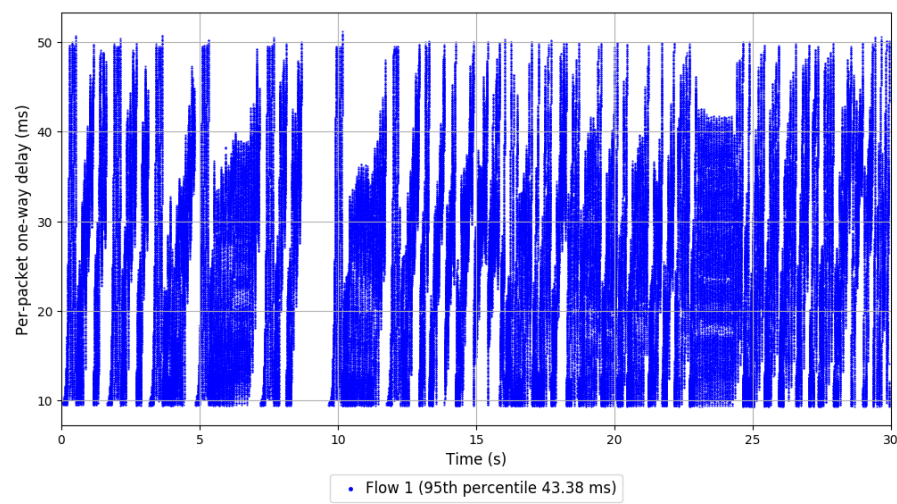
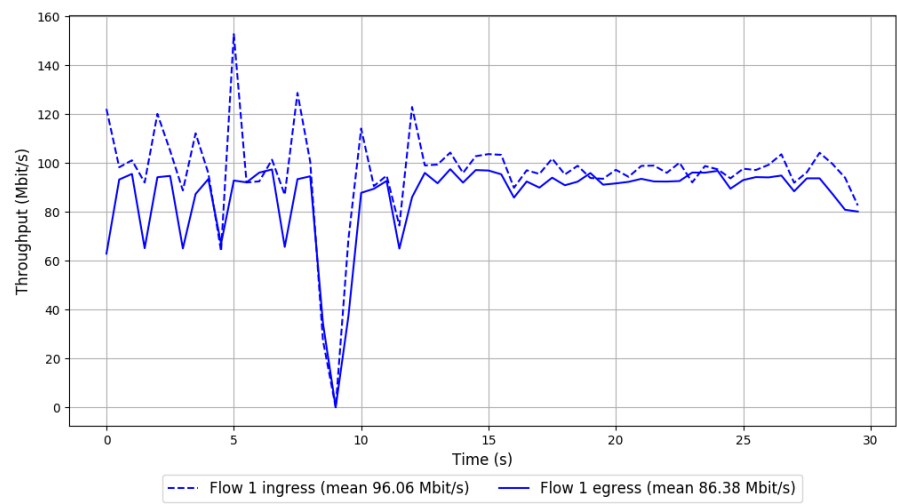


Run 1: Statistics of Verus

Start at: 2018-03-06 02:09:31
End at: 2018-03-06 02:10:01
Local clock offset: 1.549 ms
Remote clock offset: -2.319 ms

Below is generated by plot.py at 2018-03-06 06:18:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.38 Mbit/s
95th percentile per-packet one-way delay: 43.375 ms
Loss rate: 10.06%
-- Flow 1:
Average throughput: 86.38 Mbit/s
95th percentile per-packet one-way delay: 43.375 ms
Loss rate: 10.06%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-03-06 02:30:30

End at: 2018-03-06 02:31:00

Local clock offset: 1.126 ms

Remote clock offset: 1.339 ms

Below is generated by plot.py at 2018-03-06 06:18:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.10 Mbit/s

95th percentile per-packet one-way delay: 47.100 ms

Loss rate: 22.50%

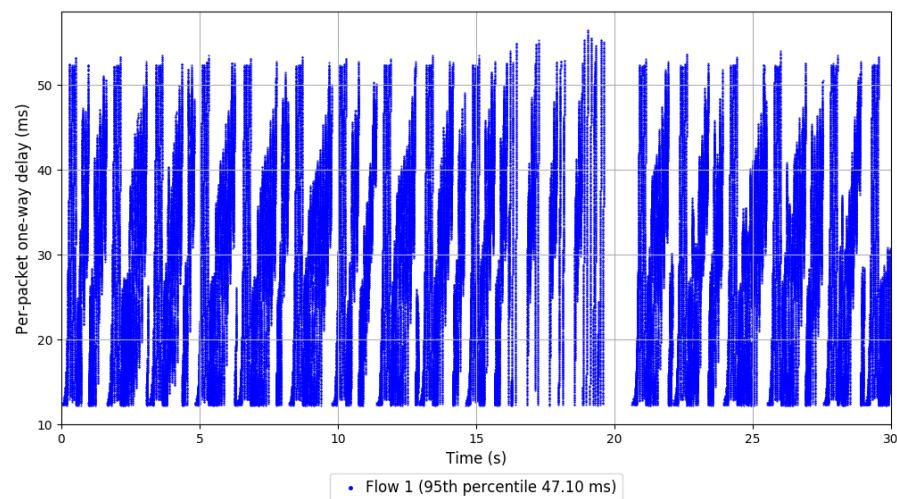
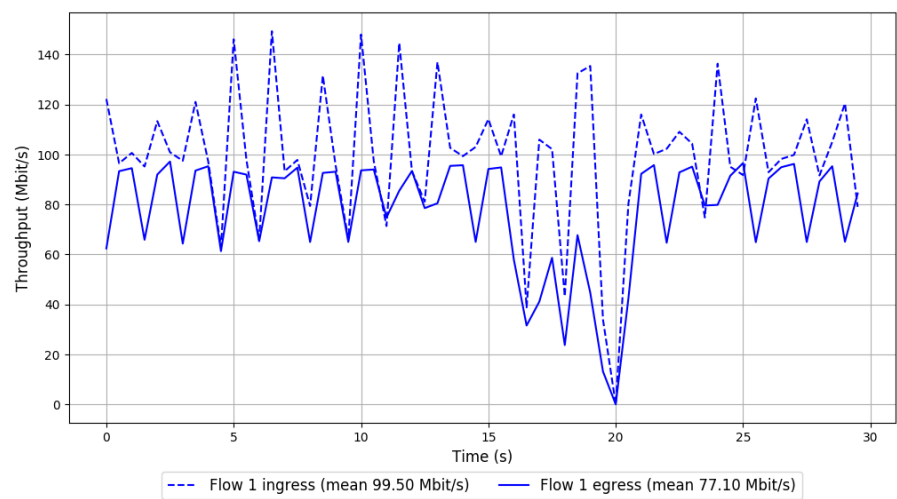
-- Flow 1:

Average throughput: 77.10 Mbit/s

95th percentile per-packet one-way delay: 47.100 ms

Loss rate: 22.50%

Run 2: Report of Verus — Data Link

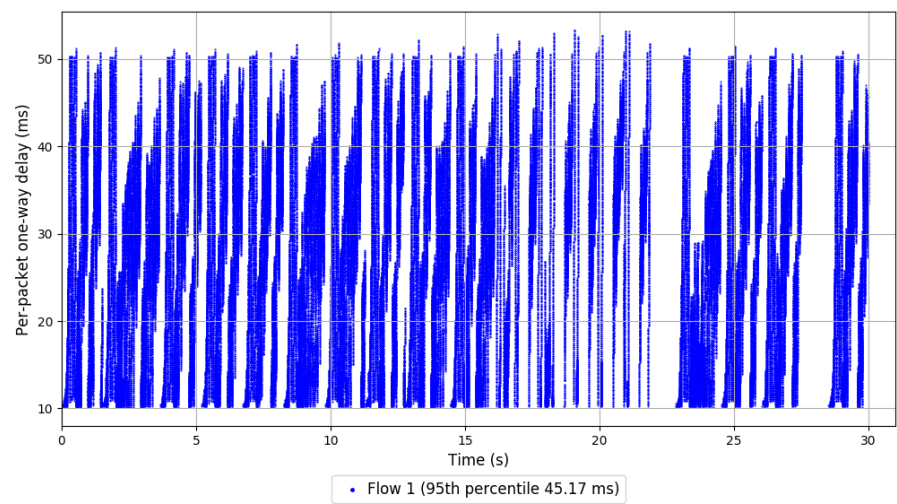
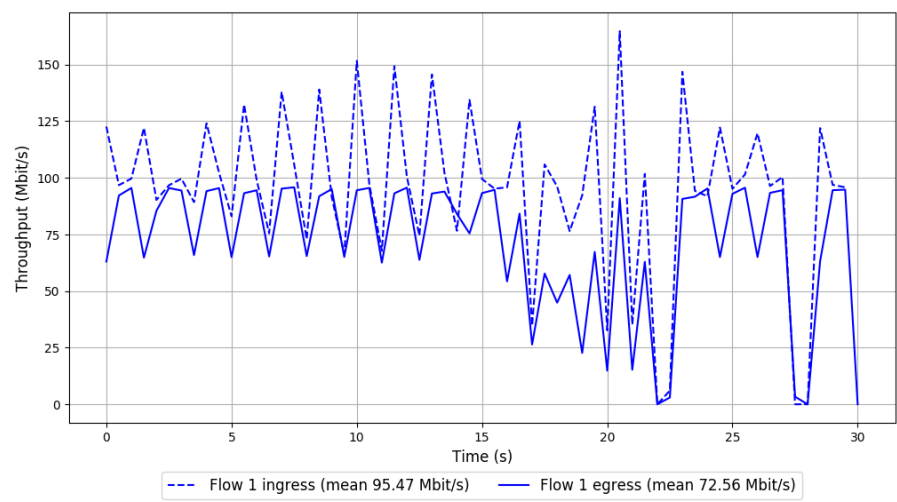


Run 3: Statistics of Verus

Start at: 2018-03-06 02:51:41
End at: 2018-03-06 02:52:11
Local clock offset: 4.03 ms
Remote clock offset: -1.502 ms

Below is generated by plot.py at 2018-03-06 06:18:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.56 Mbit/s
95th percentile per-packet one-way delay: 45.173 ms
Loss rate: 23.91%
-- Flow 1:
Average throughput: 72.56 Mbit/s
95th percentile per-packet one-way delay: 45.173 ms
Loss rate: 23.91%

Run 3: Report of Verus — Data Link

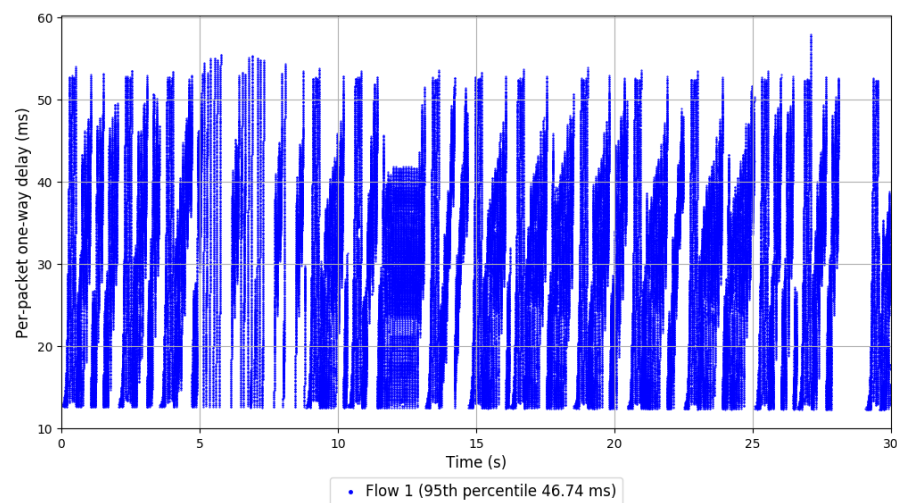
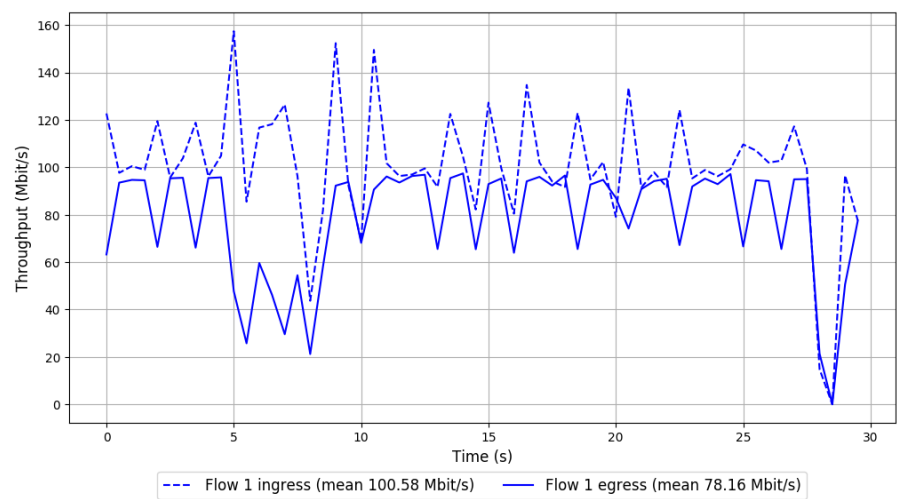


Run 4: Statistics of Verus

Start at: 2018-03-06 03:12:38
End at: 2018-03-06 03:13:08
Local clock offset: 0.854 ms
Remote clock offset: -2.445 ms

Below is generated by plot.py at 2018-03-06 06:18:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.16 Mbit/s
95th percentile per-packet one-way delay: 46.737 ms
Loss rate: 22.28%
-- Flow 1:
Average throughput: 78.16 Mbit/s
95th percentile per-packet one-way delay: 46.737 ms
Loss rate: 22.28%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-03-06 03:33:45

End at: 2018-03-06 03:34:15

Local clock offset: 6.244 ms

Remote clock offset: 5.07 ms

Below is generated by plot.py at 2018-03-06 06:18:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.34 Mbit/s

95th percentile per-packet one-way delay: 45.393 ms

Loss rate: 24.94%

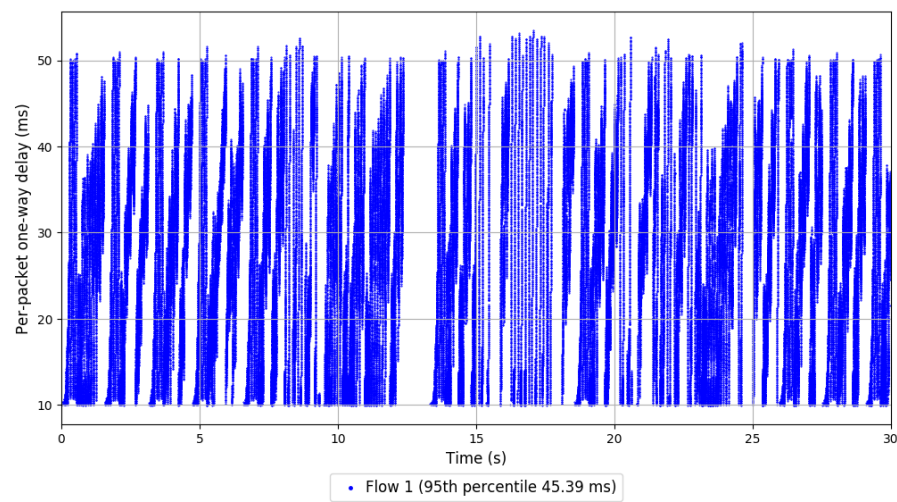
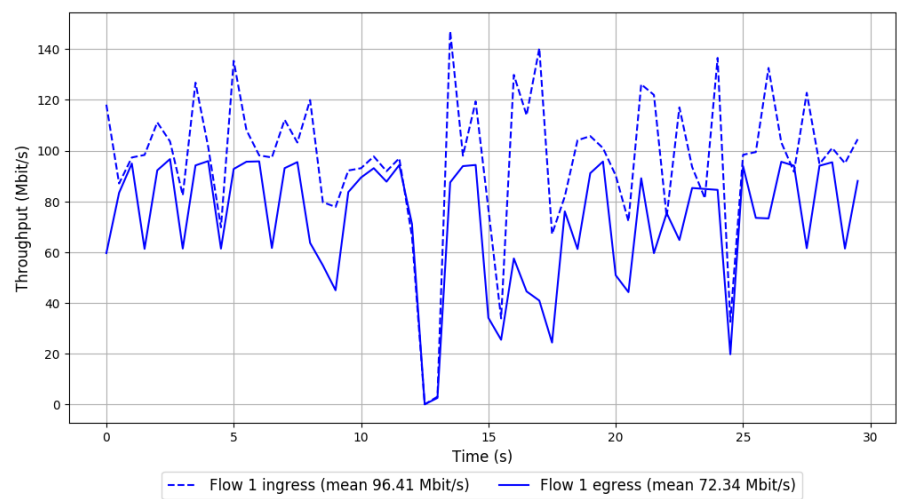
-- Flow 1:

Average throughput: 72.34 Mbit/s

95th percentile per-packet one-way delay: 45.393 ms

Loss rate: 24.94%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-03-06 03:55:09

End at: 2018-03-06 03:55:39

Local clock offset: 5.534 ms

Remote clock offset: 2.462 ms

Below is generated by plot.py at 2018-03-06 06:19:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.06 Mbit/s

95th percentile per-packet one-way delay: 45.768 ms

Loss rate: 22.99%

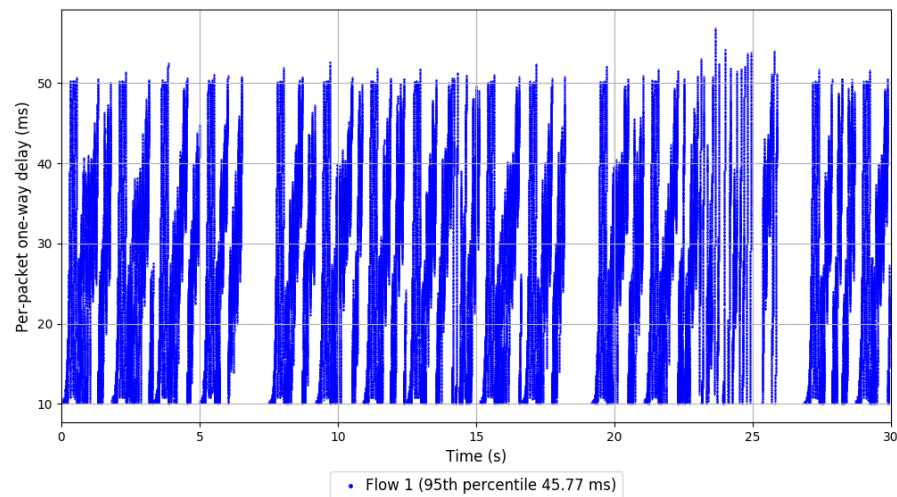
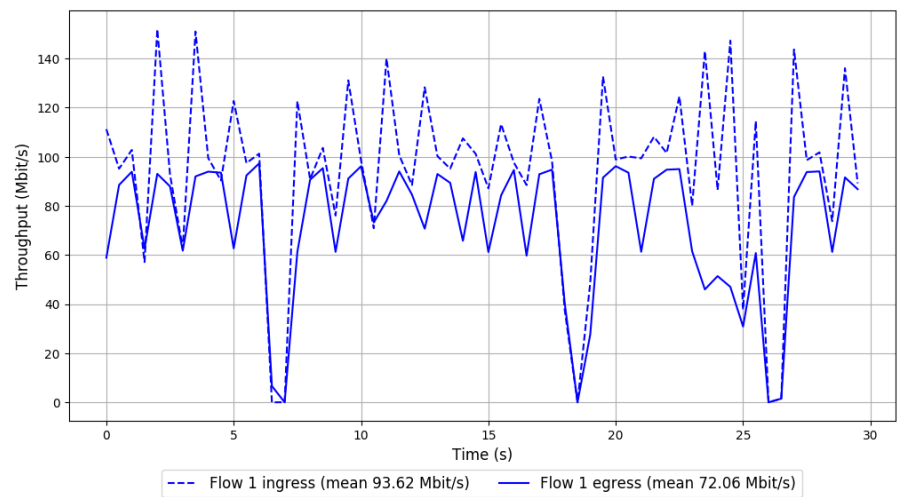
-- Flow 1:

Average throughput: 72.06 Mbit/s

95th percentile per-packet one-way delay: 45.768 ms

Loss rate: 22.99%

Run 6: Report of Verus — Data Link



Run 7: Statistics of Verus

Start at: 2018-03-06 04:16:35

End at: 2018-03-06 04:17:05

Local clock offset: 1.753 ms

Remote clock offset: 1.325 ms

Below is generated by plot.py at 2018-03-06 06:19:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 48.62 Mbit/s

95th percentile per-packet one-way delay: 52.879 ms

Loss rate: 71.16%

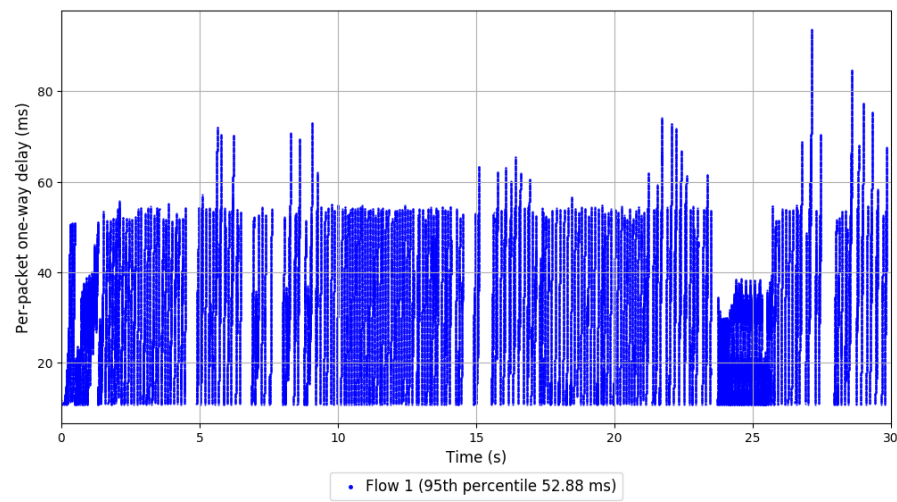
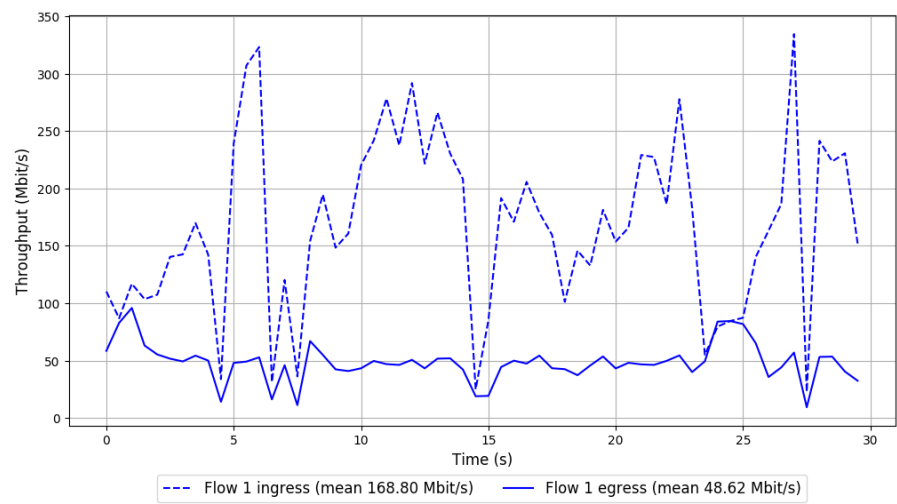
-- Flow 1:

Average throughput: 48.62 Mbit/s

95th percentile per-packet one-way delay: 52.879 ms

Loss rate: 71.16%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2018-03-06 04:38:30

End at: 2018-03-06 04:39:00

Local clock offset: 4.078 ms

Remote clock offset: 0.767 ms

Below is generated by plot.py at 2018-03-06 06:19:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.20 Mbit/s

95th percentile per-packet one-way delay: 45.138 ms

Loss rate: 24.05%

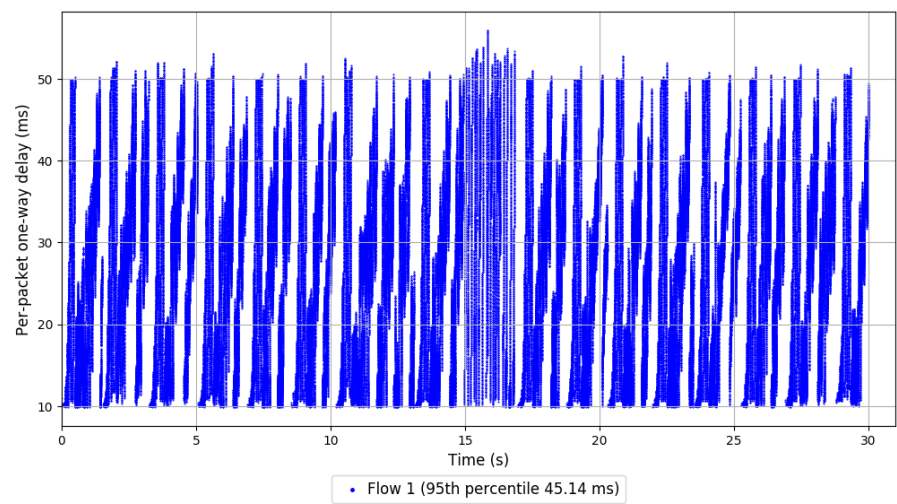
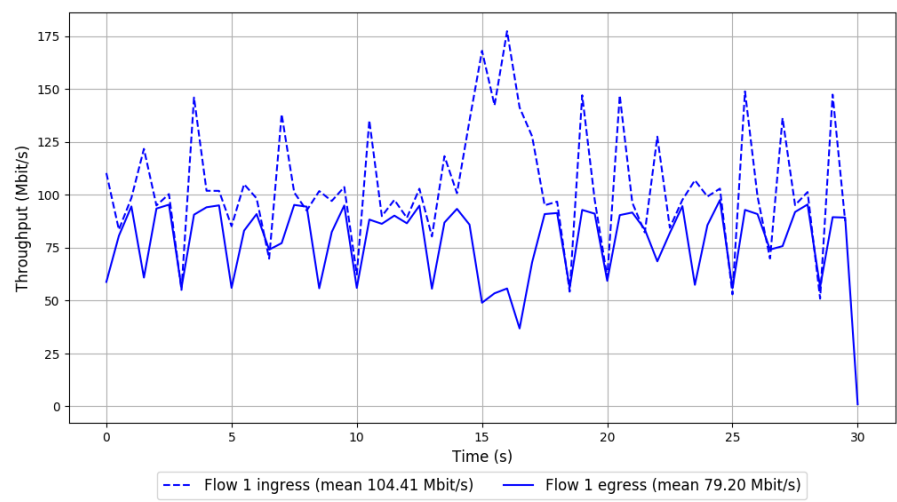
-- Flow 1:

Average throughput: 79.20 Mbit/s

95th percentile per-packet one-way delay: 45.138 ms

Loss rate: 24.05%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-03-06 05:00:27

End at: 2018-03-06 05:00:57

Local clock offset: 4.987 ms

Remote clock offset: 0.173 ms

Below is generated by plot.py at 2018-03-06 06:19:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.71 Mbit/s

95th percentile per-packet one-way delay: 43.621 ms

Loss rate: 24.23%

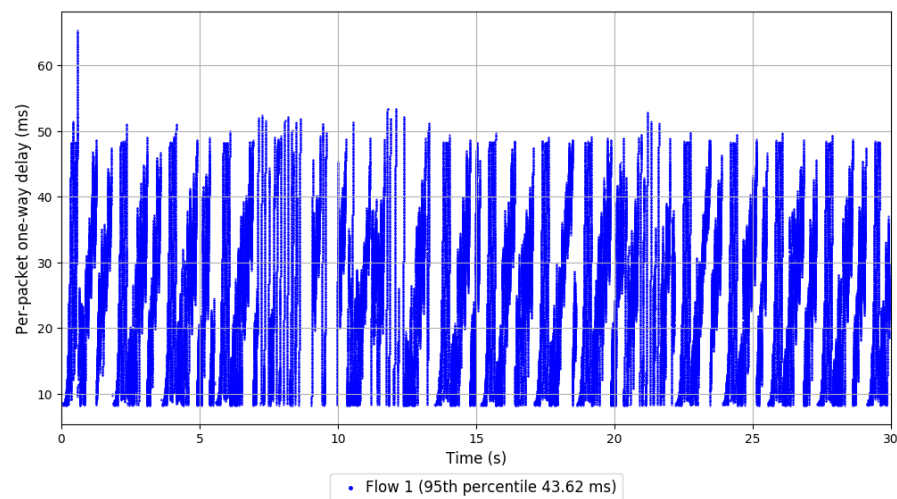
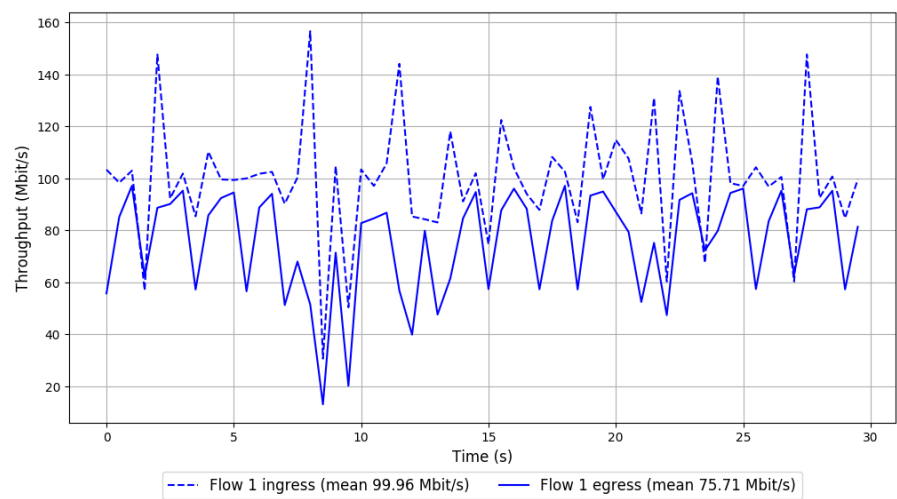
-- Flow 1:

Average throughput: 75.71 Mbit/s

95th percentile per-packet one-way delay: 43.621 ms

Loss rate: 24.23%

Run 9: Report of Verus — Data Link

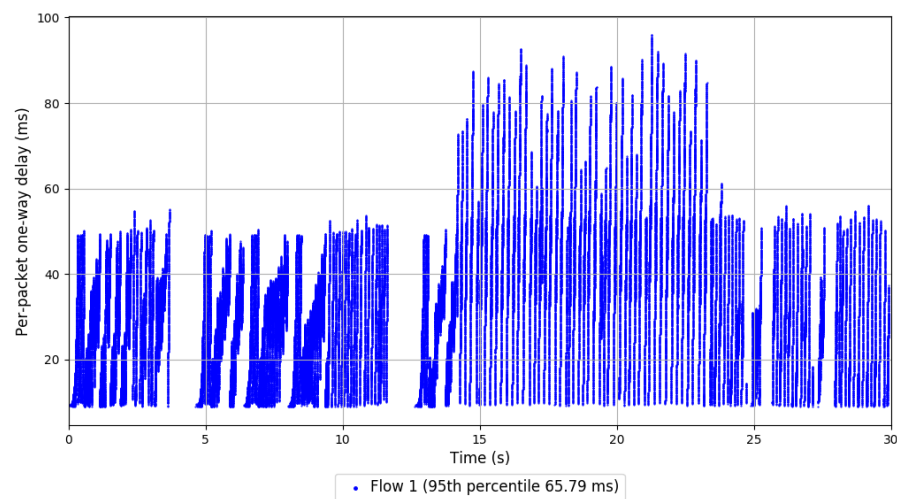
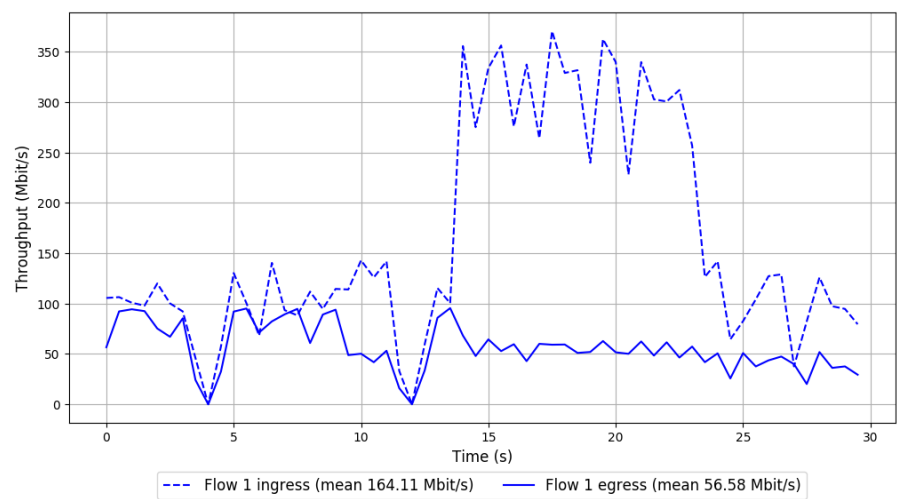


Run 10: Statistics of Verus

Start at: 2018-03-06 05:22:31
End at: 2018-03-06 05:23:01
Local clock offset: 5.541 ms
Remote clock offset: -0.313 ms

Below is generated by plot.py at 2018-03-06 06:19:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 56.58 Mbit/s
95th percentile per-packet one-way delay: 65.793 ms
Loss rate: 65.49%
-- Flow 1:
Average throughput: 56.58 Mbit/s
95th percentile per-packet one-way delay: 65.793 ms
Loss rate: 65.49%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-03-06 02:11:51

End at: 2018-03-06 02:12:21

Local clock offset: 3.781 ms

Remote clock offset: -0.66 ms

Below is generated by plot.py at 2018-03-06 06:21:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.79 Mbit/s

95th percentile per-packet one-way delay: 11.804 ms

Loss rate: 0.00%

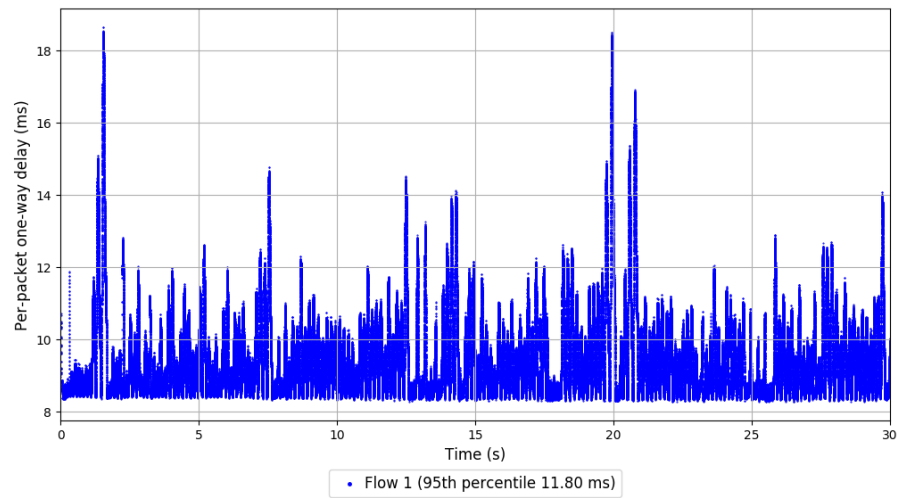
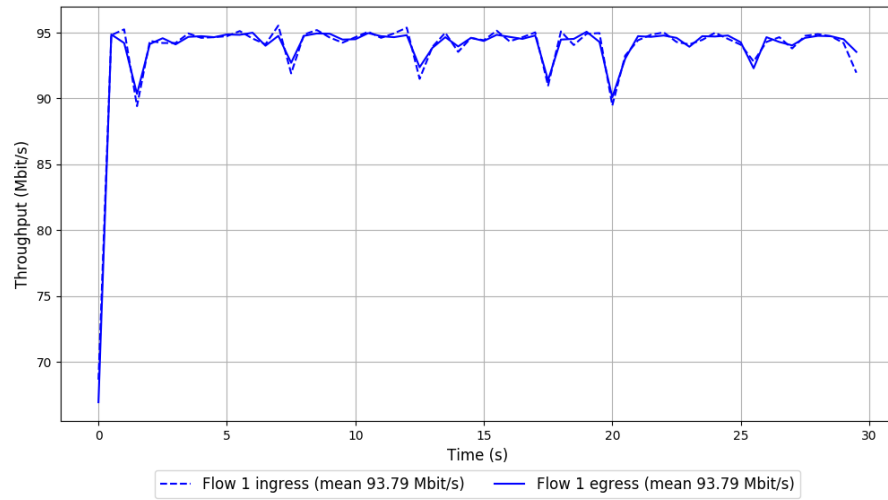
-- Flow 1:

Average throughput: 93.79 Mbit/s

95th percentile per-packet one-way delay: 11.804 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-03-06 02:32:51

End at: 2018-03-06 02:33:21

Local clock offset: 3.626 ms

Remote clock offset: 2.148 ms

Below is generated by plot.py at 2018-03-06 06:21:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 93.16 Mbit/s

95th percentile per-packet one-way delay: 15.079 ms

Loss rate: 0.00%

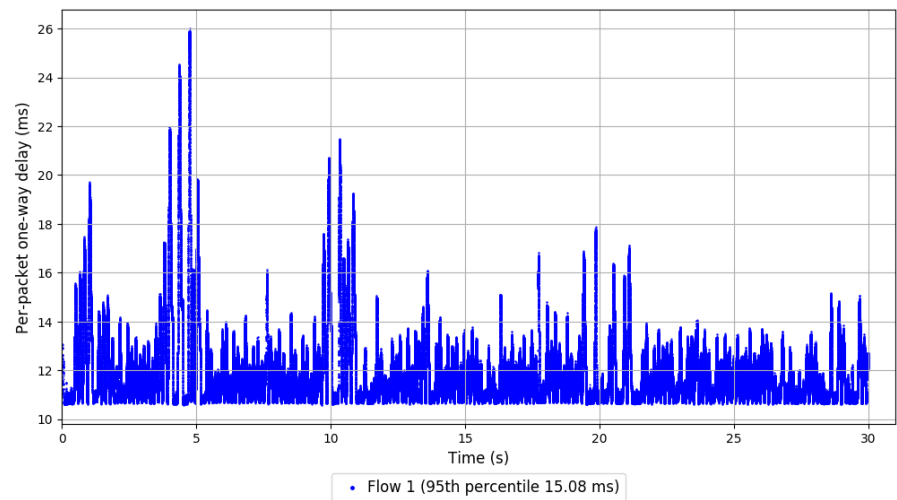
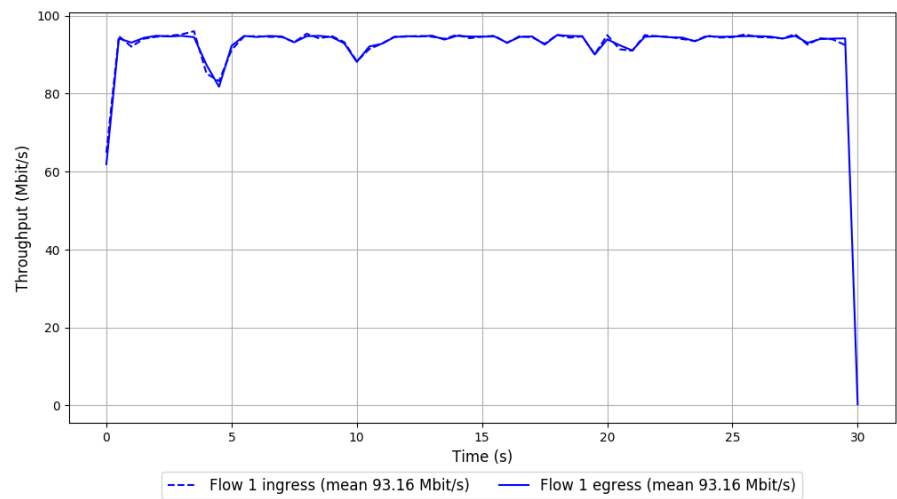
-- Flow 1:

Average throughput: 93.16 Mbit/s

95th percentile per-packet one-way delay: 15.079 ms

Loss rate: 0.00%

Run 2: Report of Copa — Data Link

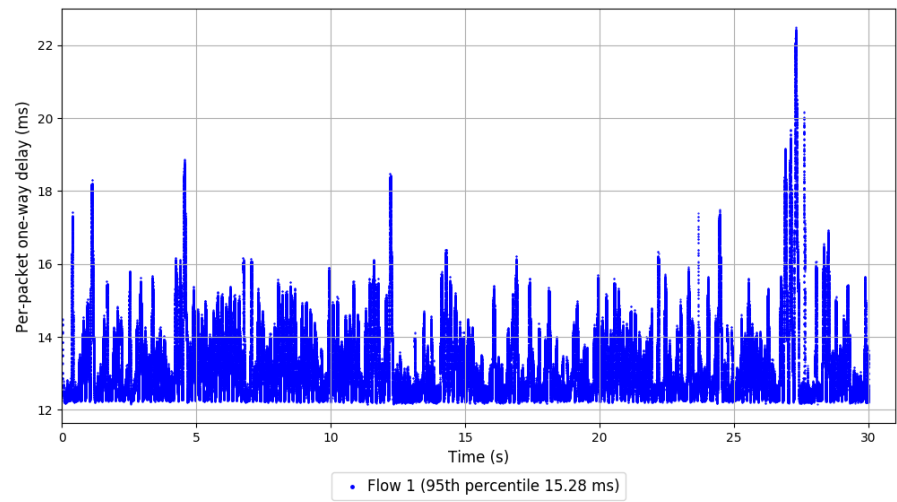
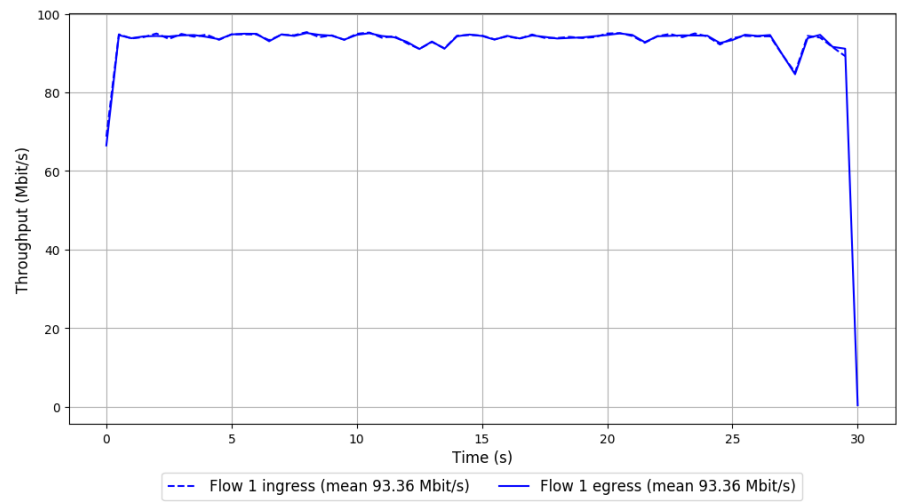


Run 3: Statistics of Copa

Start at: 2018-03-06 02:54:04
End at: 2018-03-06 02:54:34
Local clock offset: 1.514 ms
Remote clock offset: -2.168 ms

Below is generated by plot.py at 2018-03-06 06:21:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 93.36 Mbit/s
95th percentile per-packet one-way delay: 15.279 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 93.36 Mbit/s
95th percentile per-packet one-way delay: 15.279 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

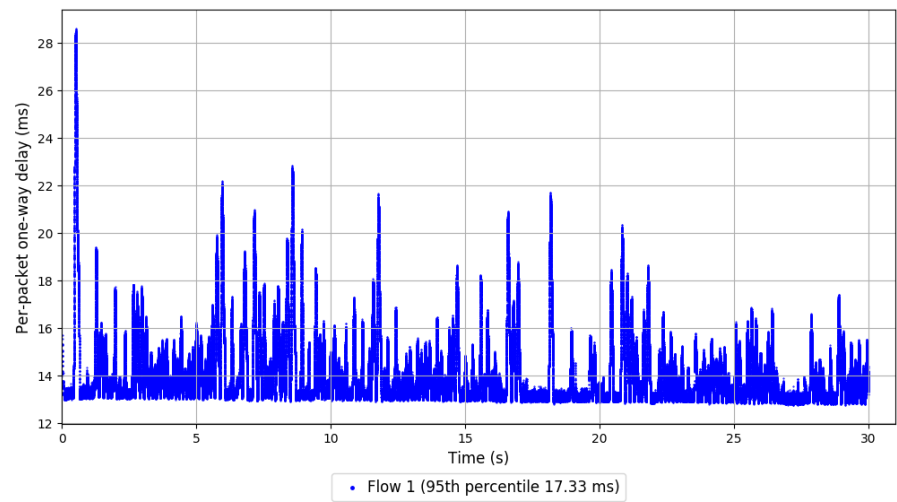
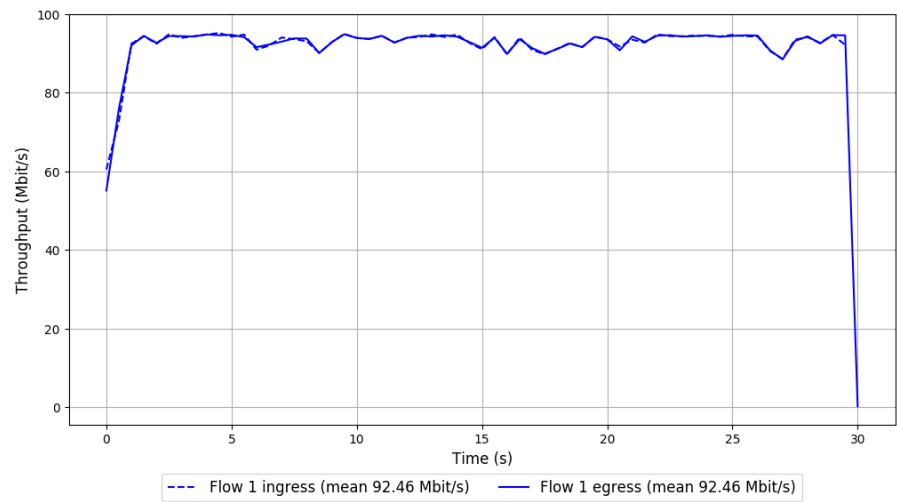


Run 4: Statistics of Copa

Start at: 2018-03-06 03:15:02
End at: 2018-03-06 03:15:32
Local clock offset: 0.96 ms
Remote clock offset: -0.465 ms

Below is generated by plot.py at 2018-03-06 06:21:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.46 Mbit/s
95th percentile per-packet one-way delay: 17.333 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 92.46 Mbit/s
95th percentile per-packet one-way delay: 17.333 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-03-06 03:36:15

End at: 2018-03-06 03:36:45

Local clock offset: 5.169 ms

Remote clock offset: 4.601 ms

Below is generated by plot.py at 2018-03-06 06:21:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.99 Mbit/s

95th percentile per-packet one-way delay: 15.632 ms

Loss rate: 0.00%

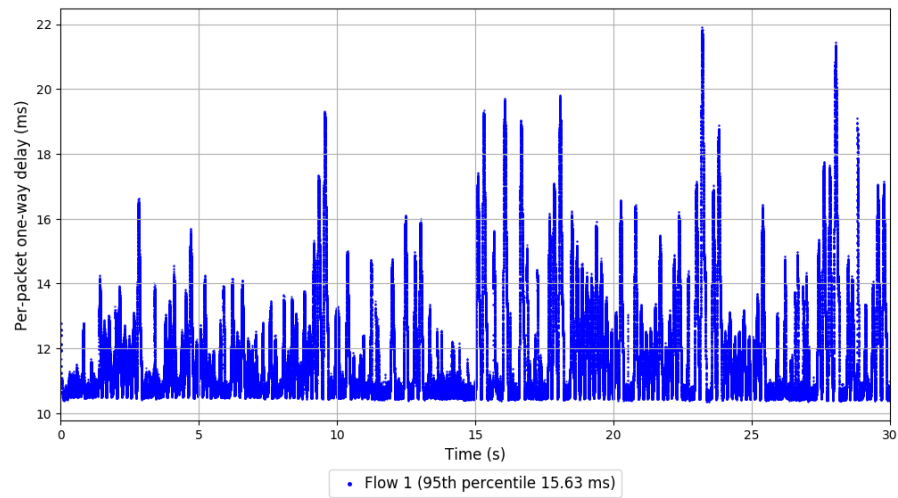
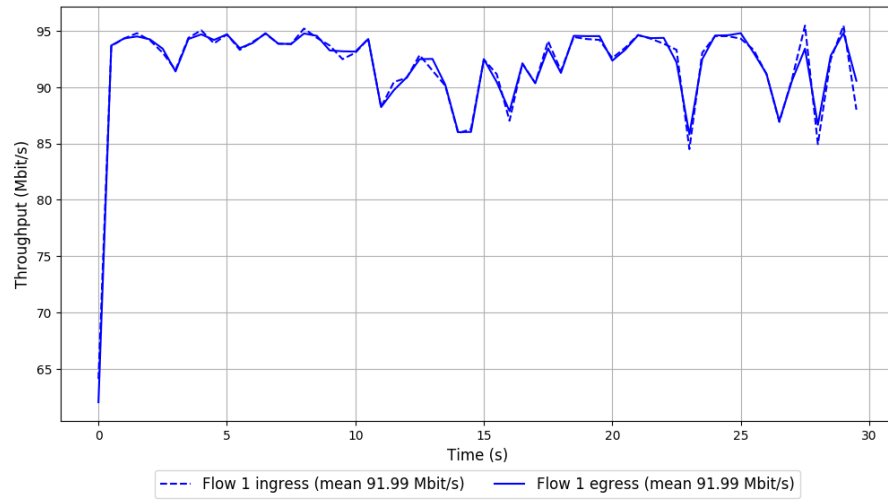
-- Flow 1:

Average throughput: 91.99 Mbit/s

95th percentile per-packet one-way delay: 15.632 ms

Loss rate: 0.00%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-03-06 03:57:34

End at: 2018-03-06 03:58:04

Local clock offset: 3.476 ms

Remote clock offset: 1.669 ms

Below is generated by plot.py at 2018-03-06 06:21:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.64 Mbit/s

95th percentile per-packet one-way delay: 13.054 ms

Loss rate: 0.00%

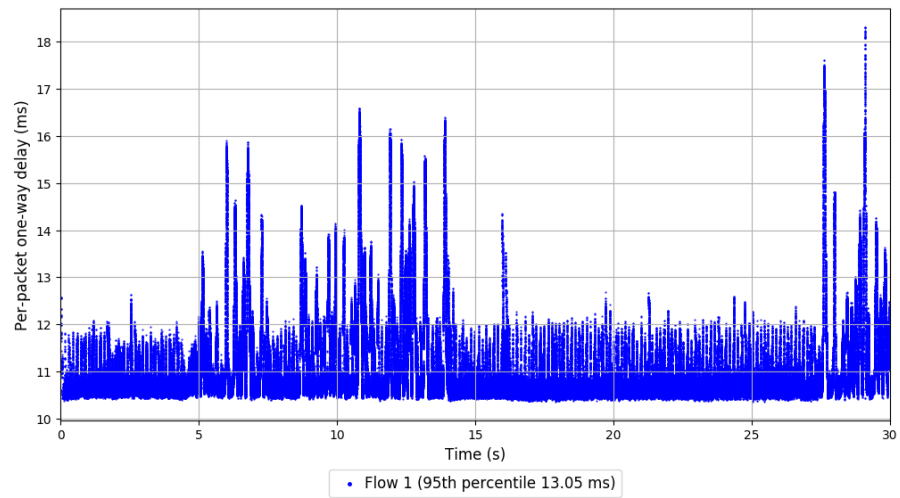
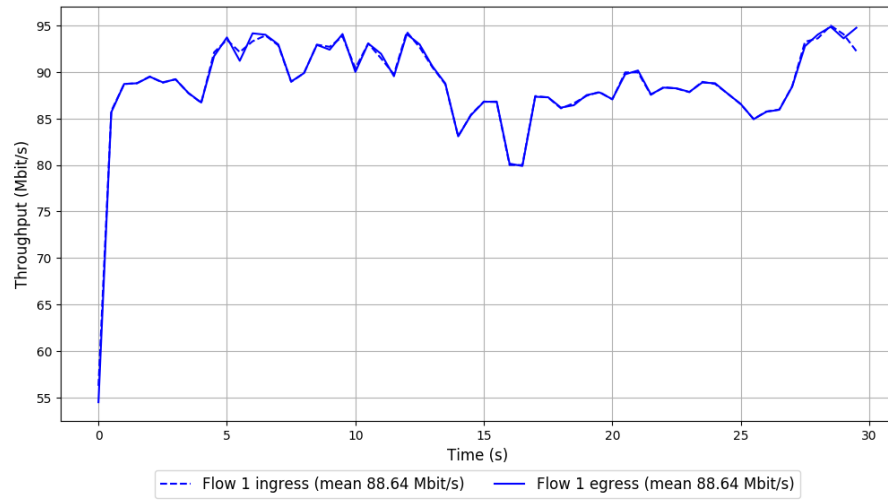
-- Flow 1:

Average throughput: 88.64 Mbit/s

95th percentile per-packet one-way delay: 13.054 ms

Loss rate: 0.00%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

Start at: 2018-03-06 04:19:00

End at: 2018-03-06 04:19:30

Local clock offset: 2.733 ms

Remote clock offset: 0.078 ms

Below is generated by plot.py at 2018-03-06 06:21:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 89.14 Mbit/s

95th percentile per-packet one-way delay: 12.172 ms

Loss rate: 0.00%

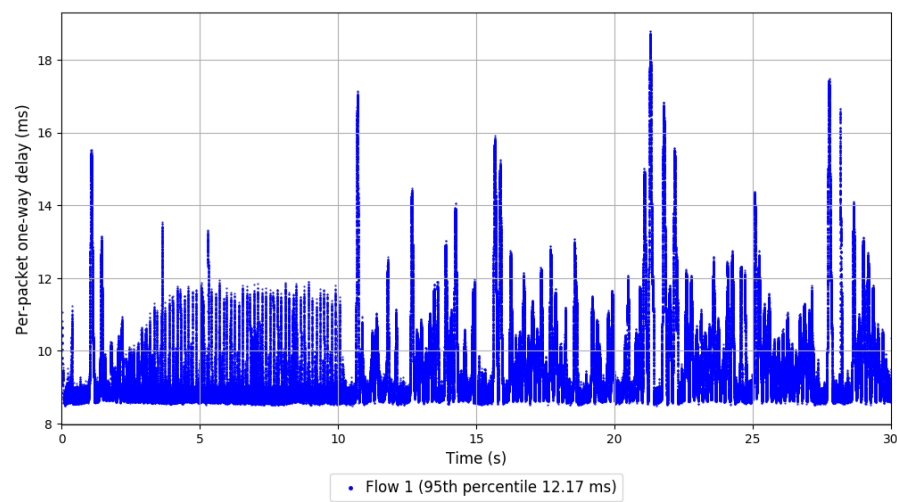
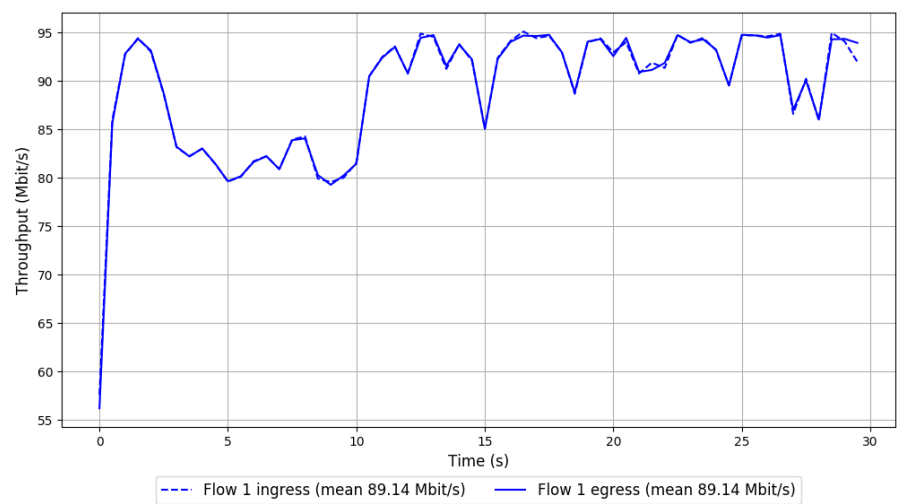
-- Flow 1:

Average throughput: 89.14 Mbit/s

95th percentile per-packet one-way delay: 12.172 ms

Loss rate: 0.00%

Run 7: Report of Copa — Data Link



Run 8: Statistics of Copa

Start at: 2018-03-06 04:40:57

End at: 2018-03-06 04:41:27

Local clock offset: 1.018 ms

Remote clock offset: 1.17 ms

Below is generated by plot.py at 2018-03-06 06:22:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.94 Mbit/s

95th percentile per-packet one-way delay: 17.323 ms

Loss rate: 0.00%

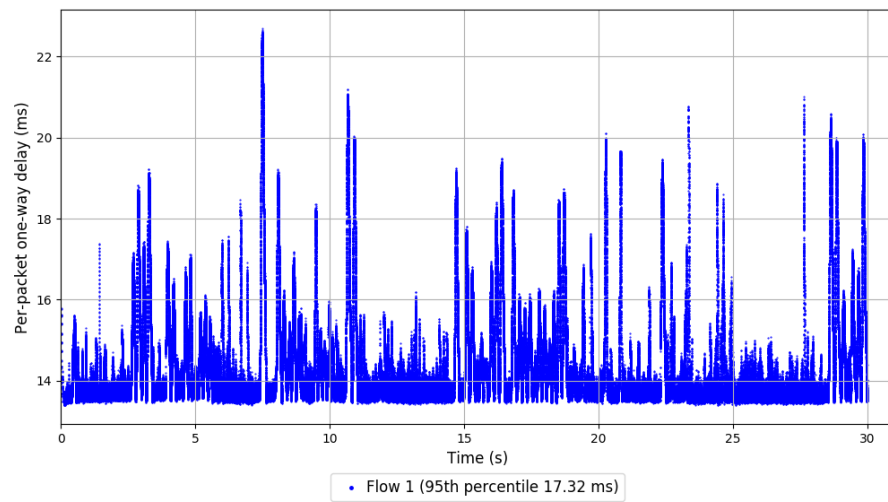
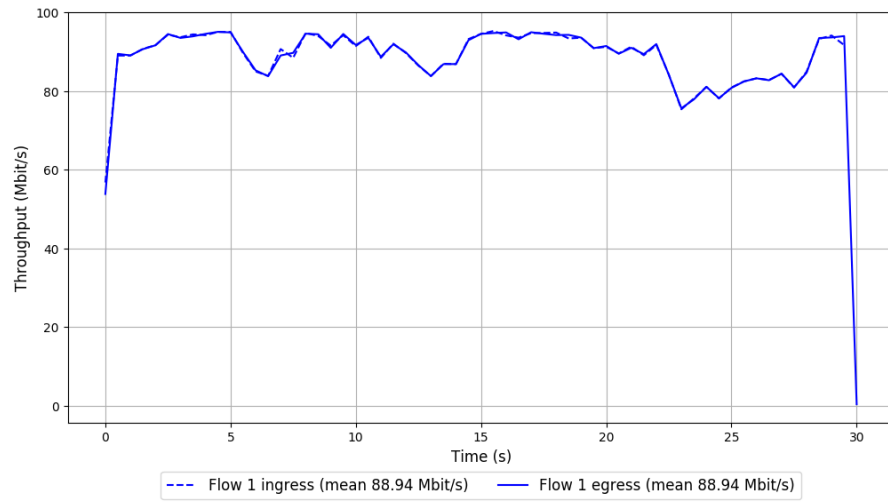
-- Flow 1:

Average throughput: 88.94 Mbit/s

95th percentile per-packet one-way delay: 17.323 ms

Loss rate: 0.00%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-03-06 05:02:59

End at: 2018-03-06 05:03:29

Local clock offset: 2.036 ms

Remote clock offset: 1.033 ms

Below is generated by plot.py at 2018-03-06 06:23:16

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.96 Mbit/s

95th percentile per-packet one-way delay: 14.356 ms

Loss rate: 0.00%

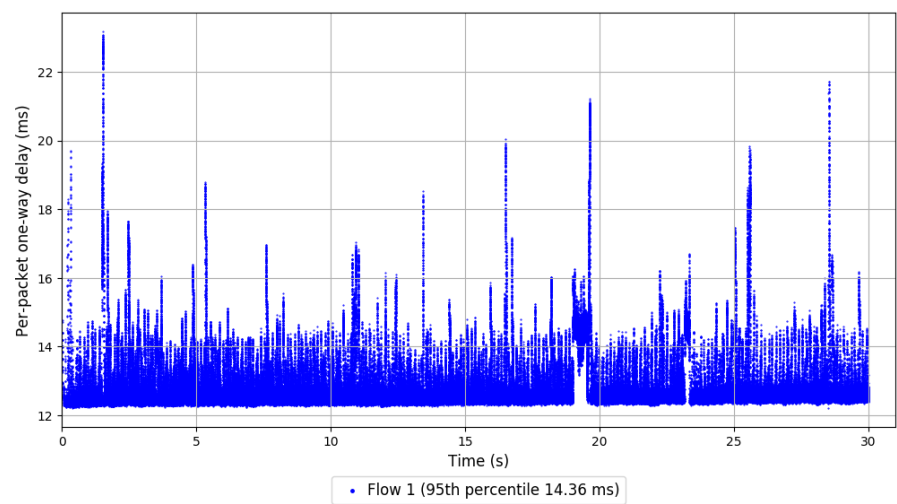
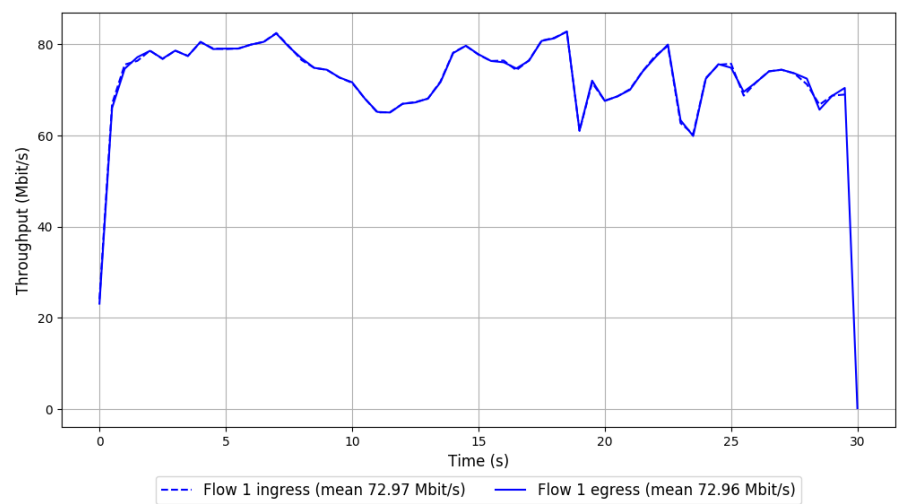
-- Flow 1:

Average throughput: 72.96 Mbit/s

95th percentile per-packet one-way delay: 14.356 ms

Loss rate: 0.00%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-03-06 05:24:55

End at: 2018-03-06 05:25:25

Local clock offset: 4.02 ms

Remote clock offset: -0.593 ms

Below is generated by plot.py at 2018-03-06 06:23:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.44 Mbit/s

95th percentile per-packet one-way delay: 18.394 ms

Loss rate: 0.00%

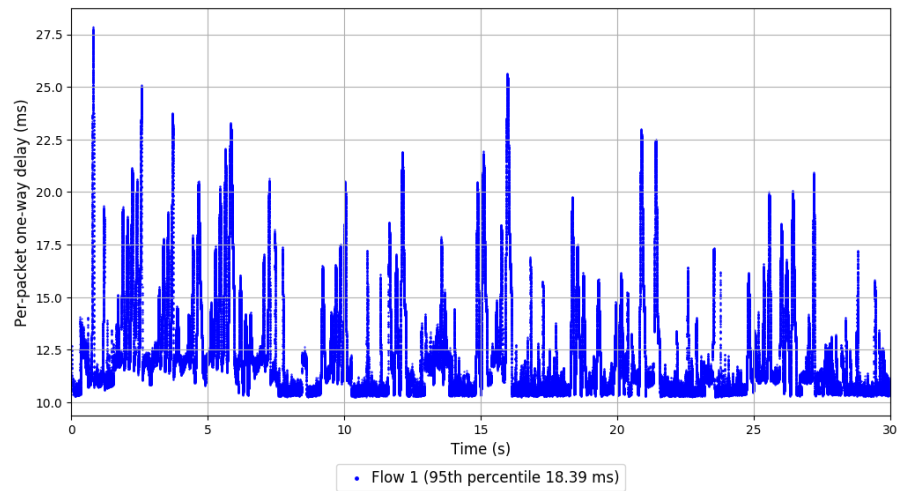
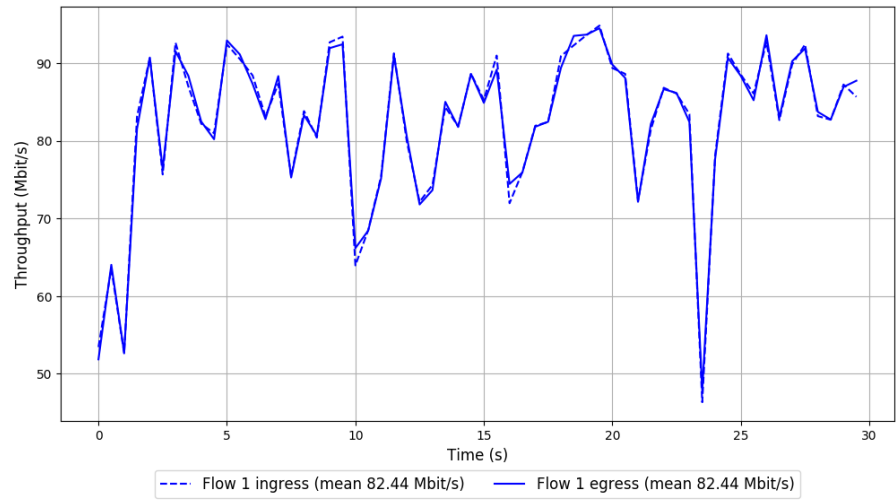
-- Flow 1:

Average throughput: 82.44 Mbit/s

95th percentile per-packet one-way delay: 18.394 ms

Loss rate: 0.00%

Run 10: Report of Copa — Data Link

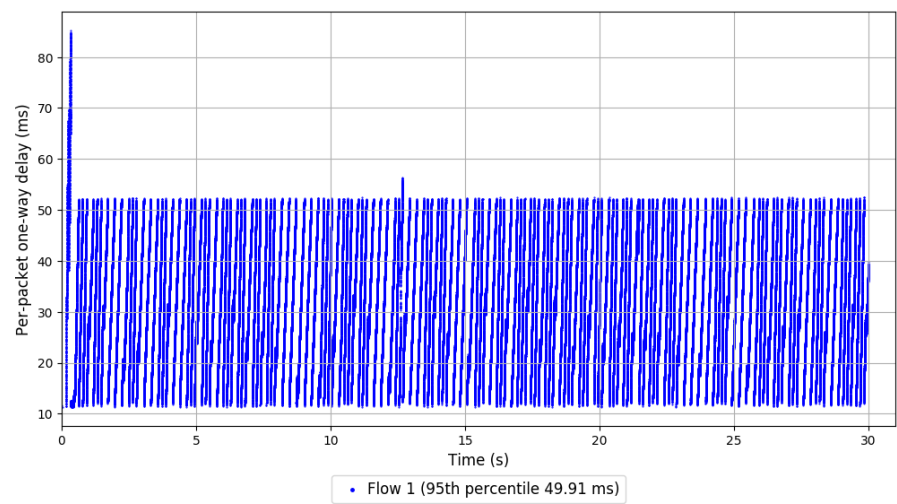
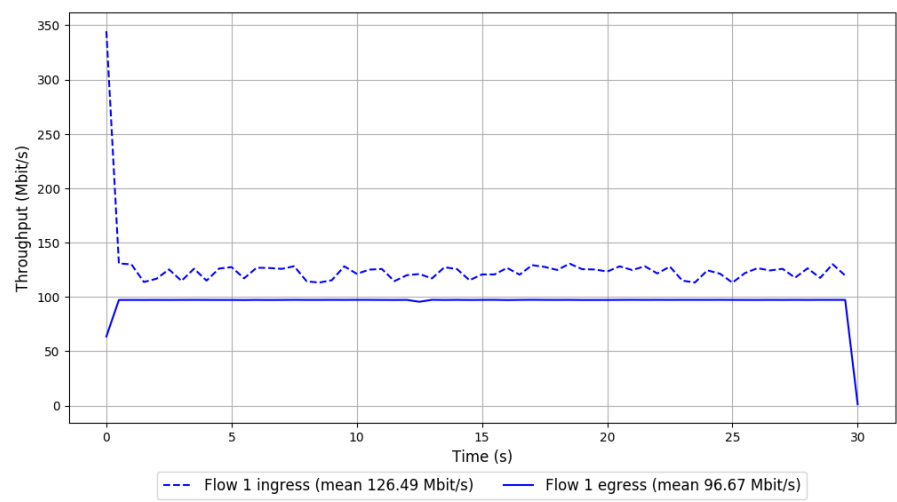


Run 1: Statistics of FillP

Start at: 2018-03-06 01:59:05
End at: 2018-03-06 01:59:35
Local clock offset: 1.048 ms
Remote clock offset: -3.445 ms

Below is generated by plot.py at 2018-03-06 06:23:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 49.913 ms
Loss rate: 23.50%
-- Flow 1:
Average throughput: 96.67 Mbit/s
95th percentile per-packet one-way delay: 49.913 ms
Loss rate: 23.50%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

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

End at: 2018-03-06 02:20:32

Local clock offset: 4.452 ms

Remote clock offset: 0.512 ms

Below is generated by plot.py at 2018-03-06 06:23:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.71 Mbit/s

95th percentile per-packet one-way delay: 46.721 ms

Loss rate: 23.07%

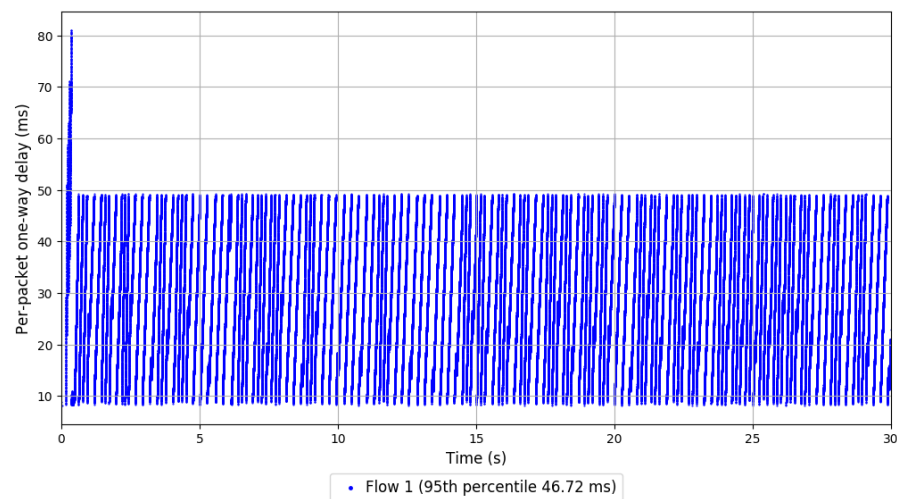
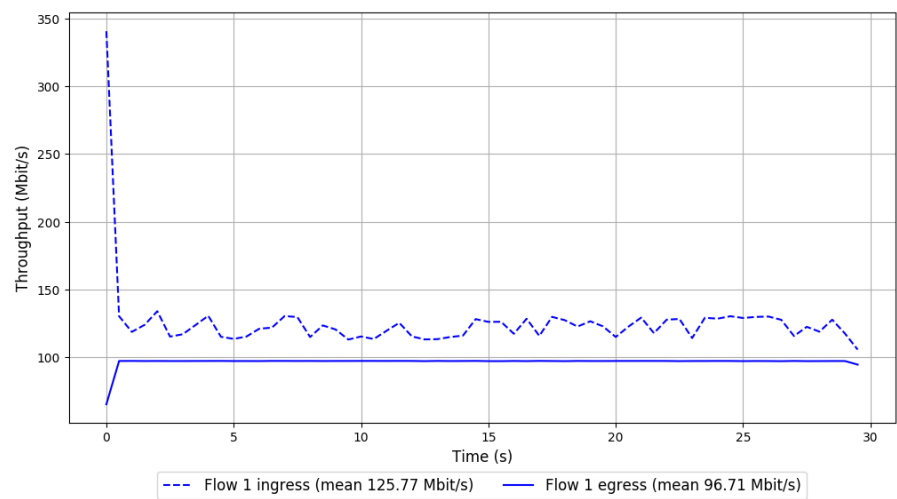
-- Flow 1:

Average throughput: 96.71 Mbit/s

95th percentile per-packet one-way delay: 46.721 ms

Loss rate: 23.07%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-03-06 02:40:59

End at: 2018-03-06 02:41:29

Local clock offset: 3.94 ms

Remote clock offset: 1.72 ms

Below is generated by plot.py at 2018-03-06 06:23:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.73 Mbit/s

95th percentile per-packet one-way delay: 49.808 ms

Loss rate: 22.92%

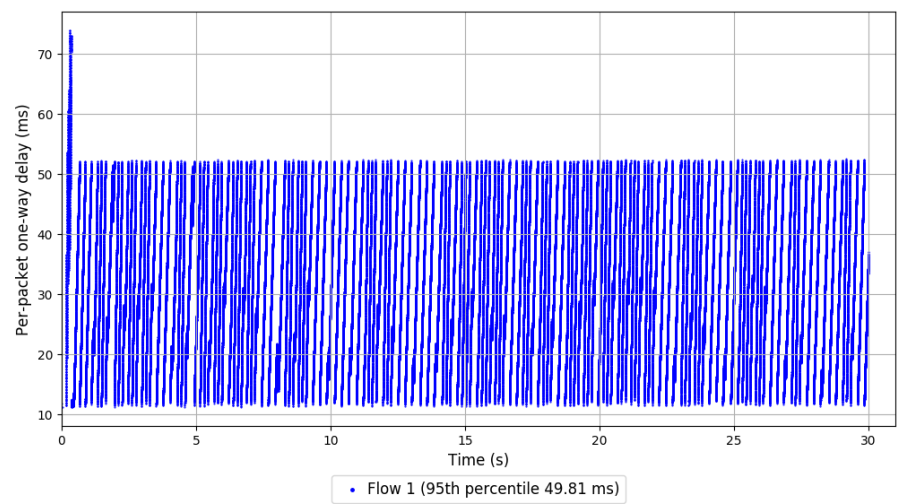
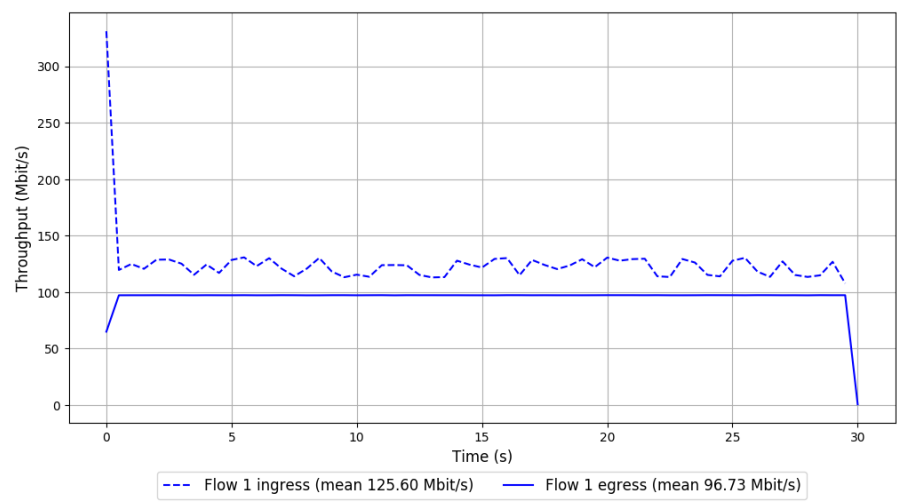
-- Flow 1:

Average throughput: 96.73 Mbit/s

95th percentile per-packet one-way delay: 49.808 ms

Loss rate: 22.92%

Run 3: Report of FillP — Data Link

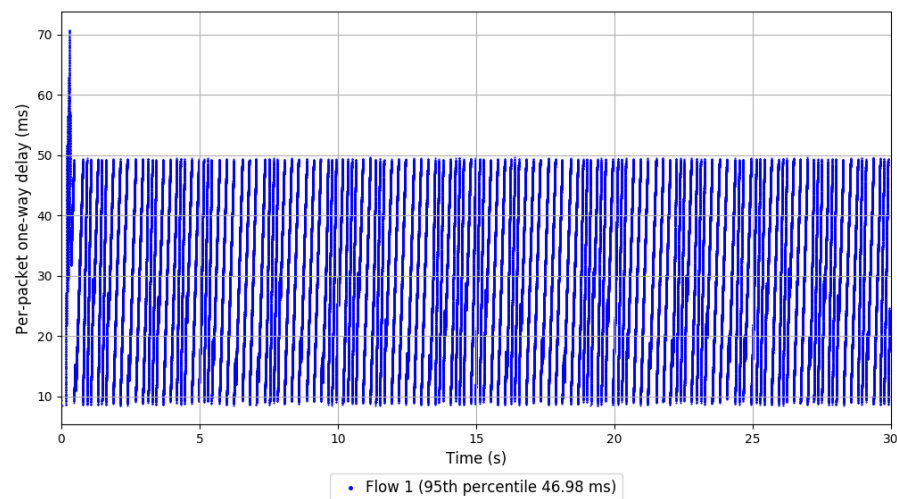
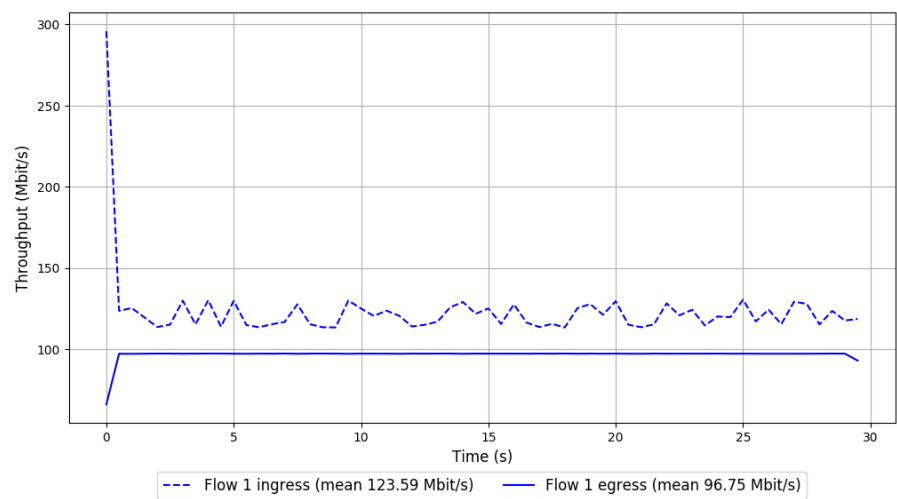


Run 4: Statistics of FillP

Start at: 2018-03-06 03:02:12
End at: 2018-03-06 03:02:42
Local clock offset: 4.454 ms
Remote clock offset: -3.298 ms

Below is generated by plot.py at 2018-03-06 06:23:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 46.982 ms
Loss rate: 21.69%
-- Flow 1:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 46.982 ms
Loss rate: 21.69%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-03-06 03:23:20

End at: 2018-03-06 03:23:50

Local clock offset: 5.812 ms

Remote clock offset: 2.872 ms

Below is generated by plot.py at 2018-03-06 06:23:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.73 Mbit/s

95th percentile per-packet one-way delay: 47.181 ms

Loss rate: 23.53%

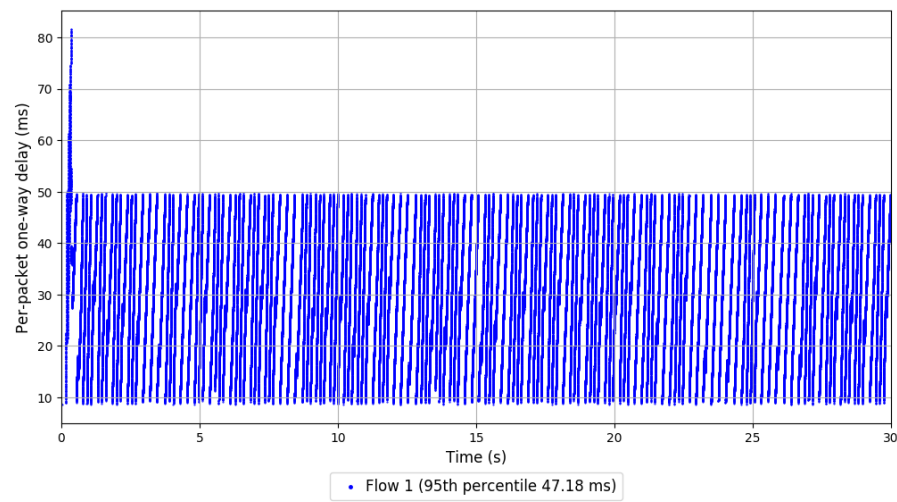
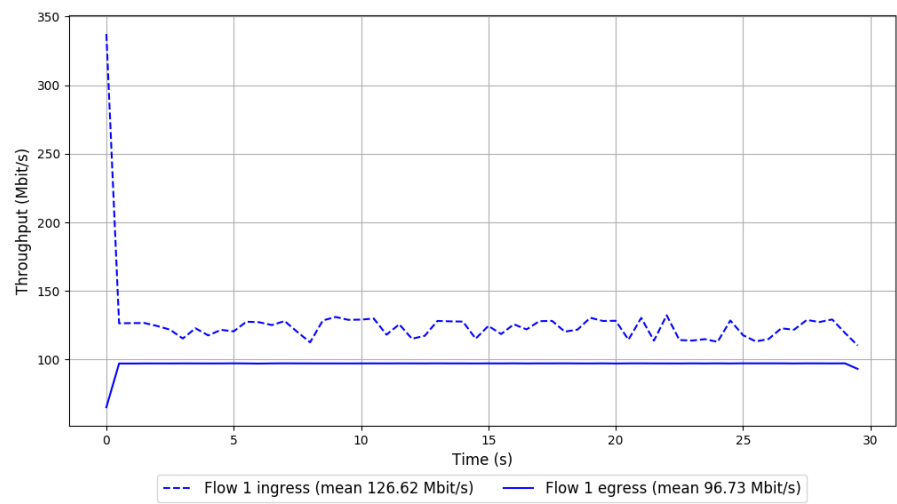
-- Flow 1:

Average throughput: 96.73 Mbit/s

95th percentile per-packet one-way delay: 47.181 ms

Loss rate: 23.53%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-03-06 03:44:27

End at: 2018-03-06 03:44:57

Local clock offset: 3.261 ms

Remote clock offset: 5.396 ms

Below is generated by plot.py at 2018-03-06 06:23:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.74 Mbit/s

95th percentile per-packet one-way delay: 50.977 ms

Loss rate: 23.04%

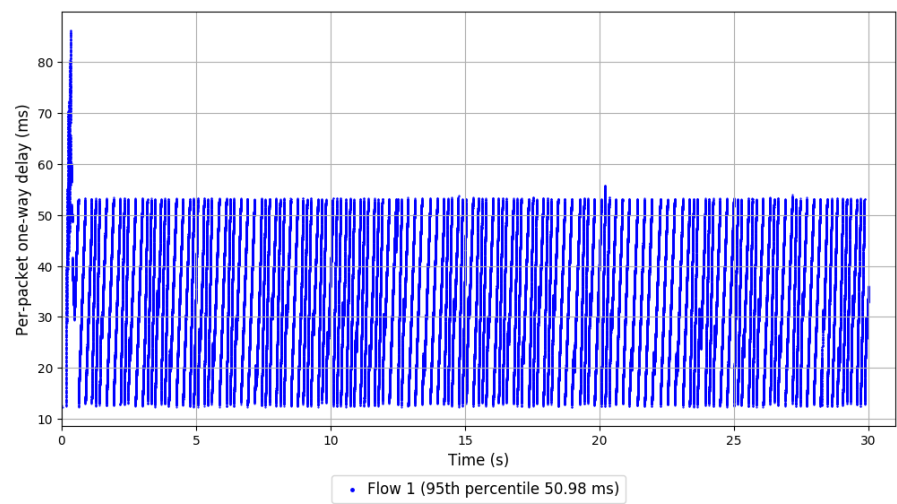
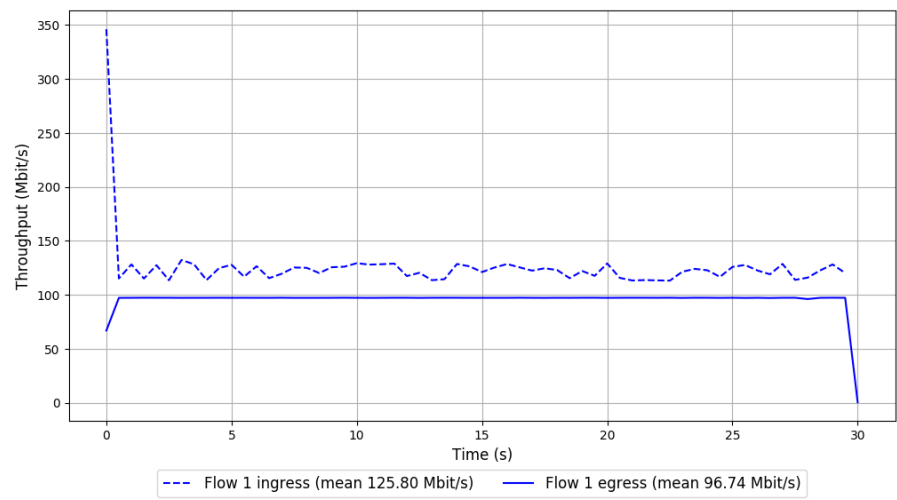
-- Flow 1:

Average throughput: 96.74 Mbit/s

95th percentile per-packet one-way delay: 50.977 ms

Loss rate: 23.04%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-03-06 04:05:56

End at: 2018-03-06 04:06:26

Local clock offset: -0.003 ms

Remote clock offset: 0.765 ms

Below is generated by plot.py at 2018-03-06 06:24:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.69 Mbit/s

95th percentile per-packet one-way delay: 51.145 ms

Loss rate: 22.68%

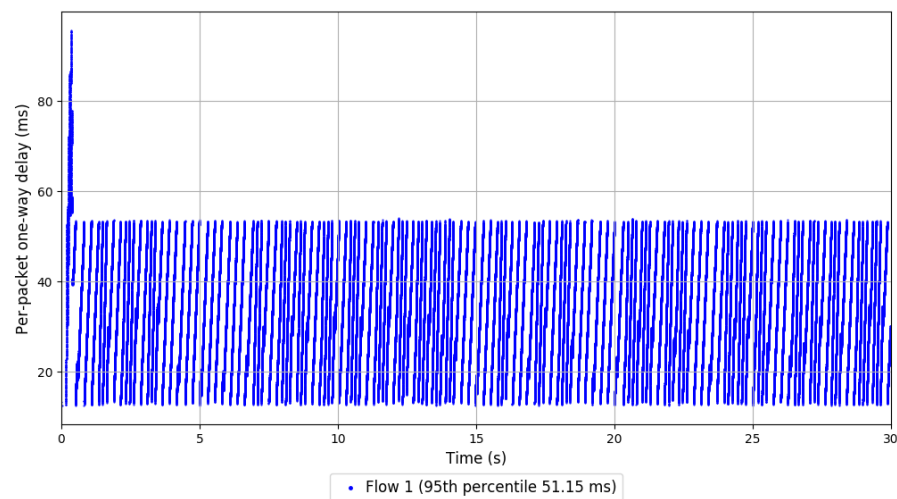
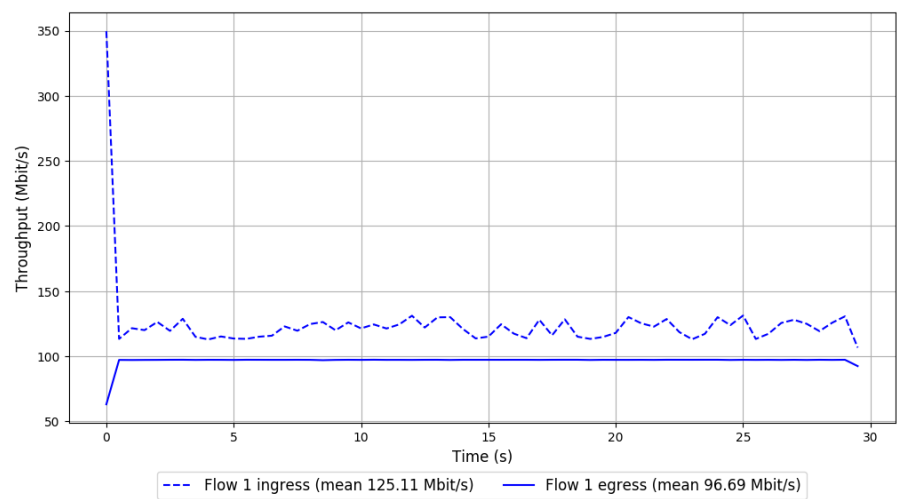
-- Flow 1:

Average throughput: 96.69 Mbit/s

95th percentile per-packet one-way delay: 51.145 ms

Loss rate: 22.68%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-03-06 04:27:22

End at: 2018-03-06 04:27:52

Local clock offset: 1.835 ms

Remote clock offset: 0.876 ms

Below is generated by plot.py at 2018-03-06 06:24:57

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.73 Mbit/s

95th percentile per-packet one-way delay: 48.925 ms

Loss rate: 21.54%

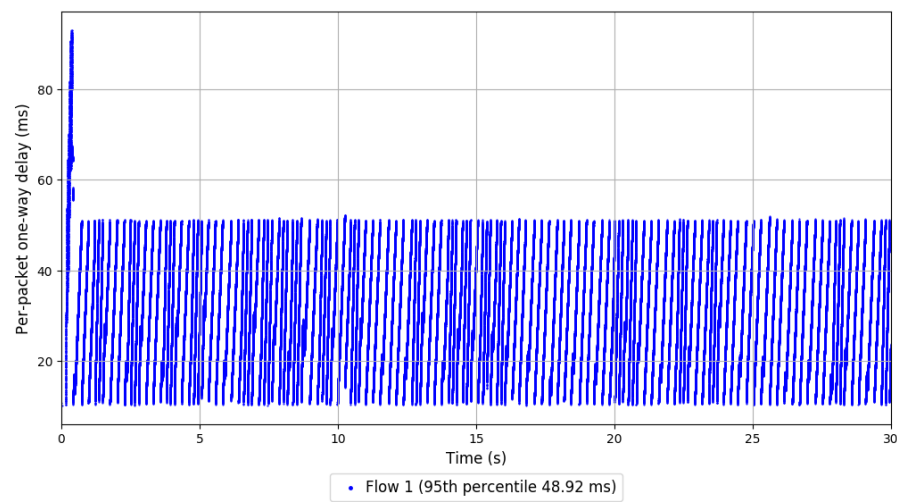
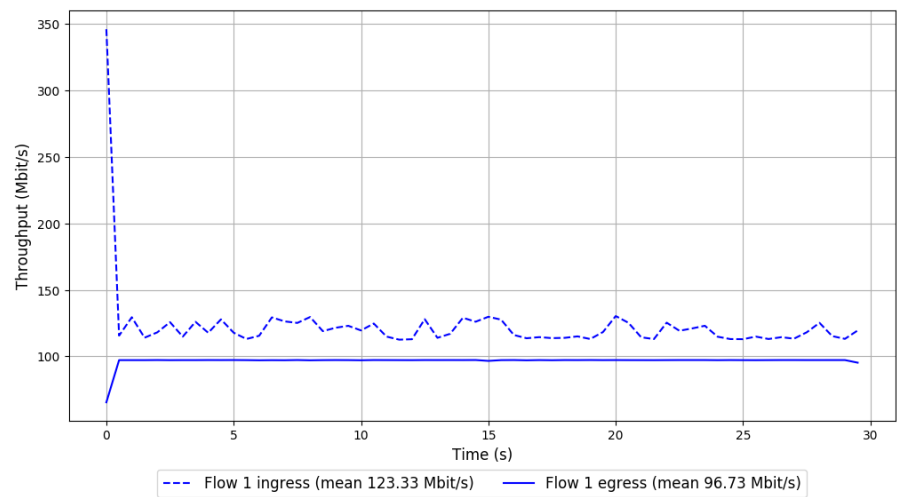
-- Flow 1:

Average throughput: 96.73 Mbit/s

95th percentile per-packet one-way delay: 48.925 ms

Loss rate: 21.54%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-03-06 04:49:27

End at: 2018-03-06 04:49:57

Local clock offset: 1.163 ms

Remote clock offset: 0.812 ms

Below is generated by plot.py at 2018-03-06 06:25:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.69 Mbit/s

95th percentile per-packet one-way delay: 51.943 ms

Loss rate: 23.74%

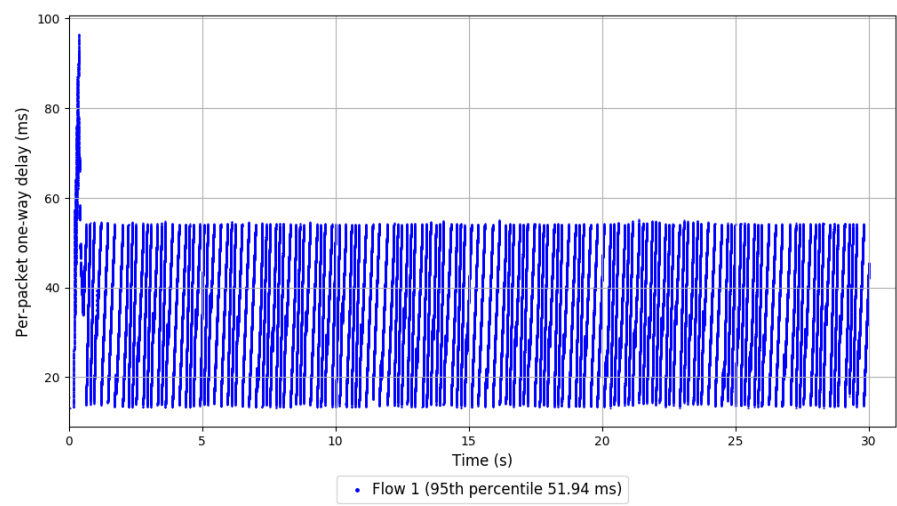
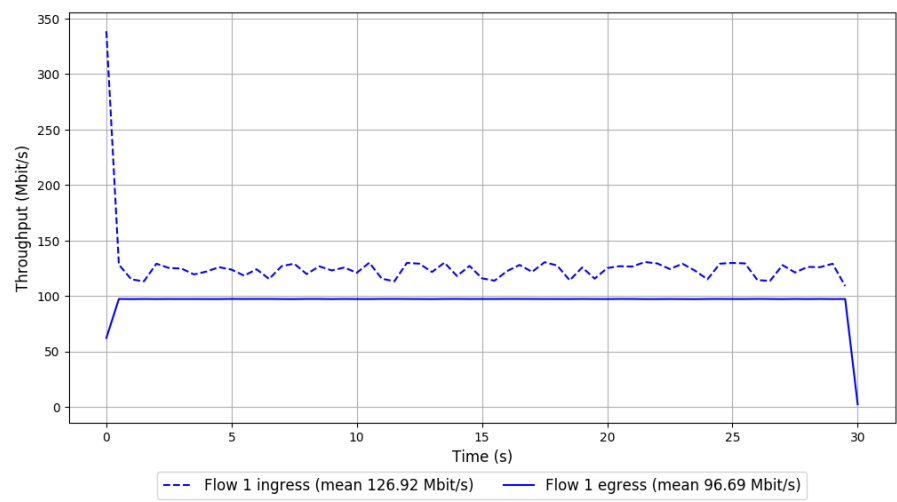
-- Flow 1:

Average throughput: 96.69 Mbit/s

95th percentile per-packet one-way delay: 51.943 ms

Loss rate: 23.74%

Run 9: Report of FillP — Data Link

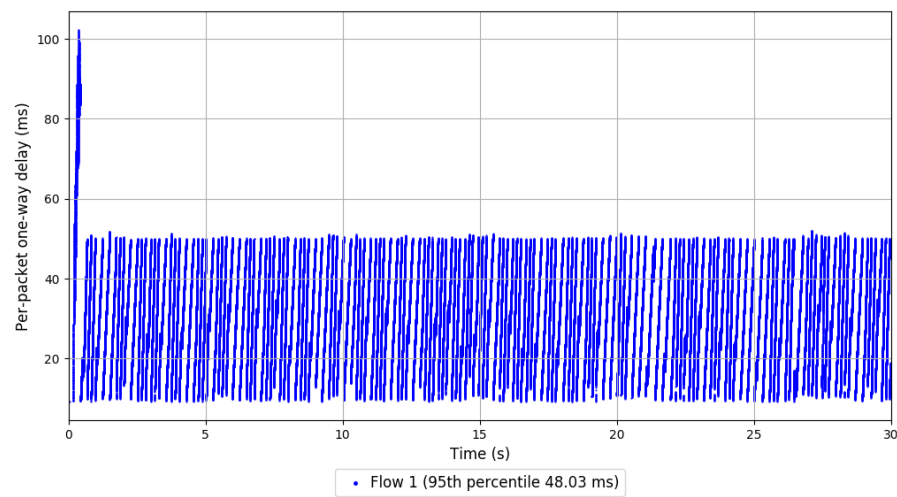
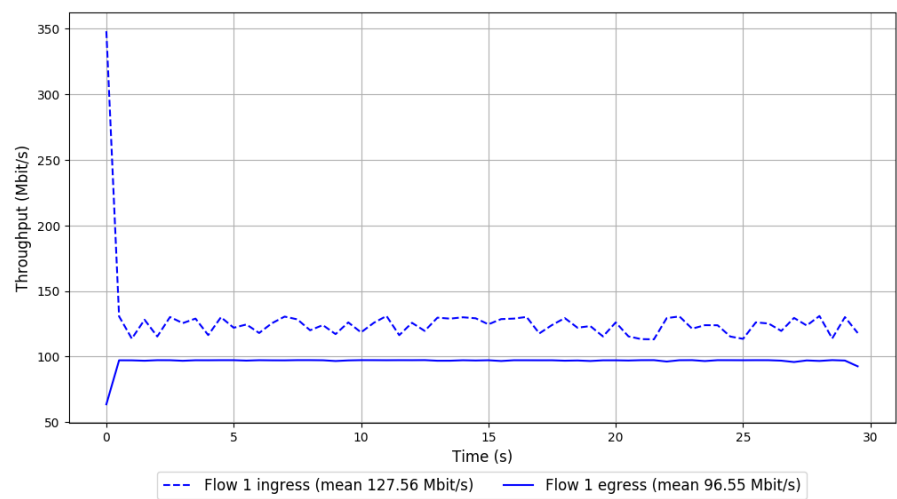


Run 10: Statistics of FillP

Start at: 2018-03-06 05:11:33
End at: 2018-03-06 05:12:03
Local clock offset: 5.163 ms
Remote clock offset: -0.302 ms

Below is generated by plot.py at 2018-03-06 06:25:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 48.034 ms
Loss rate: 24.29%
-- Flow 1:
Average throughput: 96.55 Mbit/s
95th percentile per-packet one-way delay: 48.034 ms
Loss rate: 24.29%

Run 10: Report of FillP — Data Link



Run 1: Statistics of Indigo-1-32

Start at: 2018-03-06 02:03:49

End at: 2018-03-06 02:04:19

Local clock offset: 3.776 ms

Remote clock offset: -3.581 ms

Below is generated by plot.py at 2018-03-06 06:25:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.95 Mbit/s

95th percentile per-packet one-way delay: 11.121 ms

Loss rate: 0.00%

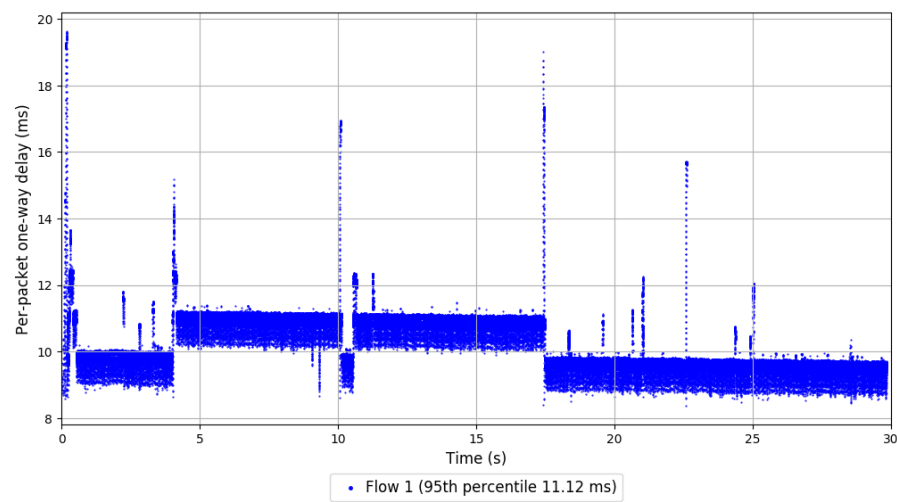
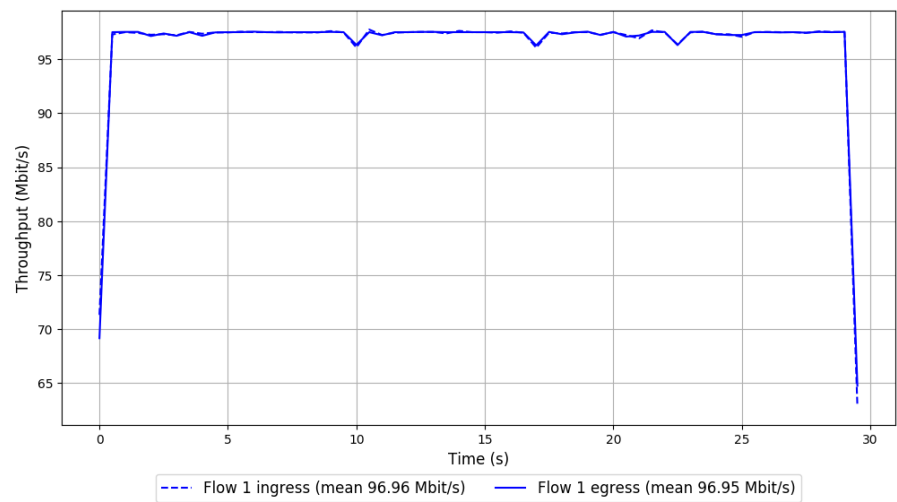
-- Flow 1:

Average throughput: 96.95 Mbit/s

95th percentile per-packet one-way delay: 11.121 ms

Loss rate: 0.00%

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-03-06 02:24:42

End at: 2018-03-06 02:25:12

Local clock offset: 1.423 ms

Remote clock offset: 1.605 ms

Below is generated by plot.py at 2018-03-06 06:25:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.93 Mbit/s

95th percentile per-packet one-way delay: 14.701 ms

Loss rate: 0.00%

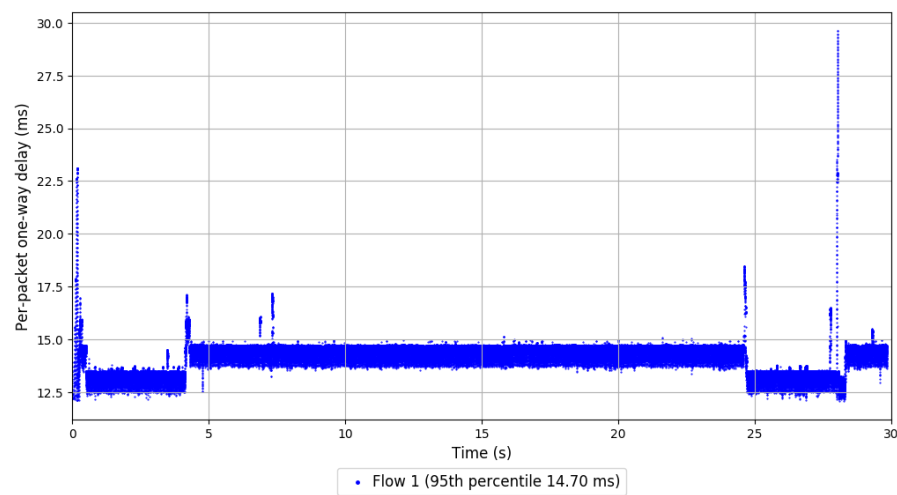
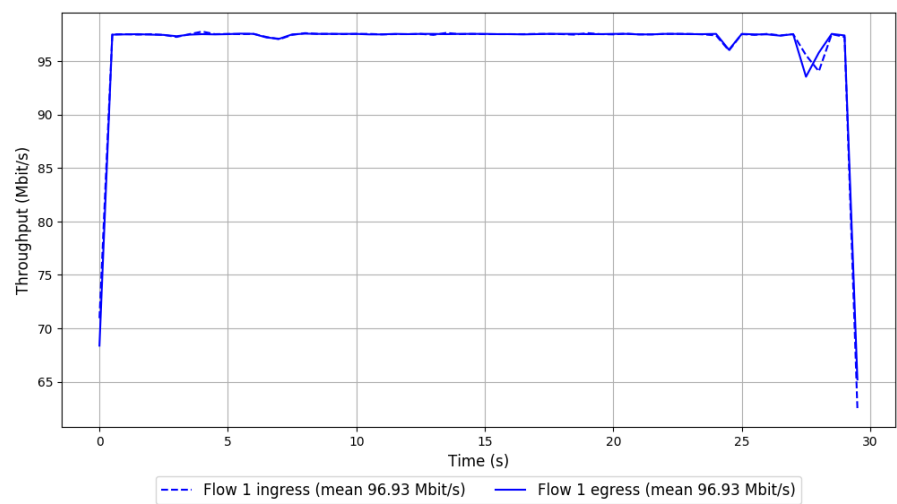
-- Flow 1:

Average throughput: 96.93 Mbit/s

95th percentile per-packet one-way delay: 14.701 ms

Loss rate: 0.00%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-03-06 02:45:57

End at: 2018-03-06 02:46:27

Local clock offset: 2.12 ms

Remote clock offset: -1.081 ms

Below is generated by plot.py at 2018-03-06 06:25:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.88 Mbit/s

95th percentile per-packet one-way delay: 14.266 ms

Loss rate: 0.00%

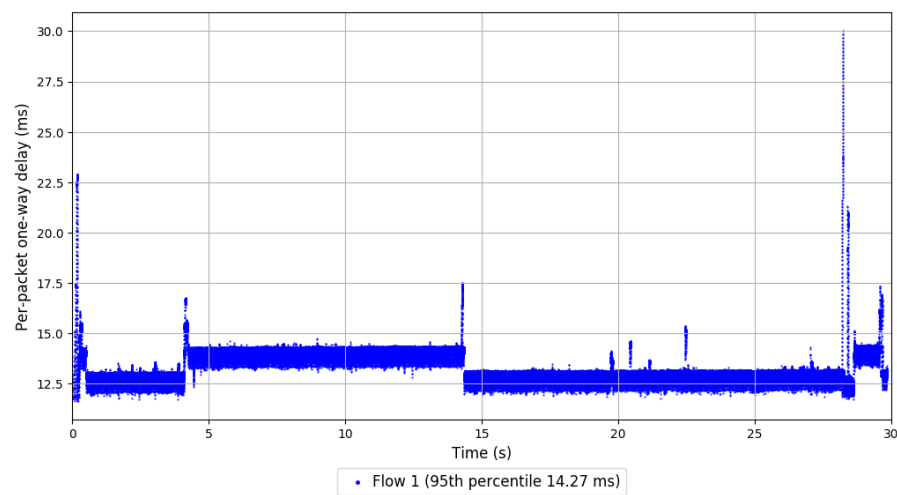
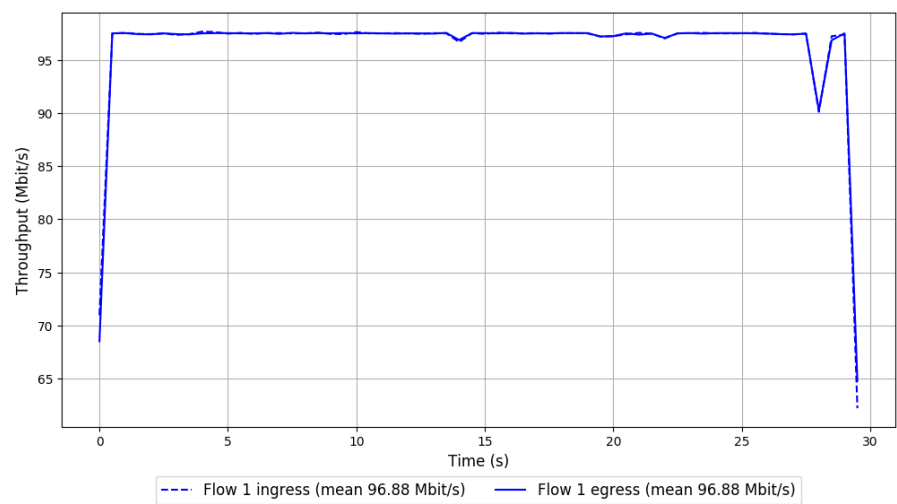
-- Flow 1:

Average throughput: 96.88 Mbit/s

95th percentile per-packet one-way delay: 14.266 ms

Loss rate: 0.00%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-03-06 03:06:53

End at: 2018-03-06 03:07:23

Local clock offset: 4.114 ms

Remote clock offset: -2.439 ms

Below is generated by plot.py at 2018-03-06 06:25:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.92 Mbit/s

95th percentile per-packet one-way delay: 12.755 ms

Loss rate: 0.00%

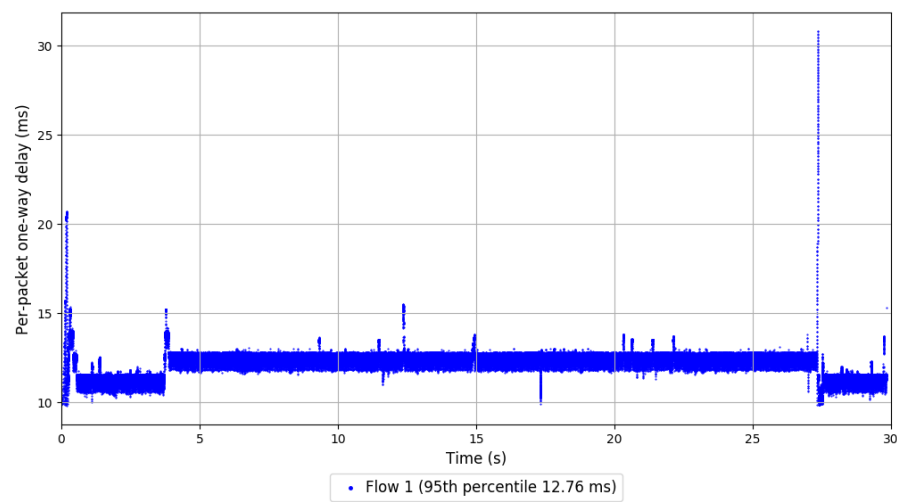
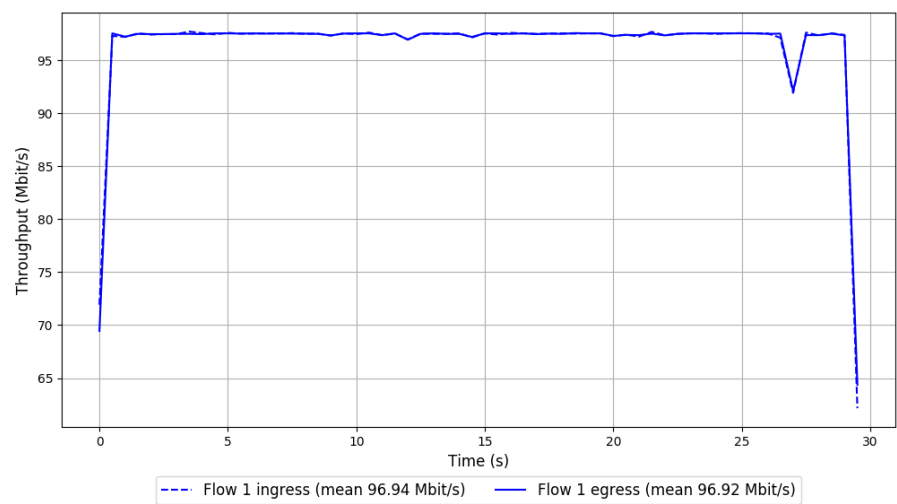
-- Flow 1:

Average throughput: 96.92 Mbit/s

95th percentile per-packet one-way delay: 12.755 ms

Loss rate: 0.00%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-03-06 03:28:02

End at: 2018-03-06 03:28:32

Local clock offset: 2.612 ms

Remote clock offset: 3.567 ms

Below is generated by plot.py at 2018-03-06 06:26:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 95.87 Mbit/s

95th percentile per-packet one-way delay: 14.514 ms

Loss rate: 0.11%

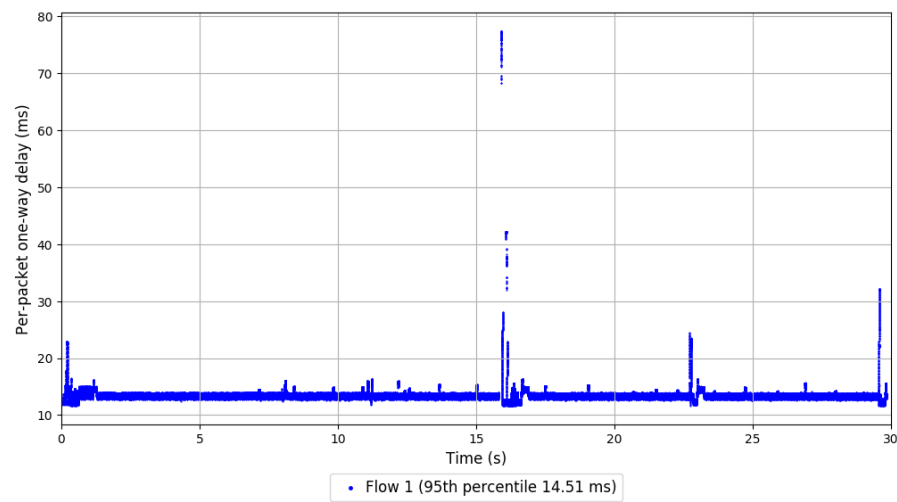
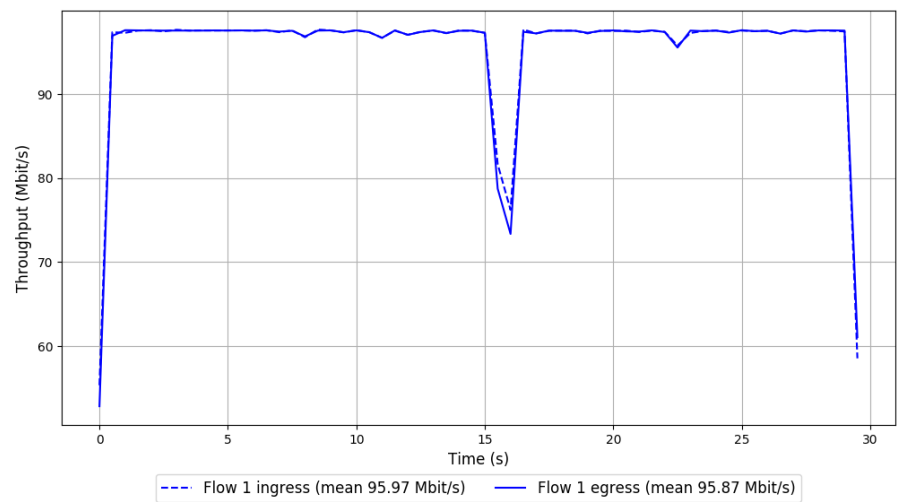
-- Flow 1:

Average throughput: 95.87 Mbit/s

95th percentile per-packet one-way delay: 14.514 ms

Loss rate: 0.11%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-03-06 03:49:13

End at: 2018-03-06 03:49:43

Local clock offset: 2.716 ms

Remote clock offset: 2.963 ms

Below is generated by plot.py at 2018-03-06 06:26:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.69 Mbit/s

95th percentile per-packet one-way delay: 13.751 ms

Loss rate: 0.00%

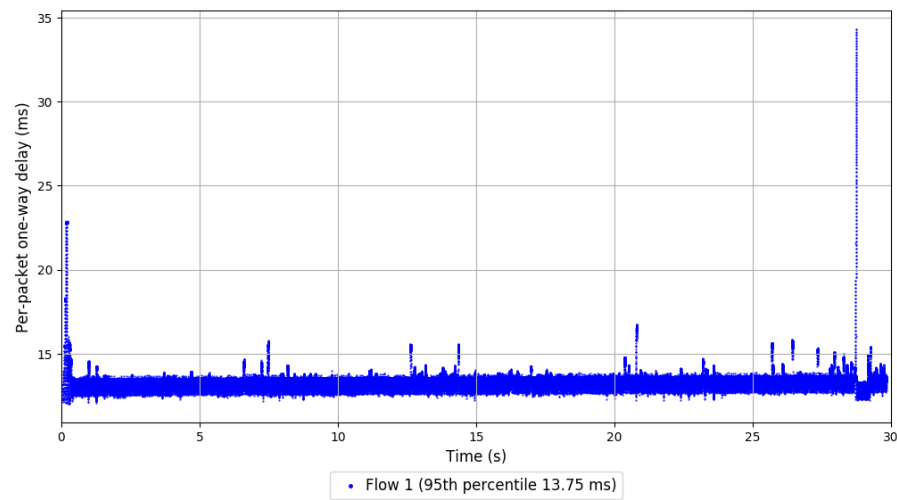
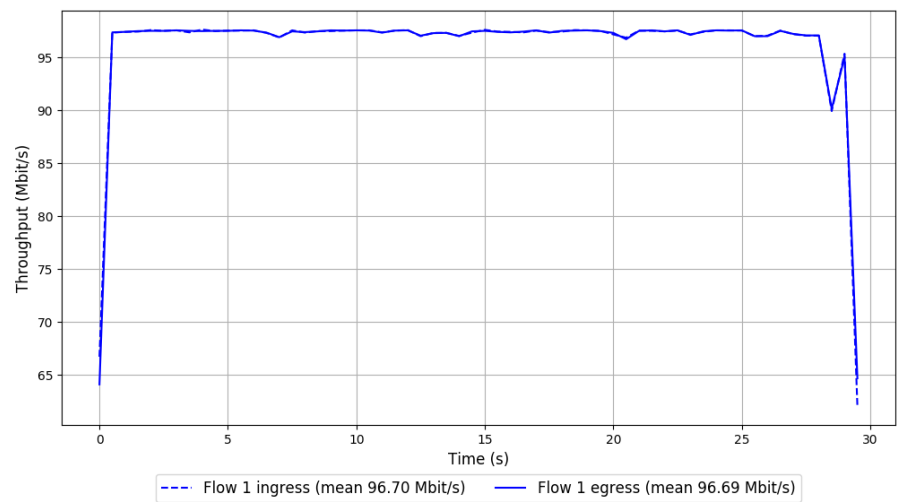
-- Flow 1:

Average throughput: 96.69 Mbit/s

95th percentile per-packet one-way delay: 13.751 ms

Loss rate: 0.00%

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



Run 7: Statistics of Indigo-1-32

Start at: 2018-03-06 04:10:43

End at: 2018-03-06 04:11:13

Local clock offset: 1.421 ms

Remote clock offset: -0.466 ms

Below is generated by plot.py at 2018-03-06 06:26:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.83 Mbit/s

95th percentile per-packet one-way delay: 11.990 ms

Loss rate: 0.00%

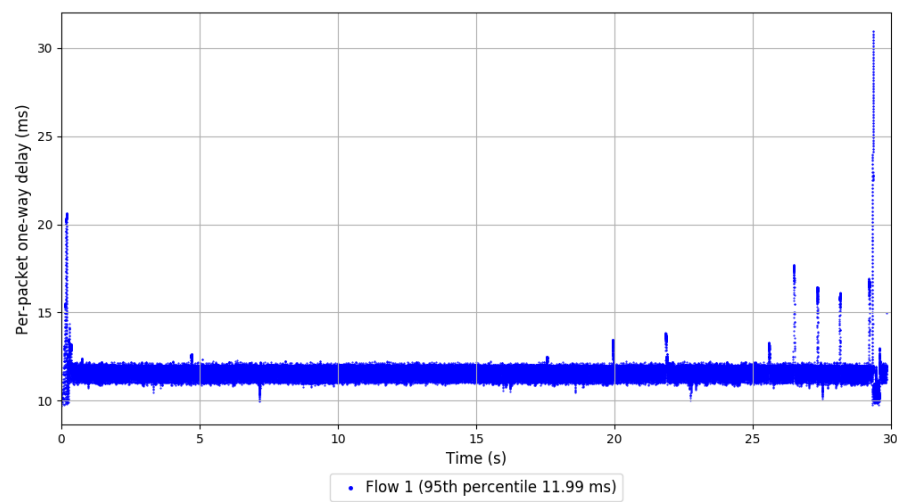
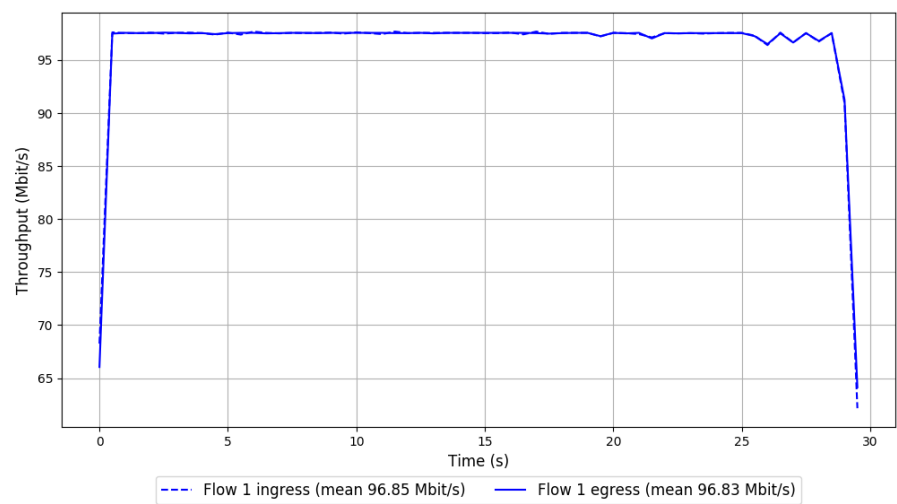
-- Flow 1:

Average throughput: 96.83 Mbit/s

95th percentile per-packet one-way delay: 11.990 ms

Loss rate: 0.00%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-03-06 04:32:24

End at: 2018-03-06 04:32:54

Local clock offset: 0.641 ms

Remote clock offset: 0.263 ms

Below is generated by plot.py at 2018-03-06 06:26:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.22 Mbit/s

95th percentile per-packet one-way delay: 14.352 ms

Loss rate: 0.06%

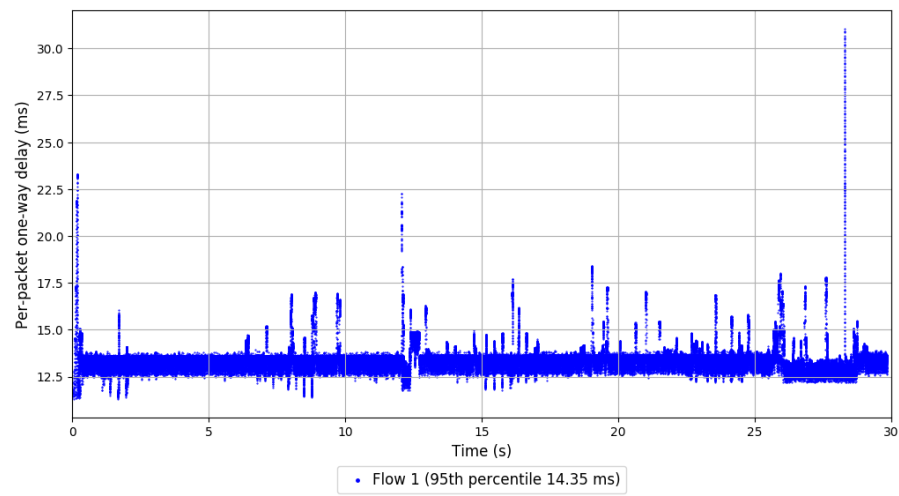
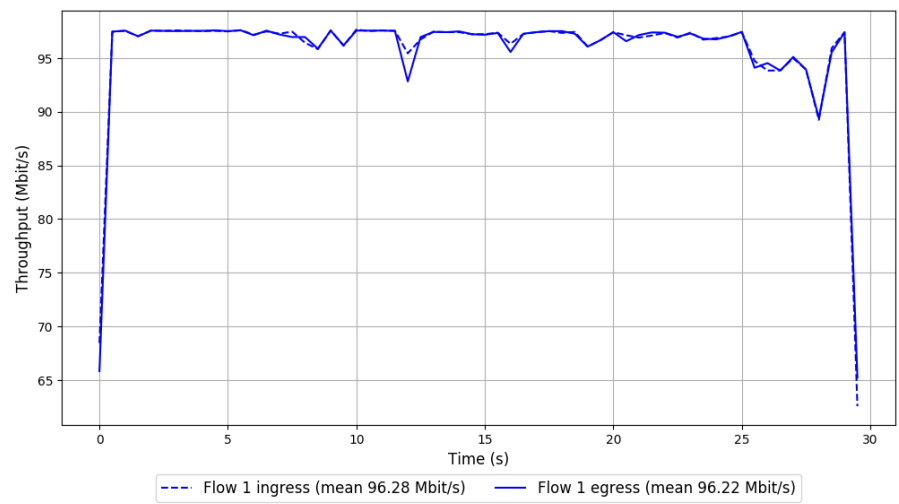
-- Flow 1:

Average throughput: 96.22 Mbit/s

95th percentile per-packet one-way delay: 14.352 ms

Loss rate: 0.06%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-03-06 04:54:39

End at: 2018-03-06 04:55:09

Local clock offset: 4.59 ms

Remote clock offset: 1.608 ms

Below is generated by plot.py at 2018-03-06 06:26:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 96.70 Mbit/s

95th percentile per-packet one-way delay: 12.362 ms

Loss rate: 0.00%

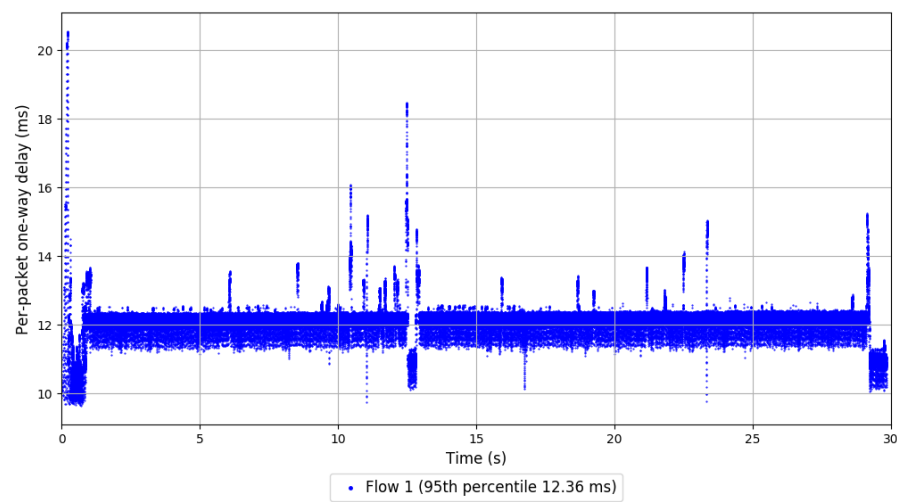
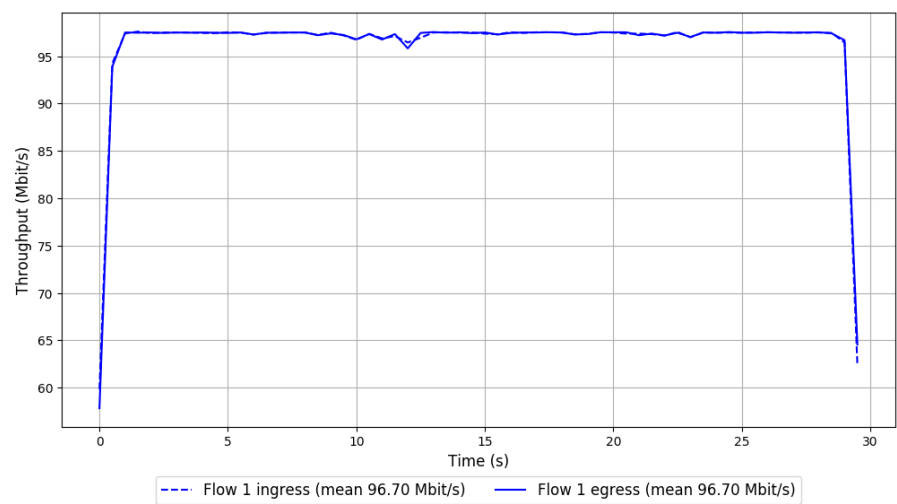
-- Flow 1:

Average throughput: 96.70 Mbit/s

95th percentile per-packet one-way delay: 12.362 ms

Loss rate: 0.00%

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

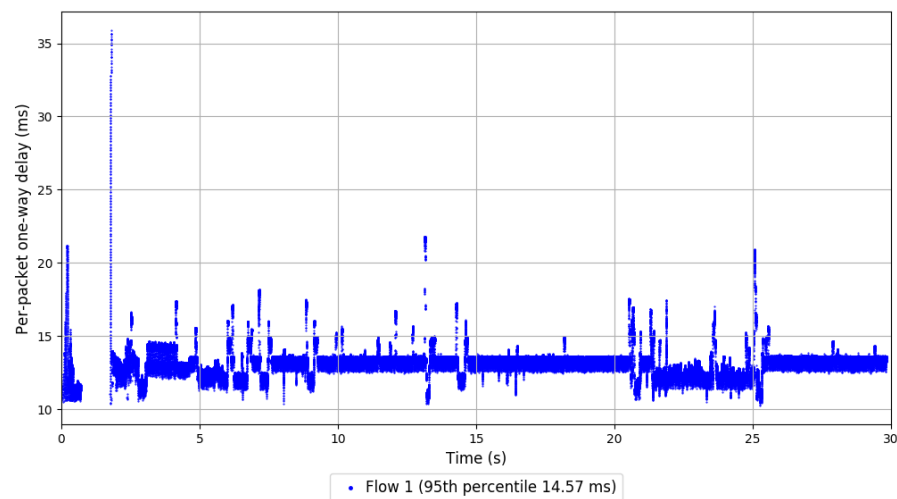
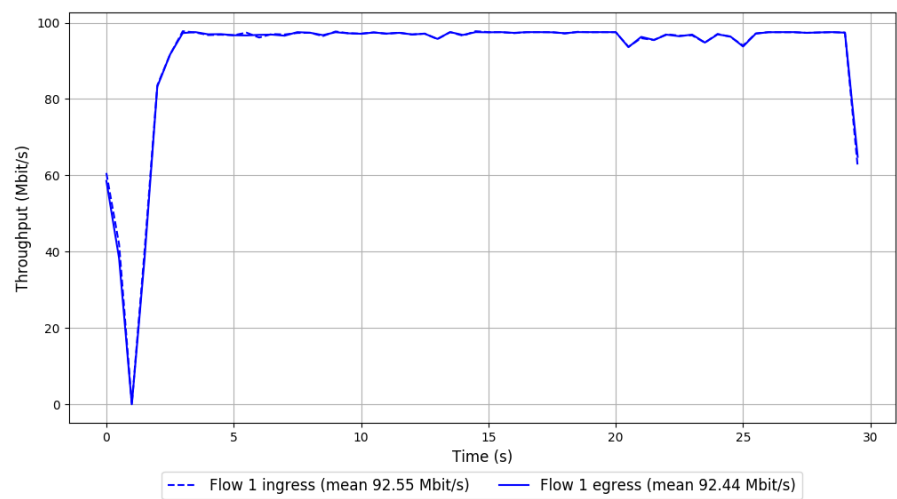


Run 10: Statistics of Indigo-1-32

Start at: 2018-03-06 05:16:31
End at: 2018-03-06 05:17:01
Local clock offset: 3.684 ms
Remote clock offset: -0.568 ms

Below is generated by plot.py at 2018-03-06 06:26:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 92.44 Mbit/s
95th percentile per-packet one-way delay: 14.570 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 92.44 Mbit/s
95th percentile per-packet one-way delay: 14.570 ms
Loss rate: 0.11%

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

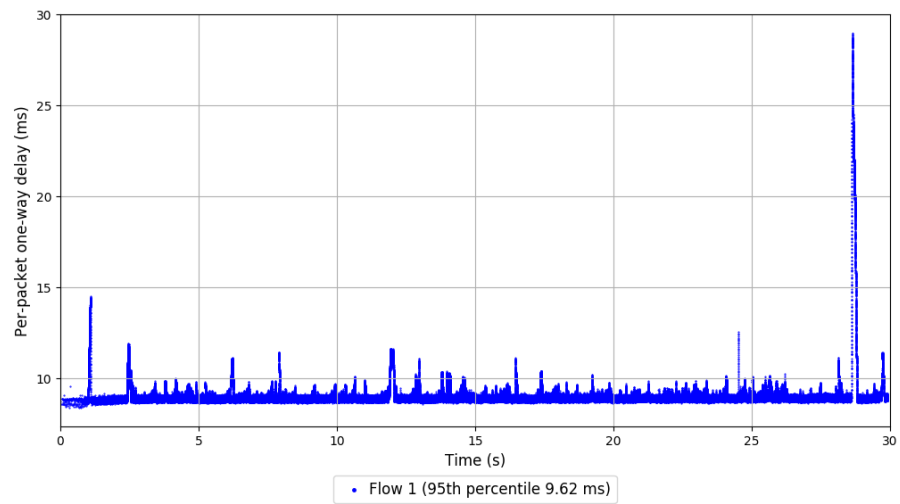
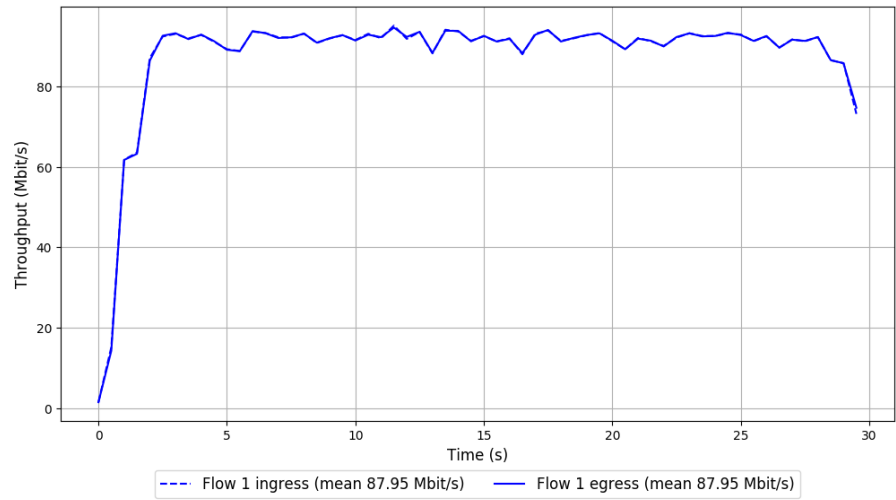


Run 1: Statistics of Vivace-latency

Start at: 2018-03-06 02:00:16
End at: 2018-03-06 02:00:46
Local clock offset: 3.751 ms
Remote clock offset: -3.515 ms

Below is generated by plot.py at 2018-03-06 06:26:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.95 Mbit/s
95th percentile per-packet one-way delay: 9.620 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.95 Mbit/s
95th percentile per-packet one-way delay: 9.620 ms
Loss rate: 0.00%

Run 1: Report of Vivace-latency — Data Link



Run 2: Statistics of Vivace-latency

Start at: 2018-03-06 02:21:11

End at: 2018-03-06 02:21:41

Local clock offset: 4.034 ms

Remote clock offset: 0.487 ms

Below is generated by plot.py at 2018-03-06 06:26:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.13 Mbit/s

95th percentile per-packet one-way delay: 10.088 ms

Loss rate: 0.00%

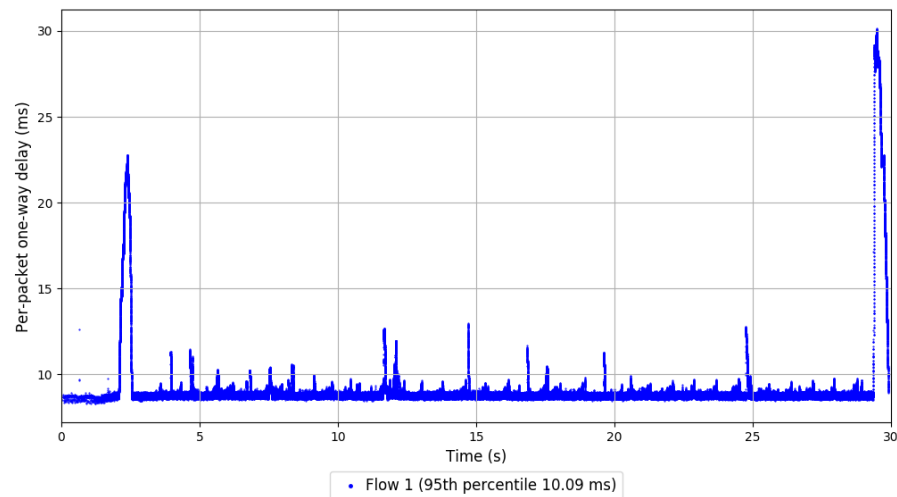
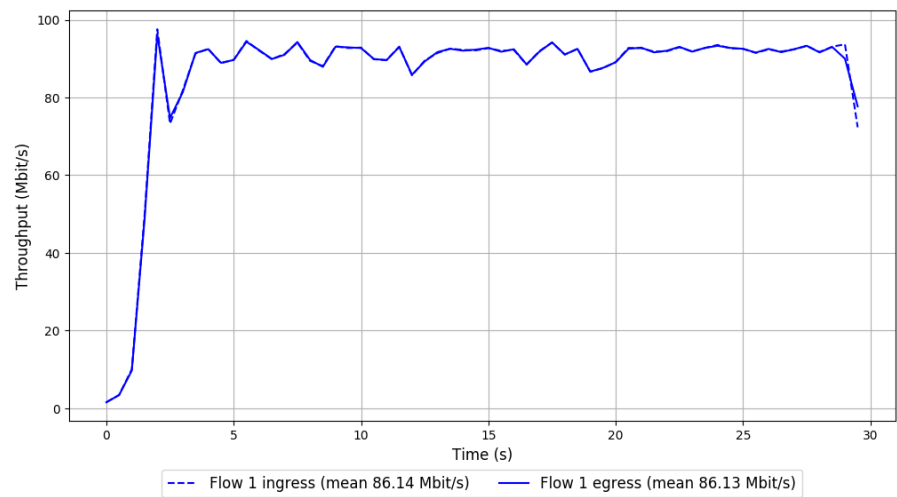
-- Flow 1:

Average throughput: 86.13 Mbit/s

95th percentile per-packet one-way delay: 10.088 ms

Loss rate: 0.00%

Run 2: Report of Vivace-latency — Data Link



Run 3: Statistics of Vivace-latency

Start at: 2018-03-06 02:42:09

End at: 2018-03-06 02:42:39

Local clock offset: 4.744 ms

Remote clock offset: 0.345 ms

Below is generated by plot.py at 2018-03-06 06:27:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.89 Mbit/s

95th percentile per-packet one-way delay: 10.723 ms

Loss rate: 0.00%

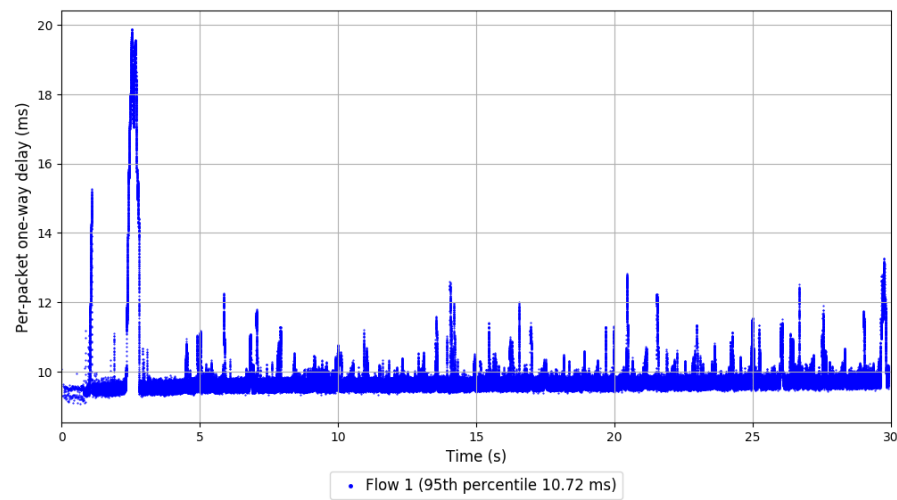
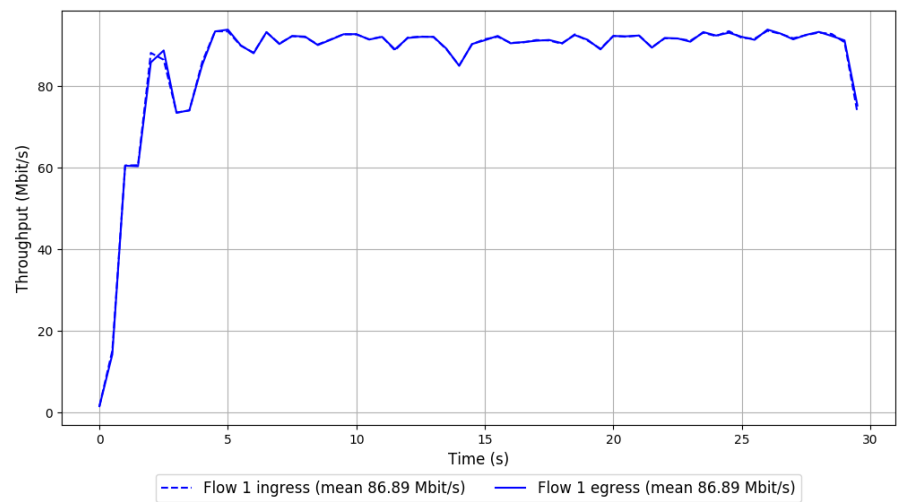
-- Flow 1:

Average throughput: 86.89 Mbit/s

95th percentile per-packet one-way delay: 10.723 ms

Loss rate: 0.00%

Run 3: Report of Vivace-latency — Data Link

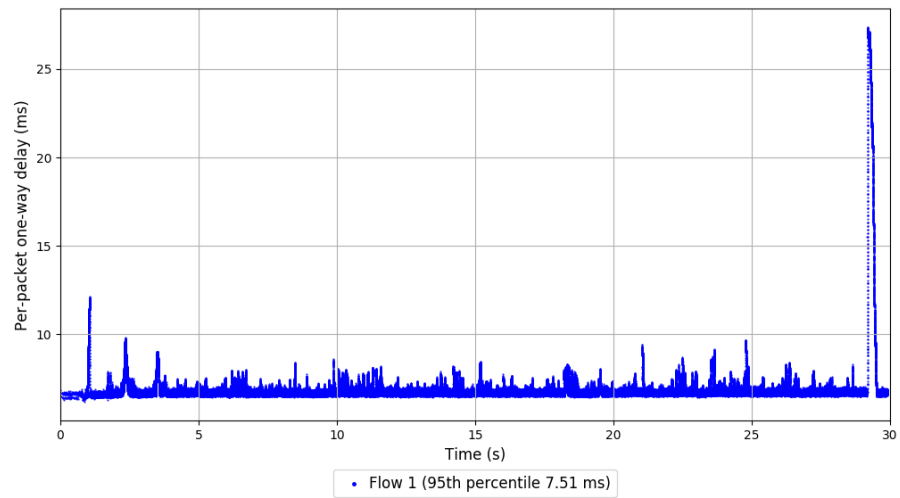
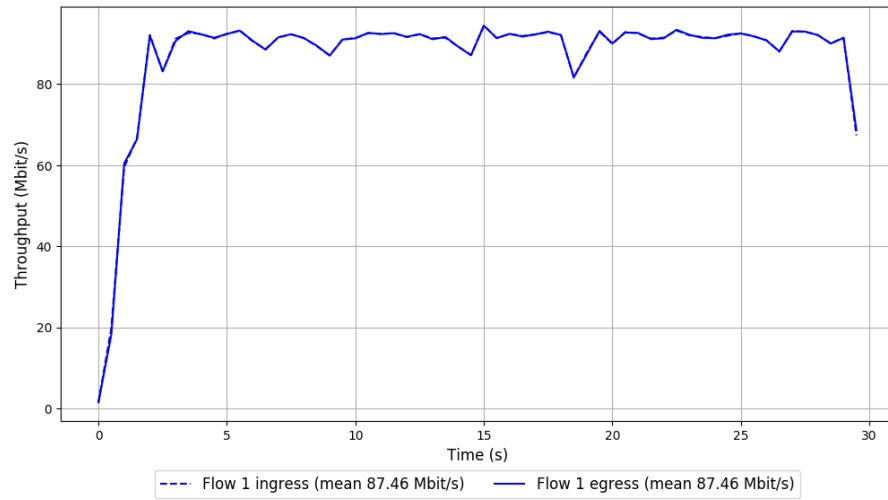


Run 4: Statistics of Vivace-latency

Start at: 2018-03-06 03:03:21
End at: 2018-03-06 03:03:51
Local clock offset: 4.908 ms
Remote clock offset: -4.917 ms

Below is generated by plot.py at 2018-03-06 06:27:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 87.46 Mbit/s
95th percentile per-packet one-way delay: 7.508 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 87.46 Mbit/s
95th percentile per-packet one-way delay: 7.508 ms
Loss rate: 0.00%

Run 4: Report of Vivace-latency — Data Link



Run 5: Statistics of Vivace-latency

Start at: 2018-03-06 03:24:30

End at: 2018-03-06 03:25:00

Local clock offset: 3.734 ms

Remote clock offset: 2.809 ms

Below is generated by plot.py at 2018-03-06 06:27:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.17 Mbit/s

95th percentile per-packet one-way delay: 12.866 ms

Loss rate: 0.00%

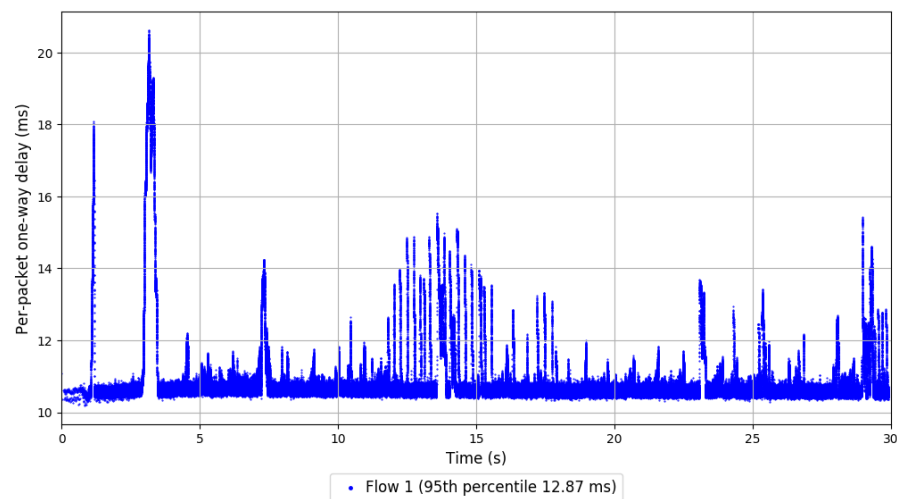
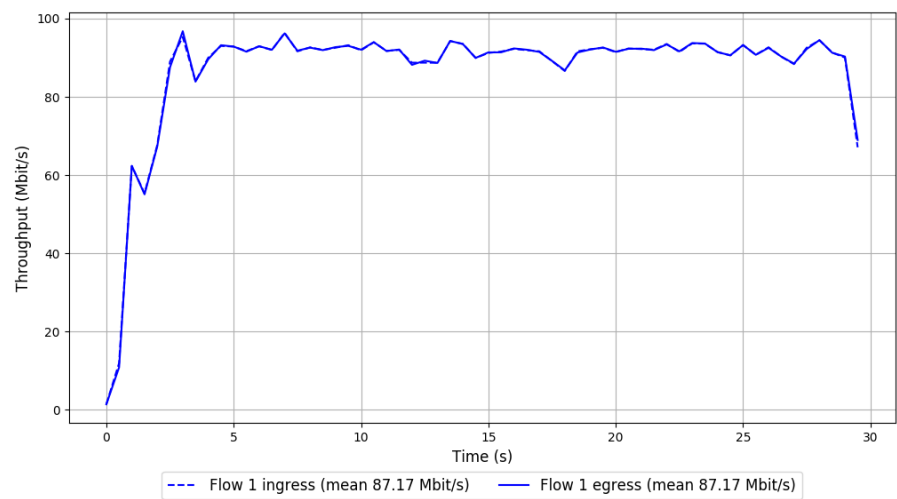
-- Flow 1:

Average throughput: 87.17 Mbit/s

95th percentile per-packet one-way delay: 12.866 ms

Loss rate: 0.00%

Run 5: Report of Vivace-latency — Data Link



Run 6: Statistics of Vivace-latency

Start at: 2018-03-06 03:45:35

End at: 2018-03-06 03:46:05

Local clock offset: 6.011 ms

Remote clock offset: 5.158 ms

Below is generated by plot.py at 2018-03-06 06:27:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.25 Mbit/s

95th percentile per-packet one-way delay: 10.806 ms

Loss rate: 0.00%

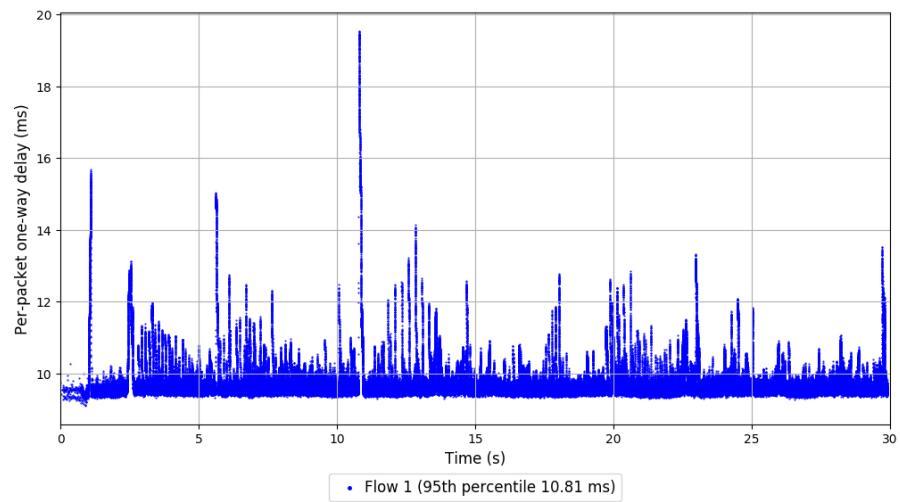
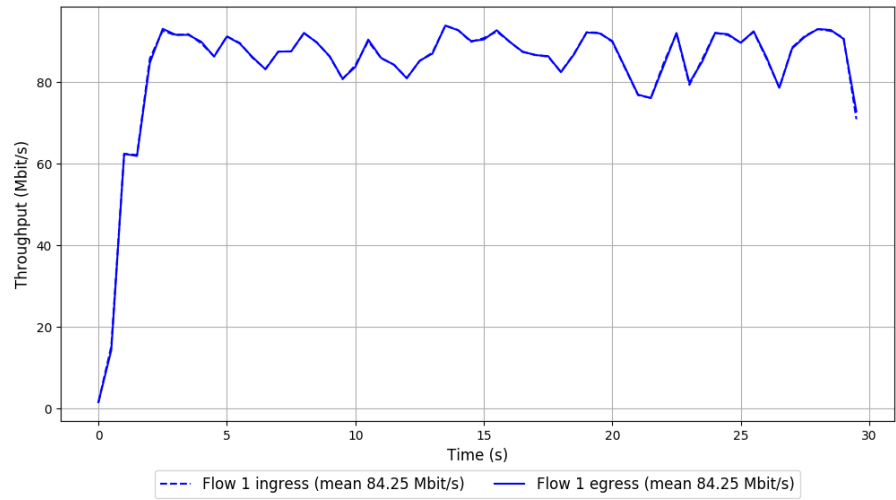
-- Flow 1:

Average throughput: 84.25 Mbit/s

95th percentile per-packet one-way delay: 10.806 ms

Loss rate: 0.00%

Run 6: Report of Vivace-latency — Data Link



Run 7: Statistics of Vivace-latency

Start at: 2018-03-06 04:07:06

End at: 2018-03-06 04:07:36

Local clock offset: 1.23 ms

Remote clock offset: 0.895 ms

Below is generated by plot.py at 2018-03-06 06:27:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.33 Mbit/s

95th percentile per-packet one-way delay: 12.479 ms

Loss rate: 0.00%

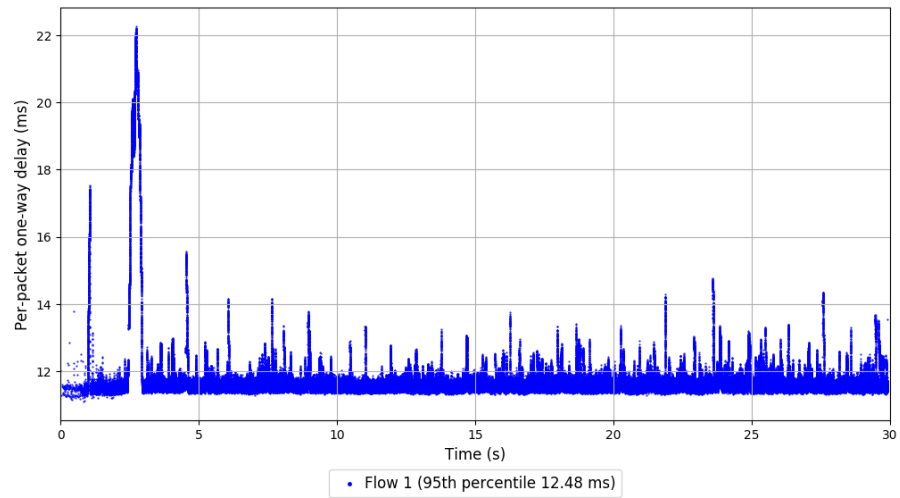
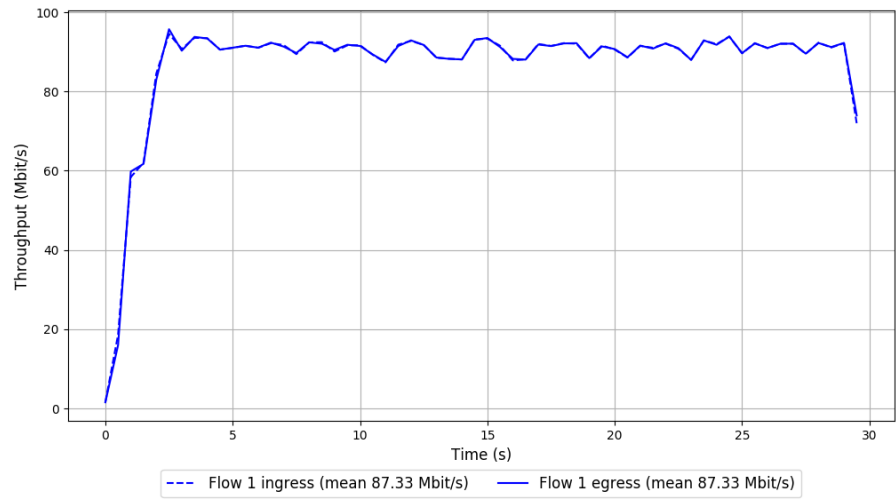
-- Flow 1:

Average throughput: 87.33 Mbit/s

95th percentile per-packet one-way delay: 12.479 ms

Loss rate: 0.00%

Run 7: Report of Vivace-latency — Data Link



Run 8: Statistics of Vivace-latency

Start at: 2018-03-06 04:28:31

End at: 2018-03-06 04:29:01

Local clock offset: 1.34 ms

Remote clock offset: 1.069 ms

Below is generated by plot.py at 2018-03-06 06:27:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.79 Mbit/s

95th percentile per-packet one-way delay: 11.879 ms

Loss rate: 0.00%

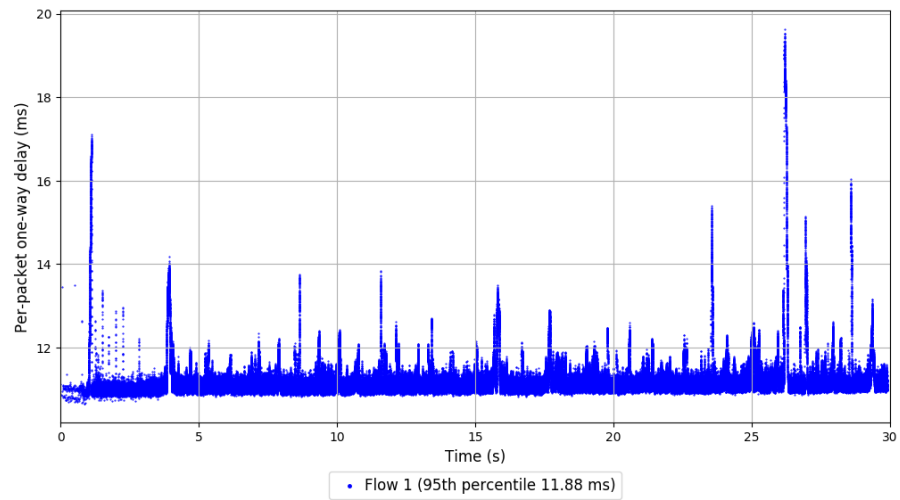
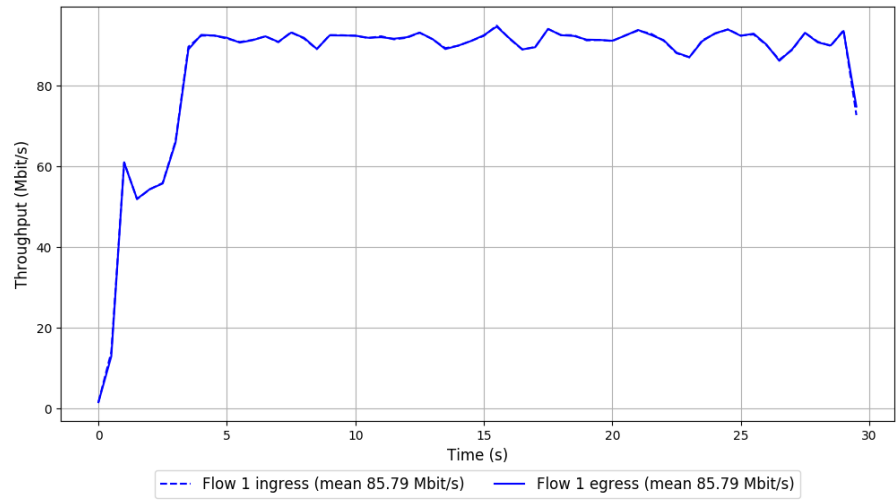
-- Flow 1:

Average throughput: 85.79 Mbit/s

95th percentile per-packet one-way delay: 11.879 ms

Loss rate: 0.00%

Run 8: Report of Vivace-latency — Data Link



Run 9: Statistics of Vivace-latency

Start at: 2018-03-06 04:50:43

End at: 2018-03-06 04:51:13

Local clock offset: 3.531 ms

Remote clock offset: 1.927 ms

Below is generated by plot.py at 2018-03-06 06:27:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.84 Mbit/s

95th percentile per-packet one-way delay: 14.002 ms

Loss rate: 0.00%

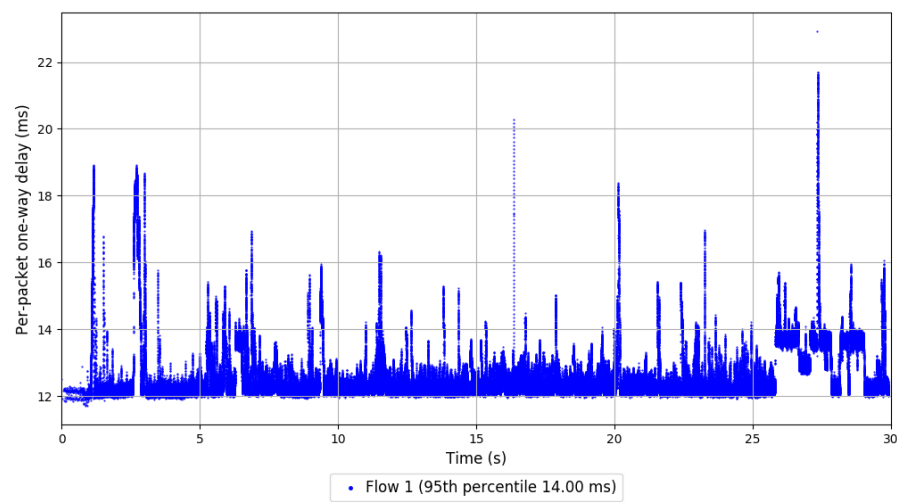
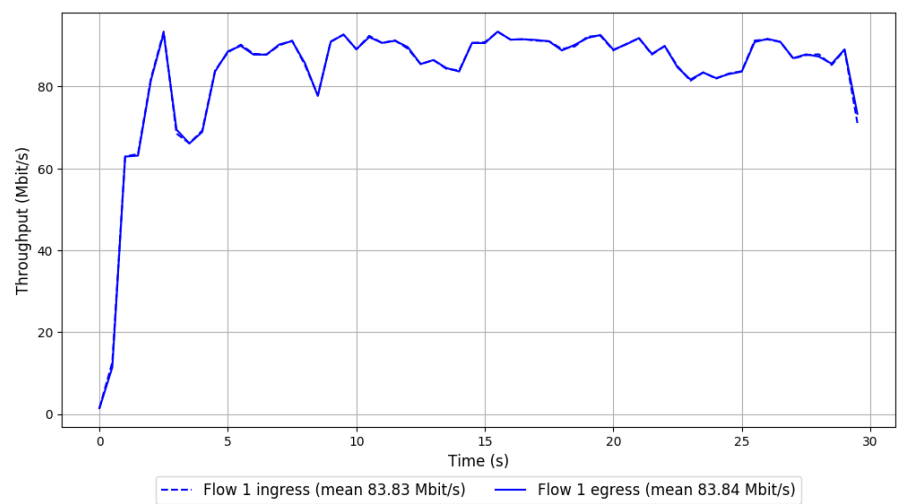
-- Flow 1:

Average throughput: 83.84 Mbit/s

95th percentile per-packet one-way delay: 14.002 ms

Loss rate: 0.00%

Run 9: Report of Vivace-latency — Data Link

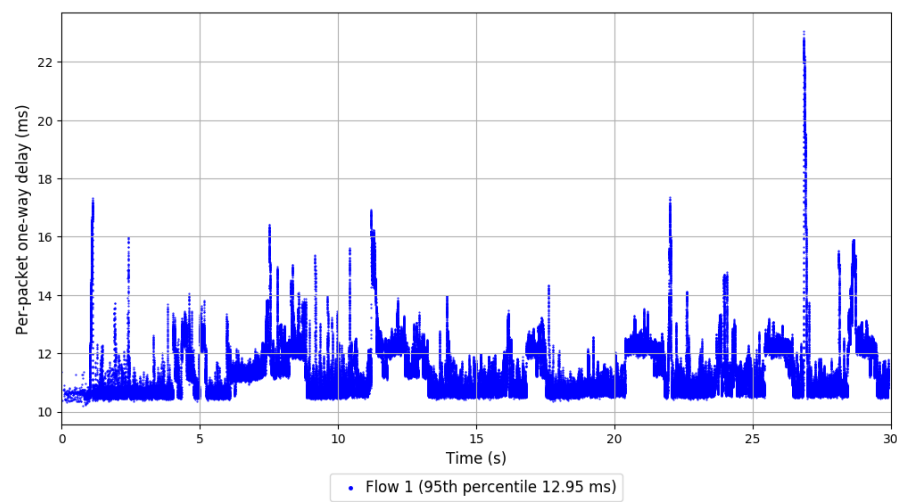
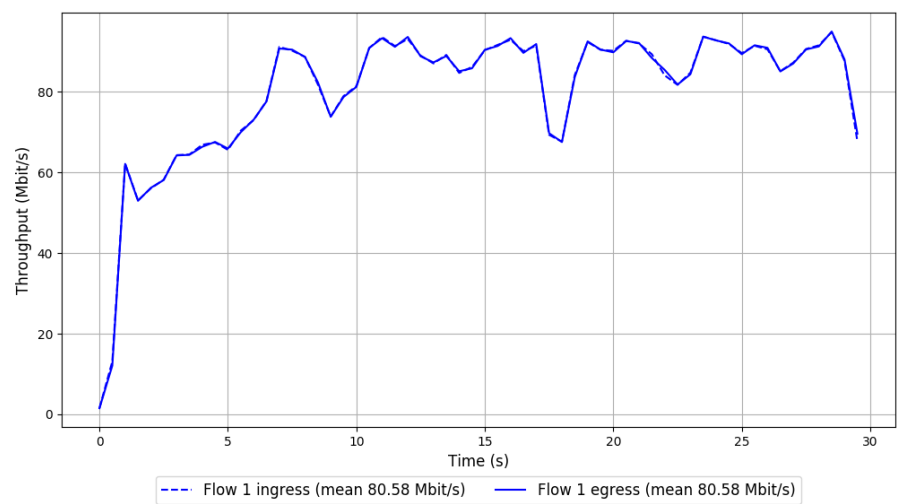


Run 10: Statistics of Vivace-latency

Start at: 2018-03-06 05:12:45
End at: 2018-03-06 05:13:15
Local clock offset: 3.563 ms
Remote clock offset: -0.537 ms

Below is generated by plot.py at 2018-03-06 06:27:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.58 Mbit/s
95th percentile per-packet one-way delay: 12.947 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 80.58 Mbit/s
95th percentile per-packet one-way delay: 12.947 ms
Loss rate: 0.00%

Run 10: Report of Vivace-latency — Data Link

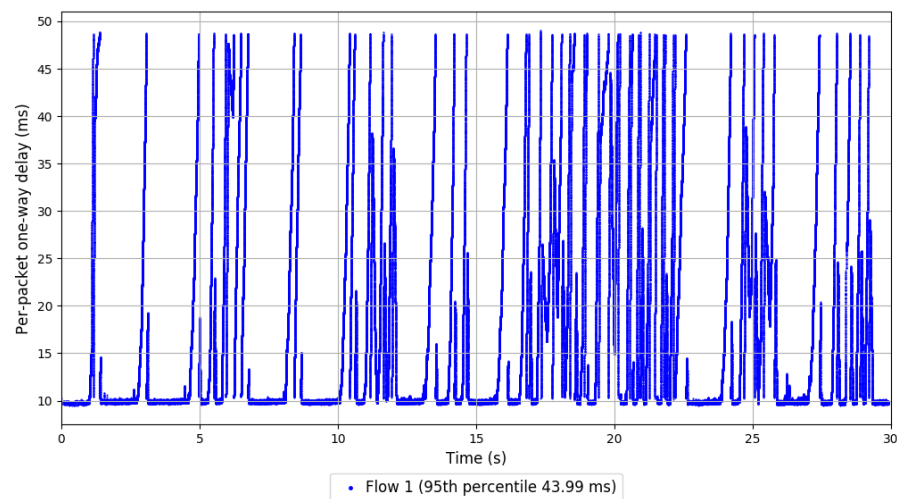
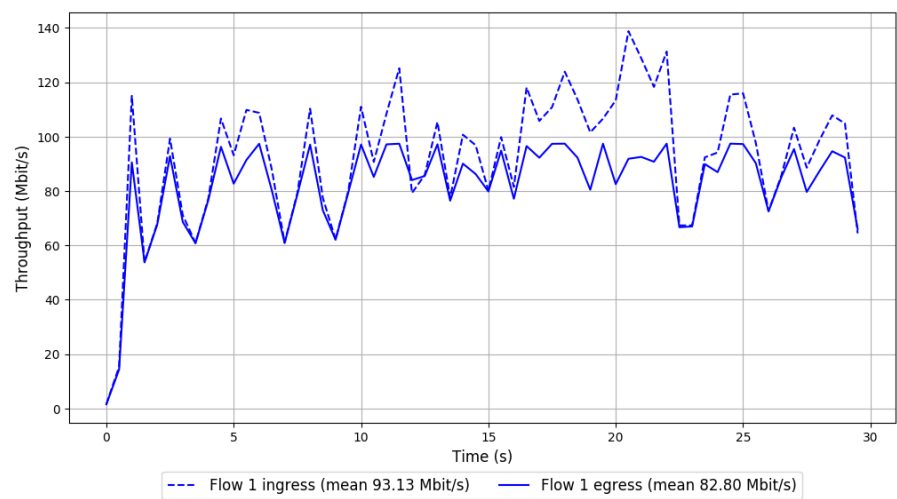


```
Run 1: Statistics of Vivace-loss

Start at: 2018-03-06 02:10:41
End at: 2018-03-06 02:11:11
Local clock offset: 2.062 ms
Remote clock offset: -1.256 ms

# Below is generated by plot.py at 2018-03-06 06:28:52
# Datalink statistics
-- Total of 1 flow:
Average throughput: 82.80 Mbit/s
95th percentile per-packet one-way delay: 43.993 ms
Loss rate: 11.09%
-- Flow 1:
Average throughput: 82.80 Mbit/s
95th percentile per-packet one-way delay: 43.993 ms
Loss rate: 11.09%
```

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-03-06 02:31:40

End at: 2018-03-06 02:32:10

Local clock offset: 2.056 ms

Remote clock offset: 2.273 ms

Below is generated by plot.py at 2018-03-06 06:29:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.41 Mbit/s

95th percentile per-packet one-way delay: 42.938 ms

Loss rate: 7.97%

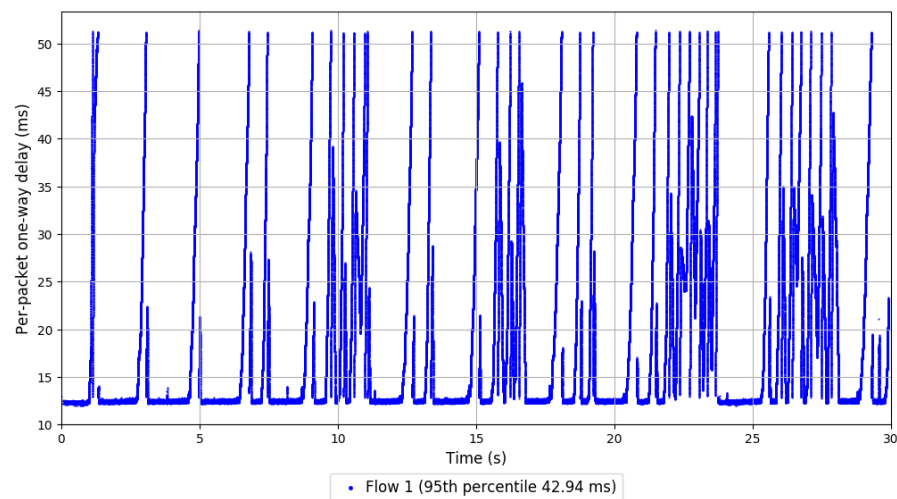
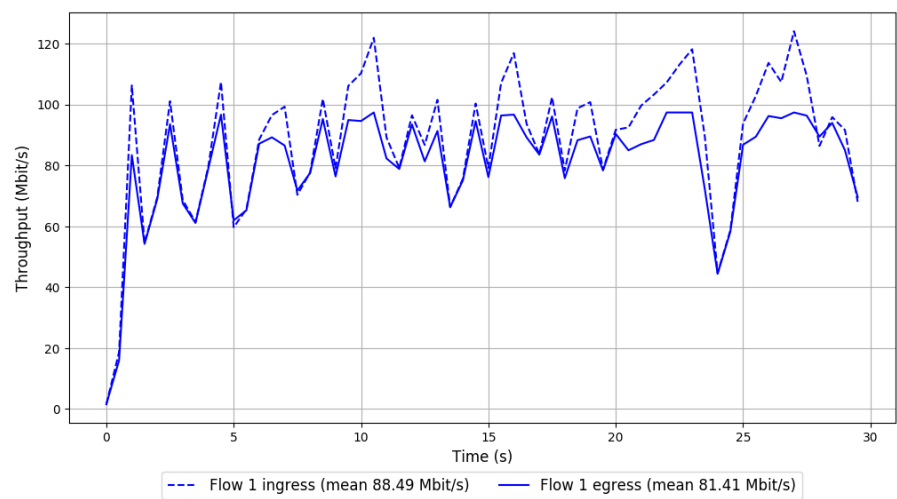
-- Flow 1:

Average throughput: 81.41 Mbit/s

95th percentile per-packet one-way delay: 42.938 ms

Loss rate: 7.97%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-03-06 02:52:52

End at: 2018-03-06 02:53:23

Local clock offset: 4.316 ms

Remote clock offset: -1.189 ms

Below is generated by plot.py at 2018-03-06 06:29:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.92 Mbit/s

95th percentile per-packet one-way delay: 43.169 ms

Loss rate: 9.05%

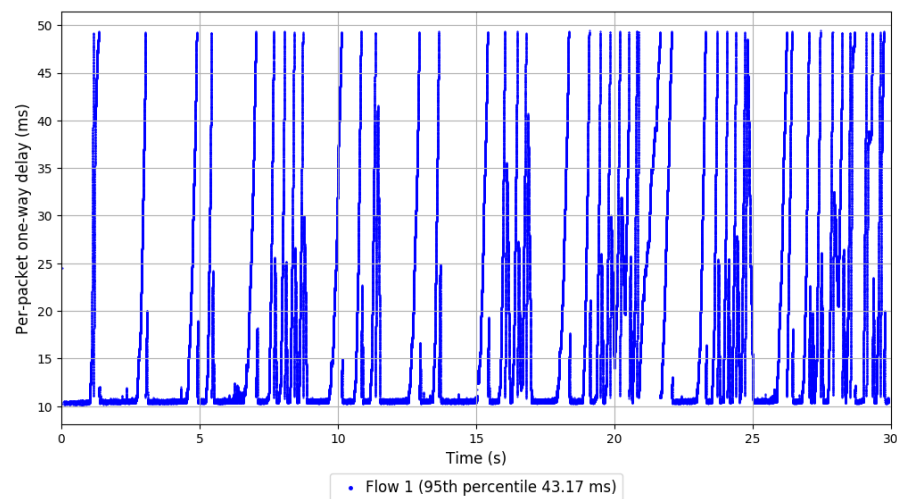
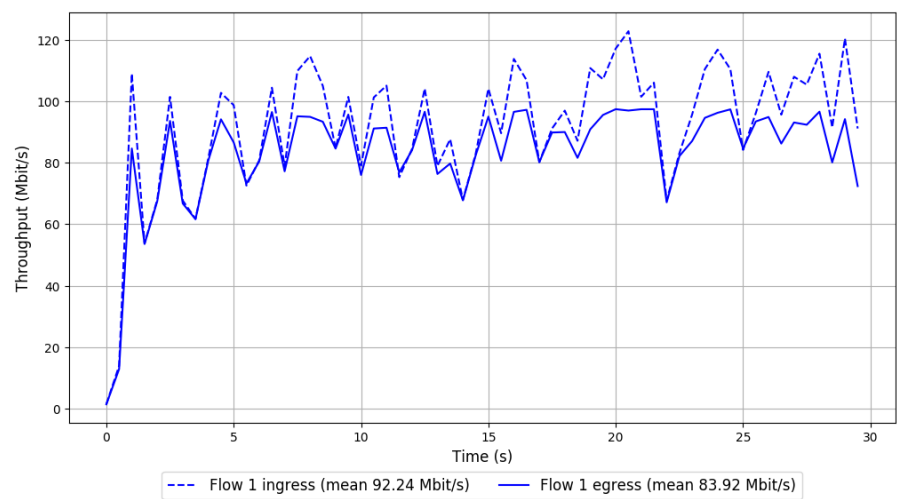
-- Flow 1:

Average throughput: 83.92 Mbit/s

95th percentile per-packet one-way delay: 43.169 ms

Loss rate: 9.05%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-03-06 03:13:50

End at: 2018-03-06 03:14:20

Local clock offset: 1.42 ms

Remote clock offset: -1.475 ms

Below is generated by plot.py at 2018-03-06 06:29:13

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.08 Mbit/s

95th percentile per-packet one-way delay: 45.710 ms

Loss rate: 10.42%

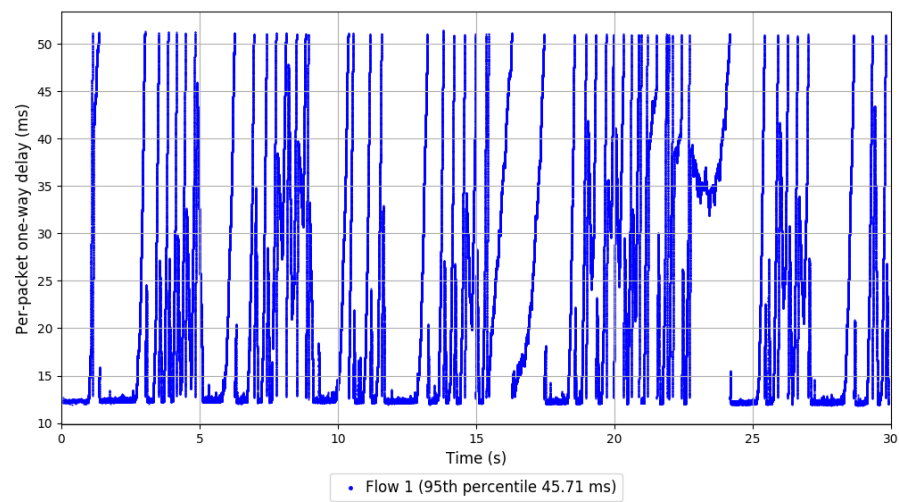
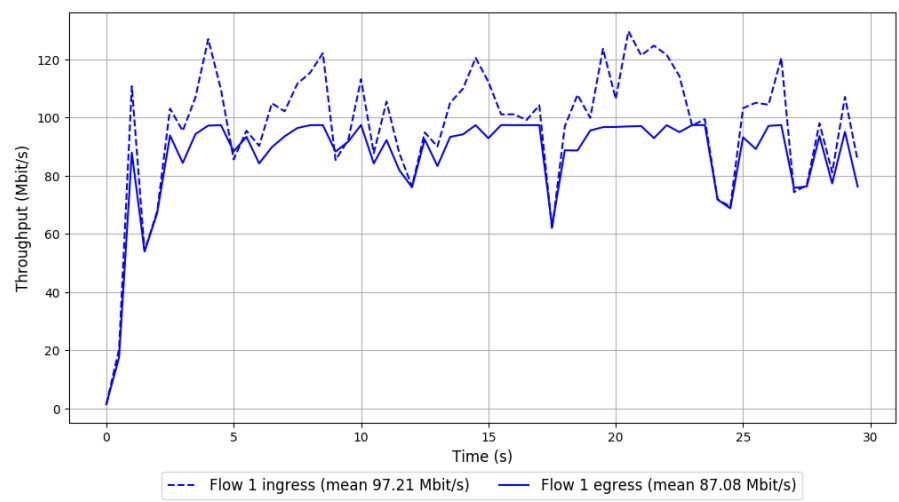
-- Flow 1:

Average throughput: 87.08 Mbit/s

95th percentile per-packet one-way delay: 45.710 ms

Loss rate: 10.42%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-03-06 03:35:00

End at: 2018-03-06 03:35:30

Local clock offset: 5.456 ms

Remote clock offset: 4.138 ms

Below is generated by plot.py at 2018-03-06 06:29:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.15 Mbit/s

95th percentile per-packet one-way delay: 42.563 ms

Loss rate: 10.49%

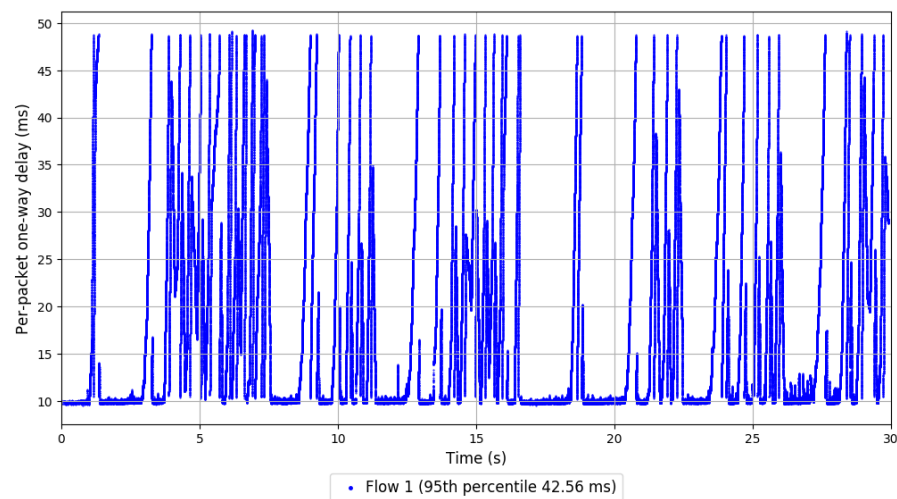
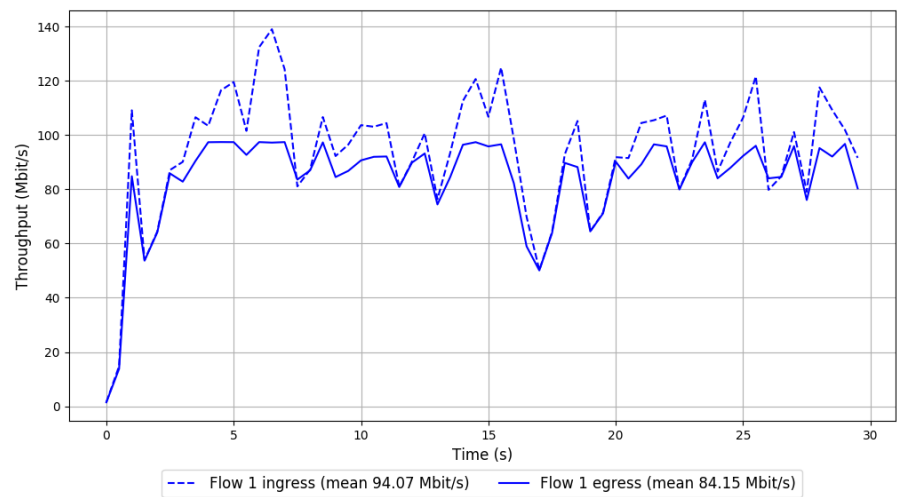
-- Flow 1:

Average throughput: 84.15 Mbit/s

95th percentile per-packet one-way delay: 42.563 ms

Loss rate: 10.49%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-03-06 03:56:22

End at: 2018-03-06 03:56:52

Local clock offset: 5.18 ms

Remote clock offset: 0.889 ms

Below is generated by plot.py at 2018-03-06 06:29:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 86.72 Mbit/s

95th percentile per-packet one-way delay: 42.505 ms

Loss rate: 12.60%

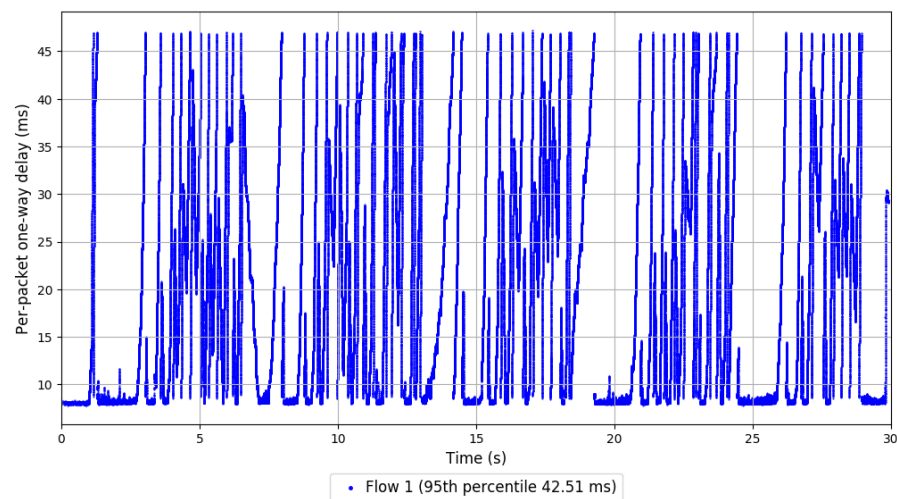
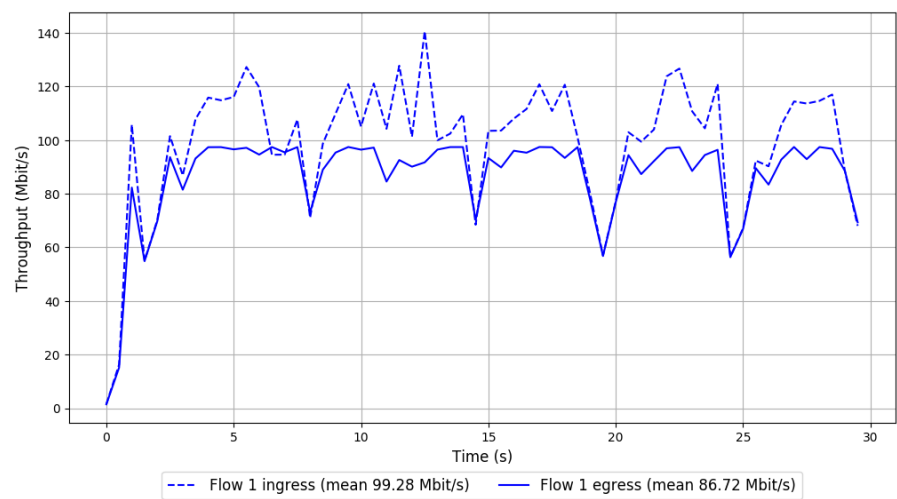
-- Flow 1:

Average throughput: 86.72 Mbit/s

95th percentile per-packet one-way delay: 42.505 ms

Loss rate: 12.60%

Run 6: Report of Vivace-loss — Data Link

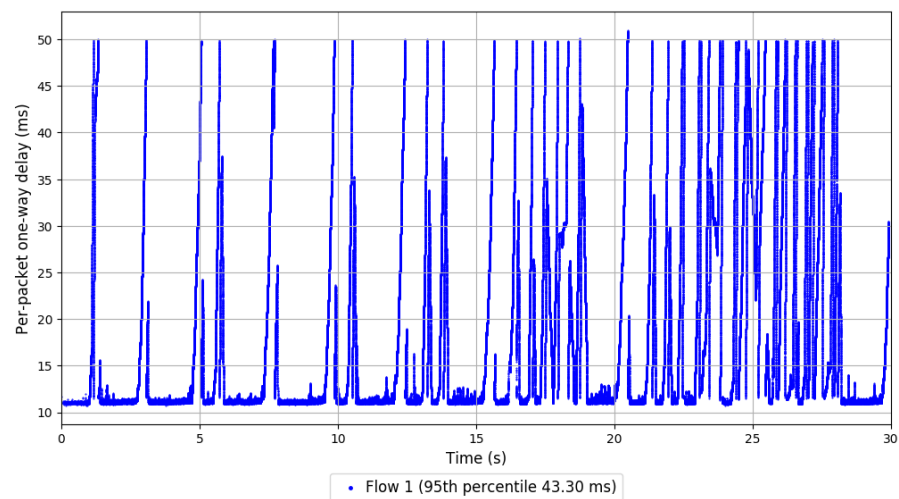
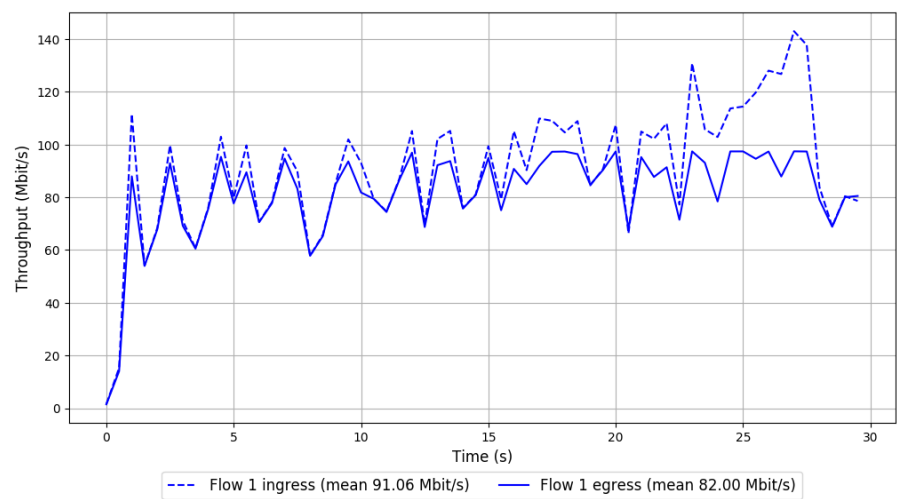


Run 7: Statistics of Vivace-loss

Start at: 2018-03-06 04:17:46
End at: 2018-03-06 04:18:16
Local clock offset: -1.329 ms
Remote clock offset: -1.609 ms

Below is generated by plot.py at 2018-03-06 06:29:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.00 Mbit/s
95th percentile per-packet one-way delay: 43.295 ms
Loss rate: 9.89%
-- Flow 1:
Average throughput: 82.00 Mbit/s
95th percentile per-packet one-way delay: 43.295 ms
Loss rate: 9.89%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-03-06 04:39:43

End at: 2018-03-06 04:40:13

Local clock offset: 4.52 ms

Remote clock offset: 0.684 ms

Below is generated by plot.py at 2018-03-06 06:29:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 80.88 Mbit/s

95th percentile per-packet one-way delay: 41.326 ms

Loss rate: 6.39%

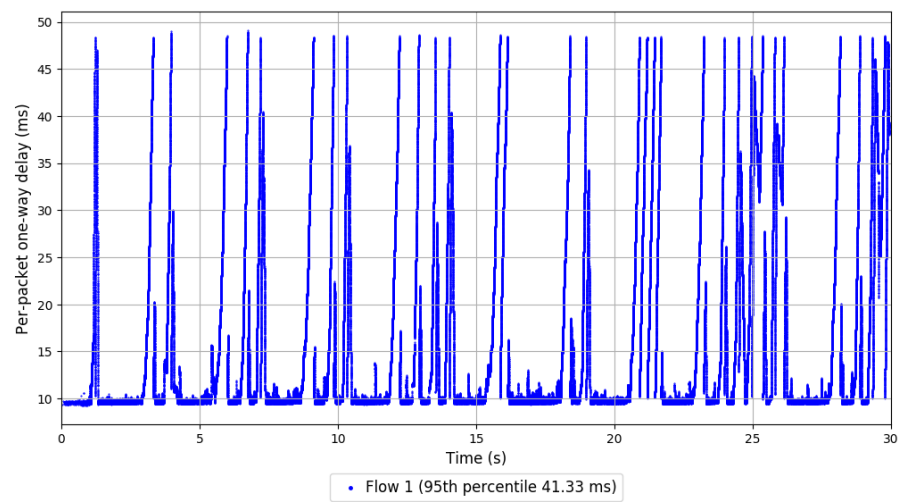
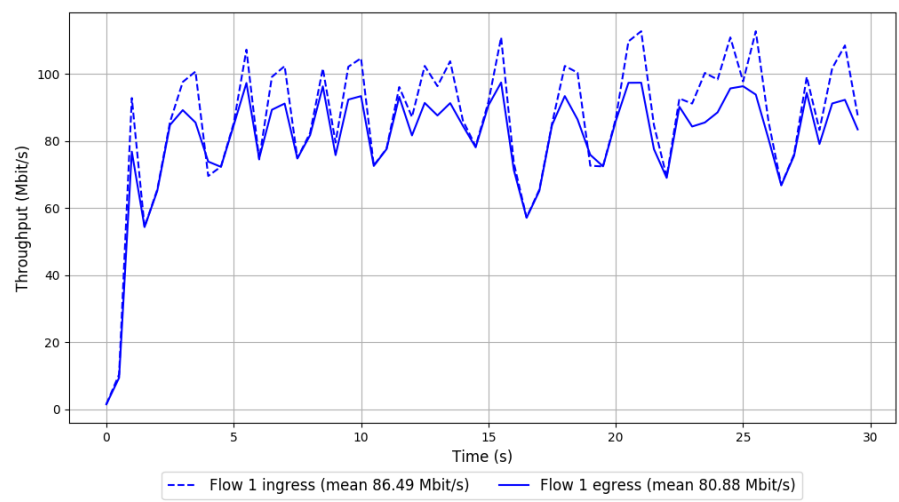
-- Flow 1:

Average throughput: 80.88 Mbit/s

95th percentile per-packet one-way delay: 41.326 ms

Loss rate: 6.39%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-03-06 05:01:42

End at: 2018-03-06 05:02:12

Local clock offset: 3.913 ms

Remote clock offset: 0.417 ms

Below is generated by plot.py at 2018-03-06 06:30:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.06 Mbit/s

95th percentile per-packet one-way delay: 41.802 ms

Loss rate: 7.17%

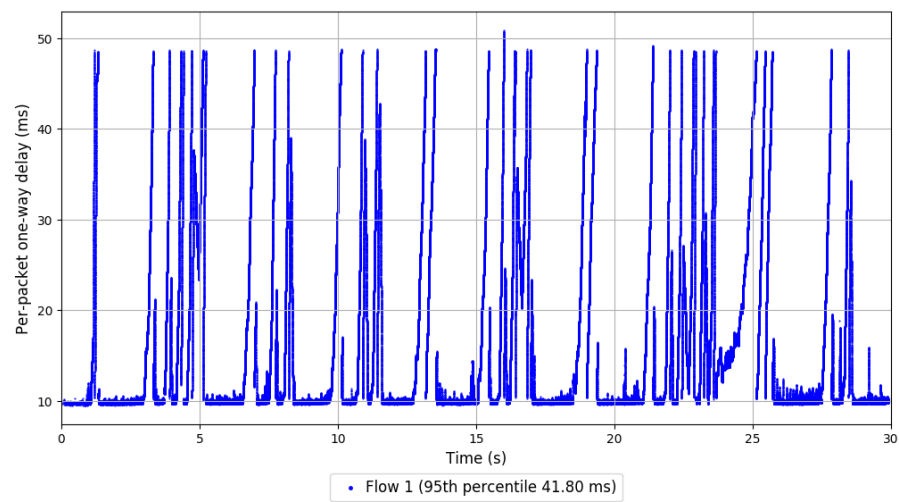
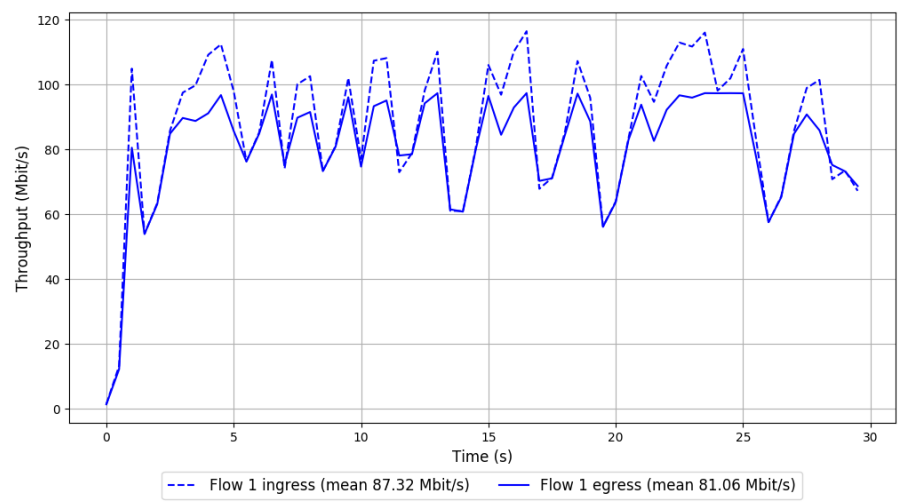
-- Flow 1:

Average throughput: 81.06 Mbit/s

95th percentile per-packet one-way delay: 41.802 ms

Loss rate: 7.17%

Run 9: Report of Vivace-loss — Data Link

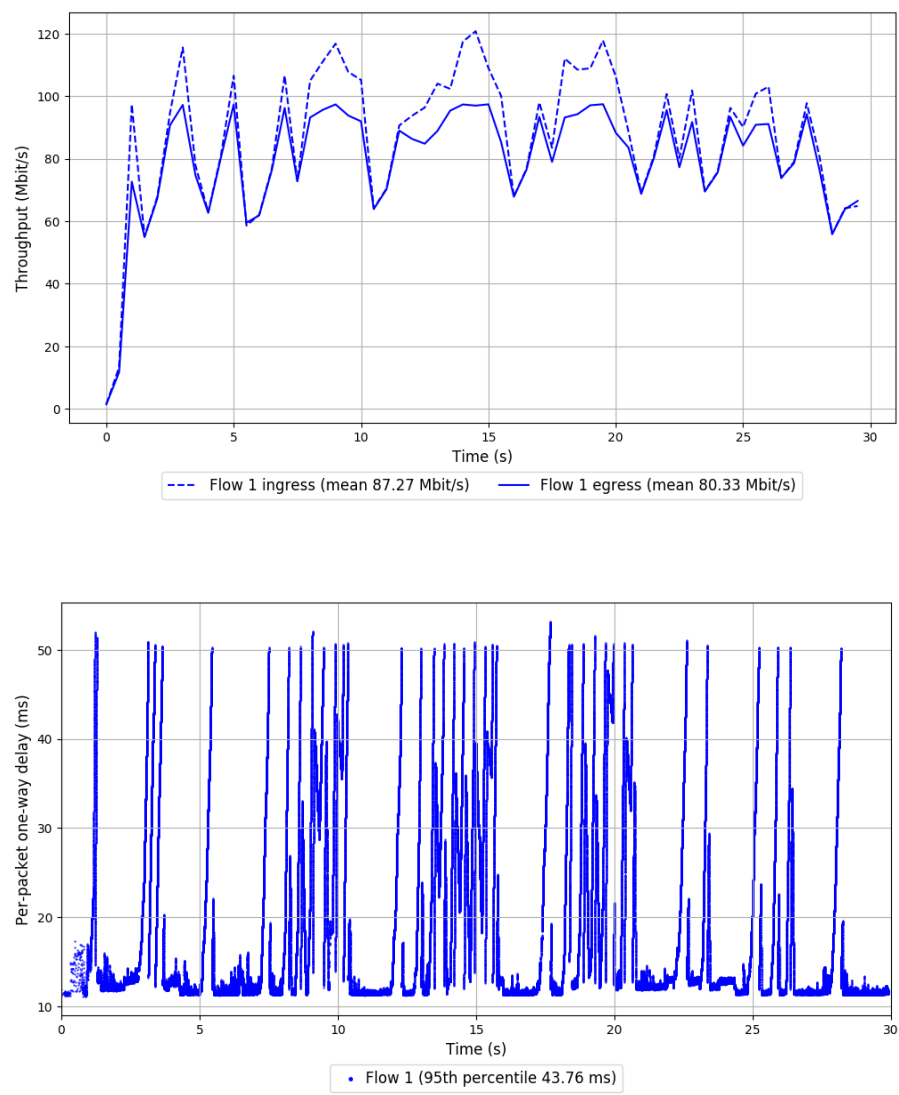


Run 10: Statistics of Vivace-loss

Start at: 2018-03-06 05:23:42
End at: 2018-03-06 05:24:12
Local clock offset: 3.31 ms
Remote clock offset: -0.293 ms

Below is generated by plot.py at 2018-03-06 06:30:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.33 Mbit/s
95th percentile per-packet one-way delay: 43.756 ms
Loss rate: 7.96%
-- Flow 1:
Average throughput: 80.33 Mbit/s
95th percentile per-packet one-way delay: 43.756 ms
Loss rate: 7.96%

Run 10: Report of Vivace-loss — Data Link

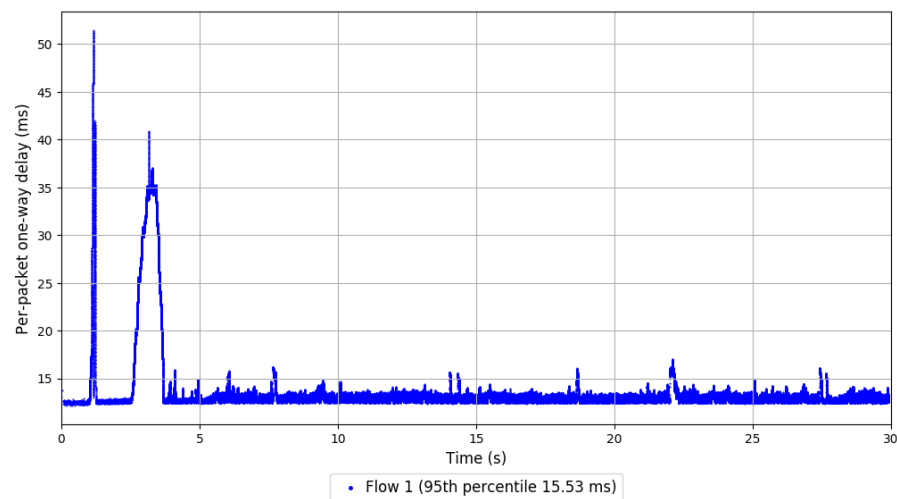
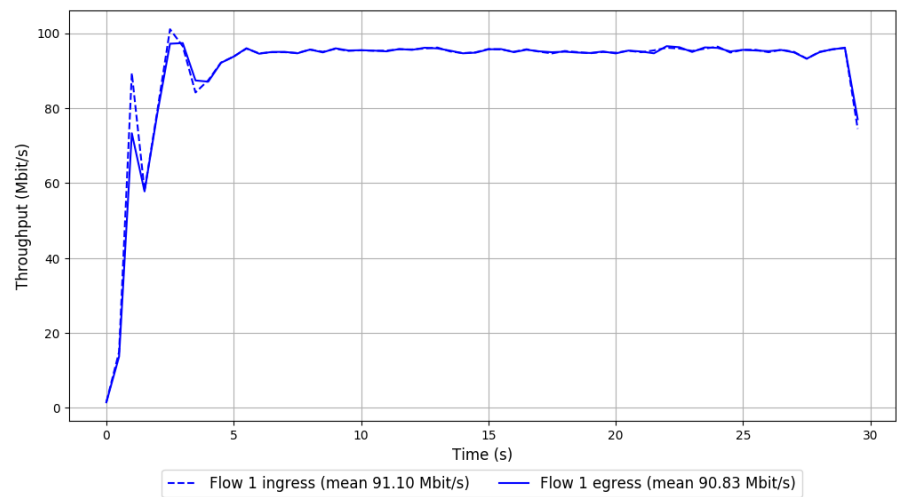


```
Run 1: Statistics of Vivace-LTE

Start at: 2018-03-06 02:16:37
End at: 2018-03-06 02:17:07
Local clock offset: 1.158 ms
Remote clock offset: 1.13 ms

# Below is generated by plot.py at 2018-03-06 06:30:33
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.83 Mbit/s
95th percentile per-packet one-way delay: 15.533 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 90.83 Mbit/s
95th percentile per-packet one-way delay: 15.533 ms
Loss rate: 0.29%
```


Run 1: Report of Vivace-LTE — Data Link



Run 2: Statistics of Vivace-LTE

Start at: 2018-03-06 02:37:32

End at: 2018-03-06 02:38:02

Local clock offset: 2.84 ms

Remote clock offset: 2.81 ms

Below is generated by plot.py at 2018-03-06 06:30:37

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.84 Mbit/s

95th percentile per-packet one-way delay: 15.277 ms

Loss rate: 0.29%

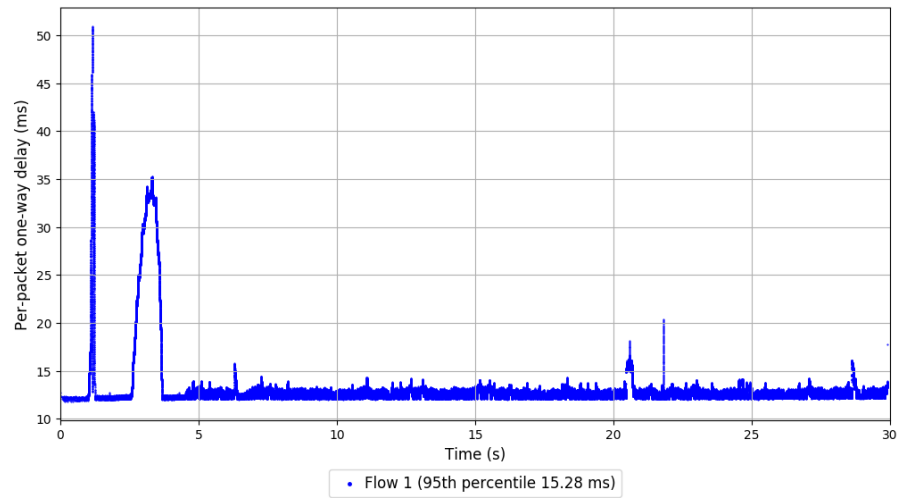
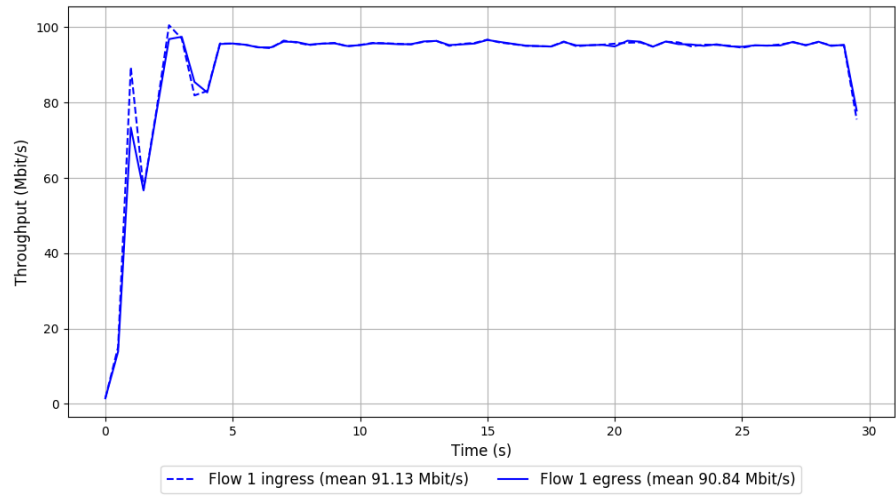
-- Flow 1:

Average throughput: 90.84 Mbit/s

95th percentile per-packet one-way delay: 15.277 ms

Loss rate: 0.29%

Run 2: Report of Vivace-LTE — Data Link

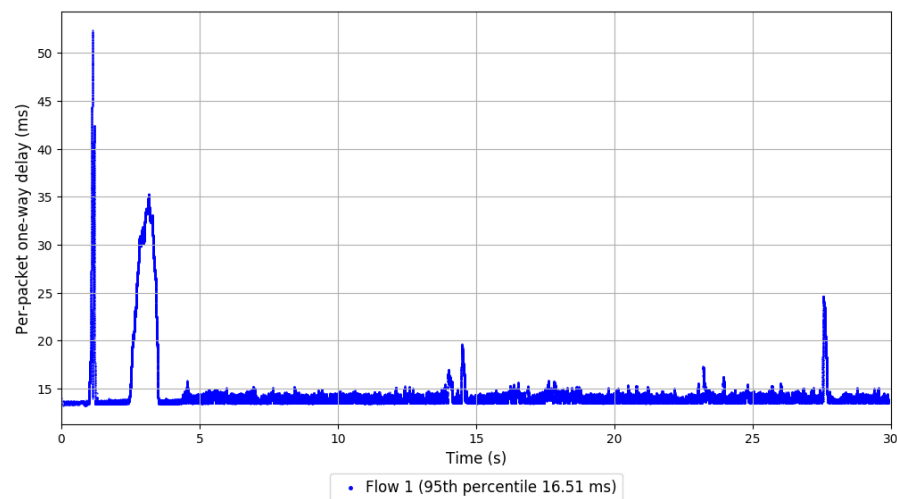
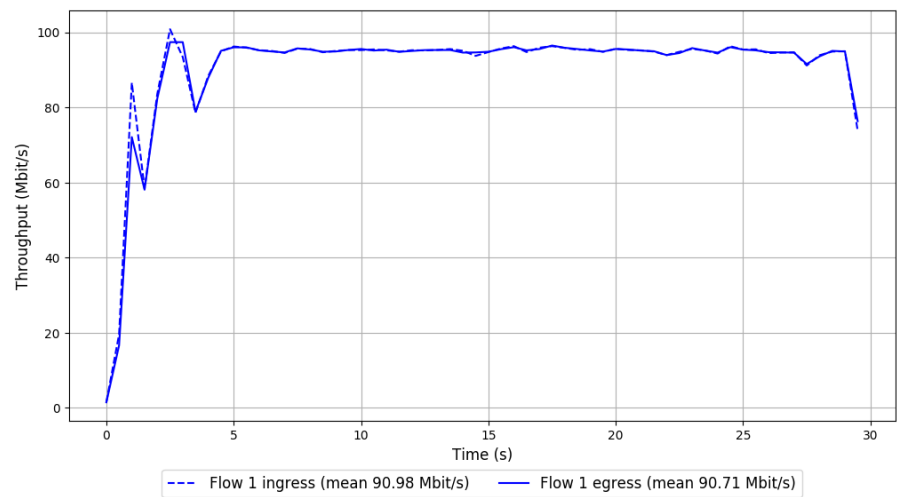


Run 3: Statistics of Vivace-LTE

Start at: 2018-03-06 02:58:46
End at: 2018-03-06 02:59:16
Local clock offset: 0.816 ms
Remote clock offset: -1.608 ms

Below is generated by plot.py at 2018-03-06 06:30:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.71 Mbit/s
95th percentile per-packet one-way delay: 16.509 ms
Loss rate: 0.30%
-- Flow 1:
Average throughput: 90.71 Mbit/s
95th percentile per-packet one-way delay: 16.509 ms
Loss rate: 0.30%

Run 3: Report of Vivace-LTE — Data Link



Run 4: Statistics of Vivace-LTE

Start at: 2018-03-06 03:19:44

End at: 2018-03-06 03:20:14

Local clock offset: 3.234 ms

Remote clock offset: 0.533 ms

Below is generated by plot.py at 2018-03-06 06:30:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.16 Mbit/s

95th percentile per-packet one-way delay: 21.858 ms

Loss rate: 0.54%

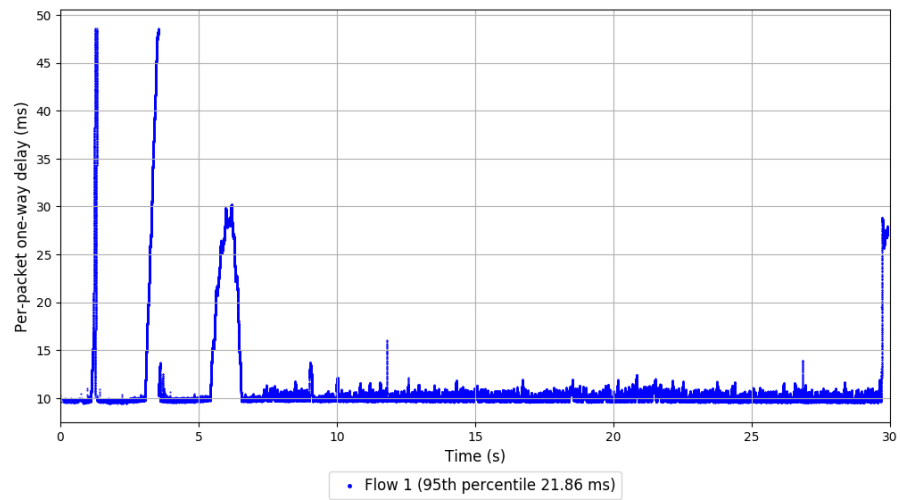
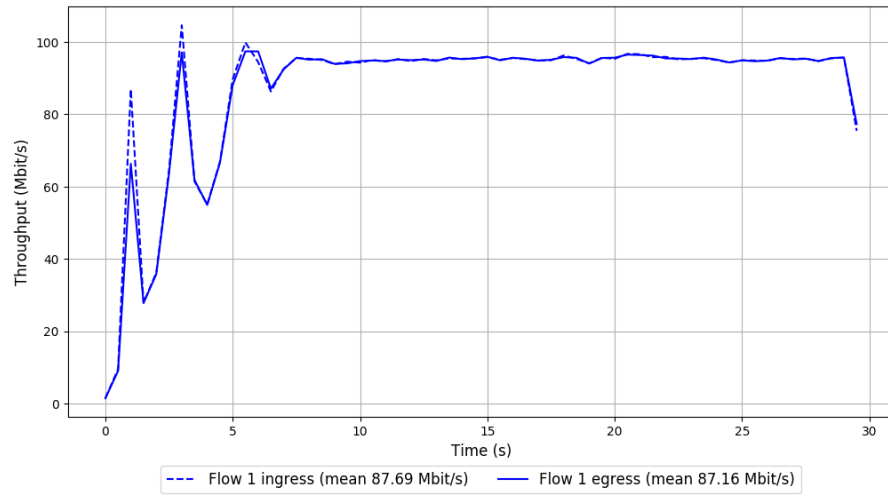
-- Flow 1:

Average throughput: 87.16 Mbit/s

95th percentile per-packet one-way delay: 21.858 ms

Loss rate: 0.54%

Run 4: Report of Vivace-LTE — Data Link



Run 5: Statistics of Vivace-LTE

Start at: 2018-03-06 03:41:01

End at: 2018-03-06 03:41:31

Local clock offset: 2.161 ms

Remote clock offset: 4.756 ms

Below is generated by plot.py at 2018-03-06 06:30:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.46 Mbit/s

95th percentile per-packet one-way delay: 15.157 ms

Loss rate: 0.30%

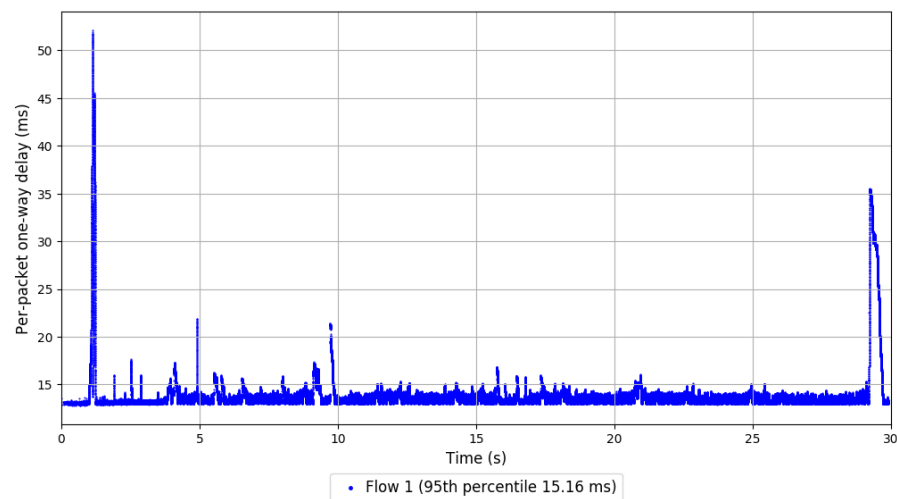
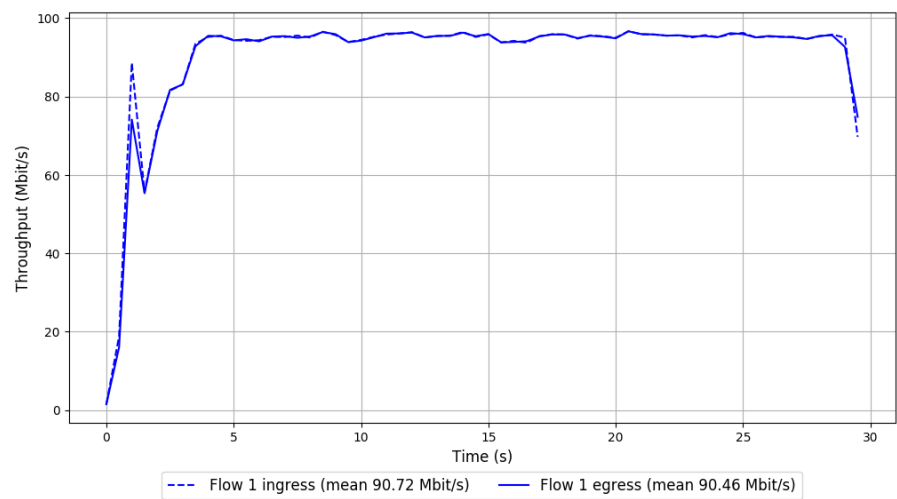
-- Flow 1:

Average throughput: 90.46 Mbit/s

95th percentile per-packet one-way delay: 15.157 ms

Loss rate: 0.30%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-03-06 04:02:23

End at: 2018-03-06 04:02:53

Local clock offset: 2.14 ms

Remote clock offset: 1.071 ms

Below is generated by plot.py at 2018-03-06 06:30:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.12 Mbit/s

95th percentile per-packet one-way delay: 17.257 ms

Loss rate: 0.29%

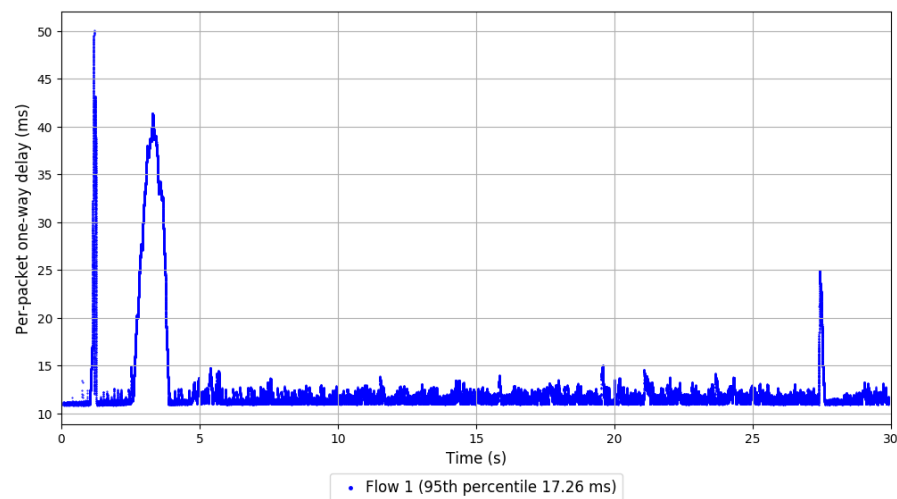
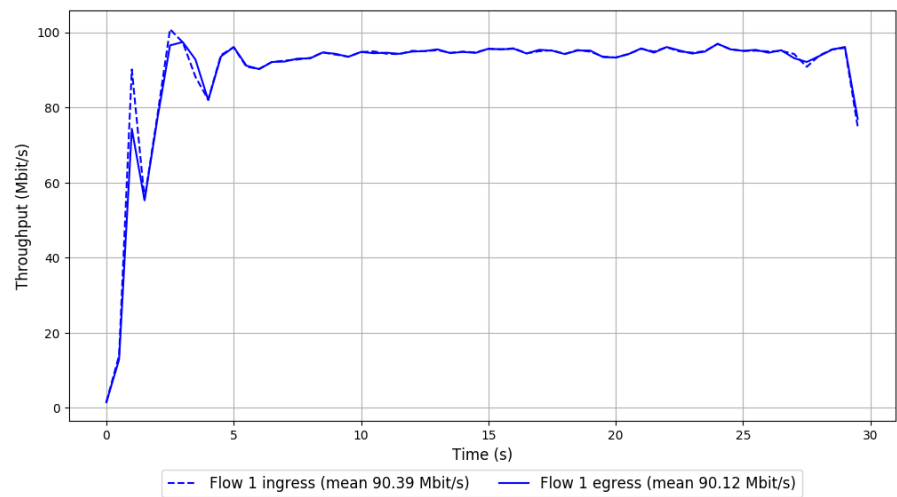
-- Flow 1:

Average throughput: 90.12 Mbit/s

95th percentile per-packet one-way delay: 17.257 ms

Loss rate: 0.29%

Run 6: Report of Vivace-LTE — Data Link



Run 7: Statistics of Vivace-LTE

Start at: 2018-03-06 04:23:50

End at: 2018-03-06 04:24:20

Local clock offset: 3.408 ms

Remote clock offset: 0.351 ms

Below is generated by plot.py at 2018-03-06 06:31:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.39 Mbit/s

95th percentile per-packet one-way delay: 10.355 ms

Loss rate: 0.29%

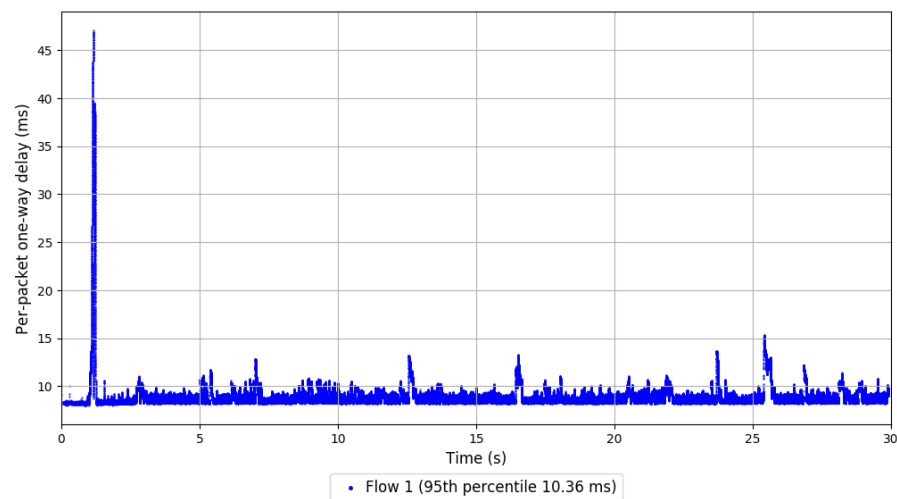
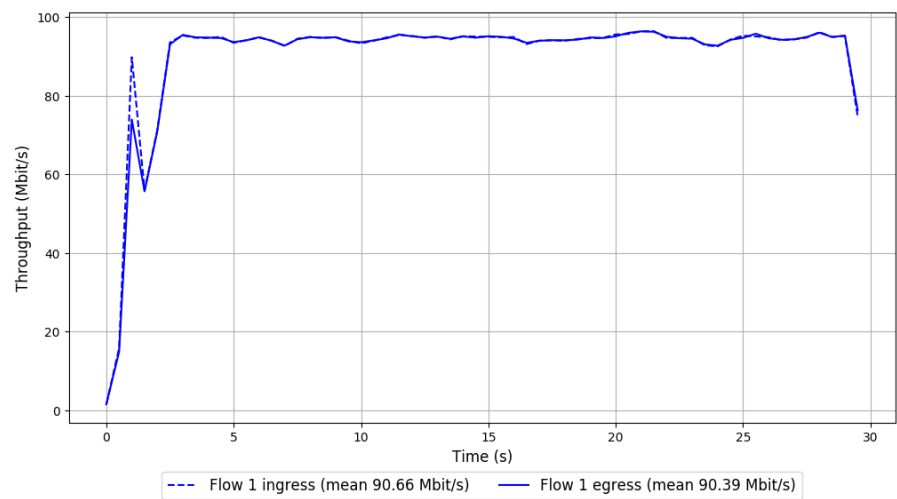
-- Flow 1:

Average throughput: 90.39 Mbit/s

95th percentile per-packet one-way delay: 10.355 ms

Loss rate: 0.29%

Run 7: Report of Vivace-LTE — Data Link



Run 8: Statistics of Vivace-LTE

Start at: 2018-03-06 04:45:46

End at: 2018-03-06 04:46:16

Local clock offset: 1.969 ms

Remote clock offset: 1.362 ms

Below is generated by plot.py at 2018-03-06 06:31:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 88.19 Mbit/s

95th percentile per-packet one-way delay: 16.252 ms

Loss rate: 0.39%

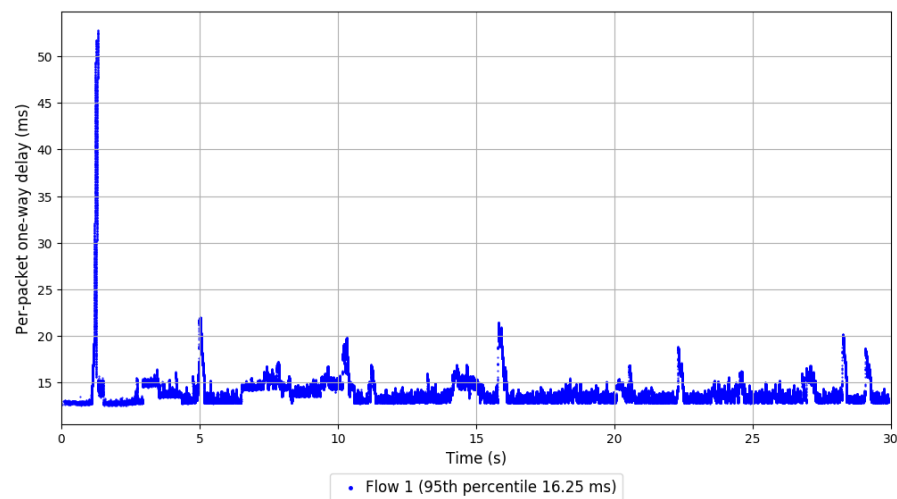
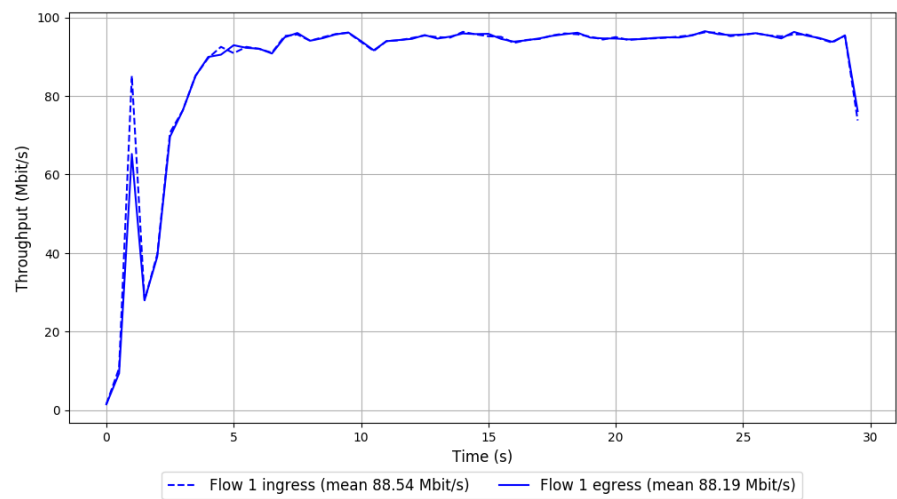
-- Flow 1:

Average throughput: 88.19 Mbit/s

95th percentile per-packet one-way delay: 16.252 ms

Loss rate: 0.39%

Run 8: Report of Vivace-LTE — Data Link



Run 9: Statistics of Vivace-LTE

Start at: 2018-03-06 05:08:01

End at: 2018-03-06 05:08:31

Local clock offset: 3.486 ms

Remote clock offset: 0.352 ms

Below is generated by plot.py at 2018-03-06 06:31:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 87.37 Mbit/s

95th percentile per-packet one-way delay: 19.428 ms

Loss rate: 0.60%

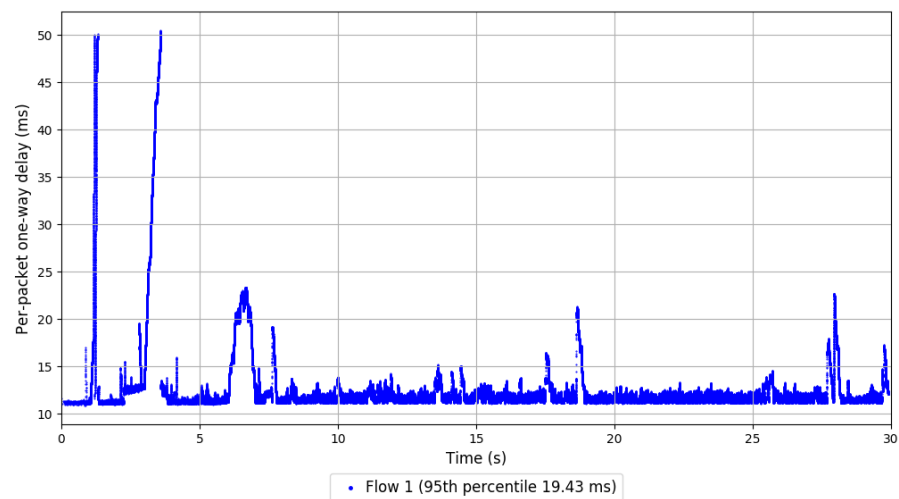
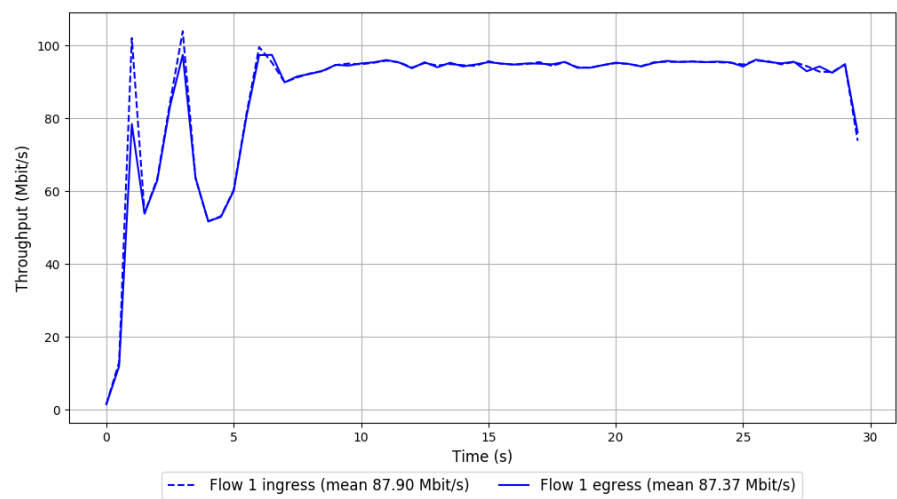
-- Flow 1:

Average throughput: 87.37 Mbit/s

95th percentile per-packet one-way delay: 19.428 ms

Loss rate: 0.60%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-03-06 05:29:42

End at: 2018-03-06 05:30:12

Local clock offset: 5.336 ms

Remote clock offset: 0.162 ms

Below is generated by plot.py at 2018-03-06 06:31:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.36 Mbit/s

95th percentile per-packet one-way delay: 15.663 ms

Loss rate: 0.45%

-- Flow 1:

Average throughput: 90.36 Mbit/s

95th percentile per-packet one-way delay: 15.663 ms

Loss rate: 0.45%

Run 10: Report of Vivace-LTE — Data Link

