

Pantheon Report

Generated at 2018-03-06 11:42:32 (UTC).

Data path: AWS California 1 Ethernet (*local*) → Stanford 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).

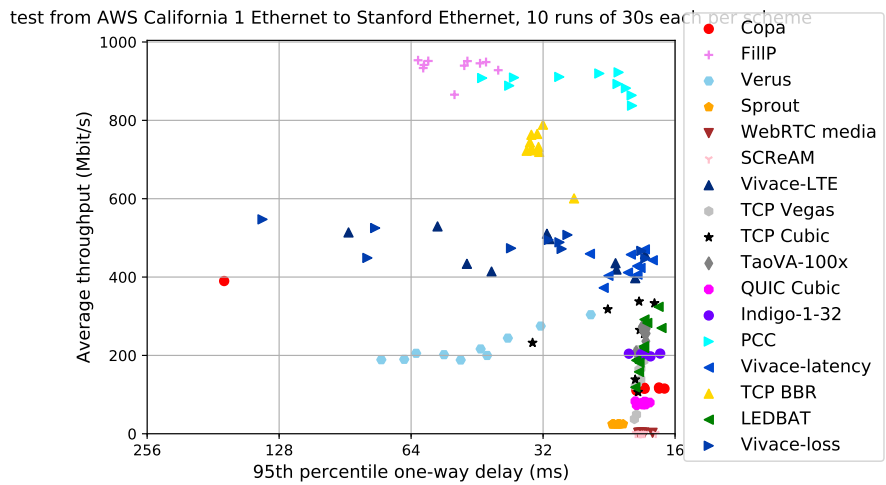
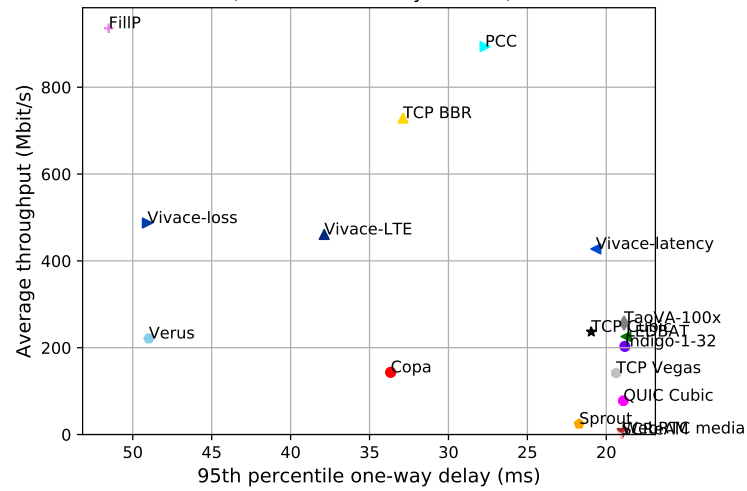
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against `time.stanford.edu` 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 California 1 Ethernet to Stanford Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	728.82	32.88	0.25
TCP Cubic	10	236.46	20.95	0.03
LEDBAT	10	225.65	18.76	0.01
PCC	10	893.50	27.68	0.26
QUIC Cubic	10	77.91	18.92	0.00
SCReAM	10	0.22	19.05	0.00
WebRTC media	10	2.52	18.99	0.02
Sprout	10	24.55	21.72	0.23
TaoVA-100x	10	256.84	18.88	0.00
TCP Vegas	10	141.62	19.38	0.01
Verus	10	221.38	48.98	9.63
Copa	10	143.23	33.66	3.28
FillP	10	935.90	51.53	5.11
Indigo-1-32	10	203.11	18.82	0.01
Vivace-latency	10	427.50	20.66	0.01
Vivace-loss	10	487.22	49.08	0.16
Vivace-LTE	10	460.89	37.87	0.04

Run 1: Statistics of TCP BBR

Start at: 2018-03-06 03:32:53

End at: 2018-03-06 03:33:23

Local clock offset: 2.638 ms

Remote clock offset: -1.292 ms

Below is generated by plot.py at 2018-03-06 10:05:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 732.04 Mbit/s

95th percentile per-packet one-way delay: 32.780 ms

Loss rate: 0.18%

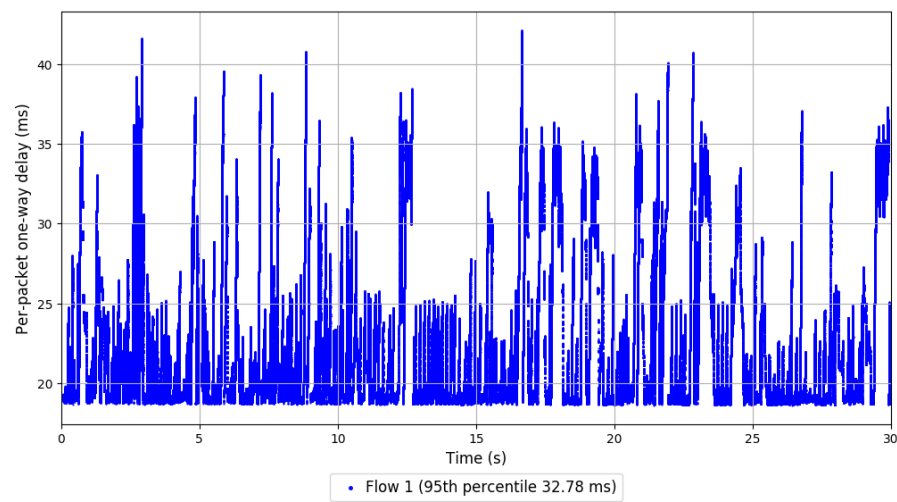
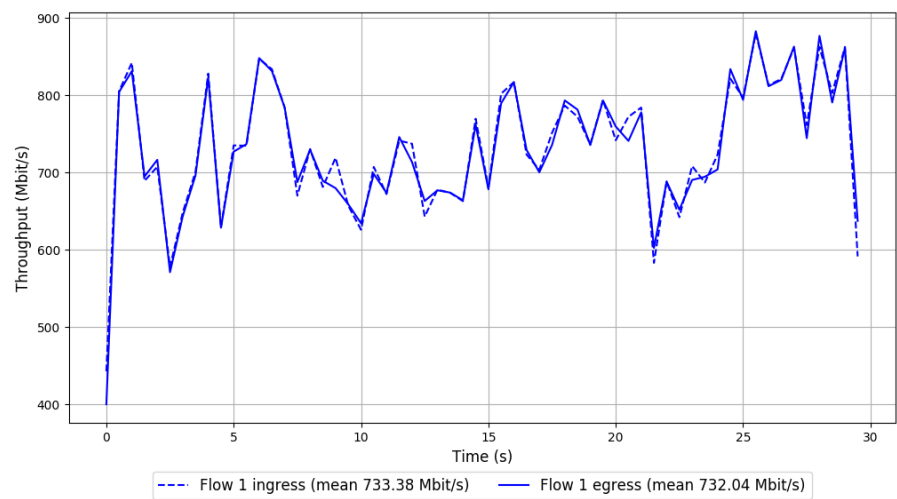
-- Flow 1:

Average throughput: 732.04 Mbit/s

95th percentile per-packet one-way delay: 32.780 ms

Loss rate: 0.18%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-03-06 04:00:02

End at: 2018-03-06 04:00:32

Local clock offset: 2.501 ms

Remote clock offset: -0.27 ms

Below is generated by plot.py at 2018-03-06 10:05:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 719.54 Mbit/s

95th percentile per-packet one-way delay: 32.661 ms

Loss rate: 0.11%

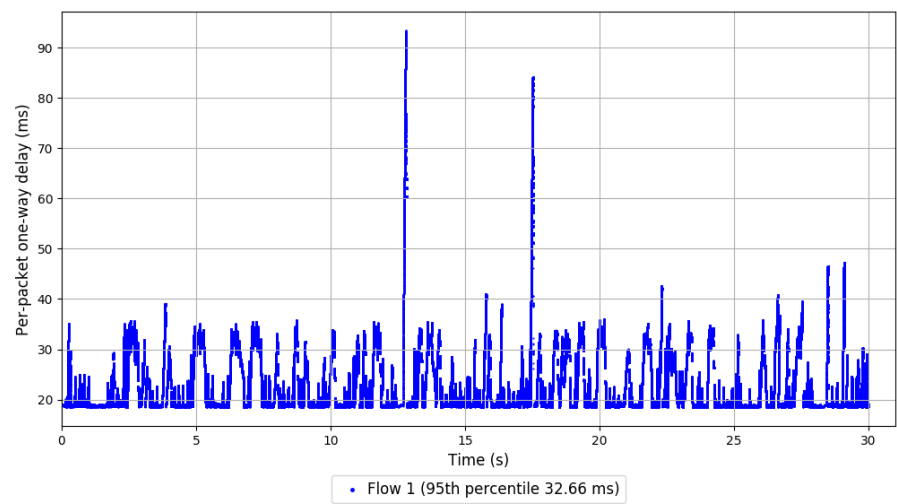
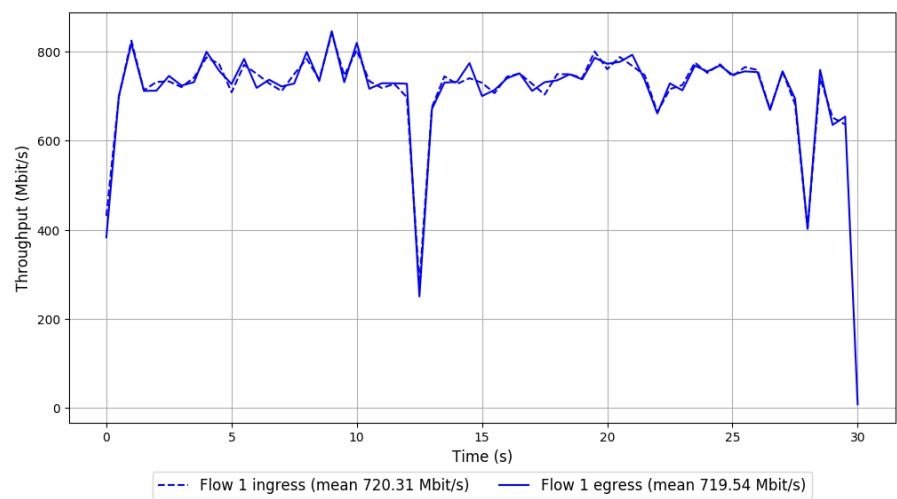
-- Flow 1:

Average throughput: 719.54 Mbit/s

95th percentile per-packet one-way delay: 32.661 ms

Loss rate: 0.11%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

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

End at: 2018-03-06 04:28:19

Local clock offset: 1.699 ms

Remote clock offset: 4.474 ms

Below is generated by plot.py at 2018-03-06 10:05:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 743.54 Mbit/s

95th percentile per-packet one-way delay: 34.288 ms

Loss rate: 0.27%

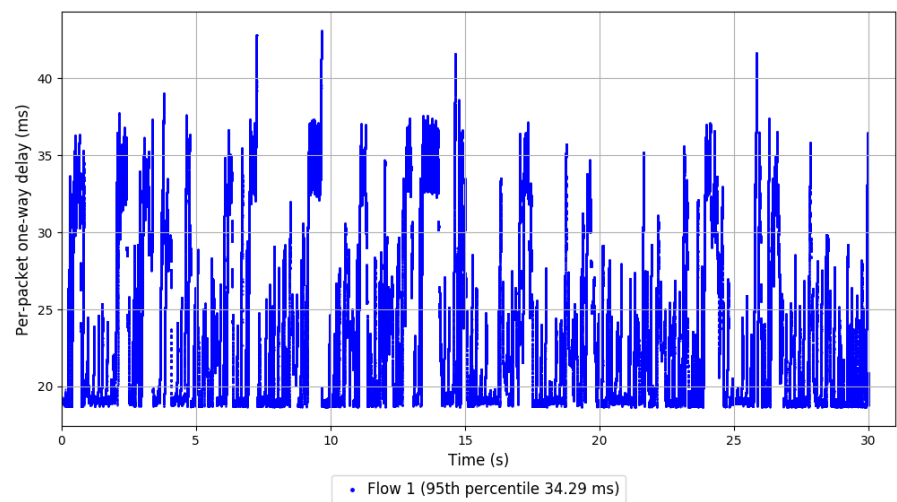
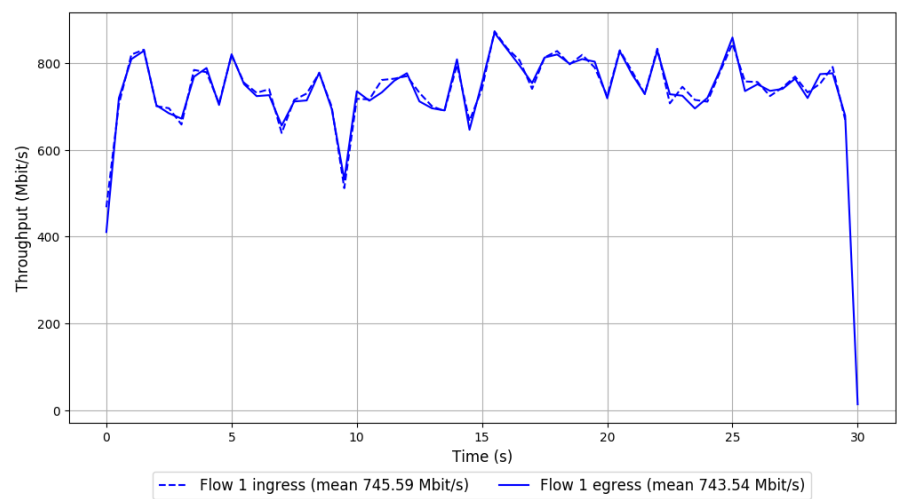
-- Flow 1:

Average throughput: 743.54 Mbit/s

95th percentile per-packet one-way delay: 34.288 ms

Loss rate: 0.27%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-03-06 04:55:12

End at: 2018-03-06 04:55:42

Local clock offset: 0.681 ms

Remote clock offset: 0.943 ms

Below is generated by plot.py at 2018-03-06 10:05:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 765.31 Mbit/s

95th percentile per-packet one-way delay: 33.000 ms

Loss rate: 0.23%

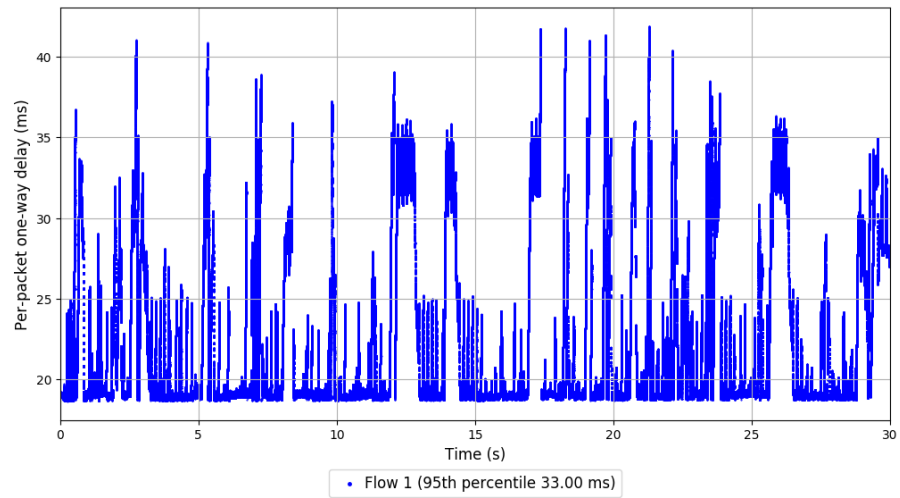
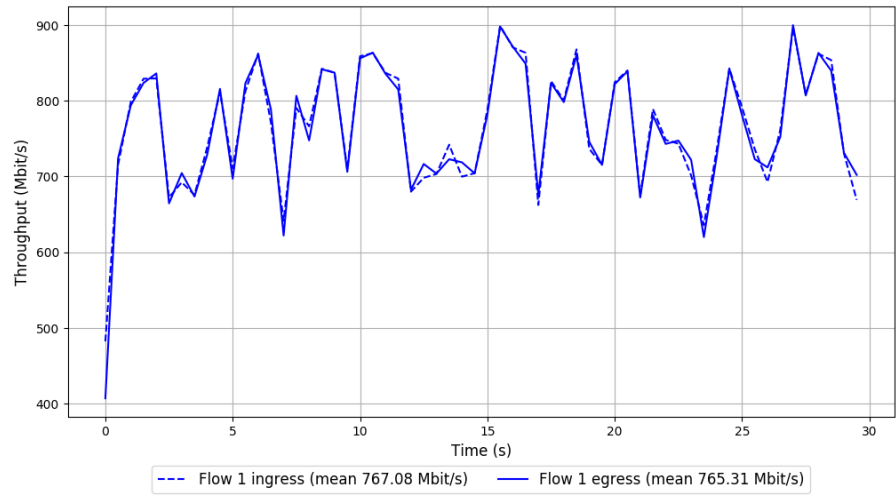
-- Flow 1:

Average throughput: 765.31 Mbit/s

95th percentile per-packet one-way delay: 33.000 ms

Loss rate: 0.23%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-03-06 05:22:47

End at: 2018-03-06 05:23:17

Local clock offset: -7.516 ms

Remote clock offset: 3.48 ms

Below is generated by plot.py at 2018-03-06 10:05:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 600.79 Mbit/s

95th percentile per-packet one-way delay: 27.195 ms

Loss rate: 0.93%

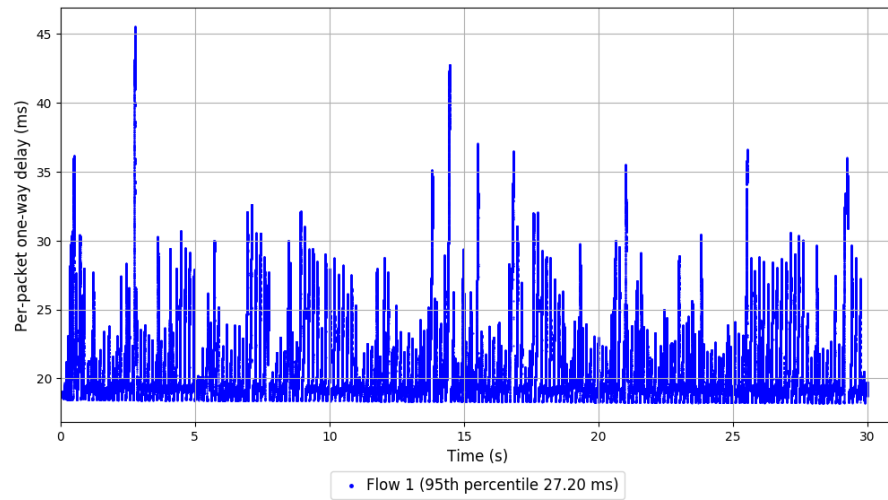
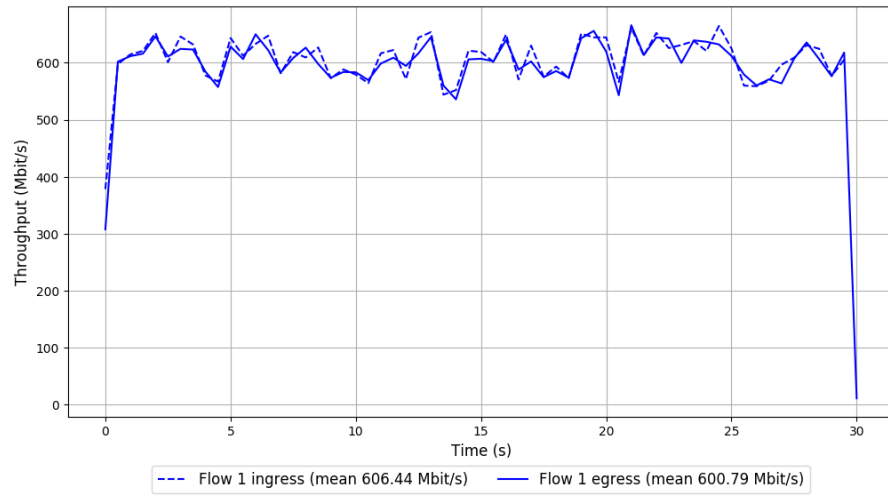
-- Flow 1:

Average throughput: 600.79 Mbit/s

95th percentile per-packet one-way delay: 27.195 ms

Loss rate: 0.93%

Run 5: Report of TCP BBR — Data Link

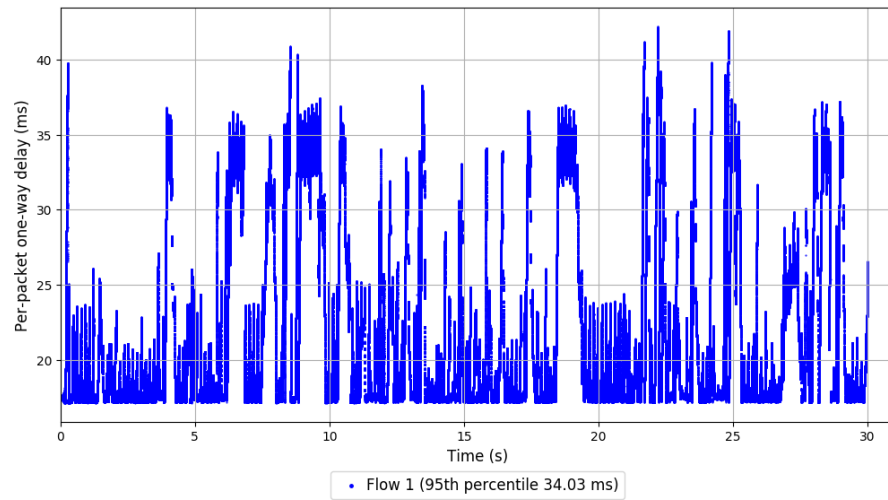
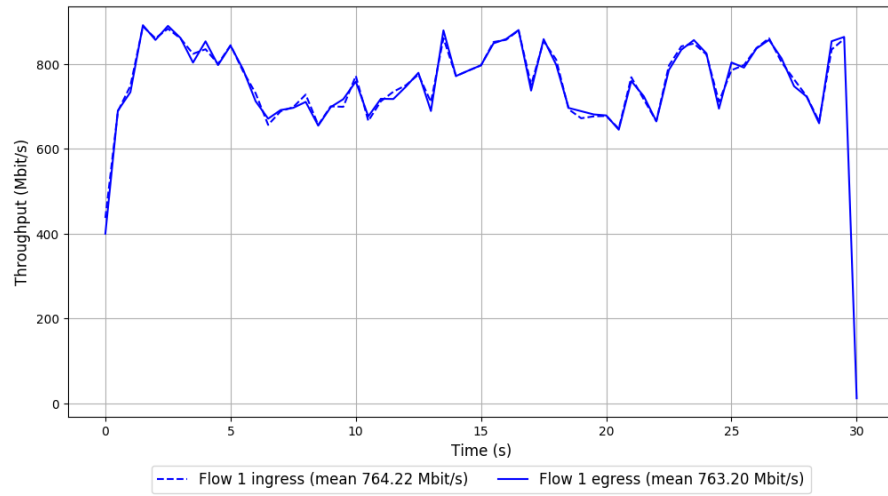


Run 6: Statistics of TCP BBR

Start at: 2018-03-06 05:50:07
End at: 2018-03-06 05:50:37
Local clock offset: -11.914 ms
Remote clock offset: 6.727 ms

Below is generated by plot.py at 2018-03-06 10:05:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 763.20 Mbit/s
95th percentile per-packet one-way delay: 34.028 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 763.20 Mbit/s
95th percentile per-packet one-way delay: 34.028 ms
Loss rate: 0.13%

Run 6: Report of TCP BBR — Data Link

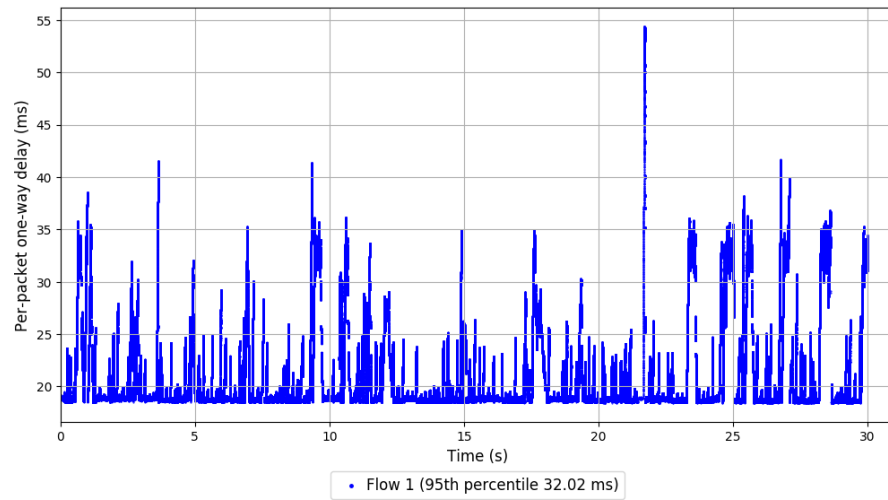
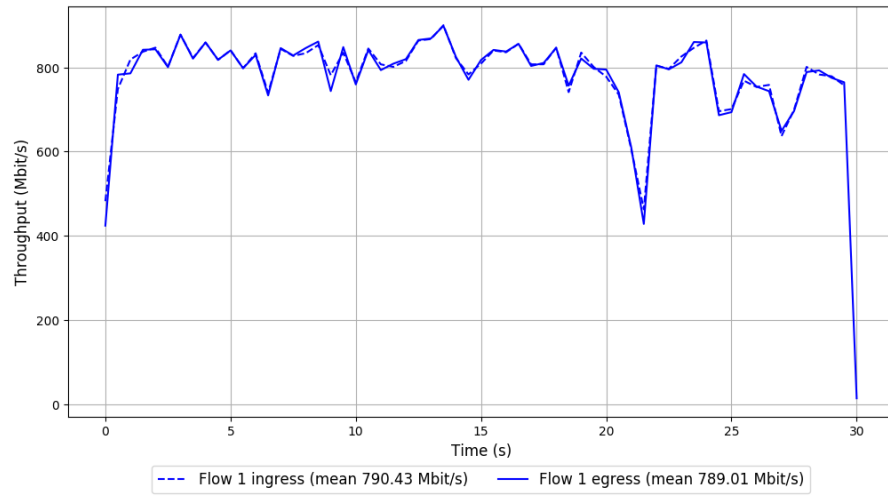


Run 7: Statistics of TCP BBR

Start at: 2018-03-06 06:17:47
End at: 2018-03-06 06:18:17
Local clock offset: -15.794 ms
Remote clock offset: 5.491 ms

Below is generated by plot.py at 2018-03-06 10:05:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 789.01 Mbit/s
95th percentile per-packet one-way delay: 32.016 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 789.01 Mbit/s
95th percentile per-packet one-way delay: 32.016 ms
Loss rate: 0.18%

Run 7: Report of TCP BBR — Data Link

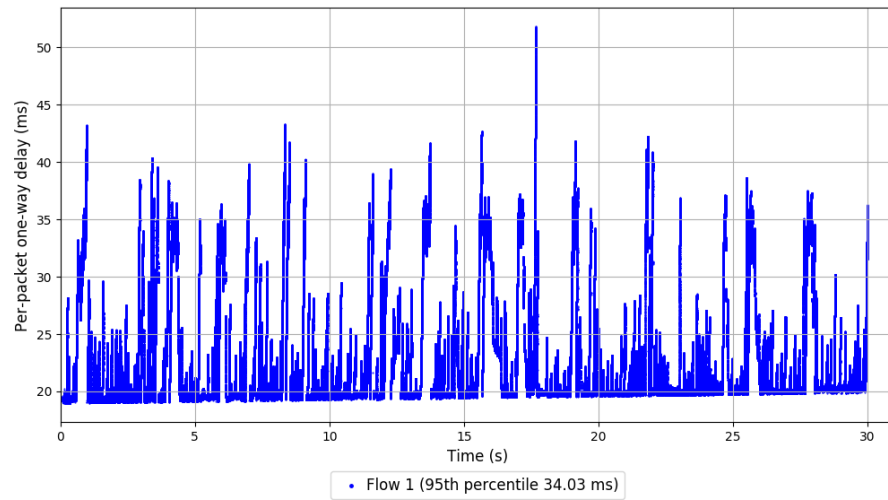
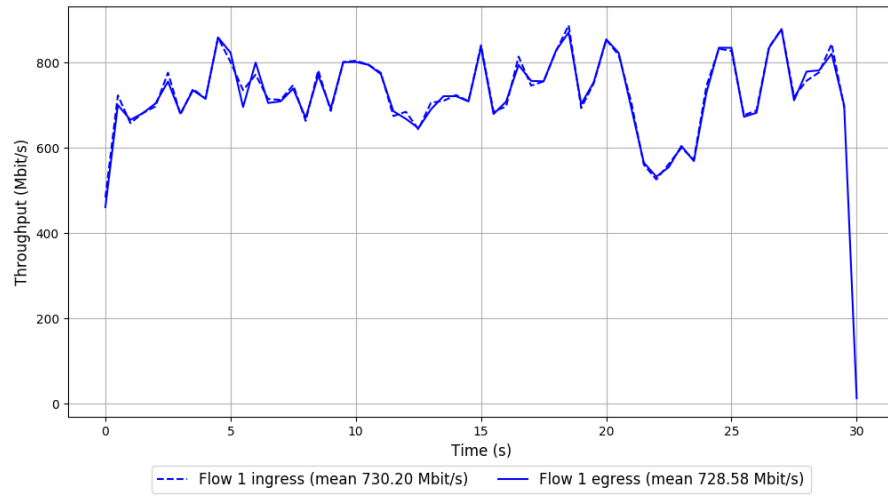


Run 8: Statistics of TCP BBR

Start at: 2018-03-06 06:45:24
End at: 2018-03-06 06:45:54
Local clock offset: -19.648 ms
Remote clock offset: 0.158 ms

Below is generated by plot.py at 2018-03-06 10:05:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 728.58 Mbit/s
95th percentile per-packet one-way delay: 34.027 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 728.58 Mbit/s
95th percentile per-packet one-way delay: 34.027 ms
Loss rate: 0.22%

Run 8: Report of TCP BBR — Data Link

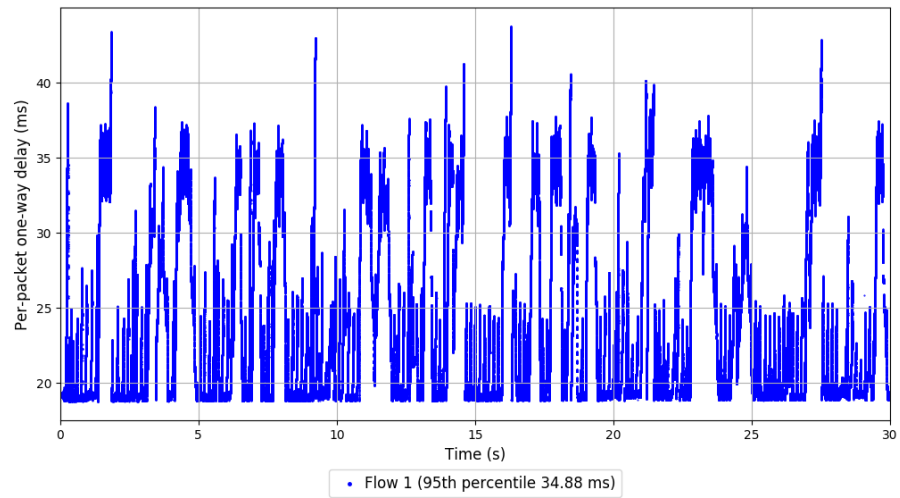
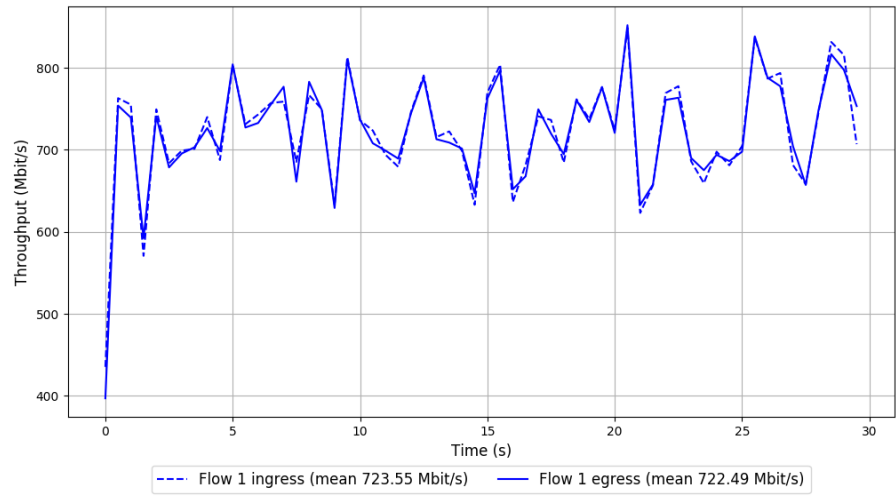


Run 9: Statistics of TCP BBR

Start at: 2018-03-06 07:12:38
End at: 2018-03-06 07:13:08
Local clock offset: -2.489 ms
Remote clock offset: -0.387 ms

Below is generated by plot.py at 2018-03-06 10:13:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 722.49 Mbit/s
95th percentile per-packet one-way delay: 34.880 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 722.49 Mbit/s
95th percentile per-packet one-way delay: 34.880 ms
Loss rate: 0.15%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-03-06 07:40:13

End at: 2018-03-06 07:40:43

Local clock offset: 3.315 ms

Remote clock offset: 0.264 ms

Below is generated by plot.py at 2018-03-06 10:15:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 723.66 Mbit/s

95th percentile per-packet one-way delay: 33.912 ms

Loss rate: 0.11%

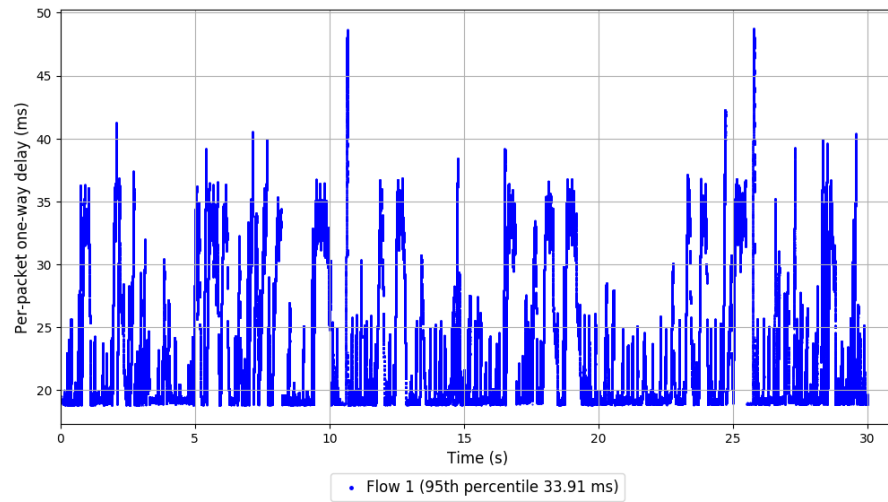
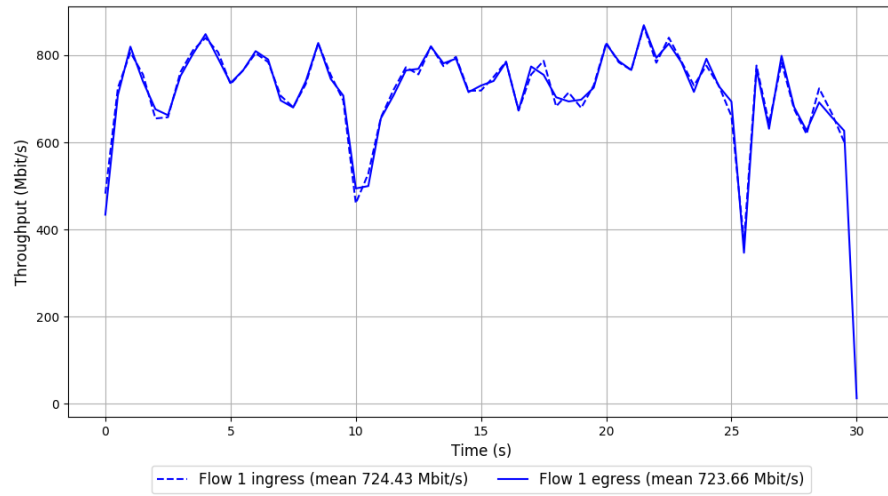
-- Flow 1:

Average throughput: 723.66 Mbit/s

95th percentile per-packet one-way delay: 33.912 ms

Loss rate: 0.11%

Run 10: Report of TCP BBR — Data Link

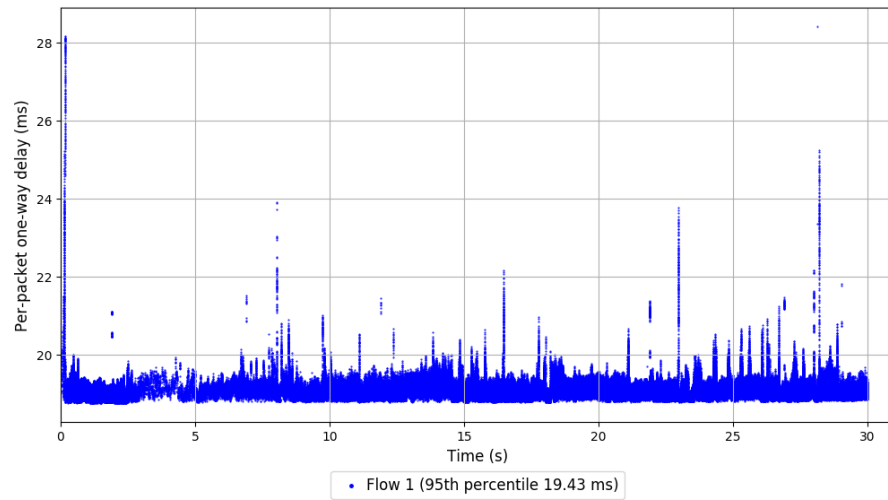
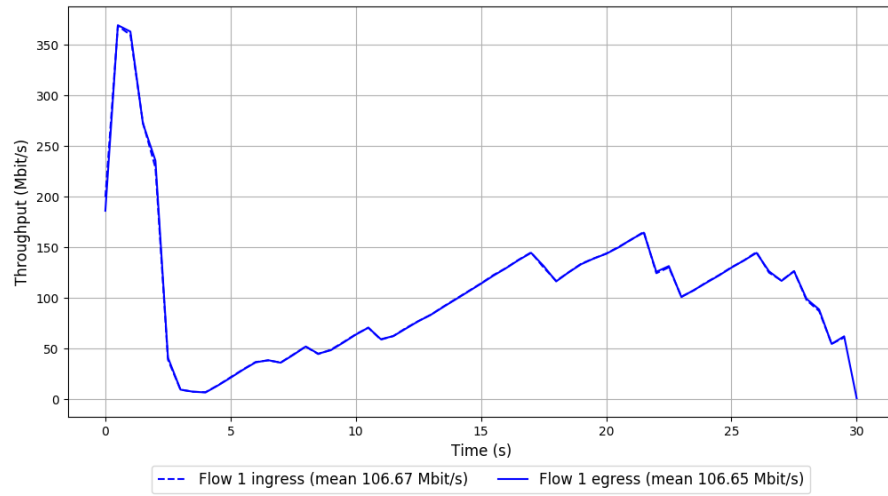


Run 1: Statistics of TCP Cubic

Start at: 2018-03-06 03:26:57
End at: 2018-03-06 03:27:27
Local clock offset: 2.643 ms
Remote clock offset: -1.174 ms

Below is generated by plot.py at 2018-03-06 10:15:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 106.65 Mbit/s
95th percentile per-packet one-way delay: 19.430 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 106.65 Mbit/s
95th percentile per-packet one-way delay: 19.430 ms
Loss rate: 0.02%

Run 1: Report of TCP Cubic — Data Link

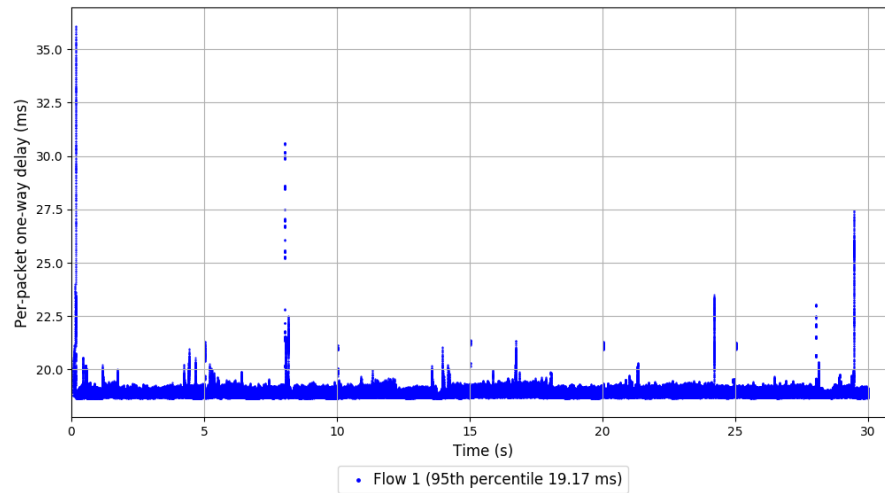
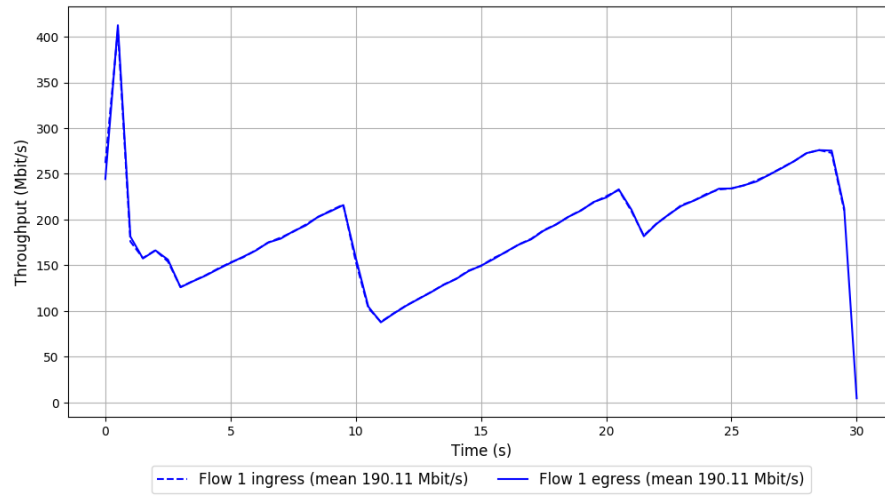


Run 2: Statistics of TCP Cubic

Start at: 2018-03-06 03:54:06
End at: 2018-03-06 03:54:36
Local clock offset: 3.146 ms
Remote clock offset: -0.181 ms

Below is generated by plot.py at 2018-03-06 10:15:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 190.11 Mbit/s
95th percentile per-packet one-way delay: 19.173 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 190.11 Mbit/s
95th percentile per-packet one-way delay: 19.173 ms
Loss rate: 0.01%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2018-03-06 04:21:38

End at: 2018-03-06 04:22:08

Local clock offset: 1.76 ms

Remote clock offset: 3.887 ms

Below is generated by plot.py at 2018-03-06 10:15:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 232.19 Mbit/s

95th percentile per-packet one-way delay: 33.820 ms

Loss rate: 0.04%

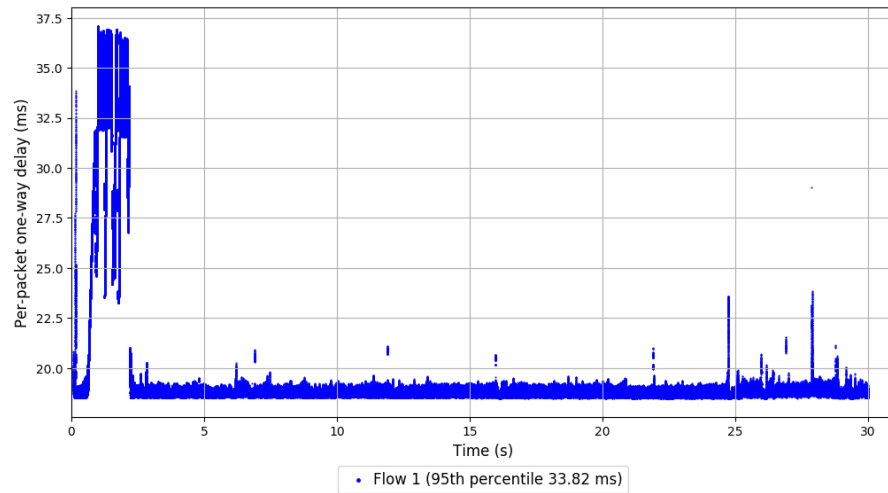
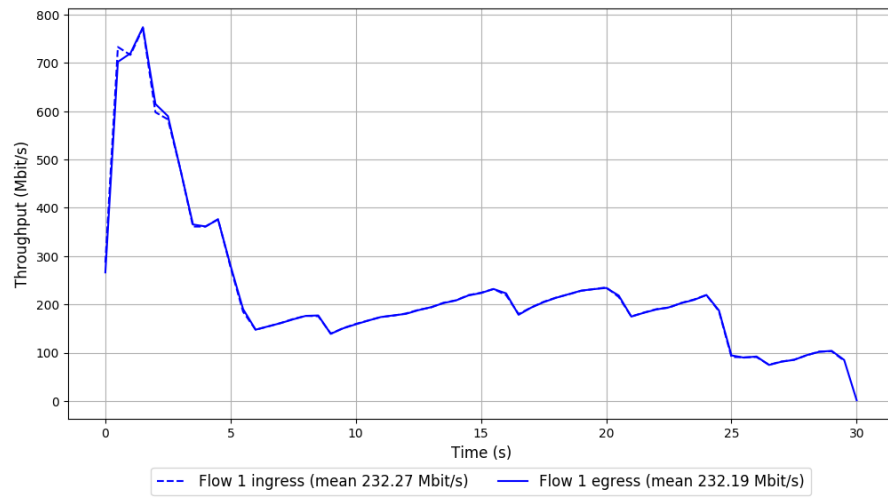
-- Flow 1:

Average throughput: 232.19 Mbit/s

95th percentile per-packet one-way delay: 33.820 ms

Loss rate: 0.04%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-03-06 04:49:12

End at: 2018-03-06 04:49:42

Local clock offset: 0.767 ms

Remote clock offset: 1.931 ms

Below is generated by plot.py at 2018-03-06 10:15:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 333.13 Mbit/s

95th percentile per-packet one-way delay: 17.825 ms

Loss rate: 0.03%

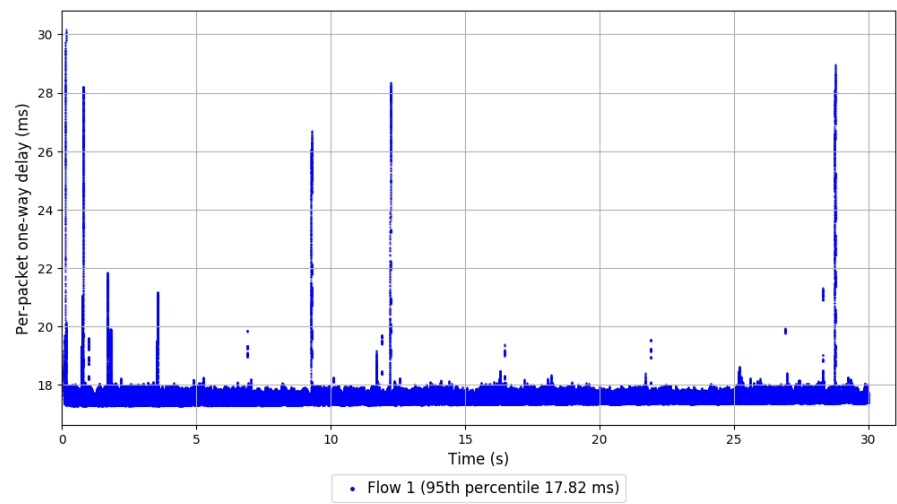
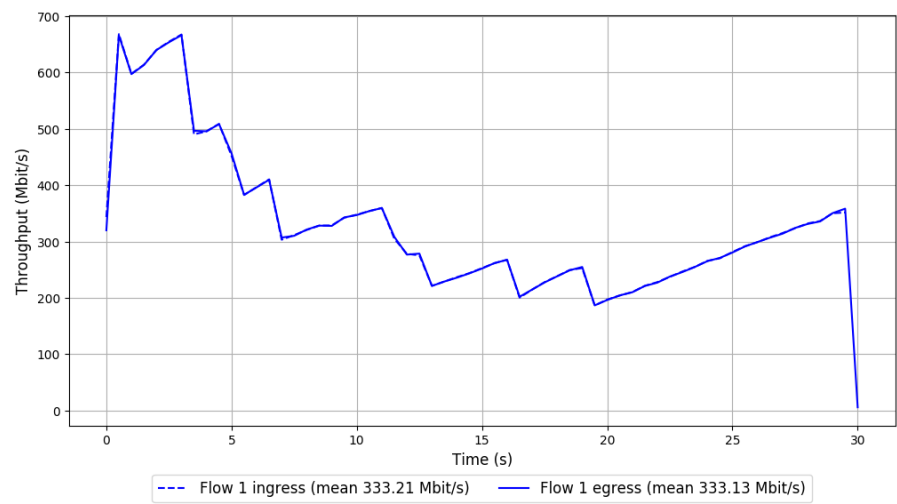
-- Flow 1:

Average throughput: 333.13 Mbit/s

95th percentile per-packet one-way delay: 17.825 ms

Loss rate: 0.03%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-03-06 05:16:50

End at: 2018-03-06 05:17:20

Local clock offset: -6.122 ms

Remote clock offset: 1.153 ms

Below is generated by plot.py at 2018-03-06 10:15:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 255.02 Mbit/s

95th percentile per-packet one-way delay: 18.824 ms

Loss rate: 0.05%

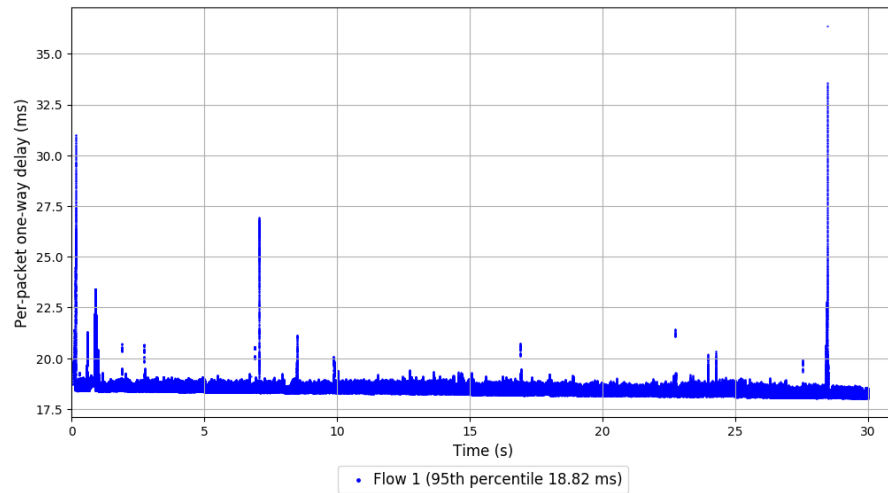
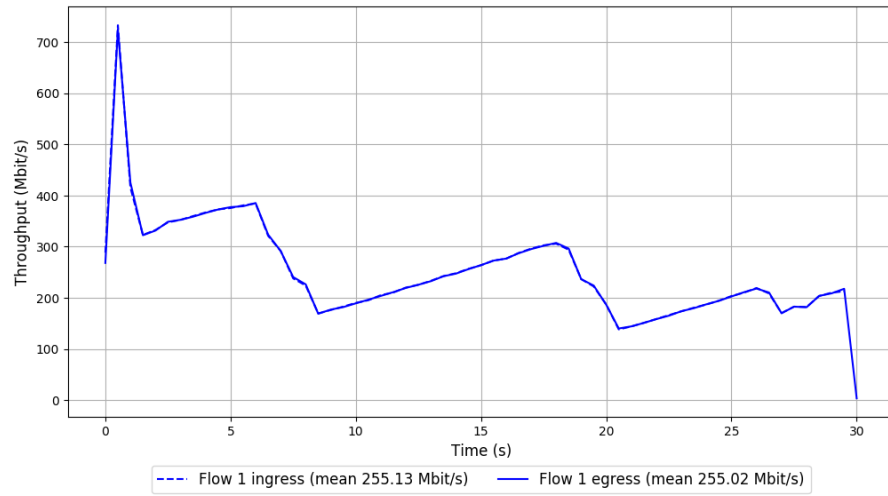
-- Flow 1:

Average throughput: 255.02 Mbit/s

95th percentile per-packet one-way delay: 18.824 ms

Loss rate: 0.05%

Run 5: Report of TCP Cubic — Data Link

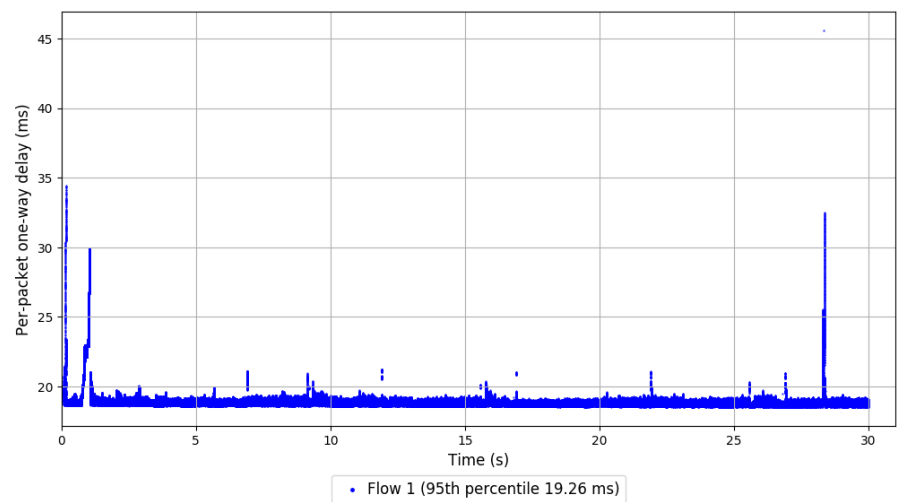
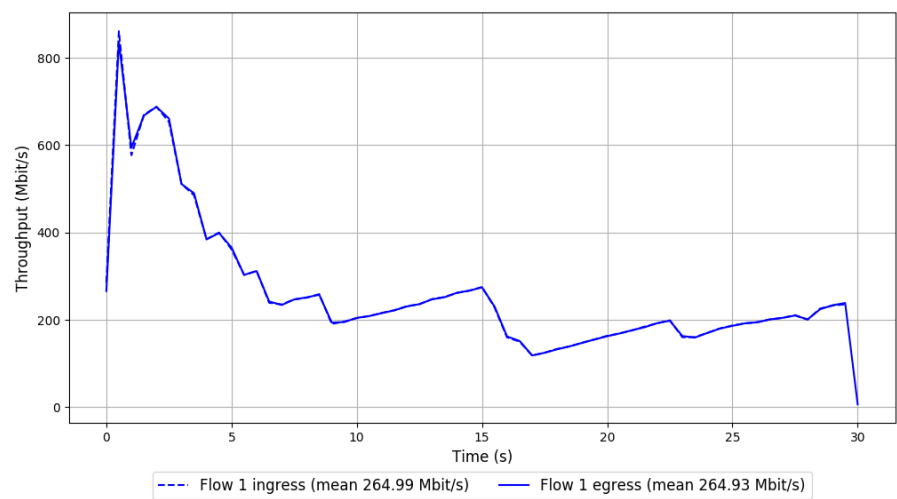


Run 6: Statistics of TCP Cubic

Start at: 2018-03-06 05:44:07
End at: 2018-03-06 05:44:37
Local clock offset: -11.145 ms
Remote clock offset: 6.828 ms

Below is generated by plot.py at 2018-03-06 10:15:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 264.93 Mbit/s
95th percentile per-packet one-way delay: 19.257 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 264.93 Mbit/s
95th percentile per-packet one-way delay: 19.257 ms
Loss rate: 0.02%

Run 6: Report of TCP Cubic — Data Link

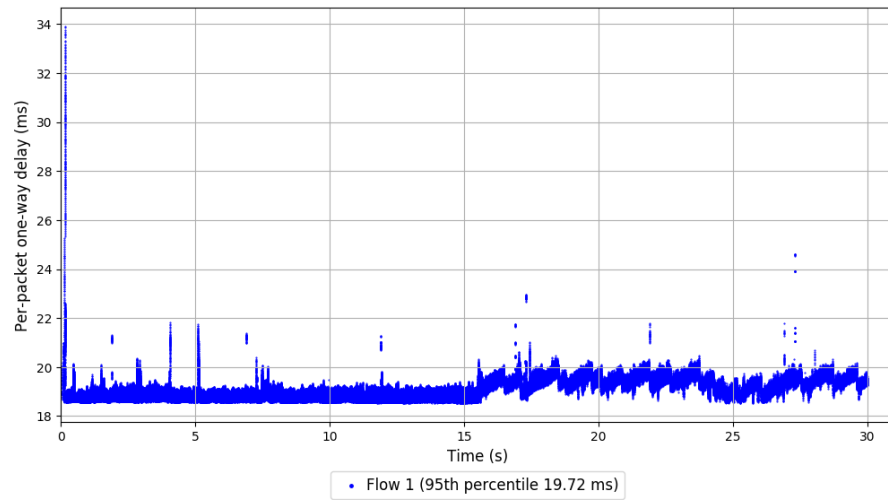
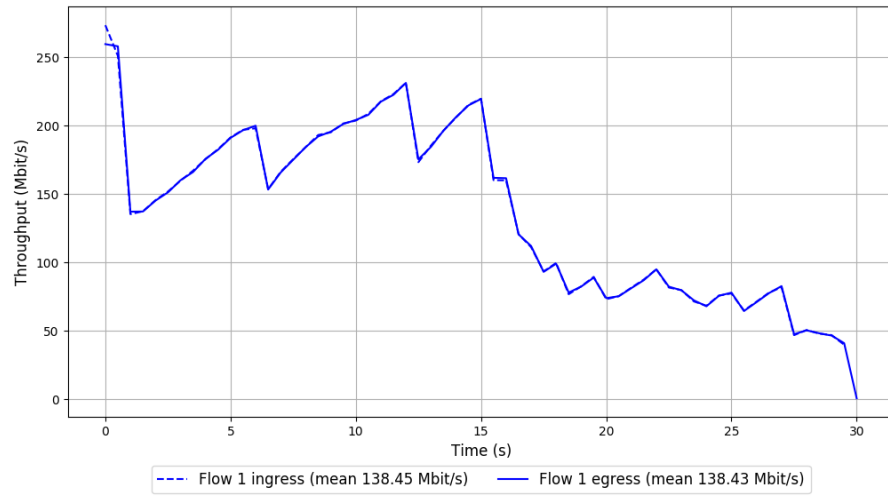


Run 7: Statistics of TCP Cubic

Start at: 2018-03-06 06:11:55
End at: 2018-03-06 06:12:25
Local clock offset: -15.074 ms
Remote clock offset: 5.341 ms

Below is generated by plot.py at 2018-03-06 10:15:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 138.43 Mbit/s
95th percentile per-packet one-way delay: 19.722 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 138.43 Mbit/s
95th percentile per-packet one-way delay: 19.722 ms
Loss rate: 0.02%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-03-06 06:39:22

End at: 2018-03-06 06:39:52

Local clock offset: -18.91 ms

Remote clock offset: 0.692 ms

Below is generated by plot.py at 2018-03-06 10:15:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 317.67 Mbit/s

95th percentile per-packet one-way delay: 22.780 ms

Loss rate: 0.03%

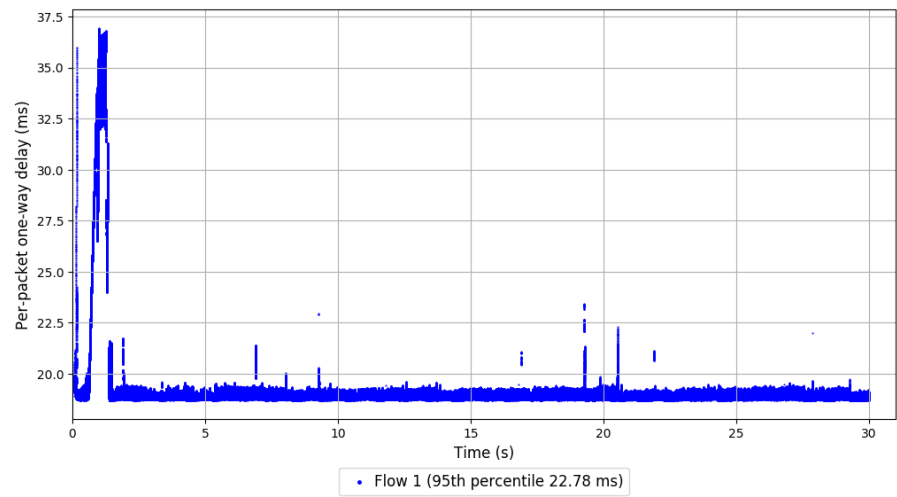
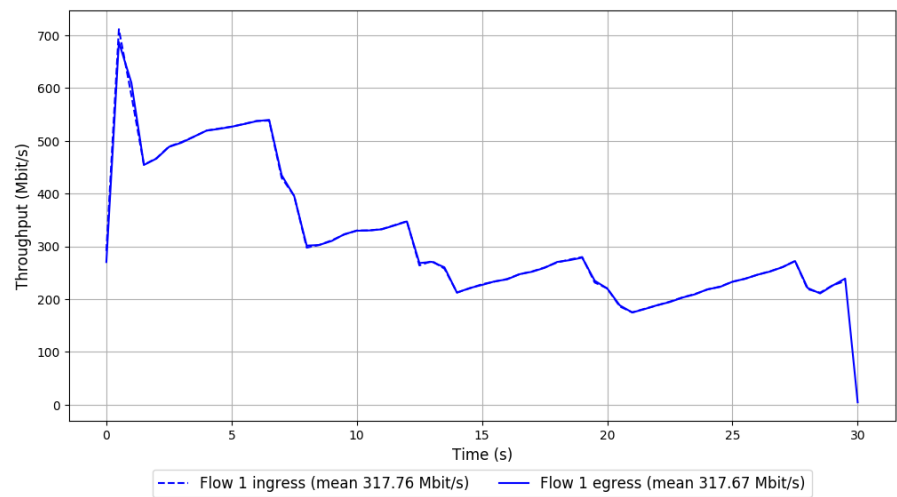
-- Flow 1:

Average throughput: 317.67 Mbit/s

95th percentile per-packet one-way delay: 22.780 ms

Loss rate: 0.03%

Run 8: Report of TCP Cubic — Data Link

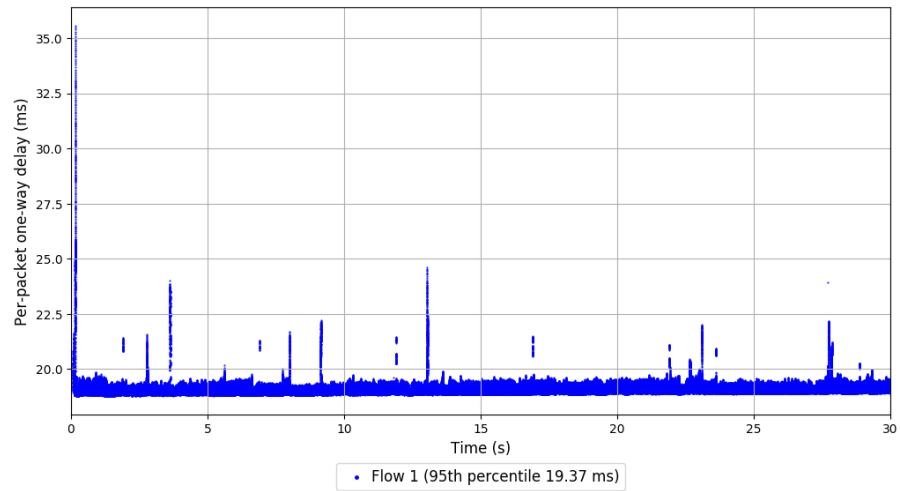
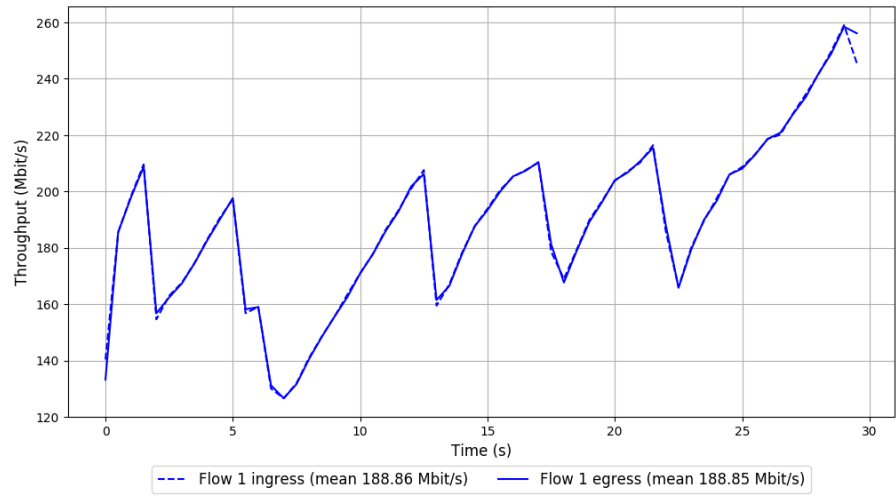


Run 9: Statistics of TCP Cubic

Start at: 2018-03-06 07:06:37
End at: 2018-03-06 07:07:07
Local clock offset: -3.786 ms
Remote clock offset: -0.319 ms

Below is generated by plot.py at 2018-03-06 10:15:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 188.85 Mbit/s
95th percentile per-packet one-way delay: 19.372 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 188.85 Mbit/s
95th percentile per-packet one-way delay: 19.372 ms
Loss rate: 0.01%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-03-06 07:34:12

End at: 2018-03-06 07:34:42

Local clock offset: 2.228 ms

Remote clock offset: -0.256 ms

Below is generated by plot.py at 2018-03-06 10:15:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 337.61 Mbit/s

95th percentile per-packet one-way delay: 19.327 ms

Loss rate: 0.07%

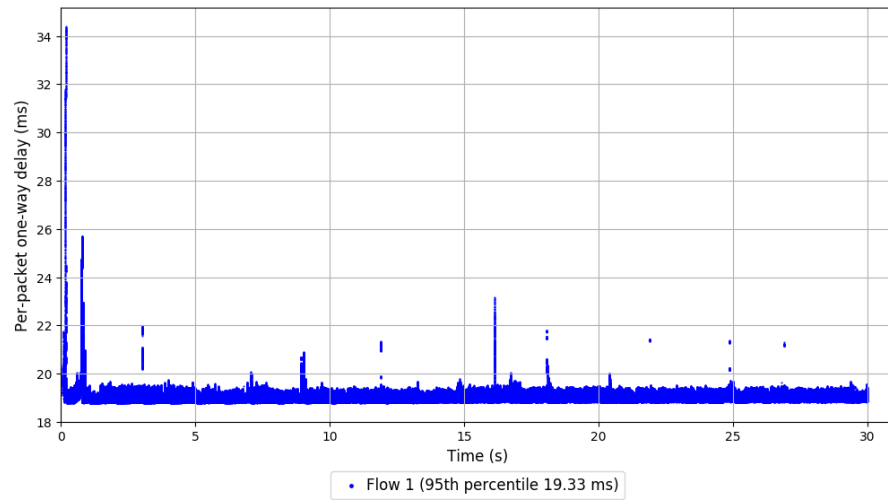
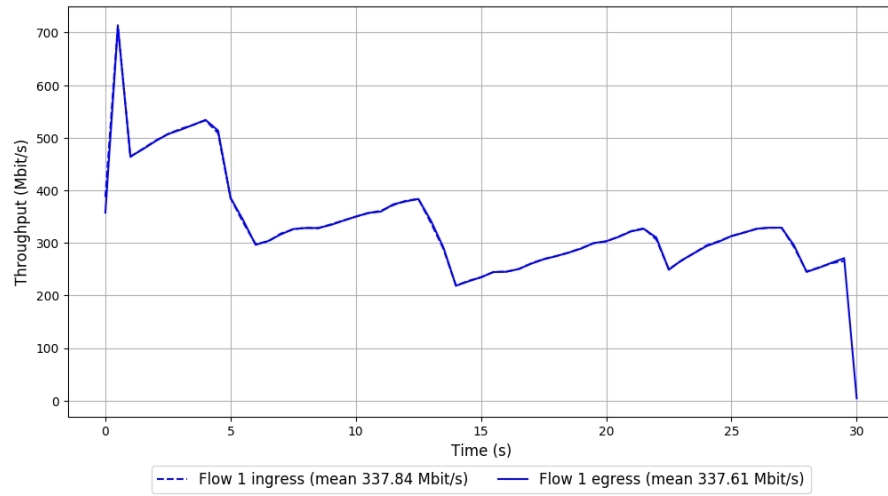
-- Flow 1:

Average throughput: 337.61 Mbit/s

95th percentile per-packet one-way delay: 19.327 ms

Loss rate: 0.07%

Run 10: Report of TCP Cubic — Data Link

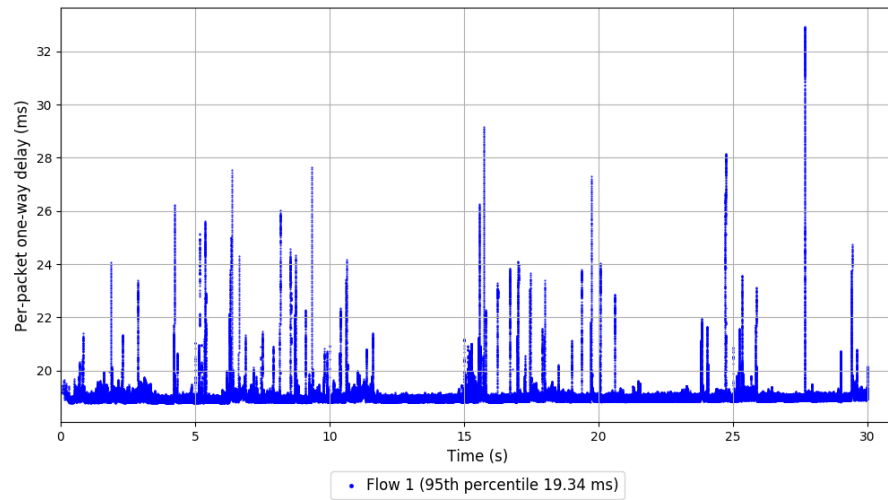
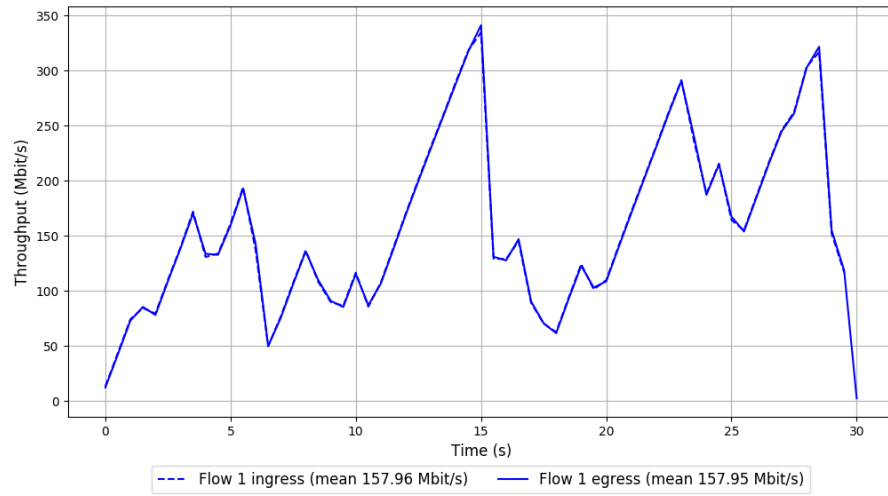


```
Run 1: Statistics of LEDBAT

Start at: 2018-03-06 03:16:20
End at: 2018-03-06 03:16:50
Local clock offset: 2.723 ms
Remote clock offset: 0.058 ms

# Below is generated by plot.py at 2018-03-06 10:15:15
# Datalink statistics
-- Total of 1 flow:
Average throughput: 157.95 Mbit/s
95th percentile per-packet one-way delay: 19.336 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 157.95 Mbit/s
95th percentile per-packet one-way delay: 19.336 ms
Loss rate: 0.01%
```

Run 1: Report of LEDBAT — Data Link

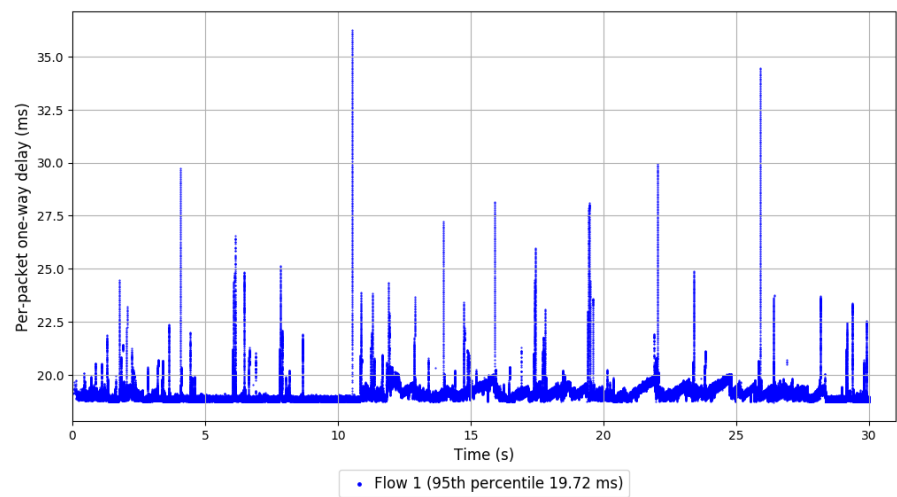
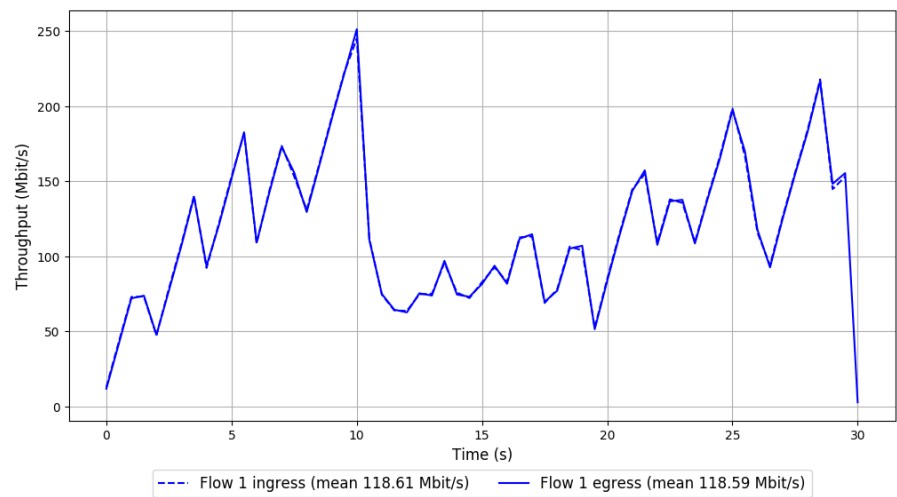


Run 2: Statistics of LEDBAT

Start at: 2018-03-06 03:43:29
End at: 2018-03-06 03:43:59
Local clock offset: 2.806 ms
Remote clock offset: -0.177 ms

Below is generated by plot.py at 2018-03-06 10:15:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 118.59 Mbit/s
95th percentile per-packet one-way delay: 19.718 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 118.59 Mbit/s
95th percentile per-packet one-way delay: 19.718 ms
Loss rate: 0.02%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-03-06 04:10:48

End at: 2018-03-06 04:11:18

Local clock offset: 1.773 ms

Remote clock offset: 1.671 ms

Below is generated by plot.py at 2018-03-06 10:15:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 219.17 Mbit/s

95th percentile per-packet one-way delay: 18.823 ms

Loss rate: 0.00%

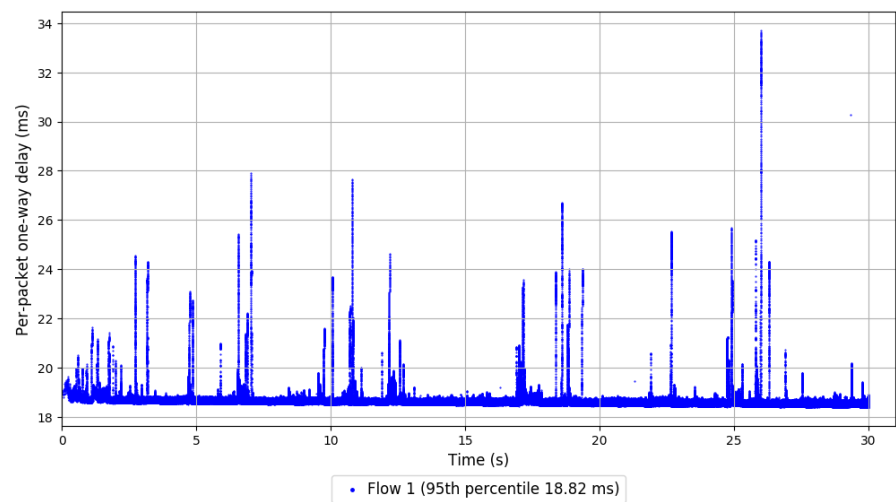
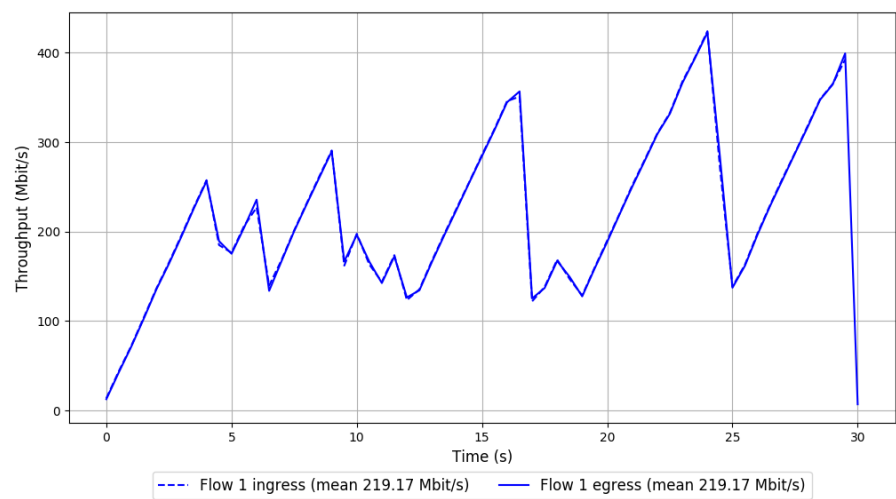
-- Flow 1:

Average throughput: 219.17 Mbit/s

95th percentile per-packet one-way delay: 18.823 ms

Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-03-06 04:38:28

End at: 2018-03-06 04:38:58

Local clock offset: 0.98 ms

Remote clock offset: 4.992 ms

Below is generated by plot.py at 2018-03-06 10:15:15

Datalink statistics

-- Total of 1 flow:

Average throughput: 223.40 Mbit/s

95th percentile per-packet one-way delay: 18.844 ms

Loss rate: 0.00%

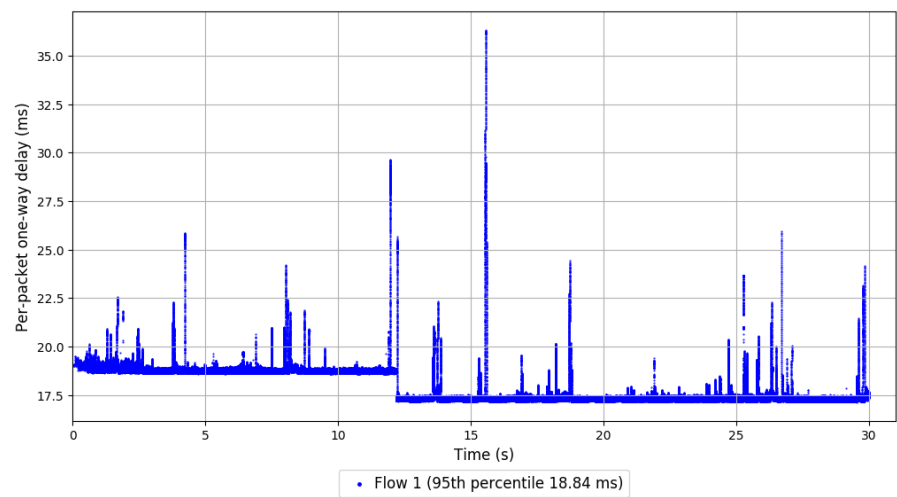
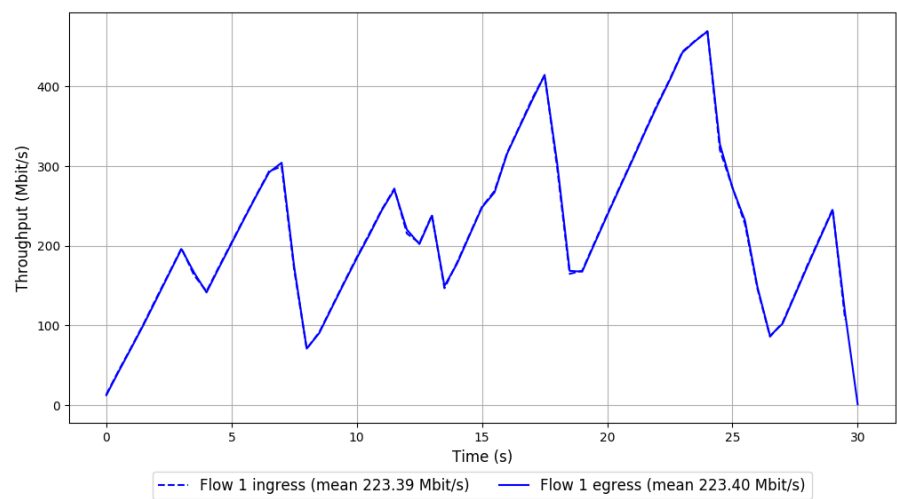
-- Flow 1:

Average throughput: 223.40 Mbit/s

95th percentile per-packet one-way delay: 18.844 ms

Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-03-06 05:05:52

End at: 2018-03-06 05:06:22

Local clock offset: -1.305 ms

Remote clock offset: 0.045 ms

Below is generated by plot.py at 2018-03-06 10:15:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 282.86 Mbit/s

95th percentile per-packet one-way delay: 18.517 ms

Loss rate: 0.01%

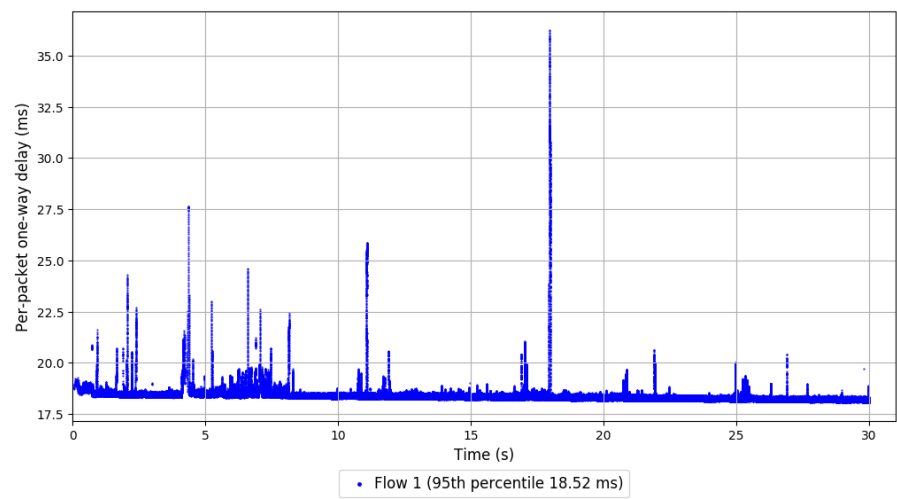
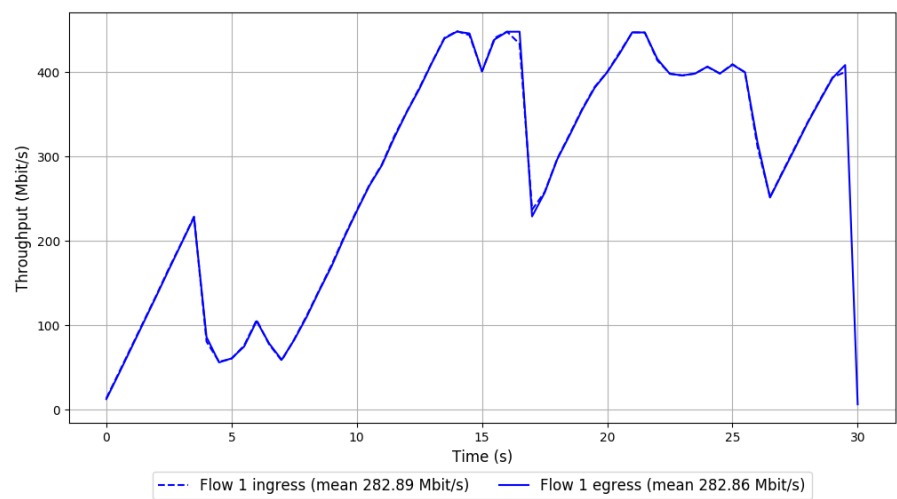
-- Flow 1:

Average throughput: 282.86 Mbit/s

95th percentile per-packet one-way delay: 18.517 ms

Loss rate: 0.01%

Run 5: Report of LEDBAT — Data Link



Run 6: Statistics of LEDBAT

Start at: 2018-03-06 05:33:22

End at: 2018-03-06 05:33:52

Local clock offset: -9.448 ms

Remote clock offset: 5.521 ms

Below is generated by plot.py at 2018-03-06 10:15:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 269.94 Mbit/s

95th percentile per-packet one-way delay: 17.182 ms

Loss rate: 0.00%

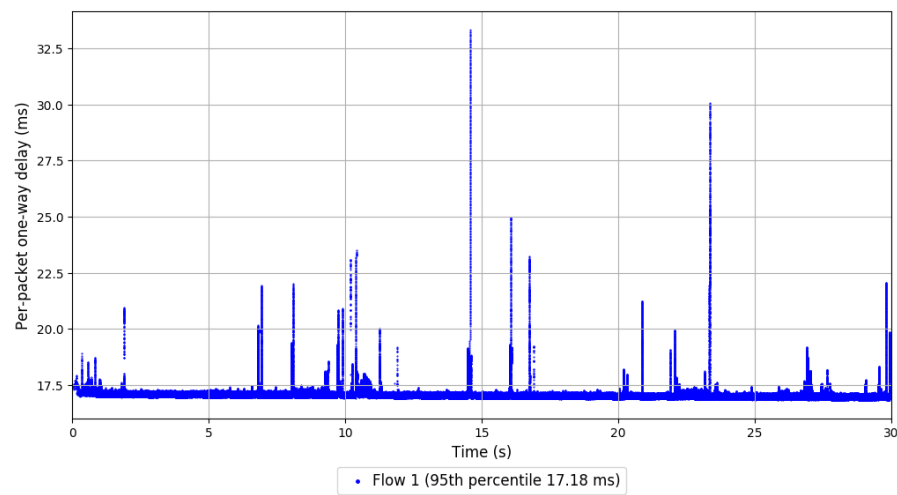
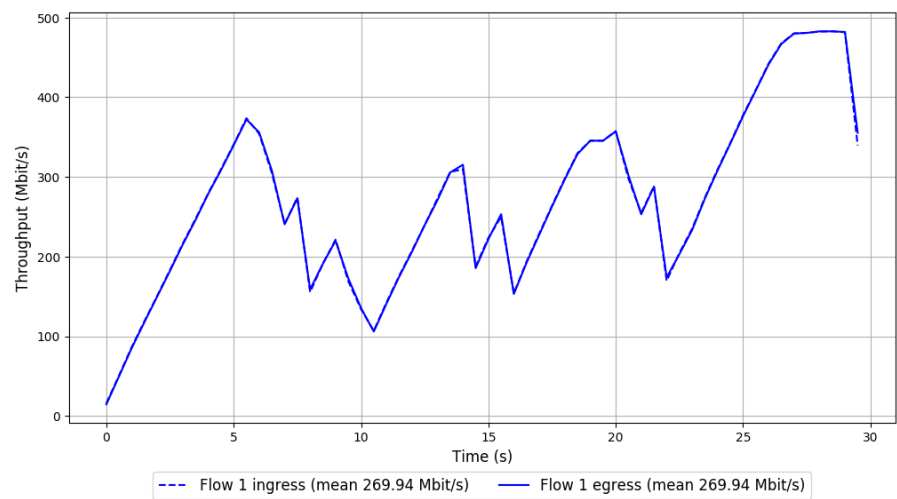
-- Flow 1:

Average throughput: 269.94 Mbit/s

95th percentile per-packet one-way delay: 17.182 ms

Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

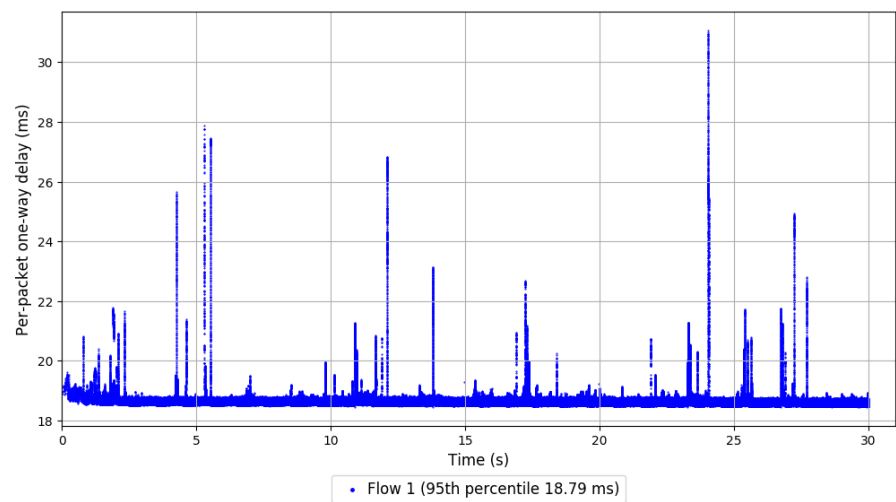
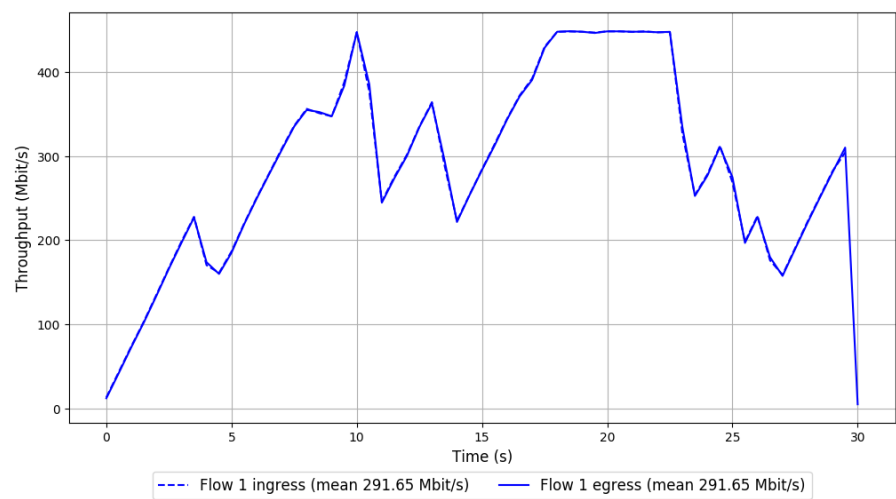


Run 7: Statistics of LEDBAT

Start at: 2018-03-06 06:00:47
End at: 2018-03-06 06:01:17
Local clock offset: -13.408 ms
Remote clock offset: 5.443 ms

Below is generated by plot.py at 2018-03-06 10:16:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 291.65 Mbit/s
95th percentile per-packet one-way delay: 18.790 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 291.65 Mbit/s
95th percentile per-packet one-way delay: 18.790 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

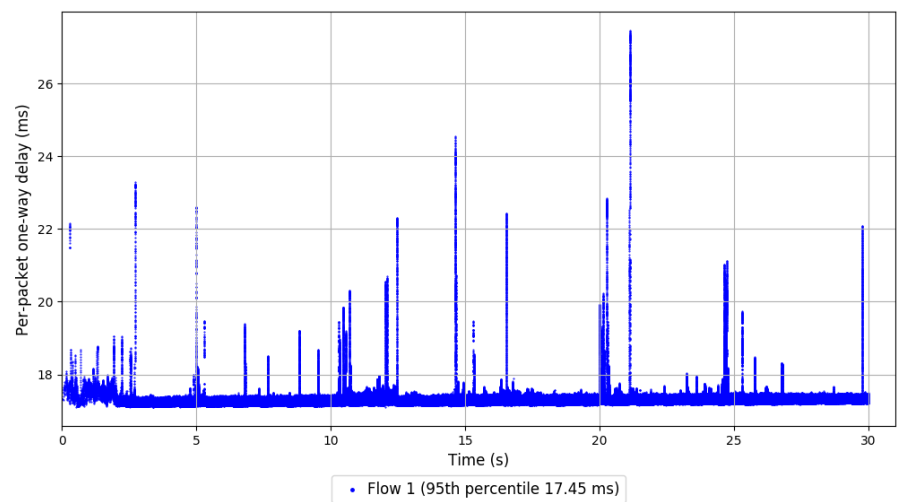
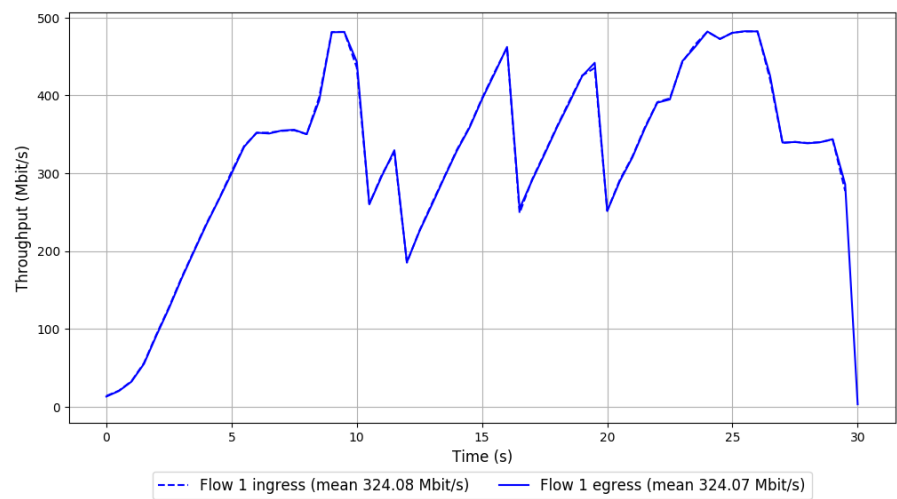


Run 8: Statistics of LEDBAT

Start at: 2018-03-06 06:28:27
End at: 2018-03-06 06:28:57
Local clock offset: -17.266 ms
Remote clock offset: 2.823 ms

Below is generated by plot.py at 2018-03-06 10:17:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 324.07 Mbit/s
95th percentile per-packet one-way delay: 17.448 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 324.07 Mbit/s
95th percentile per-packet one-way delay: 17.448 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

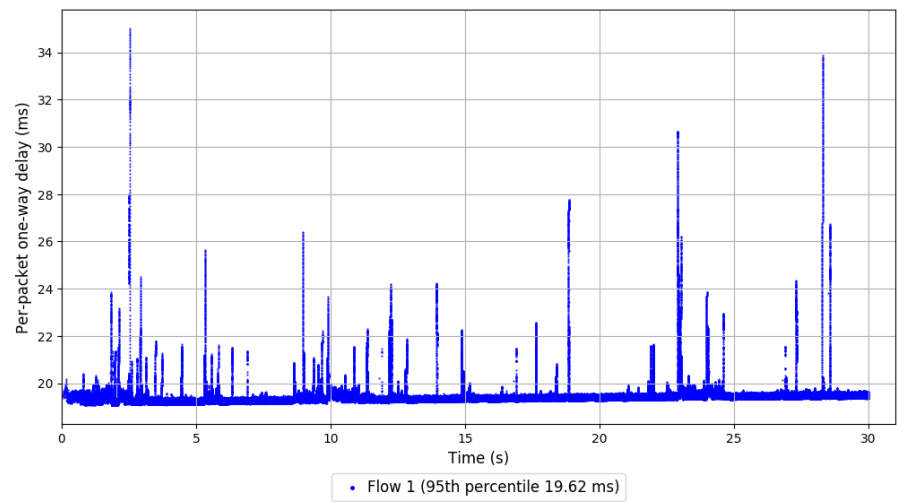
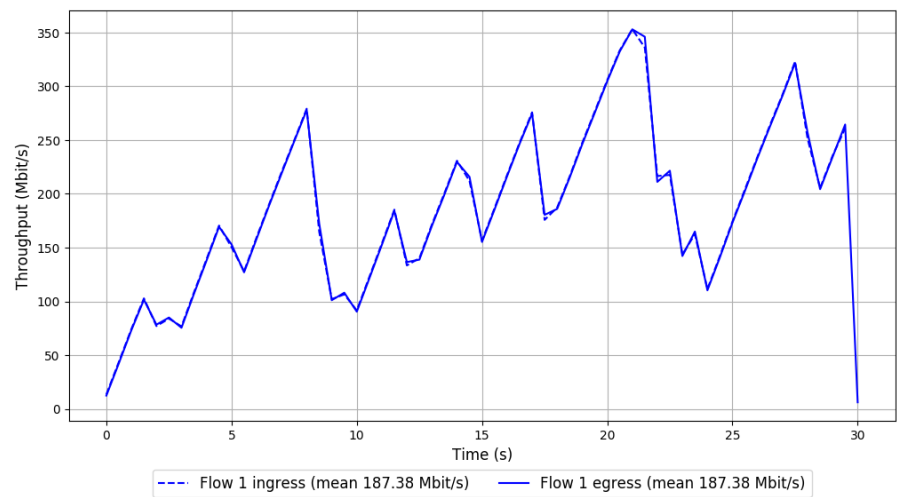


Run 9: Statistics of LEDBAT

Start at: 2018-03-06 06:55:59
End at: 2018-03-06 06:56:29
Local clock offset: -8.344 ms
Remote clock offset: -0.567 ms

Below is generated by plot.py at 2018-03-06 10:17:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 187.38 Mbit/s
95th percentile per-packet one-way delay: 19.621 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 187.38 Mbit/s
95th percentile per-packet one-way delay: 19.621 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

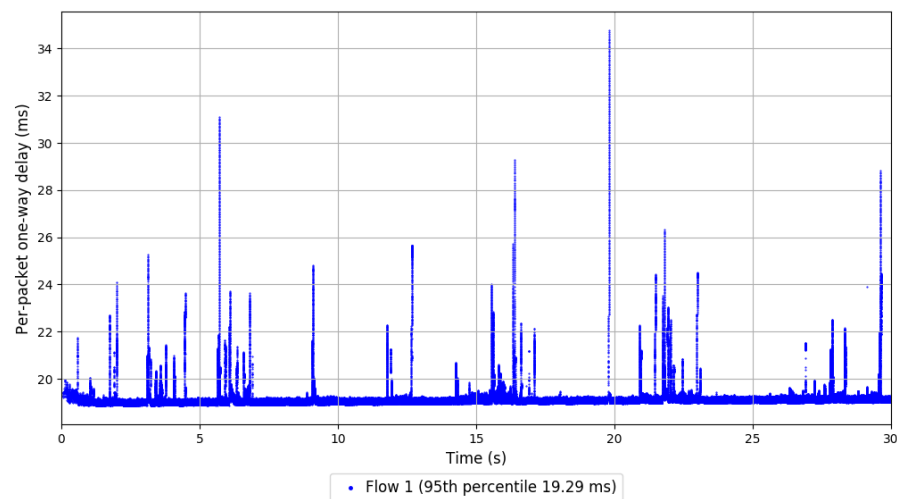
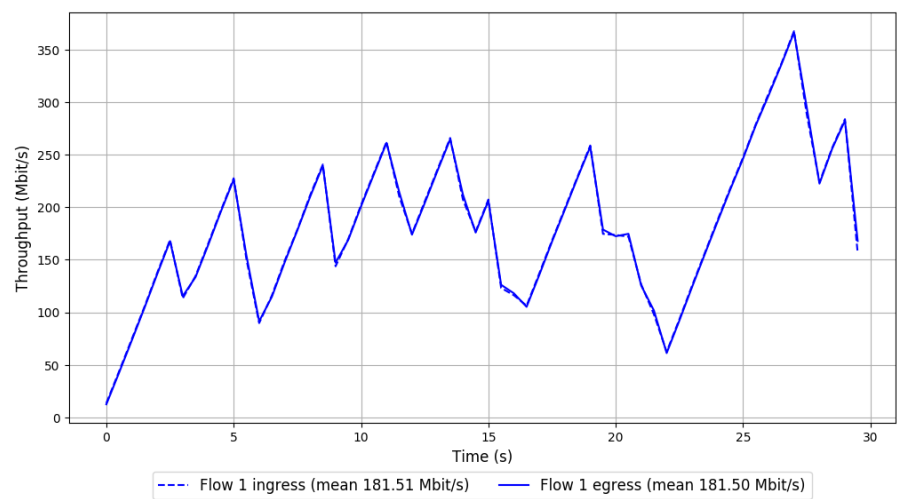


Run 10: Statistics of LEDBAT

Start at: 2018-03-06 07:23:14
End at: 2018-03-06 07:23:44
Local clock offset: -0.251 ms
Remote clock offset: -0.532 ms

Below is generated by plot.py at 2018-03-06 10:17:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 181.50 Mbit/s
95th percentile per-packet one-way delay: 19.292 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 181.50 Mbit/s
95th percentile per-packet one-way delay: 19.292 ms
Loss rate: 0.01%

Run 10: Report of LEDBAT — Data Link

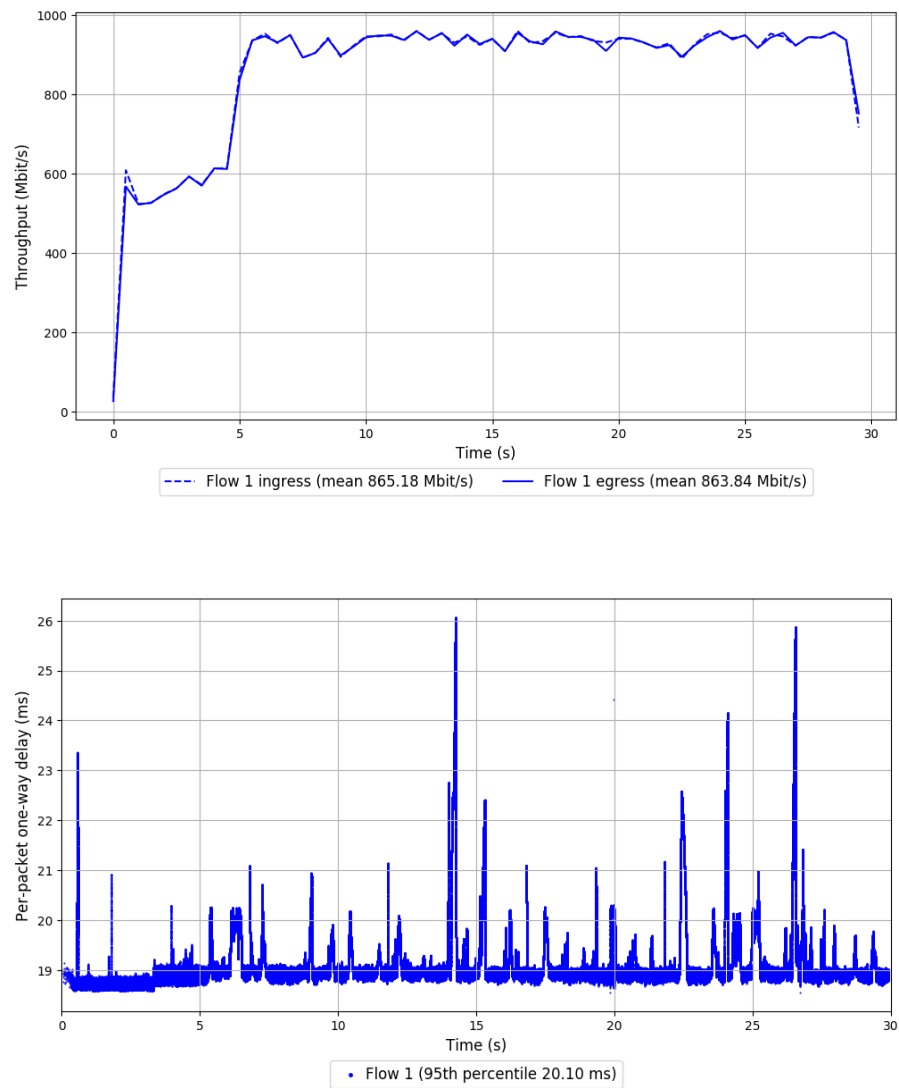


Run 1: Statistics of PCC

Start at: 2018-03-06 03:34:40
End at: 2018-03-06 03:35:10
Local clock offset: 2.758 ms
Remote clock offset: -0.984 ms

Below is generated by plot.py at 2018-03-06 10:26:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 863.84 Mbit/s
95th percentile per-packet one-way delay: 20.097 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 863.84 Mbit/s
95th percentile per-packet one-way delay: 20.097 ms
Loss rate: 0.16%

Run 1: Report of PCC — Data Link

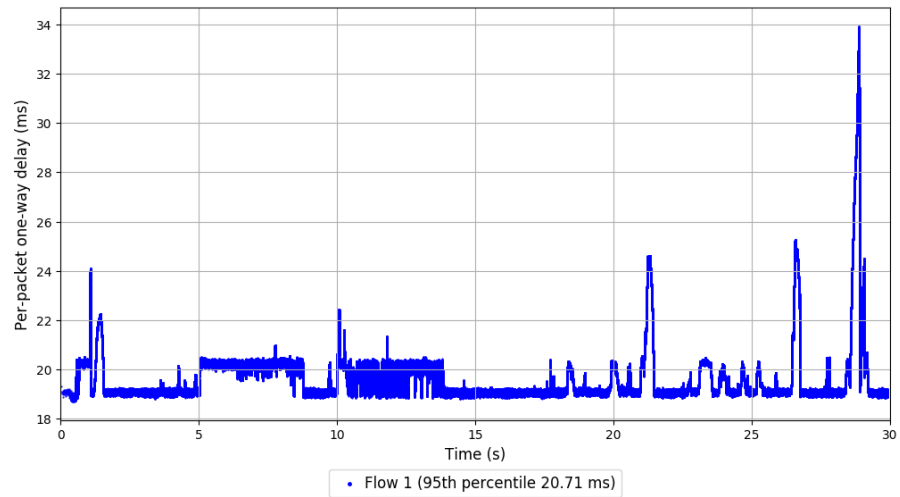
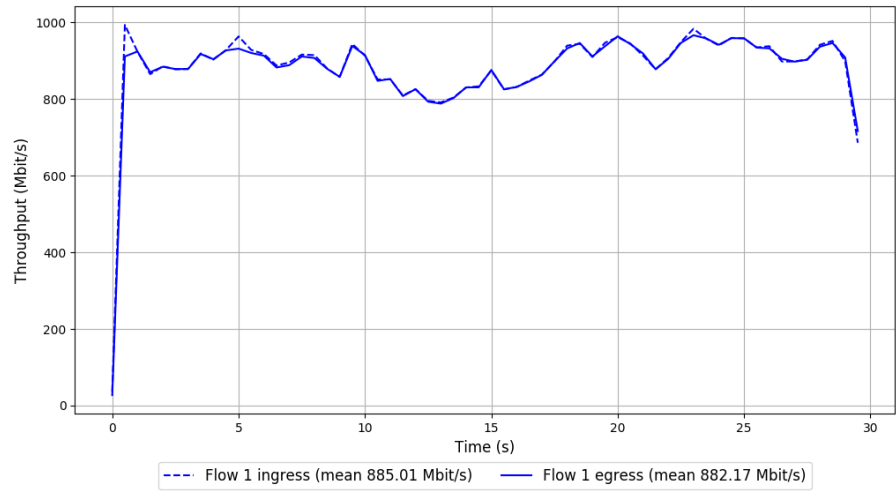


Run 2: Statistics of PCC

Start at: 2018-03-06 04:01:46
End at: 2018-03-06 04:02:16
Local clock offset: 2.252 ms
Remote clock offset: -0.254 ms

Below is generated by plot.py at 2018-03-06 10:28:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 882.17 Mbit/s
95th percentile per-packet one-way delay: 20.711 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 882.17 Mbit/s
95th percentile per-packet one-way delay: 20.711 ms
Loss rate: 0.33%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2018-03-06 04:29:38

End at: 2018-03-06 04:30:08

Local clock offset: 1.608 ms

Remote clock offset: 4.542 ms

Below is generated by plot.py at 2018-03-06 10:28:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 910.91 Mbit/s

95th percentile per-packet one-way delay: 29.386 ms

Loss rate: 0.31%

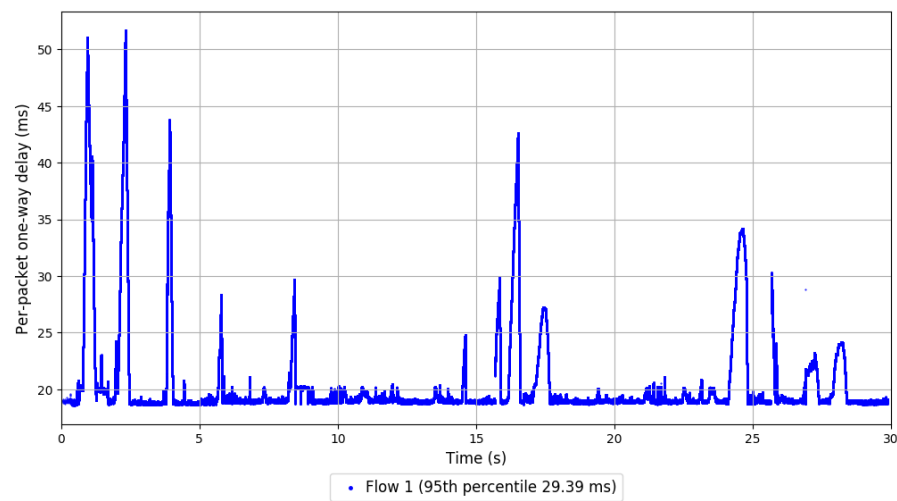
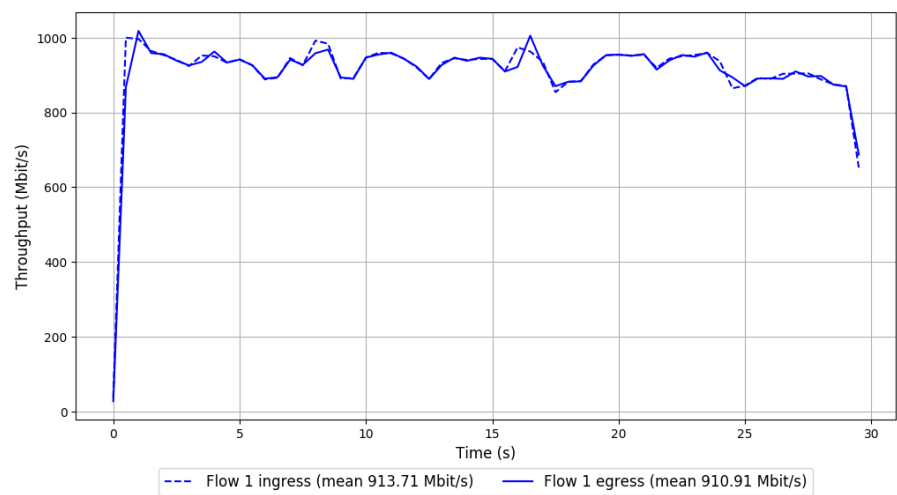
-- Flow 1:

Average throughput: 910.91 Mbit/s

95th percentile per-packet one-way delay: 29.386 ms

Loss rate: 0.31%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2018-03-06 04:56:59

End at: 2018-03-06 04:57:29

Local clock offset: 0.683 ms

Remote clock offset: 0.736 ms

Below is generated by plot.py at 2018-03-06 10:28:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 837.48 Mbit/s

95th percentile per-packet one-way delay: 20.055 ms

Loss rate: 0.08%

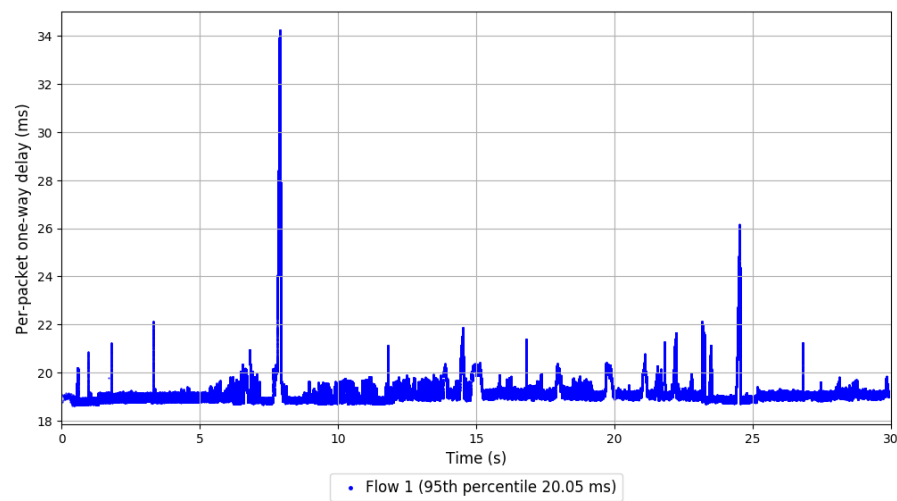
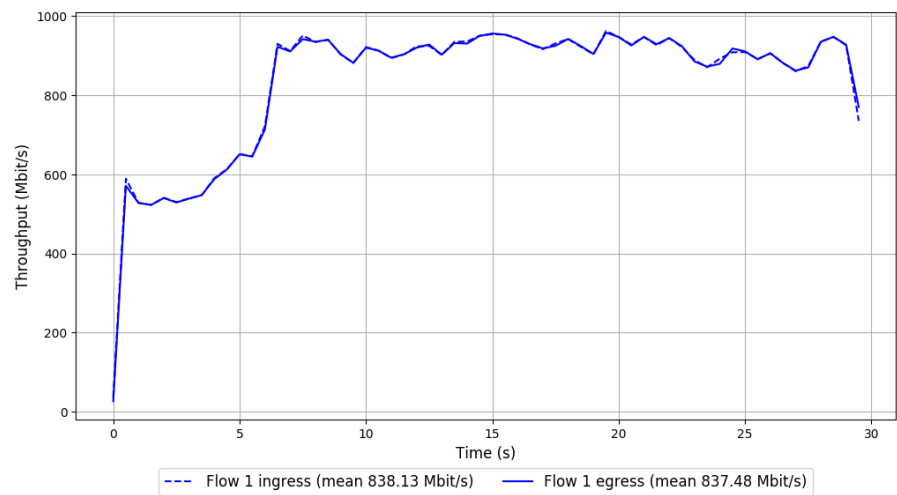
-- Flow 1:

Average throughput: 837.48 Mbit/s

95th percentile per-packet one-way delay: 20.055 ms

Loss rate: 0.08%

Run 4: Report of PCC — Data Link



Run 5: Statistics of PCC

Start at: 2018-03-06 05:24:29

End at: 2018-03-06 05:24:59

Local clock offset: -7.898 ms

Remote clock offset: 3.891 ms

Below is generated by plot.py at 2018-03-06 10:29:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 919.61 Mbit/s

95th percentile per-packet one-way delay: 23.813 ms

Loss rate: 0.23%

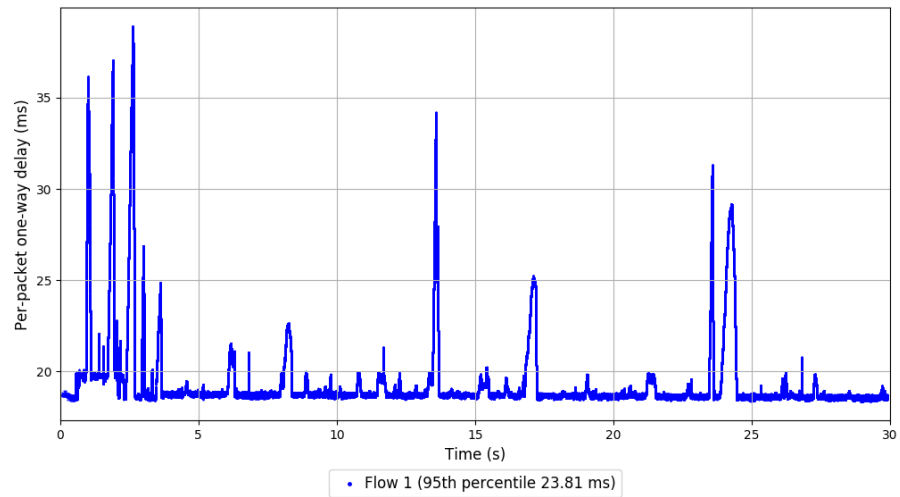
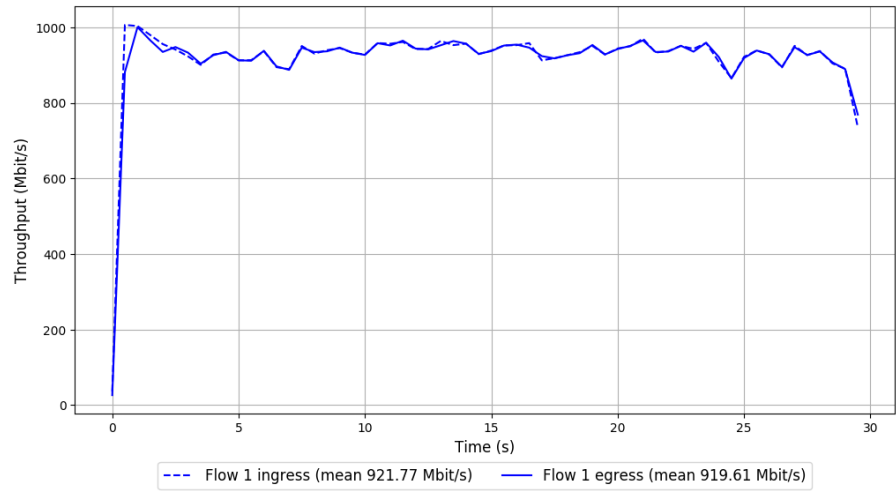
-- Flow 1:

Average throughput: 919.61 Mbit/s

95th percentile per-packet one-way delay: 23.813 ms

Loss rate: 0.23%

Run 5: Report of PCC — Data Link

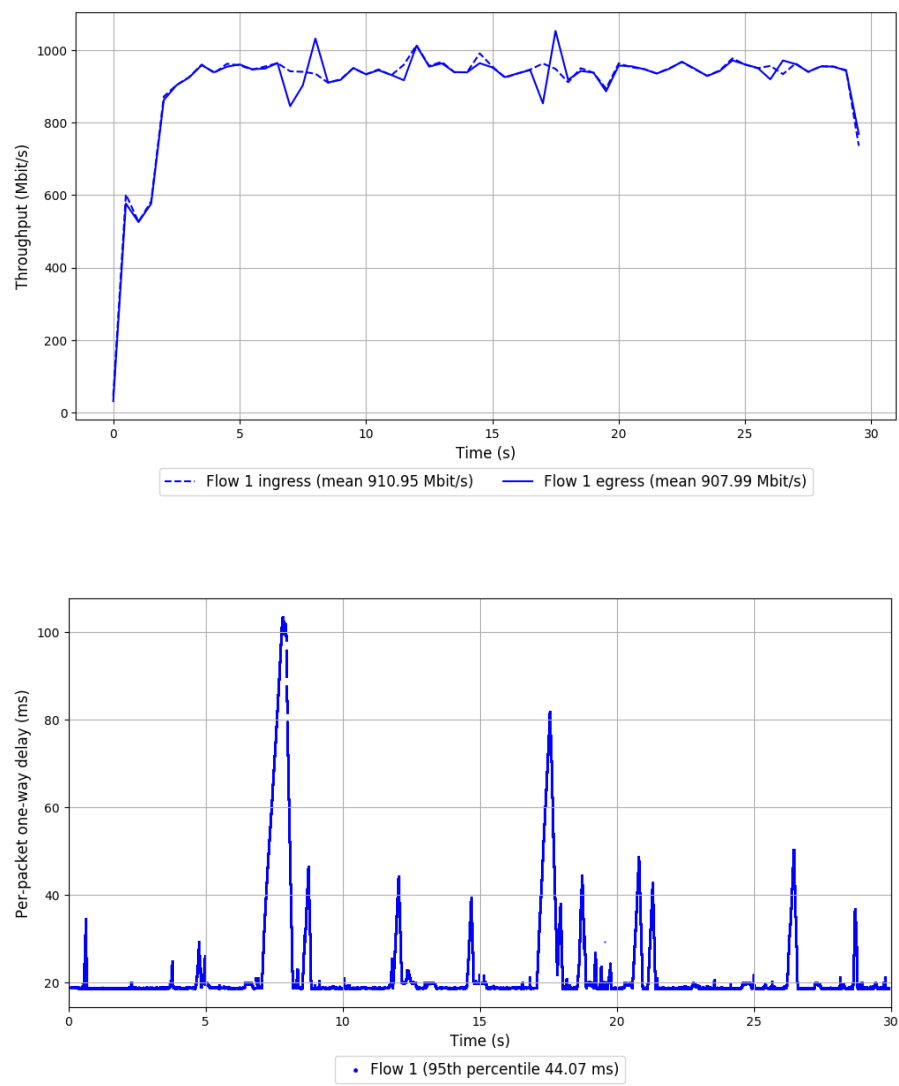


Run 6: Statistics of PCC

Start at: 2018-03-06 05:51:54
End at: 2018-03-06 05:52:24
Local clock offset: -12.191 ms
Remote clock offset: 6.303 ms

Below is generated by plot.py at 2018-03-06 10:29:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 907.99 Mbit/s
95th percentile per-packet one-way delay: 44.068 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 907.99 Mbit/s
95th percentile per-packet one-way delay: 44.068 ms
Loss rate: 0.33%

Run 6: Report of PCC — Data Link

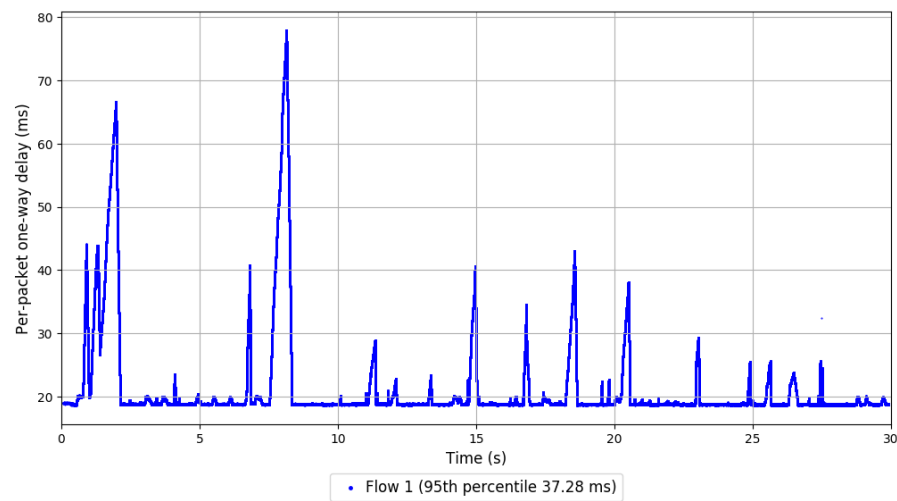
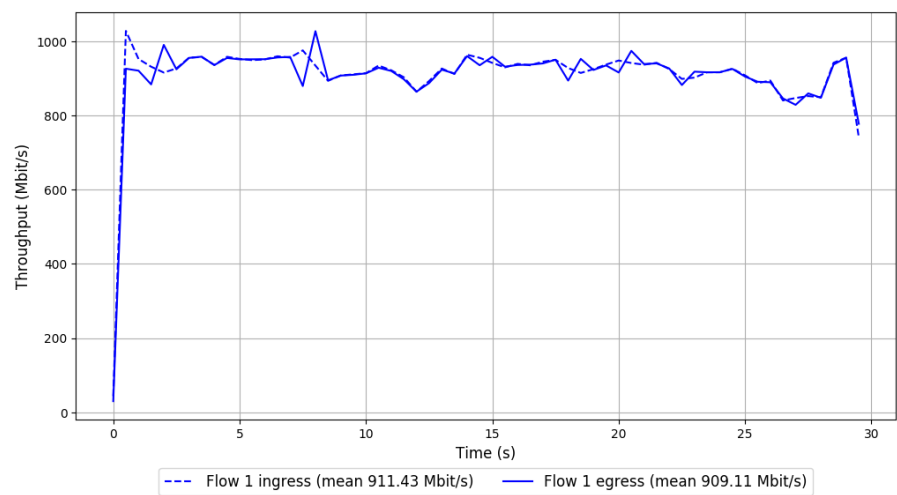


Run 7: Statistics of PCC

Start at: 2018-03-06 06:19:35
End at: 2018-03-06 06:20:05
Local clock offset: -16.046 ms
Remote clock offset: 5.661 ms

Below is generated by plot.py at 2018-03-06 10:29:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 909.11 Mbit/s
95th percentile per-packet one-way delay: 37.281 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 909.11 Mbit/s
95th percentile per-packet one-way delay: 37.281 ms
Loss rate: 0.26%

Run 7: Report of PCC — Data Link

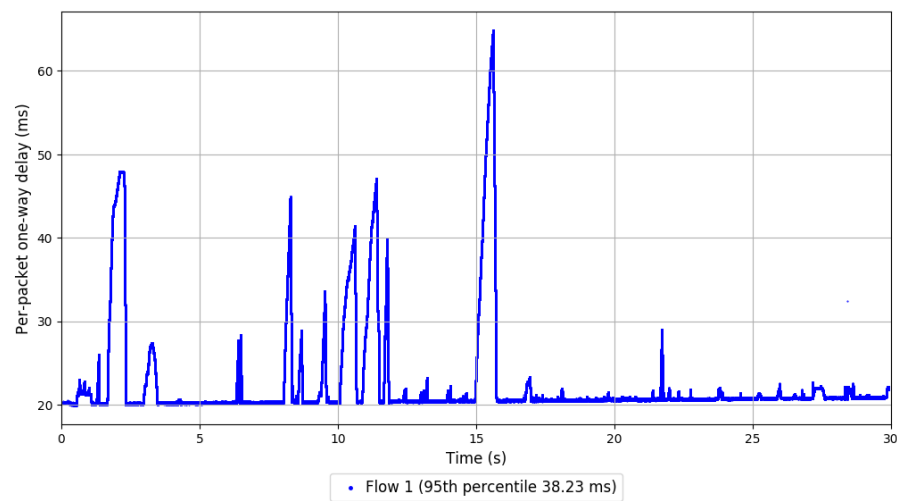
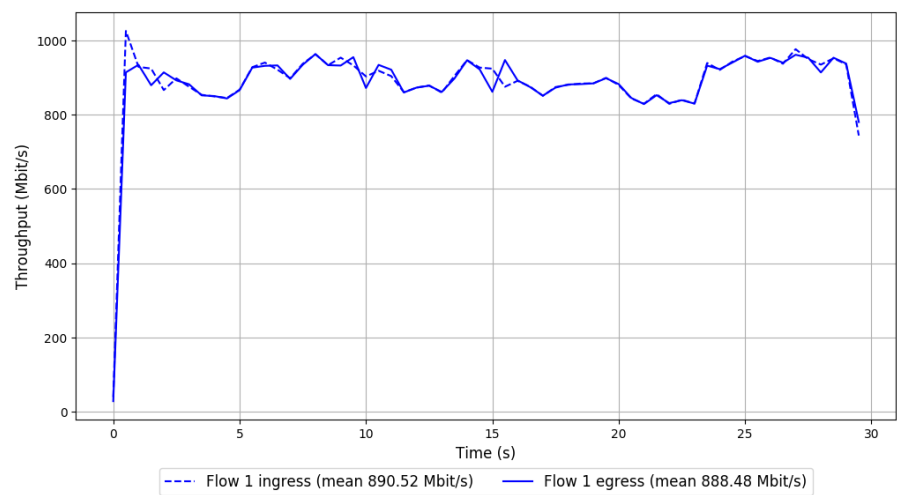


Run 8: Statistics of PCC

Start at: 2018-03-06 06:47:10
End at: 2018-03-06 06:47:40
Local clock offset: -17.715 ms
Remote clock offset: 0.021 ms

Below is generated by plot.py at 2018-03-06 10:30:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 888.48 Mbit/s
95th percentile per-packet one-way delay: 38.226 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 888.48 Mbit/s
95th percentile per-packet one-way delay: 38.226 ms
Loss rate: 0.22%

Run 8: Report of PCC — Data Link

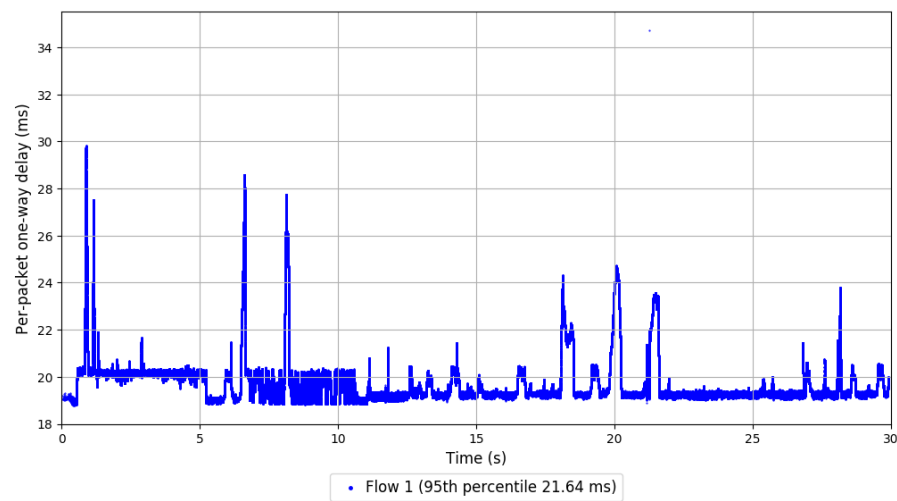
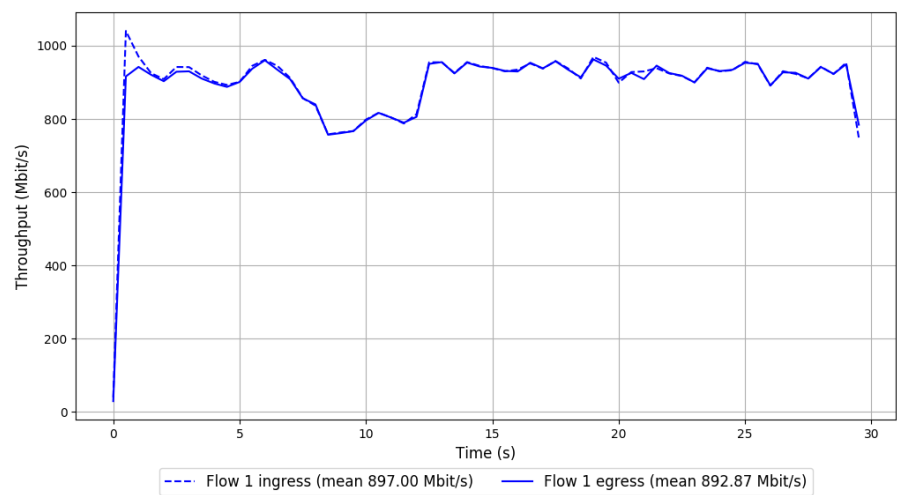


Run 9: Statistics of PCC

Start at: 2018-03-06 07:14:23
End at: 2018-03-06 07:14:53
Local clock offset: -2.26 ms
Remote clock offset: -0.441 ms

Below is generated by plot.py at 2018-03-06 10:40:02
Datalink statistics
-- Total of 1 flow:
Average throughput: 892.87 Mbit/s
95th percentile per-packet one-way delay: 21.641 ms
Loss rate: 0.46%
-- Flow 1:
Average throughput: 892.87 Mbit/s
95th percentile per-packet one-way delay: 21.641 ms
Loss rate: 0.46%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2018-03-06 07:41:59

End at: 2018-03-06 07:42:29

Local clock offset: 3.697 ms

Remote clock offset: 0.375 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 922.49 Mbit/s

95th percentile per-packet one-way delay: 21.520 ms

Loss rate: 0.24%

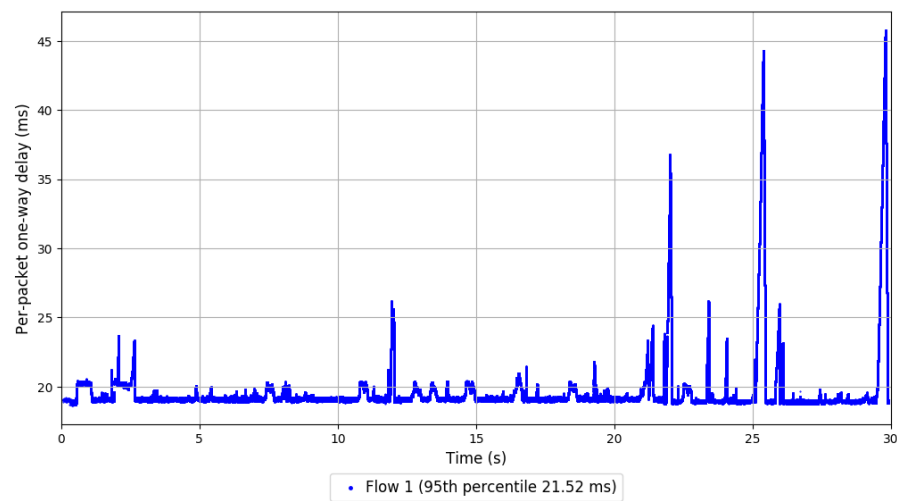
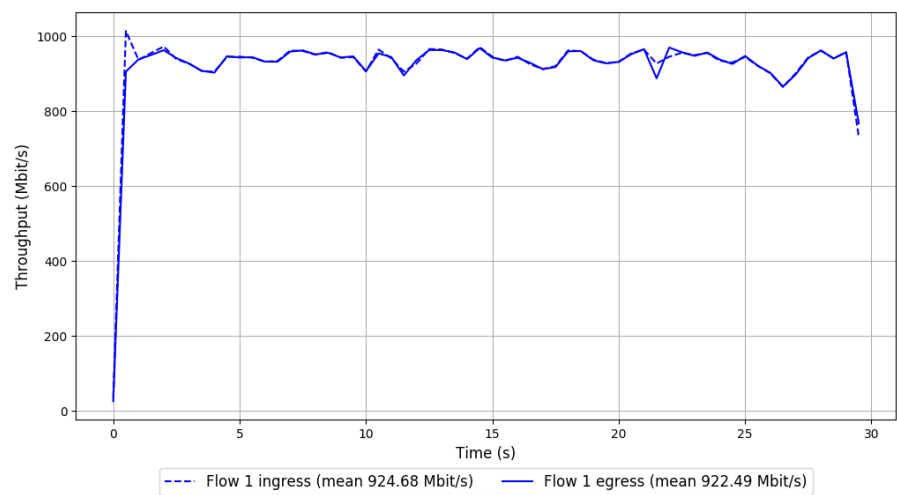
-- Flow 1:

Average throughput: 922.49 Mbit/s

95th percentile per-packet one-way delay: 21.520 ms

Loss rate: 0.24%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-03-06 03:14:59

End at: 2018-03-06 03:15:29

Local clock offset: 2.582 ms

Remote clock offset: 0.205 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 78.75 Mbit/s

95th percentile per-packet one-way delay: 19.053 ms

Loss rate: 0.01%

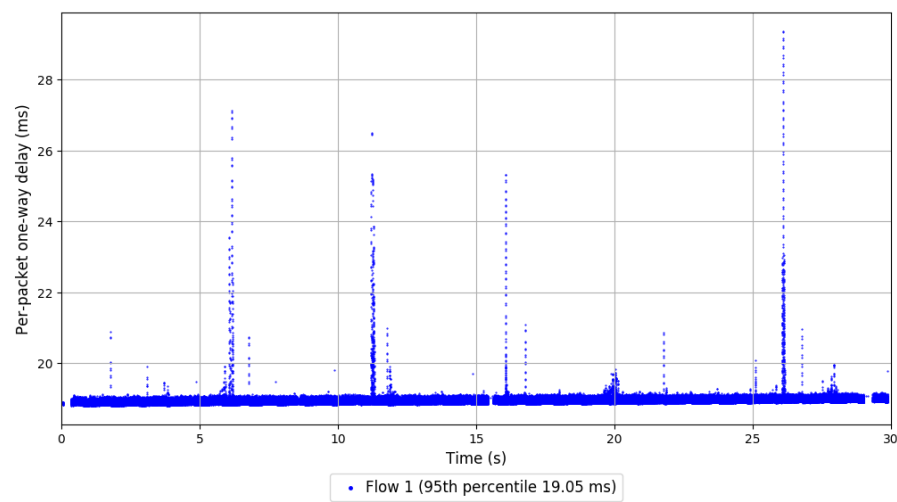
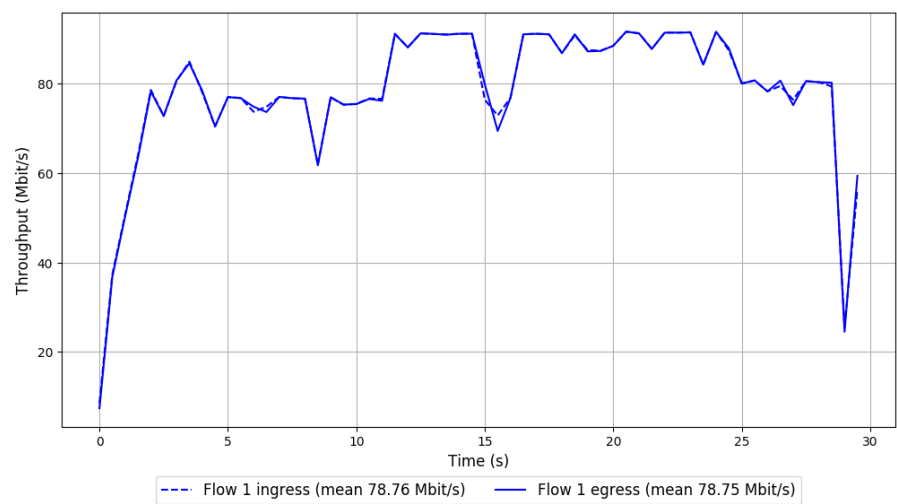
-- Flow 1:

Average throughput: 78.75 Mbit/s

95th percentile per-packet one-way delay: 19.053 ms

Loss rate: 0.01%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-03-06 03:42:08

End at: 2018-03-06 03:42:38

Local clock offset: 2.852 ms

Remote clock offset: -0.263 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.17 Mbit/s

95th percentile per-packet one-way delay: 18.807 ms

Loss rate: 0.01%

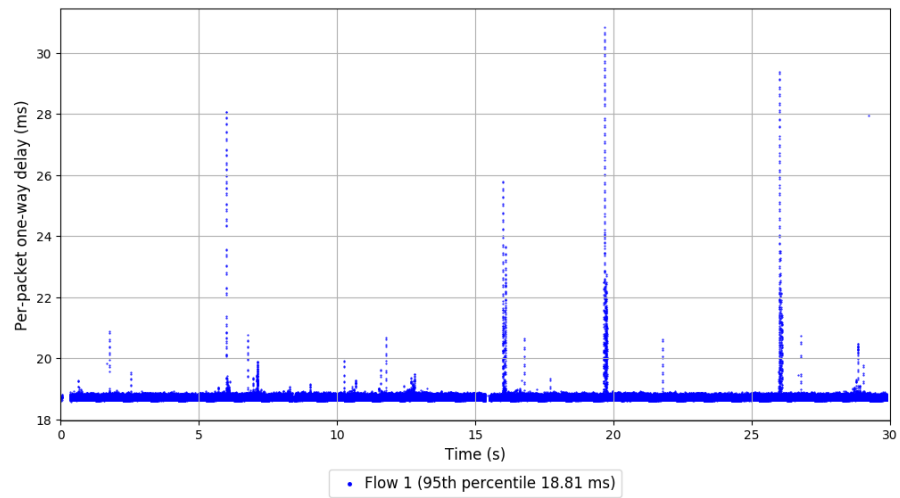
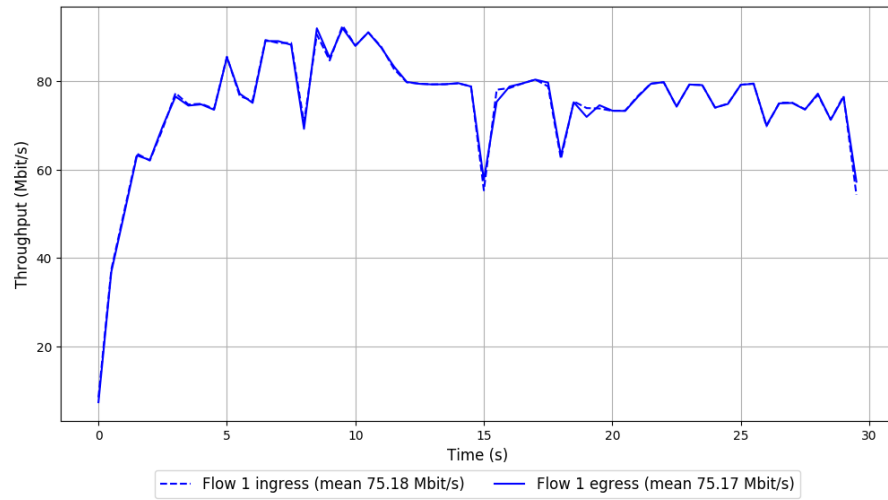
-- Flow 1:

Average throughput: 75.17 Mbit/s

95th percentile per-packet one-way delay: 18.807 ms

Loss rate: 0.01%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

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

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

Local clock offset: 1.916 ms

Remote clock offset: 1.289 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.65 Mbit/s

95th percentile per-packet one-way delay: 18.680 ms

Loss rate: 0.00%

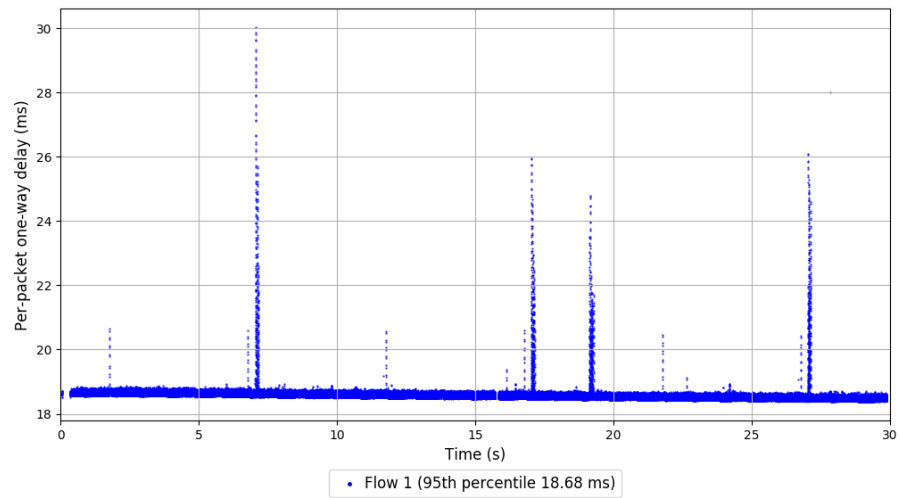
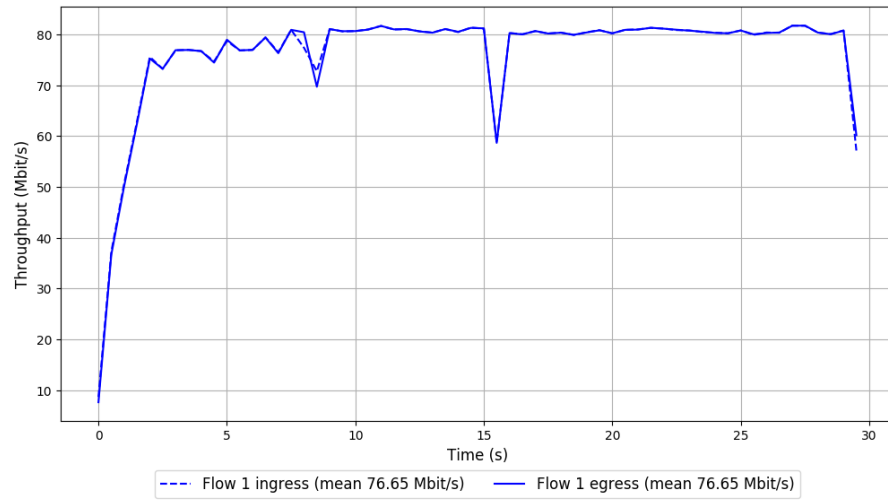
-- Flow 1:

Average throughput: 76.65 Mbit/s

95th percentile per-packet one-way delay: 18.680 ms

Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-03-06 04:37:07

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

Local clock offset: 1.113 ms

Remote clock offset: 4.997 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.23 Mbit/s

95th percentile per-packet one-way delay: 18.777 ms

Loss rate: 0.00%

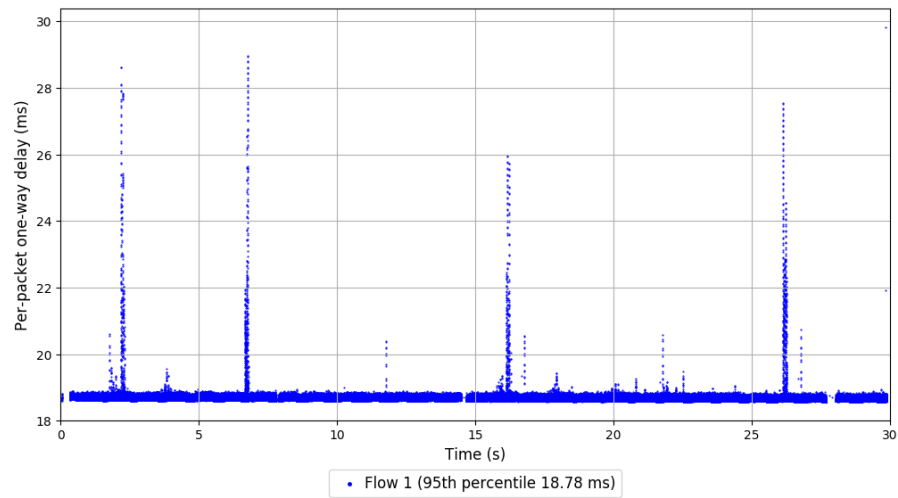
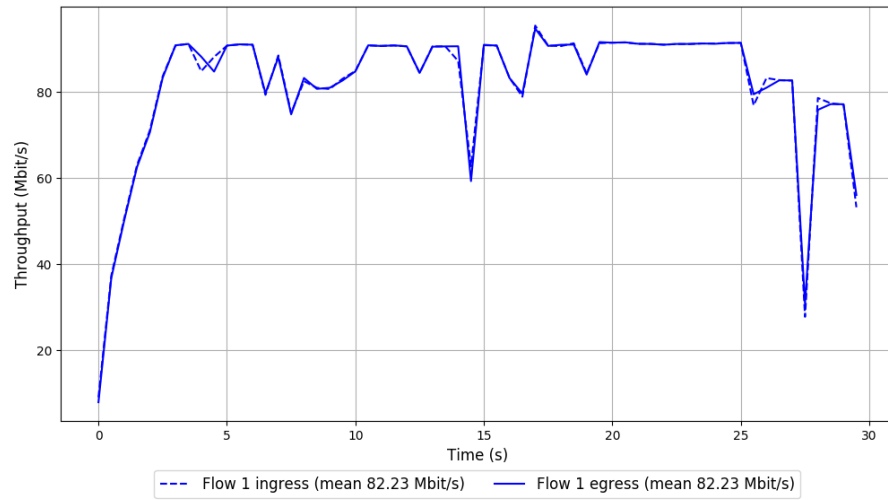
-- Flow 1:

Average throughput: 82.23 Mbit/s

95th percentile per-packet one-way delay: 18.777 ms

Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-03-06 05:04:30

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

Local clock offset: -0.207 ms

Remote clock offset: 0.126 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.71 Mbit/s

95th percentile per-packet one-way delay: 18.275 ms

Loss rate: 0.00%

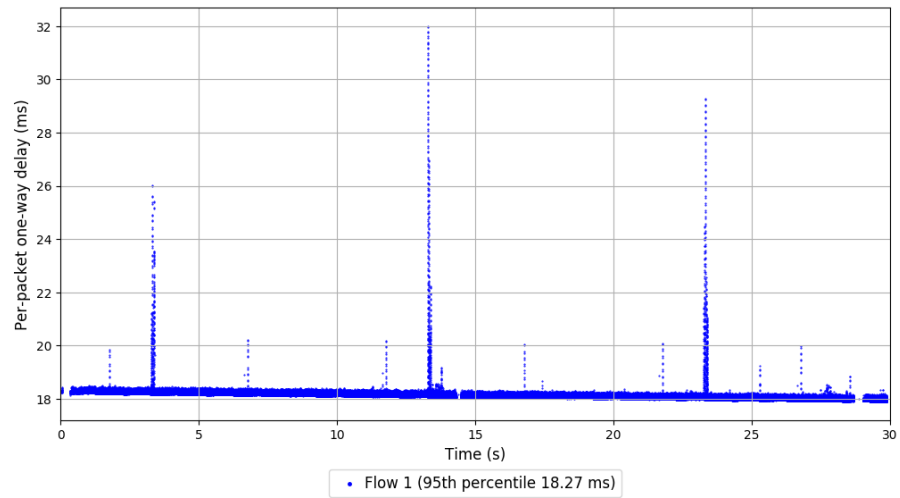
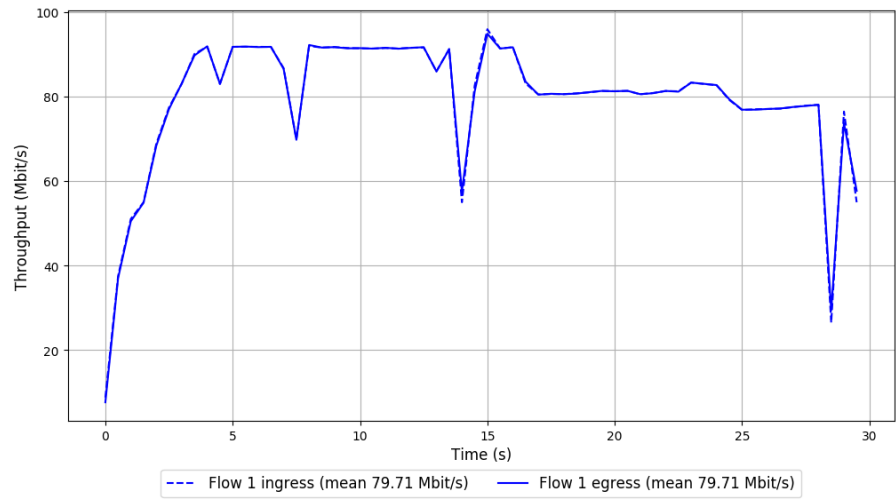
-- Flow 1:

Average throughput: 79.71 Mbit/s

95th percentile per-packet one-way delay: 18.275 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-03-06 05:32:01

End at: 2018-03-06 05:32:31

Local clock offset: -9.254 ms

Remote clock offset: 5.444 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 81.12 Mbit/s

95th percentile per-packet one-way delay: 18.695 ms

Loss rate: 0.00%

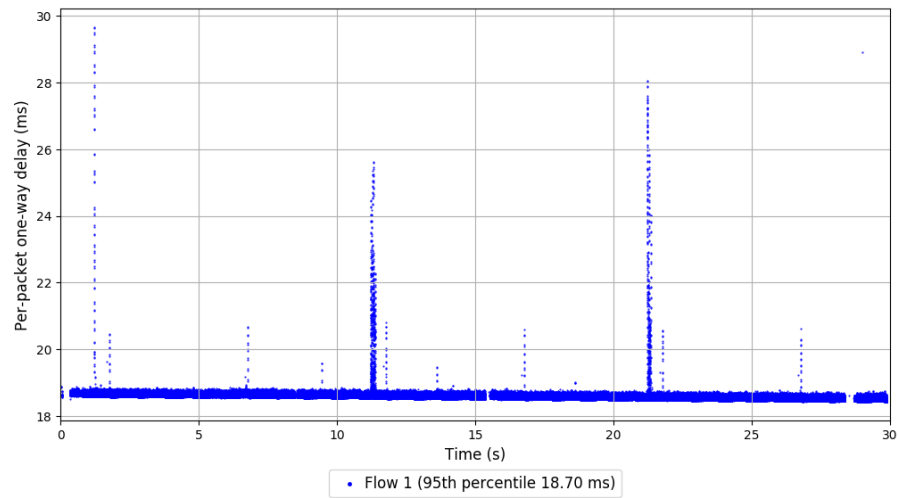
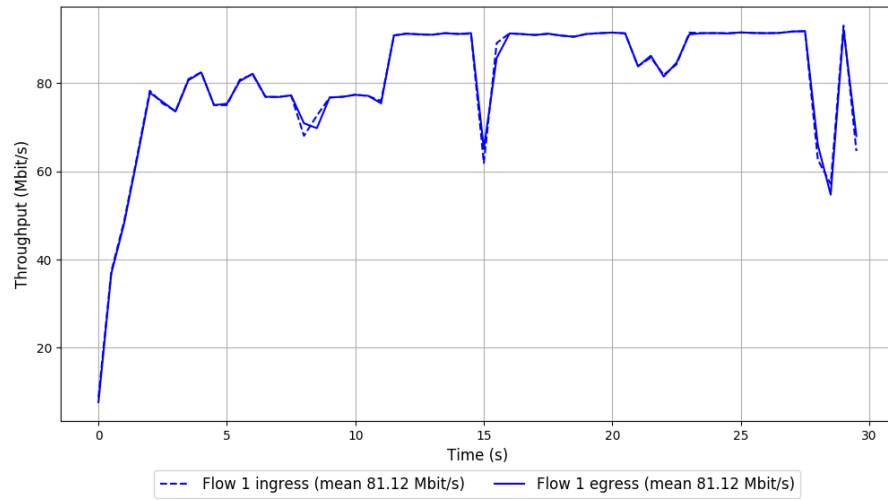
-- Flow 1:

Average throughput: 81.12 Mbit/s

95th percentile per-packet one-way delay: 18.695 ms

Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link

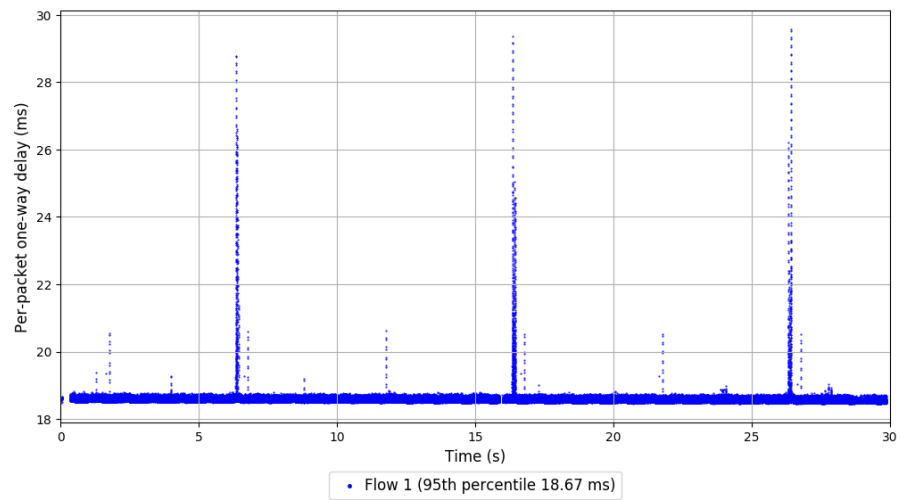
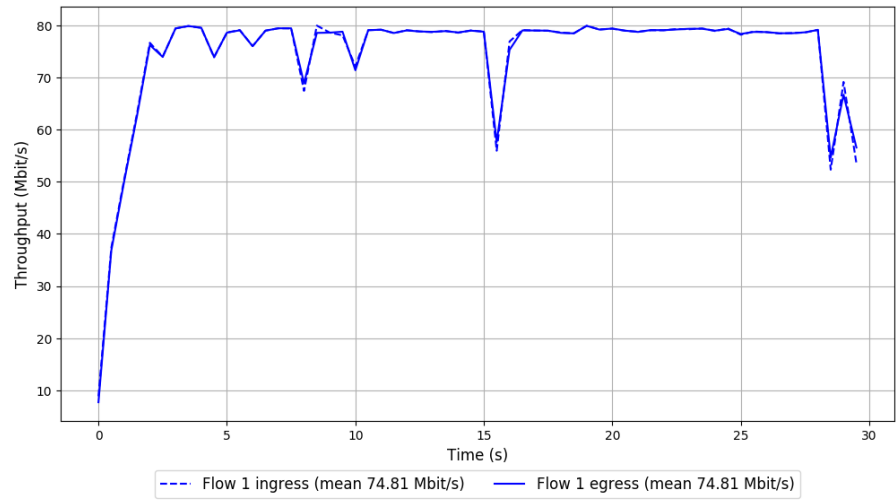


Run 7: Statistics of QUIC Cubic

Start at: 2018-03-06 05:59:26
End at: 2018-03-06 05:59:56
Local clock offset: -13.217 ms
Remote clock offset: 5.458 ms

Below is generated by plot.py at 2018-03-06 10:40:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.81 Mbit/s
95th percentile per-packet one-way delay: 18.667 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.81 Mbit/s
95th percentile per-packet one-way delay: 18.667 ms
Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link

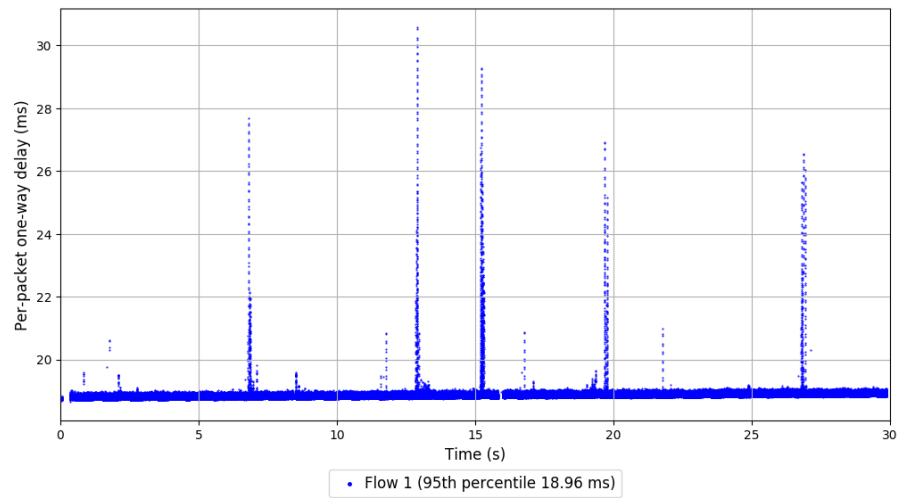
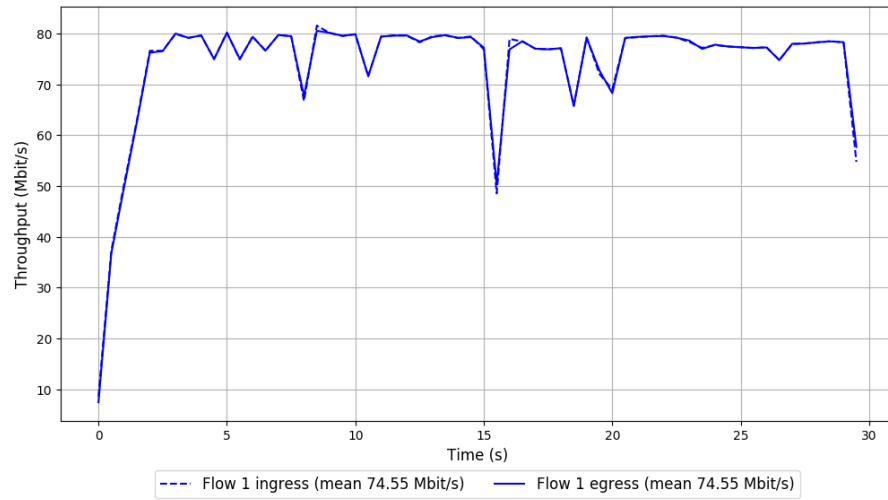


Run 8: Statistics of QUIC Cubic

Start at: 2018-03-06 06:27:05
End at: 2018-03-06 06:27:35
Local clock offset: -17.164 ms
Remote clock offset: 3.384 ms

Below is generated by plot.py at 2018-03-06 10:40:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.55 Mbit/s
95th percentile per-packet one-way delay: 18.962 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 74.55 Mbit/s
95th percentile per-packet one-way delay: 18.962 ms
Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-03-06 06:54:38

End at: 2018-03-06 06:55:08

Local clock offset: -9.26 ms

Remote clock offset: -0.487 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.05 Mbit/s

95th percentile per-packet one-way delay: 19.579 ms

Loss rate: 0.00%

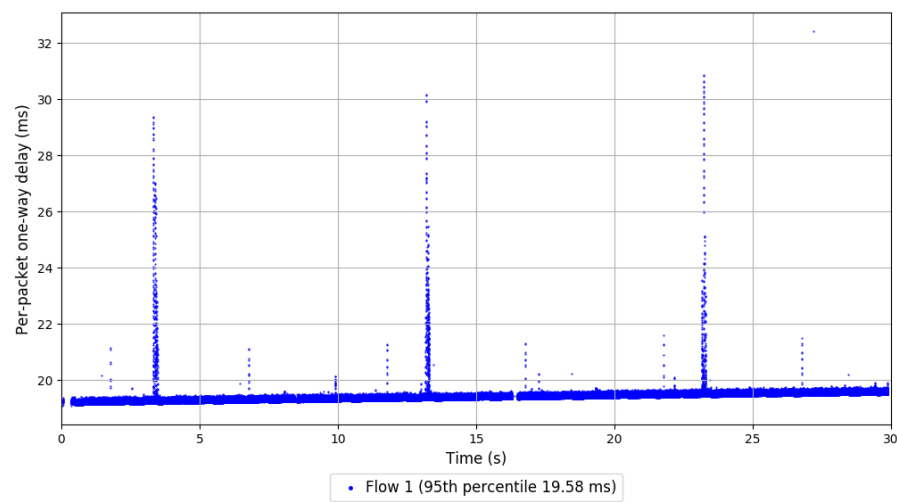
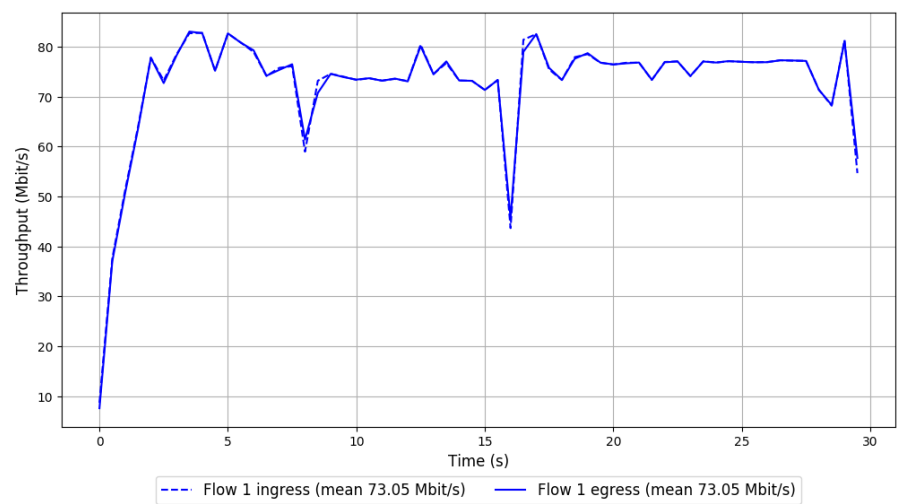
-- Flow 1:

Average throughput: 73.05 Mbit/s

95th percentile per-packet one-way delay: 19.579 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-03-06 07:21:52

End at: 2018-03-06 07:22:22

Local clock offset: -0.731 ms

Remote clock offset: -0.57 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 83.02 Mbit/s

95th percentile per-packet one-way delay: 19.710 ms

Loss rate: 0.00%

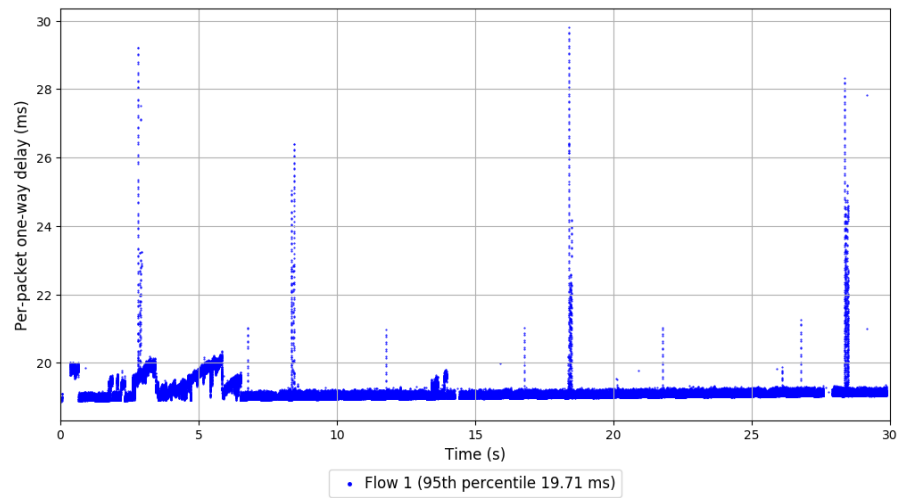
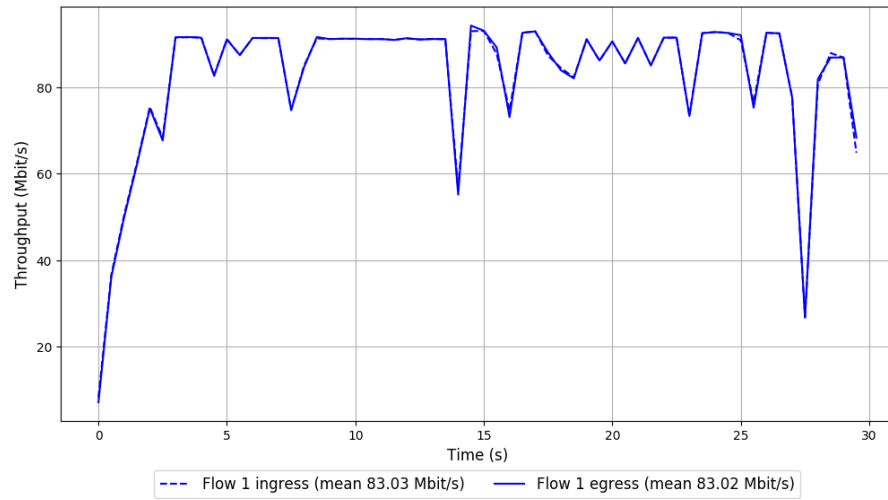
-- Flow 1:

Average throughput: 83.02 Mbit/s

95th percentile per-packet one-way delay: 19.710 ms

Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

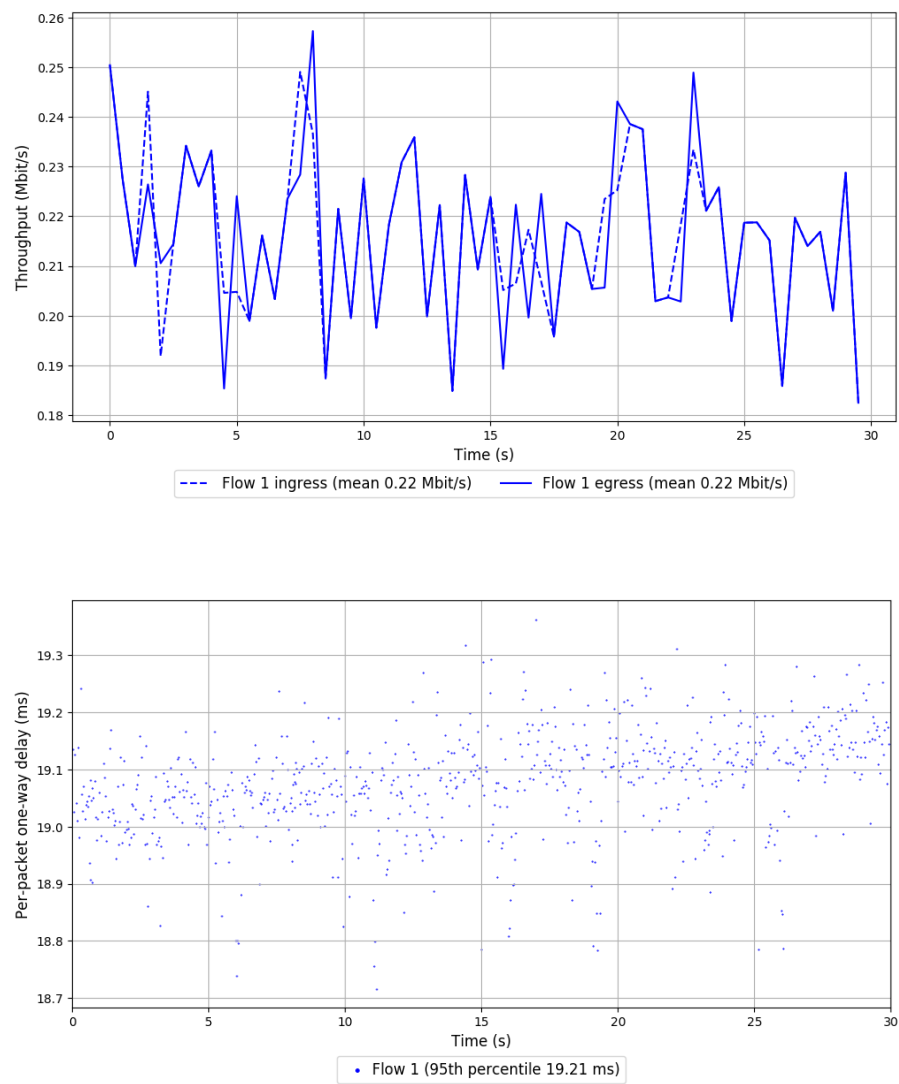


```
Run 1: Statistics of SCReAM

Start at: 2018-03-06 03:10:39
End at: 2018-03-06 03:11:09
Local clock offset: 2.472 ms
Remote clock offset: 0.926 ms

# Below is generated by plot.py at 2018-03-06 10:40:59
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.213 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.213 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

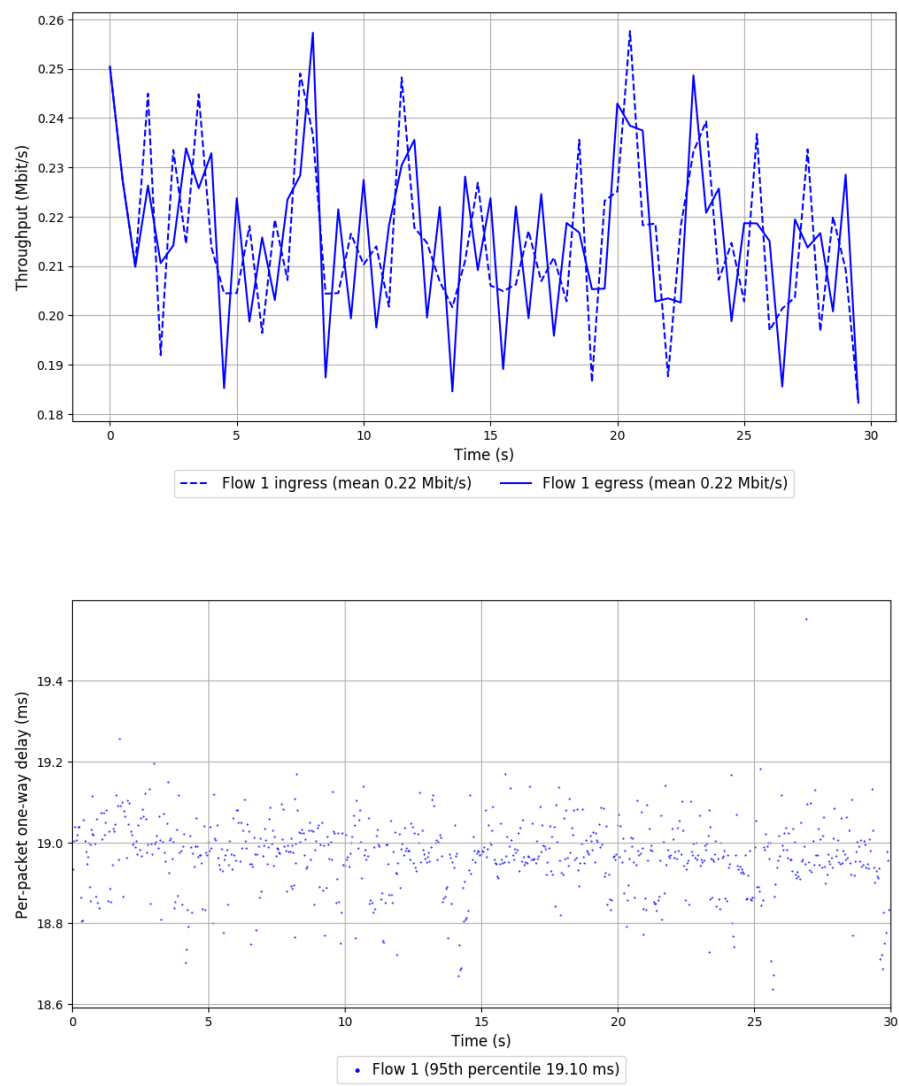


Run 2: Statistics of SCReAM

Start at: 2018-03-06 03:37:50
End at: 2018-03-06 03:38:20
Local clock offset: 2.7 ms
Remote clock offset: -0.626 ms

Below is generated by plot.py at 2018-03-06 10:40:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.097 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.097 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

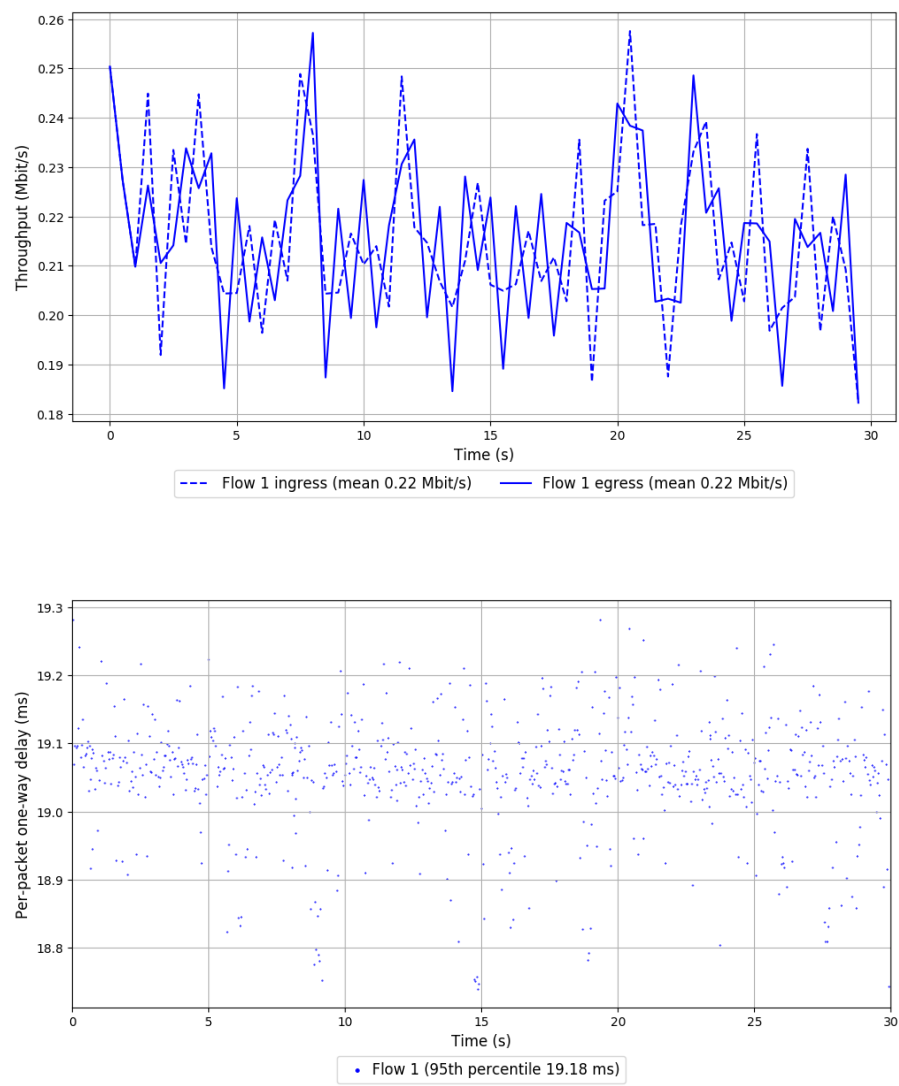


Run 3: Statistics of SCReAM

Start at: 2018-03-06 04:05:05
End at: 2018-03-06 04:05:35
Local clock offset: 2.013 ms
Remote clock offset: -0.379 ms

Below is generated by plot.py at 2018-03-06 10:40:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.182 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.182 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-03-06 04:32:49

End at: 2018-03-06 04:33:19

Local clock offset: 1.406 ms

Remote clock offset: 4.722 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.672 ms

Loss rate: 0.00%

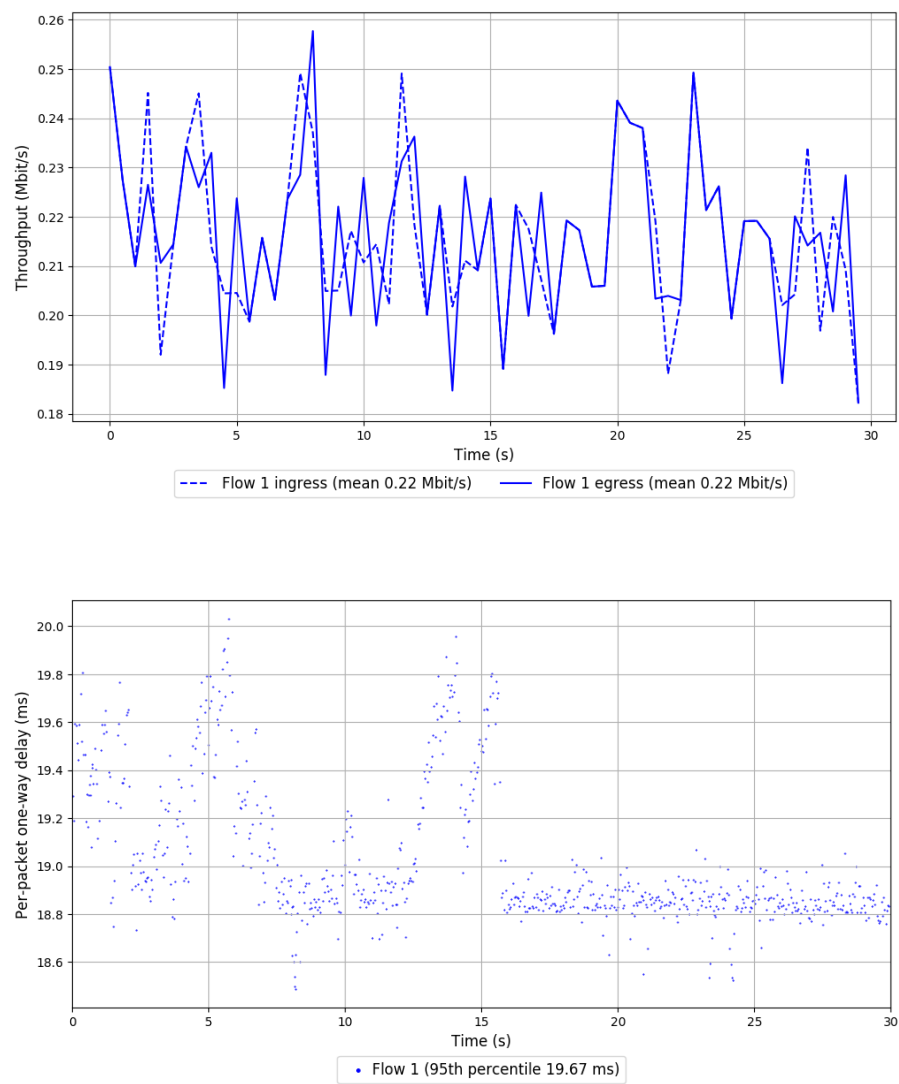
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.672 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SReAM

Start at: 2018-03-06 05:00:07

End at: 2018-03-06 05:00:37

Local clock offset: 0.638 ms

Remote clock offset: 0.414 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.147 ms

Loss rate: 0.00%

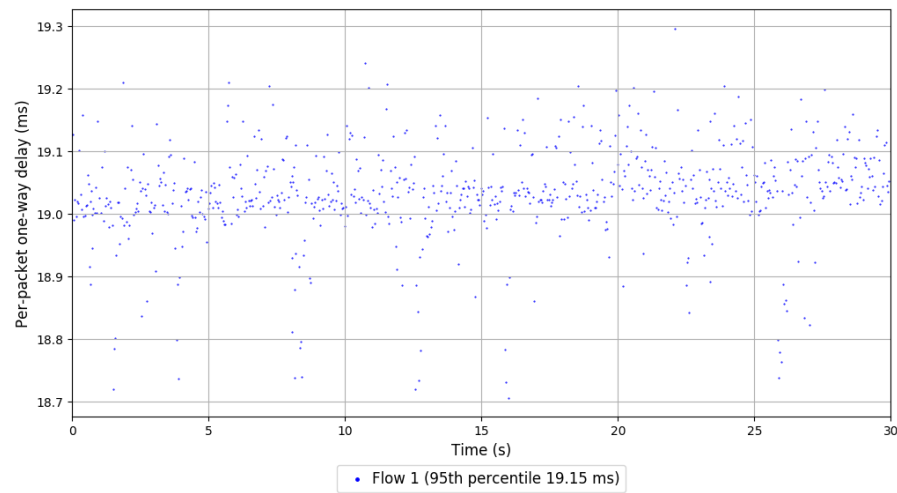
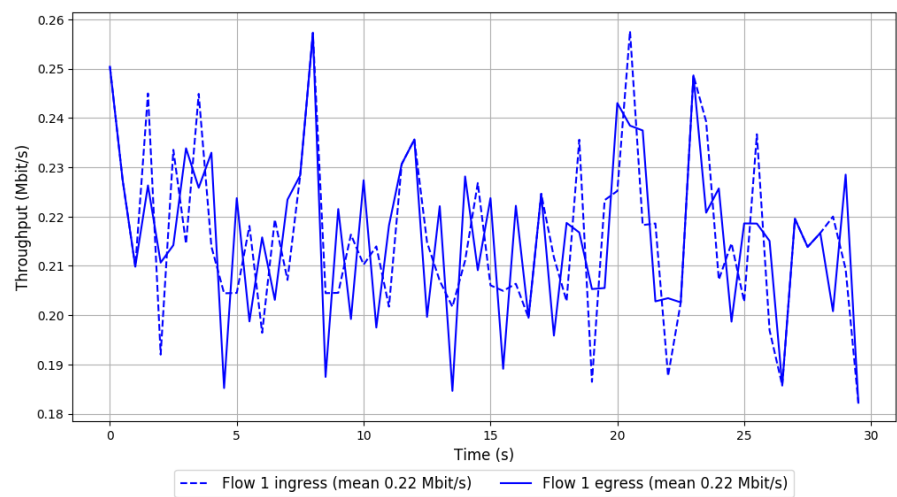
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.147 ms

Loss rate: 0.00%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SCReAM

Start at: 2018-03-06 05:27:40

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

Local clock offset: -8.476 ms

Remote clock offset: 4.582 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 18.799 ms

Loss rate: 0.00%

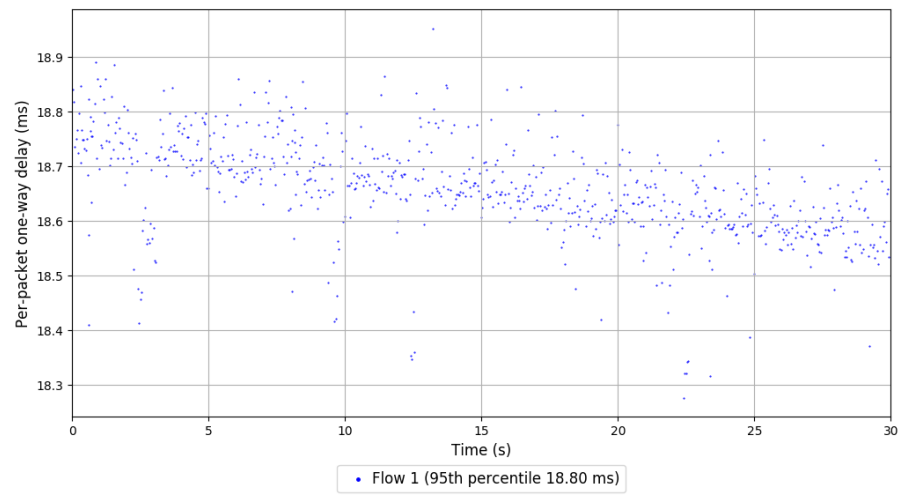
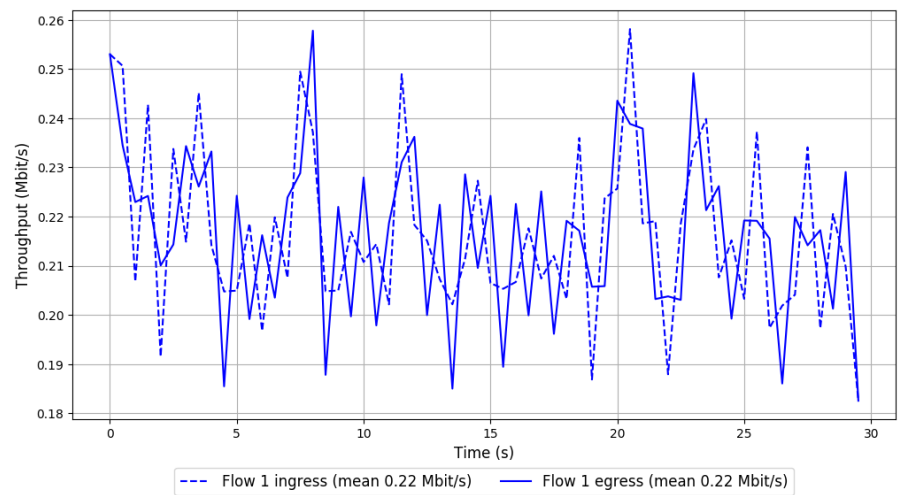
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 18.799 ms

Loss rate: 0.00%

Run 6: Report of SReAM — Data Link



Run 7: Statistics of SCReAM

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

End at: 2018-03-06 05:55:35

Local clock offset: -12.71 ms

Remote clock offset: 5.903 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 17.711 ms

Loss rate: 0.00%

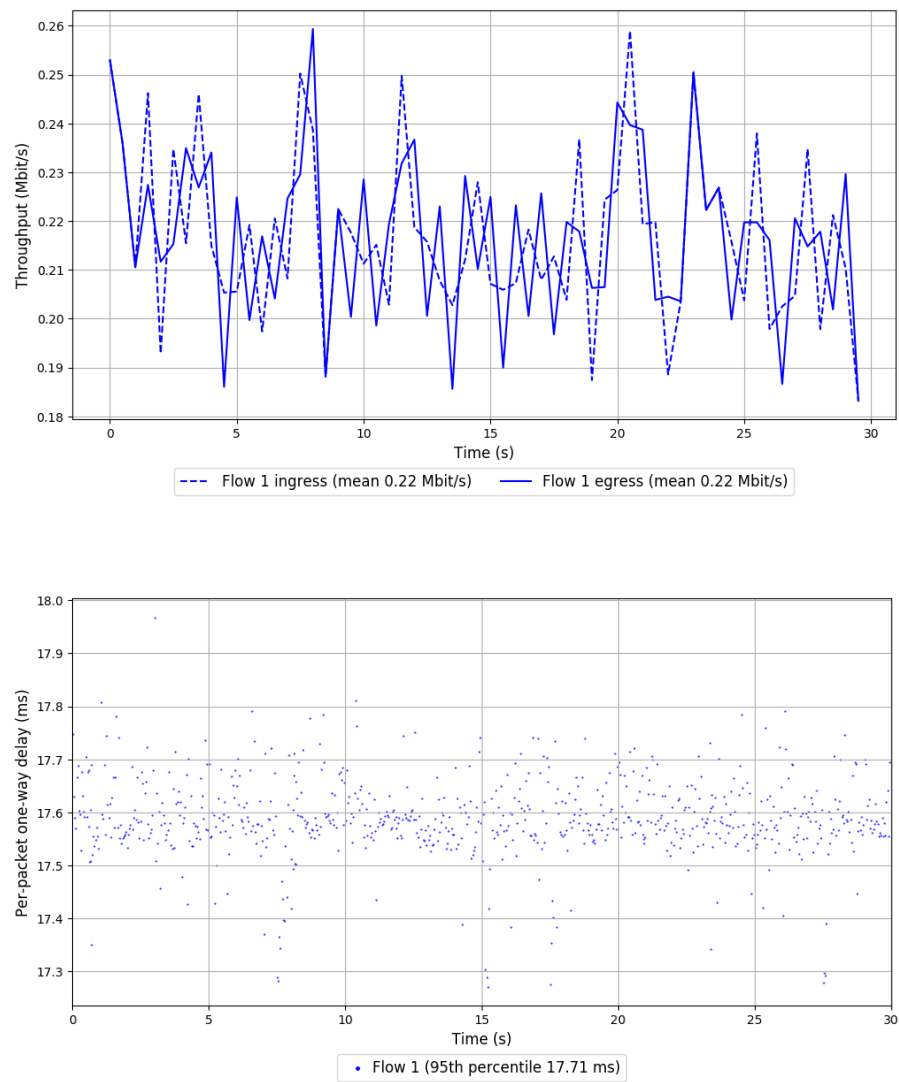
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 17.711 ms

Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-03-06 06:22:46

End at: 2018-03-06 06:23:16

Local clock offset: -16.49 ms

Remote clock offset: 5.602 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.366 ms

Loss rate: 0.00%

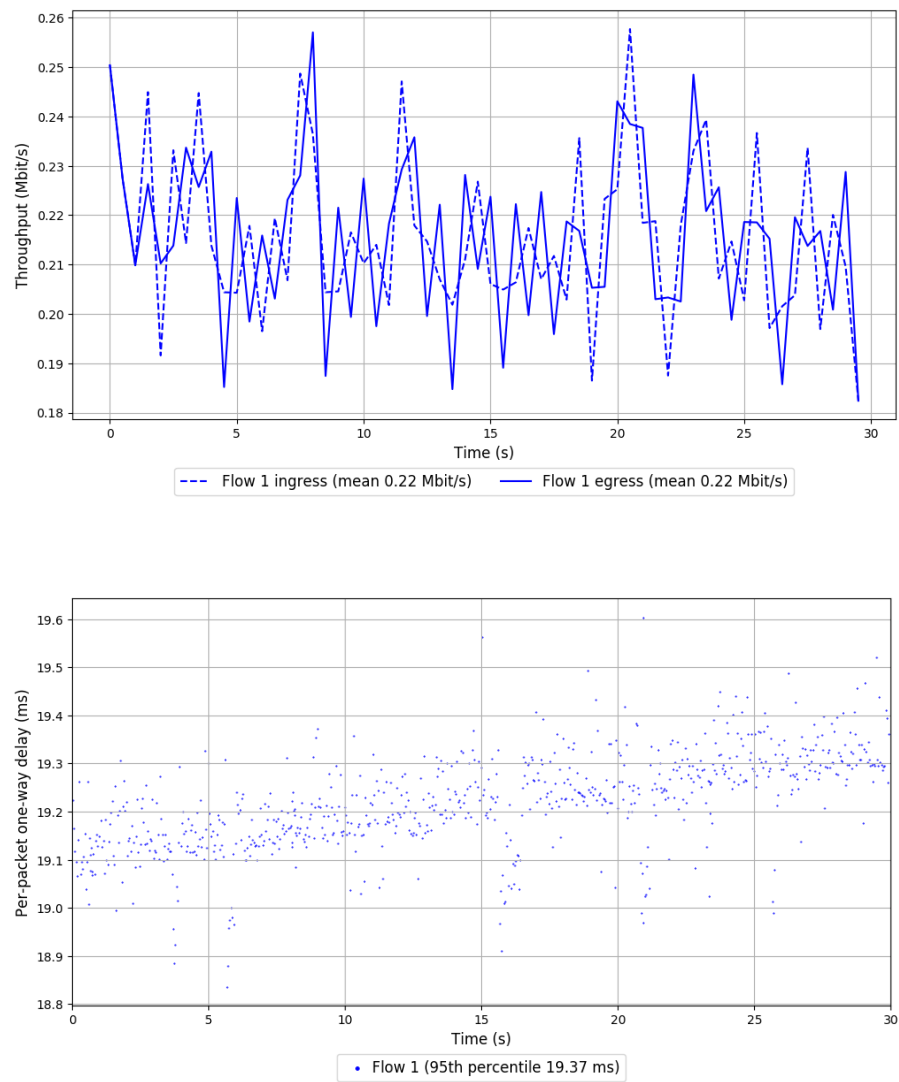
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.366 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

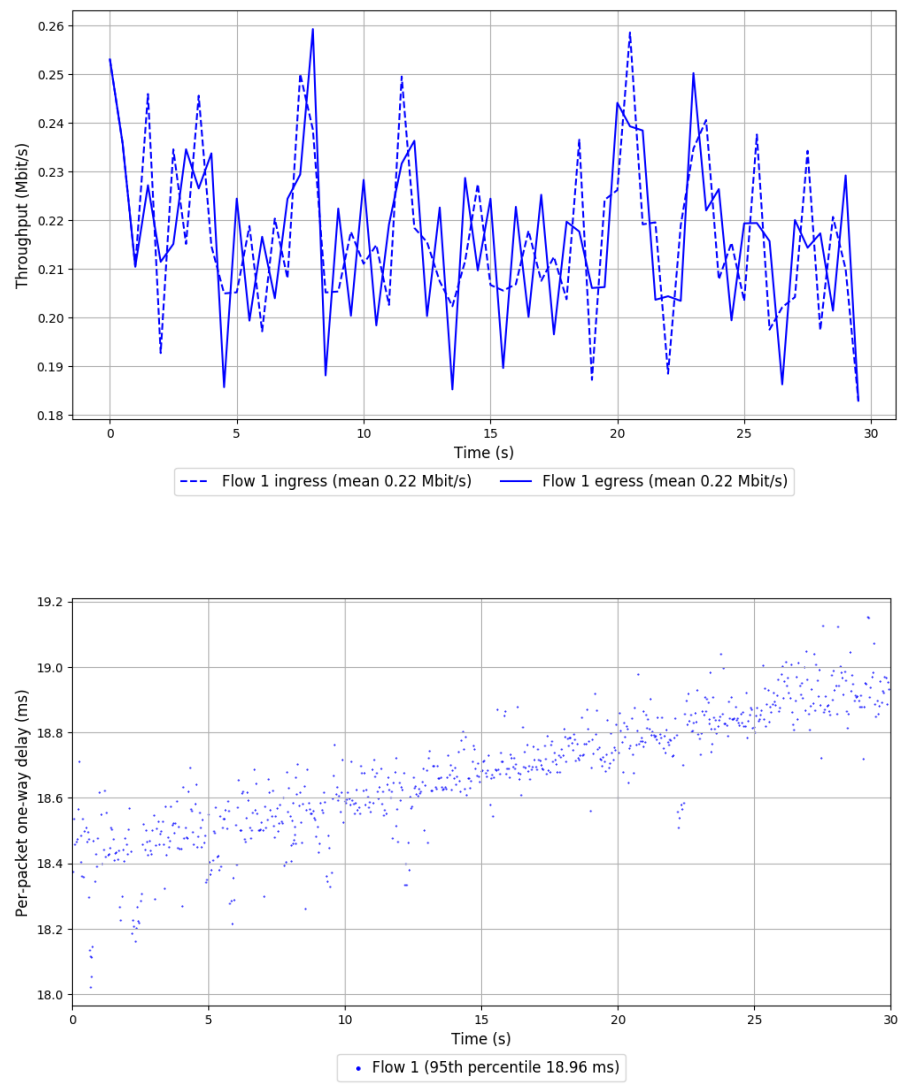


Run 9: Statistics of SCReAM

Start at: 2018-03-06 06:50:19
End at: 2018-03-06 06:50:49
Local clock offset: -13.349 ms
Remote clock offset: -0.249 ms

Below is generated by plot.py at 2018-03-06 10:40:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.957 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.957 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

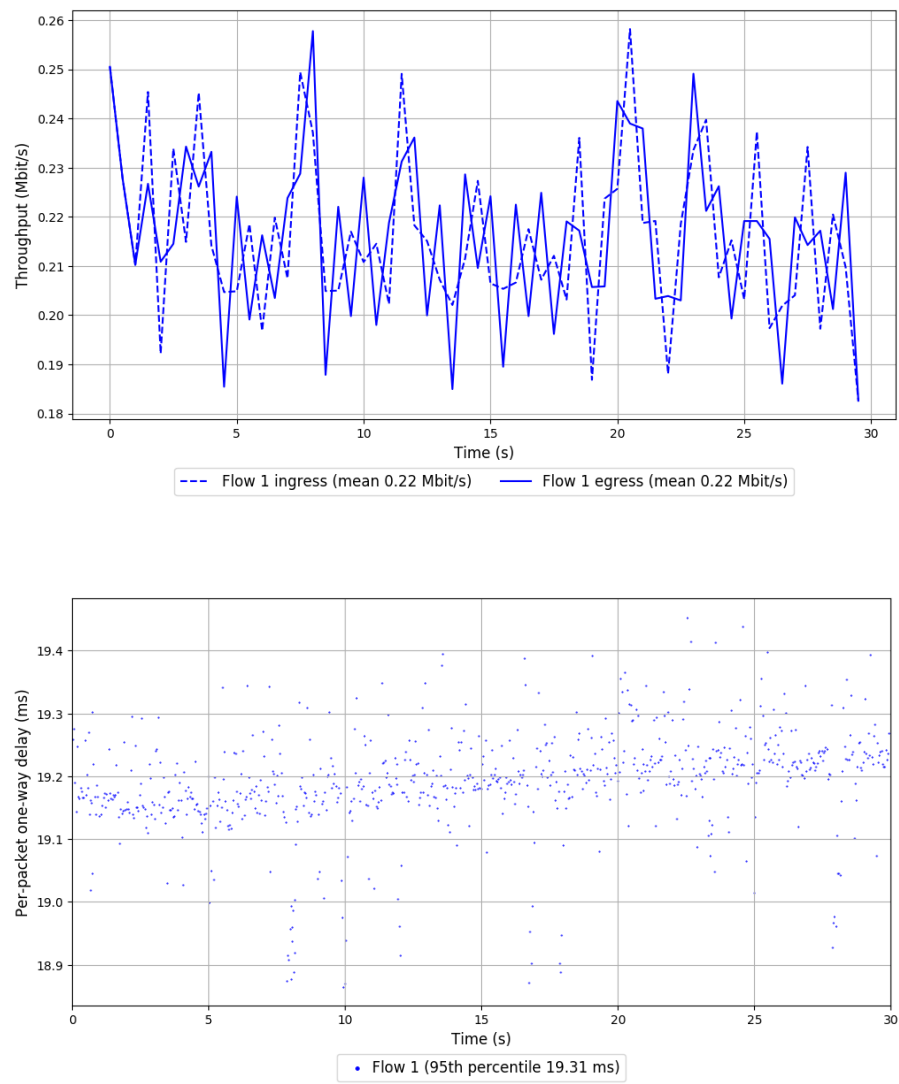


Run 10: Statistics of SReAM

Start at: 2018-03-06 07:17:33
End at: 2018-03-06 07:18:03
Local clock offset: -1.674 ms
Remote clock offset: -0.396 ms

Below is generated by plot.py at 2018-03-06 10:40:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.312 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.312 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link



Run 1: Statistics of WebRTC media

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

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

Local clock offset: 2.862 ms

Remote clock offset: -0.38 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.89 Mbit/s

95th percentile per-packet one-way delay: 19.168 ms

Loss rate: 0.03%

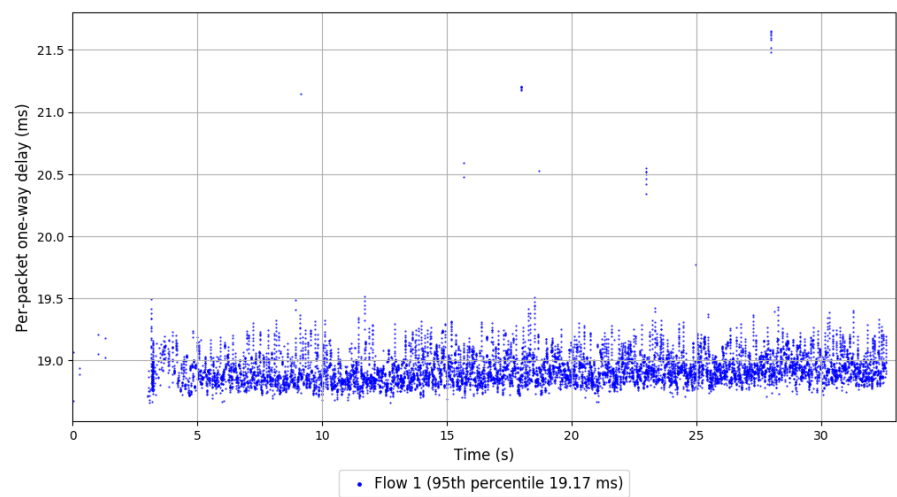
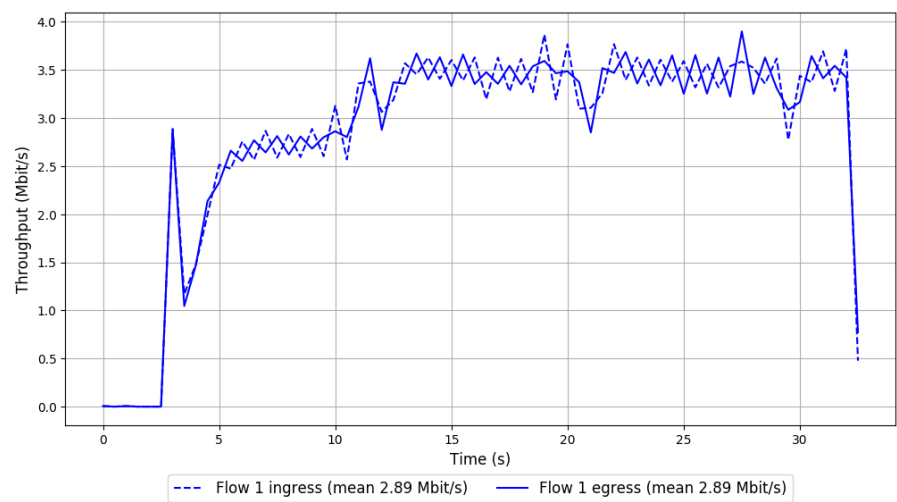
-- Flow 1:

Average throughput: 2.89 Mbit/s

95th percentile per-packet one-way delay: 19.168 ms

Loss rate: 0.03%

Run 1: Report of WebRTC media — Data Link

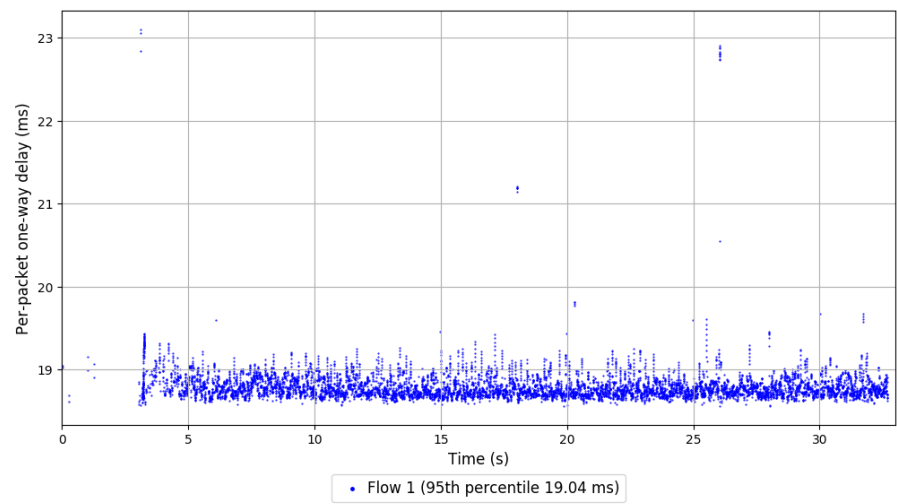
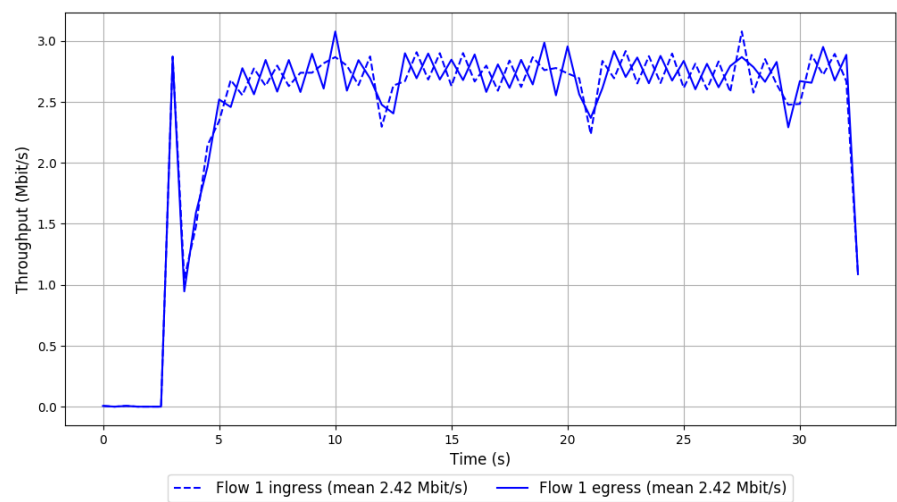


Run 2: Statistics of WebRTC media

Start at: 2018-03-06 03:46:17
End at: 2018-03-06 03:46:47
Local clock offset: 2.967 ms
Remote clock offset: -0.152 ms

Below is generated by plot.py at 2018-03-06 10:40:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 19.043 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 19.043 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-03-06 04:13:41

End at: 2018-03-06 04:14:11

Local clock offset: 1.72 ms

Remote clock offset: 2.494 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.41 Mbit/s

95th percentile per-packet one-way delay: 19.014 ms

Loss rate: 0.01%

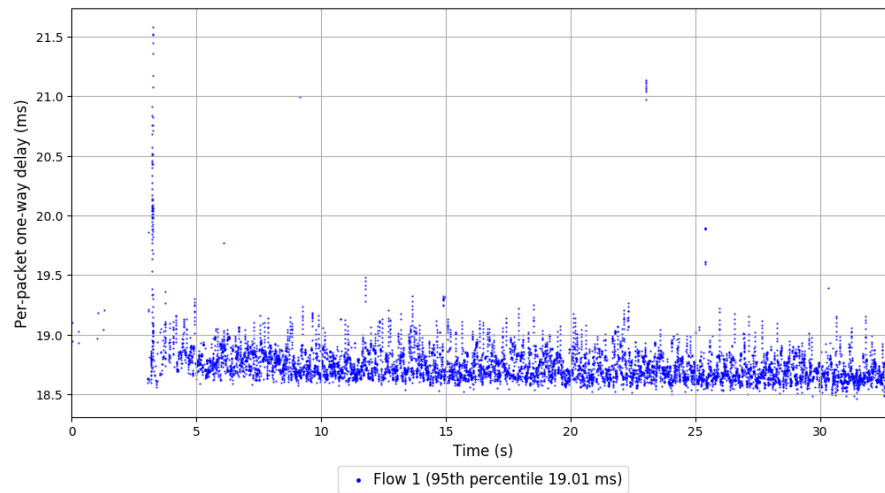
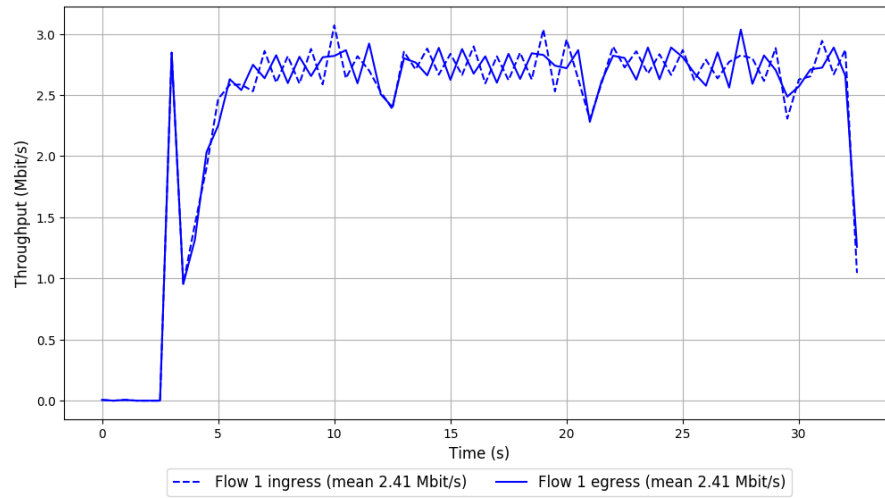
-- Flow 1:

Average throughput: 2.41 Mbit/s

95th percentile per-packet one-way delay: 19.014 ms

Loss rate: 0.01%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-03-06 04:41:19

End at: 2018-03-06 04:41:49

Local clock offset: 0.847 ms

Remote clock offset: 4.454 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 18.008 ms

Loss rate: 0.00%

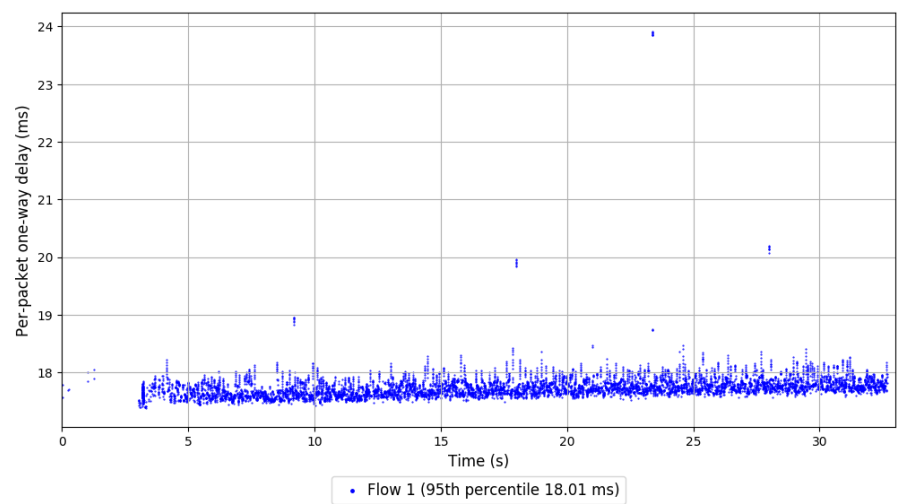
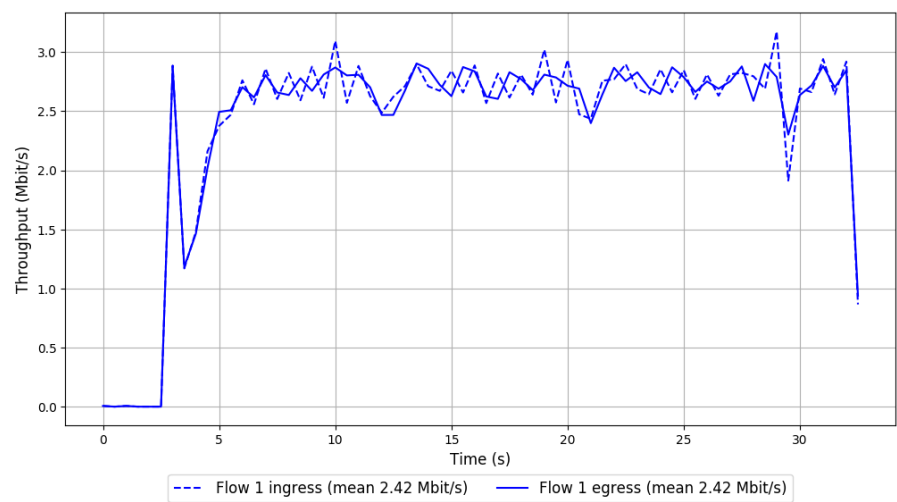
-- Flow 1:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 18.008 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

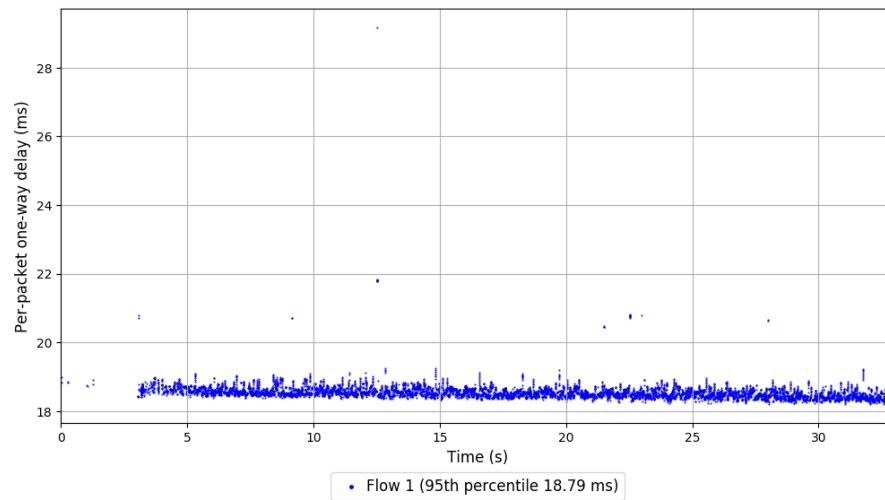
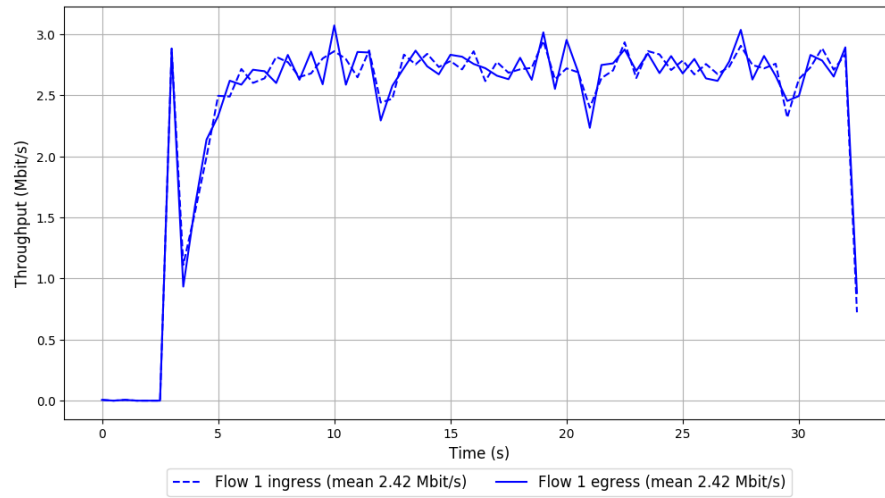


Run 5: Statistics of WebRTC media

Start at: 2018-03-06 05:08:53
End at: 2018-03-06 05:09:23
Local clock offset: -3.139 ms
Remote clock offset: -0.196 ms

Below is generated by plot.py at 2018-03-06 10:40:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 18.789 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 18.789 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-03-06 05:36:17

End at: 2018-03-06 05:36:47

Local clock offset: -9.925 ms

Remote clock offset: 5.908 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.00 Mbit/s

95th percentile per-packet one-way delay: 18.840 ms

Loss rate: 0.12%

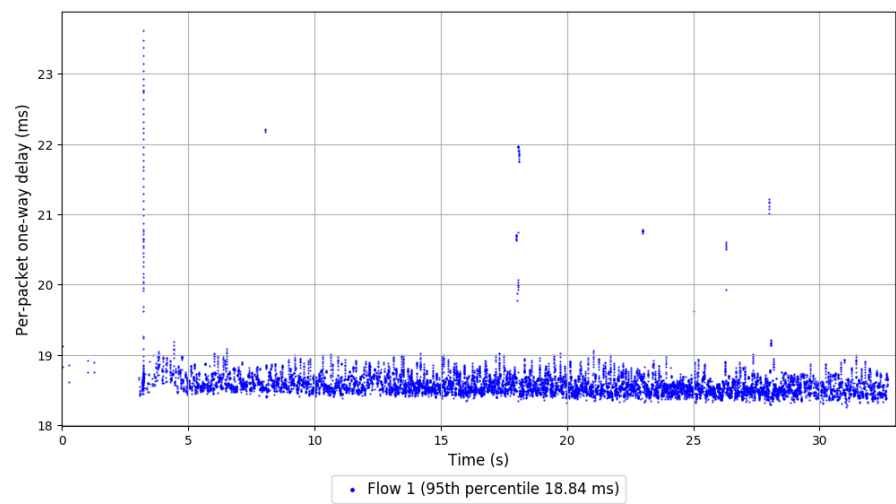
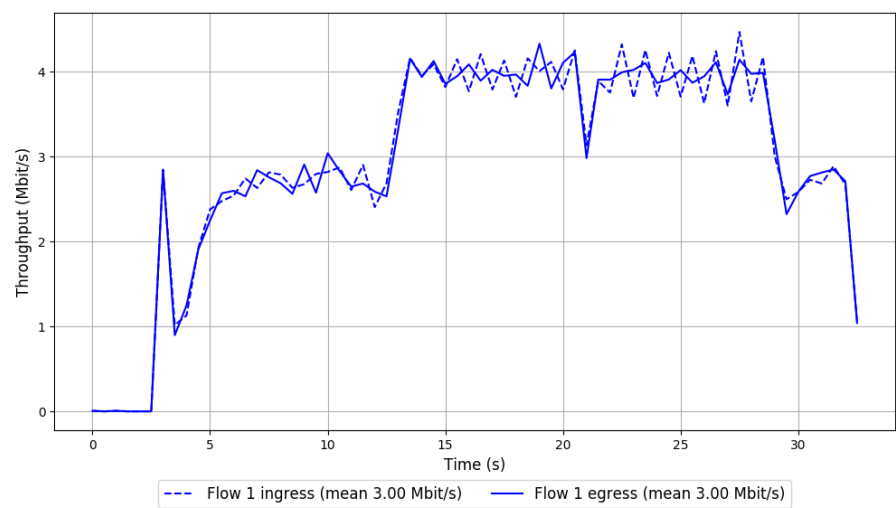
-- Flow 1:

Average throughput: 3.00 Mbit/s

95th percentile per-packet one-way delay: 18.840 ms

Loss rate: 0.12%

Run 6: Report of WebRTC media — Data Link

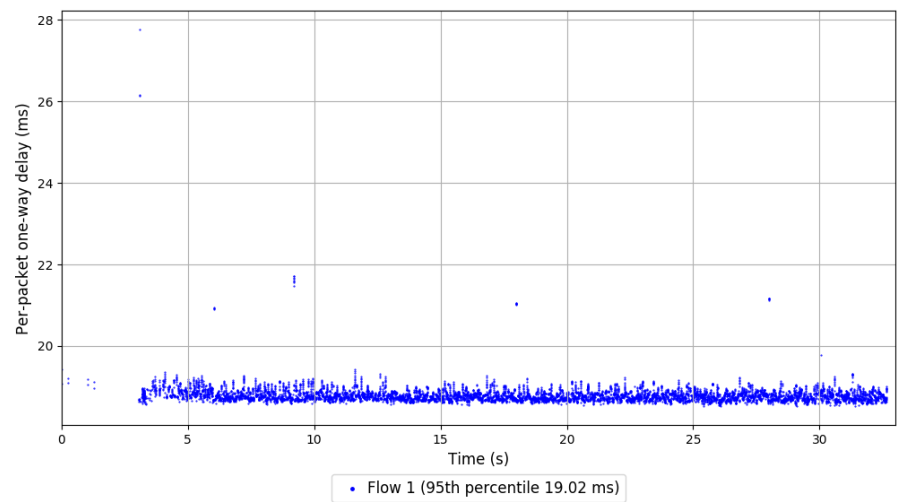
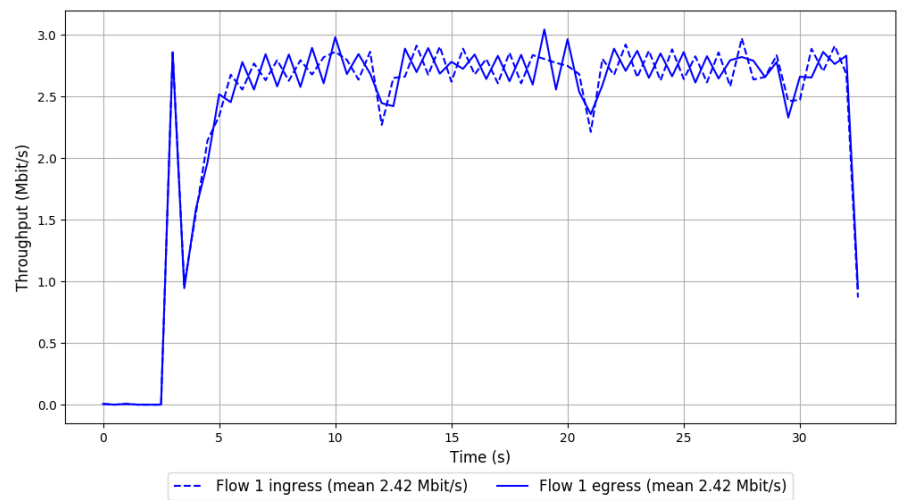


Run 7: Statistics of WebRTC media

Start at: 2018-03-06 06:03:39
End at: 2018-03-06 06:04:09
Local clock offset: -13.922 ms
Remote clock offset: 5.322 ms

Below is generated by plot.py at 2018-03-06 10:40:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 19.018 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 19.018 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

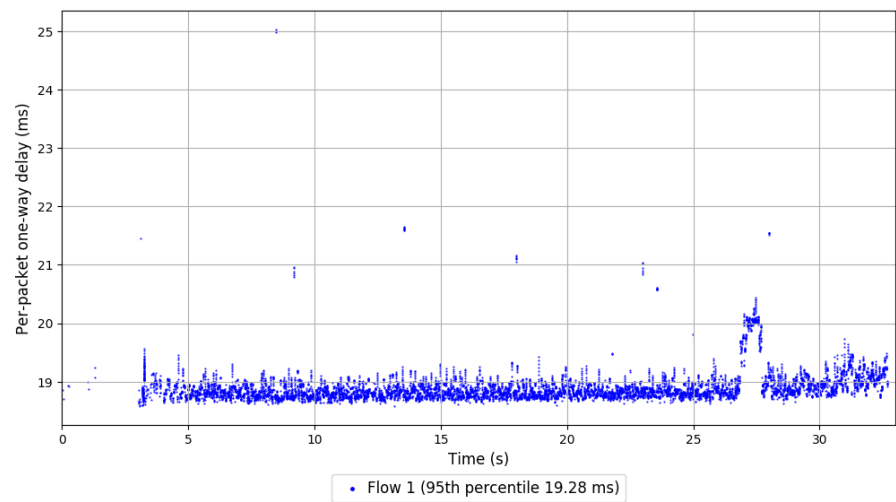
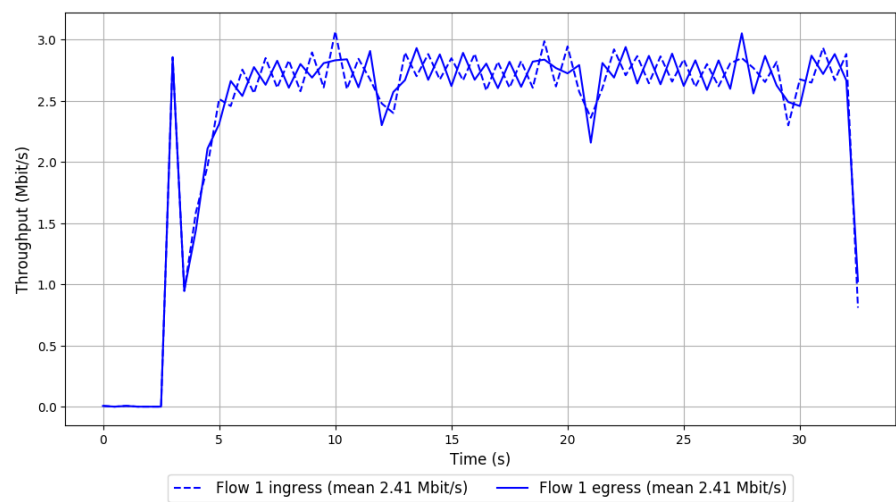


Run 8: Statistics of WebRTC media

Start at: 2018-03-06 06:31:31
End at: 2018-03-06 06:32:01
Local clock offset: -17.695 ms
Remote clock offset: 2.002 ms

Below is generated by plot.py at 2018-03-06 10:40:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 19.280 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 19.280 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

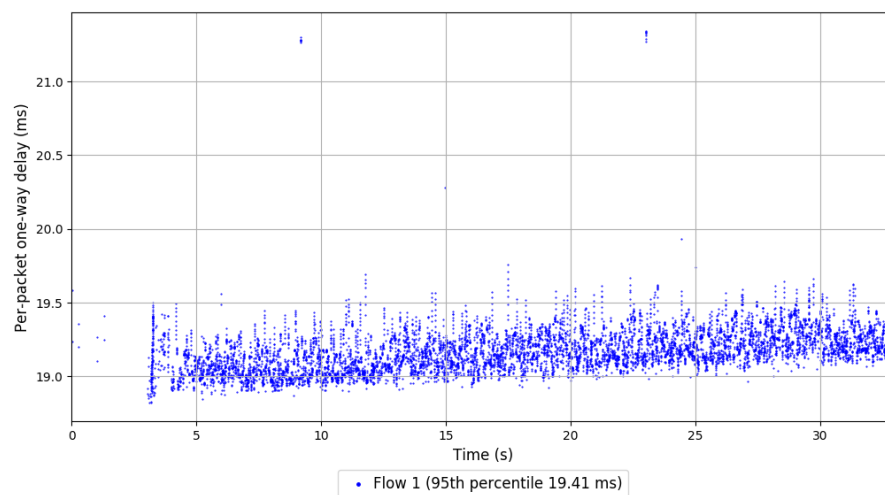
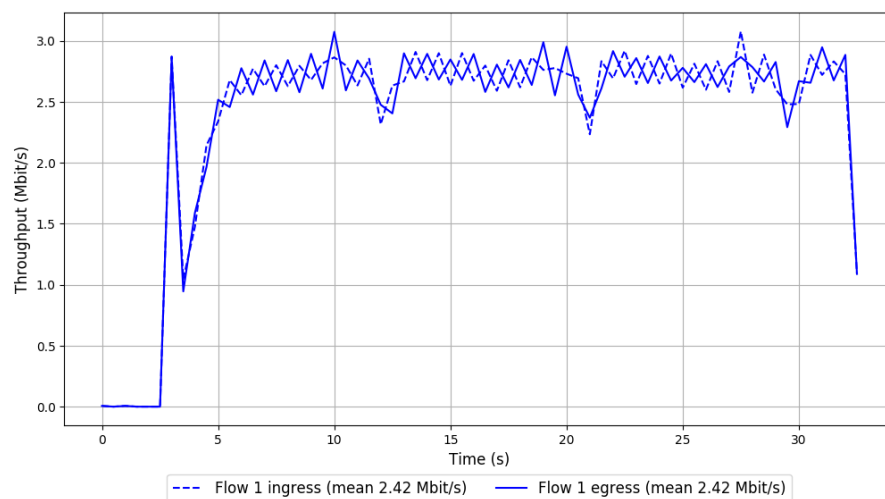


Run 9: Statistics of WebRTC media

Start at: 2018-03-06 06:58:49
End at: 2018-03-06 06:59:19
Local clock offset: -6.626 ms
Remote clock offset: -0.488 ms

Below is generated by plot.py at 2018-03-06 10:40:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 19.406 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 19.406 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-03-06 07:26:10

End at: 2018-03-06 07:26:40

Local clock offset: 0.568 ms

Remote clock offset: -0.575 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 19.369 ms

Loss rate: 0.00%

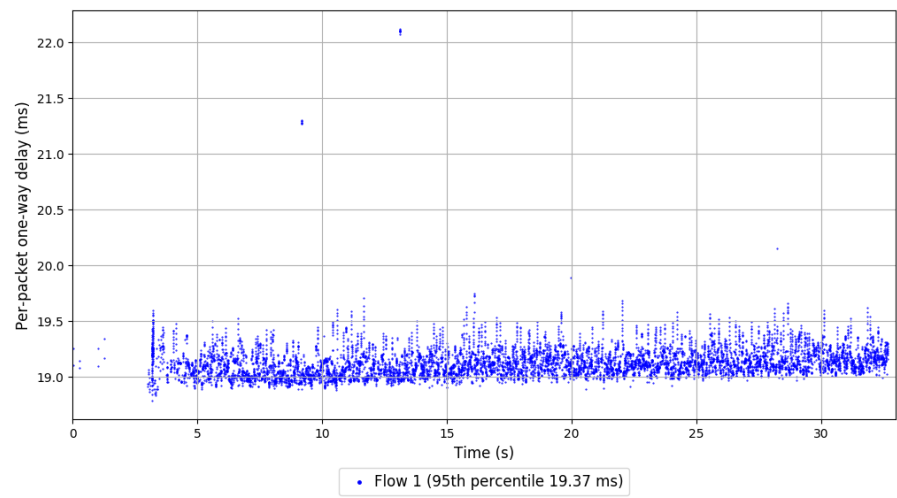
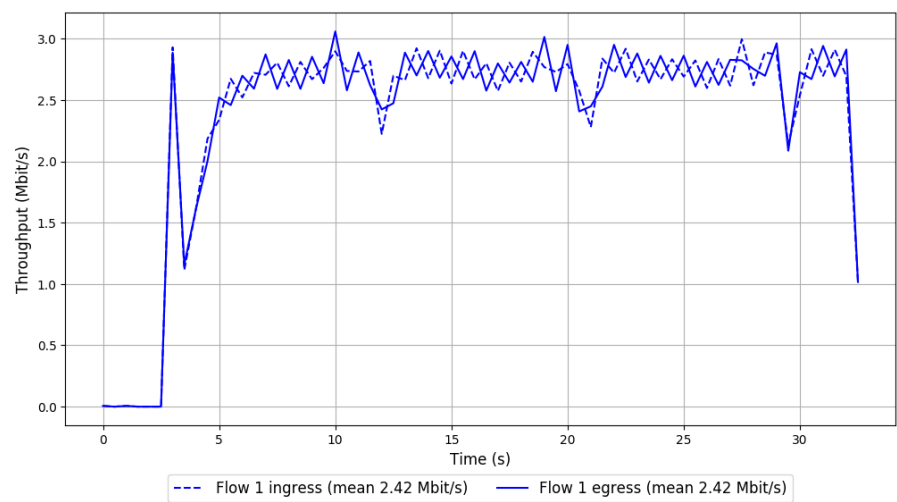
-- Flow 1:

Average throughput: 2.42 Mbit/s

95th percentile per-packet one-way delay: 19.369 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link



Run 1: Statistics of Sprout

Start at: 2018-03-06 03:13:40

End at: 2018-03-06 03:14:10

Local clock offset: 2.535 ms

Remote clock offset: 0.464 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.24 Mbit/s

95th percentile per-packet one-way delay: 22.250 ms

Loss rate: 0.79%

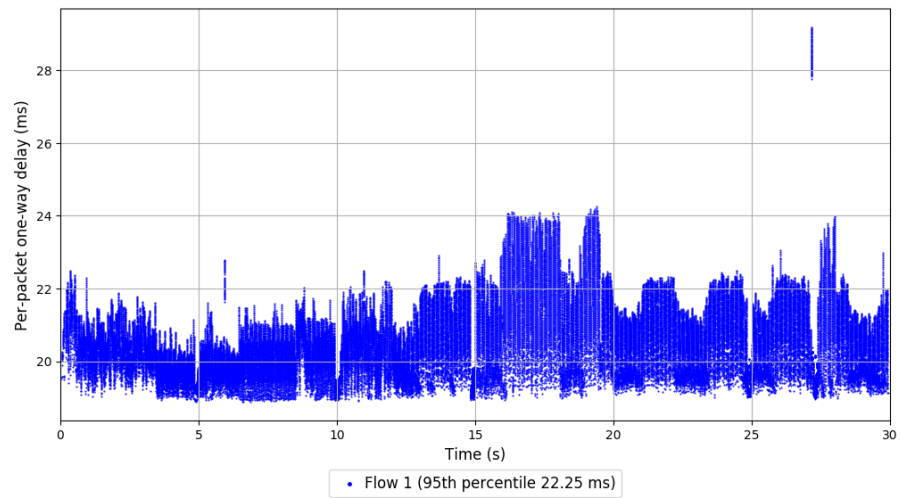
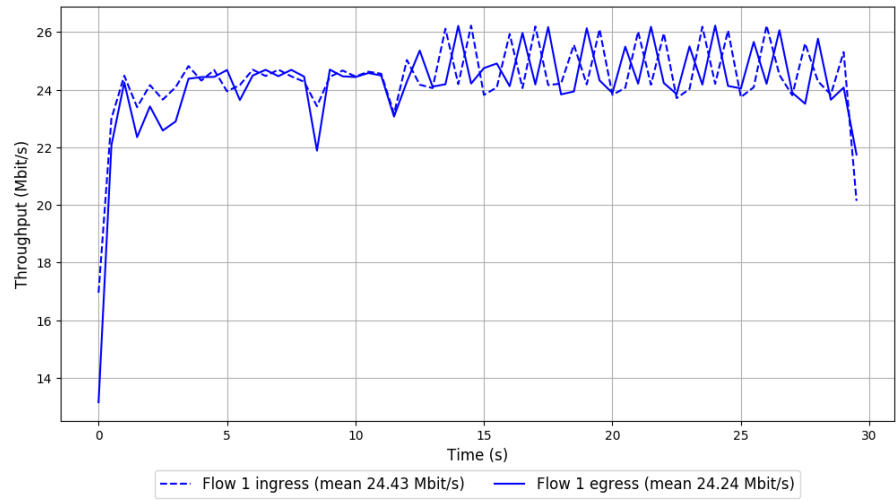
-- Flow 1:

Average throughput: 24.24 Mbit/s

95th percentile per-packet one-way delay: 22.250 ms

Loss rate: 0.79%

Run 1: Report of Sprout — Data Link

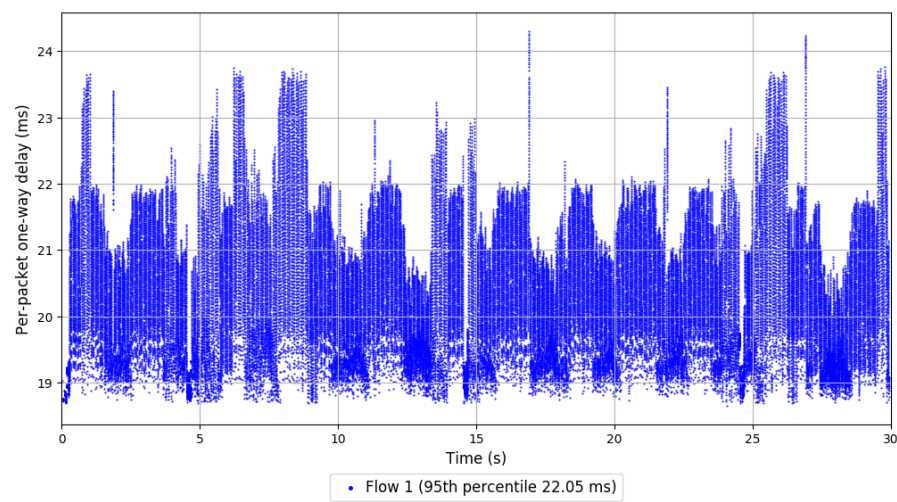
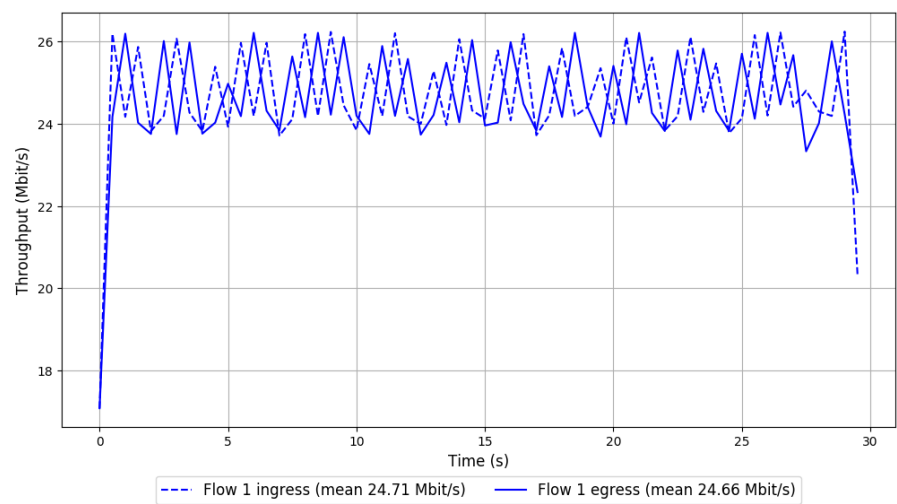


Run 2: Statistics of Sprout

Start at: 2018-03-06 03:40:50
End at: 2018-03-06 03:41:20
Local clock offset: 2.831 ms
Remote clock offset: -0.295 ms

Below is generated by plot.py at 2018-03-06 10:40:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 22.052 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 22.052 ms
Loss rate: 0.17%

Run 2: Report of Sprout — Data Link



Run 3: Statistics of Sprout

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

End at: 2018-03-06 04:08:38

Local clock offset: 1.974 ms

Remote clock offset: 0.718 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.66 Mbit/s

95th percentile per-packet one-way delay: 21.551 ms

Loss rate: 0.00%

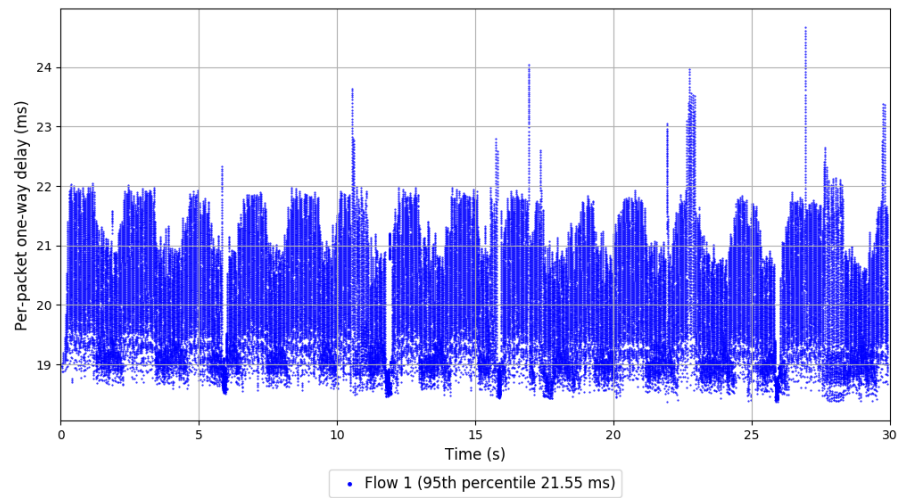
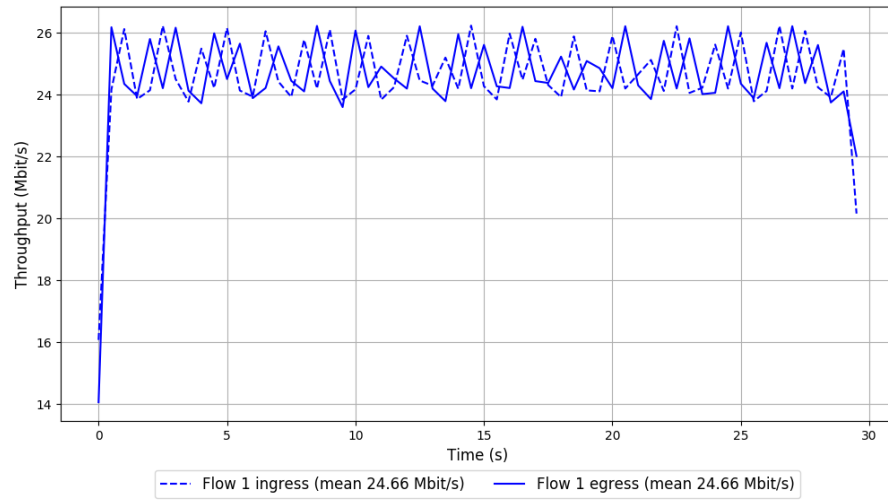
-- Flow 1:

Average throughput: 24.66 Mbit/s

95th percentile per-packet one-way delay: 21.551 ms

Loss rate: 0.00%

Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2018-03-06 04:35:49

End at: 2018-03-06 04:36:19

Local clock offset: 1.216 ms

Remote clock offset: 4.882 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.43 Mbit/s

95th percentile per-packet one-way delay: 21.318 ms

Loss rate: 0.13%

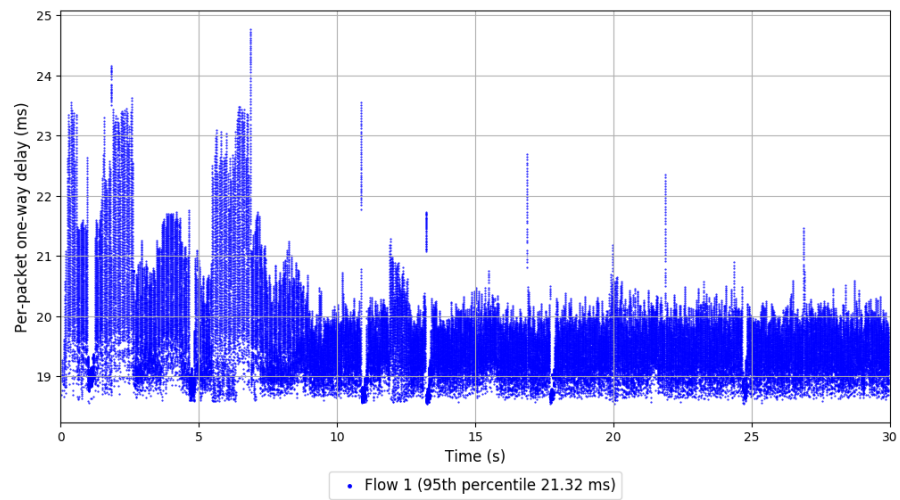
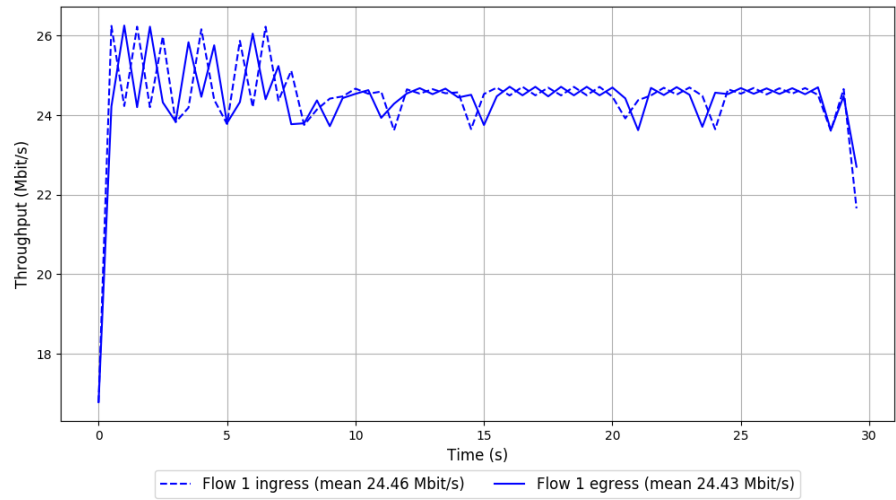
-- Flow 1:

Average throughput: 24.43 Mbit/s

95th percentile per-packet one-way delay: 21.318 ms

Loss rate: 0.13%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-03-06 05:03:11

End at: 2018-03-06 05:03:41

Local clock offset: 0.632 ms

Remote clock offset: 0.202 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.66 Mbit/s

95th percentile per-packet one-way delay: 21.514 ms

Loss rate: 0.11%

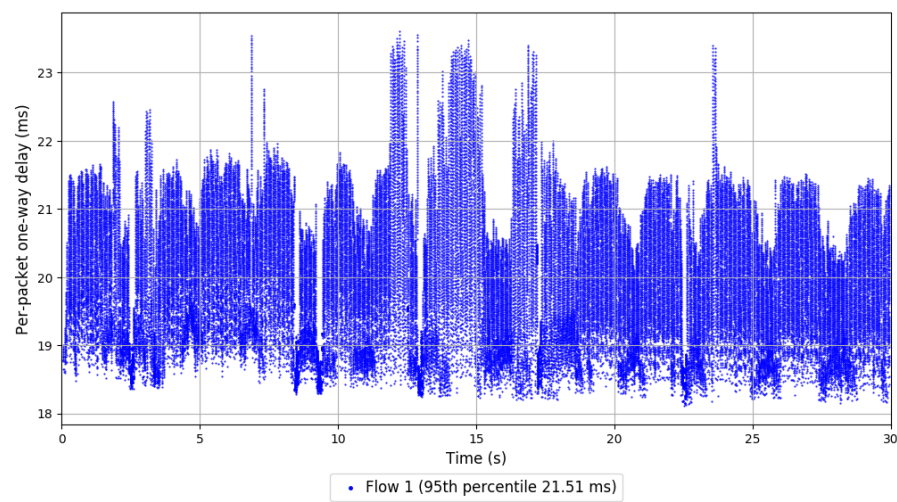
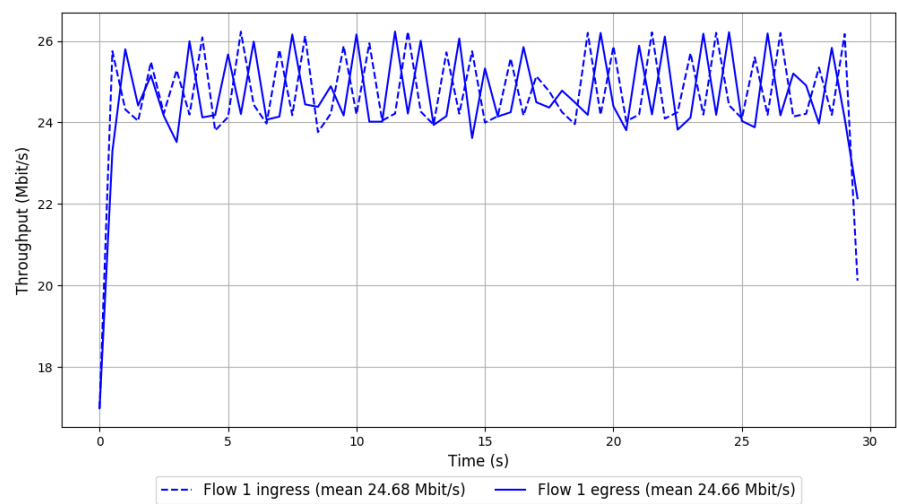
-- Flow 1:

Average throughput: 24.66 Mbit/s

95th percentile per-packet one-way delay: 21.514 ms

Loss rate: 0.11%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-03-06 05:30:43

End at: 2018-03-06 05:31:13

Local clock offset: -9.022 ms

Remote clock offset: 5.117 ms

Below is generated by plot.py at 2018-03-06 10:40:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.64 Mbit/s

95th percentile per-packet one-way delay: 22.131 ms

Loss rate: 0.02%

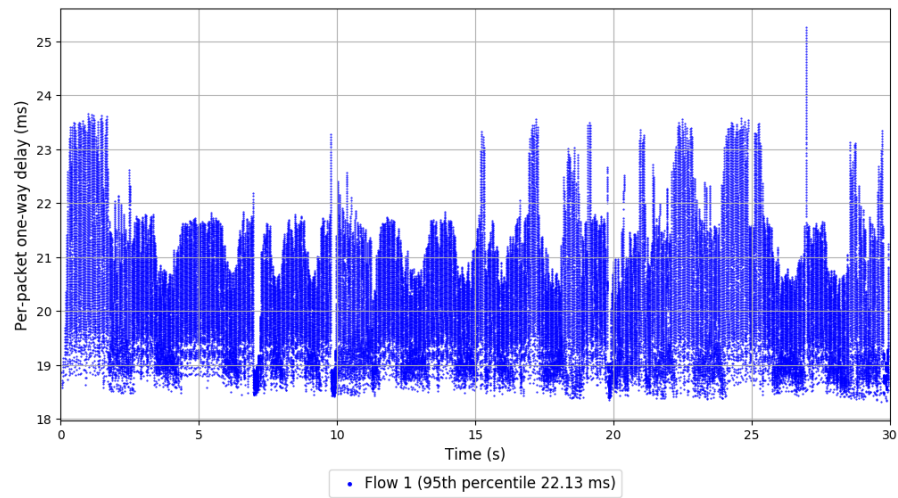
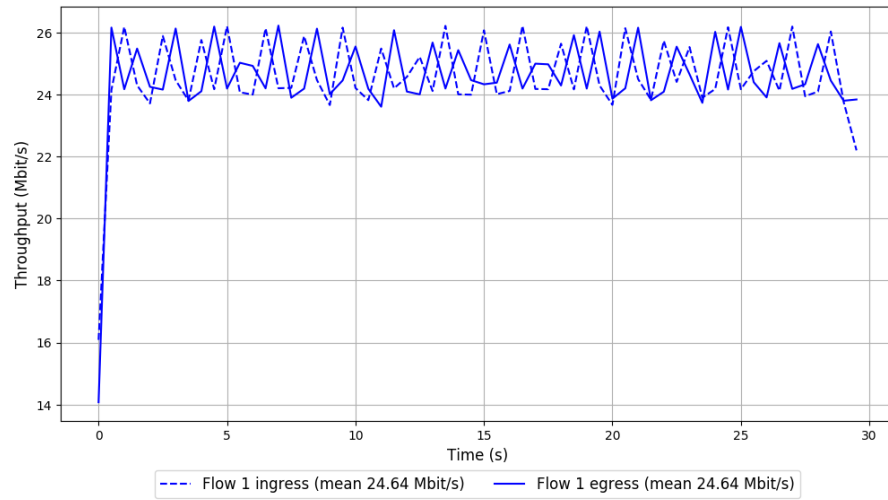
-- Flow 1:

Average throughput: 24.64 Mbit/s

95th percentile per-packet one-way delay: 22.131 ms

Loss rate: 0.02%

Run 6: Report of Sprout — Data Link

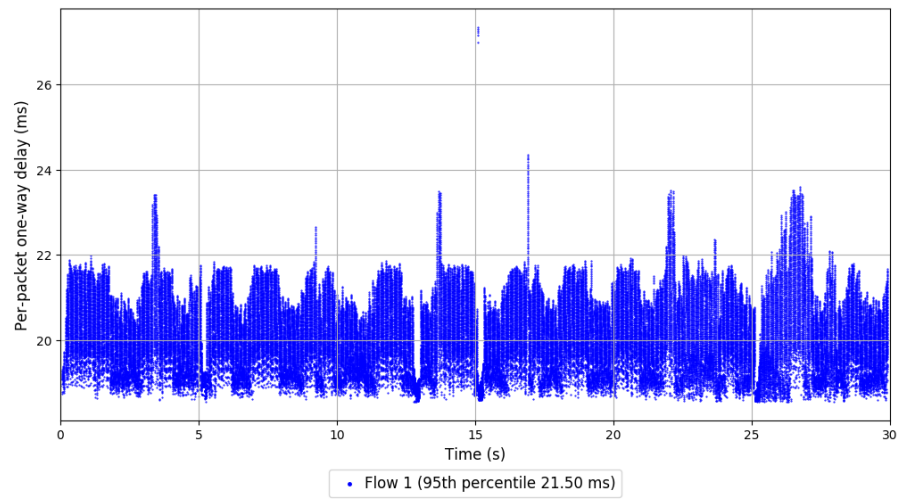
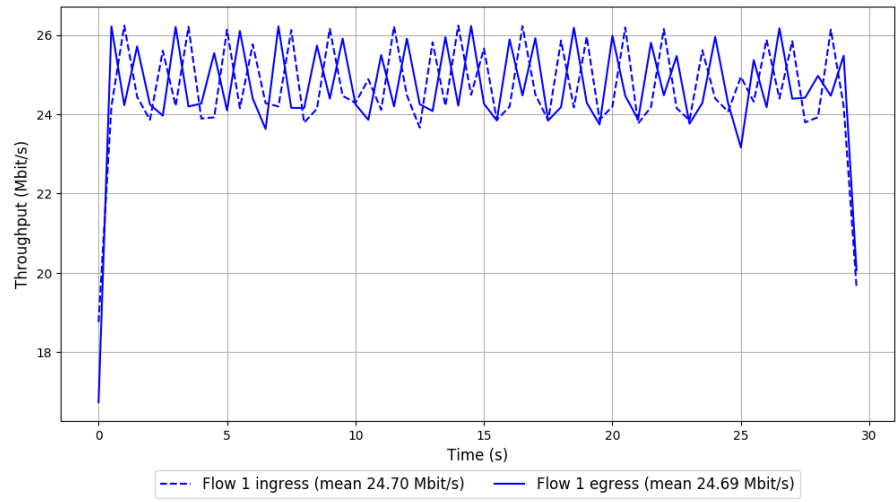


Run 7: Statistics of Sprout

Start at: 2018-03-06 05:58:07
End at: 2018-03-06 05:58:37
Local clock offset: -13.043 ms
Remote clock offset: 5.6 ms

Below is generated by plot.py at 2018-03-06 10:40:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.69 Mbit/s
95th percentile per-packet one-way delay: 21.500 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 24.69 Mbit/s
95th percentile per-packet one-way delay: 21.500 ms
Loss rate: 0.04%

Run 7: Report of Sprout — Data Link

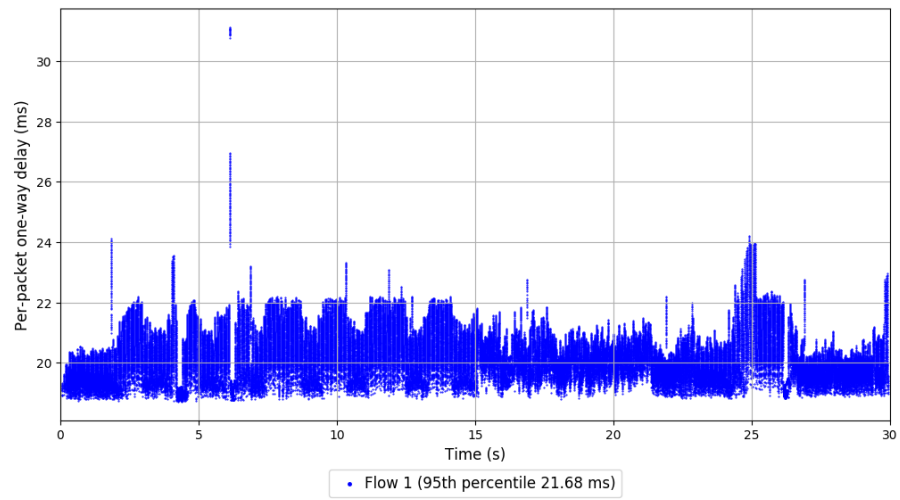
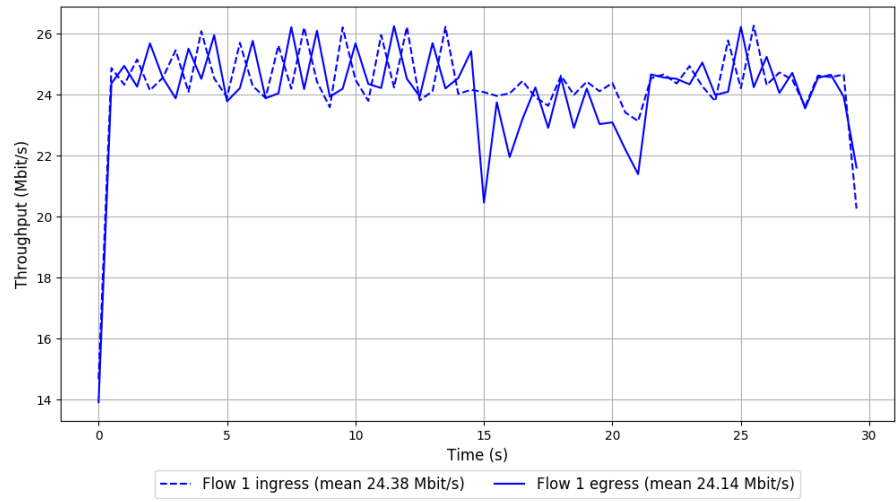


Run 8: Statistics of Sprout

Start at: 2018-03-06 06:25:46
End at: 2018-03-06 06:26:16
Local clock offset: -16.998 ms
Remote clock offset: 3.859 ms

Below is generated by plot.py at 2018-03-06 10:40:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.14 Mbit/s
95th percentile per-packet one-way delay: 21.677 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 24.14 Mbit/s
95th percentile per-packet one-way delay: 21.677 ms
Loss rate: 1.00%

Run 8: Report of Sprout — Data Link

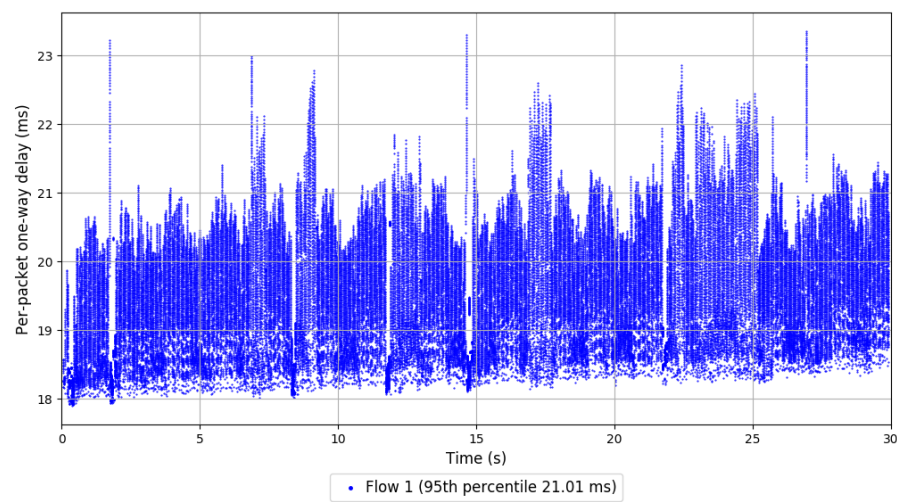
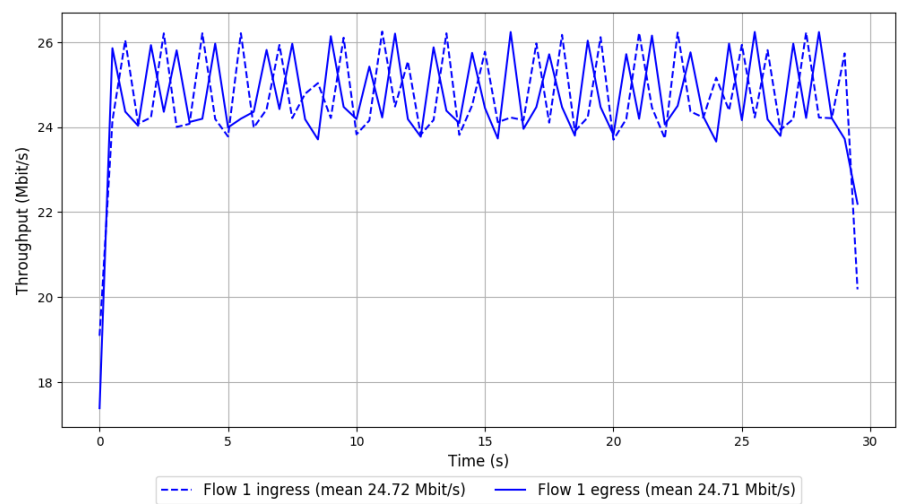


Run 9: Statistics of Sprout

Start at: 2018-03-06 06:53:19
End at: 2018-03-06 06:53:50
Local clock offset: -10.288 ms
Remote clock offset: -0.309 ms

Below is generated by plot.py at 2018-03-06 10:40:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.71 Mbit/s
95th percentile per-packet one-way delay: 21.013 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.71 Mbit/s
95th percentile per-packet one-way delay: 21.013 ms
Loss rate: 0.01%

Run 9: Report of Sprout — Data Link

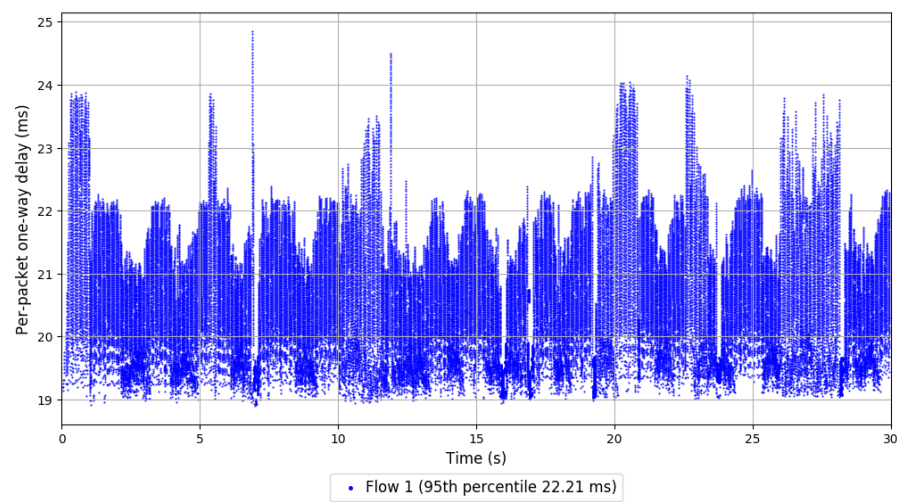
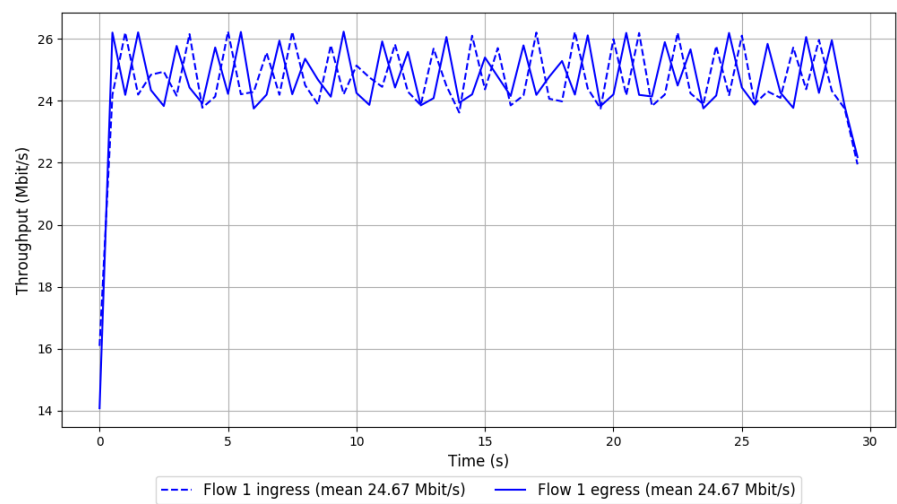


Run 10: Statistics of Sprout

Start at: 2018-03-06 07:20:34
End at: 2018-03-06 07:21:04
Local clock offset: -1.115 ms
Remote clock offset: -0.553 ms

Below is generated by plot.py at 2018-03-06 10:41:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 22.213 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 22.213 ms
Loss rate: 0.01%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-03-06 03:28:19

End at: 2018-03-06 03:28:49

Local clock offset: 2.721 ms

Remote clock offset: -1.323 ms

Below is generated by plot.py at 2018-03-06 10:41:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 261.82 Mbit/s

95th percentile per-packet one-way delay: 18.873 ms

Loss rate: 0.01%

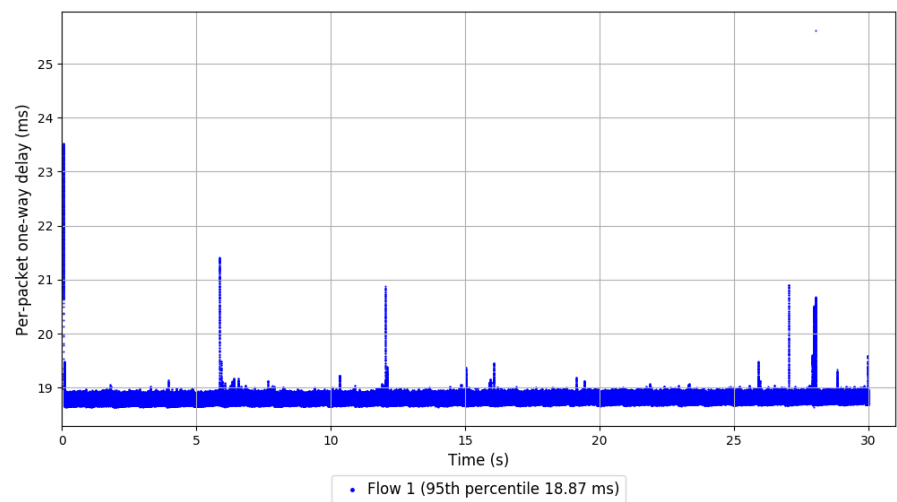
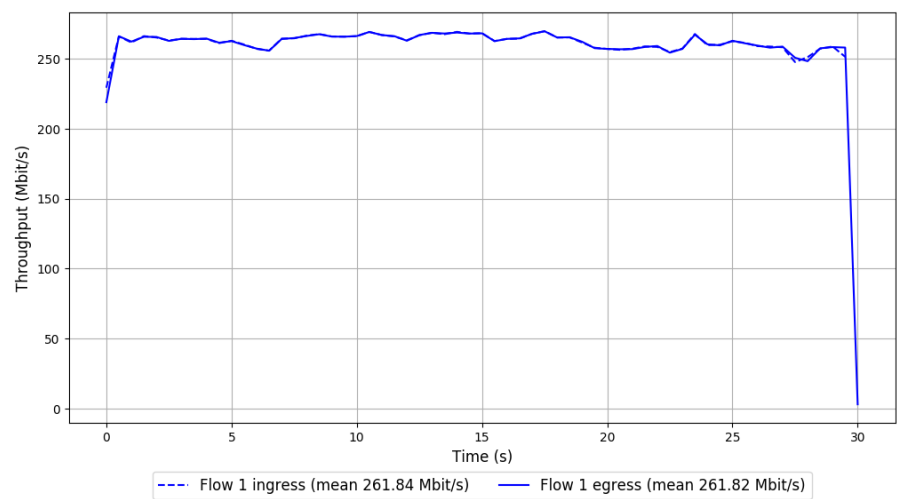
-- Flow 1:

Average throughput: 261.82 Mbit/s

95th percentile per-packet one-way delay: 18.873 ms

Loss rate: 0.01%

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

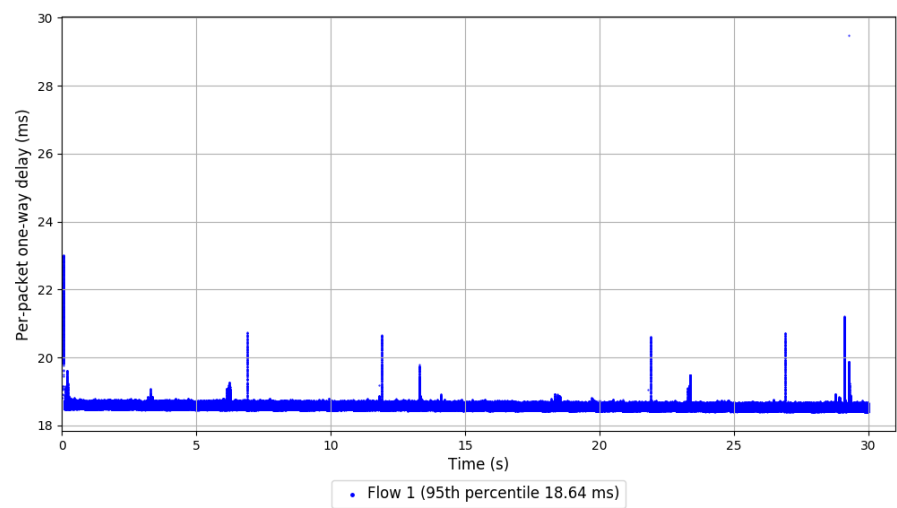
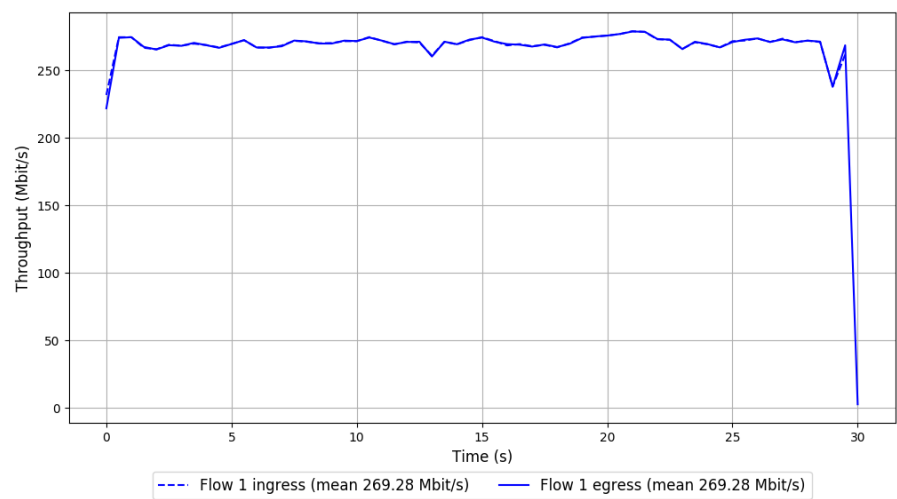


Run 2: Statistics of TaoVA-100x

Start at: 2018-03-06 03:55:31
End at: 2018-03-06 03:56:01
Local clock offset: 3.131 ms
Remote clock offset: -0.182 ms

Below is generated by plot.py at 2018-03-06 10:41:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 269.28 Mbit/s
95th percentile per-packet one-way delay: 18.639 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 269.28 Mbit/s
95th percentile per-packet one-way delay: 18.639 ms
Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

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

End at: 2018-03-06 04:23:34

Local clock offset: 1.638 ms

Remote clock offset: 4.068 ms

Below is generated by plot.py at 2018-03-06 10:41:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 208.27 Mbit/s

95th percentile per-packet one-way delay: 19.628 ms

Loss rate: 0.01%

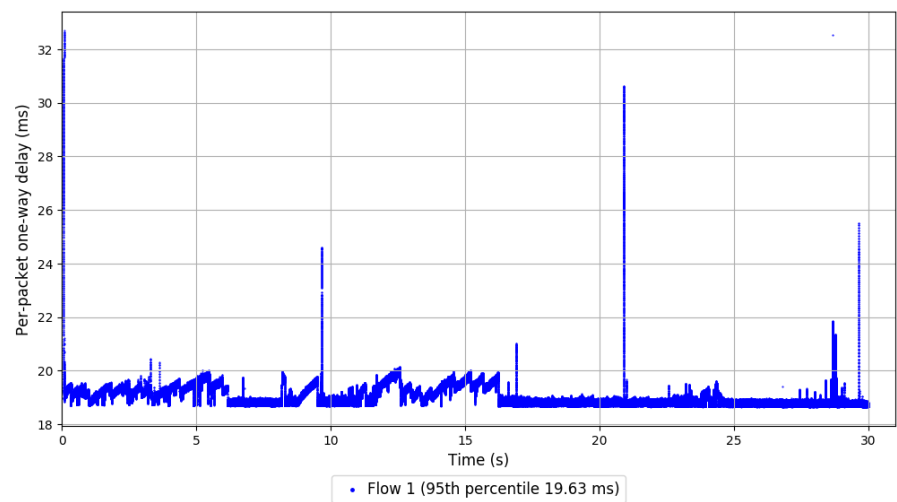
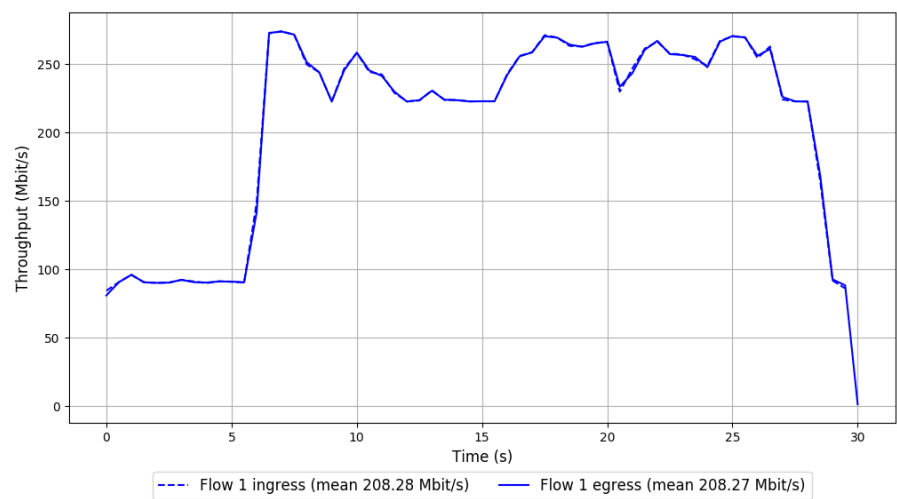
-- Flow 1:

Average throughput: 208.27 Mbit/s

95th percentile per-packet one-way delay: 19.628 ms

Loss rate: 0.01%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-03-06 04:50:42

End at: 2018-03-06 04:51:12

Local clock offset: 0.758 ms

Remote clock offset: 1.608 ms

Below is generated by plot.py at 2018-03-06 10:41:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 262.24 Mbit/s

95th percentile per-packet one-way delay: 18.900 ms

Loss rate: 0.00%

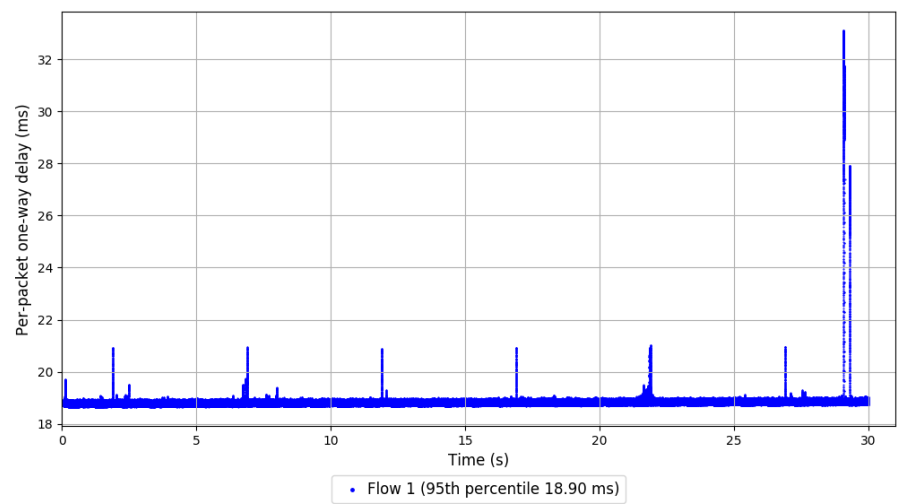
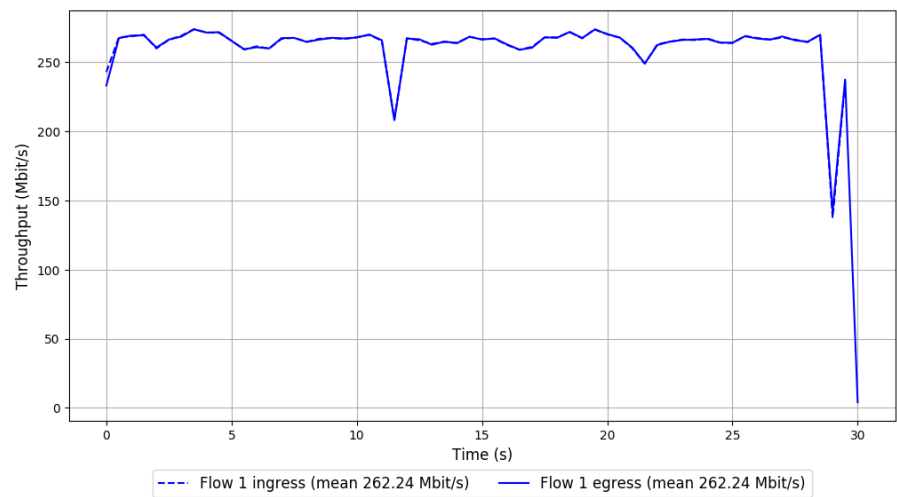
-- Flow 1:

Average throughput: 262.24 Mbit/s

95th percentile per-packet one-way delay: 18.900 ms

Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-03-06 05:18:17

End at: 2018-03-06 05:18:47

Local clock offset: -6.552 ms

Remote clock offset: 1.897 ms

Below is generated by plot.py at 2018-03-06 10:41:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 256.06 Mbit/s

95th percentile per-packet one-way delay: 18.622 ms

Loss rate: 0.00%

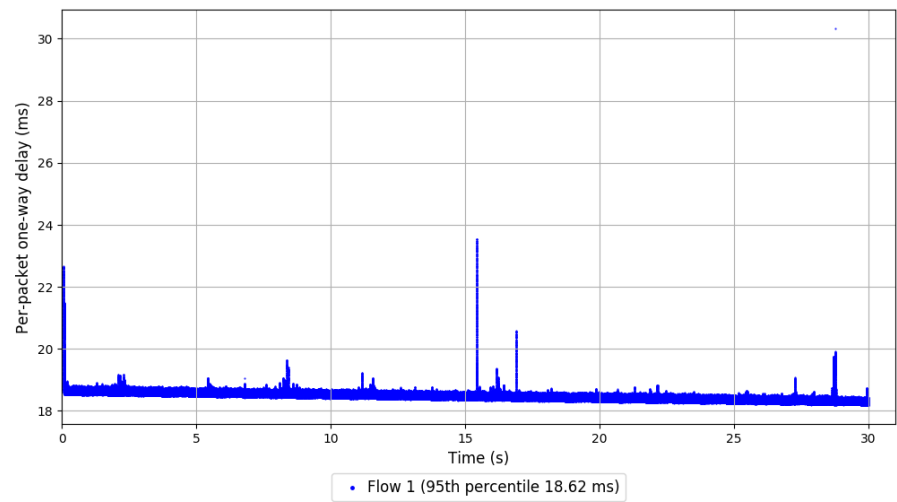
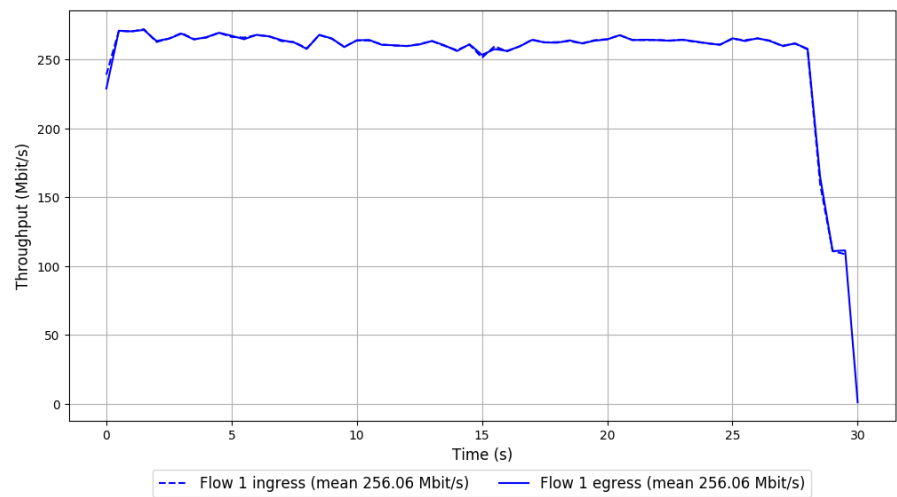
-- Flow 1:

Average throughput: 256.06 Mbit/s

95th percentile per-packet one-way delay: 18.622 ms

Loss rate: 0.00%

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

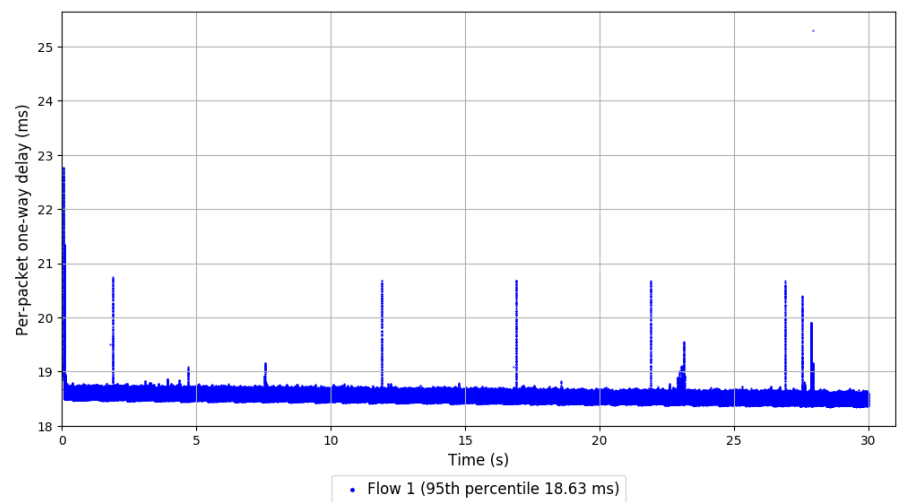
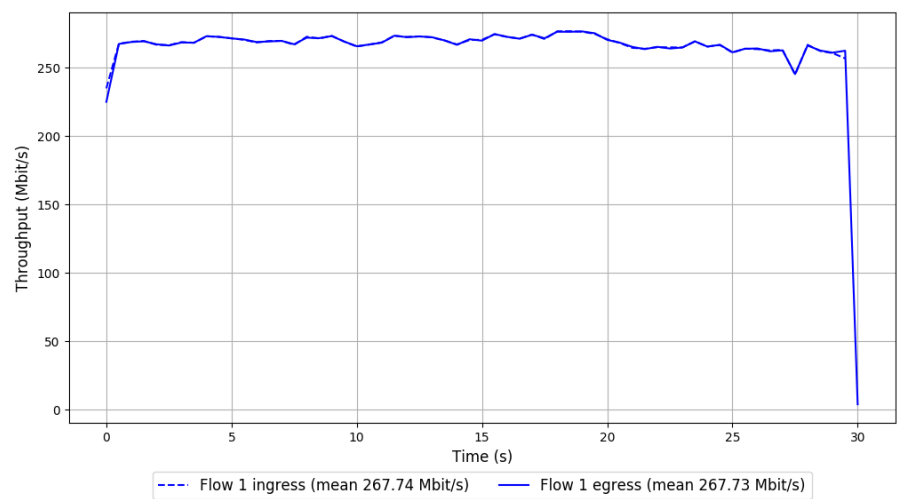


Run 6: Statistics of TaoVA-100x

Start at: 2018-03-06 05:45:35
End at: 2018-03-06 05:46:05
Local clock offset: -11.268 ms
Remote clock offset: 6.939 ms

Below is generated by plot.py at 2018-03-06 10:41:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 267.73 Mbit/s
95th percentile per-packet one-way delay: 18.630 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 267.73 Mbit/s
95th percentile per-packet one-way delay: 18.630 ms
Loss rate: 0.00%

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

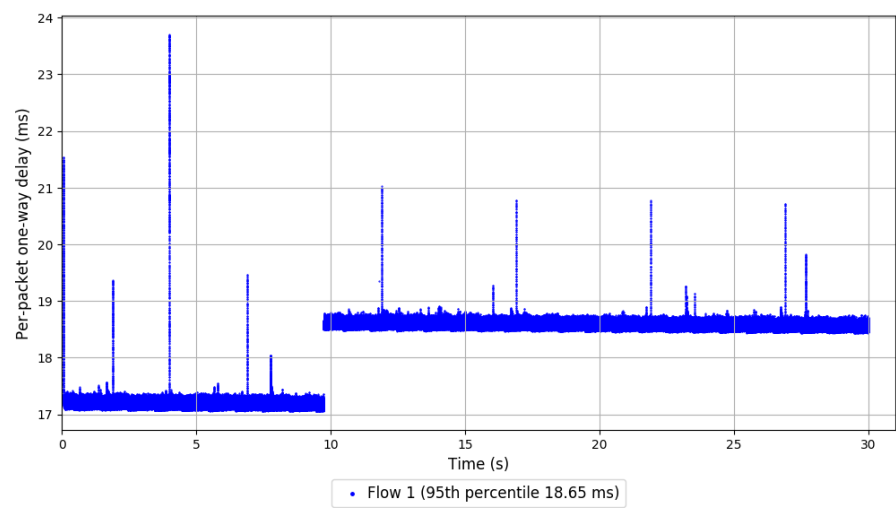
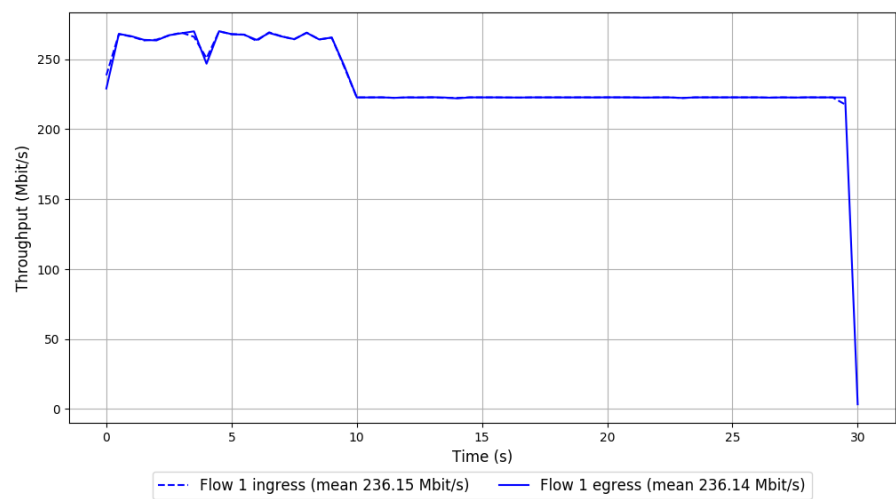


Run 7: Statistics of TaoVA-100x

Start at: 2018-03-06 06:13:18
End at: 2018-03-06 06:13:48
Local clock offset: -15.181 ms
Remote clock offset: 5.421 ms

Below is generated by plot.py at 2018-03-06 10:43:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 236.14 Mbit/s
95th percentile per-packet one-way delay: 18.654 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 236.14 Mbit/s
95th percentile per-packet one-way delay: 18.654 ms
Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-03-06 06:40:52

End at: 2018-03-06 06:41:22

Local clock offset: -19.09 ms

Remote clock offset: 0.483 ms

Below is generated by plot.py at 2018-03-06 10:45:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 262.24 Mbit/s

95th percentile per-packet one-way delay: 18.811 ms

Loss rate: 0.00%

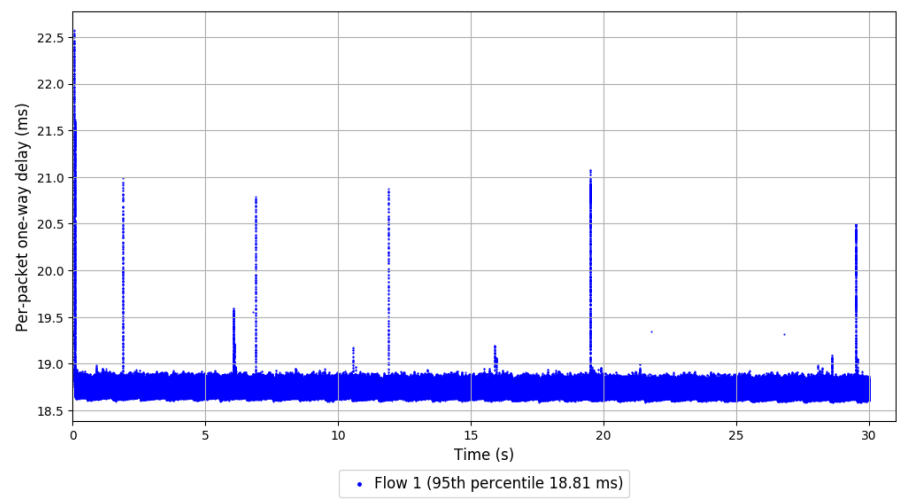
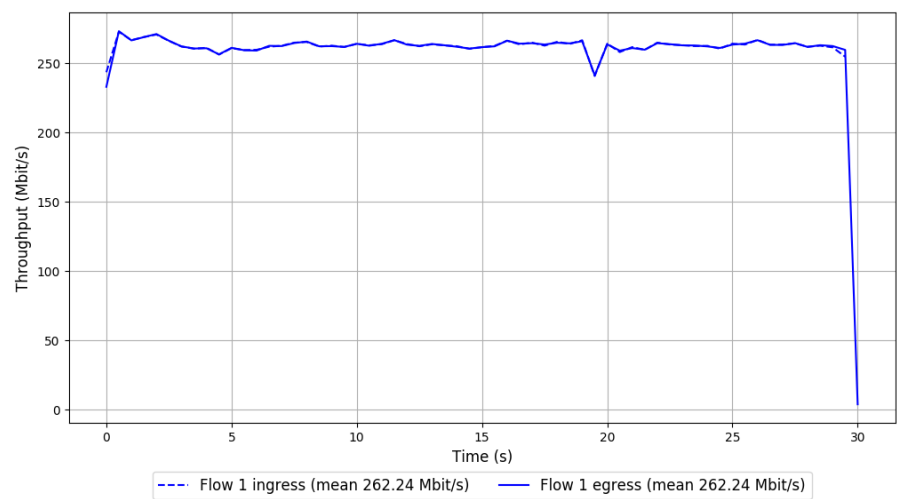
-- Flow 1:

Average throughput: 262.24 Mbit/s

95th percentile per-packet one-way delay: 18.811 ms

Loss rate: 0.00%

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

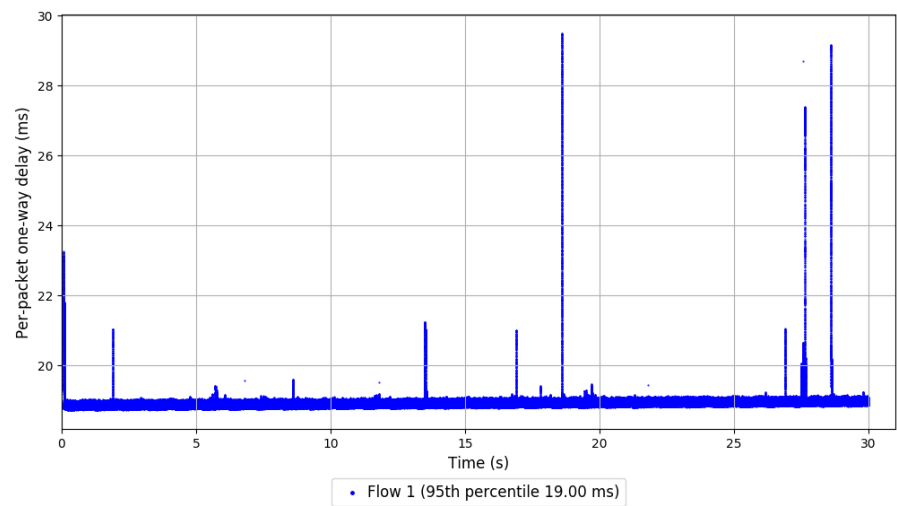
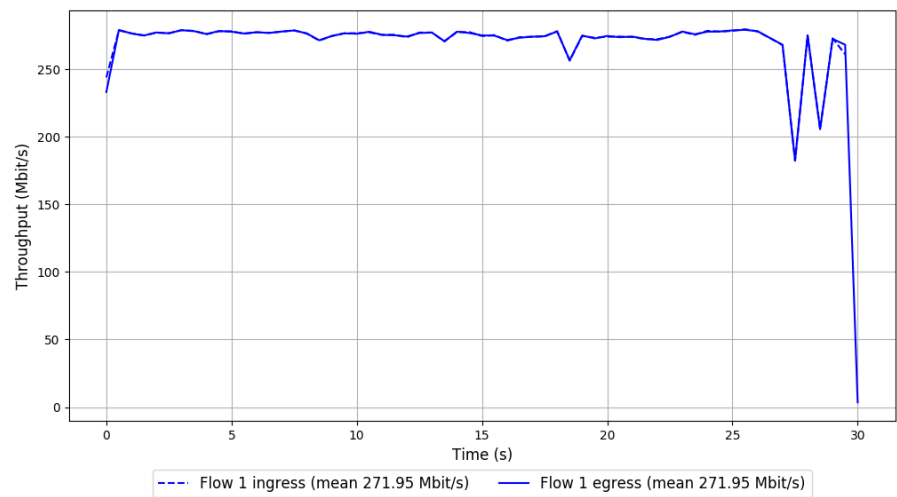


Run 9: Statistics of TaoVA-100x

Start at: 2018-03-06 07:08:02
End at: 2018-03-06 07:08:32
Local clock offset: -3.424 ms
Remote clock offset: -0.333 ms

Below is generated by plot.py at 2018-03-06 10:46:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 271.95 Mbit/s
95th percentile per-packet one-way delay: 19.002 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 271.95 Mbit/s
95th percentile per-packet one-way delay: 19.002 ms
Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-03-06 07:35:42

End at: 2018-03-06 07:36:12

Local clock offset: 2.501 ms

Remote clock offset: -0.096 ms

Below is generated by plot.py at 2018-03-06 10:46:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 272.72 Mbit/s

95th percentile per-packet one-way delay: 19.007 ms

Loss rate: 0.00%

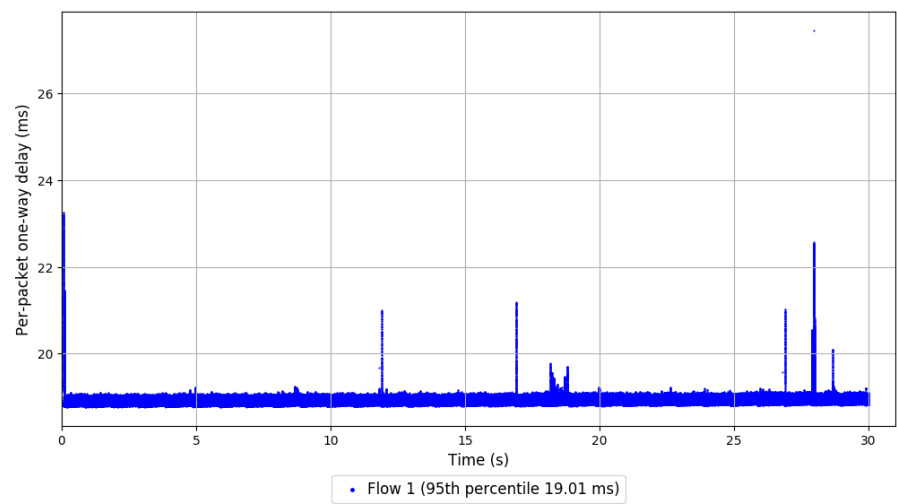
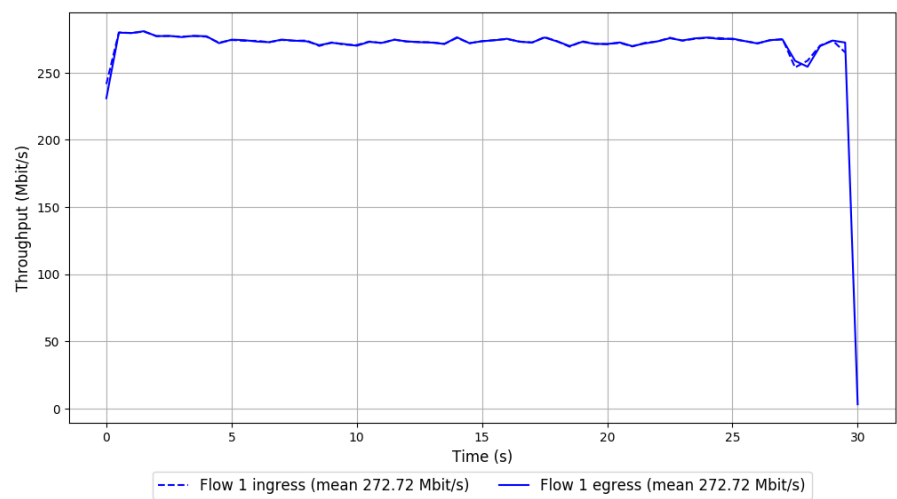
-- Flow 1:

Average throughput: 272.72 Mbit/s

95th percentile per-packet one-way delay: 19.007 ms

Loss rate: 0.00%

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

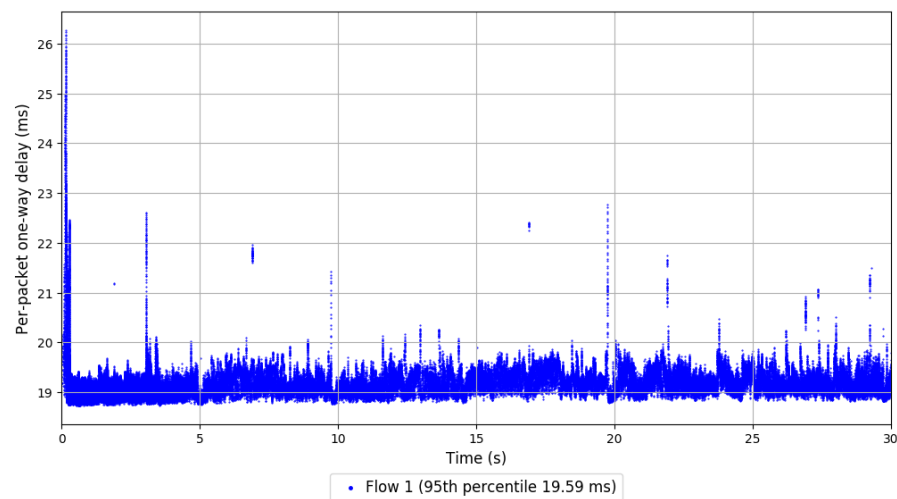
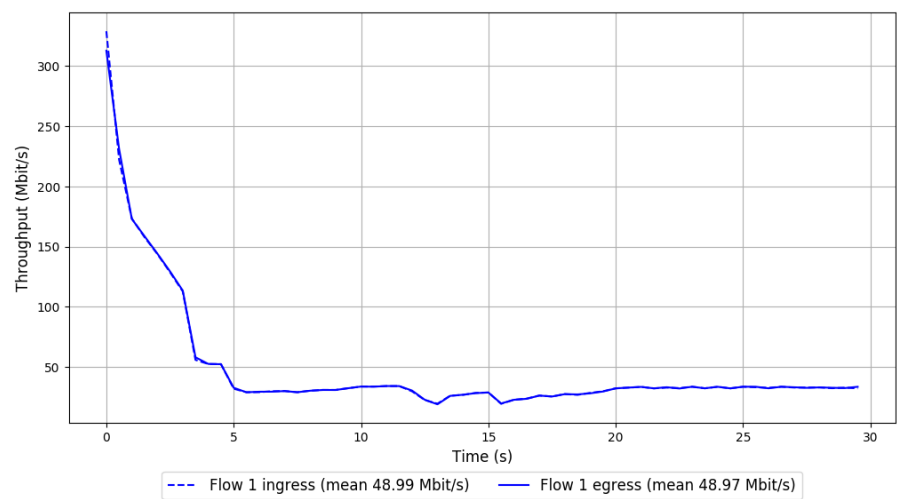


Run 1: Statistics of TCP Vegas

Start at: 2018-03-06 03:17:45
End at: 2018-03-06 03:18:15
Local clock offset: 2.691 ms
Remote clock offset: -0.256 ms

Below is generated by plot.py at 2018-03-06 10:46:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 48.97 Mbit/s
95th percentile per-packet one-way delay: 19.593 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 48.97 Mbit/s
95th percentile per-packet one-way delay: 19.593 ms
Loss rate: 0.04%

Run 1: Report of TCP Vegas — Data Link

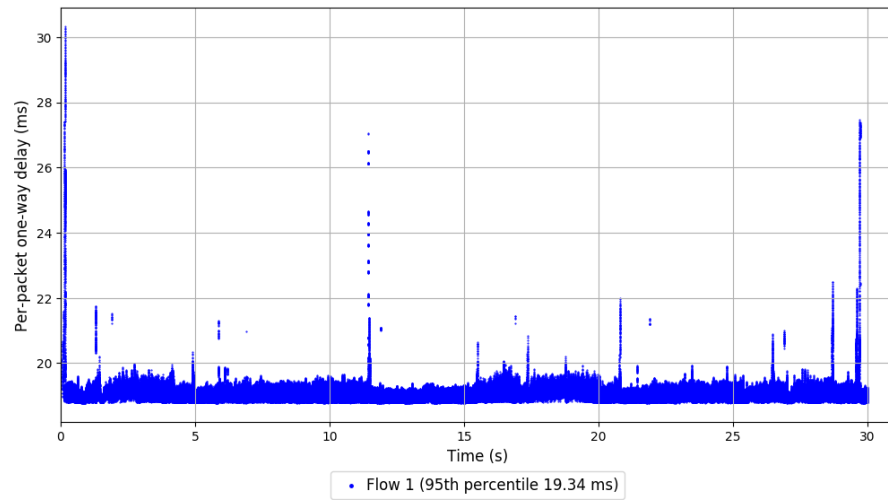
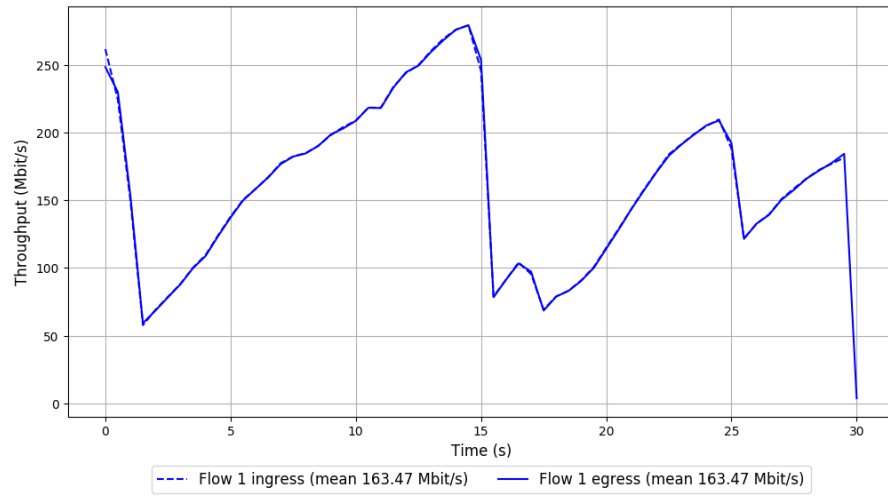


Run 2: Statistics of TCP Vegas

Start at: 2018-03-06 03:44:53
End at: 2018-03-06 03:45:23
Local clock offset: 2.819 ms
Remote clock offset: -0.123 ms

Below is generated by plot.py at 2018-03-06 10:46:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 163.47 Mbit/s
95th percentile per-packet one-way delay: 19.342 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 163.47 Mbit/s
95th percentile per-packet one-way delay: 19.342 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-03-06 04:12:18

End at: 2018-03-06 04:12:48

Local clock offset: 1.755 ms

Remote clock offset: 2.16 ms

Below is generated by plot.py at 2018-03-06 10:46:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 139.27 Mbit/s

95th percentile per-packet one-way delay: 19.161 ms

Loss rate: 0.00%

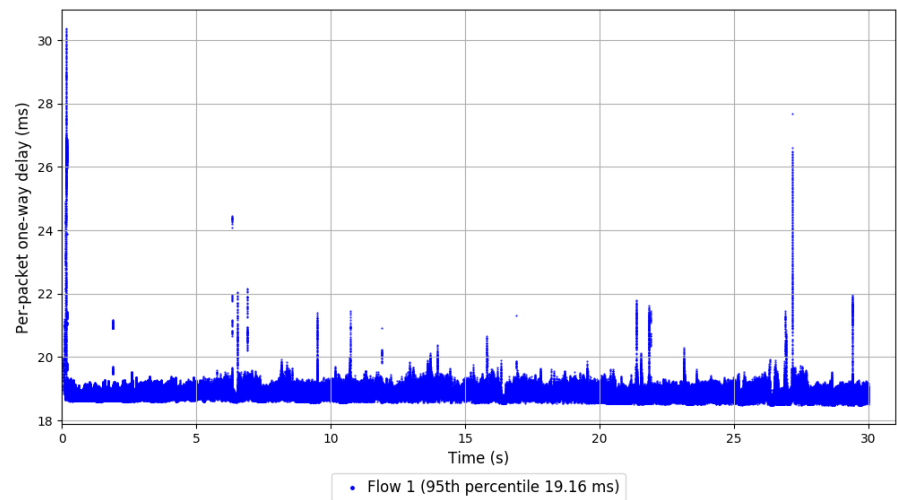
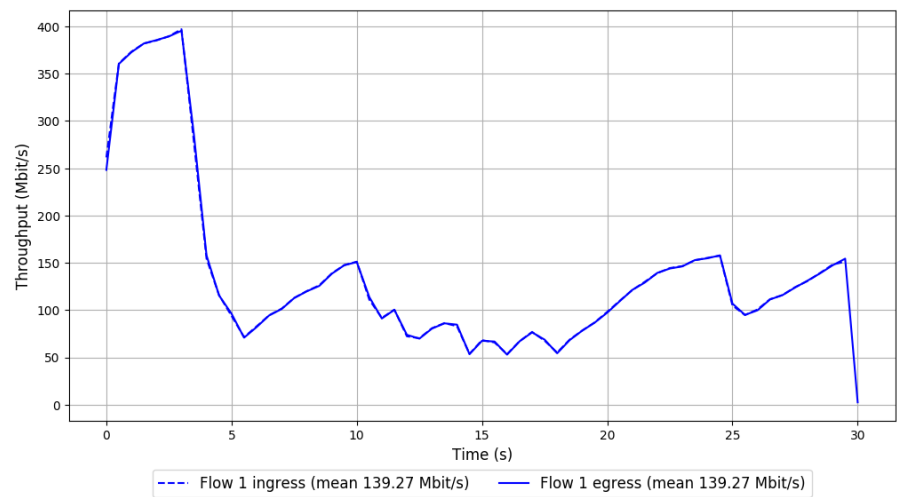
-- Flow 1:

Average throughput: 139.27 Mbit/s

95th percentile per-packet one-way delay: 19.161 ms

Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2018-03-06 04:39:57

End at: 2018-03-06 04:40:27

Local clock offset: 0.918 ms

Remote clock offset: 5.137 ms

Below is generated by plot.py at 2018-03-06 10:46:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 128.76 Mbit/s

95th percentile per-packet one-way delay: 19.512 ms

Loss rate: 0.00%

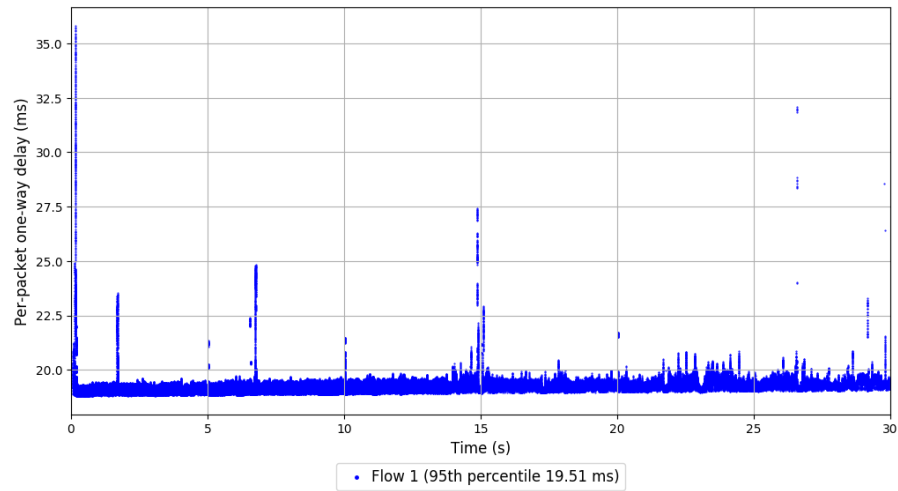
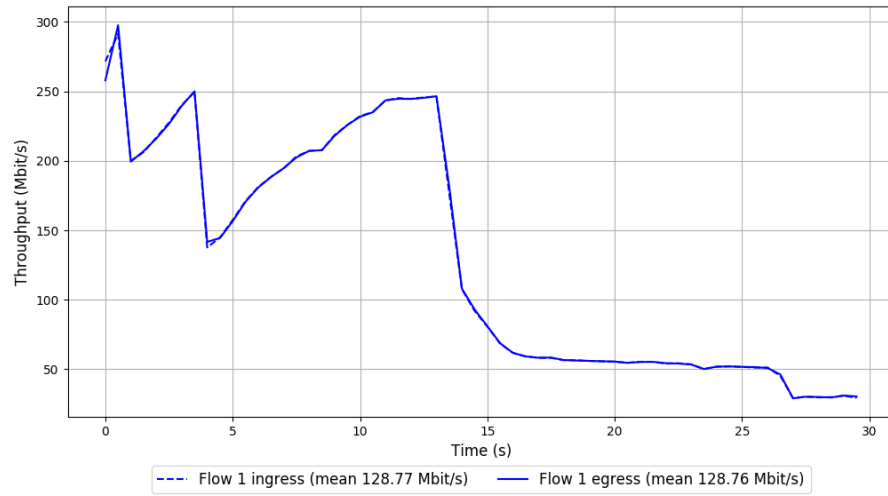
-- Flow 1:

Average throughput: 128.76 Mbit/s

95th percentile per-packet one-way delay: 19.512 ms

Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

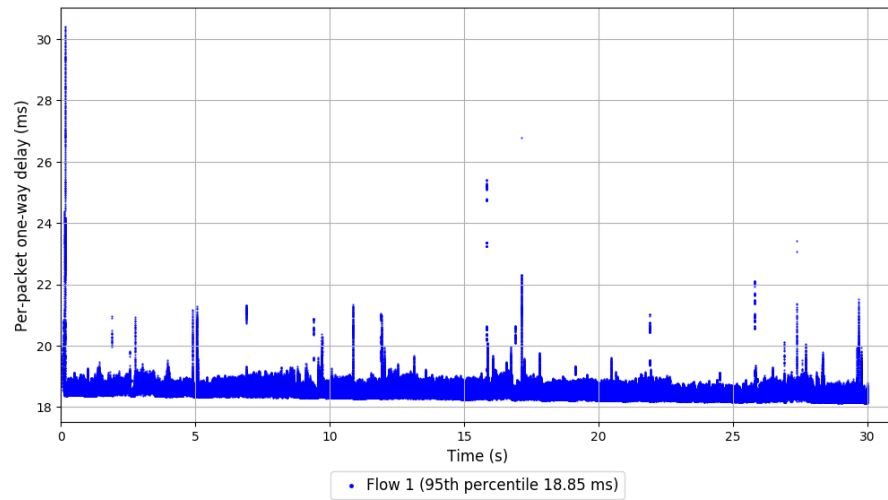
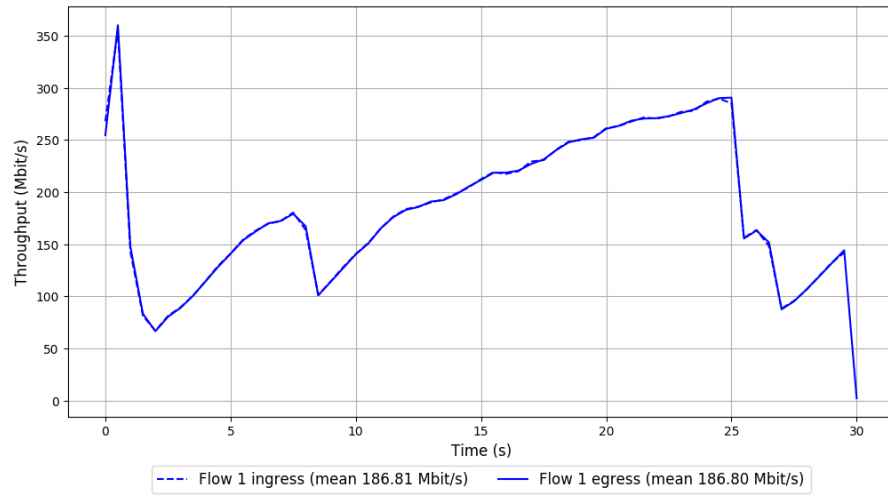


Run 5: Statistics of TCP Vegas

Start at: 2018-03-06 05:07:27
End at: 2018-03-06 05:07:57
Local clock offset: -2.339 ms
Remote clock offset: -0.142 ms

Below is generated by plot.py at 2018-03-06 10:46:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 186.80 Mbit/s
95th percentile per-packet one-way delay: 18.850 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 186.80 Mbit/s
95th percentile per-packet one-way delay: 18.850 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-03-06 05:34:53

End at: 2018-03-06 05:35:23

Local clock offset: -9.791 ms

Remote clock offset: 5.84 ms

Below is generated by plot.py at 2018-03-06 10:46:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 166.64 Mbit/s

95th percentile per-packet one-way delay: 19.153 ms

Loss rate: 0.00%

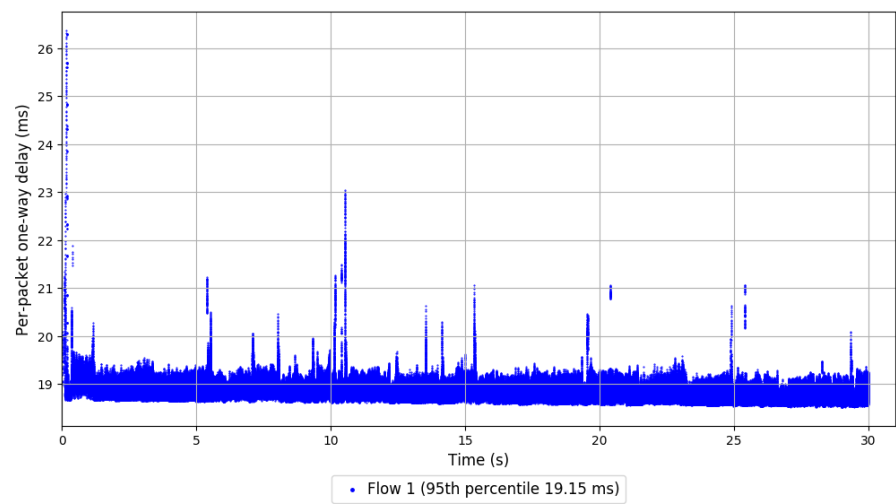
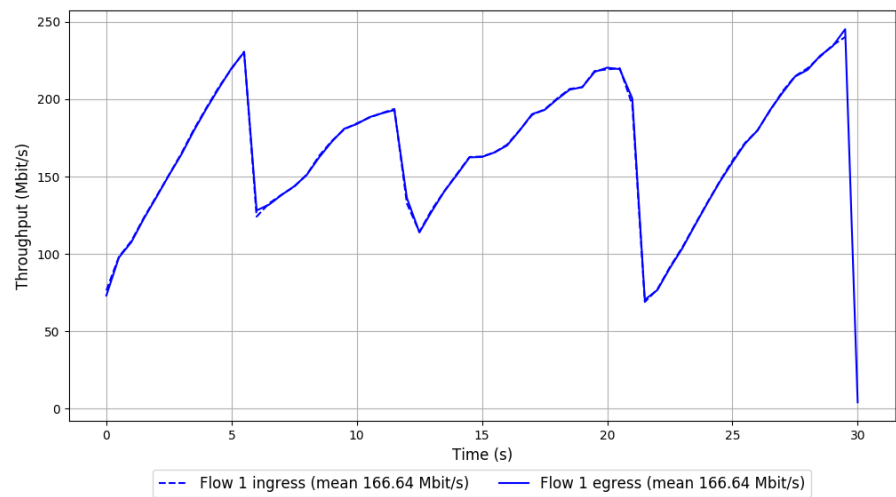
-- Flow 1:

Average throughput: 166.64 Mbit/s

95th percentile per-packet one-way delay: 19.153 ms

Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

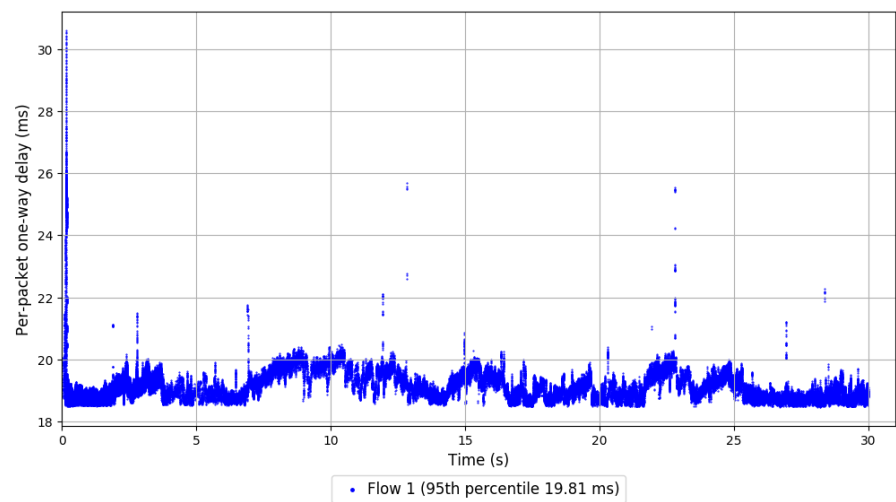
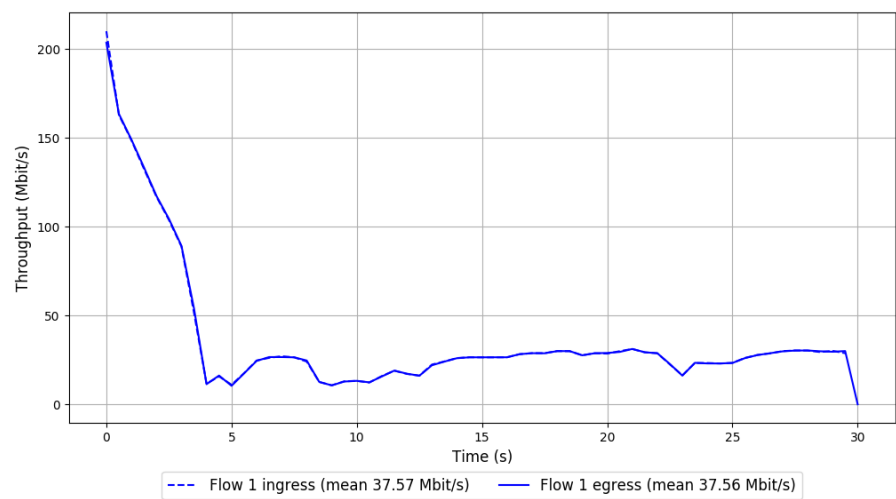


Run 7: Statistics of TCP Vegas

Start at: 2018-03-06 06:02:19
End at: 2018-03-06 06:02:49
Local clock offset: -13.627 ms
Remote clock offset: 5.352 ms

Below is generated by plot.py at 2018-03-06 10:46:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 37.56 Mbit/s
95th percentile per-packet one-way delay: 19.810 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 37.56 Mbit/s
95th percentile per-packet one-way delay: 19.810 ms
Loss rate: 0.05%

Run 7: Report of TCP Vegas — Data Link

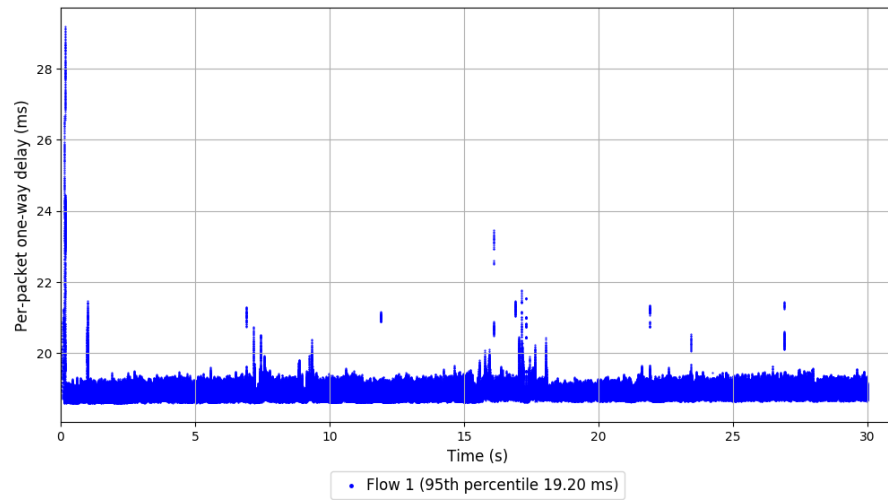
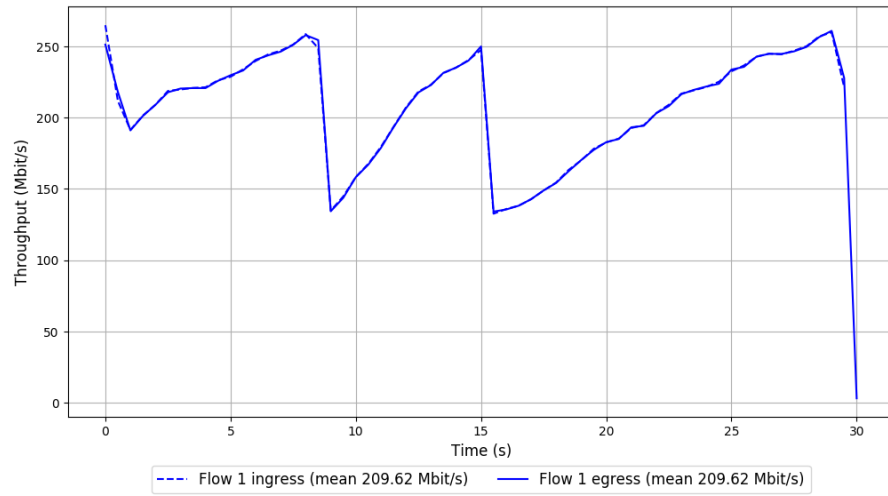


Run 8: Statistics of TCP Vegas

Start at: 2018-03-06 06:30:05
End at: 2018-03-06 06:30:35
Local clock offset: -17.534 ms
Remote clock offset: 2.31 ms

Below is generated by plot.py at 2018-03-06 10:46:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 209.62 Mbit/s
95th percentile per-packet one-way delay: 19.202 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 209.62 Mbit/s
95th percentile per-packet one-way delay: 19.202 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

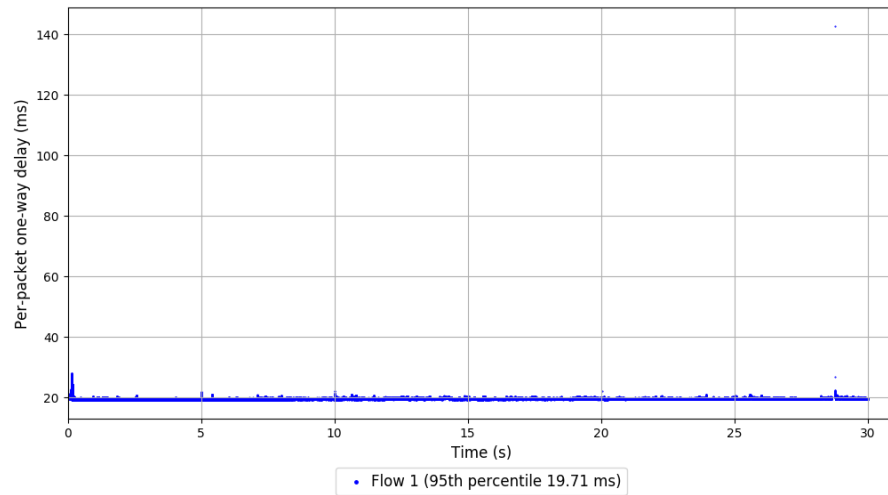
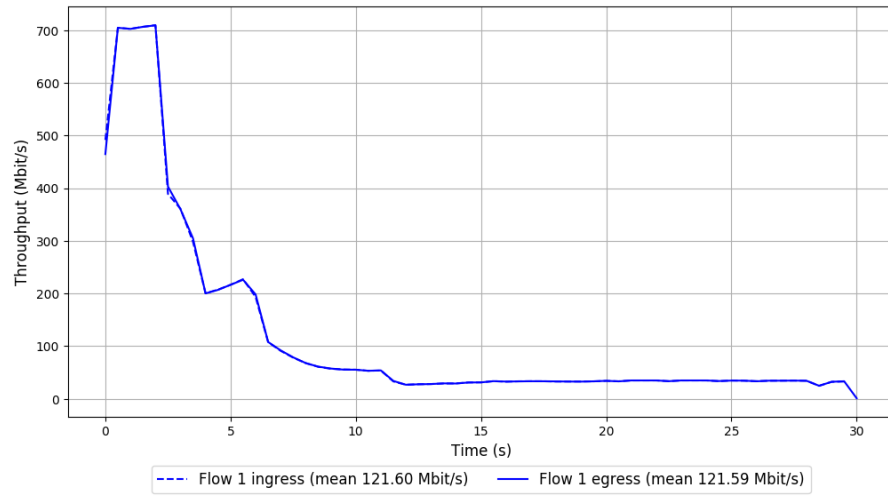


Run 9: Statistics of TCP Vegas

Start at: 2018-03-06 06:57:26
End at: 2018-03-06 06:57:56
Local clock offset: -7.471 ms
Remote clock offset: -0.552 ms

Below is generated by plot.py at 2018-03-06 10:46:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 121.59 Mbit/s
95th percentile per-packet one-way delay: 19.707 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 121.59 Mbit/s
95th percentile per-packet one-way delay: 19.707 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-03-06 07:24:43

End at: 2018-03-06 07:25:13

Local clock offset: 0.187 ms

Remote clock offset: -0.632 ms

Below is generated by plot.py at 2018-03-06 10:47:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 213.51 Mbit/s

95th percentile per-packet one-way delay: 19.440 ms

Loss rate: 0.01%

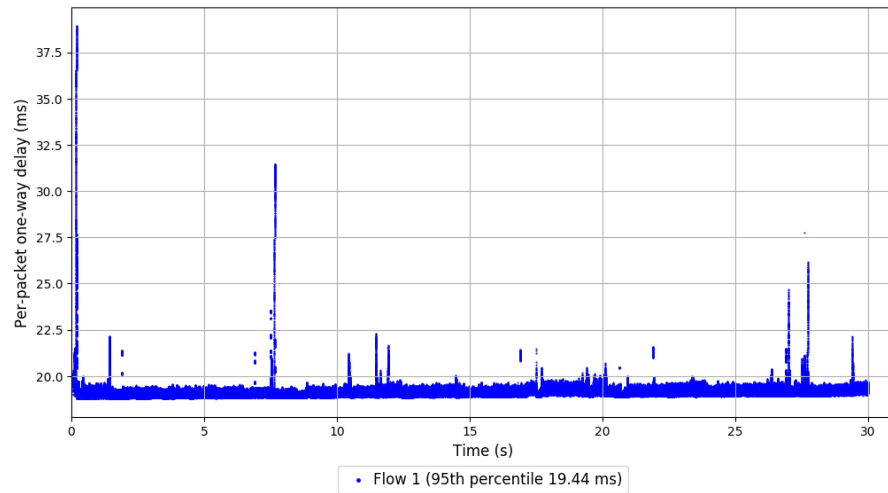
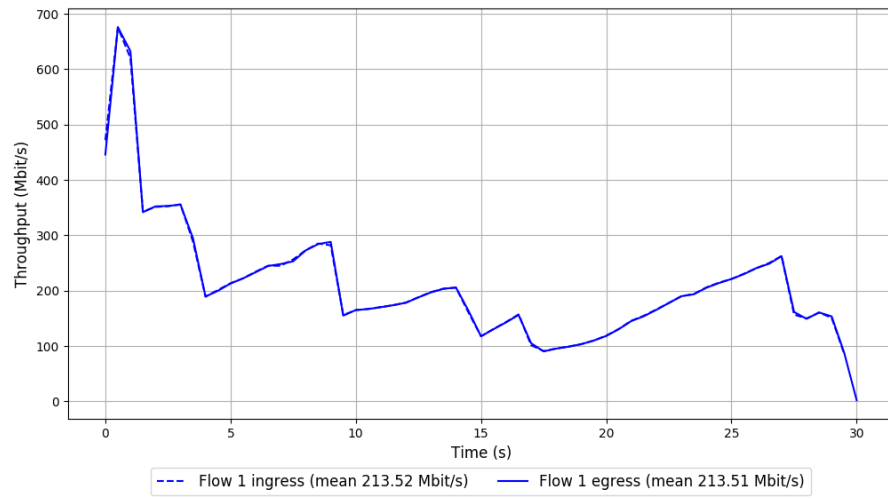
-- Flow 1:

Average throughput: 213.51 Mbit/s

95th percentile per-packet one-way delay: 19.440 ms

Loss rate: 0.01%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-03-06 03:29:54

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

Local clock offset: 2.633 ms

Remote clock offset: -1.45 ms

Below is generated by plot.py at 2018-03-06 10:48:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 274.90 Mbit/s

95th percentile per-packet one-way delay: 32.400 ms

Loss rate: 6.81%

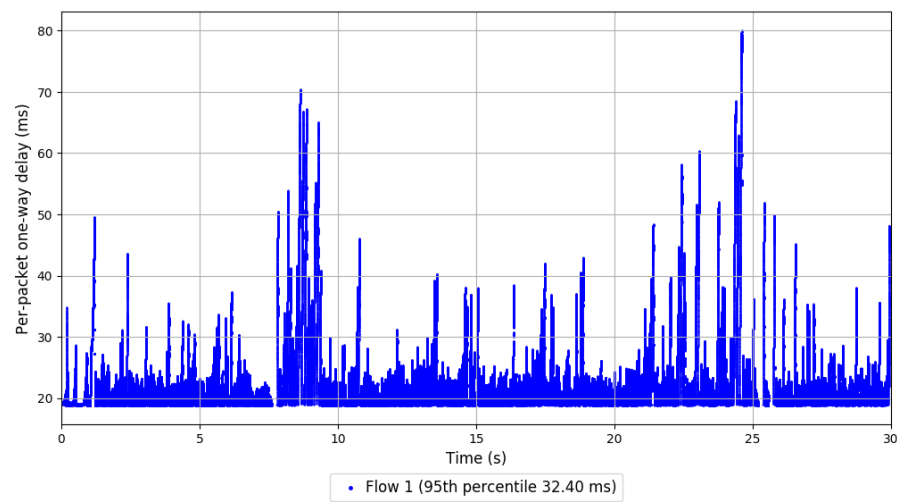
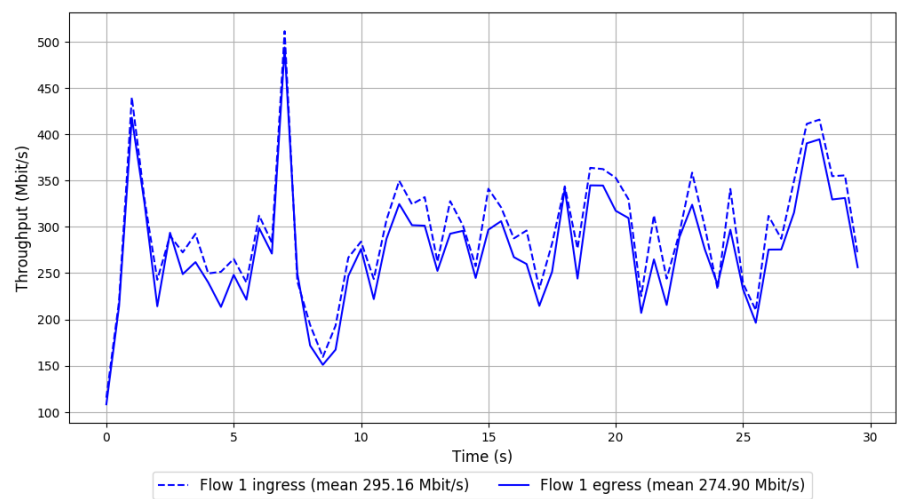
-- Flow 1:

Average throughput: 274.90 Mbit/s

95th percentile per-packet one-way delay: 32.400 ms

Loss rate: 6.81%

Run 1: Report of Verus — Data Link

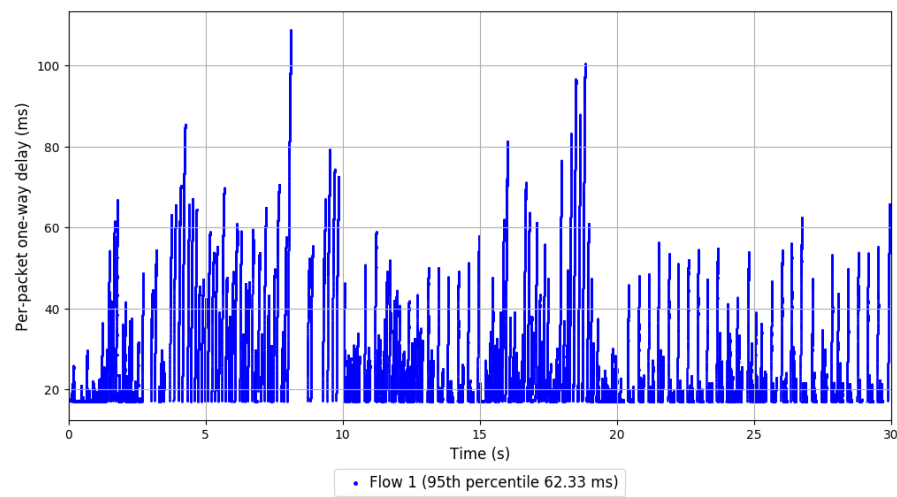
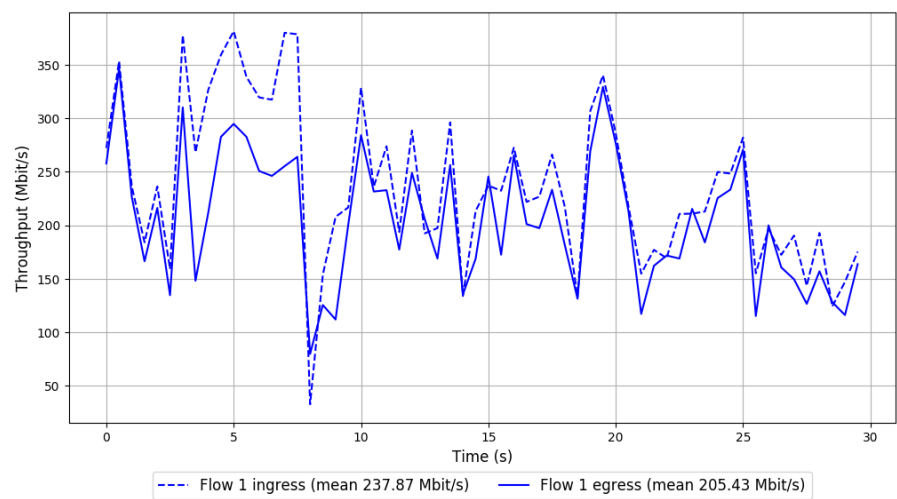


Run 2: Statistics of Verus

Start at: 2018-03-06 03:57:07
End at: 2018-03-06 03:57:37
Local clock offset: 2.86 ms
Remote clock offset: -0.203 ms

Below is generated by plot.py at 2018-03-06 10:48:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 205.43 Mbit/s
95th percentile per-packet one-way delay: 62.327 ms
Loss rate: 13.50%
-- Flow 1:
Average throughput: 205.43 Mbit/s
95th percentile per-packet one-way delay: 62.327 ms
Loss rate: 13.50%

Run 2: Report of Verus — Data Link



Run 3: Statistics of Verus

Start at: 2018-03-06 04:24:50

End at: 2018-03-06 04:25:20

Local clock offset: 1.731 ms

Remote clock offset: 4.21 ms

Below is generated by plot.py at 2018-03-06 10:48:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 216.47 Mbit/s

95th percentile per-packet one-way delay: 44.421 ms

Loss rate: 8.33%

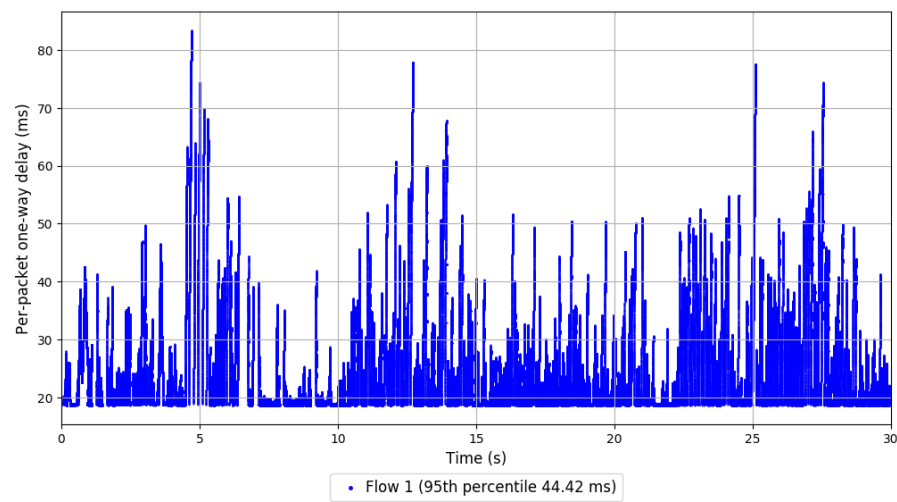
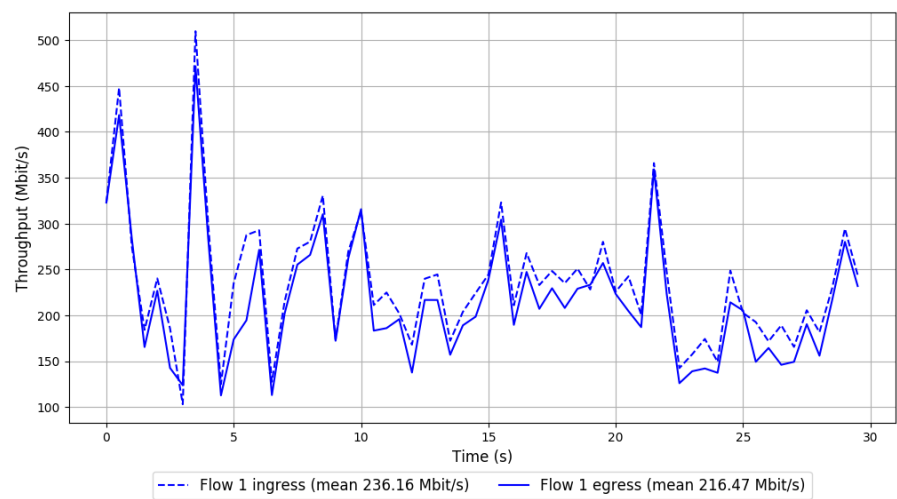
-- Flow 1:

Average throughput: 216.47 Mbit/s

95th percentile per-packet one-way delay: 44.421 ms

Loss rate: 8.33%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2018-03-06 04:52:17

End at: 2018-03-06 04:52:47

Local clock offset: 0.625 ms

Remote clock offset: 1.334 ms

Below is generated by plot.py at 2018-03-06 10:48:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 199.85 Mbit/s

95th percentile per-packet one-way delay: 42.935 ms

Loss rate: 11.11%

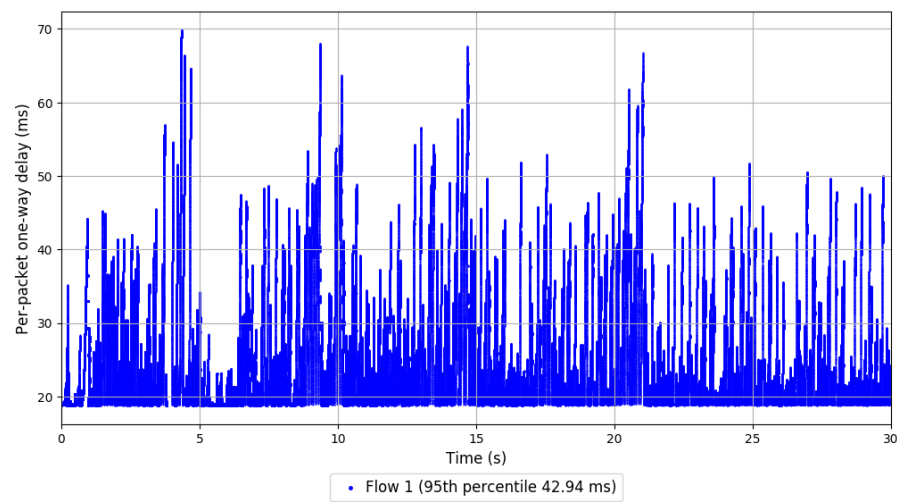
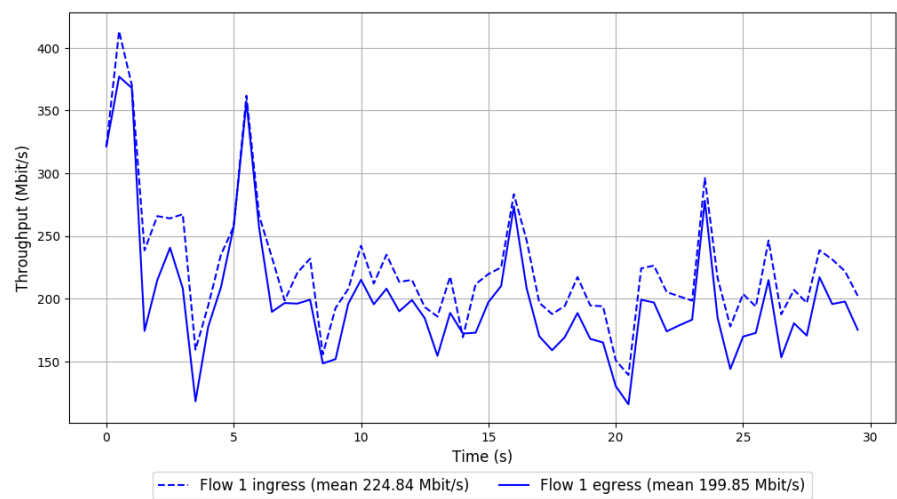
-- Flow 1:

Average throughput: 199.85 Mbit/s

95th percentile per-packet one-way delay: 42.935 ms

Loss rate: 11.11%

Run 4: Report of Verus — Data Link



Run 5: Statistics of Verus

Start at: 2018-03-06 05:19:52

End at: 2018-03-06 05:20:22

Local clock offset: -6.972 ms

Remote clock offset: 2.522 ms

Below is generated by plot.py at 2018-03-06 10:48:49

Datalink statistics

-- Total of 1 flow:

Average throughput: 189.03 Mbit/s

95th percentile per-packet one-way delay: 74.837 ms

Loss rate: 14.27%

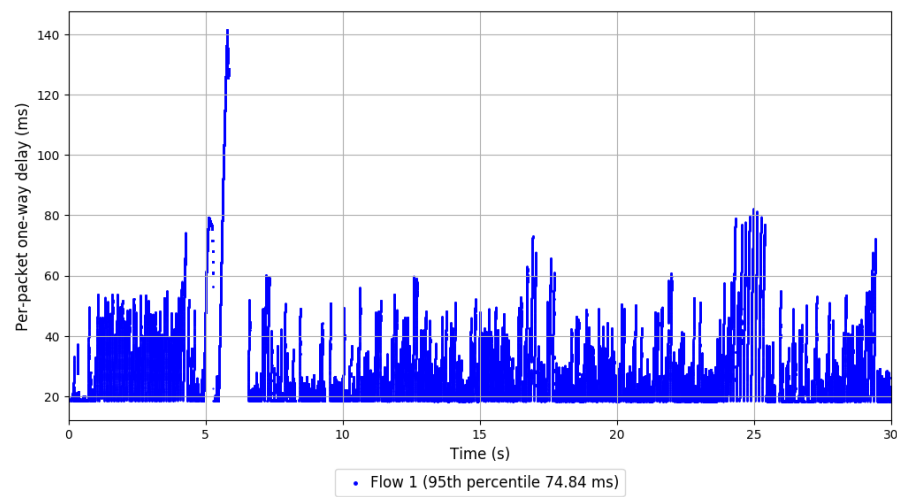
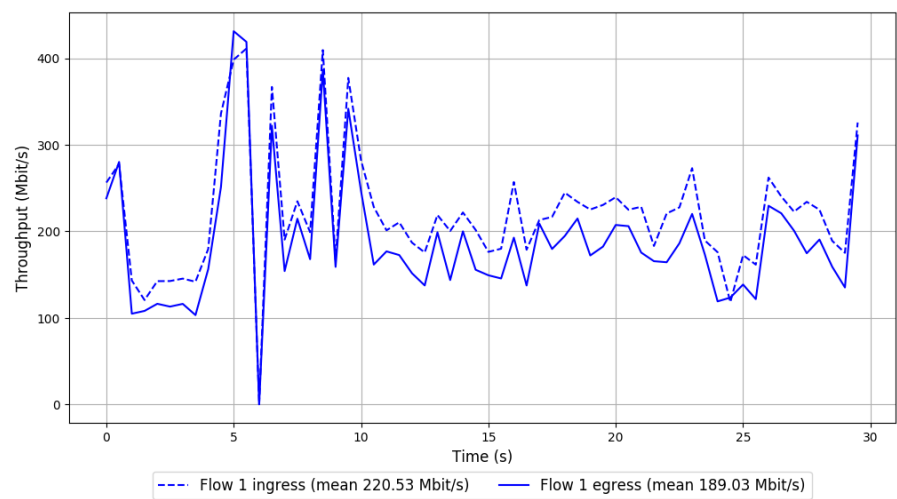
-- Flow 1:

Average throughput: 189.03 Mbit/s

95th percentile per-packet one-way delay: 74.837 ms

Loss rate: 14.27%

Run 5: Report of Verus — Data Link

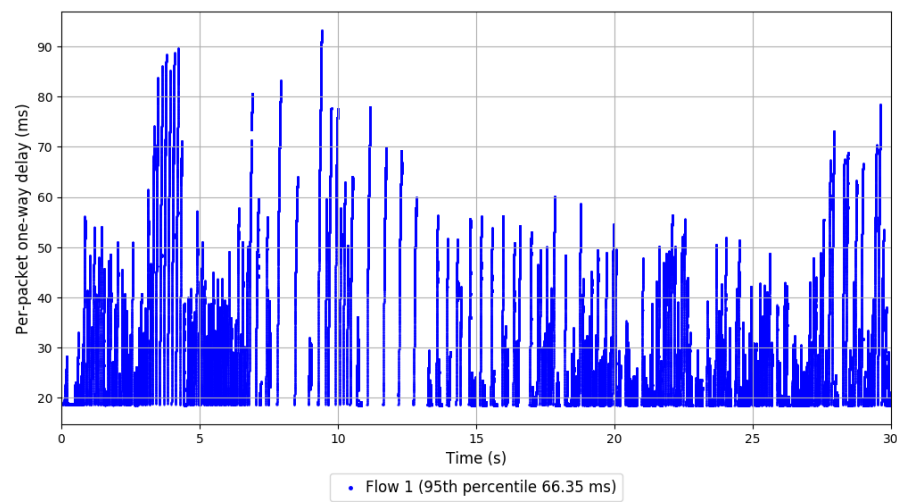
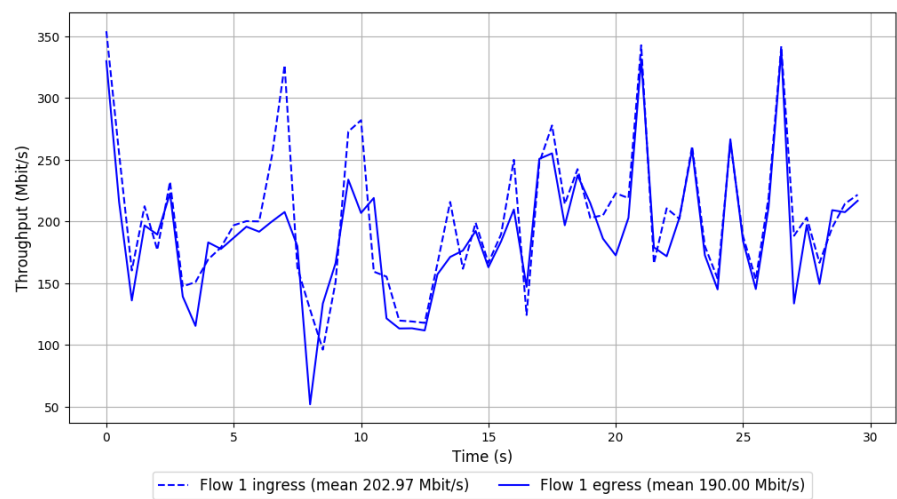


Run 6: Statistics of Verus

Start at: 2018-03-06 05:47:12
End at: 2018-03-06 05:47:42
Local clock offset: -11.587 ms
Remote clock offset: 7.083 ms

Below is generated by plot.py at 2018-03-06 10:49:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 190.00 Mbit/s
95th percentile per-packet one-way delay: 66.350 ms
Loss rate: 6.39%
-- Flow 1:
Average throughput: 190.00 Mbit/s
95th percentile per-packet one-way delay: 66.350 ms
Loss rate: 6.39%

Run 6: Report of Verus — Data Link

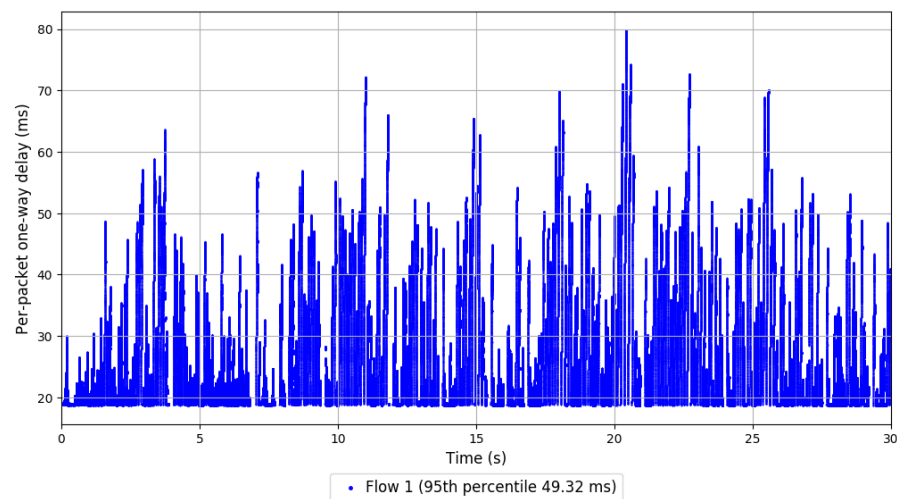
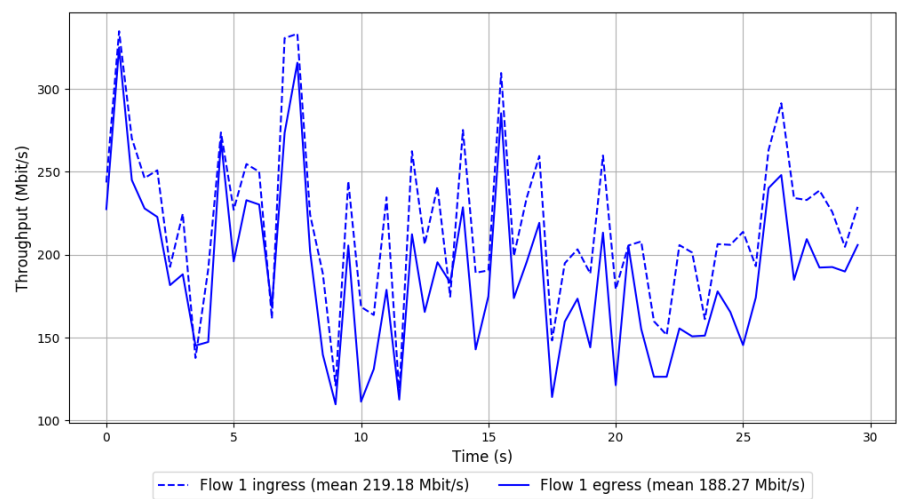


Run 7: Statistics of Verus

Start at: 2018-03-06 06:14:52
End at: 2018-03-06 06:15:22
Local clock offset: -15.504 ms
Remote clock offset: 5.531 ms

Below is generated by plot.py at 2018-03-06 10:49:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 188.27 Mbit/s
95th percentile per-packet one-way delay: 49.322 ms
Loss rate: 14.07%
-- Flow 1:
Average throughput: 188.27 Mbit/s
95th percentile per-packet one-way delay: 49.322 ms
Loss rate: 14.07%

Run 7: Report of Verus — Data Link

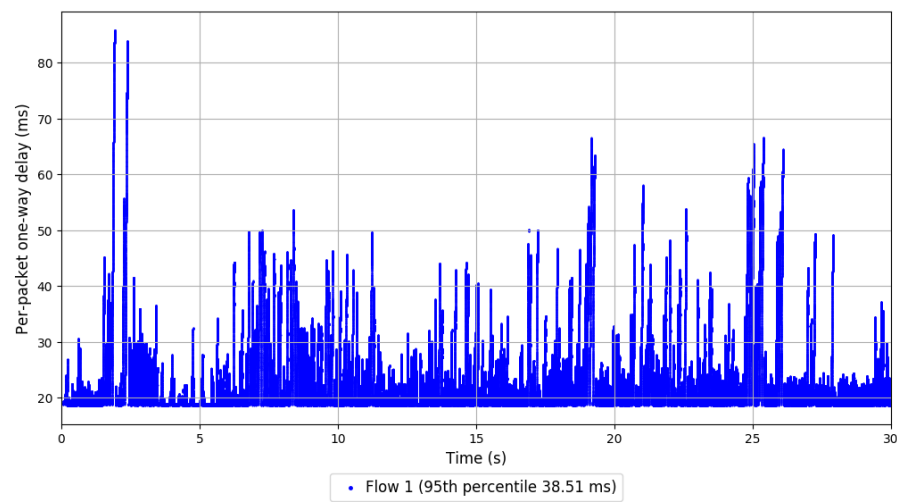
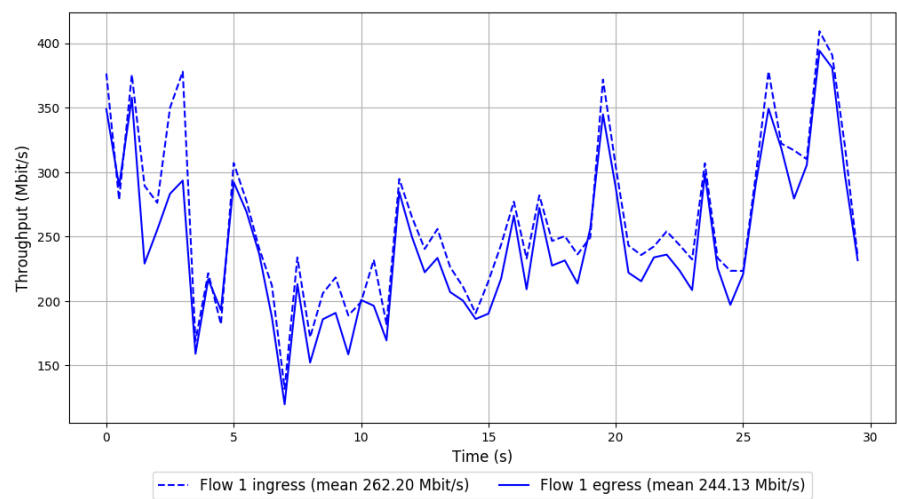


Run 8: Statistics of Verus

Start at: 2018-03-06 06:42:27
End at: 2018-03-06 06:42:57
Local clock offset: -19.252 ms
Remote clock offset: 0.359 ms

Below is generated by plot.py at 2018-03-06 10:50:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 244.13 Mbit/s
95th percentile per-packet one-way delay: 38.506 ms
Loss rate: 6.89%
-- Flow 1:
Average throughput: 244.13 Mbit/s
95th percentile per-packet one-way delay: 38.506 ms
Loss rate: 6.89%

Run 8: Report of Verus — Data Link

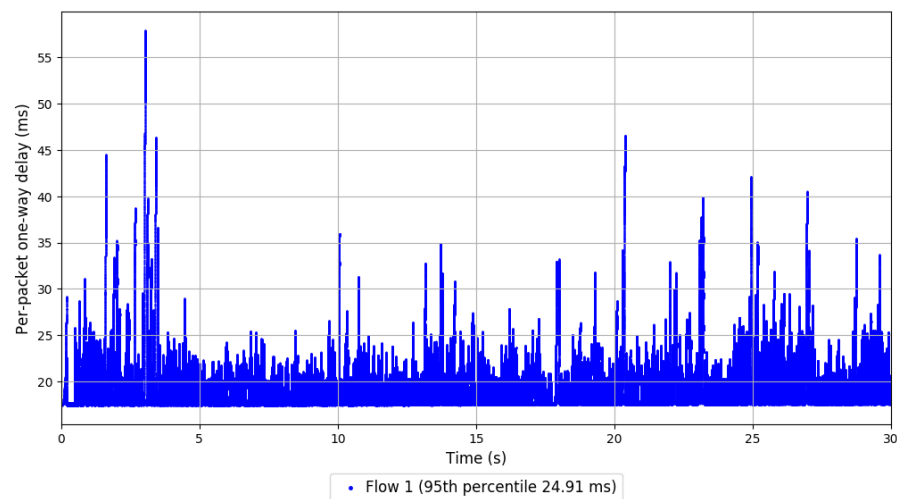
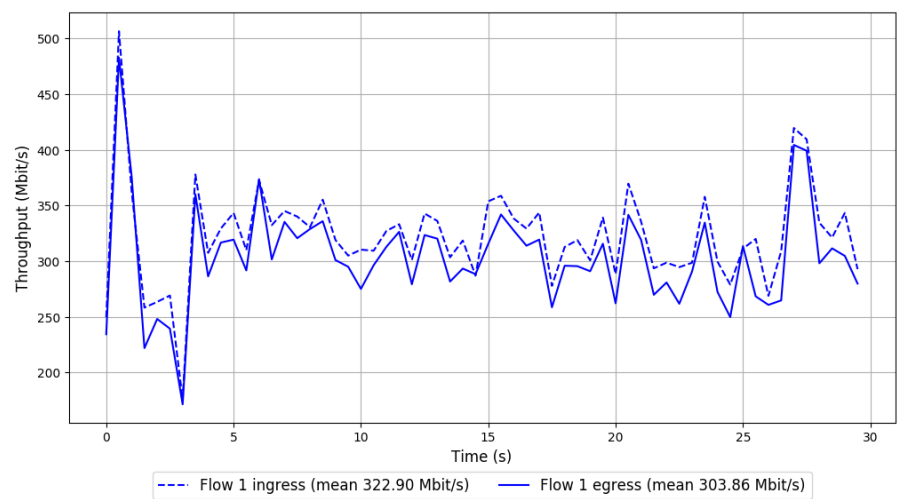


Run 9: Statistics of Verus

Start at: 2018-03-06 07:09:38
End at: 2018-03-06 07:10:08
Local clock offset: -3.094 ms
Remote clock offset: -0.271 ms

Below is generated by plot.py at 2018-03-06 10:52:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 303.86 Mbit/s
95th percentile per-packet one-way delay: 24.906 ms
Loss rate: 5.89%
-- Flow 1:
Average throughput: 303.86 Mbit/s
95th percentile per-packet one-way delay: 24.906 ms
Loss rate: 5.89%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-03-06 07:37:18

End at: 2018-03-06 07:37:48

Local clock offset: 2.79 ms

Remote clock offset: 0.055 ms

Below is generated by plot.py at 2018-03-06 10:52:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 201.86 Mbit/s

95th percentile per-packet one-way delay: 53.838 ms

Loss rate: 9.08%

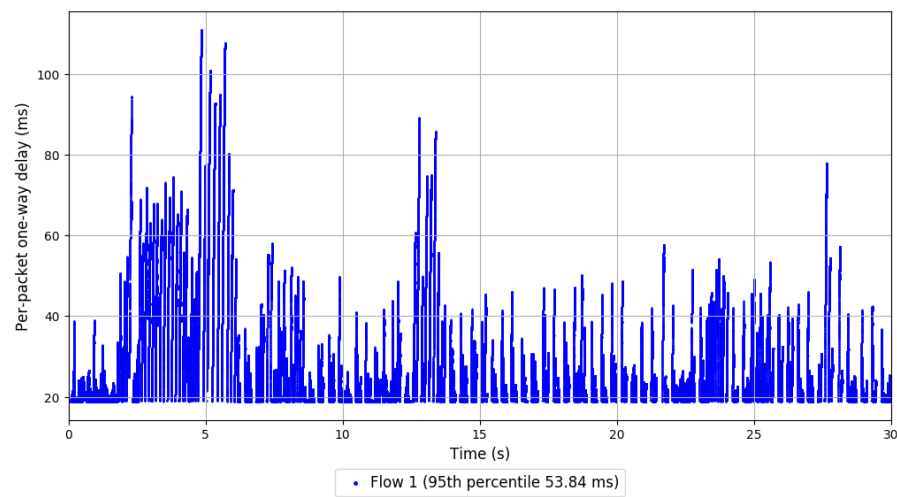
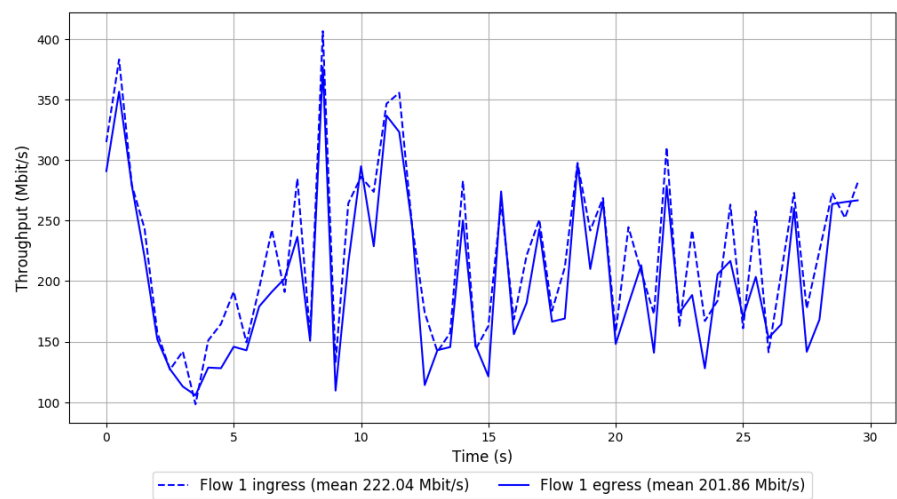
-- Flow 1:

Average throughput: 201.86 Mbit/s

95th percentile per-packet one-way delay: 53.838 ms

Loss rate: 9.08%

Run 10: Report of Verus — Data Link

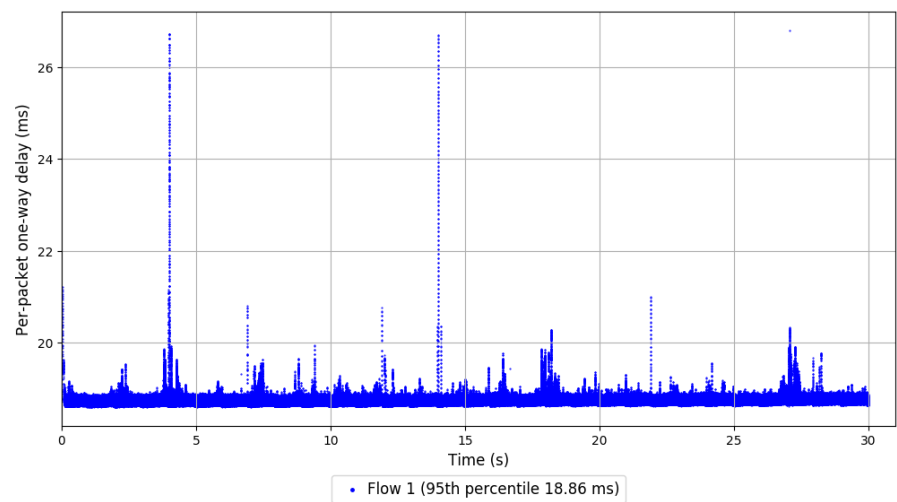
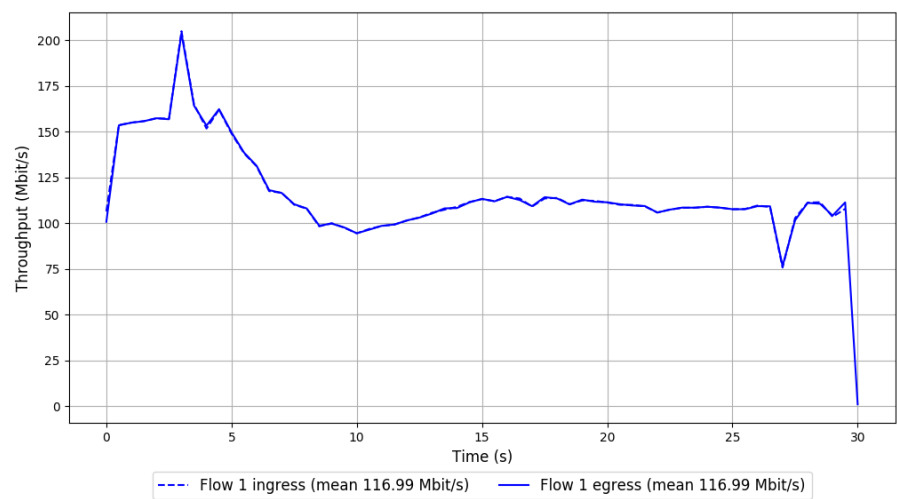


Run 1: Statistics of Copa

Start at: 2018-03-06 03:25:31
End at: 2018-03-06 03:26:01
Local clock offset: 2.772 ms
Remote clock offset: -1.091 ms

Below is generated by plot.py at 2018-03-06 10:52:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 116.99 Mbit/s
95th percentile per-packet one-way delay: 18.856 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 116.99 Mbit/s
95th percentile per-packet one-way delay: 18.856 ms
Loss rate: 0.01%

Run 1: Report of Copa — Data Link

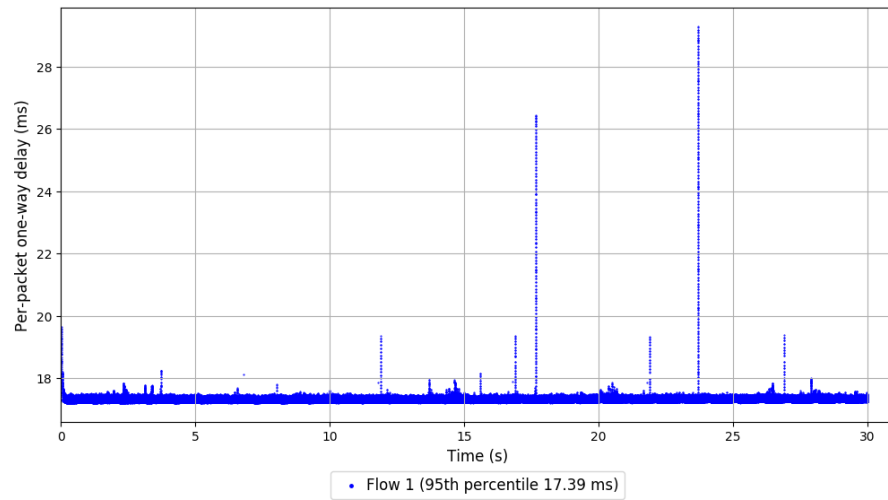
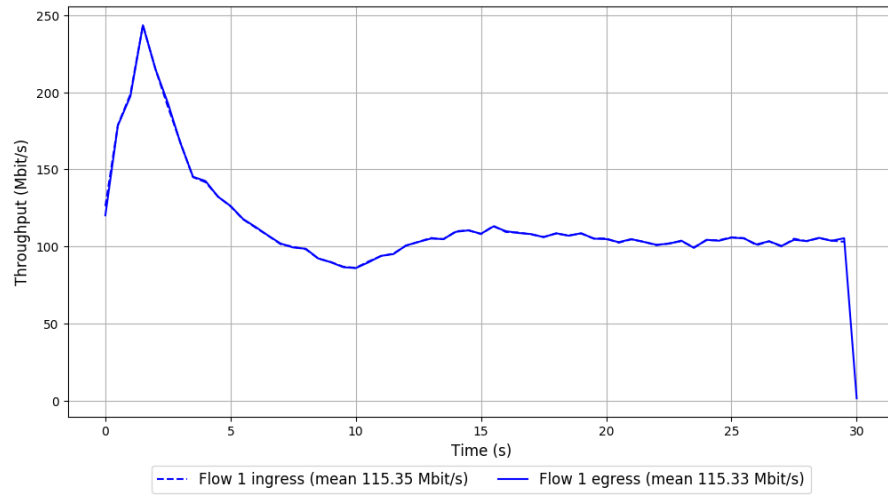


Run 2: Statistics of Copa

Start at: 2018-03-06 03:52:41
End at: 2018-03-06 03:53:11
Local clock offset: 3.09 ms
Remote clock offset: -0.153 ms

Below is generated by plot.py at 2018-03-06 10:52:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 115.33 Mbit/s
95th percentile per-packet one-way delay: 17.388 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 115.33 Mbit/s
95th percentile per-packet one-way delay: 17.388 ms
Loss rate: 0.02%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-03-06 04:20:12

End at: 2018-03-06 04:20:42

Local clock offset: 1.726 ms

Remote clock offset: 3.781 ms

Below is generated by plot.py at 2018-03-06 10:52:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 117.56 Mbit/s

95th percentile per-packet one-way delay: 18.819 ms

Loss rate: 0.00%

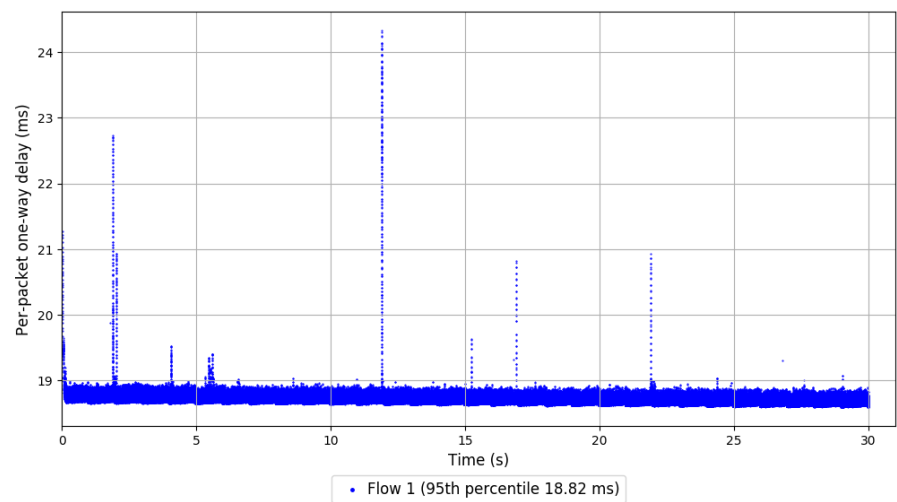
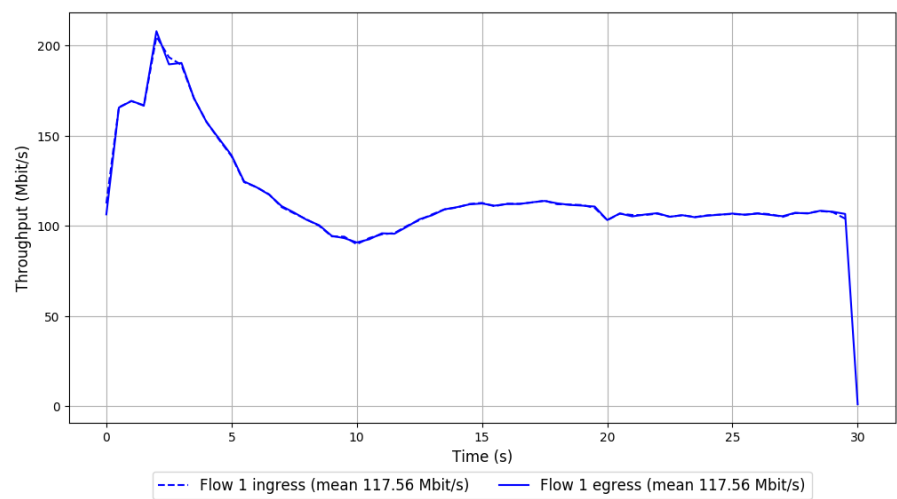
-- Flow 1:

Average throughput: 117.56 Mbit/s

95th percentile per-packet one-way delay: 18.819 ms

Loss rate: 0.00%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-03-06 04:47:46

End at: 2018-03-06 04:48:16

Local clock offset: 0.691 ms

Remote clock offset: 2.168 ms

Below is generated by plot.py at 2018-03-06 10:52:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 116.29 Mbit/s

95th percentile per-packet one-way delay: 18.965 ms

Loss rate: 0.00%

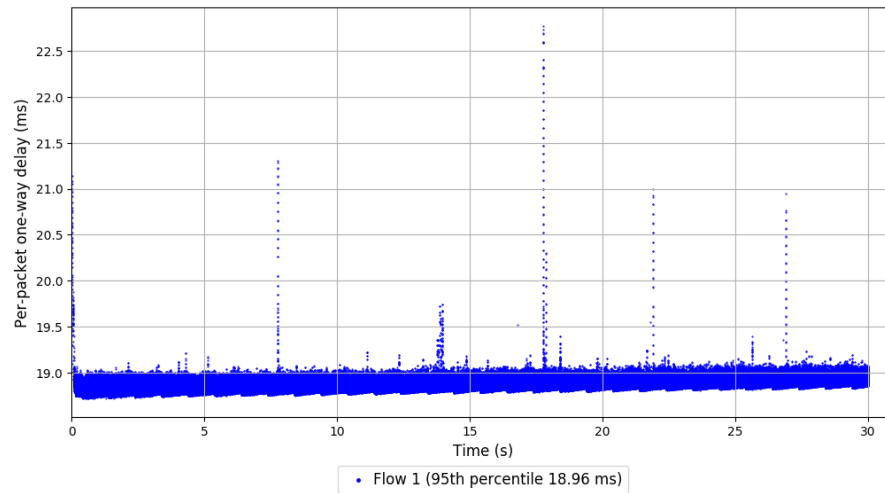
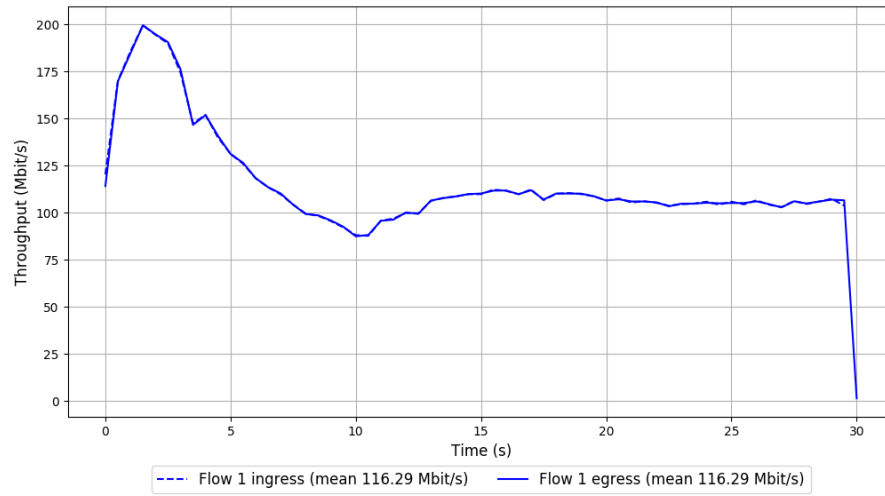
-- Flow 1:

Average throughput: 116.29 Mbit/s

95th percentile per-packet one-way delay: 18.965 ms

Loss rate: 0.00%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-03-06 05:15:24

End at: 2018-03-06 05:15:54

Local clock offset: -5.624 ms

Remote clock offset: 0.303 ms

Below is generated by plot.py at 2018-03-06 10:52:33

Datalink statistics

-- Total of 1 flow:

Average throughput: 115.37 Mbit/s

95th percentile per-packet one-way delay: 16.916 ms

Loss rate: 0.00%

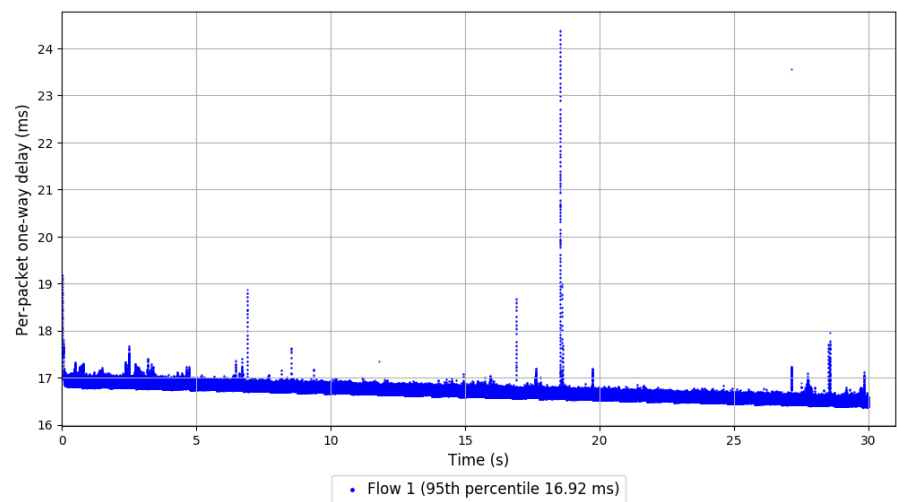
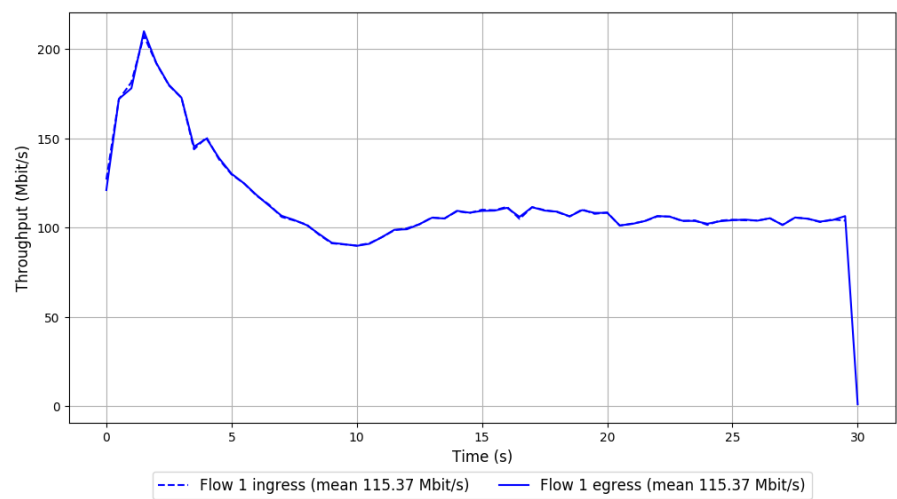
-- Flow 1:

Average throughput: 115.37 Mbit/s

95th percentile per-packet one-way delay: 16.916 ms

Loss rate: 0.00%

Run 5: Report of Copa — Data Link

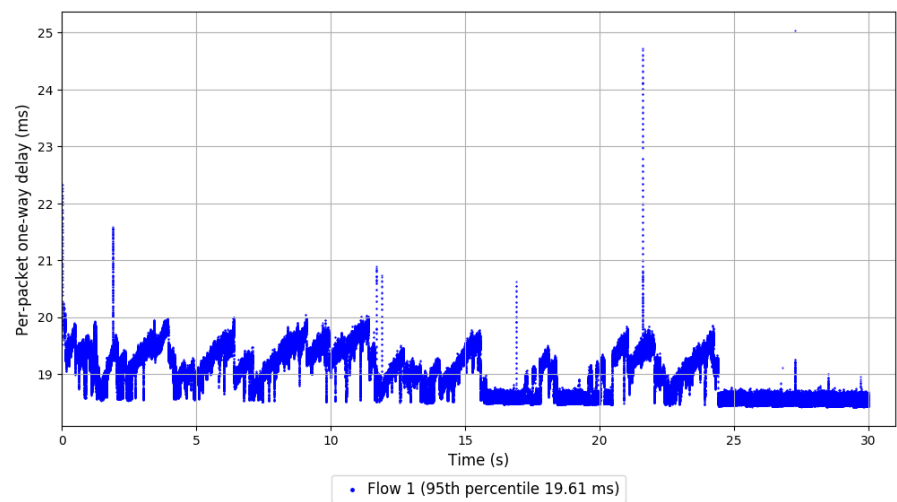
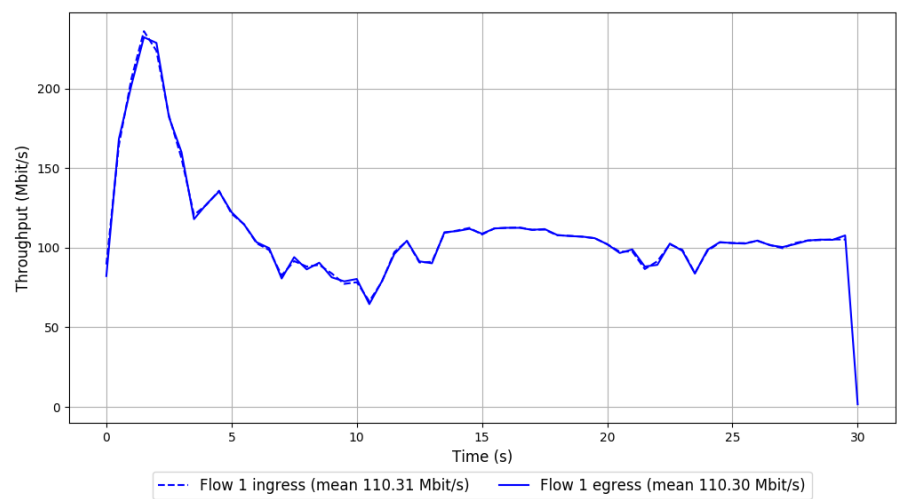


Run 6: Statistics of Copa

Start at: 2018-03-06 05:42:41
End at: 2018-03-06 05:43:11
Local clock offset: -10.864 ms
Remote clock offset: 6.713 ms

Below is generated by plot.py at 2018-03-06 10:53:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 110.30 Mbit/s
95th percentile per-packet one-way delay: 19.606 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 110.30 Mbit/s
95th percentile per-packet one-way delay: 19.606 ms
Loss rate: 0.01%

Run 6: Report of Copa — Data Link

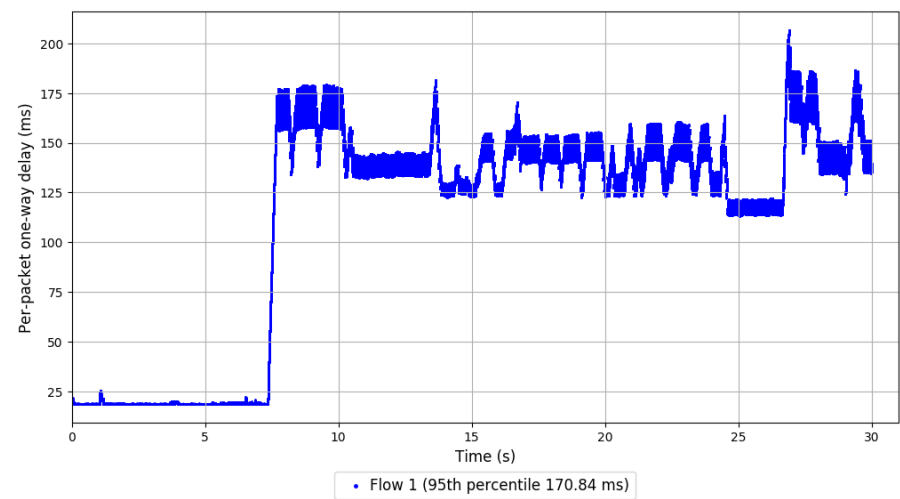
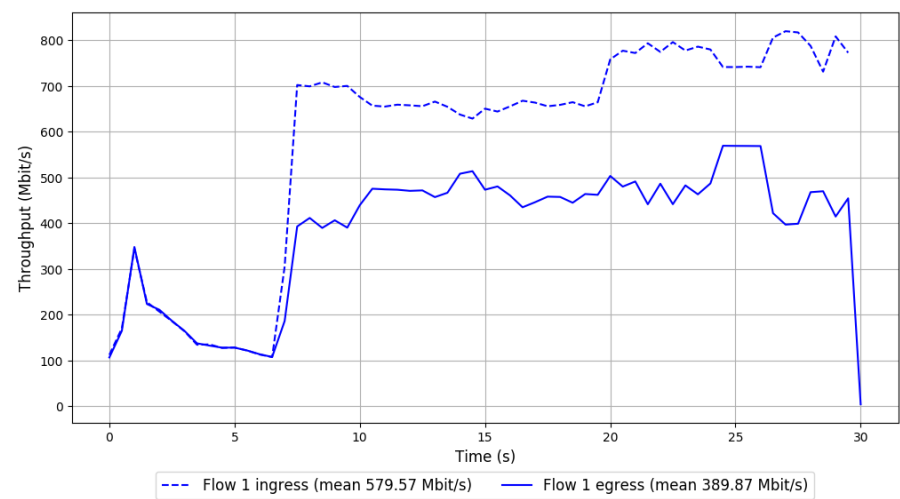


Run 7: Statistics of Copa

Start at: 2018-03-06 06:10:05
End at: 2018-03-06 06:10:35
Local clock offset: -14.834 ms
Remote clock offset: 5.36 ms

Below is generated by plot.py at 2018-03-06 11:00:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 389.87 Mbit/s
95th percentile per-packet one-way delay: 170.844 ms
Loss rate: 32.73%
-- Flow 1:
Average throughput: 389.87 Mbit/s
95th percentile per-packet one-way delay: 170.844 ms
Loss rate: 32.73%

Run 7: Report of Copa — Data Link

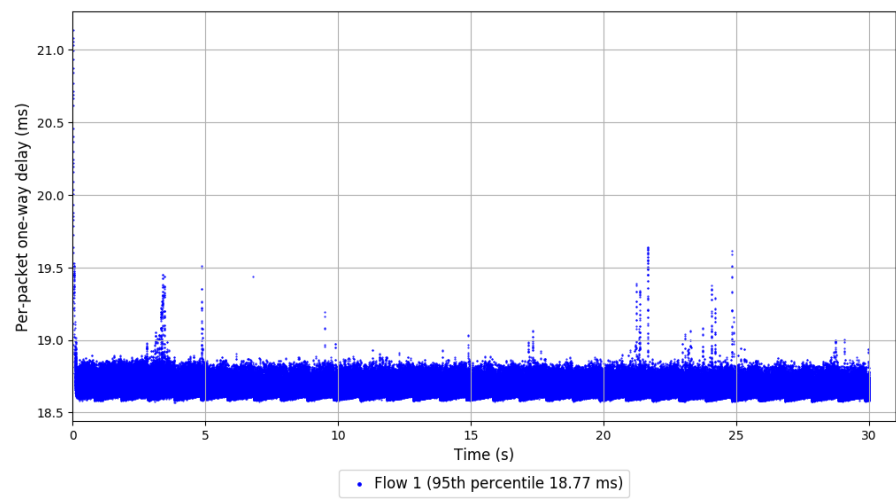
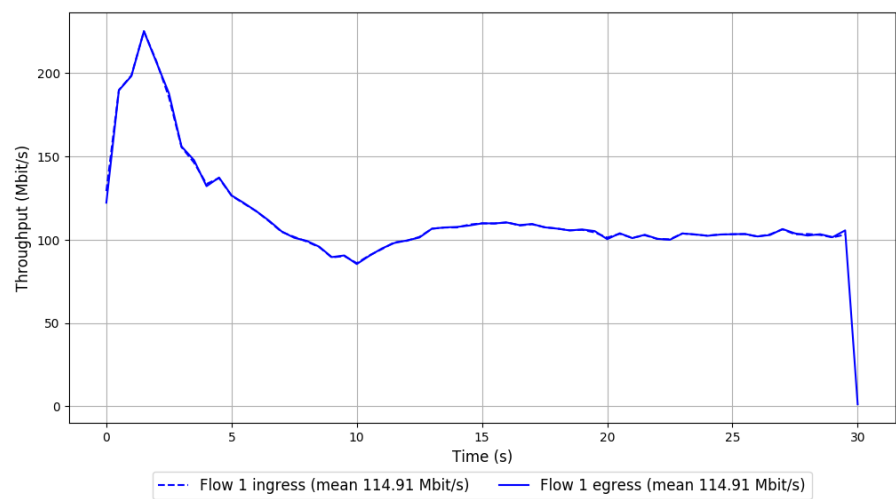


Run 8: Statistics of Copa

Start at: 2018-03-06 06:37:57
End at: 2018-03-06 06:38:27
Local clock offset: -18.665 ms
Remote clock offset: 0.796 ms

Below is generated by plot.py at 2018-03-06 11:00:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 114.91 Mbit/s
95th percentile per-packet one-way delay: 18.768 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 114.91 Mbit/s
95th percentile per-packet one-way delay: 18.768 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

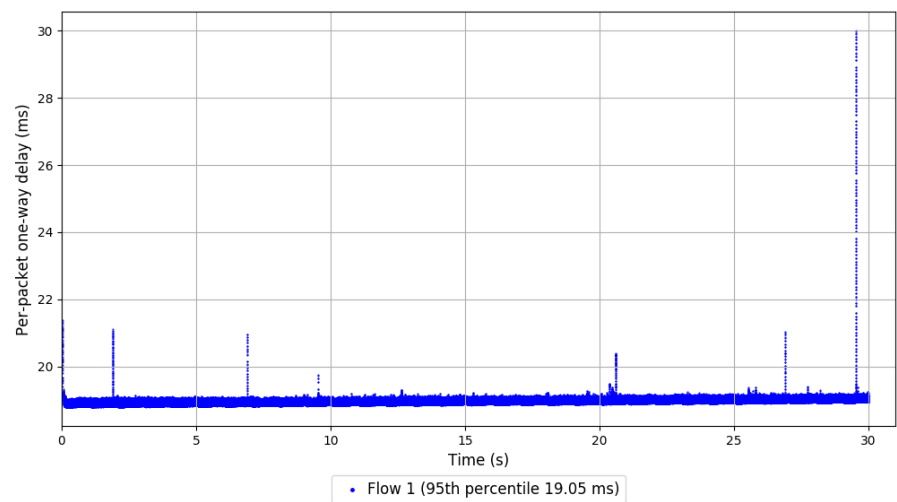
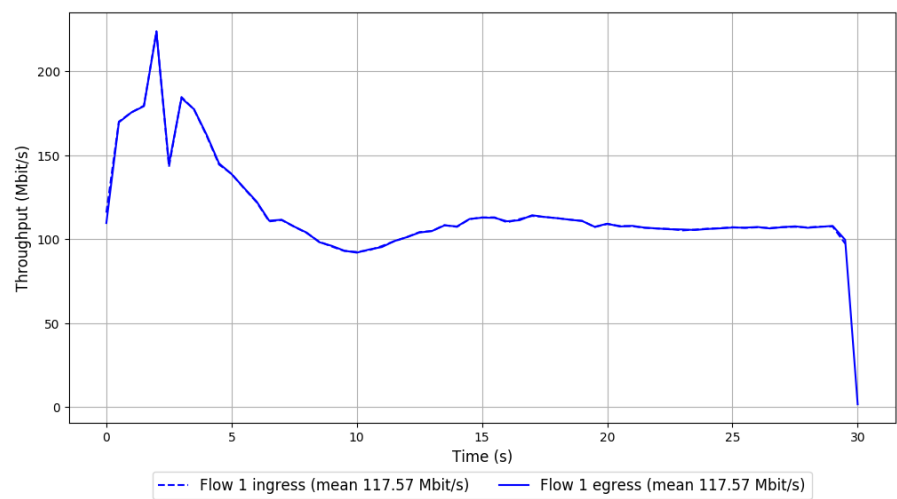


Run 9: Statistics of Copa

Start at: 2018-03-06 07:05:12
End at: 2018-03-06 07:05:42
Local clock offset: -4.245 ms
Remote clock offset: -0.364 ms

Below is generated by plot.py at 2018-03-06 11:00:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 117.57 Mbit/s
95th percentile per-packet one-way delay: 19.050 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 117.57 Mbit/s
95th percentile per-packet one-way delay: 19.050 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

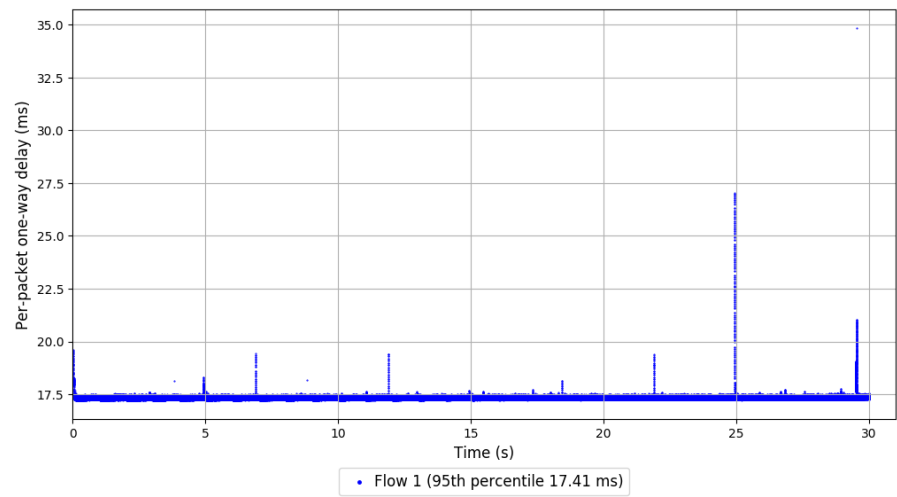
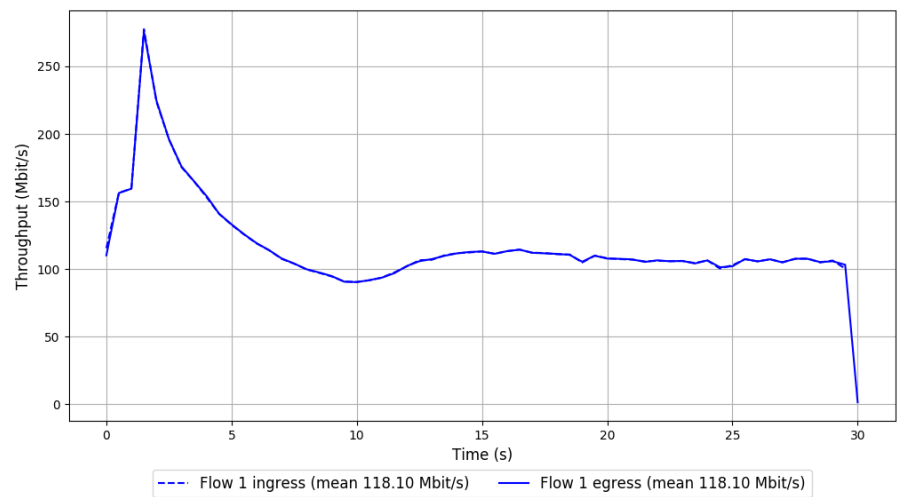


Run 10: Statistics of Copa

Start at: 2018-03-06 07:32:46
End at: 2018-03-06 07:33:16
Local clock offset: 2.058 ms
Remote clock offset: -0.458 ms

Below is generated by plot.py at 2018-03-06 11:00:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 118.10 Mbit/s
95th percentile per-packet one-way delay: 17.410 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 118.10 Mbit/s
95th percentile per-packet one-way delay: 17.410 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link



Run 1: Statistics of FillP

Start at: 2018-03-06 03:23:43

End at: 2018-03-06 03:24:13

Local clock offset: 2.724 ms

Remote clock offset: -0.901 ms

Below is generated by plot.py at 2018-03-06 11:05:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 865.54 Mbit/s

95th percentile per-packet one-way delay: 50.956 ms

Loss rate: 9.52%

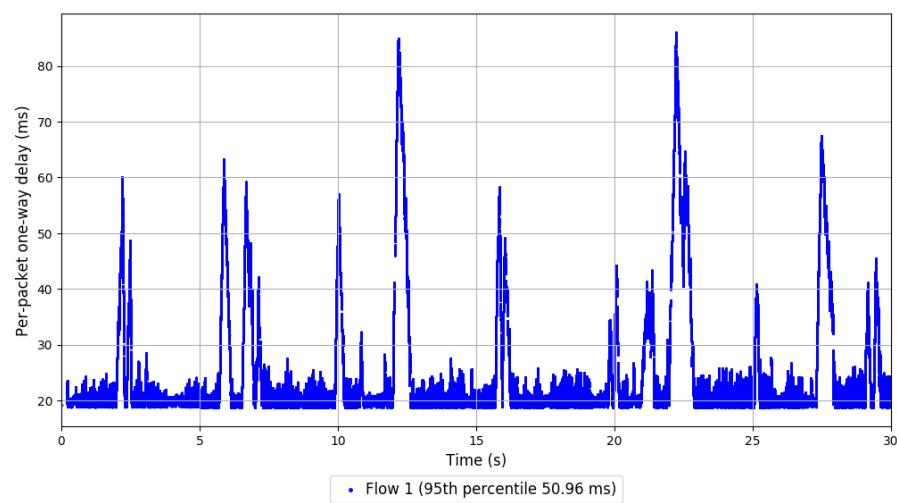
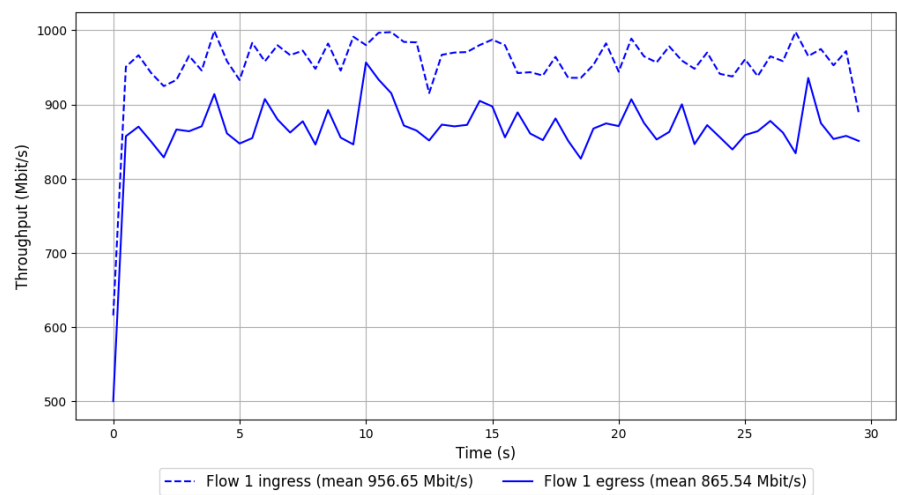
-- Flow 1:

Average throughput: 865.54 Mbit/s

95th percentile per-packet one-way delay: 50.956 ms

Loss rate: 9.52%

Run 1: Report of FillP — Data Link

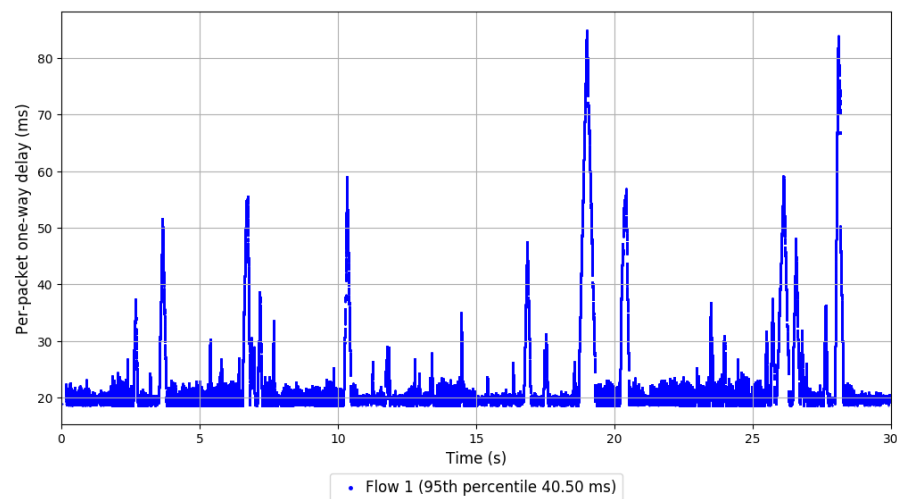
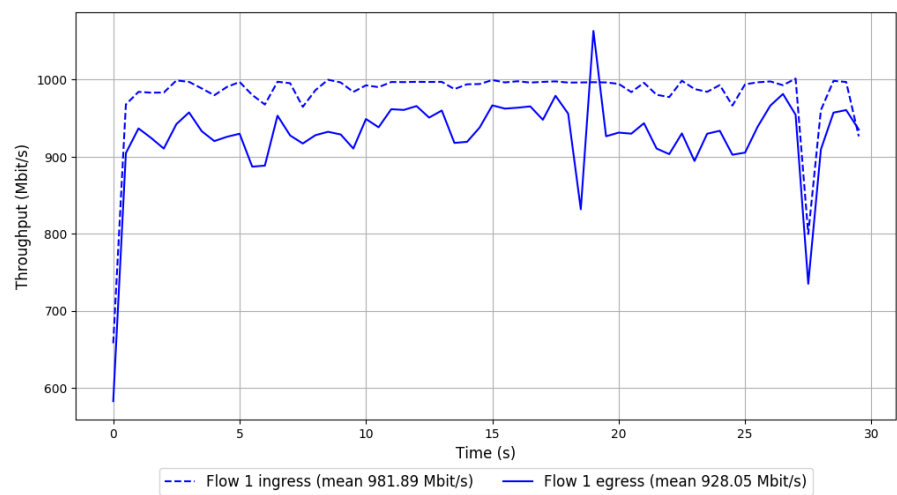


Run 2: Statistics of FillP

Start at: 2018-03-06 03:50:54
End at: 2018-03-06 03:51:24
Local clock offset: 3.082 ms
Remote clock offset: -0.121 ms

Below is generated by plot.py at 2018-03-06 11:07:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 928.05 Mbit/s
95th percentile per-packet one-way delay: 40.504 ms
Loss rate: 5.48%
-- Flow 1:
Average throughput: 928.05 Mbit/s
95th percentile per-packet one-way delay: 40.504 ms
Loss rate: 5.48%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-03-06 04:18:26

End at: 2018-03-06 04:18:56

Local clock offset: 1.739 ms

Remote clock offset: 3.425 ms

Below is generated by plot.py at 2018-03-06 11:07:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 951.29 Mbit/s

95th percentile per-packet one-way delay: 47.617 ms

Loss rate: 4.07%

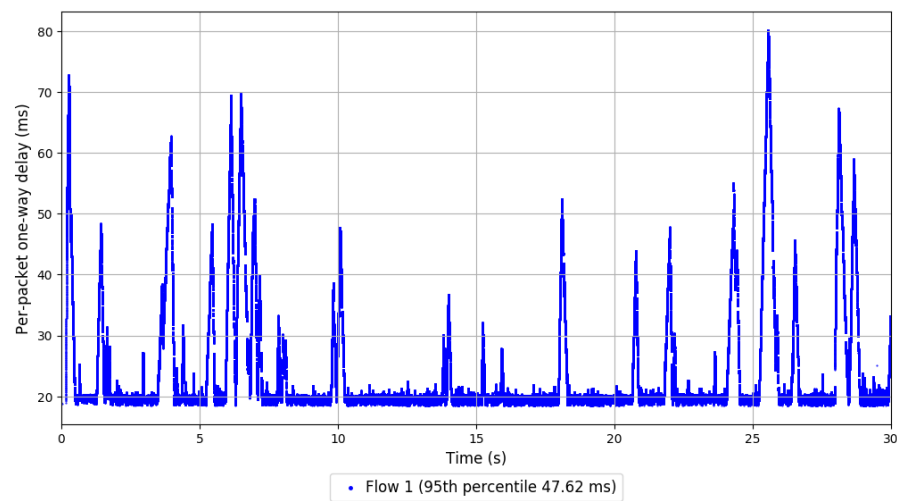
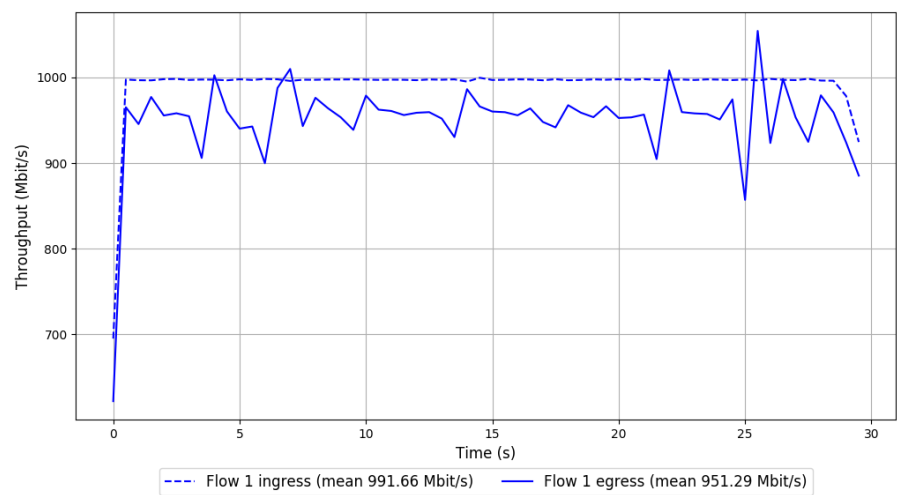
-- Flow 1:

Average throughput: 951.29 Mbit/s

95th percentile per-packet one-way delay: 47.617 ms

Loss rate: 4.07%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-03-06 04:46:00

End at: 2018-03-06 04:46:30

Local clock offset: 0.795 ms

Remote clock offset: 2.667 ms

Below is generated by plot.py at 2018-03-06 11:08:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 953.41 Mbit/s

95th percentile per-packet one-way delay: 61.705 ms

Loss rate: 3.87%

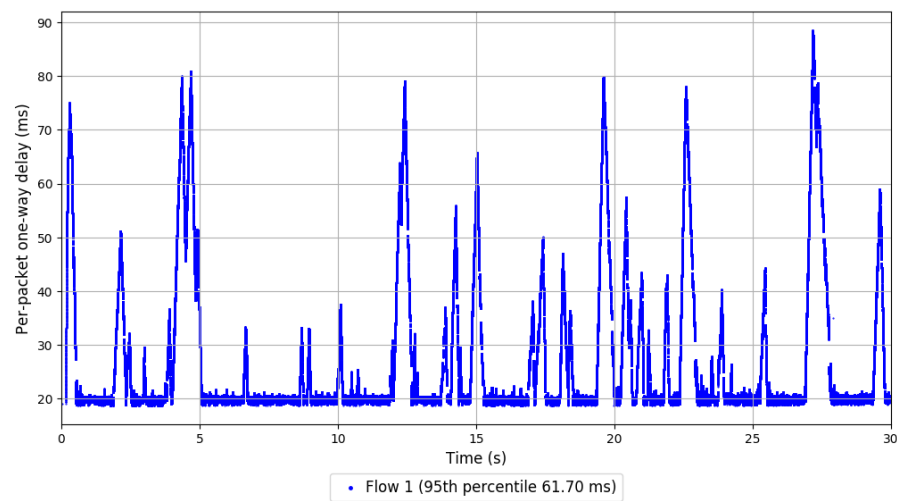
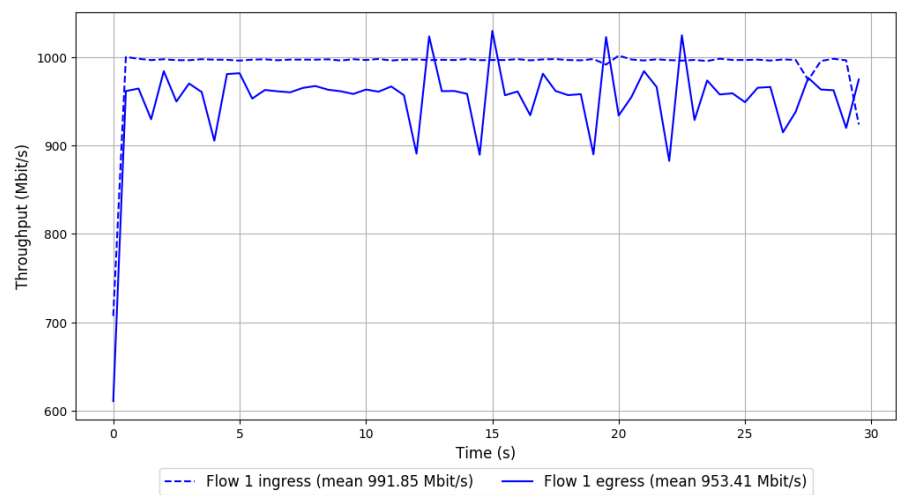
-- Flow 1:

Average throughput: 953.41 Mbit/s

95th percentile per-packet one-way delay: 61.705 ms

Loss rate: 3.87%

Run 4: Report of FillP — Data Link

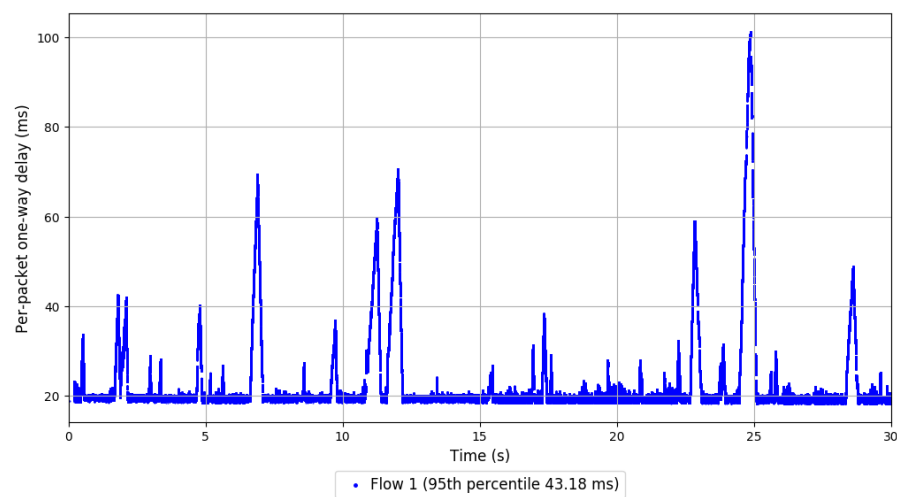
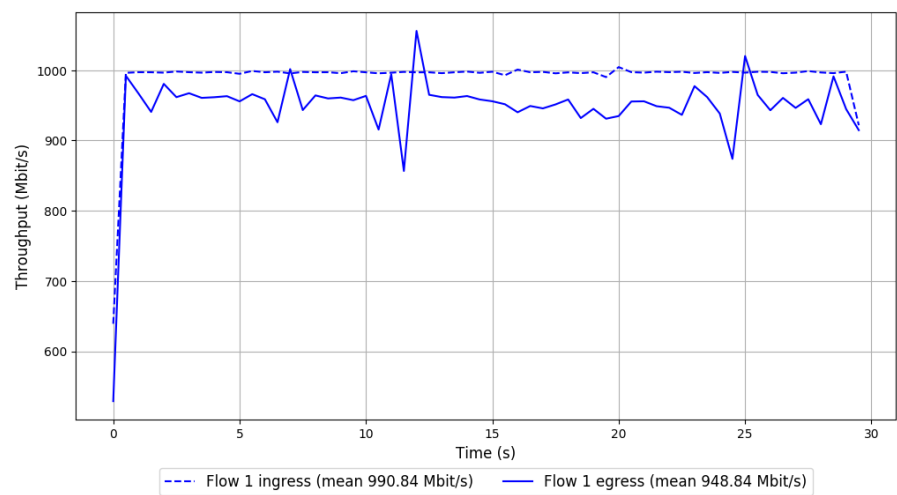


Run 5: Statistics of FillP

Start at: 2018-03-06 05:13:38
End at: 2018-03-06 05:14:08
Local clock offset: -5.099 ms
Remote clock offset: -0.399 ms

Below is generated by plot.py at 2018-03-06 11:08:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 948.84 Mbit/s
95th percentile per-packet one-way delay: 43.178 ms
Loss rate: 4.24%
-- Flow 1:
Average throughput: 948.84 Mbit/s
95th percentile per-packet one-way delay: 43.178 ms
Loss rate: 4.24%

Run 5: Report of FillP — Data Link

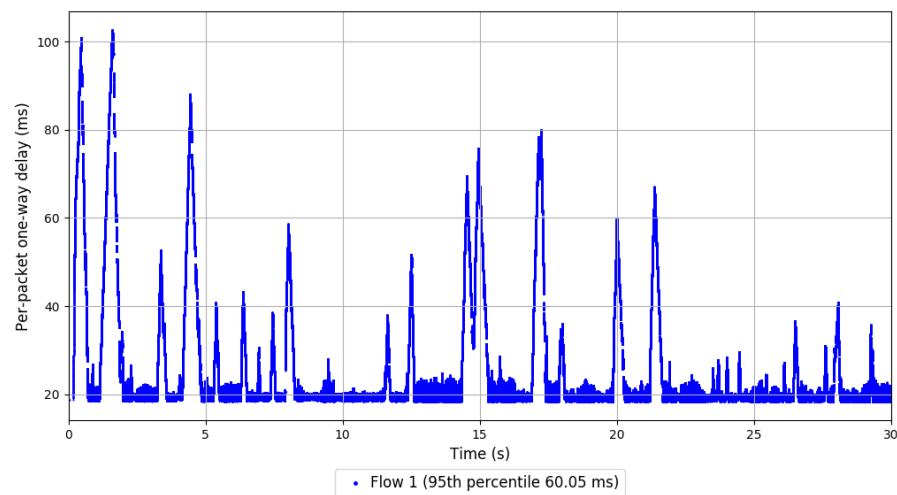
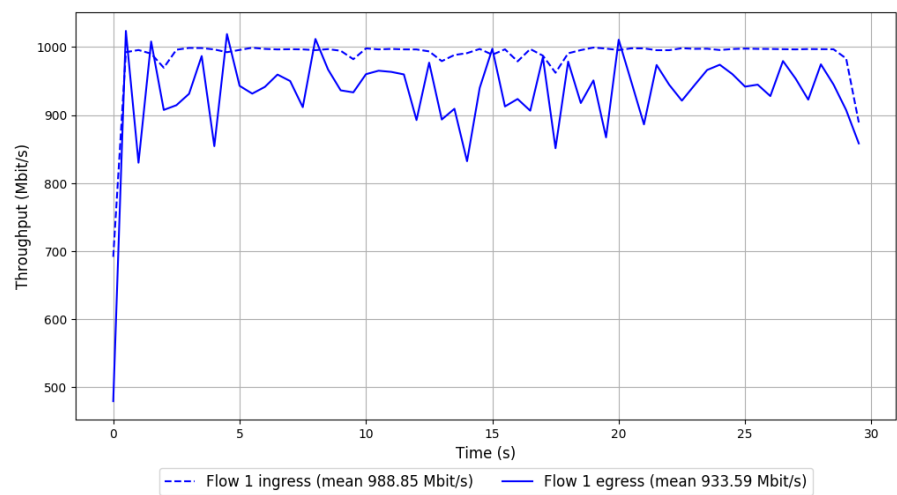


Run 6: Statistics of FillP

Start at: 2018-03-06 05:40:55
End at: 2018-03-06 05:41:25
Local clock offset: -10.599 ms
Remote clock offset: 6.433 ms

Below is generated by plot.py at 2018-03-06 11:08:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 933.59 Mbit/s
95th percentile per-packet one-way delay: 60.053 ms
Loss rate: 5.59%
-- Flow 1:
Average throughput: 933.59 Mbit/s
95th percentile per-packet one-way delay: 60.053 ms
Loss rate: 5.59%

Run 6: Report of FillP — Data Link

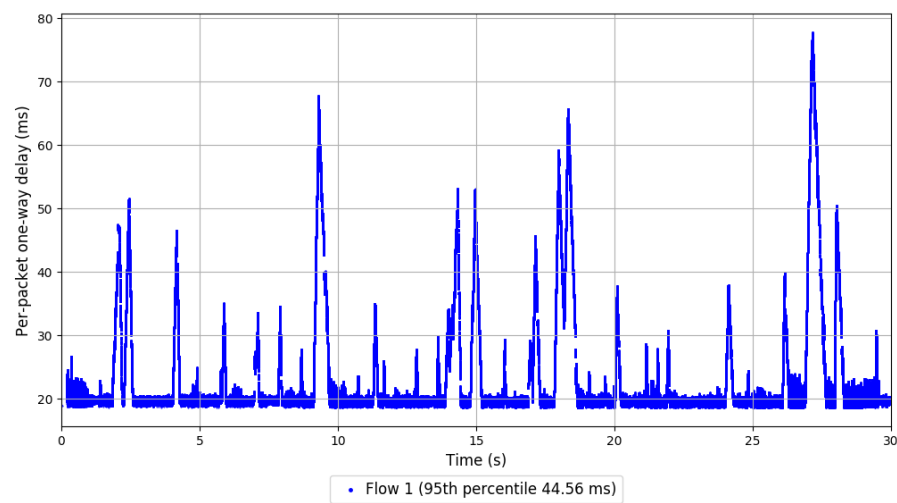
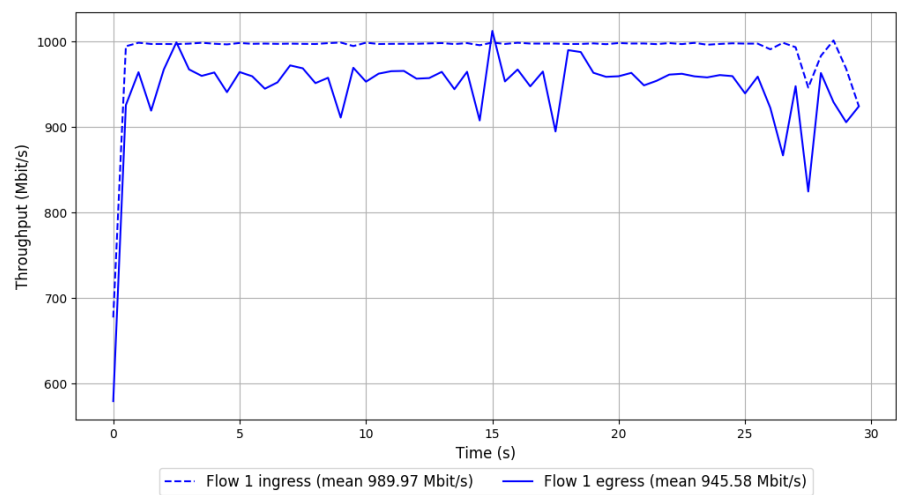


Run 7: Statistics of FillP

Start at: 2018-03-06 06:08:18
End at: 2018-03-06 06:08:48
Local clock offset: -14.575 ms
Remote clock offset: 5.333 ms

Below is generated by plot.py at 2018-03-06 11:09:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 945.58 Mbit/s
95th percentile per-packet one-way delay: 44.563 ms
Loss rate: 4.49%
-- Flow 1:
Average throughput: 945.58 Mbit/s
95th percentile per-packet one-way delay: 44.563 ms
Loss rate: 4.49%

Run 7: Report of FillP — Data Link

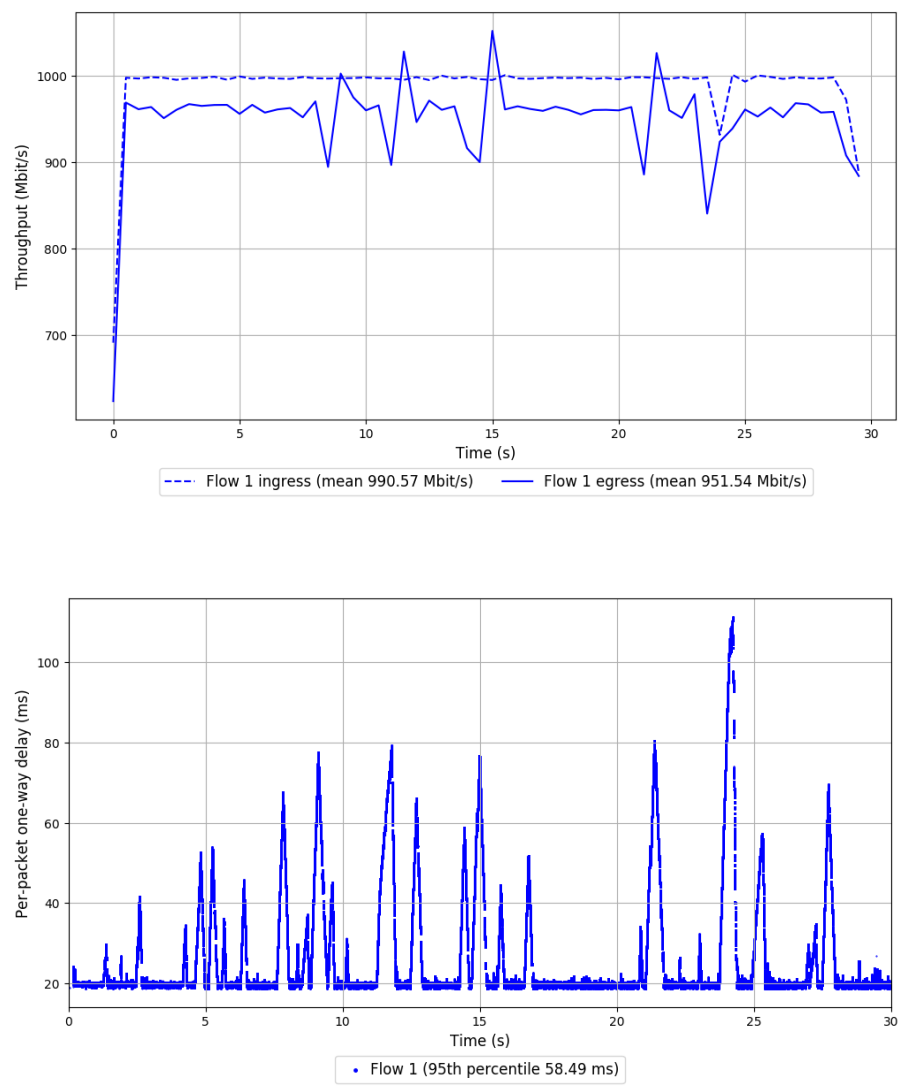


Run 8: Statistics of FillP

Start at: 2018-03-06 06:36:10
End at: 2018-03-06 06:36:40
Local clock offset: -18.417 ms
Remote clock offset: 1.103 ms

Below is generated by plot.py at 2018-03-06 11:16:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 951.54 Mbit/s
95th percentile per-packet one-way delay: 58.486 ms
Loss rate: 3.94%
-- Flow 1:
Average throughput: 951.54 Mbit/s
95th percentile per-packet one-way delay: 58.486 ms
Loss rate: 3.94%

Run 8: Report of FillP — Data Link

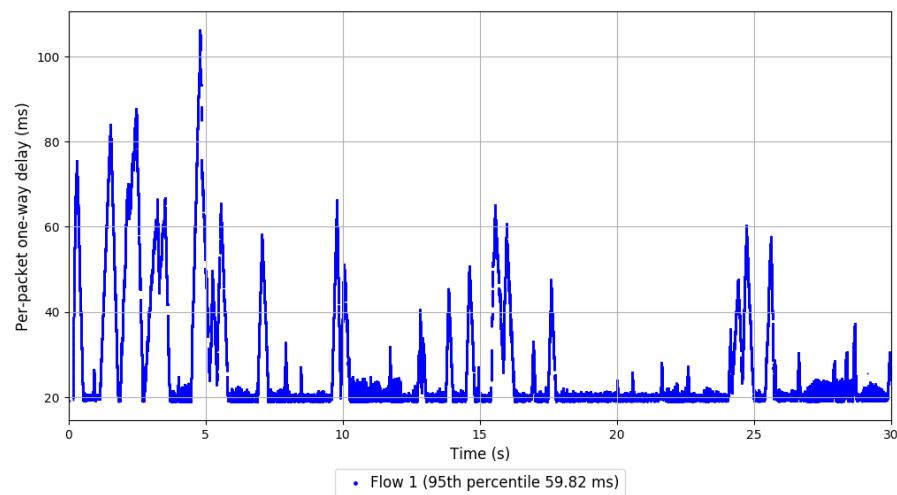
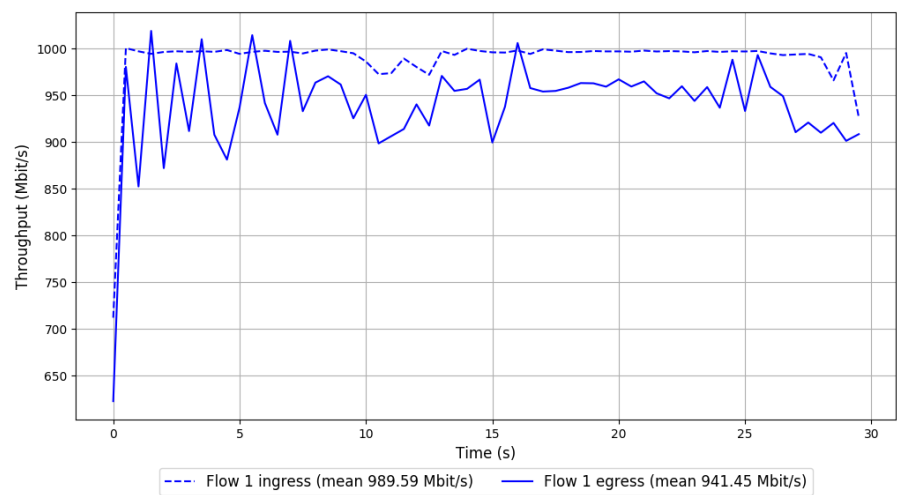


Run 9: Statistics of FillP

Start at: 2018-03-06 07:03:26
End at: 2018-03-06 07:03:56
Local clock offset: -4.779 ms
Remote clock offset: -0.344 ms

Below is generated by plot.py at 2018-03-06 11:20:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 941.45 Mbit/s
95th percentile per-packet one-way delay: 59.817 ms
Loss rate: 4.86%
-- Flow 1:
Average throughput: 941.45 Mbit/s
95th percentile per-packet one-way delay: 59.817 ms
Loss rate: 4.86%

Run 9: Report of FillP — Data Link

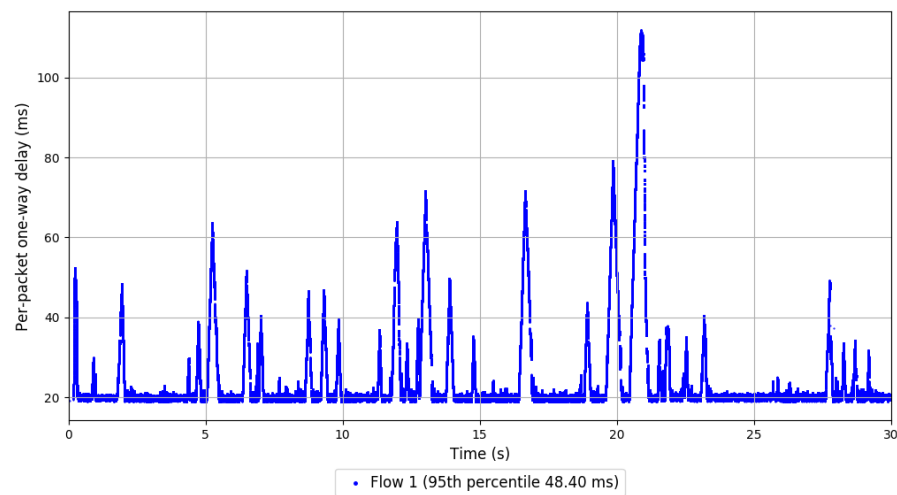
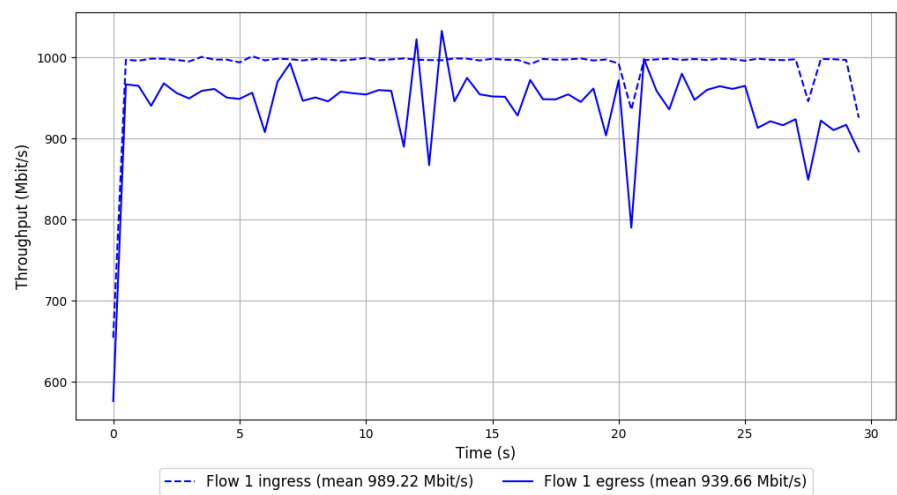


Run 10: Statistics of FillP

Start at: 2018-03-06 07:30:59
End at: 2018-03-06 07:31:29
Local clock offset: 1.598 ms
Remote clock offset: -0.653 ms

Below is generated by plot.py at 2018-03-06 11:21:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 939.66 Mbit/s
95th percentile per-packet one-way delay: 48.404 ms
Loss rate: 5.01%
-- Flow 1:
Average throughput: 939.66 Mbit/s
95th percentile per-packet one-way delay: 48.404 ms
Loss rate: 5.01%

Run 10: Report of FillP — Data Link

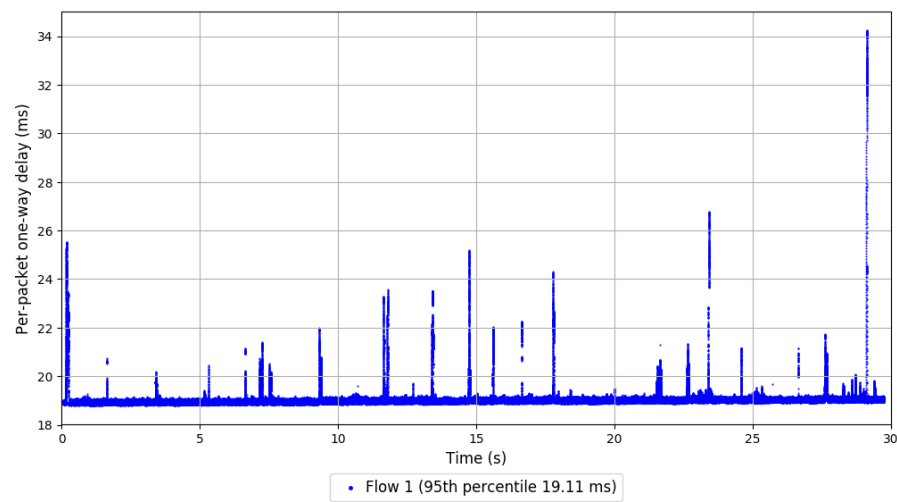
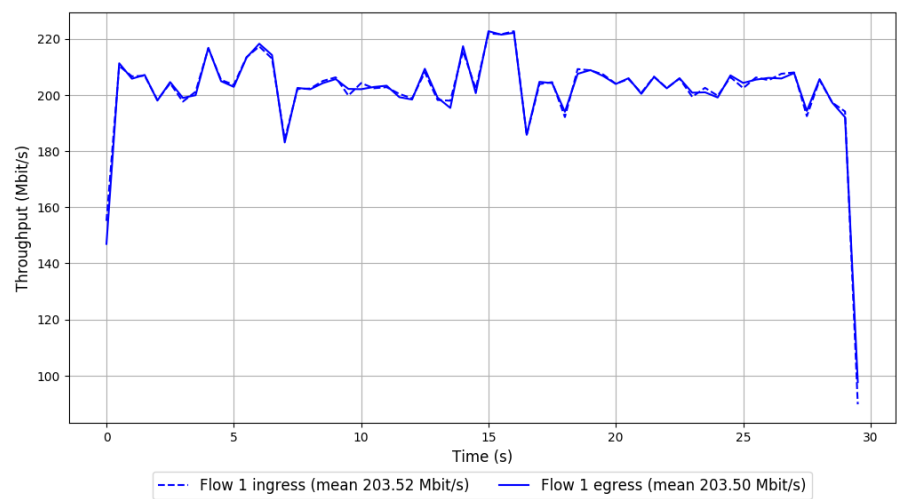


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-03-06 03:09:11
End at: 2018-03-06 03:09:41
Local clock offset: 2.396 ms
Remote clock offset: 1.344 ms

# Below is generated by plot.py at 2018-03-06 11:21:51
# Datalink statistics
-- Total of 1 flow:
Average throughput: 203.50 Mbit/s
95th percentile per-packet one-way delay: 19.112 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 203.50 Mbit/s
95th percentile per-packet one-way delay: 19.112 ms
Loss rate: 0.01%
```

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



Run 2: Statistics of Indigo-1-32

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

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

Local clock offset: 2.788 ms

Remote clock offset: -0.773 ms

Below is generated by plot.py at 2018-03-06 11:21:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 203.38 Mbit/s

95th percentile per-packet one-way delay: 18.766 ms

Loss rate: 0.01%

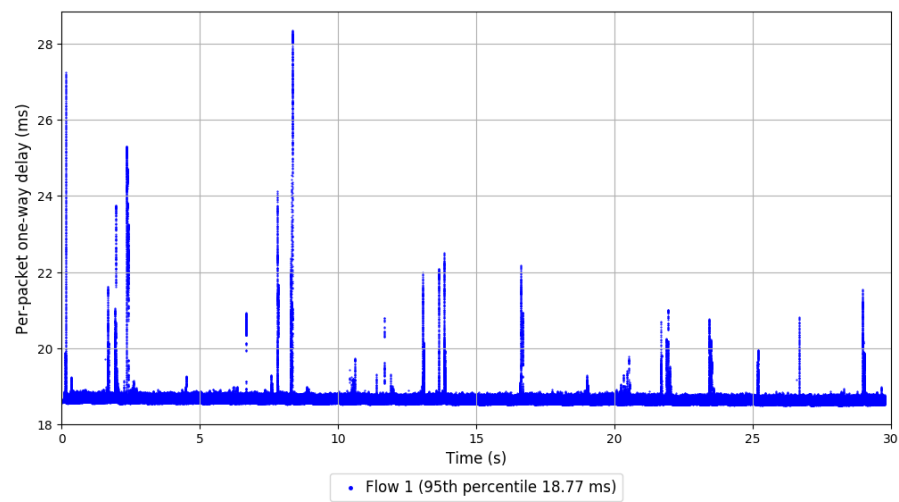
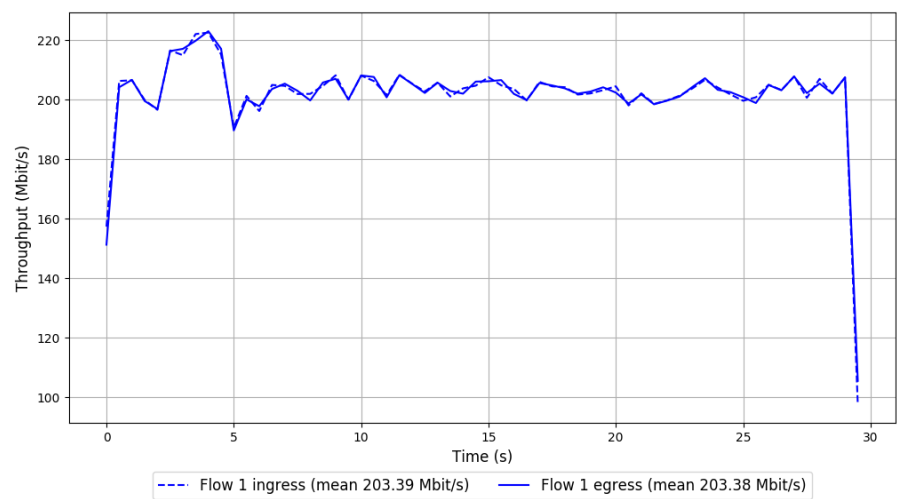
-- Flow 1:

Average throughput: 203.38 Mbit/s

95th percentile per-packet one-way delay: 18.766 ms

Loss rate: 0.01%

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



Run 3: Statistics of Indigo-1-32

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

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

Local clock offset: 2.1 ms

Remote clock offset: -0.272 ms

Below is generated by plot.py at 2018-03-06 11:21:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 203.19 Mbit/s

95th percentile per-packet one-way delay: 18.960 ms

Loss rate: 0.01%

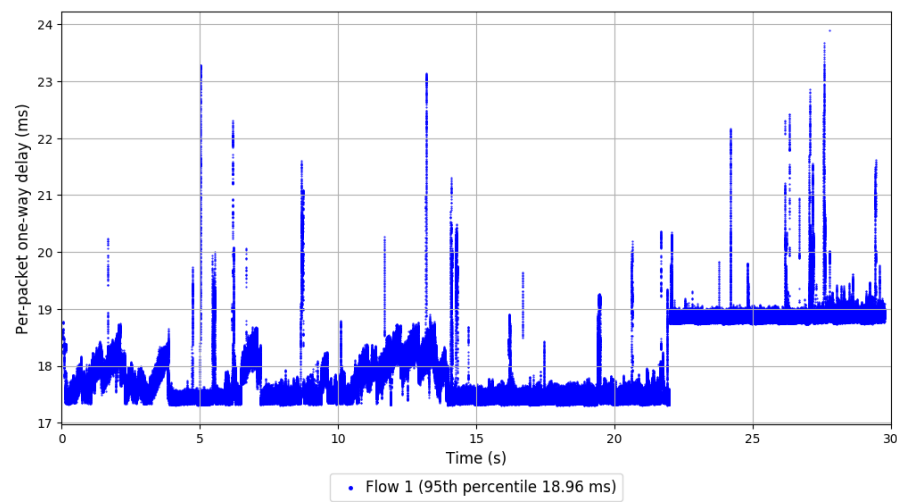
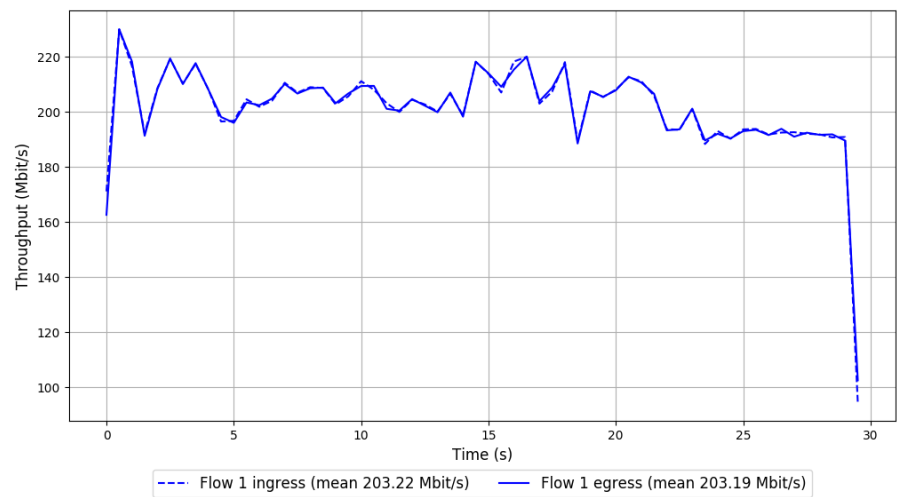
-- Flow 1:

Average throughput: 203.19 Mbit/s

95th percentile per-packet one-way delay: 18.960 ms

Loss rate: 0.01%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-03-06 04:31:22

End at: 2018-03-06 04:31:52

Local clock offset: 1.525 ms

Remote clock offset: 4.737 ms

Below is generated by plot.py at 2018-03-06 11:21:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 204.19 Mbit/s

95th percentile per-packet one-way delay: 18.800 ms

Loss rate: 0.00%

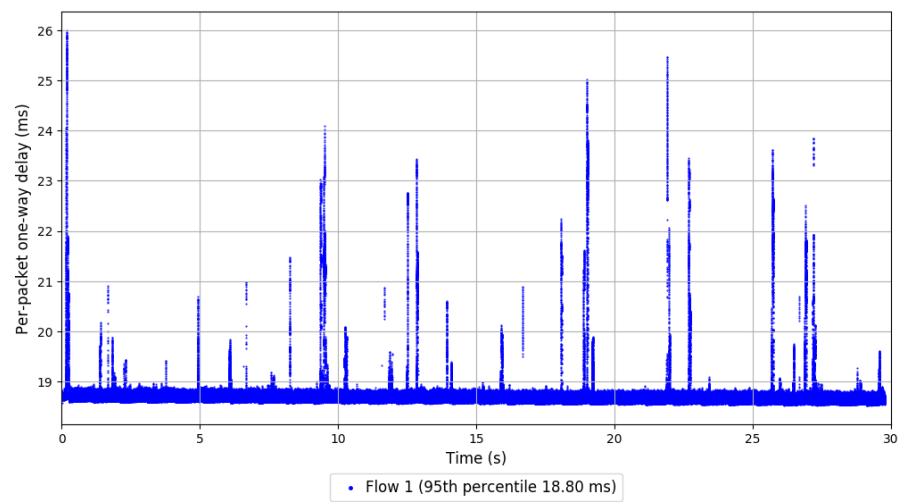
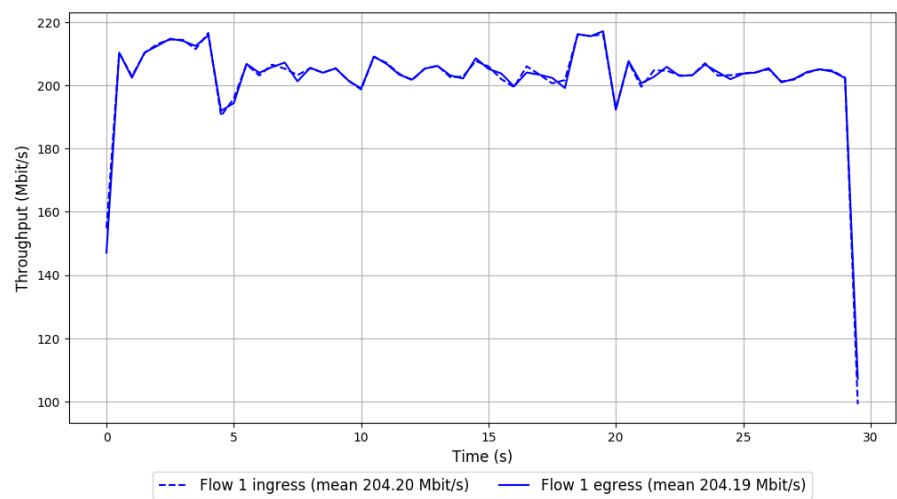
-- Flow 1:

Average throughput: 204.19 Mbit/s

95th percentile per-packet one-way delay: 18.800 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 04:58:39

End at: 2018-03-06 04:59:09

Local clock offset: 0.676 ms

Remote clock offset: 0.493 ms

Below is generated by plot.py at 2018-03-06 11:21:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 204.05 Mbit/s

95th percentile per-packet one-way delay: 18.861 ms

Loss rate: 0.00%

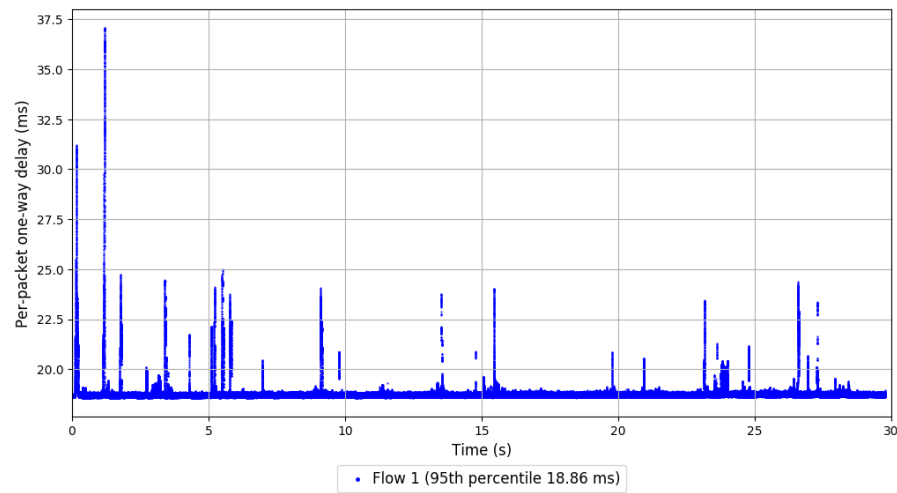
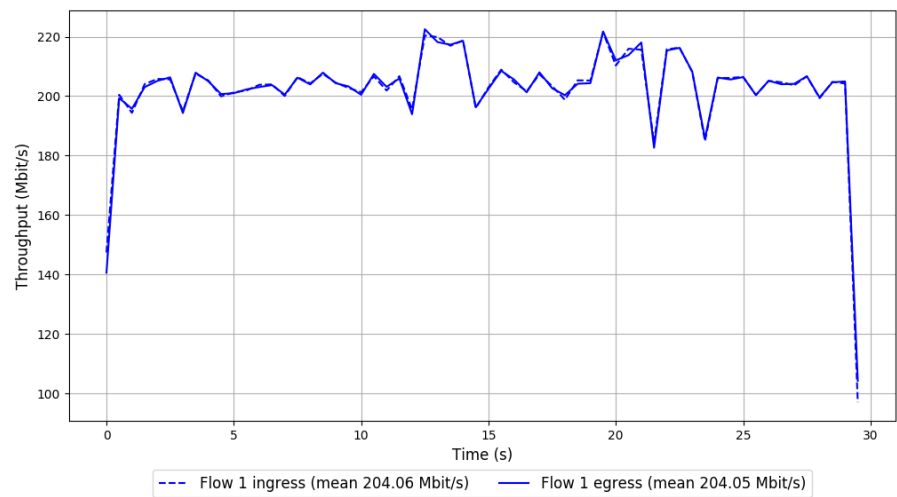
-- Flow 1:

Average throughput: 204.05 Mbit/s

95th percentile per-packet one-way delay: 18.861 ms

Loss rate: 0.00%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-03-06 05:26:13

End at: 2018-03-06 05:26:43

Local clock offset: -8.337 ms

Remote clock offset: 4.31 ms

Below is generated by plot.py at 2018-03-06 11:21:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 203.85 Mbit/s

95th percentile per-packet one-way delay: 18.746 ms

Loss rate: 0.00%

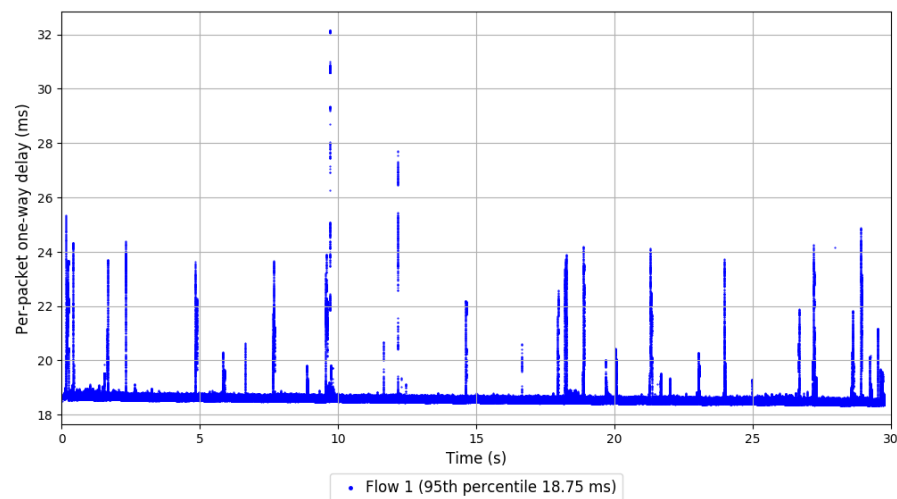
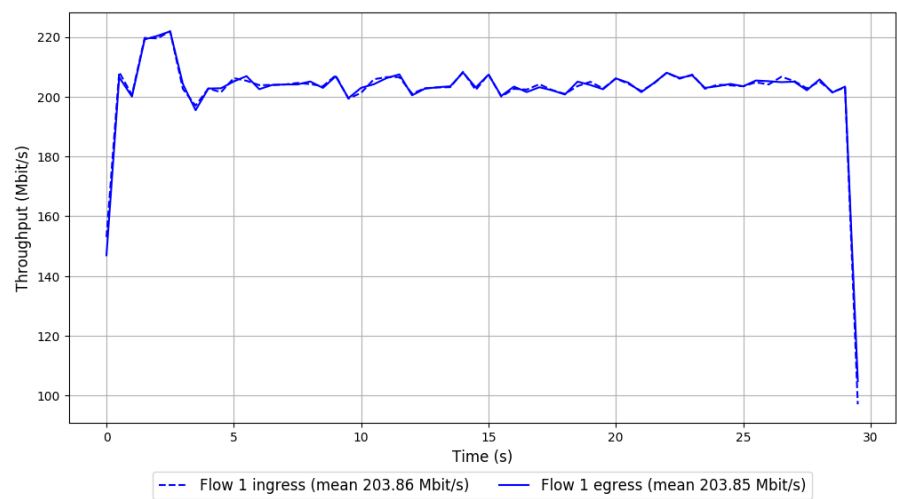
-- Flow 1:

Average throughput: 203.85 Mbit/s

95th percentile per-packet one-way delay: 18.746 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 05:53:37

End at: 2018-03-06 05:54:07

Local clock offset: -12.51 ms

Remote clock offset: 6.017 ms

Below is generated by plot.py at 2018-03-06 11:21:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 197.54 Mbit/s

95th percentile per-packet one-way delay: 18.203 ms

Loss rate: 0.05%

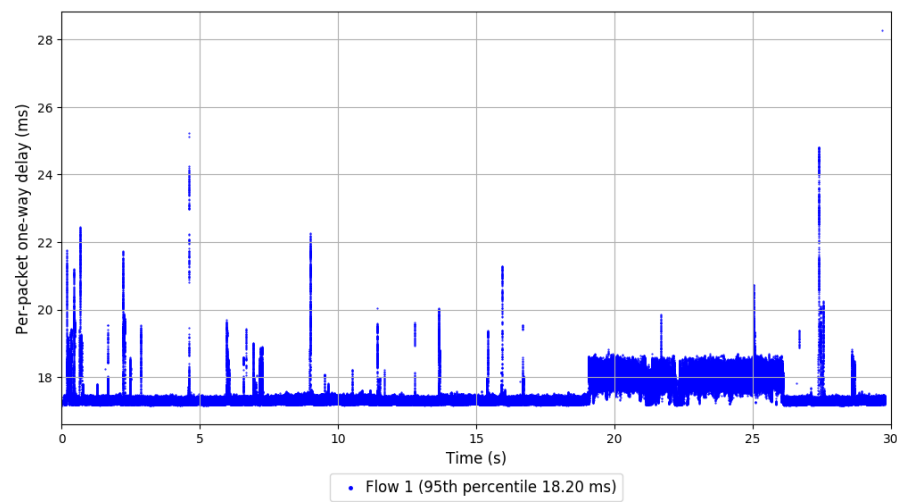
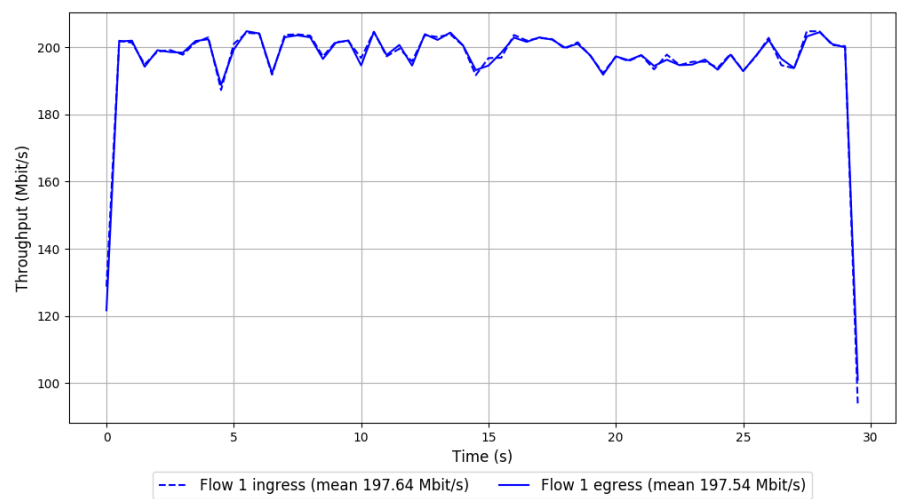
-- Flow 1:

Average throughput: 197.54 Mbit/s

95th percentile per-packet one-way delay: 18.203 ms

Loss rate: 0.05%

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

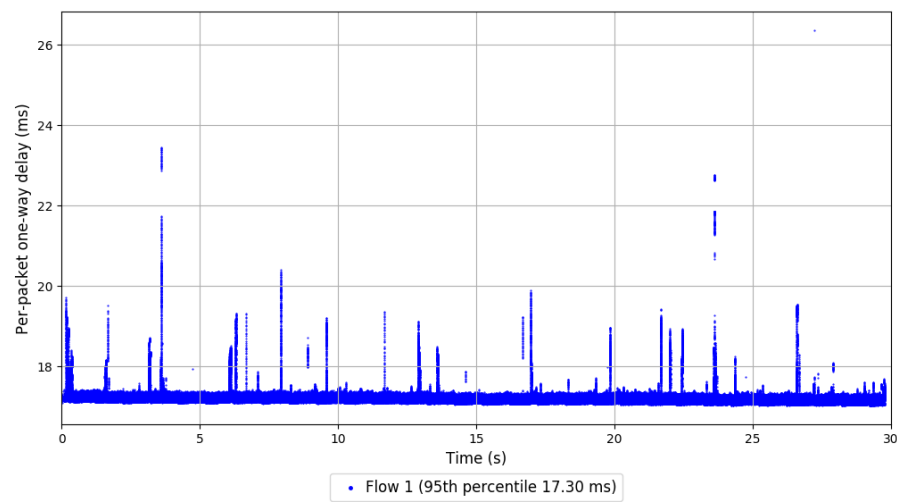
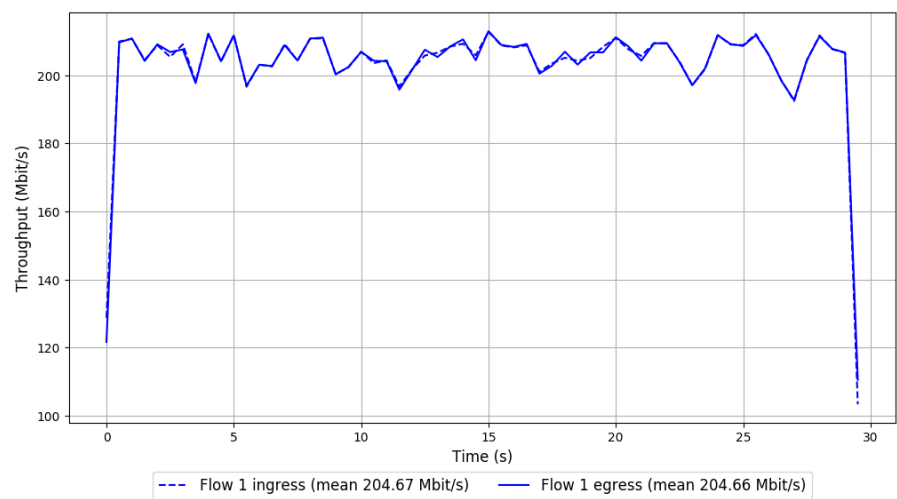


Run 8: Statistics of Indigo-1-32

Start at: 2018-03-06 06:21:18
End at: 2018-03-06 06:21:48
Local clock offset: -16.269 ms
Remote clock offset: 5.66 ms

Below is generated by plot.py at 2018-03-06 11:21:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 204.66 Mbit/s
95th percentile per-packet one-way delay: 17.301 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 204.66 Mbit/s
95th percentile per-packet one-way delay: 17.301 ms
Loss rate: 0.00%

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

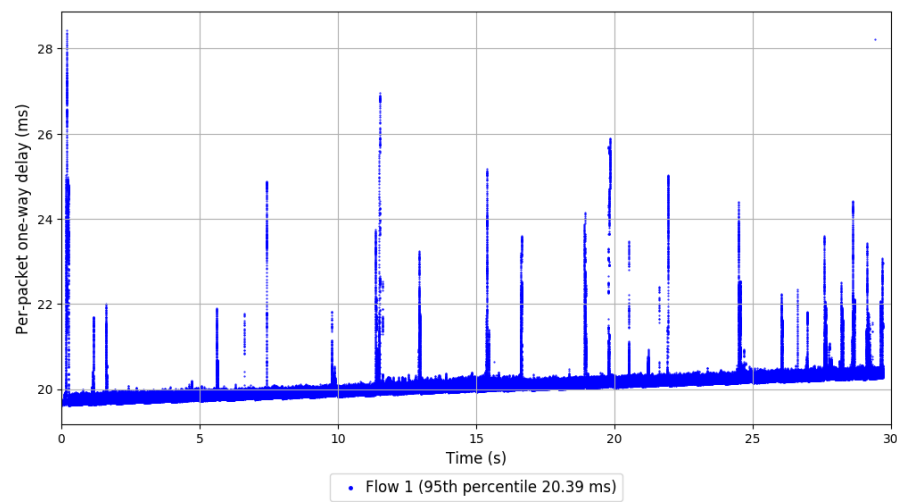
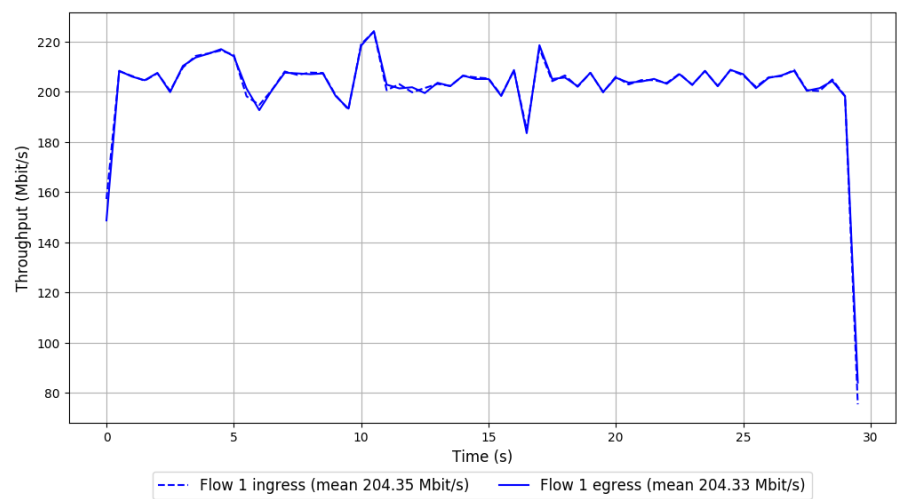


Run 9: Statistics of Indigo-1-32

Start at: 2018-03-06 06:48:51
End at: 2018-03-06 06:49:21
Local clock offset: -15.189 ms
Remote clock offset: -0.178 ms

Below is generated by plot.py at 2018-03-06 11:21:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 204.33 Mbit/s
95th percentile per-packet one-way delay: 20.389 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 204.33 Mbit/s
95th percentile per-packet one-way delay: 20.389 ms
Loss rate: 0.01%

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

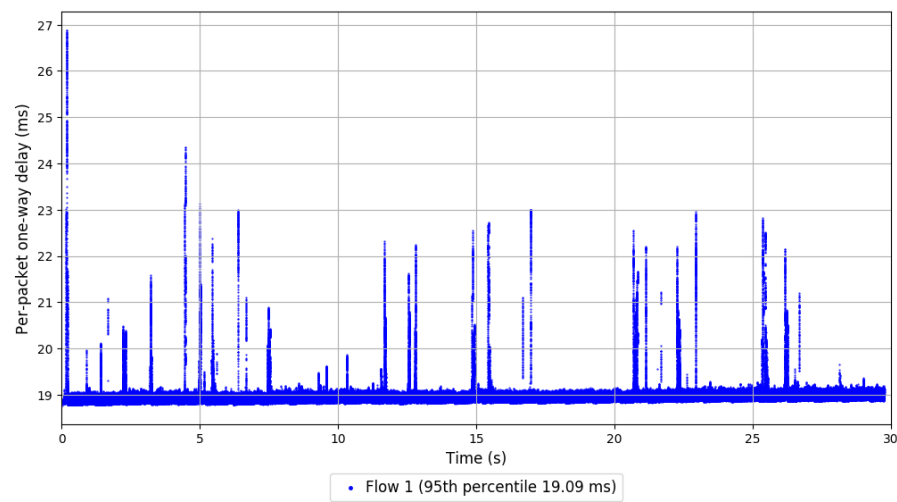
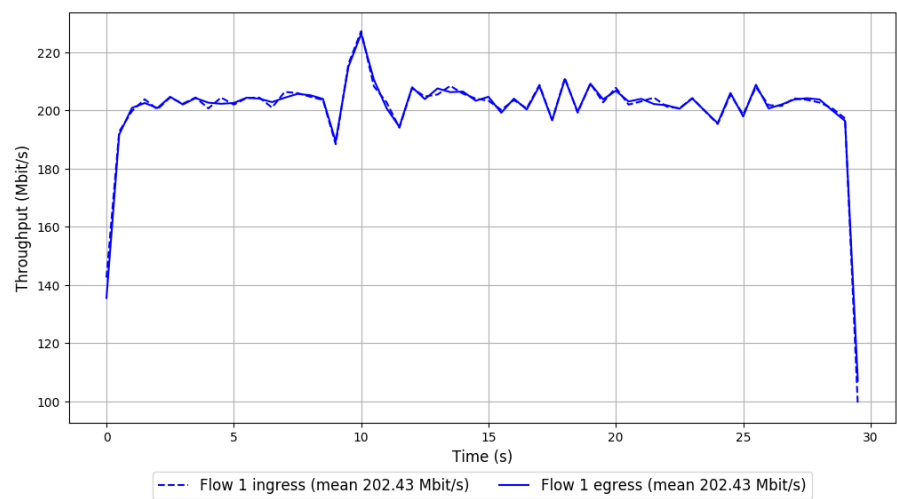


Run 10: Statistics of Indigo-1-32

Start at: 2018-03-06 07:16:05
End at: 2018-03-06 07:16:35
Local clock offset: -1.962 ms
Remote clock offset: -0.442 ms

Below is generated by plot.py at 2018-03-06 11:21:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 202.43 Mbit/s
95th percentile per-packet one-way delay: 19.092 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 202.43 Mbit/s
95th percentile per-packet one-way delay: 19.092 ms
Loss rate: 0.00%

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

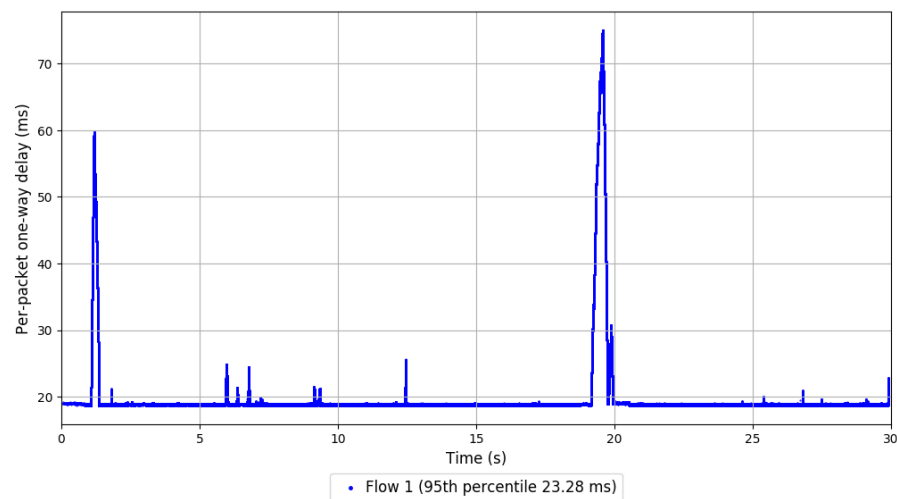
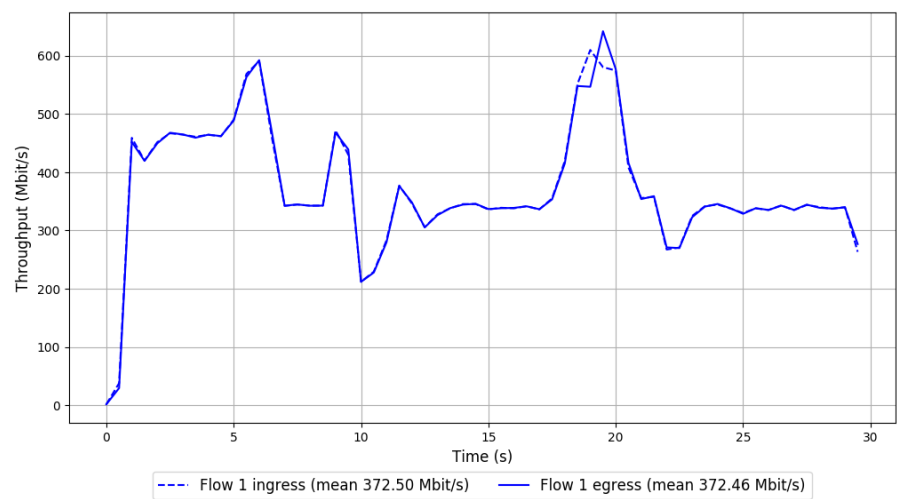


Run 1: Statistics of Vivace-latency

Start at: 2018-03-06 03:22:05
End at: 2018-03-06 03:22:35
Local clock offset: 2.884 ms
Remote clock offset: -0.657 ms

Below is generated by plot.py at 2018-03-06 11:21:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 372.46 Mbit/s
95th percentile per-packet one-way delay: 23.282 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 372.46 Mbit/s
95th percentile per-packet one-way delay: 23.282 ms
Loss rate: 0.01%

Run 1: Report of Vivace-latency — Data Link

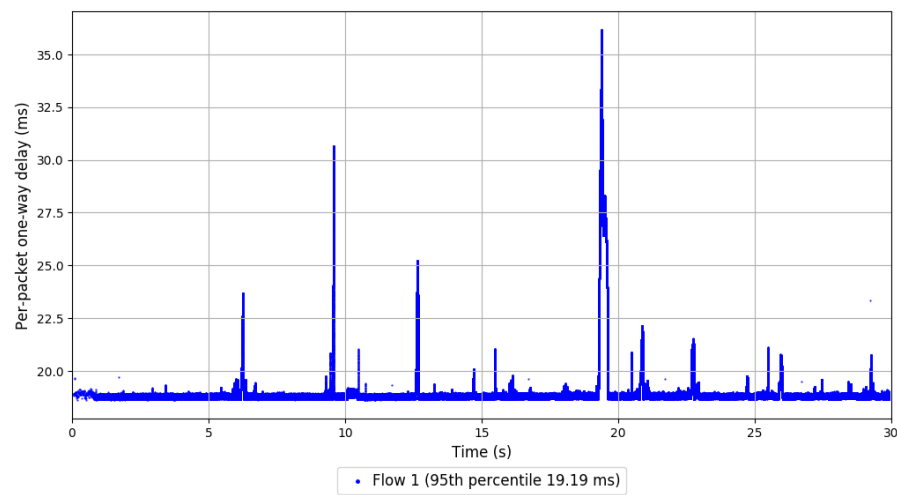
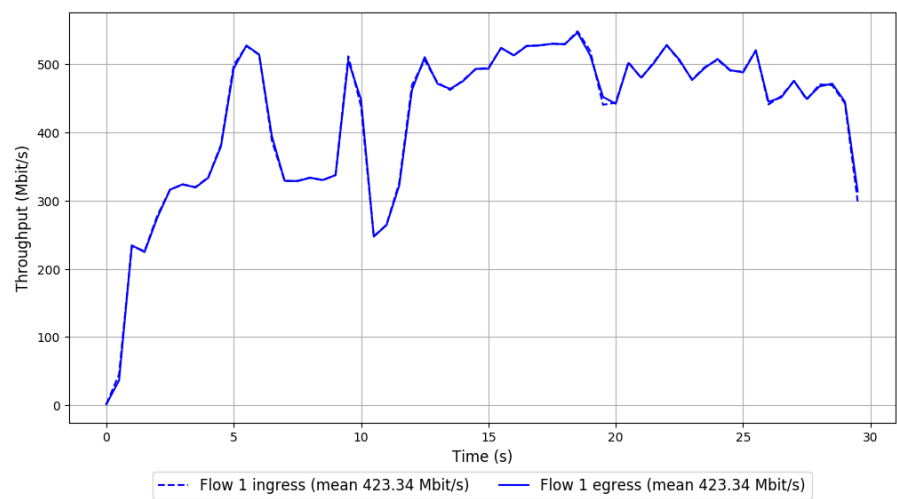


Run 2: Statistics of Vivace-latency

Start at: 2018-03-06 03:49:15
End at: 2018-03-06 03:49:45
Local clock offset: 2.934 ms
Remote clock offset: -0.148 ms

Below is generated by plot.py at 2018-03-06 11:21:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 423.34 Mbit/s
95th percentile per-packet one-way delay: 19.186 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 423.34 Mbit/s
95th percentile per-packet one-way delay: 19.186 ms
Loss rate: 0.00%

Run 2: Report of Vivace-latency — Data Link



Run 3: Statistics of Vivace-latency

Start at: 2018-03-06 04:16:44

End at: 2018-03-06 04:17:14

Local clock offset: 1.688 ms

Remote clock offset: 3.208 ms

Below is generated by plot.py at 2018-03-06 11:21:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 459.33 Mbit/s

95th percentile per-packet one-way delay: 25.026 ms

Loss rate: 0.00%

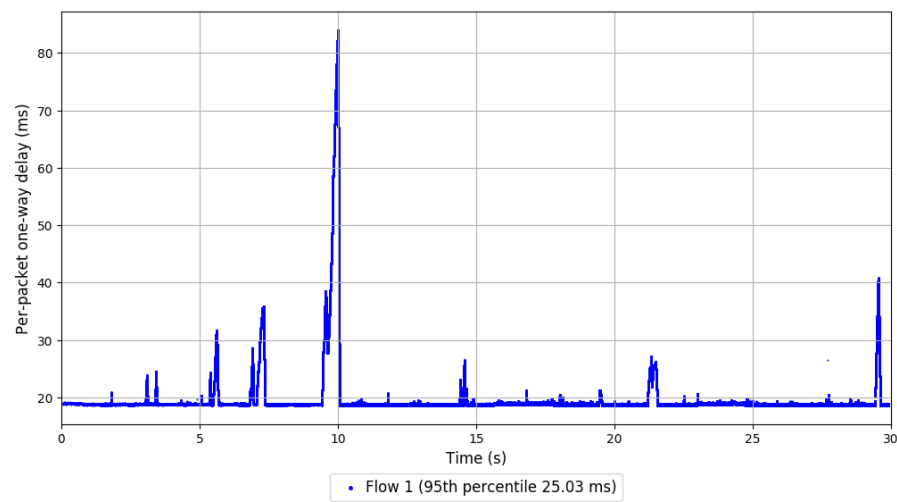
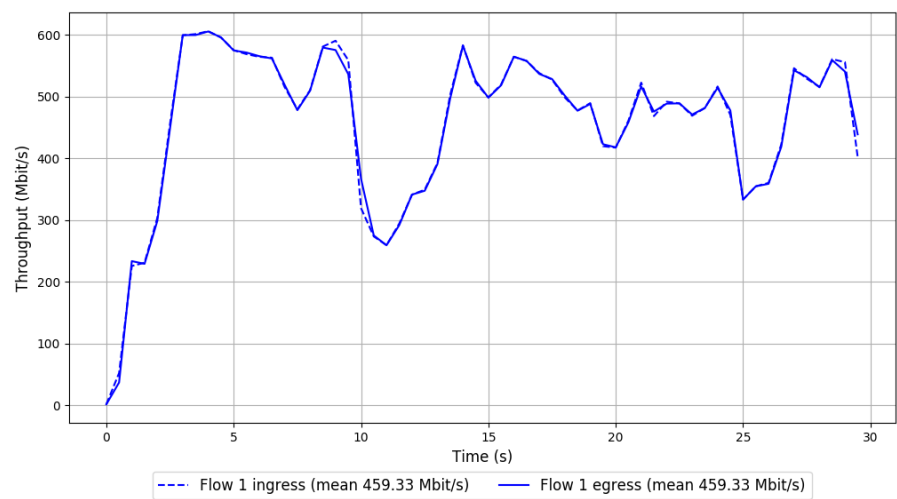
-- Flow 1:

Average throughput: 459.33 Mbit/s

95th percentile per-packet one-way delay: 25.026 ms

Loss rate: 0.00%

Run 3: Report of Vivace-latency — Data Link



Run 4: Statistics of Vivace-latency

Start at: 2018-03-06 04:44:21

End at: 2018-03-06 04:44:51

Local clock offset: 0.851 ms

Remote clock offset: 3.104 ms

Below is generated by plot.py at 2018-03-06 11:21:51

Datalink statistics

-- Total of 1 flow:

Average throughput: 411.51 Mbit/s

95th percentile per-packet one-way delay: 20.492 ms

Loss rate: 0.05%

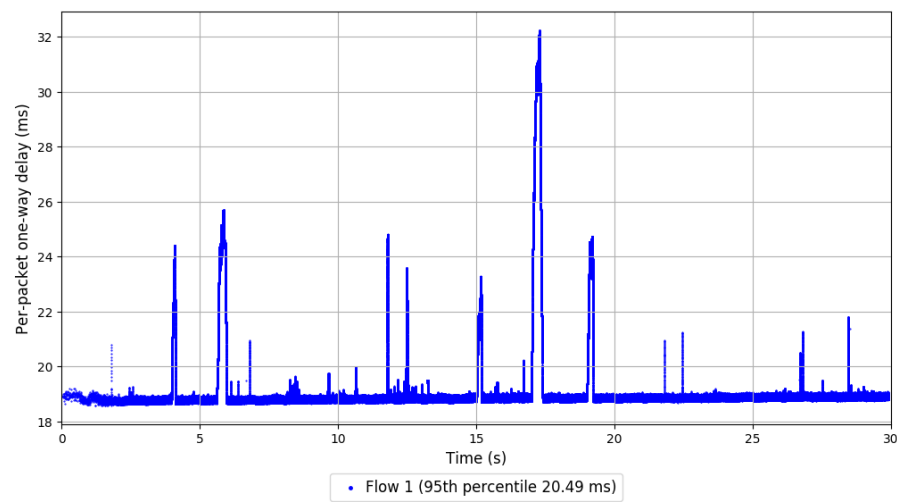
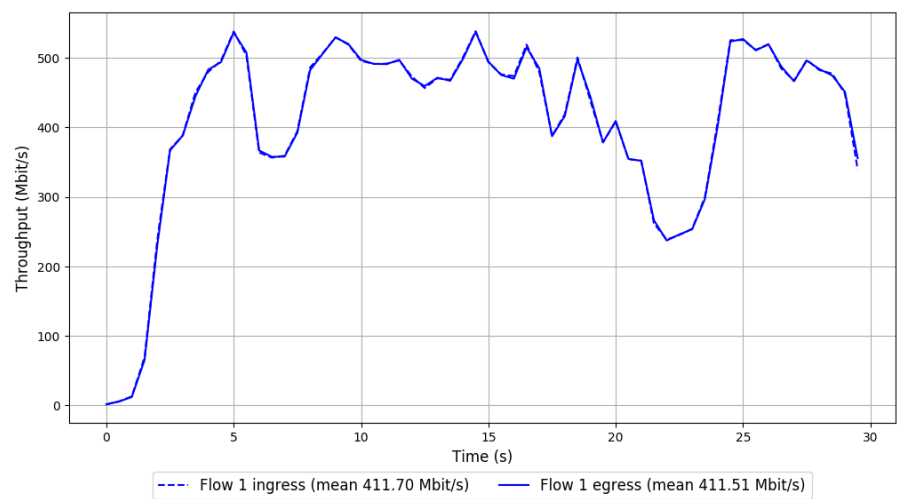
-- Flow 1:

Average throughput: 411.51 Mbit/s

95th percentile per-packet one-way delay: 20.492 ms

Loss rate: 0.05%

Run 4: Report of Vivace-latency — Data Link

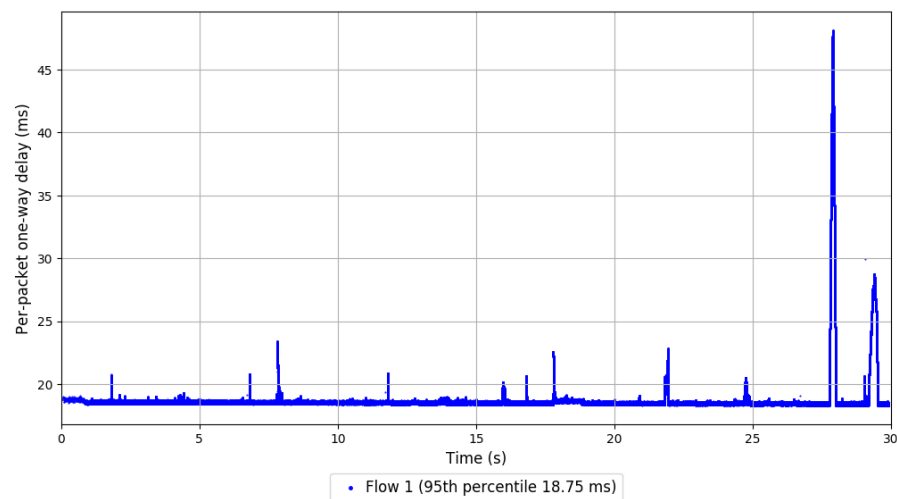
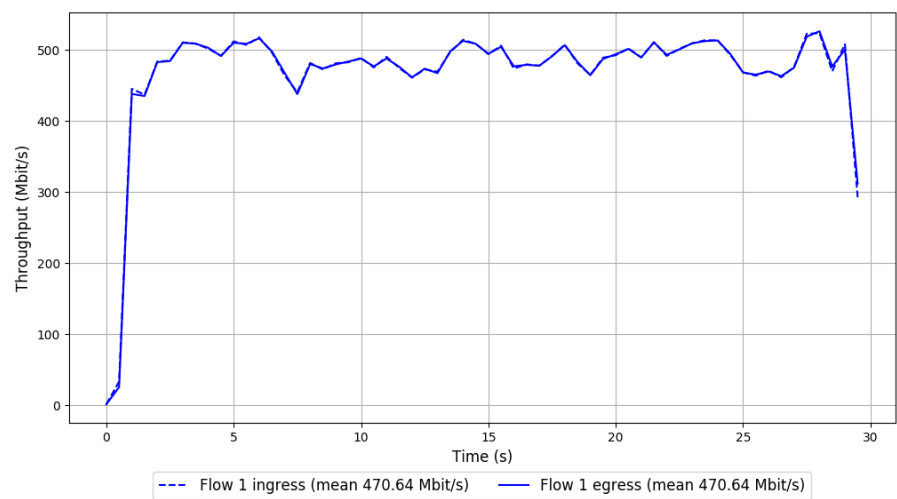


Run 5: Statistics of Vivace-latency

Start at: 2018-03-06 05:11:55
End at: 2018-03-06 05:12:25
Local clock offset: -4.482 ms
Remote clock offset: -0.366 ms

Below is generated by plot.py at 2018-03-06 11:22:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 470.64 Mbit/s
95th percentile per-packet one-way delay: 18.752 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 470.64 Mbit/s
95th percentile per-packet one-way delay: 18.752 ms
Loss rate: 0.00%

Run 5: Report of Vivace-latency — Data Link



Run 6: Statistics of Vivace-latency

Start at: 2018-03-06 05:39:13

End at: 2018-03-06 05:39:43

Local clock offset: -10.32 ms

Remote clock offset: 6.287 ms

Below is generated by plot.py at 2018-03-06 11:23:58

Datalink statistics

-- Total of 1 flow:

Average throughput: 457.37 Mbit/s

95th percentile per-packet one-way delay: 20.185 ms

Loss rate: 0.00%

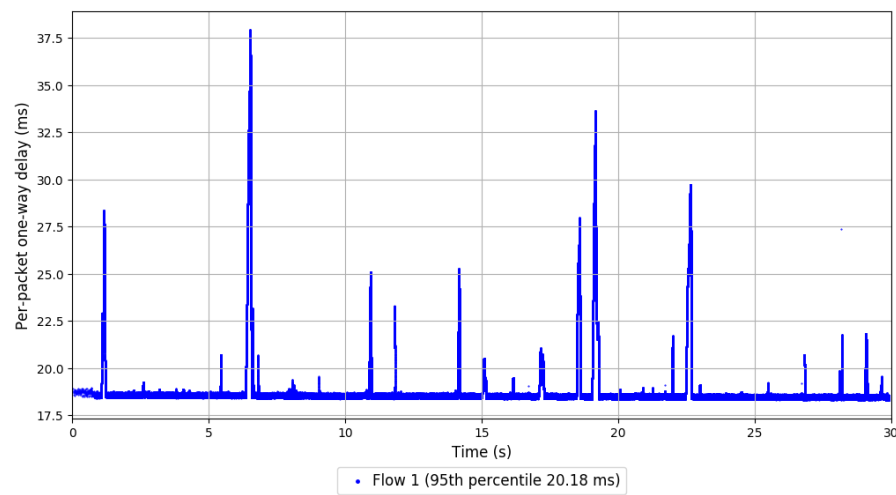
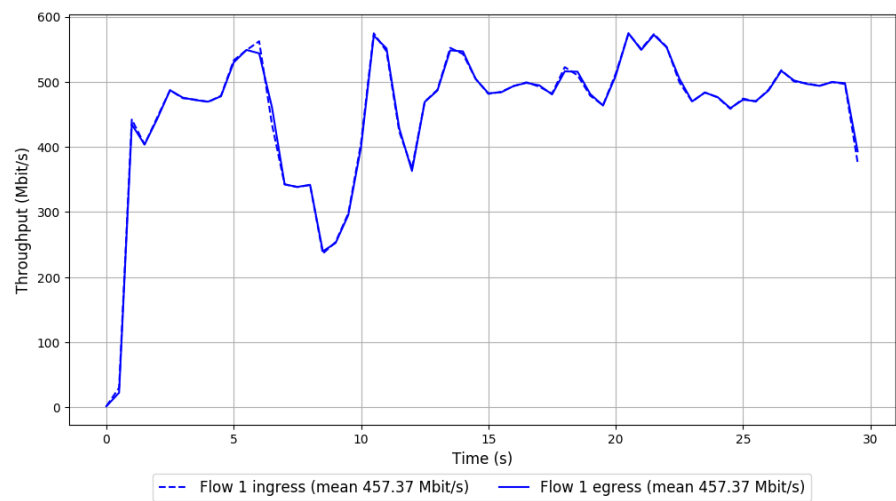
-- Flow 1:

Average throughput: 457.37 Mbit/s

95th percentile per-packet one-way delay: 20.185 ms

Loss rate: 0.00%

Run 6: Report of Vivace-latency — Data Link

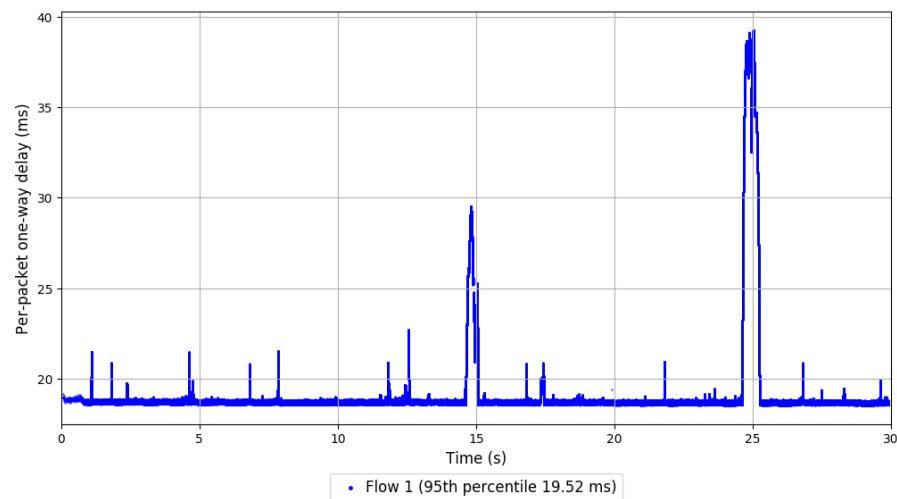
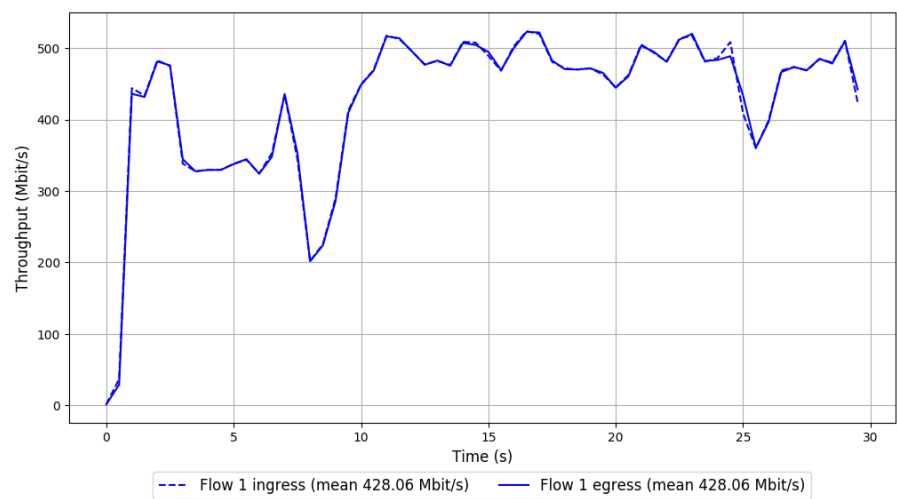


Run 7: Statistics of Vivace-latency

Start at: 2018-03-06 06:06:37
End at: 2018-03-06 06:07:07
Local clock offset: -14.362 ms
Remote clock offset: 5.279 ms

Below is generated by plot.py at 2018-03-06 11:25:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 428.06 Mbit/s
95th percentile per-packet one-way delay: 19.524 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 428.06 Mbit/s
95th percentile per-packet one-way delay: 19.524 ms
Loss rate: 0.01%

Run 7: Report of Vivace-latency — Data Link

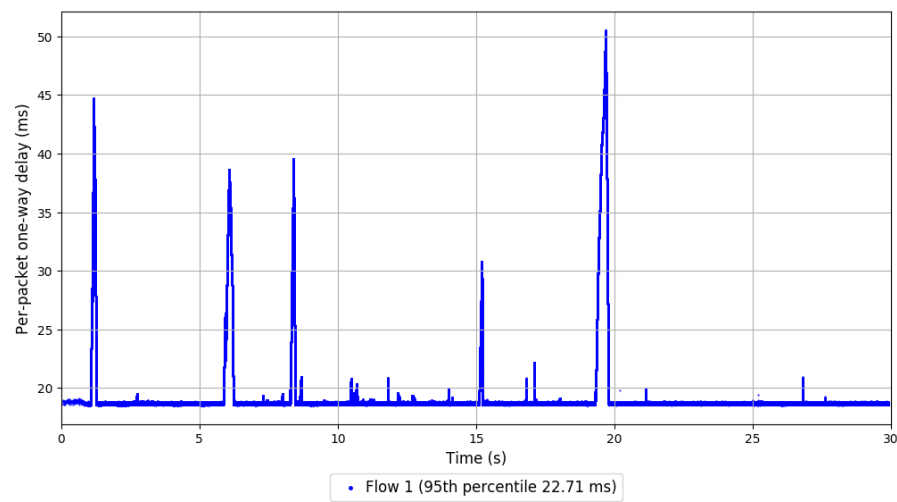
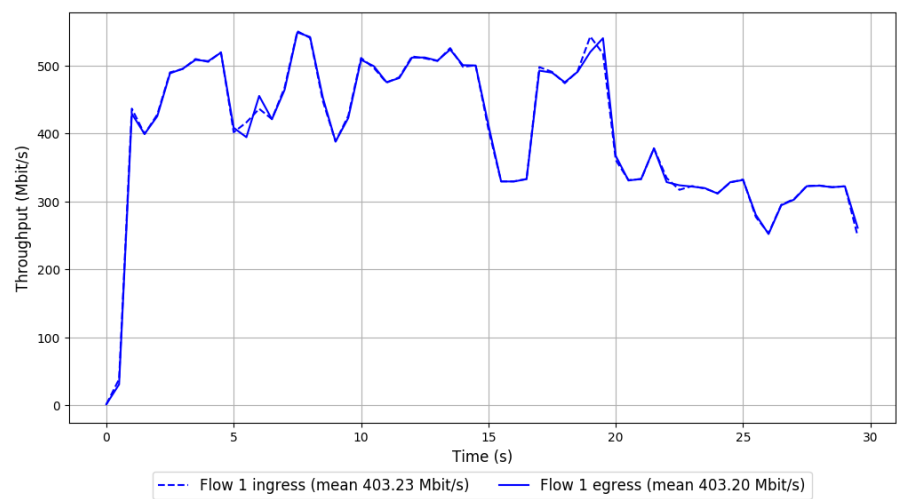


Run 8: Statistics of Vivace-latency

Start at: 2018-03-06 06:34:30
End at: 2018-03-06 06:35:00
Local clock offset: -18.117 ms
Remote clock offset: 1.327 ms

Below is generated by plot.py at 2018-03-06 11:26:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 403.20 Mbit/s
95th percentile per-packet one-way delay: 22.707 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 403.20 Mbit/s
95th percentile per-packet one-way delay: 22.707 ms
Loss rate: 0.01%

Run 8: Report of Vivace-latency — Data Link

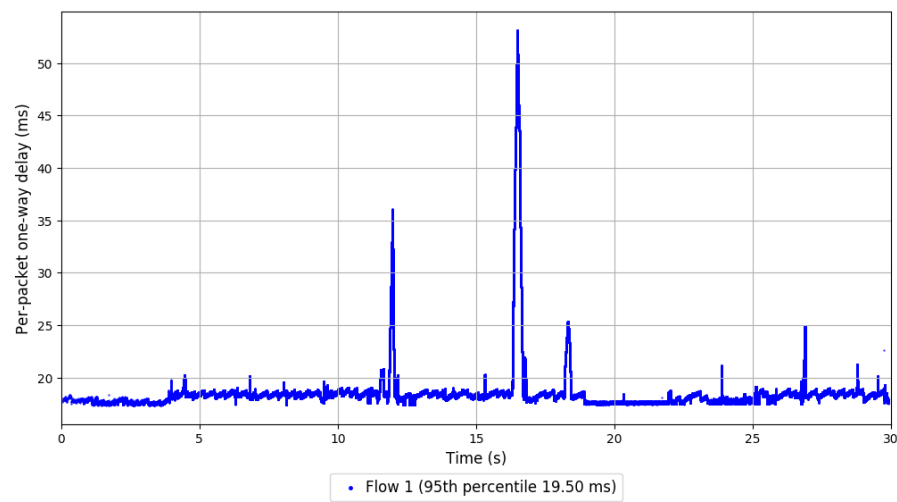
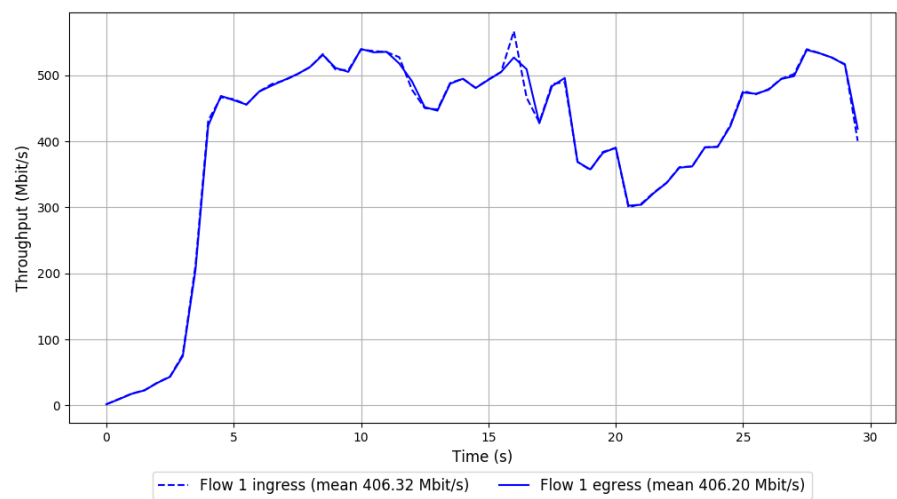


Run 9: Statistics of Vivace-latency

Start at: 2018-03-06 07:01:47
End at: 2018-03-06 07:02:17
Local clock offset: -5.33 ms
Remote clock offset: -0.414 ms

Below is generated by plot.py at 2018-03-06 11:26:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 406.20 Mbit/s
95th percentile per-packet one-way delay: 19.496 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 406.20 Mbit/s
95th percentile per-packet one-way delay: 19.496 ms
Loss rate: 0.03%

Run 9: Report of Vivace-latency — Data Link

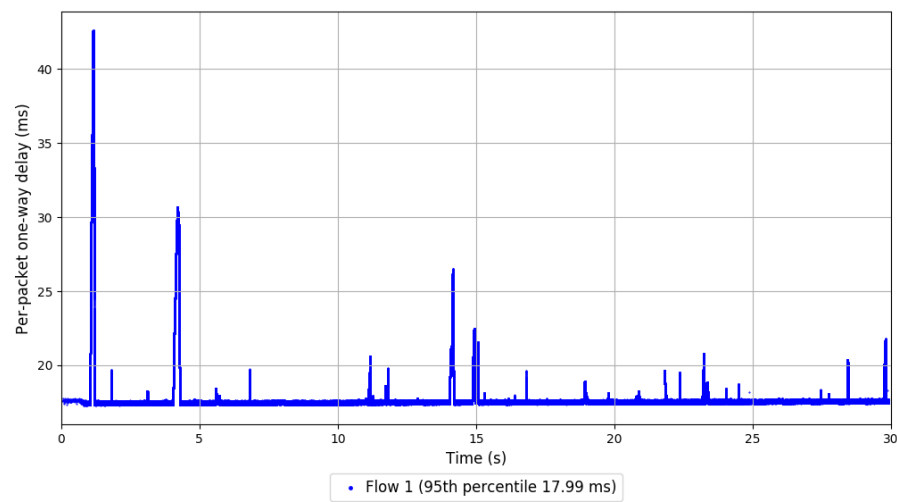
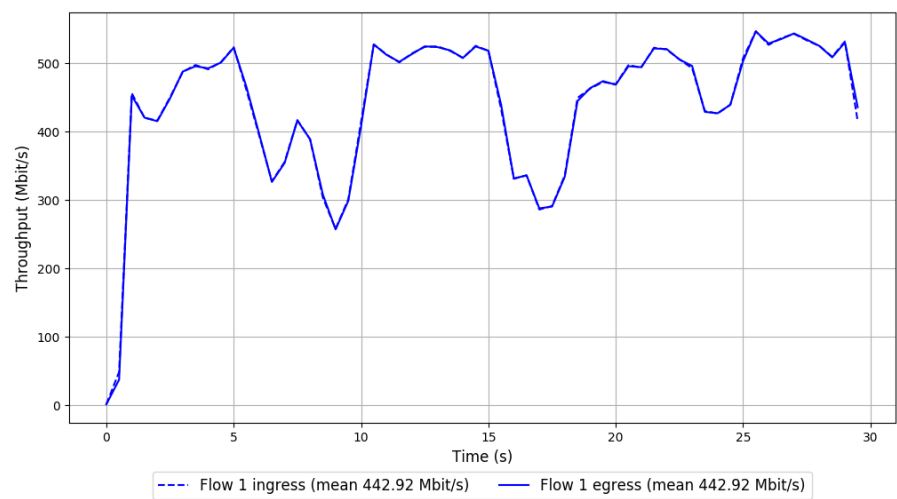


Run 10: Statistics of Vivace-latency

Start at: 2018-03-06 07:29:17
End at: 2018-03-06 07:29:47
Local clock offset: 1.342 ms
Remote clock offset: -0.728 ms

Below is generated by plot.py at 2018-03-06 11:28:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 442.92 Mbit/s
95th percentile per-packet one-way delay: 17.992 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 442.92 Mbit/s
95th percentile per-packet one-way delay: 17.992 ms
Loss rate: 0.00%

Run 10: Report of Vivace-latency — Data Link

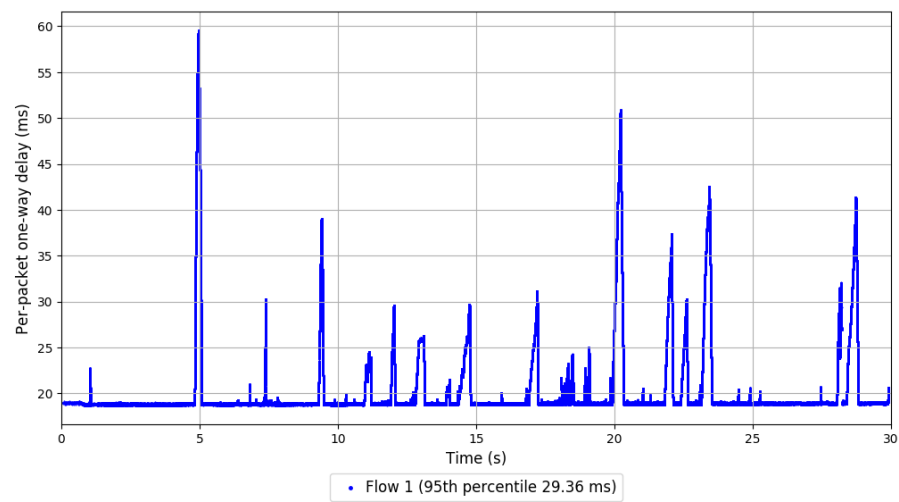
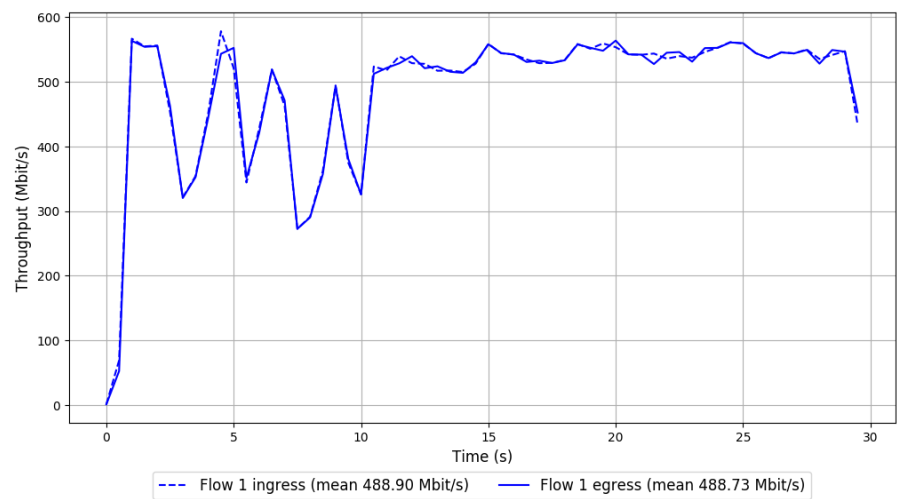


```
Run 1: Statistics of Vivace-loss

Start at: 2018-03-06 03:11:57
End at: 2018-03-06 03:12:27
Local clock offset: 2.542 ms
Remote clock offset: 0.699 ms

# Below is generated by plot.py at 2018-03-06 11:28:55
# Datalink statistics
-- Total of 1 flow:
Average throughput: 488.73 Mbit/s
95th percentile per-packet one-way delay: 29.360 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 488.73 Mbit/s
95th percentile per-packet one-way delay: 29.360 ms
Loss rate: 0.04%
```

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-03-06 03:39:08

End at: 2018-03-06 03:39:38

Local clock offset: 2.783 ms

Remote clock offset: -0.368 ms

Below is generated by plot.py at 2018-03-06 11:28:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 473.56 Mbit/s

95th percentile per-packet one-way delay: 37.861 ms

Loss rate: 0.01%

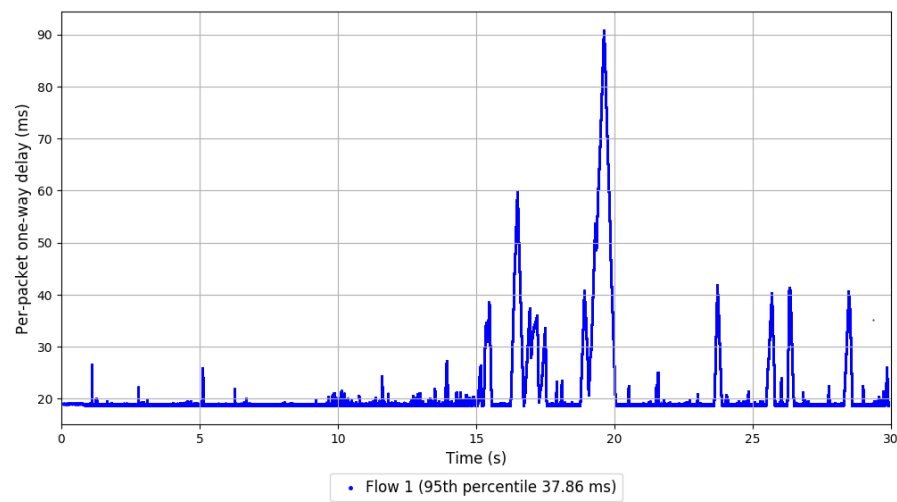
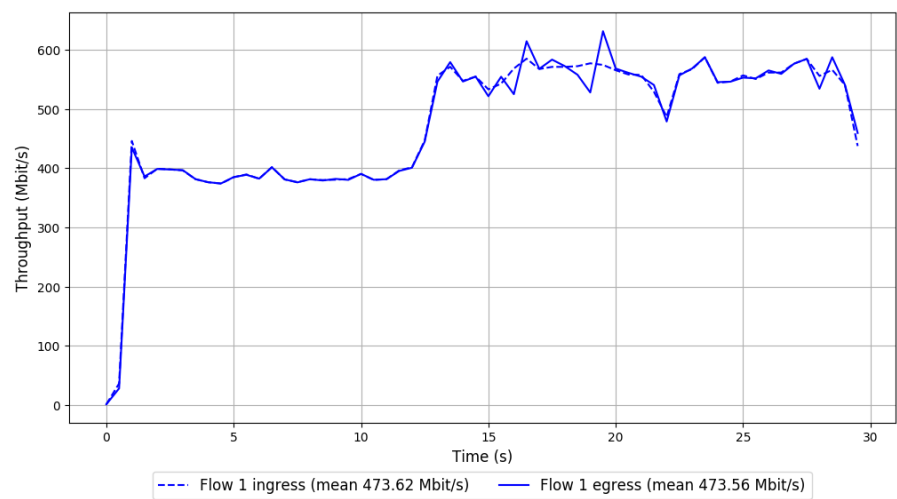
-- Flow 1:

Average throughput: 473.56 Mbit/s

95th percentile per-packet one-way delay: 37.861 ms

Loss rate: 0.01%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

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

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

Local clock offset: 2.045 ms

Remote clock offset: -0.13 ms

Below is generated by plot.py at 2018-03-06 11:28:59

Datalink statistics

-- Total of 1 flow:

Average throughput: 447.57 Mbit/s

95th percentile per-packet one-way delay: 18.695 ms

Loss rate: 0.00%

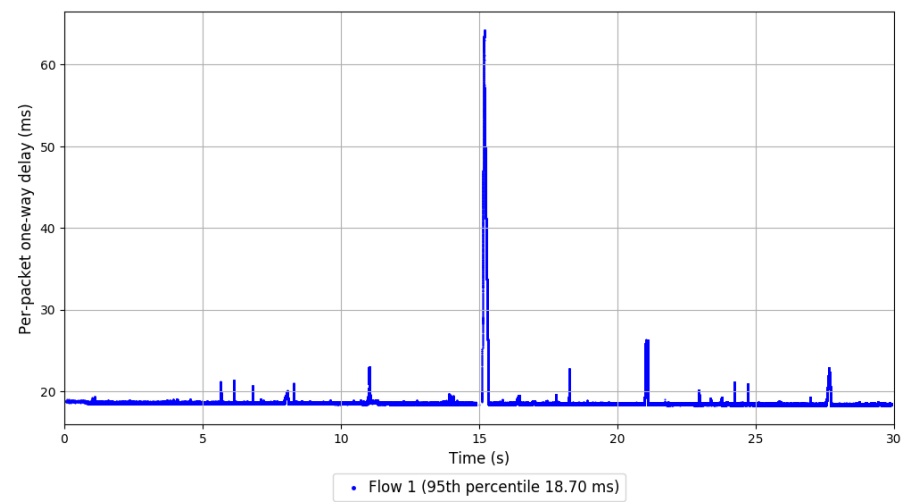
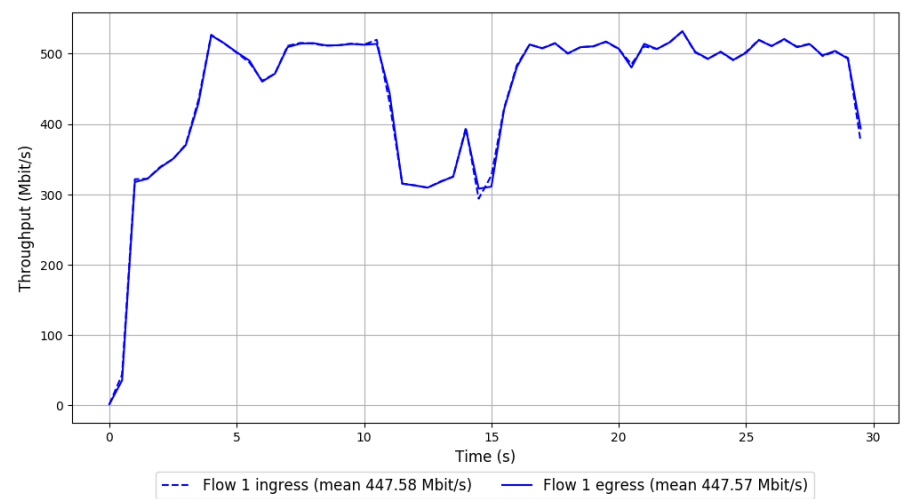
-- Flow 1:

Average throughput: 447.57 Mbit/s

95th percentile per-packet one-way delay: 18.695 ms

Loss rate: 0.00%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-03-06 04:34:07

End at: 2018-03-06 04:34:37

Local clock offset: 1.23 ms

Remote clock offset: 4.89 ms

Below is generated by plot.py at 2018-03-06 11:30:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 466.82 Mbit/s

95th percentile per-packet one-way delay: 19.103 ms

Loss rate: 0.00%

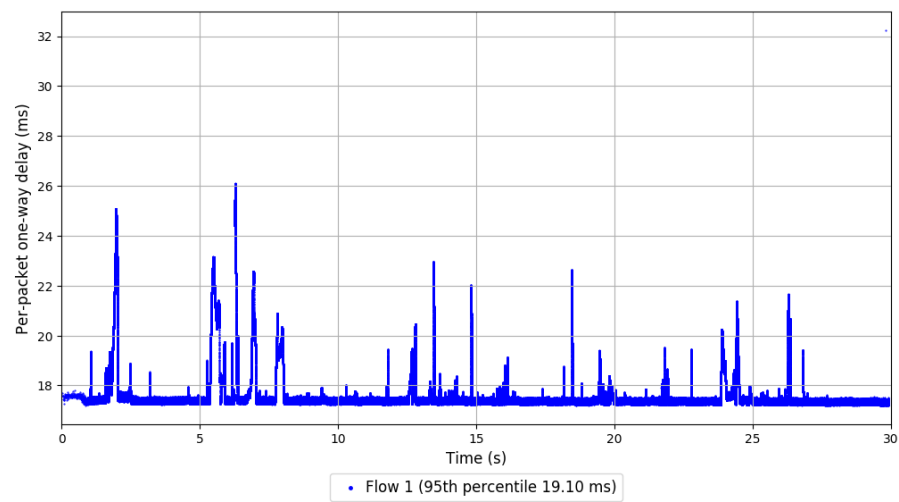
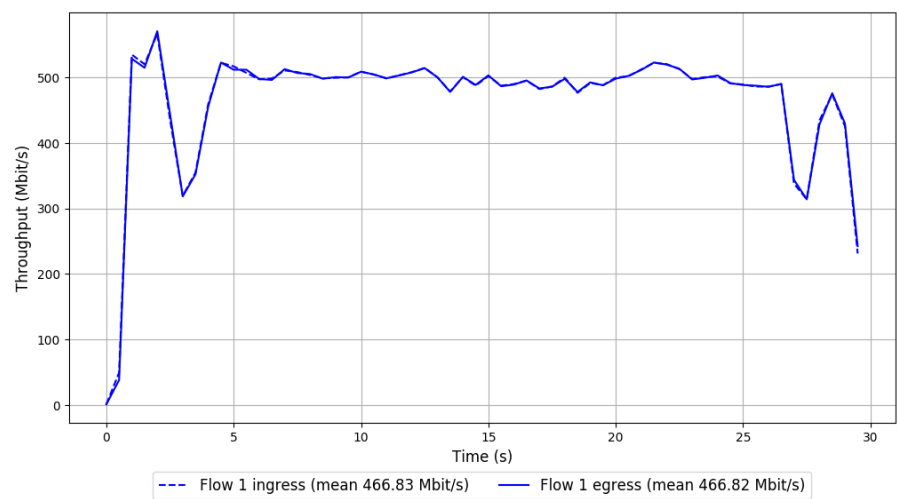
-- Flow 1:

Average throughput: 466.82 Mbit/s

95th percentile per-packet one-way delay: 19.103 ms

Loss rate: 0.00%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-03-06 05:01:25

End at: 2018-03-06 05:01:55

Local clock offset: 0.629 ms

Remote clock offset: 0.28 ms

Below is generated by plot.py at 2018-03-06 11:33:35

Datalink statistics

-- Total of 1 flow:

Average throughput: 547.27 Mbit/s

95th percentile per-packet one-way delay: 139.657 ms

Loss rate: 0.66%

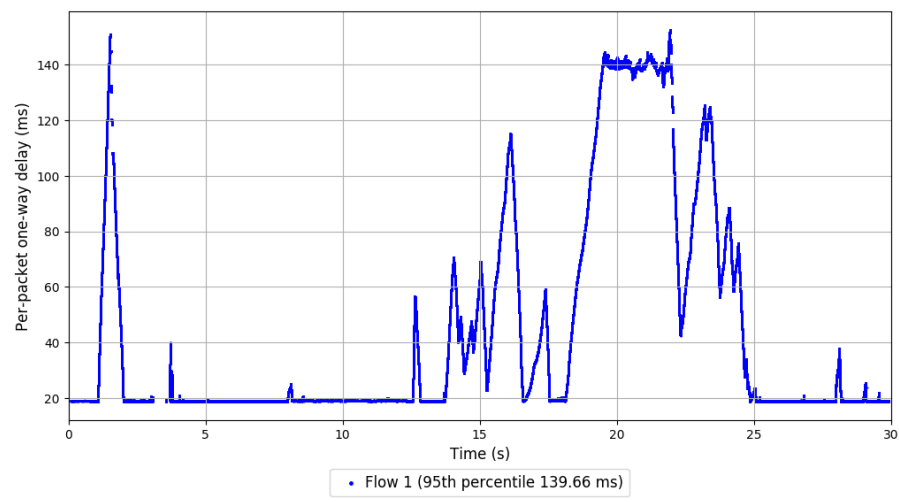
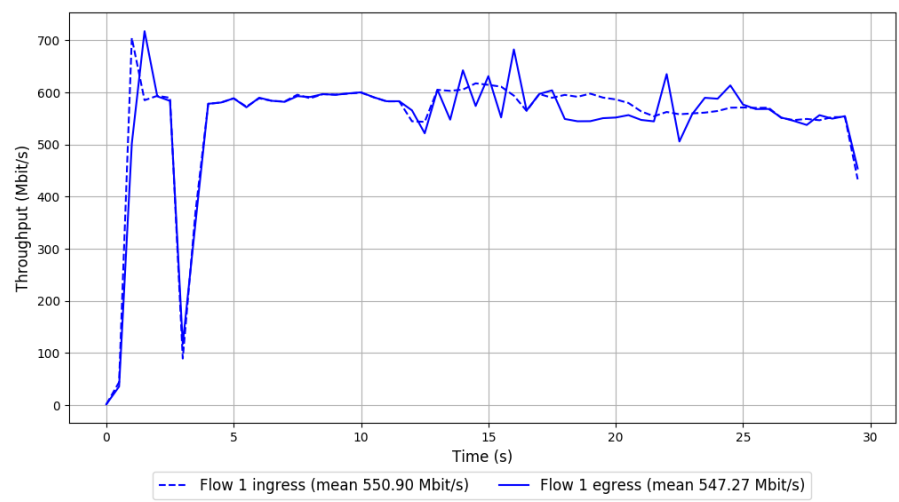
-- Flow 1:

Average throughput: 547.27 Mbit/s

95th percentile per-packet one-way delay: 139.657 ms

Loss rate: 0.66%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-03-06 05:28:58

End at: 2018-03-06 05:29:28

Local clock offset: -8.753 ms

Remote clock offset: 4.953 ms

Below is generated by plot.py at 2018-03-06 11:34:02

Datalink statistics

-- Total of 1 flow:

Average throughput: 525.15 Mbit/s

95th percentile per-packet one-way delay: 77.297 ms

Loss rate: 0.07%

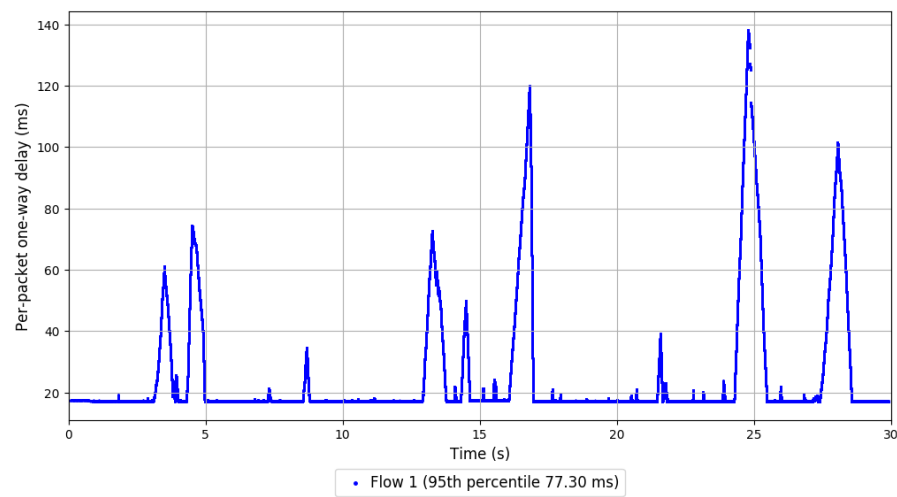
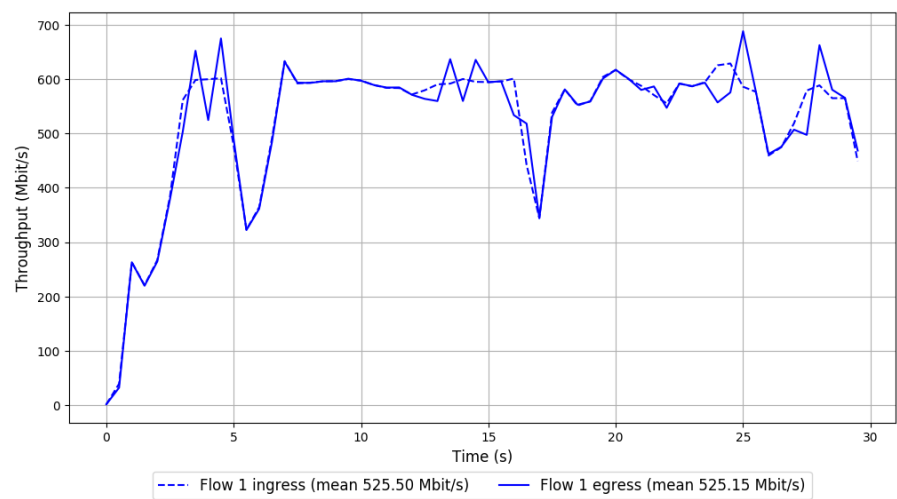
-- Flow 1:

Average throughput: 525.15 Mbit/s

95th percentile per-packet one-way delay: 77.297 ms

Loss rate: 0.07%

Run 6: Report of Vivace-loss — Data Link

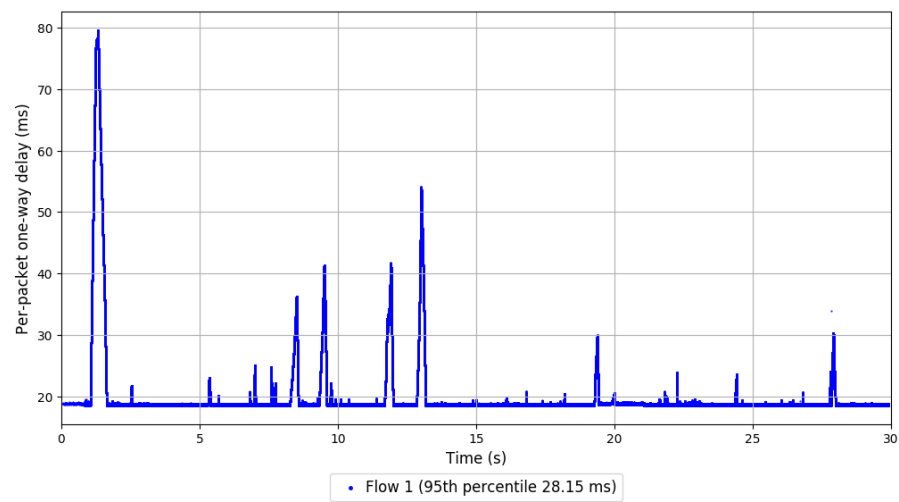
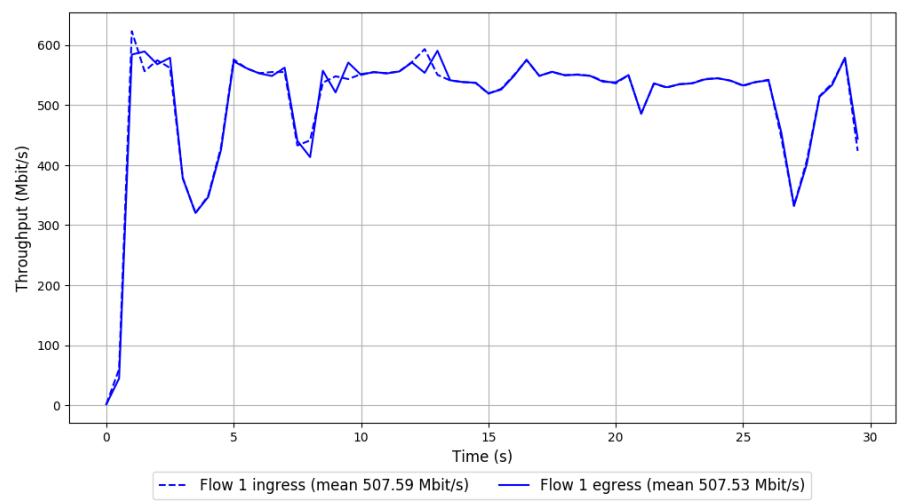


Run 7: Statistics of Vivace-loss

Start at: 2018-03-06 05:56:23
End at: 2018-03-06 05:56:53
Local clock offset: -12.811 ms
Remote clock offset: 5.699 ms

Below is generated by plot.py at 2018-03-06 11:34:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 507.53 Mbit/s
95th percentile per-packet one-way delay: 28.152 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 507.53 Mbit/s
95th percentile per-packet one-way delay: 28.152 ms
Loss rate: 0.02%

Run 7: Report of Vivace-loss — Data Link

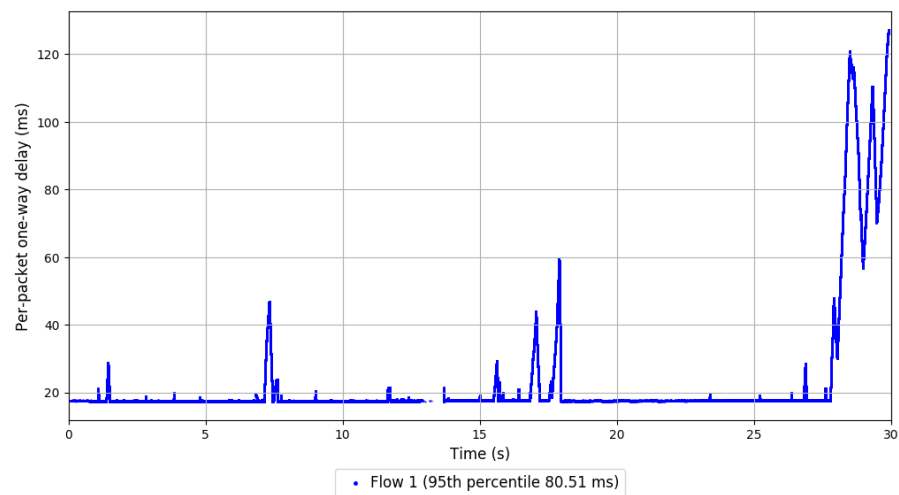
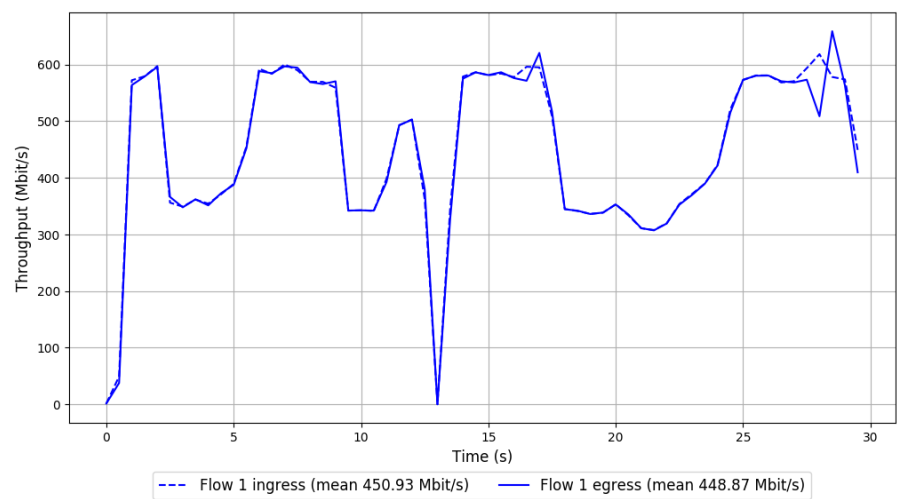


Run 8: Statistics of Vivace-loss

Start at: 2018-03-06 06:24:04
End at: 2018-03-06 06:24:34
Local clock offset: -16.761 ms
Remote clock offset: 4.688 ms

Below is generated by plot.py at 2018-03-06 11:34:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 448.87 Mbit/s
95th percentile per-packet one-way delay: 80.514 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 448.87 Mbit/s
95th percentile per-packet one-way delay: 80.514 ms
Loss rate: 0.45%

Run 8: Report of Vivace-loss — Data Link

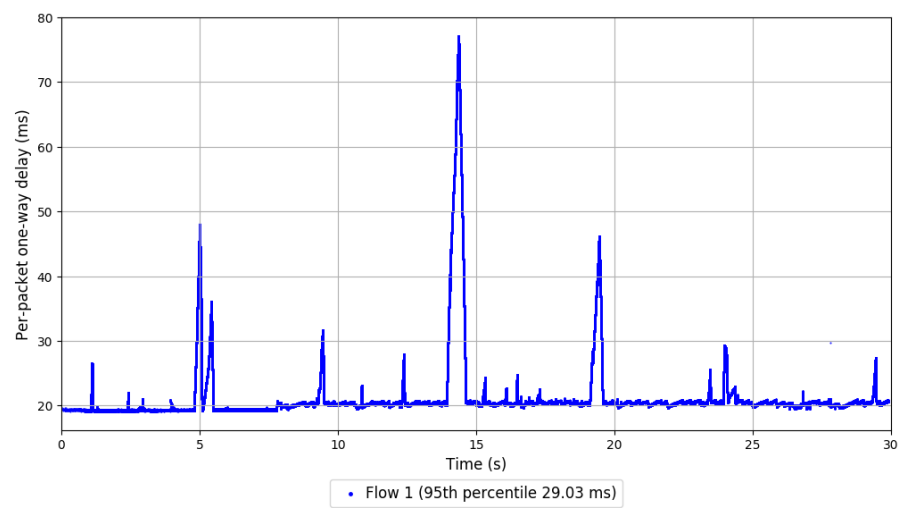
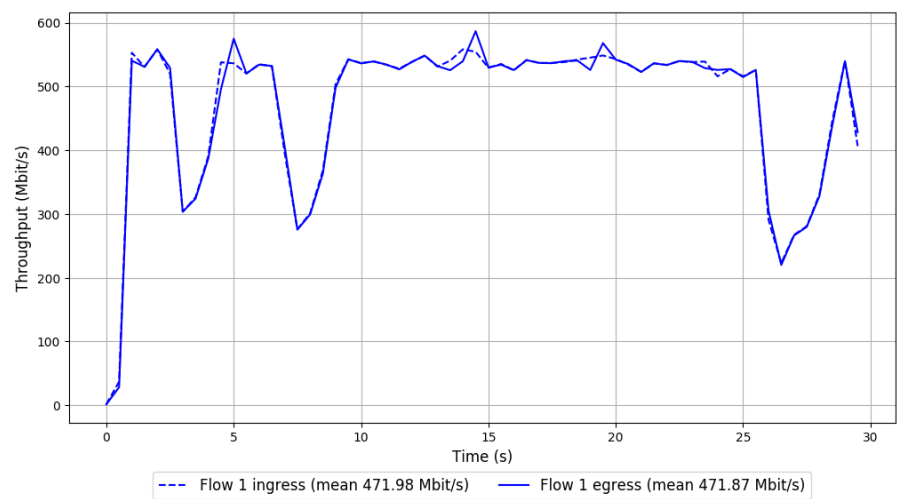


Run 9: Statistics of Vivace-loss

Start at: 2018-03-06 06:51:37
End at: 2018-03-06 06:52:07
Local clock offset: -11.674 ms
Remote clock offset: -0.331 ms

Below is generated by plot.py at 2018-03-06 11:36:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 471.87 Mbit/s
95th percentile per-packet one-way delay: 29.027 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 471.87 Mbit/s
95th percentile per-packet one-way delay: 29.027 ms
Loss rate: 0.02%

Run 9: Report of Vivace-loss — Data Link

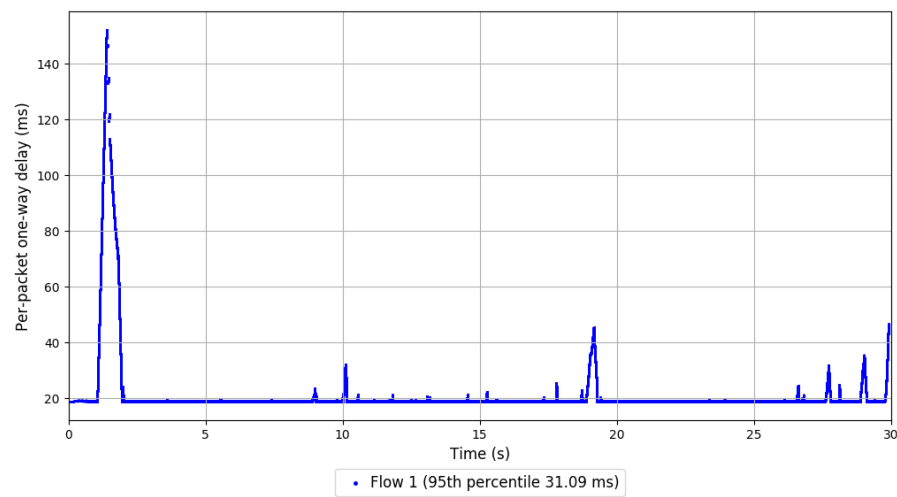
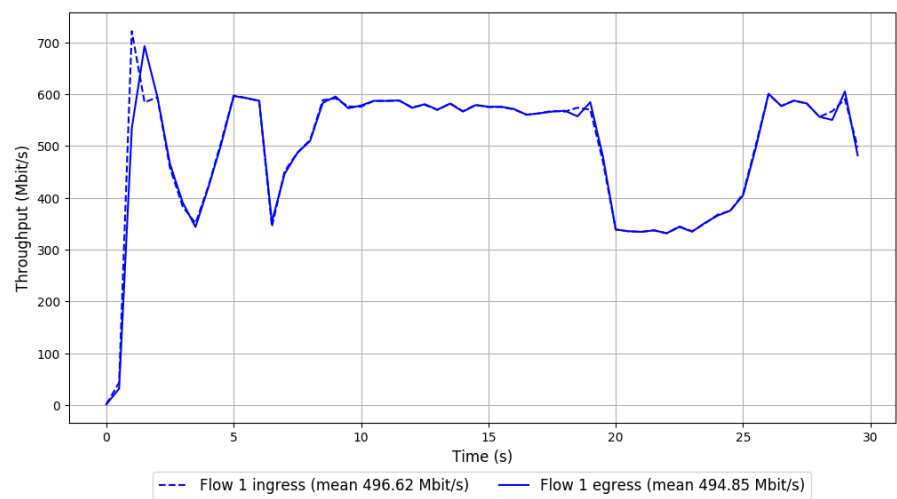


Run 10: Statistics of Vivace-loss

Start at: 2018-03-06 07:18:51
End at: 2018-03-06 07:19:21
Local clock offset: -1.528 ms
Remote clock offset: -0.519 ms

Below is generated by plot.py at 2018-03-06 11:36:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 494.85 Mbit/s
95th percentile per-packet one-way delay: 31.085 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 494.85 Mbit/s
95th percentile per-packet one-way delay: 31.085 ms
Loss rate: 0.36%

Run 10: Report of Vivace-loss — Data Link



Run 1: Statistics of Vivace-LTE

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

End at: 2018-03-06 03:20:53

Local clock offset: 2.895 ms

Remote clock offset: -0.567 ms

Below is generated by plot.py at 2018-03-06 11:36:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 496.98 Mbit/s

95th percentile per-packet one-way delay: 30.944 ms

Loss rate: 0.01%

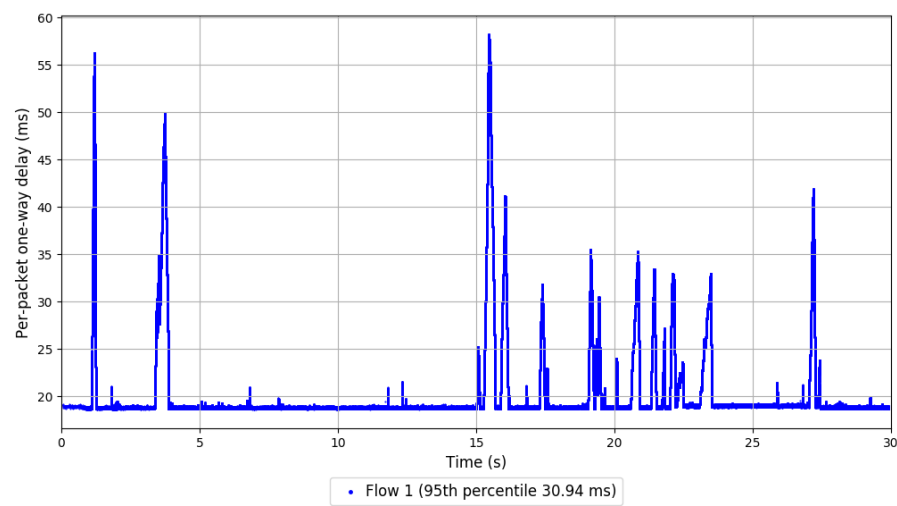
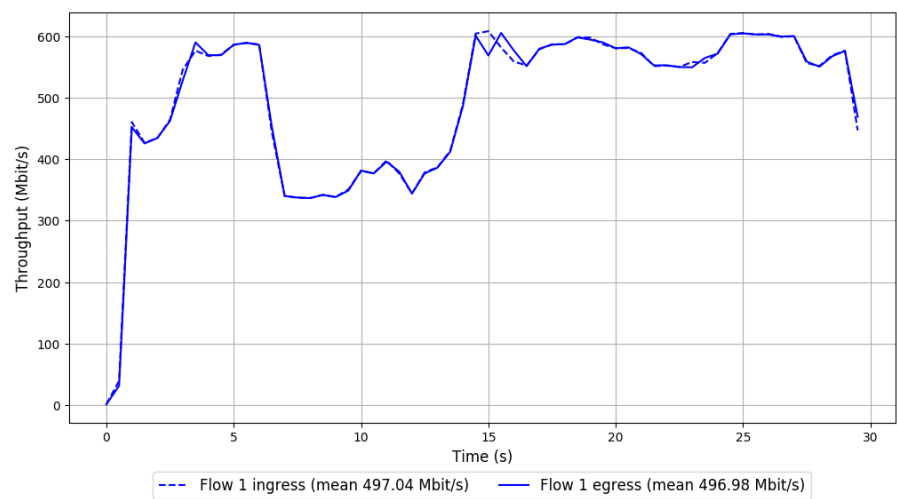
-- Flow 1:

Average throughput: 496.98 Mbit/s

95th percentile per-packet one-way delay: 30.944 ms

Loss rate: 0.01%

Run 1: Report of Vivace-LTE — Data Link

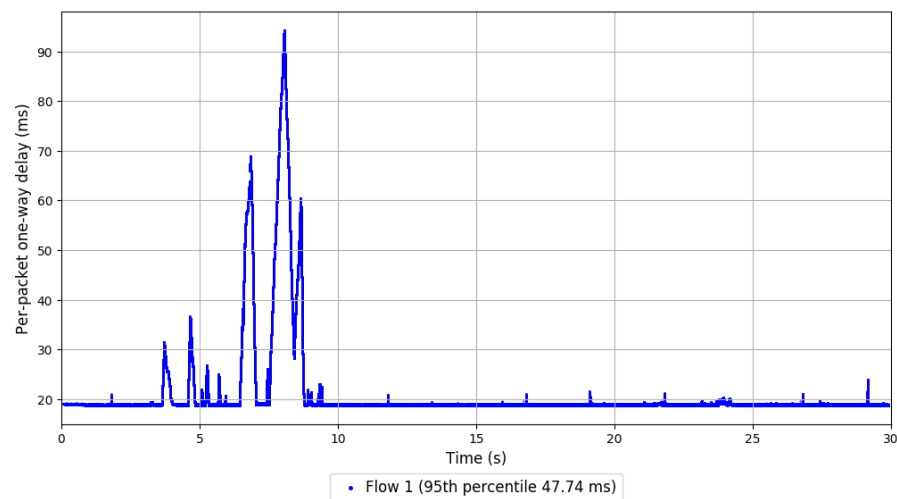
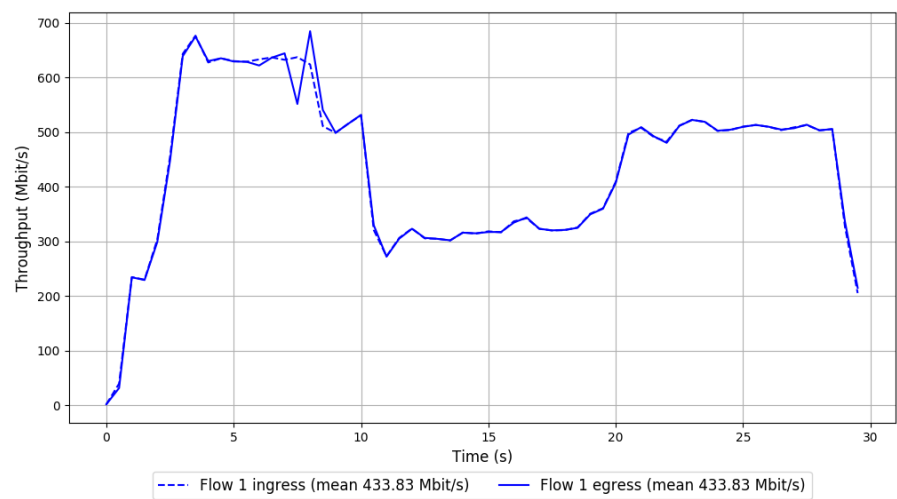


Run 2: Statistics of Vivace-LTE

Start at: 2018-03-06 03:47:35
End at: 2018-03-06 03:48:05
Local clock offset: 2.91 ms
Remote clock offset: -0.075 ms

Below is generated by plot.py at 2018-03-06 11:37:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 433.83 Mbit/s
95th percentile per-packet one-way delay: 47.744 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 433.83 Mbit/s
95th percentile per-packet one-way delay: 47.744 ms
Loss rate: 0.00%

Run 2: Report of Vivace-LTE — Data Link



Run 3: Statistics of Vivace-LTE

Start at: 2018-03-06 04:14:59

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

Local clock offset: 1.798 ms

Remote clock offset: 2.876 ms

Below is generated by plot.py at 2018-03-06 11:41:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 510.55 Mbit/s

95th percentile per-packet one-way delay: 31.364 ms

Loss rate: 0.00%

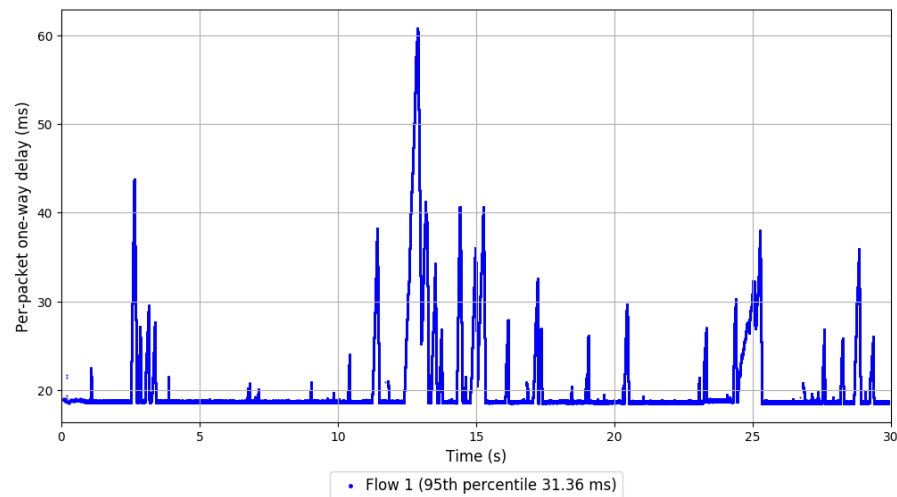
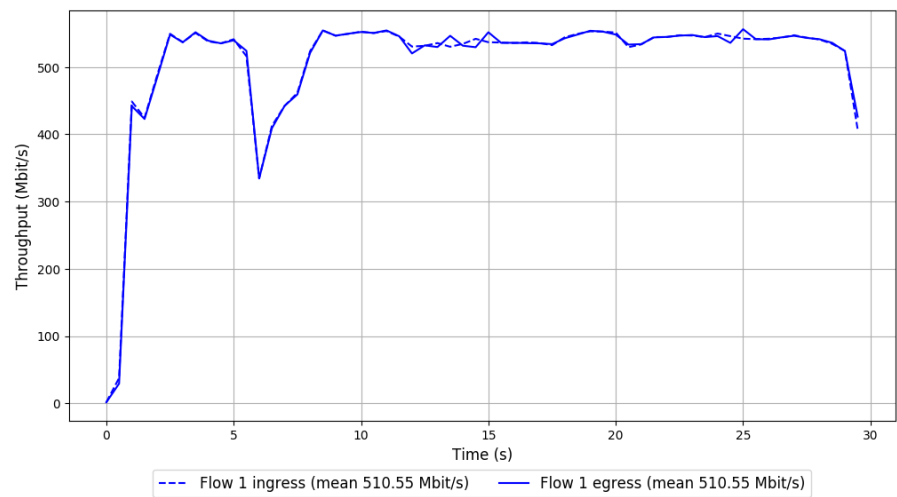
-- Flow 1:

Average throughput: 510.55 Mbit/s

95th percentile per-packet one-way delay: 31.364 ms

Loss rate: 0.00%

Run 3: Report of Vivace-LTE — Data Link



Run 4: Statistics of Vivace-LTE

Start at: 2018-03-06 04:42:37

End at: 2018-03-06 04:43:07

Local clock offset: 0.911 ms

Remote clock offset: 3.932 ms

Below is generated by plot.py at 2018-03-06 11:42:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 513.92 Mbit/s

95th percentile per-packet one-way delay: 88.904 ms

Loss rate: 0.12%

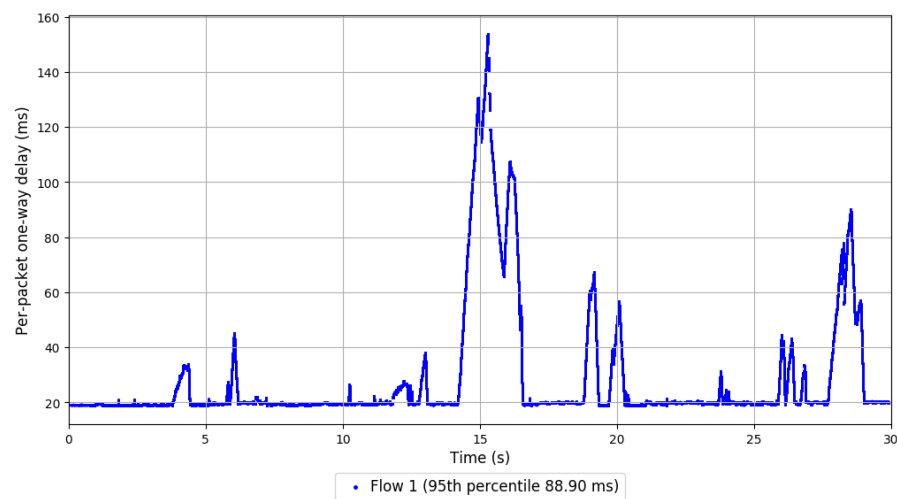
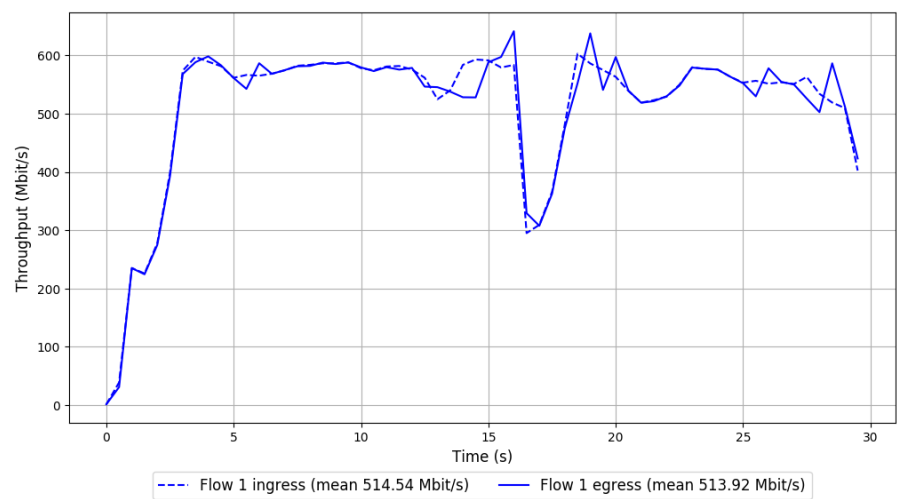
-- Flow 1:

Average throughput: 513.92 Mbit/s

95th percentile per-packet one-way delay: 88.904 ms

Loss rate: 0.12%

Run 4: Report of Vivace-LTE — Data Link

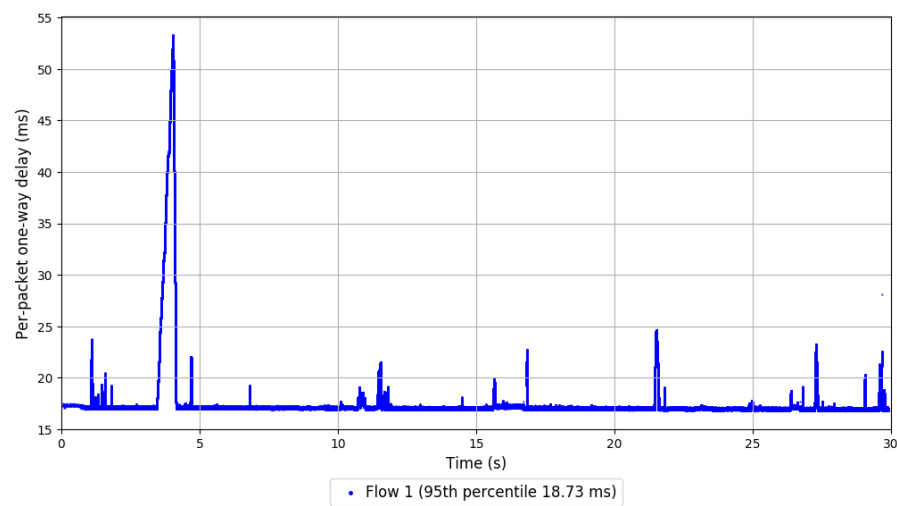
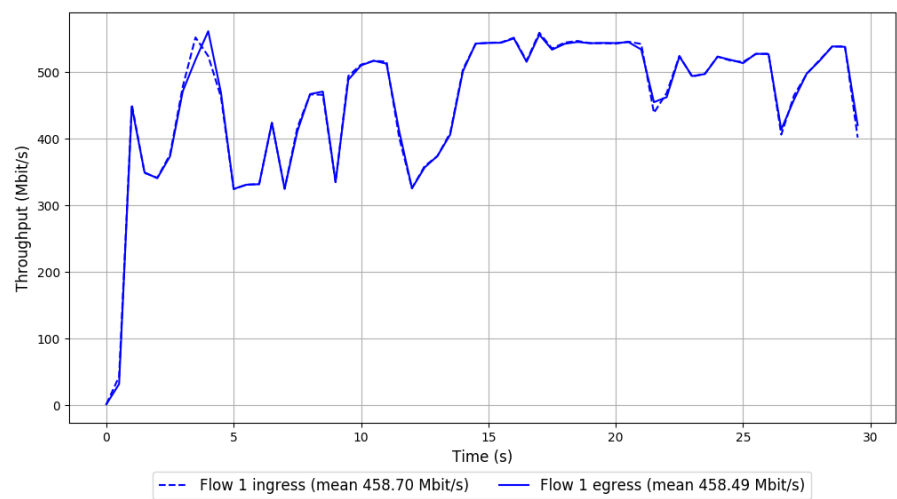


Run 5: Statistics of Vivace-LTE

Start at: 2018-03-06 05:10:11
End at: 2018-03-06 05:10:41
Local clock offset: -3.644 ms
Remote clock offset: -0.166 ms

Below is generated by plot.py at 2018-03-06 11:42:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 458.49 Mbit/s
95th percentile per-packet one-way delay: 18.734 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 458.49 Mbit/s
95th percentile per-packet one-way delay: 18.734 ms
Loss rate: 0.05%

Run 5: Report of Vivace-LTE — Data Link

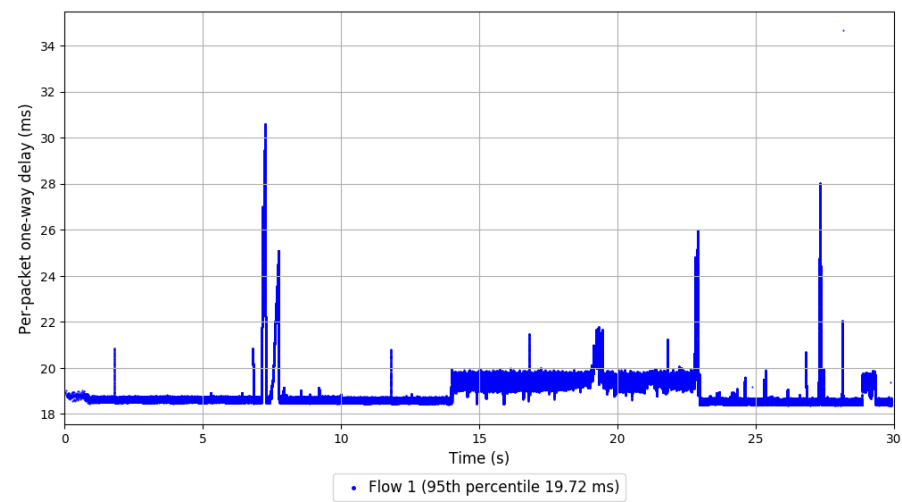
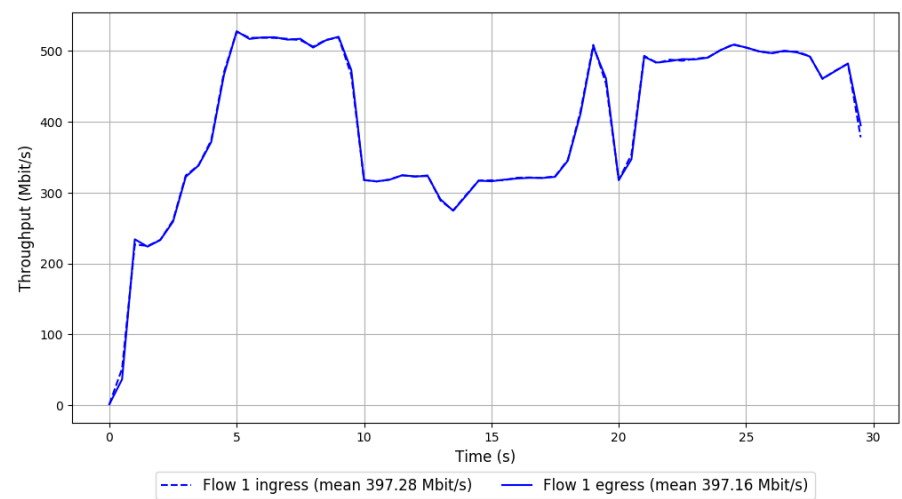


Run 6: Statistics of Vivace-LTE

Start at: 2018-03-06 05:37:35
End at: 2018-03-06 05:38:05
Local clock offset: -10.104 ms
Remote clock offset: 6.106 ms

Below is generated by plot.py at 2018-03-06 11:42:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 397.16 Mbit/s
95th percentile per-packet one-way delay: 19.724 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 397.16 Mbit/s
95th percentile per-packet one-way delay: 19.724 ms
Loss rate: 0.03%

Run 6: Report of Vivace-LTE — Data Link

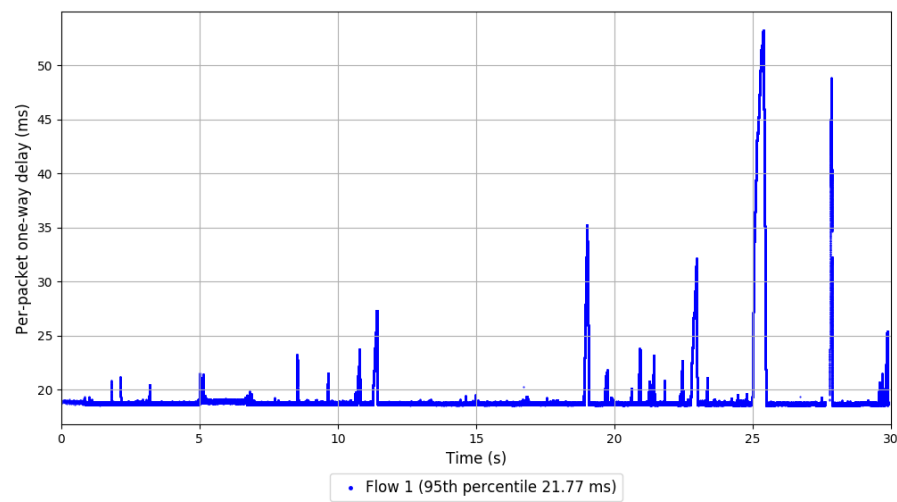
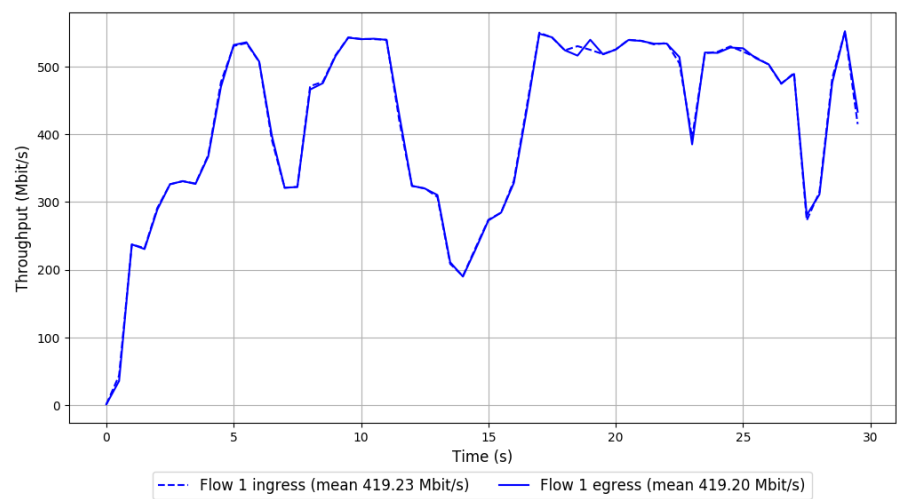


Run 7: Statistics of Vivace-LTE

Start at: 2018-03-06 06:04:57
End at: 2018-03-06 06:05:27
Local clock offset: -14.116 ms
Remote clock offset: 5.292 ms

Below is generated by plot.py at 2018-03-06 11:42:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 419.20 Mbit/s
95th percentile per-packet one-way delay: 21.765 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 419.20 Mbit/s
95th percentile per-packet one-way delay: 21.765 ms
Loss rate: 0.01%

Run 7: Report of Vivace-LTE — Data Link

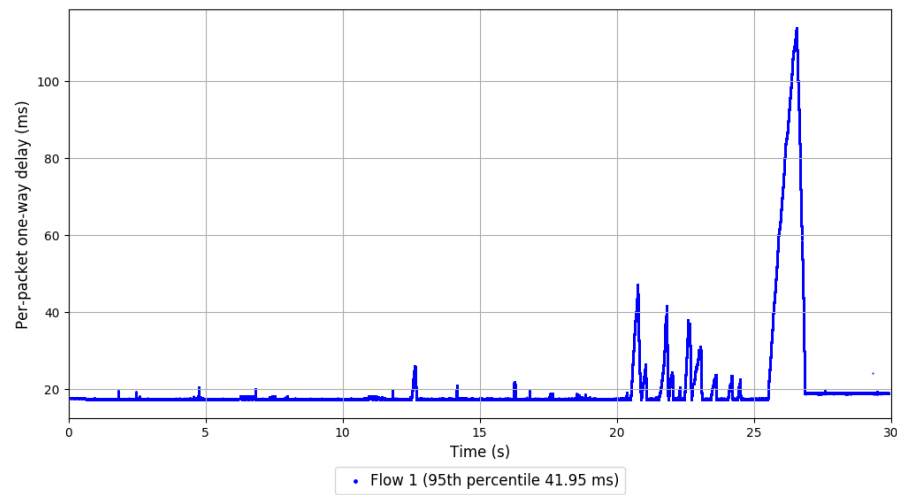
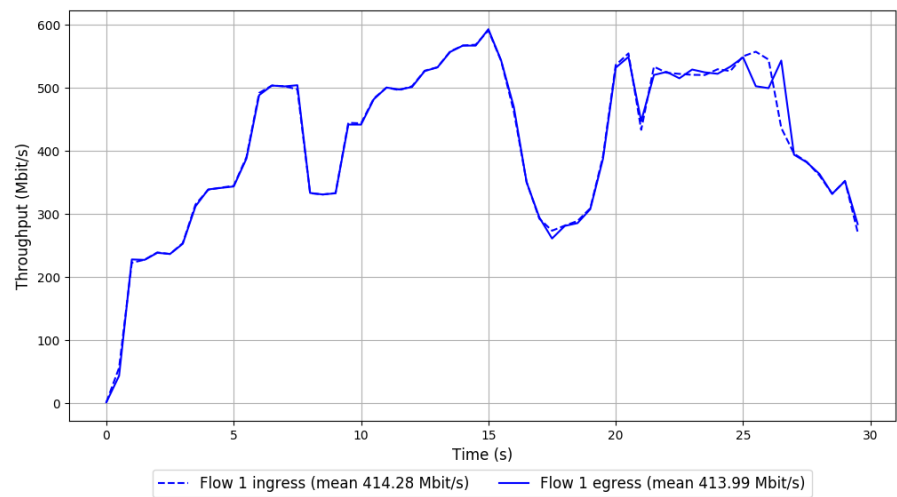


Run 8: Statistics of Vivace-LTE

Start at: 2018-03-06 06:32:49
End at: 2018-03-06 06:33:19
Local clock offset: -17.972 ms
Remote clock offset: 1.635 ms

Below is generated by plot.py at 2018-03-06 11:42:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 413.99 Mbit/s
95th percentile per-packet one-way delay: 41.949 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 413.99 Mbit/s
95th percentile per-packet one-way delay: 41.949 ms
Loss rate: 0.07%

Run 8: Report of Vivace-LTE — Data Link

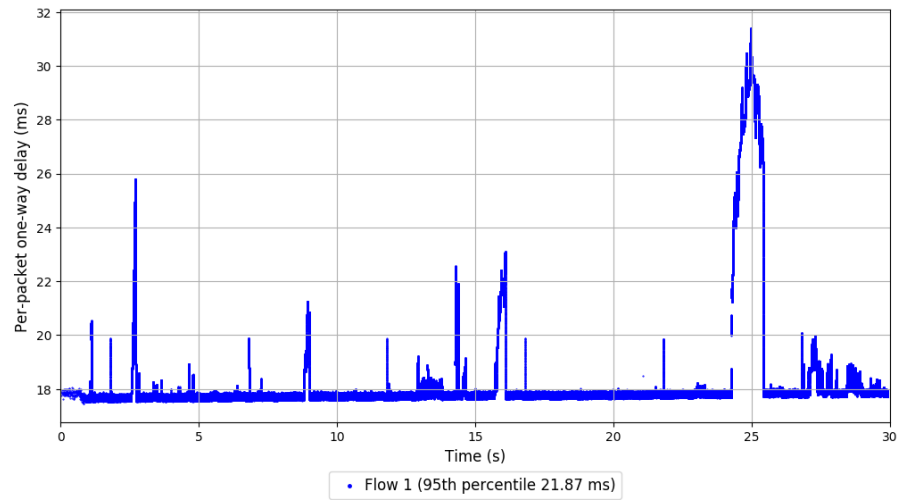
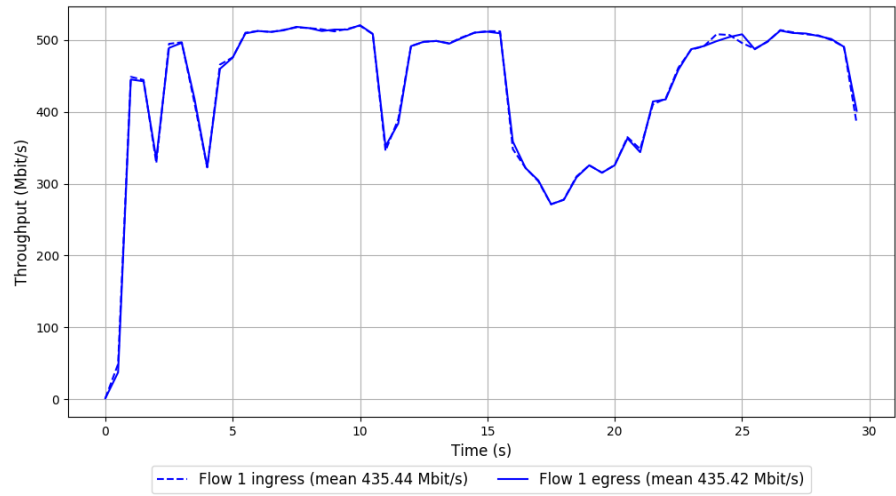


Run 9: Statistics of Vivace-LTE

Start at: 2018-03-06 07:00:07
End at: 2018-03-06 07:00:37
Local clock offset: -6.06 ms
Remote clock offset: -0.365 ms

Below is generated by plot.py at 2018-03-06 11:42:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 435.42 Mbit/s
95th percentile per-packet one-way delay: 21.872 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 435.42 Mbit/s
95th percentile per-packet one-way delay: 21.872 ms
Loss rate: 0.00%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-03-06 07:27:29
End at: 2018-03-06 07:27:59
Local clock offset: 0.842 ms
Remote clock offset: -0.629 ms

Below is generated by plot.py at 2018-03-06 11:42:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 529.33 Mbit/s
95th percentile per-packet one-way delay: 55.707 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 529.33 Mbit/s
95th percentile per-packet one-way delay: 55.707 ms
Loss rate: 0.15%

Run 10: Report of Vivace-LTE — Data Link

