

Pantheon Report

Generated at 2018-03-13 14:00:52 (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).

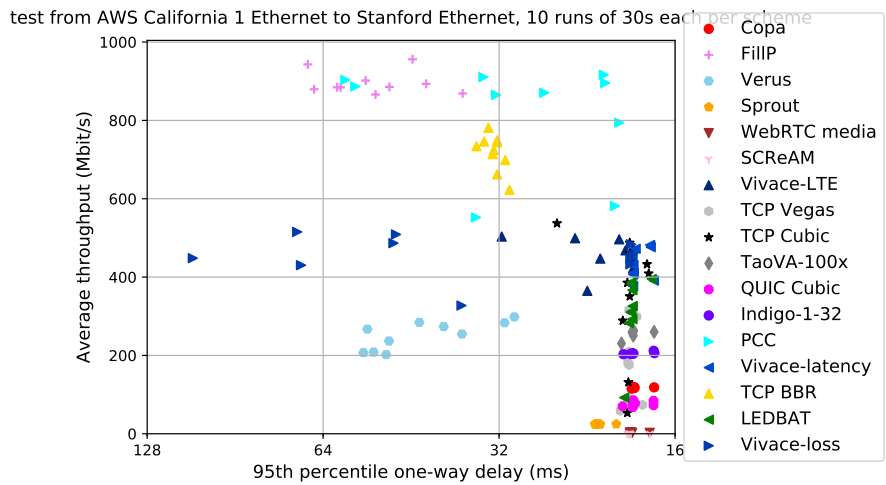
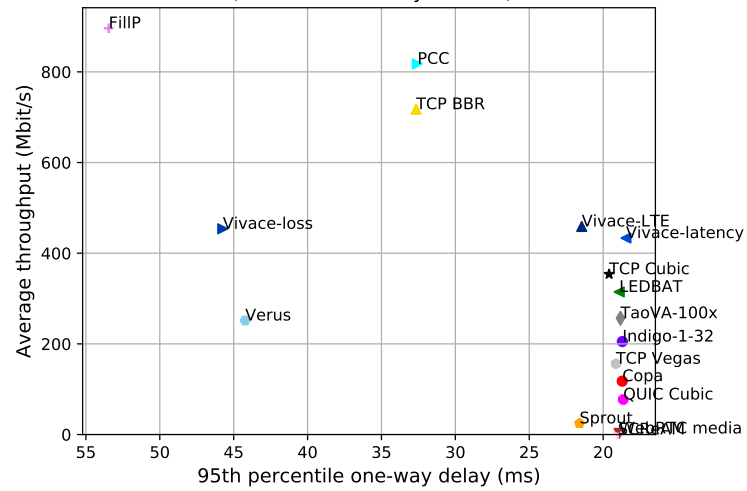
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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	717.64	32.65	0.20
TCP Cubic	10	353.75	19.60	0.03
LEDBAT	10	314.62	18.91	0.01
PCC	10	817.62	32.57	0.28
QUIC Cubic	10	77.26	18.64	0.01
SCReAM	10	0.21	19.00	0.02
WebRTC media	10	2.45	18.92	0.02
Sprout	10	24.68	21.60	0.06
TaoVA-100x	10	256.61	18.83	0.01
TCP Vegas	10	156.17	19.14	0.01
Verus	10	251.61	44.22	9.32
Copa	10	117.75	18.71	0.01
FillP	10	896.26	53.46	6.46
Indigo-1-32	10	205.18	18.70	0.01
Vivace-latency	10	433.39	18.46	0.02
Vivace-loss	10	453.84	45.74	0.14
Vivace-LTE	10	459.04	21.45	0.02

Run 1: Statistics of TCP BBR

Start at: 2018-03-13 05:39:52

End at: 2018-03-13 05:40:22

Local clock offset: 2.119 ms

Remote clock offset: -5.105 ms

Below is generated by plot.py at 2018-03-13 12:21:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 623.11 Mbit/s

95th percentile per-packet one-way delay: 30.715 ms

Loss rate: 0.38%

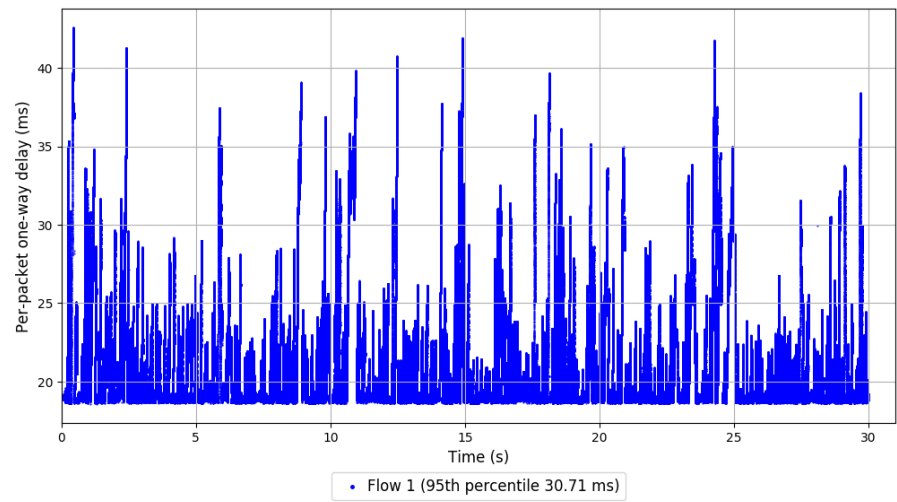
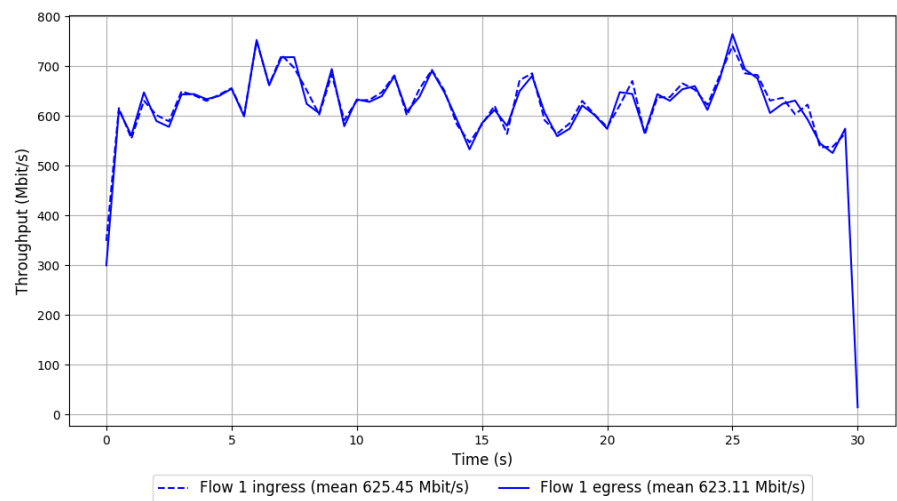
-- Flow 1:

Average throughput: 623.11 Mbit/s

95th percentile per-packet one-way delay: 30.715 ms

Loss rate: 0.38%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-03-13 06:06:53

End at: 2018-03-13 06:07:23

Local clock offset: 2.296 ms

Remote clock offset: -5.198 ms

Below is generated by plot.py at 2018-03-13 12:22:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 749.00 Mbit/s

95th percentile per-packet one-way delay: 32.260 ms

Loss rate: 0.08%

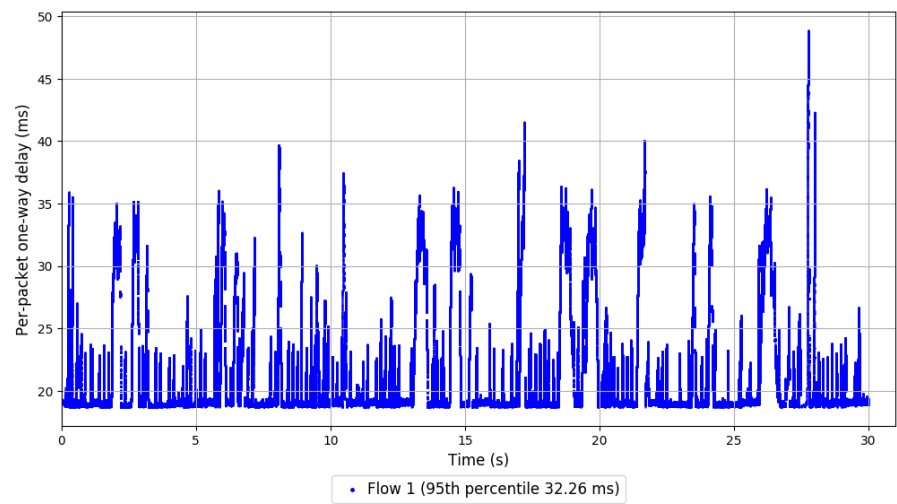
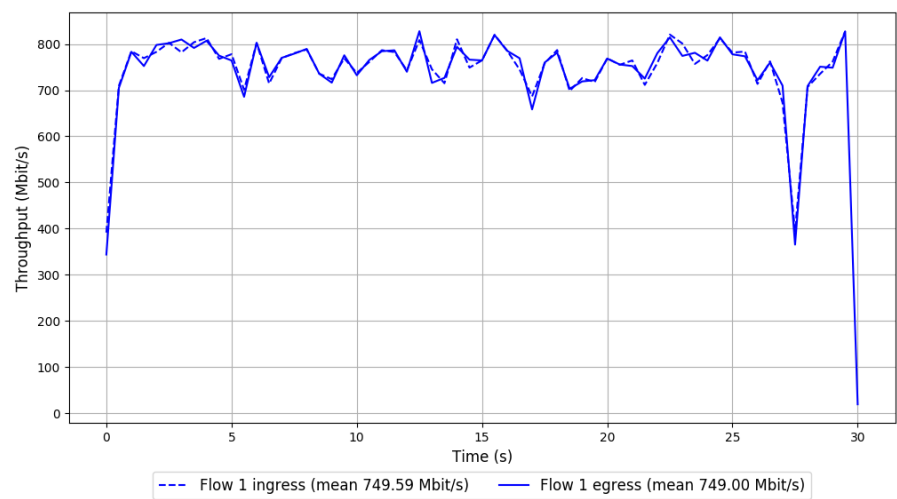
-- Flow 1:

Average throughput: 749.00 Mbit/s

95th percentile per-packet one-way delay: 32.260 ms

Loss rate: 0.08%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-03-13 06:34:22

End at: 2018-03-13 06:34:52

Local clock offset: 1.064 ms

Remote clock offset: -6.04 ms

Below is generated by plot.py at 2018-03-13 12:22:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 662.01 Mbit/s

95th percentile per-packet one-way delay: 32.253 ms

Loss rate: 0.51%

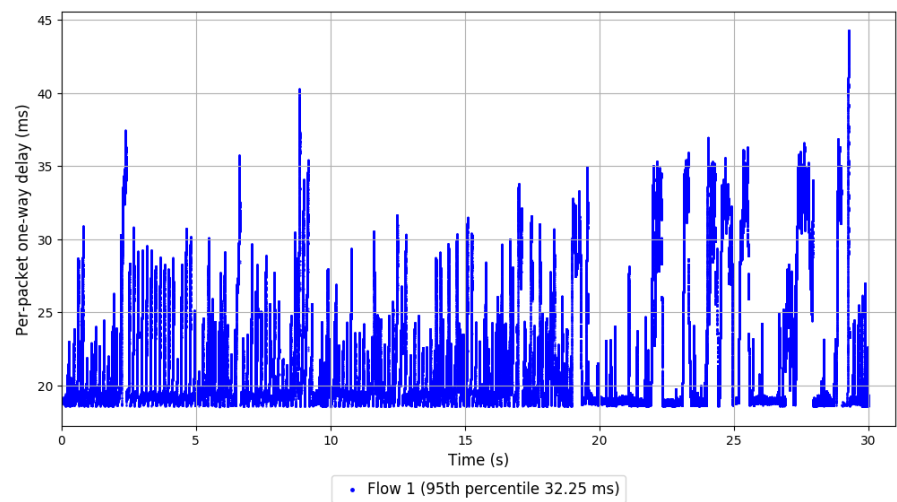
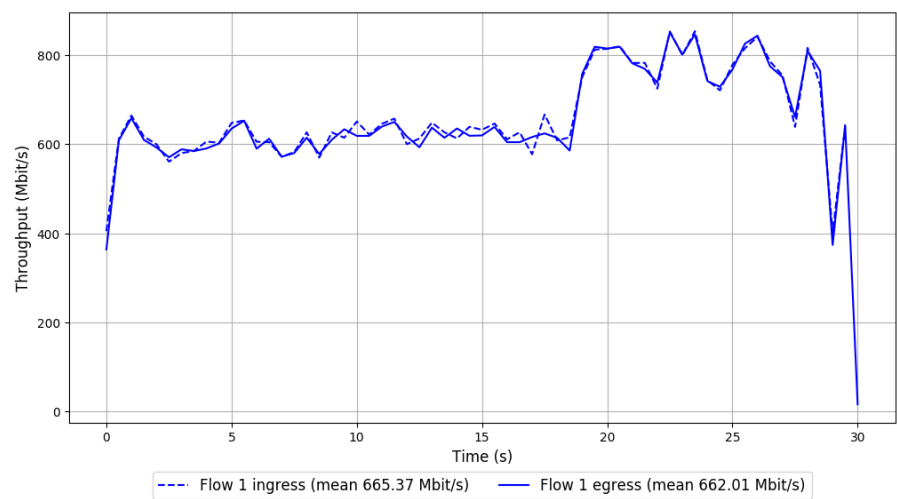
-- Flow 1:

Average throughput: 662.01 Mbit/s

95th percentile per-packet one-way delay: 32.253 ms

Loss rate: 0.51%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-03-13 07:02:07

End at: 2018-03-13 07:02:37

Local clock offset: 1.123 ms

Remote clock offset: -5.07 ms

Below is generated by plot.py at 2018-03-13 12:22:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 734.06 Mbit/s

95th percentile per-packet one-way delay: 34.979 ms

Loss rate: 0.20%

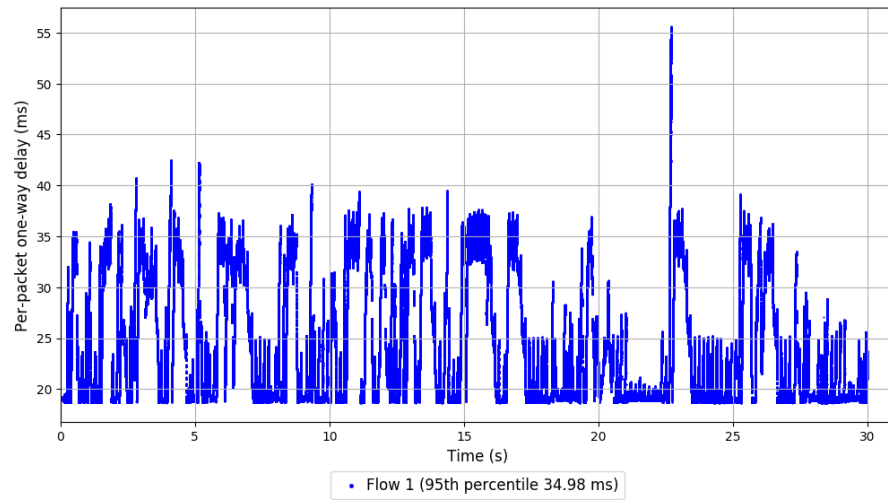
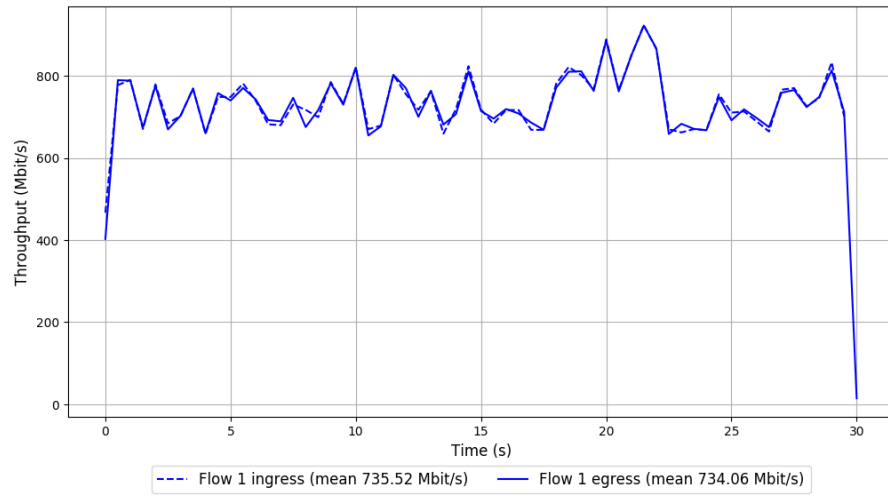
-- Flow 1:

Average throughput: 734.06 Mbit/s

95th percentile per-packet one-way delay: 34.979 ms

Loss rate: 0.20%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-03-13 07:29:40

End at: 2018-03-13 07:30:10

Local clock offset: 1.175 ms

Remote clock offset: -5.297 ms

Below is generated by plot.py at 2018-03-13 12:22:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 713.92 Mbit/s

95th percentile per-packet one-way delay: 32.830 ms

Loss rate: 0.09%

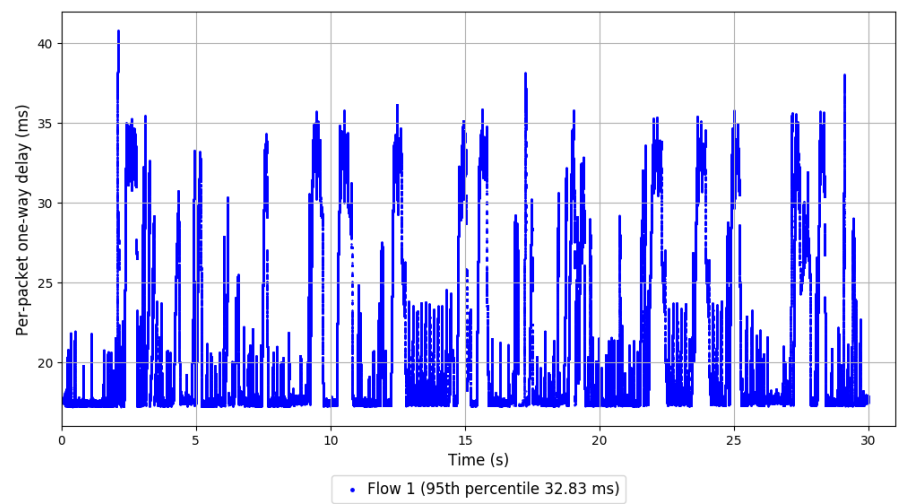
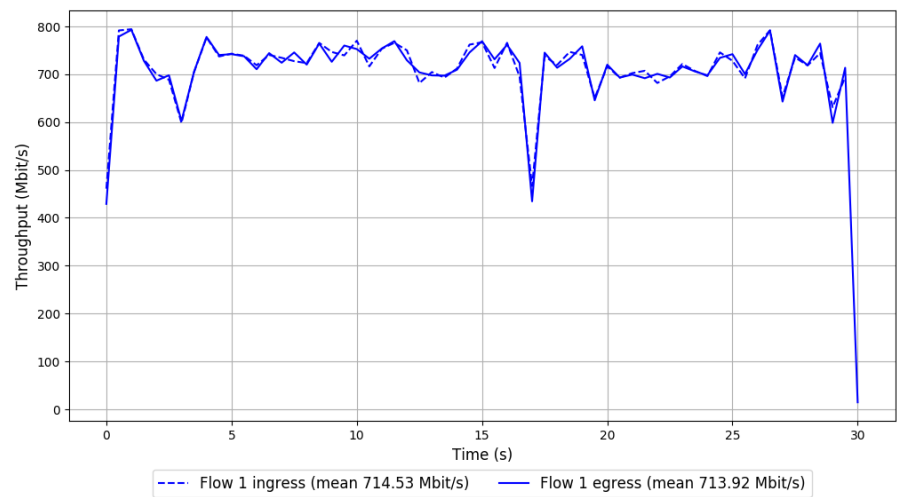
-- Flow 1:

Average throughput: 713.92 Mbit/s

95th percentile per-packet one-way delay: 32.830 ms

Loss rate: 0.09%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-03-13 07:57:24

End at: 2018-03-13 07:57:54

Local clock offset: 0.856 ms

Remote clock offset: -6.352 ms

Below is generated by plot.py at 2018-03-13 12:22:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 746.08 Mbit/s

95th percentile per-packet one-way delay: 33.940 ms

Loss rate: 0.09%

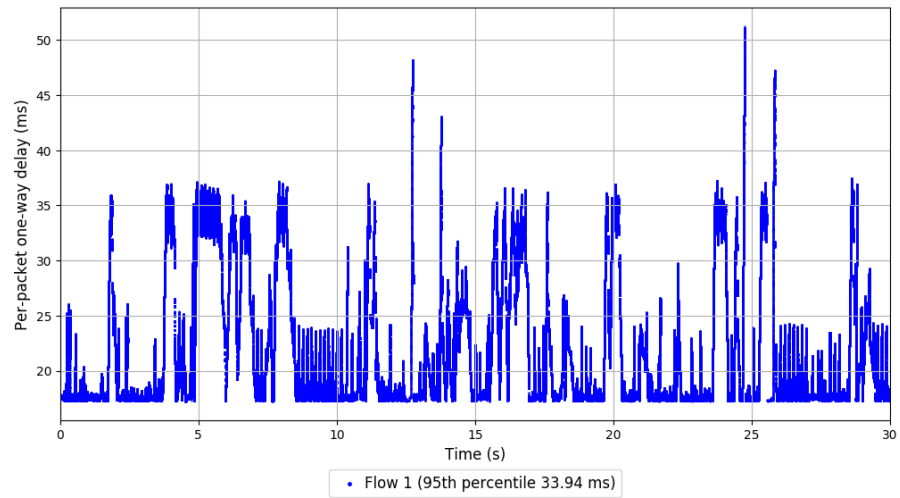
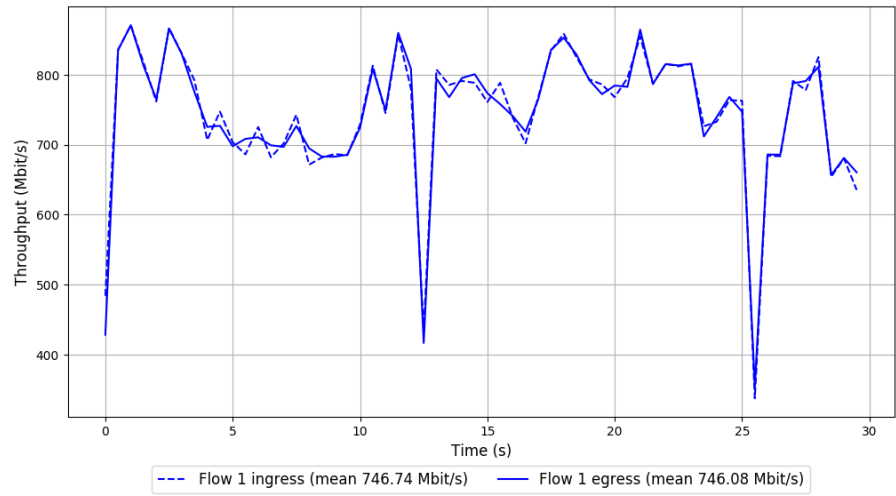
-- Flow 1:

Average throughput: 746.08 Mbit/s

95th percentile per-packet one-way delay: 33.940 ms

Loss rate: 0.09%

Run 6: Report of TCP BBR — Data Link

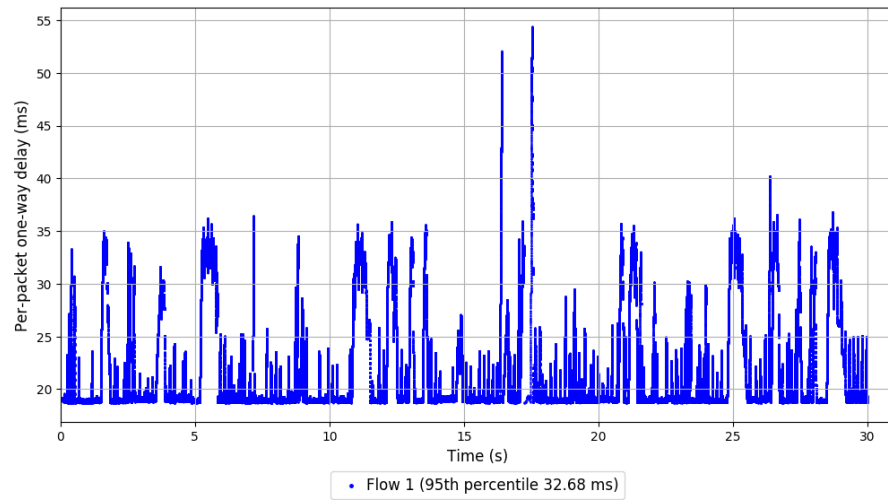
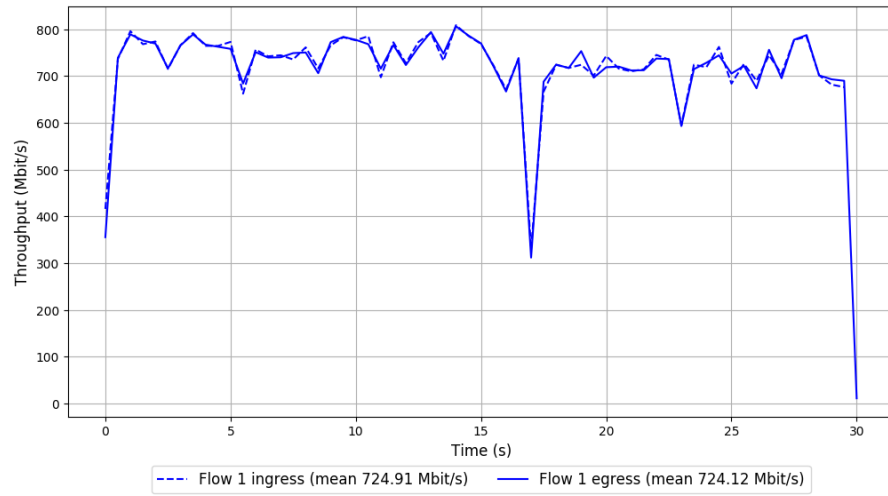


Run 7: Statistics of TCP BBR

Start at: 2018-03-13 08:24:52
End at: 2018-03-13 08:25:22
Local clock offset: 0.47 ms
Remote clock offset: -4.885 ms

Below is generated by plot.py at 2018-03-13 12:22:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 724.12 Mbit/s
95th percentile per-packet one-way delay: 32.682 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 724.12 Mbit/s
95th percentile per-packet one-way delay: 32.682 ms
Loss rate: 0.11%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-03-13 08:52:28

End at: 2018-03-13 08:52:58

Local clock offset: 0.91 ms

Remote clock offset: -5.941 ms

Below is generated by plot.py at 2018-03-13 12:22:53

Datalink statistics

-- Total of 1 flow:

Average throughput: 698.86 Mbit/s

95th percentile per-packet one-way delay: 31.237 ms

Loss rate: 0.35%

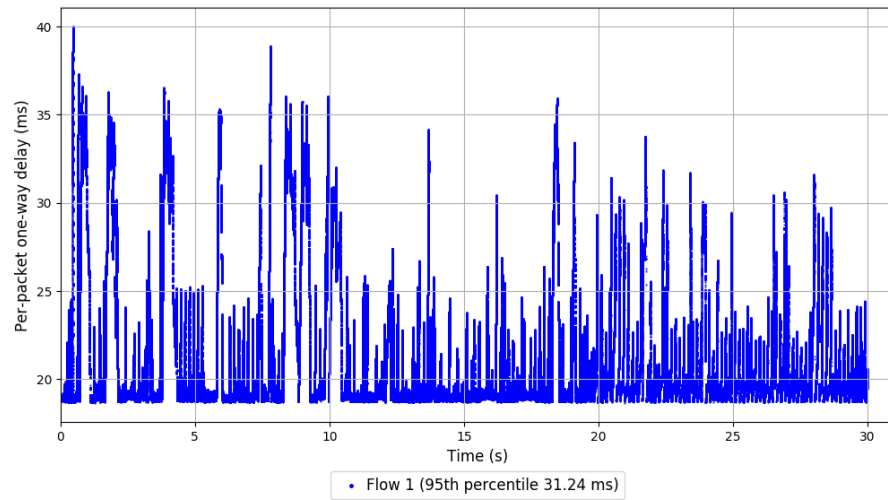
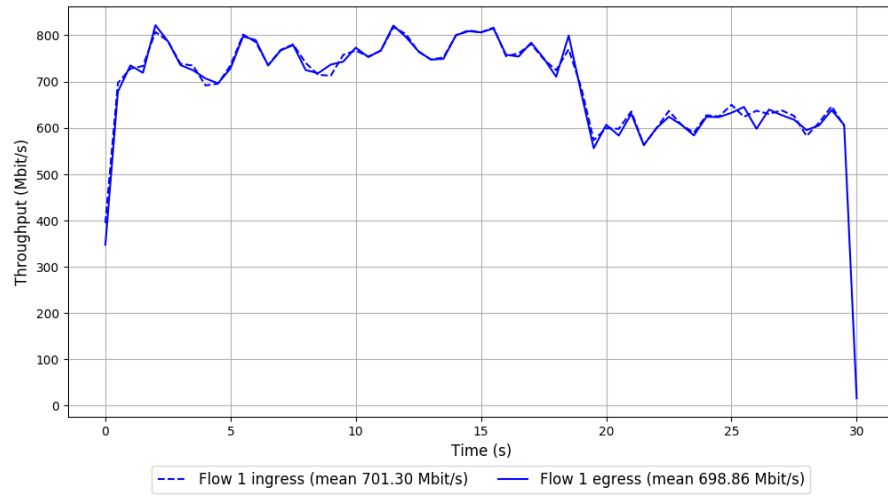
-- Flow 1:

Average throughput: 698.86 Mbit/s

95th percentile per-packet one-way delay: 31.237 ms

Loss rate: 0.35%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-03-13 09:19:57

End at: 2018-03-13 09:20:27

Local clock offset: 0.877 ms

Remote clock offset: -5.397 ms

Below is generated by plot.py at 2018-03-13 12:31:30

Datalink statistics

-- Total of 1 flow:

Average throughput: 744.13 Mbit/s

95th percentile per-packet one-way delay: 32.265 ms

Loss rate: 0.07%

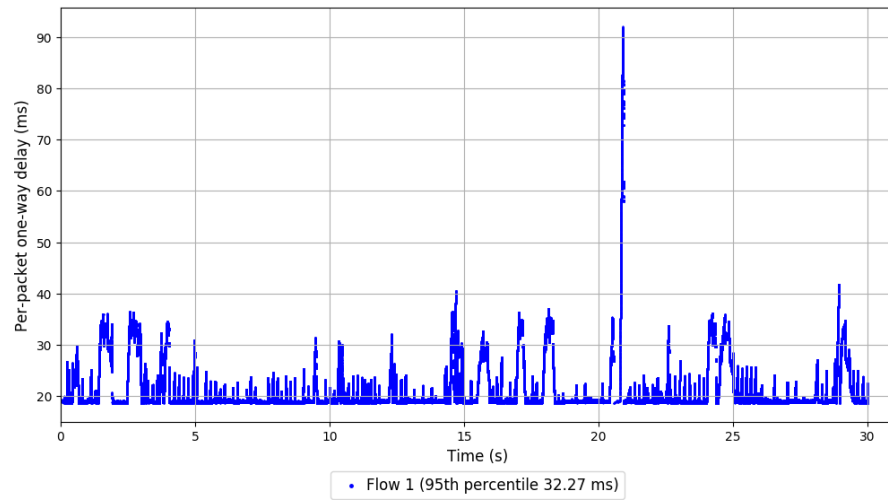
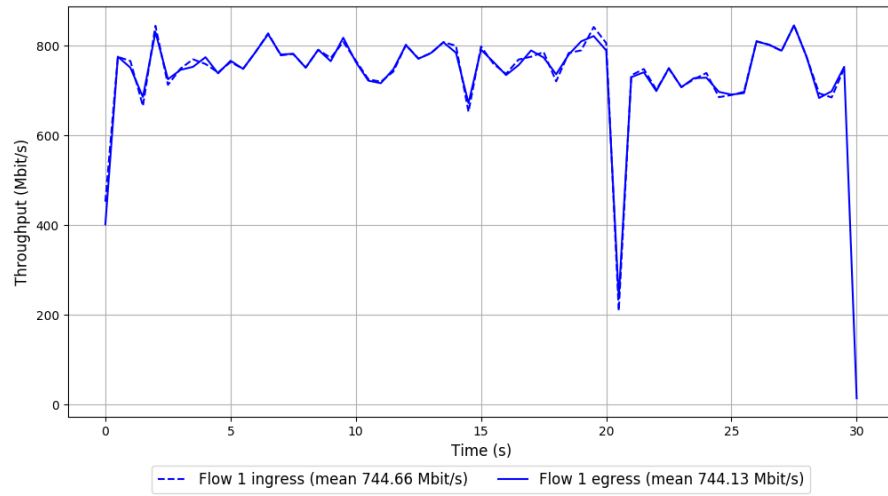
-- Flow 1:

Average throughput: 744.13 Mbit/s

95th percentile per-packet one-way delay: 32.265 ms

Loss rate: 0.07%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-03-13 09:47:46

End at: 2018-03-13 09:48:16

Local clock offset: 1.204 ms

Remote clock offset: -5.894 ms

Below is generated by plot.py at 2018-03-13 12:32:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 781.10 Mbit/s

95th percentile per-packet one-way delay: 33.364 ms

Loss rate: 0.10%

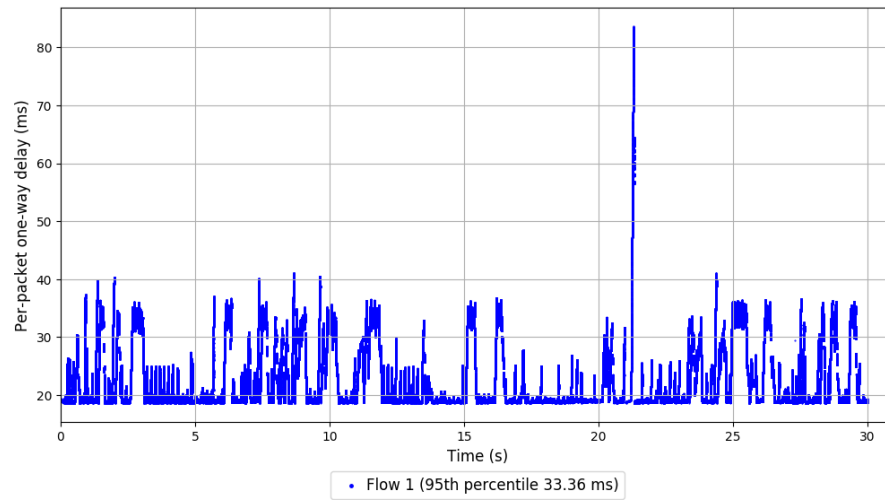
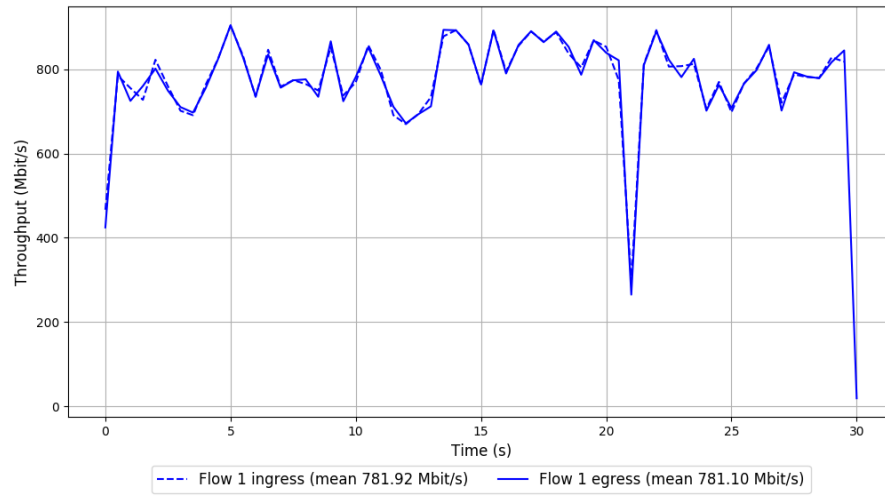
-- Flow 1:

Average throughput: 781.10 Mbit/s

95th percentile per-packet one-way delay: 33.364 ms

Loss rate: 0.10%

Run 10: Report of TCP BBR — Data Link

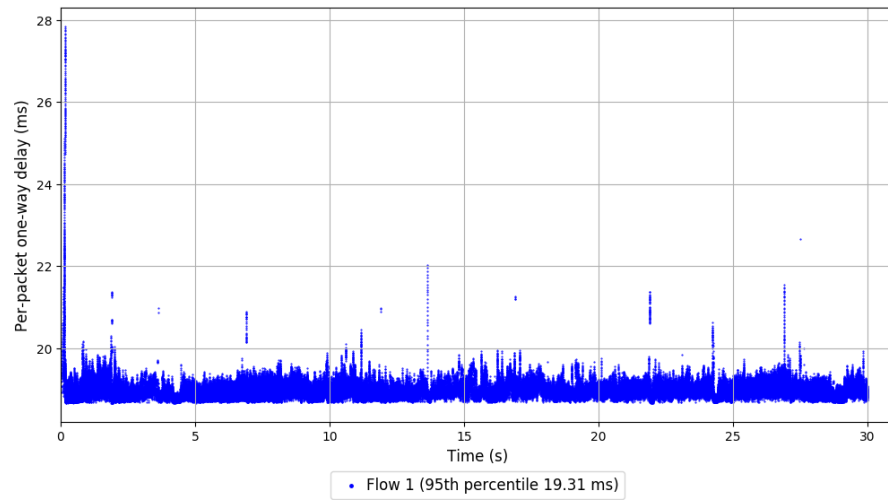
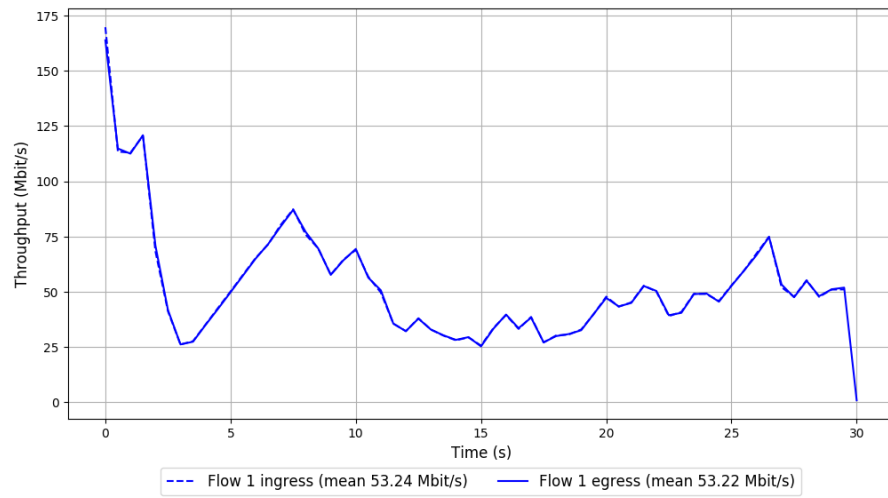


Run 1: Statistics of TCP Cubic

Start at: 2018-03-13 05:28:08
End at: 2018-03-13 05:28:38
Local clock offset: 2.015 ms
Remote clock offset: -5.134 ms

Below is generated by plot.py at 2018-03-13 12:32:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 53.22 Mbit/s
95th percentile per-packet one-way delay: 19.312 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 53.22 Mbit/s
95th percentile per-packet one-way delay: 19.312 ms
Loss rate: 0.05%

Run 1: Report of TCP Cubic — Data Link

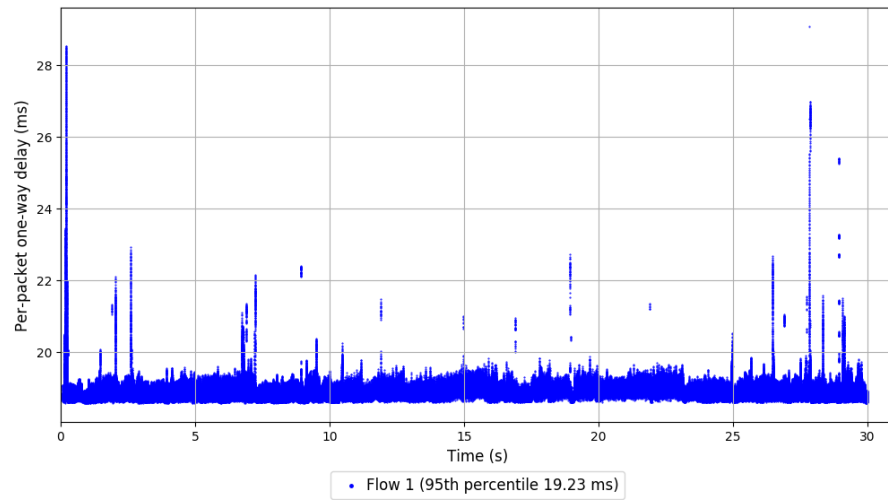
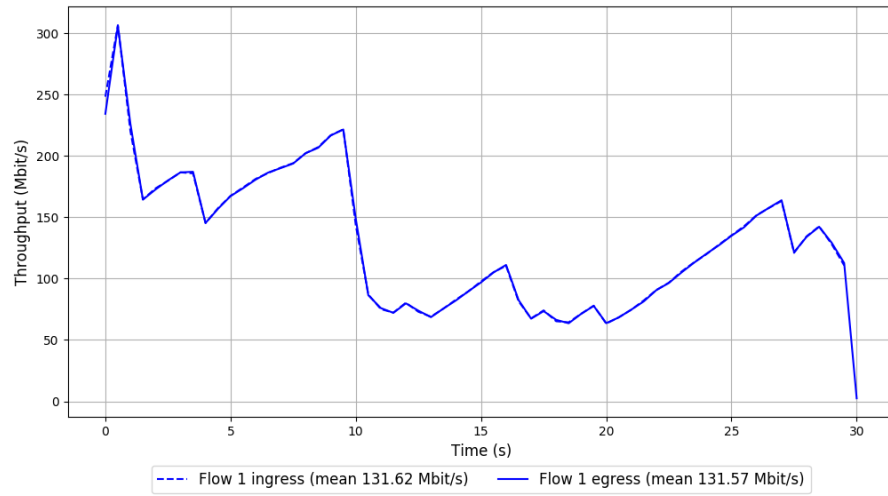


Run 2: Statistics of TCP Cubic

Start at: 2018-03-13 05:55:12
End at: 2018-03-13 05:55:42
Local clock offset: 2.25 ms
Remote clock offset: -5.205 ms

Below is generated by plot.py at 2018-03-13 12:32:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 131.57 Mbit/s
95th percentile per-packet one-way delay: 19.229 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 131.57 Mbit/s
95th percentile per-packet one-way delay: 19.229 ms
Loss rate: 0.04%

Run 2: Report of TCP Cubic — Data Link

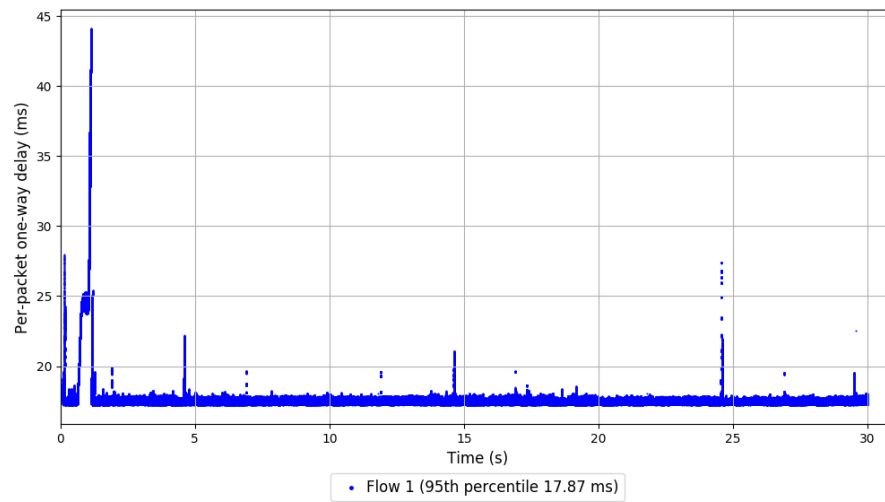
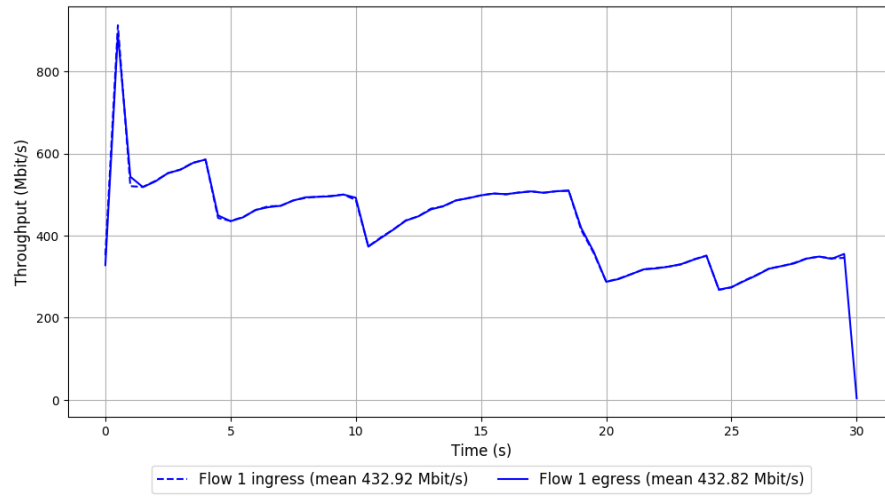


Run 3: Statistics of TCP Cubic

Start at: 2018-03-13 06:22:26
End at: 2018-03-13 06:22:56
Local clock offset: 1.357 ms
Remote clock offset: -5.552 ms

Below is generated by plot.py at 2018-03-13 12:32:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 432.82 Mbit/s
95th percentile per-packet one-way delay: 17.867 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 432.82 Mbit/s
95th percentile per-packet one-way delay: 17.867 ms
Loss rate: 0.03%

Run 3: Report of TCP Cubic — Data Link

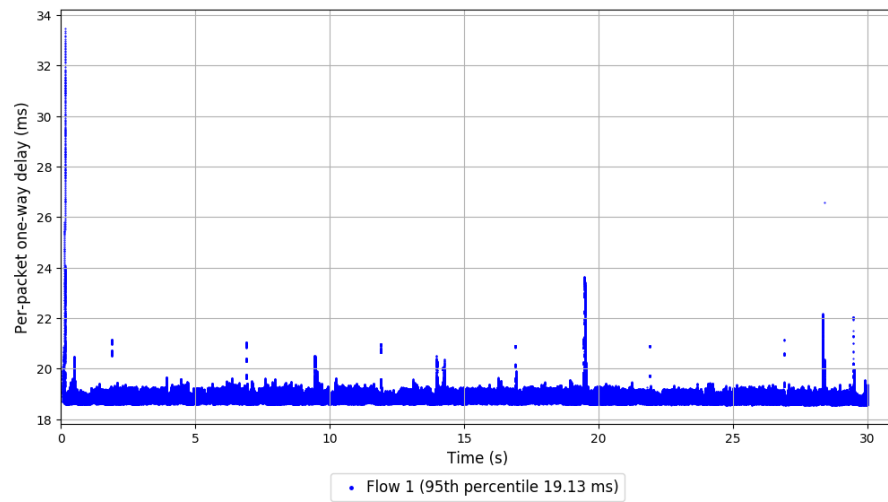
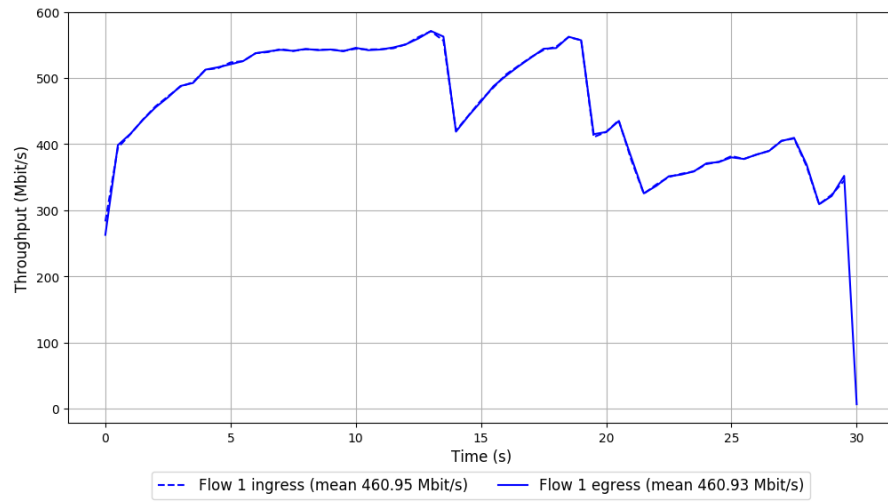


Run 4: Statistics of TCP Cubic

Start at: 2018-03-13 06:50:11
End at: 2018-03-13 06:50:41
Local clock offset: 1.109 ms
Remote clock offset: -6.263 ms

Below is generated by plot.py at 2018-03-13 12:32:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 460.93 Mbit/s
95th percentile per-packet one-way delay: 19.132 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 460.93 Mbit/s
95th percentile per-packet one-way delay: 19.132 ms
Loss rate: 0.01%

Run 4: Report of TCP Cubic — Data Link

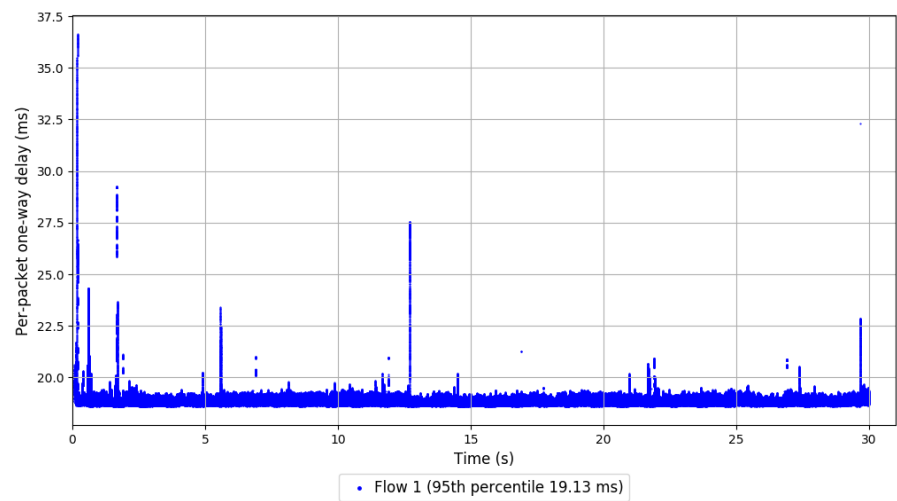
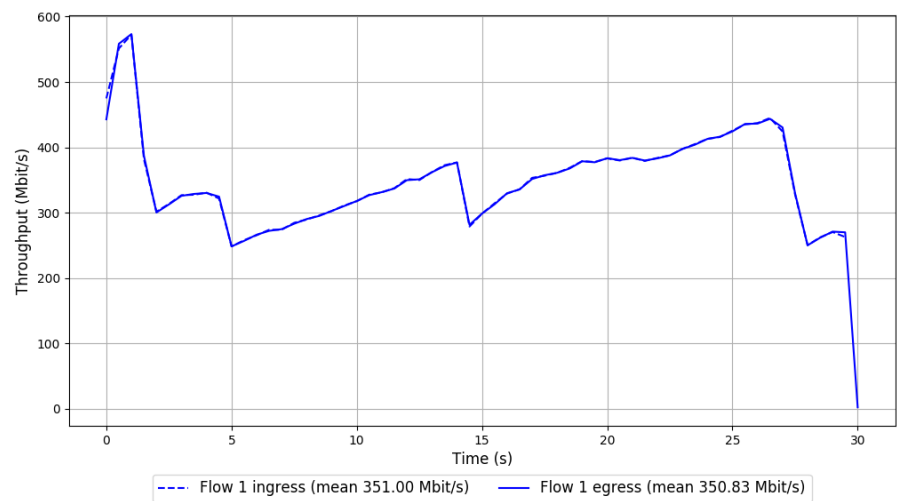


Run 5: Statistics of TCP Cubic

Start at: 2018-03-13 07:17:48
End at: 2018-03-13 07:18:18
Local clock offset: 1.089 ms
Remote clock offset: -4.723 ms

Below is generated by plot.py at 2018-03-13 12:32:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 350.83 Mbit/s
95th percentile per-packet one-way delay: 19.128 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 350.83 Mbit/s
95th percentile per-packet one-way delay: 19.128 ms
Loss rate: 0.05%

Run 5: Report of TCP Cubic — Data Link

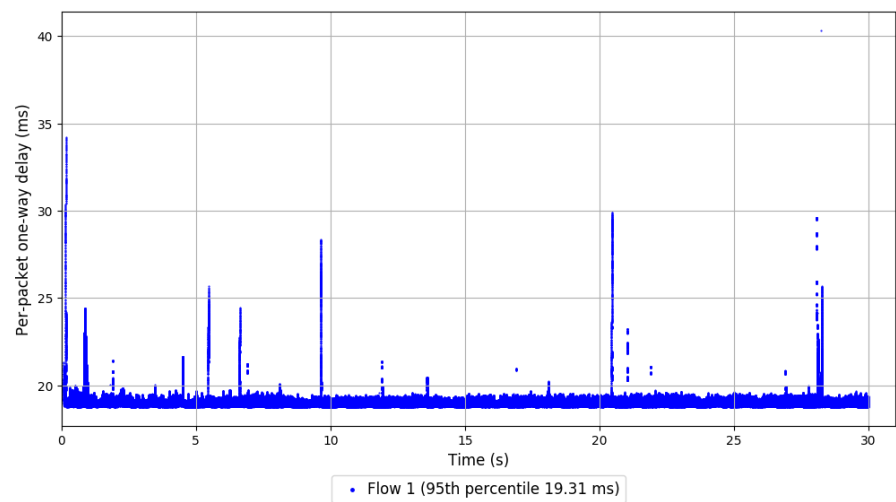
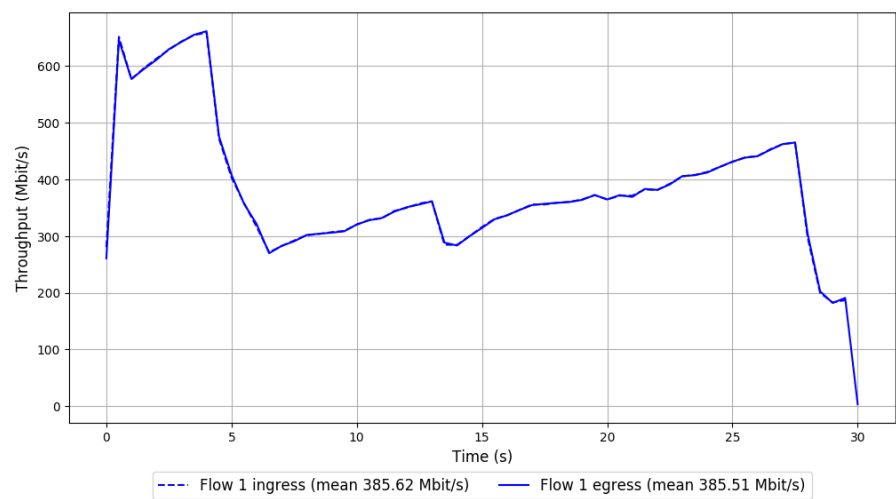


Run 6: Statistics of TCP Cubic

Start at: 2018-03-13 07:45:21
End at: 2018-03-13 07:45:51
Local clock offset: 1.046 ms
Remote clock offset: -6.034 ms

Below is generated by plot.py at 2018-03-13 12:32:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 385.51 Mbit/s
95th percentile per-packet one-way delay: 19.306 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 385.51 Mbit/s
95th percentile per-packet one-way delay: 19.306 ms
Loss rate: 0.03%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-03-13 08:13:00

End at: 2018-03-13 08:13:30

Local clock offset: 0.545 ms

Remote clock offset: -5.25 ms

Below is generated by plot.py at 2018-03-13 12:32:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 288.80 Mbit/s

95th percentile per-packet one-way delay: 19.660 ms

Loss rate: 0.04%

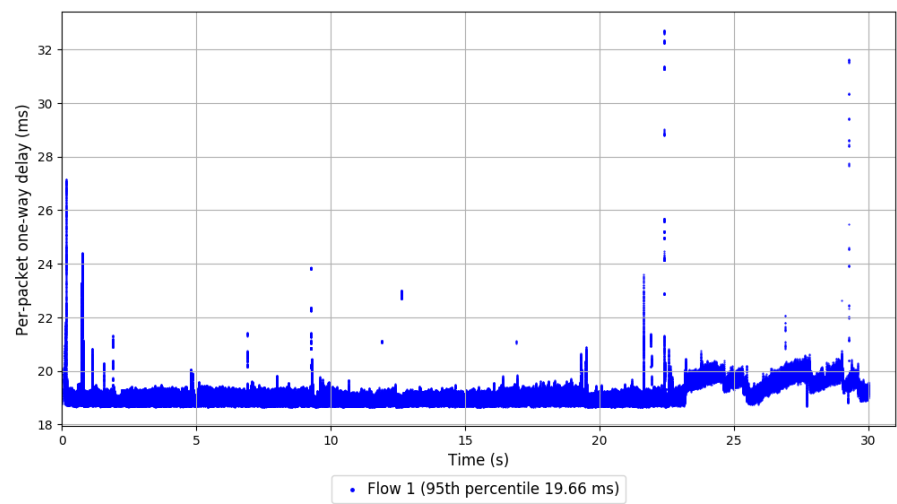
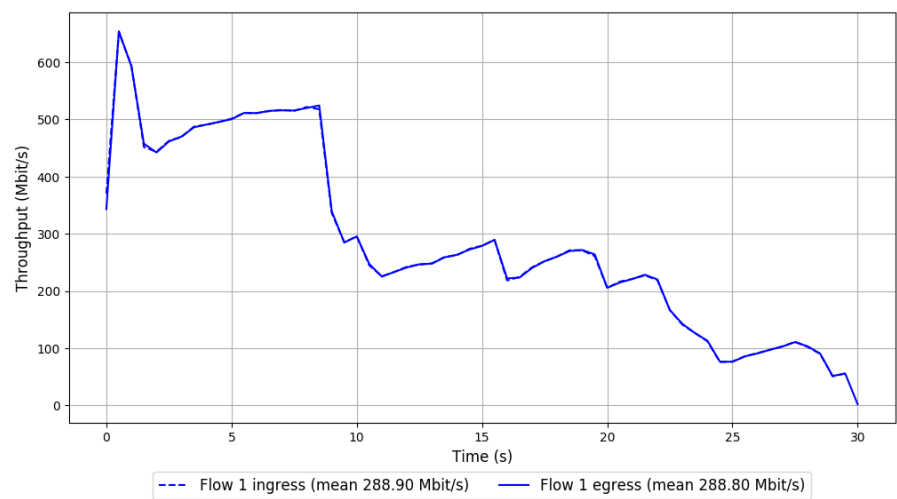
-- Flow 1:

Average throughput: 288.80 Mbit/s

95th percentile per-packet one-way delay: 19.660 ms

Loss rate: 0.04%

Run 7: Report of TCP Cubic — Data Link

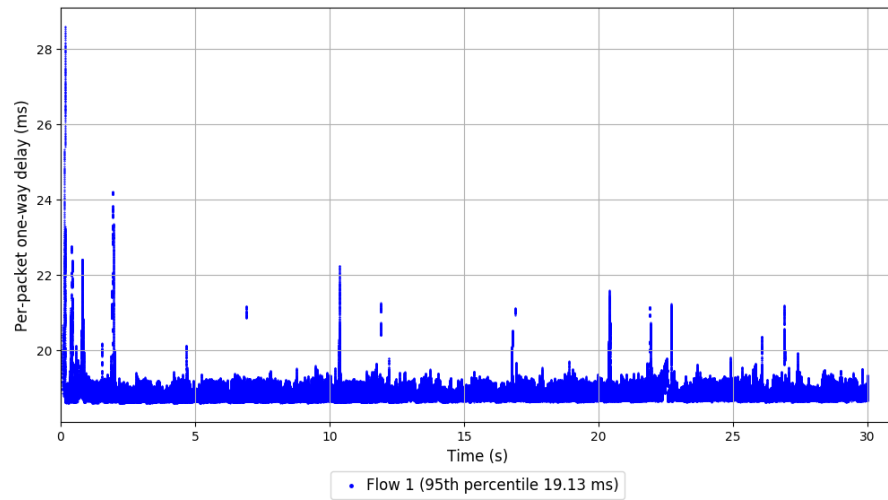
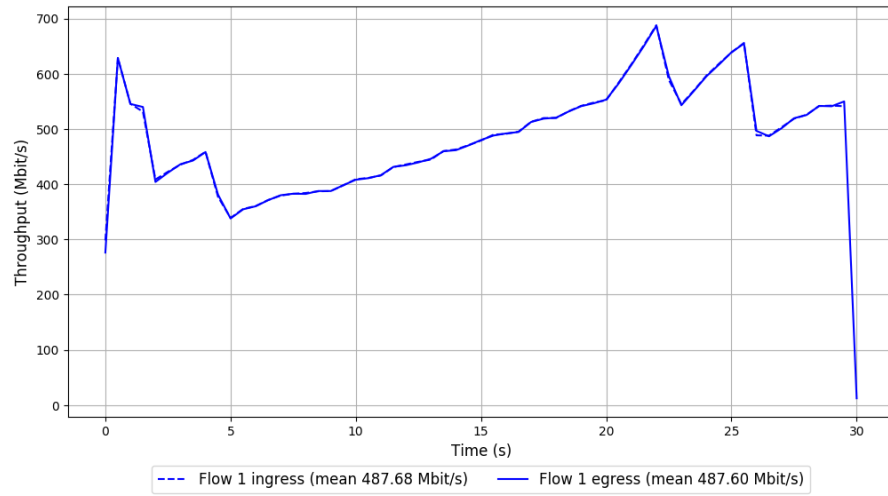


Run 8: Statistics of TCP Cubic

Start at: 2018-03-13 08:40:38
End at: 2018-03-13 08:41:08
Local clock offset: 0.938 ms
Remote clock offset: -5.548 ms

Below is generated by plot.py at 2018-03-13 12:32:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 487.60 Mbit/s
95th percentile per-packet one-way delay: 19.130 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 487.60 Mbit/s
95th percentile per-packet one-way delay: 19.130 ms
Loss rate: 0.02%

Run 8: Report of TCP Cubic — Data Link

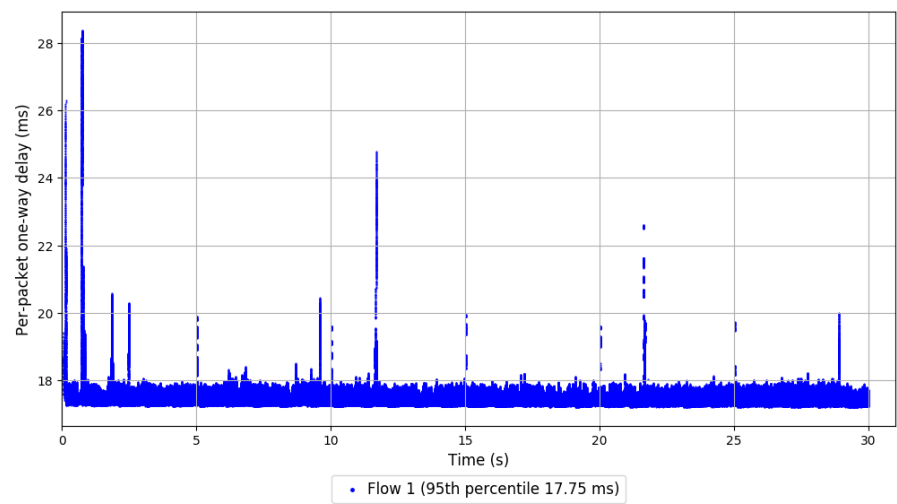
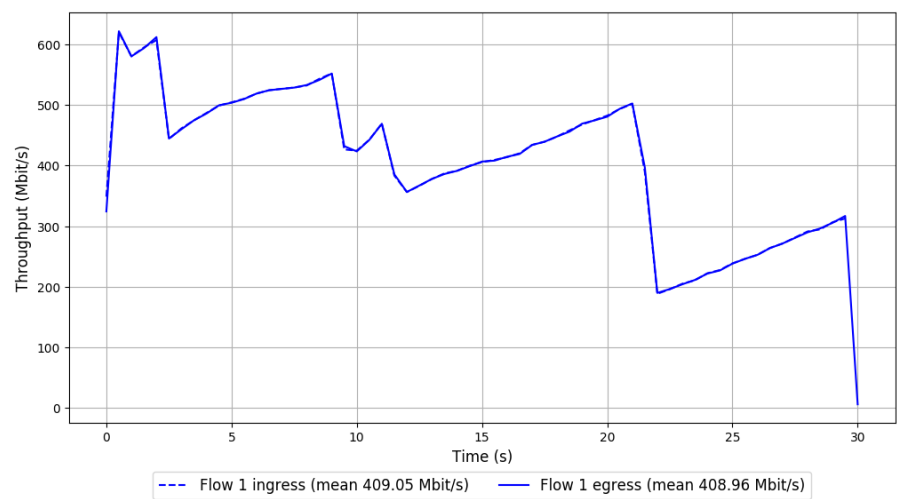


Run 9: Statistics of TCP Cubic

Start at: 2018-03-13 09:08:06
End at: 2018-03-13 09:08:36
Local clock offset: 0.874 ms
Remote clock offset: -6.034 ms

Below is generated by plot.py at 2018-03-13 12:32:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 408.96 Mbit/s
95th percentile per-packet one-way delay: 17.751 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 408.96 Mbit/s
95th percentile per-packet one-way delay: 17.751 ms
Loss rate: 0.02%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-03-13 09:35:45

End at: 2018-03-13 09:36:15

Local clock offset: 0.928 ms

Remote clock offset: -5.154 ms

Below is generated by plot.py at 2018-03-13 12:35:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 537.23 Mbit/s

95th percentile per-packet one-way delay: 25.472 ms

Loss rate: 0.05%

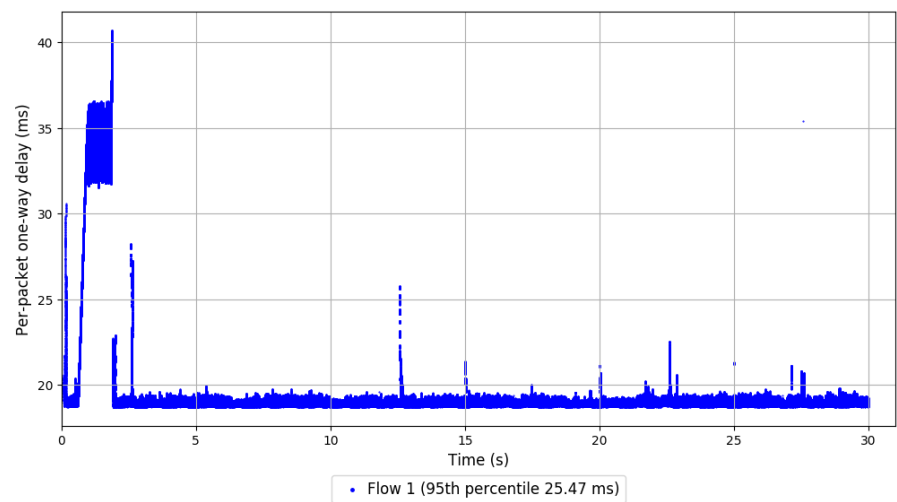
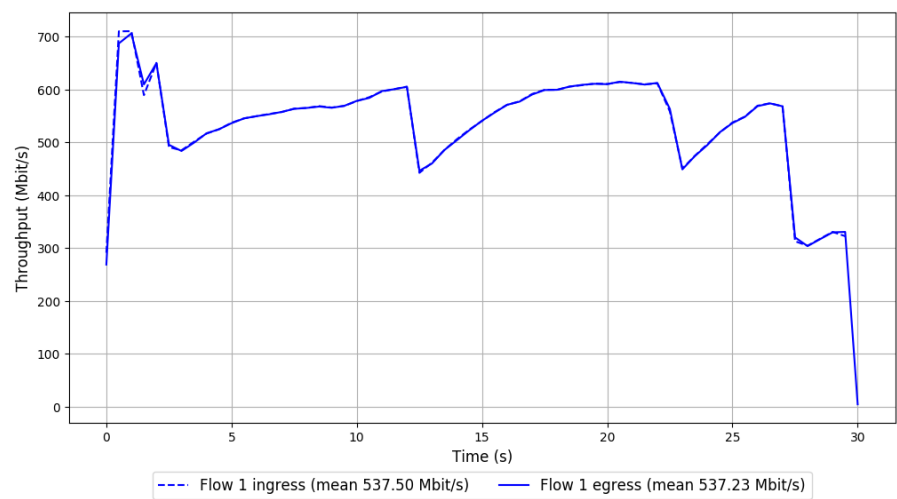
-- Flow 1:

Average throughput: 537.23 Mbit/s

95th percentile per-packet one-way delay: 25.472 ms

Loss rate: 0.05%

Run 10: Report of TCP Cubic — Data Link

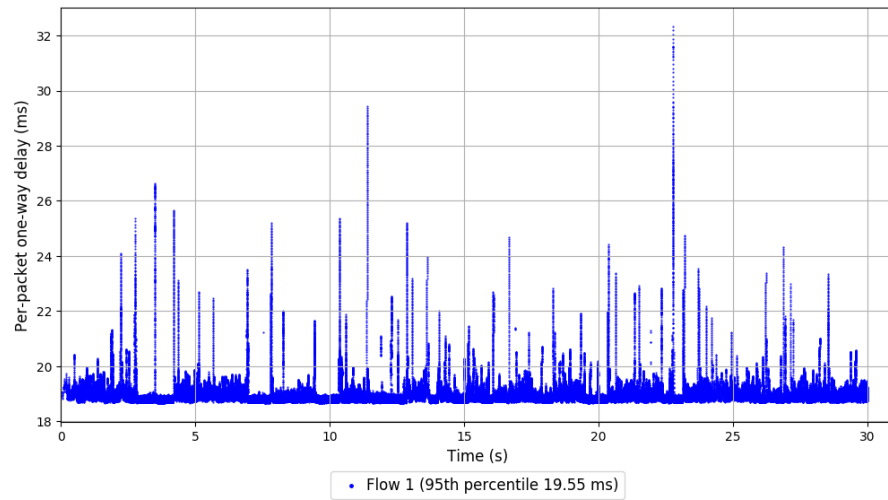
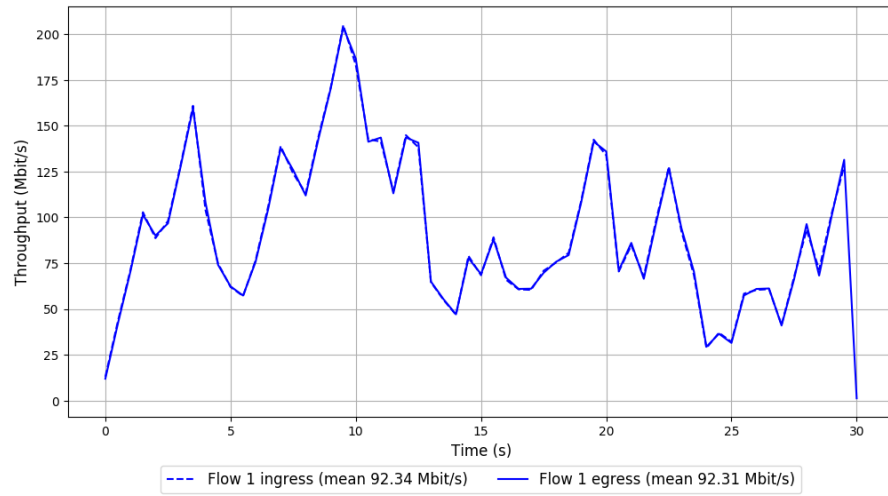


```
Run 1: Statistics of LEDBAT

Start at: 2018-03-13 05:52:28
End at: 2018-03-13 05:52:58
Local clock offset: 2.224 ms
Remote clock offset: -5.121 ms

# Below is generated by plot.py at 2018-03-13 12:35:23
# Datalink statistics
-- Total of 1 flow:
Average throughput: 92.31 Mbit/s
95th percentile per-packet one-way delay: 19.551 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 92.31 Mbit/s
95th percentile per-packet one-way delay: 19.551 ms
Loss rate: 0.03%
```

Run 1: Report of LEDBAT — Data Link

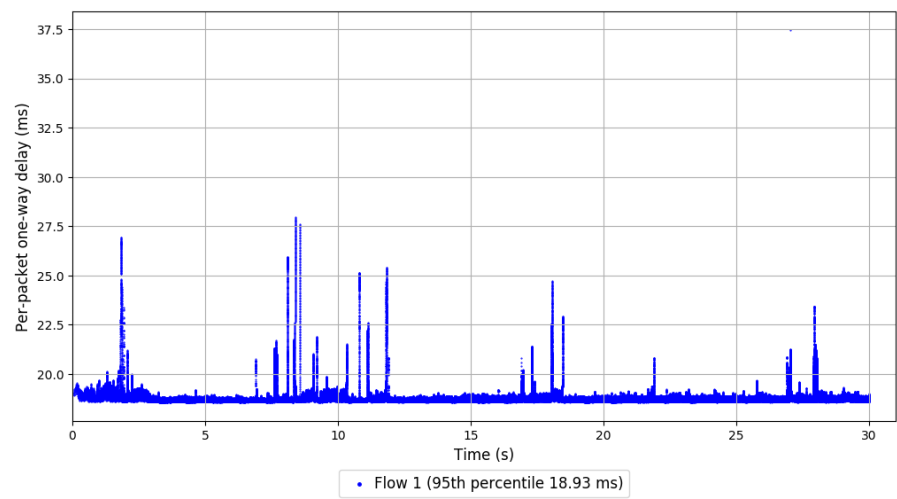
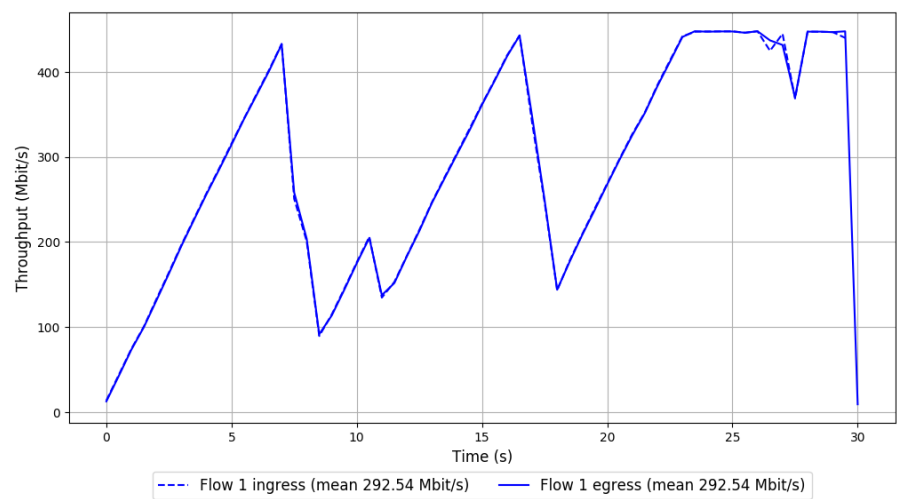


Run 2: Statistics of LEDBAT

Start at: 2018-03-13 06:19:29
End at: 2018-03-13 06:19:59
Local clock offset: 1.457 ms
Remote clock offset: -5.436 ms

Below is generated by plot.py at 2018-03-13 12:35:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 292.54 Mbit/s
95th percentile per-packet one-way delay: 18.928 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 292.54 Mbit/s
95th percentile per-packet one-way delay: 18.928 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

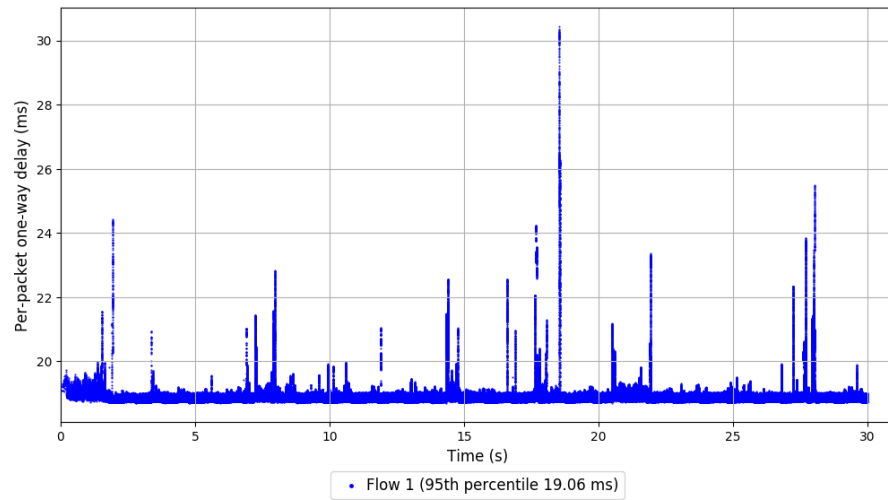
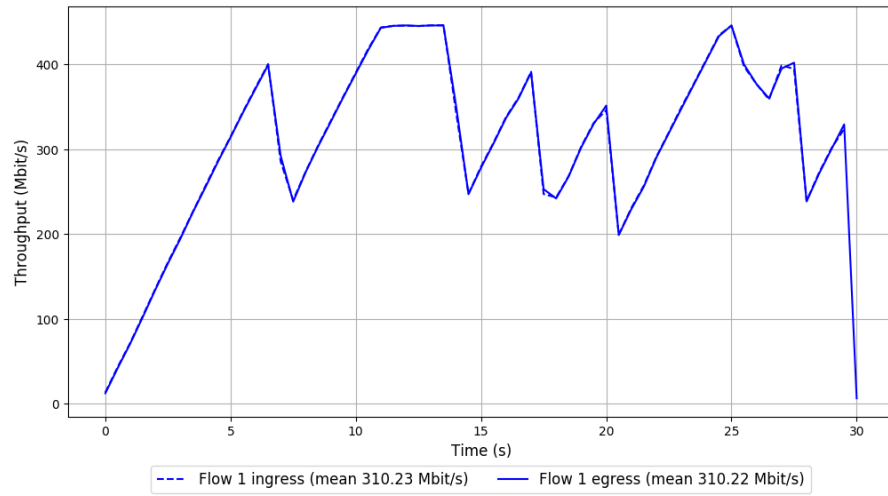


Run 3: Statistics of LEDBAT

Start at: 2018-03-13 06:47:13
End at: 2018-03-13 06:47:43
Local clock offset: 0.984 ms
Remote clock offset: -6.209 ms

Below is generated by plot.py at 2018-03-13 12:35:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 310.22 Mbit/s
95th percentile per-packet one-way delay: 19.063 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 310.22 Mbit/s
95th percentile per-packet one-way delay: 19.063 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

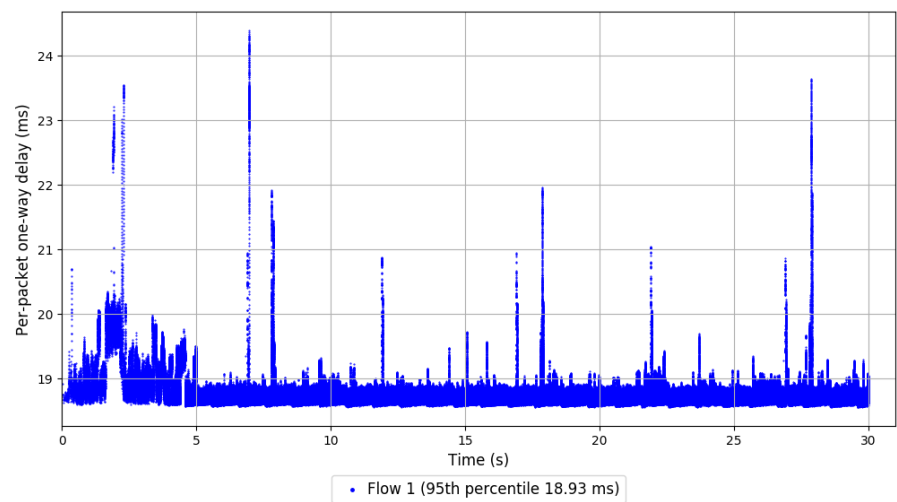
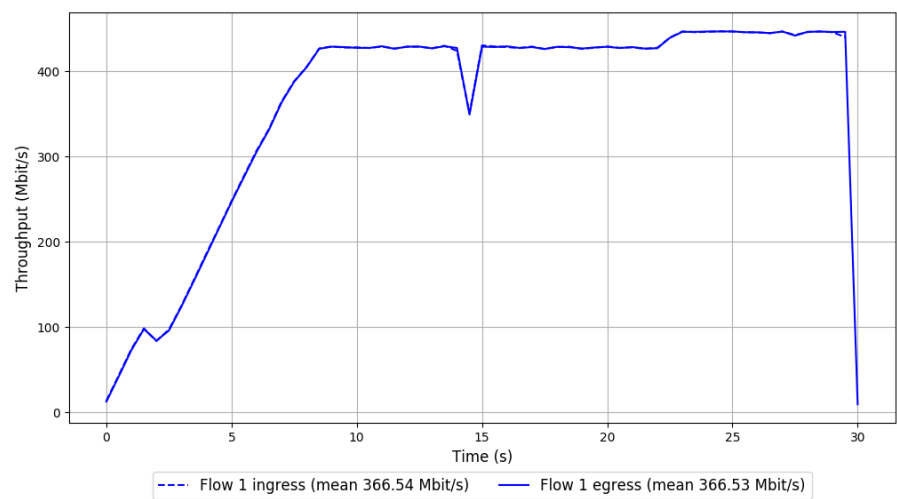


Run 4: Statistics of LEDBAT

Start at: 2018-03-13 07:14:42
End at: 2018-03-13 07:15:12
Local clock offset: 1.033 ms
Remote clock offset: -4.774 ms

Below is generated by plot.py at 2018-03-13 12:35:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 366.53 Mbit/s
95th percentile per-packet one-way delay: 18.931 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 366.53 Mbit/s
95th percentile per-packet one-way delay: 18.931 ms
Loss rate: 0.01%

Run 4: Report of LEDBAT — Data Link

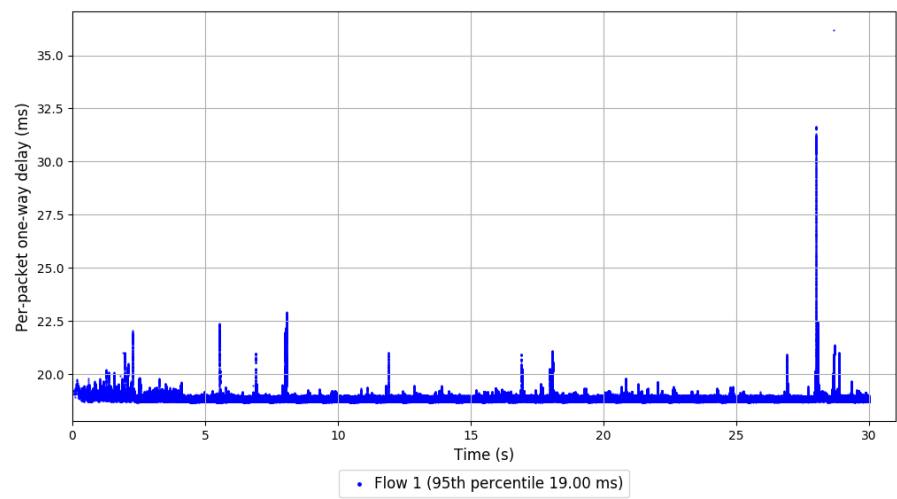
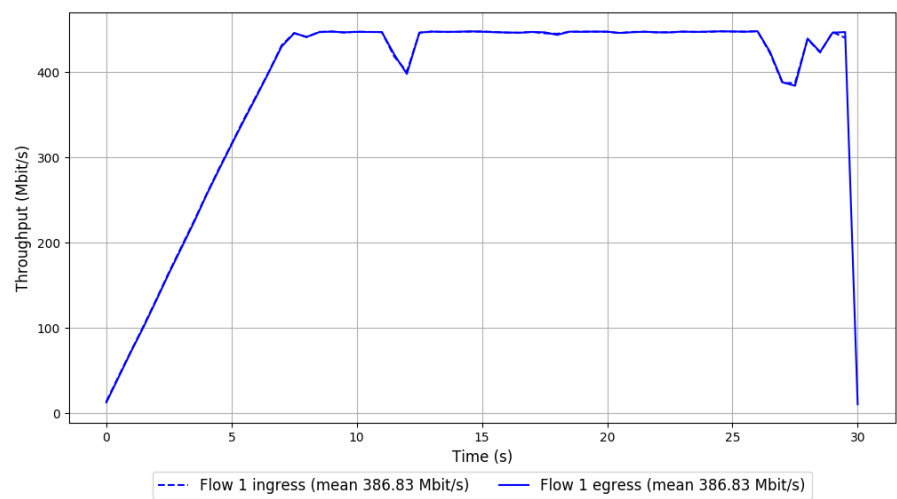


Run 5: Statistics of LEDBAT

Start at: 2018-03-13 07:42:21
End at: 2018-03-13 07:42:51
Local clock offset: 1.177 ms
Remote clock offset: -5.945 ms

Below is generated by plot.py at 2018-03-13 12:36:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 386.83 Mbit/s
95th percentile per-packet one-way delay: 18.999 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 386.83 Mbit/s
95th percentile per-packet one-way delay: 18.999 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

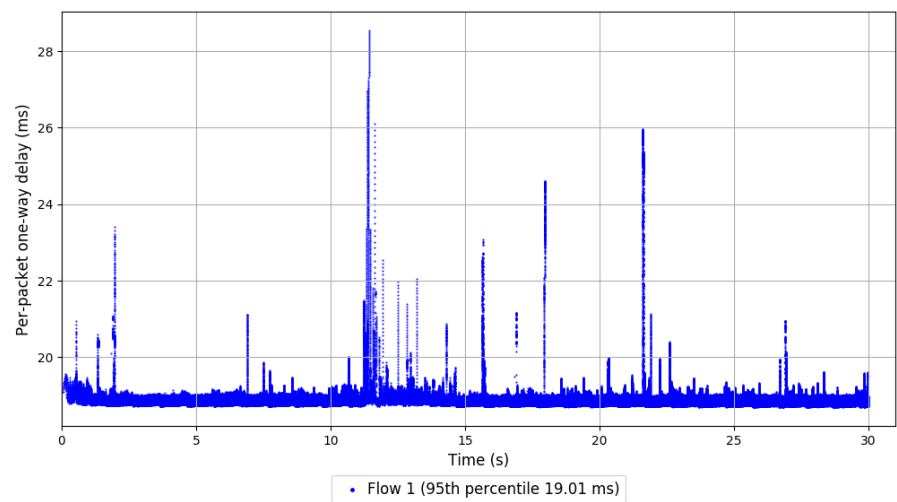
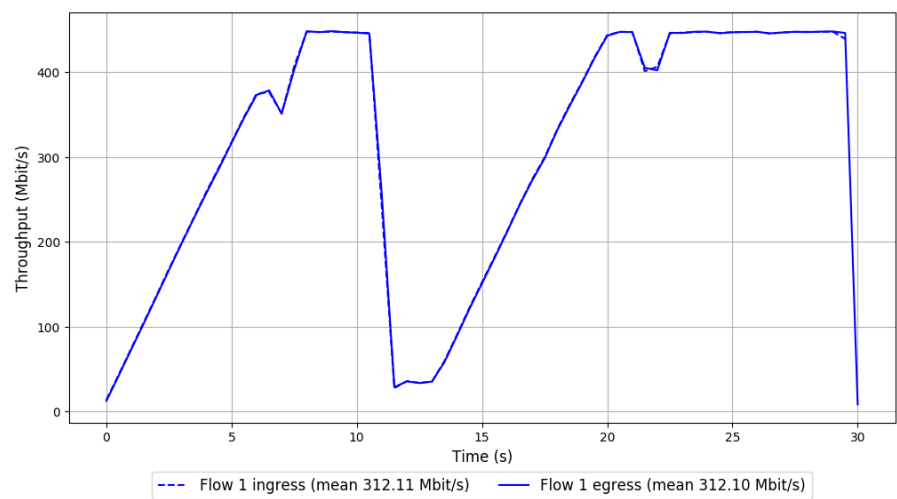


Run 6: Statistics of LEDBAT

Start at: 2018-03-13 08:09:57
End at: 2018-03-13 08:10:27
Local clock offset: 0.615 ms
Remote clock offset: -5.286 ms

Below is generated by plot.py at 2018-03-13 12:36:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 312.10 Mbit/s
95th percentile per-packet one-way delay: 19.011 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 312.10 Mbit/s
95th percentile per-packet one-way delay: 19.011 ms
Loss rate: 0.01%

Run 6: Report of LEDBAT — Data Link

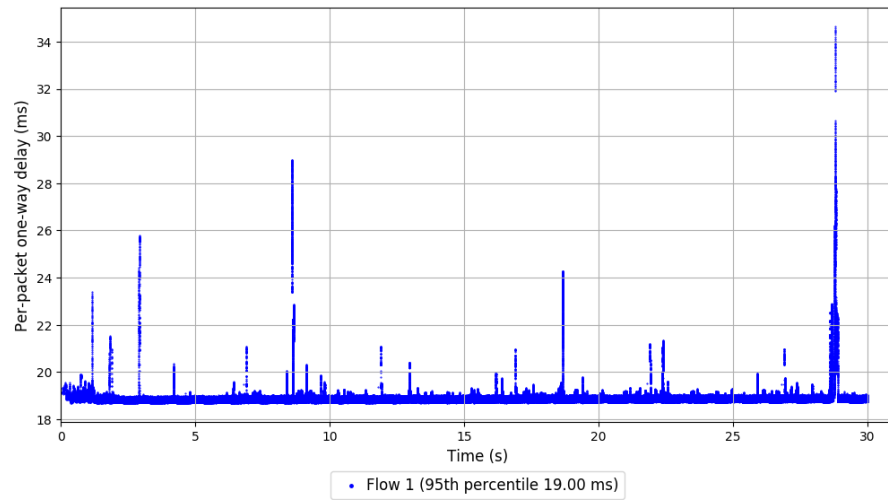
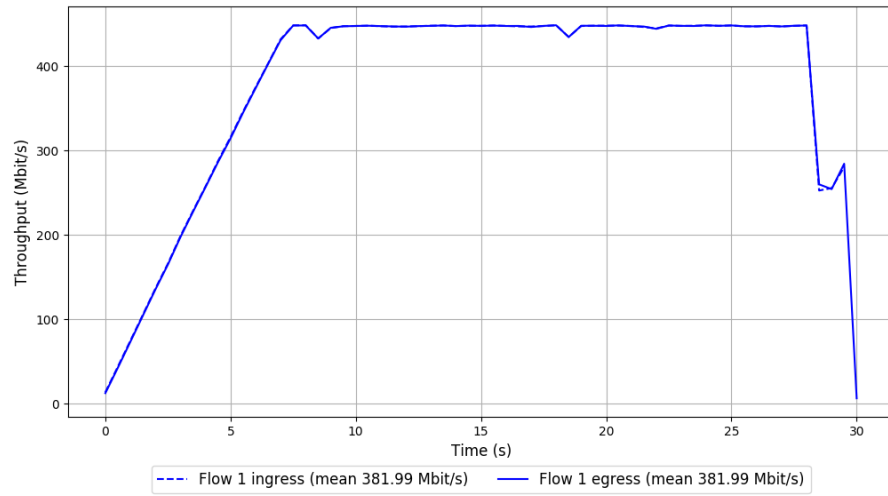


Run 7: Statistics of LEDBAT

Start at: 2018-03-13 08:37:40
End at: 2018-03-13 08:38:10
Local clock offset: 0.884 ms
Remote clock offset: -5.255 ms

Below is generated by plot.py at 2018-03-13 12:38:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 381.99 Mbit/s
95th percentile per-packet one-way delay: 19.005 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 381.99 Mbit/s
95th percentile per-packet one-way delay: 19.005 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

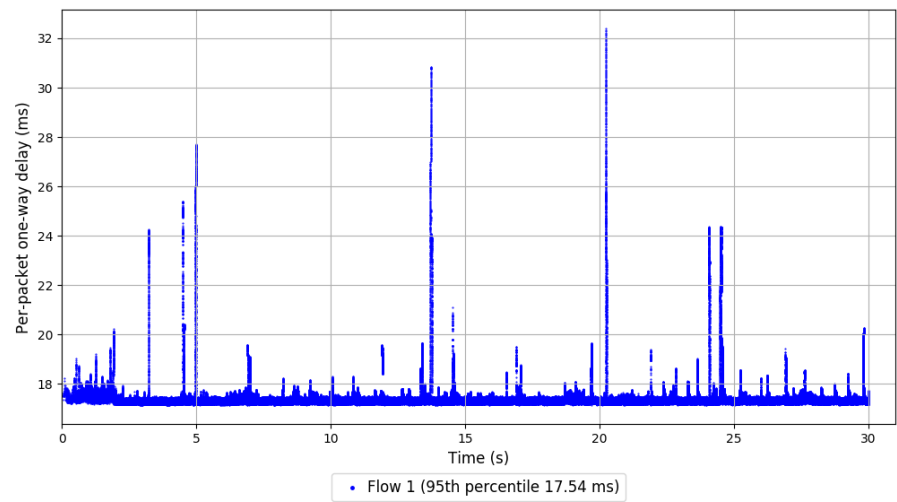
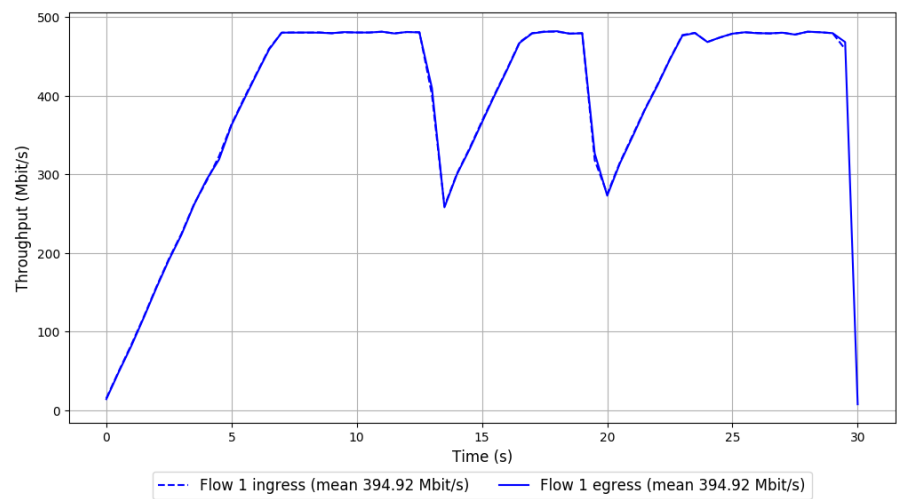


Run 8: Statistics of LEDBAT

Start at: 2018-03-13 09:05:03
End at: 2018-03-13 09:05:33
Local clock offset: 0.961 ms
Remote clock offset: -6.143 ms

Below is generated by plot.py at 2018-03-13 12:38:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 394.92 Mbit/s
95th percentile per-packet one-way delay: 17.539 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 394.92 Mbit/s
95th percentile per-packet one-way delay: 17.539 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

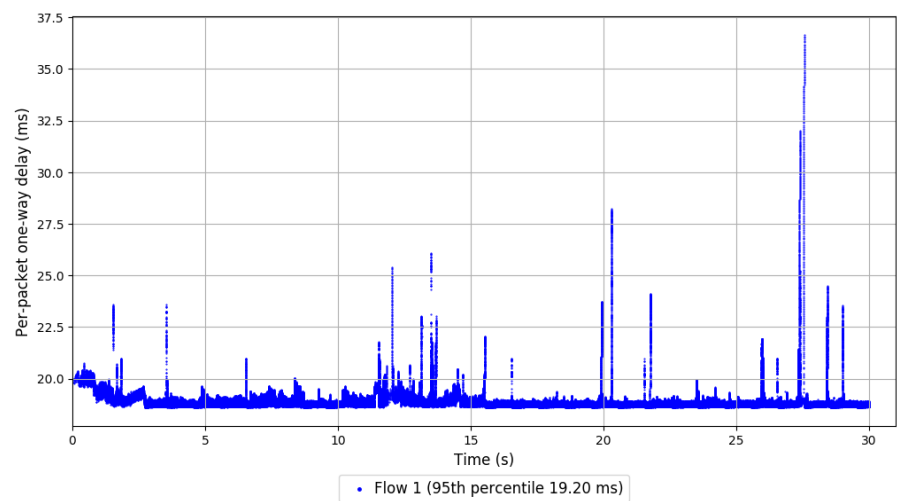
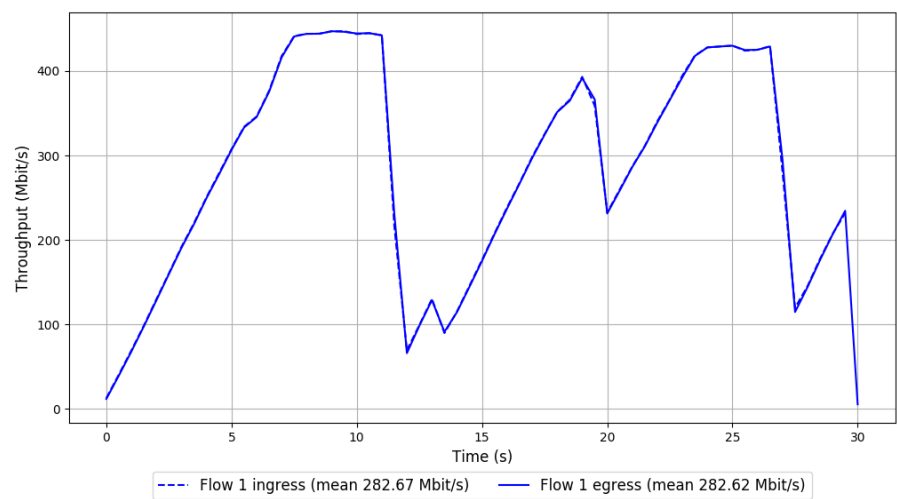


Run 9: Statistics of LEDBAT

Start at: 2018-03-13 09:32:44
End at: 2018-03-13 09:33:14
Local clock offset: 0.956 ms
Remote clock offset: -5.167 ms

Below is generated by plot.py at 2018-03-13 12:38:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 282.62 Mbit/s
95th percentile per-packet one-way delay: 19.202 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 282.62 Mbit/s
95th percentile per-packet one-way delay: 19.202 ms
Loss rate: 0.03%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-03-13 10:00:20

End at: 2018-03-13 10:00:50

Local clock offset: 1.297 ms

Remote clock offset: -6.486 ms

Below is generated by plot.py at 2018-03-13 12:38:25

Datalink statistics

-- Total of 1 flow:

Average throughput: 326.14 Mbit/s

95th percentile per-packet one-way delay: 18.901 ms

Loss rate: 0.01%

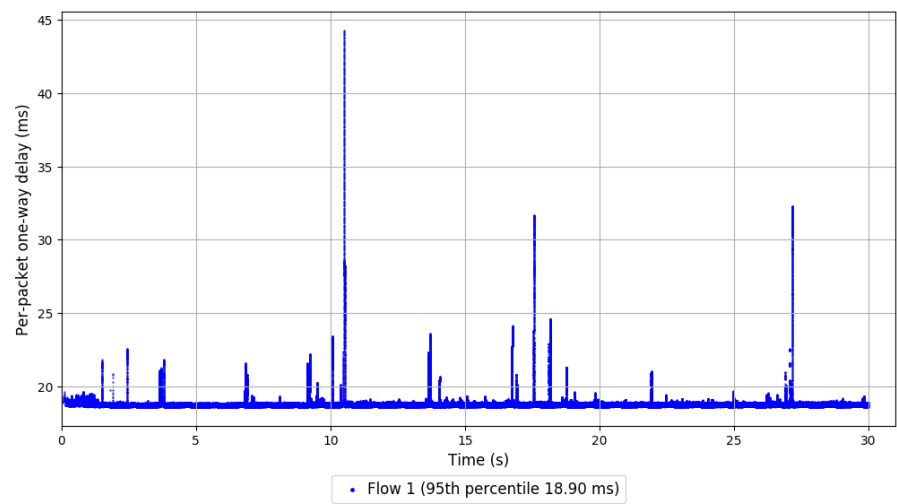
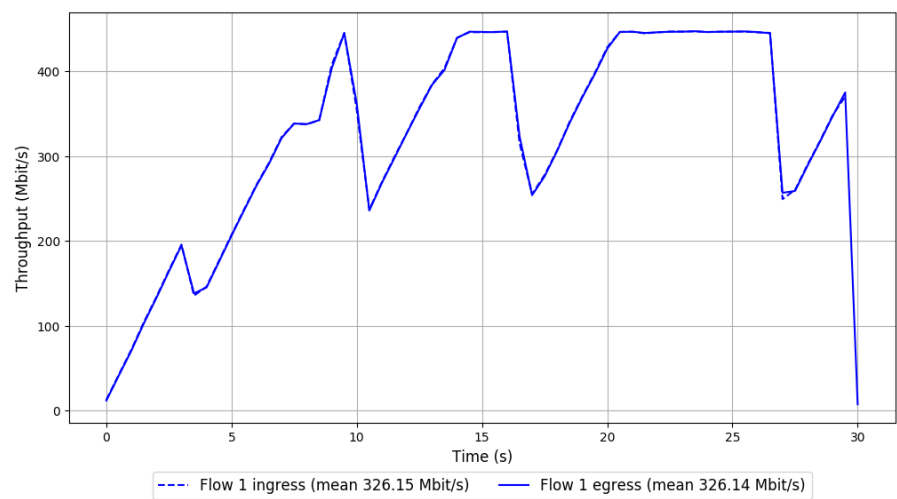
-- Flow 1:

Average throughput: 326.14 Mbit/s

95th percentile per-packet one-way delay: 18.901 ms

Loss rate: 0.01%

Run 10: Report of LEDBAT — Data Link

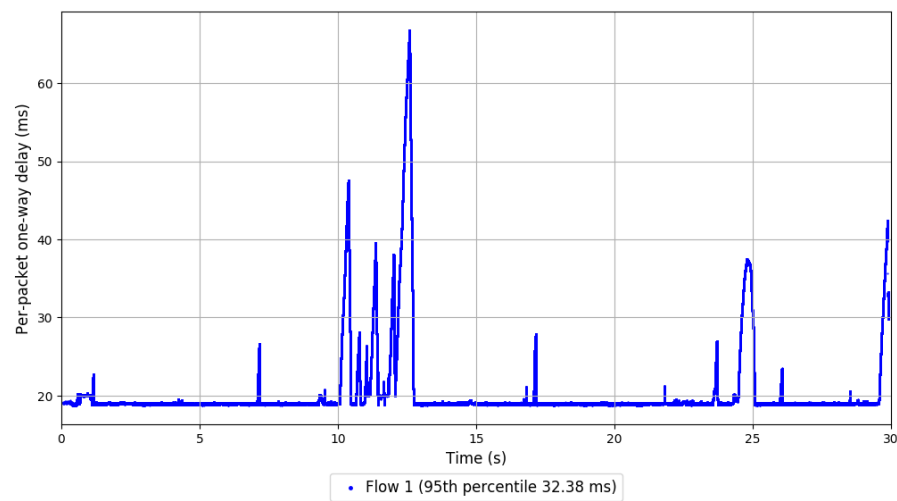
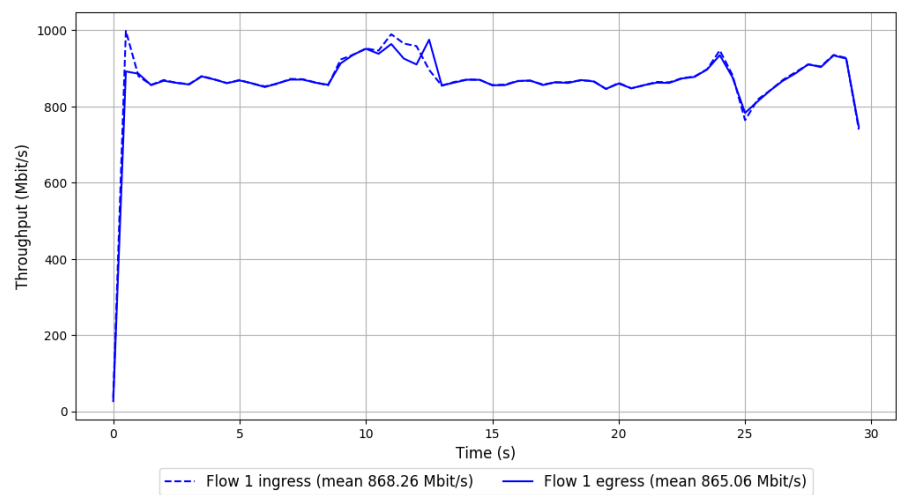


Run 1: Statistics of PCC

Start at: 2018-03-13 05:44:54
End at: 2018-03-13 05:45:24
Local clock offset: 2.085 ms
Remote clock offset: -5.066 ms

Below is generated by plot.py at 2018-03-13 12:46:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 865.06 Mbit/s
95th percentile per-packet one-way delay: 32.381 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 865.06 Mbit/s
95th percentile per-packet one-way delay: 32.381 ms
Loss rate: 0.37%

Run 1: Report of PCC — Data Link

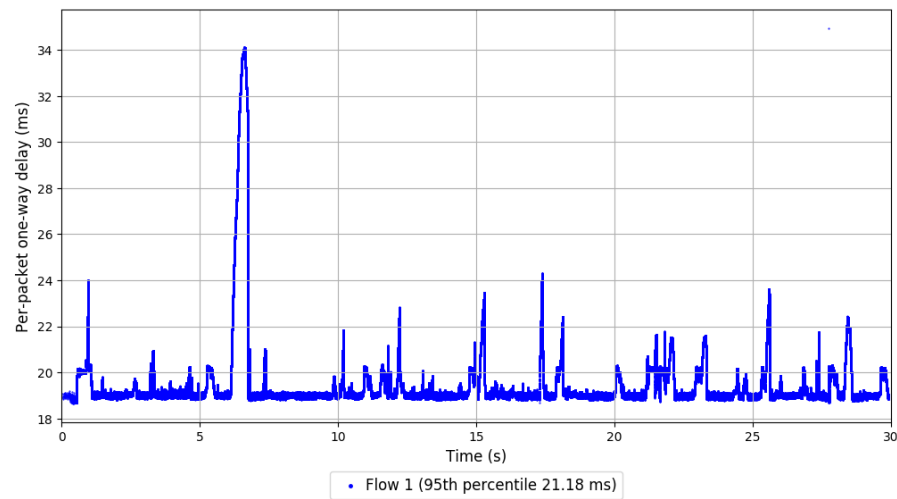
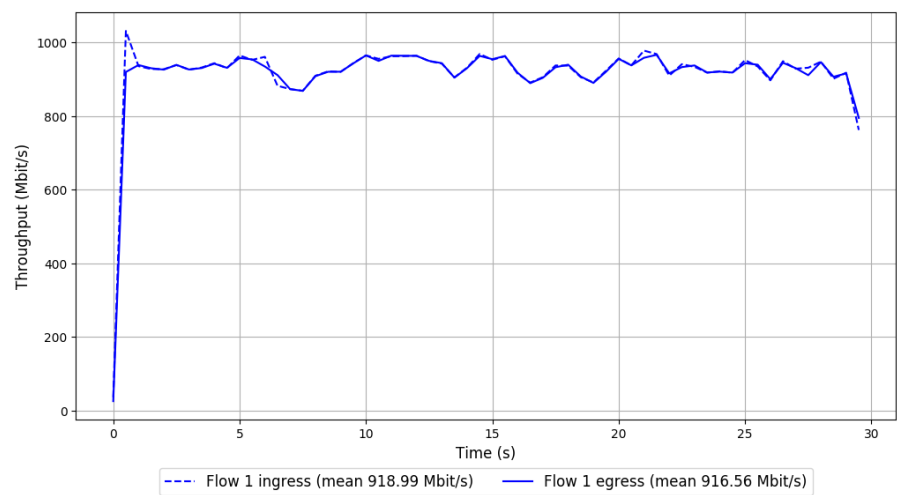


Run 2: Statistics of PCC

Start at: 2018-03-13 06:11:53
End at: 2018-03-13 06:12:23
Local clock offset: 1.834 ms
Remote clock offset: -5.167 ms

Below is generated by plot.py at 2018-03-13 12:49:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 916.56 Mbit/s
95th percentile per-packet one-way delay: 21.177 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 916.56 Mbit/s
95th percentile per-packet one-way delay: 21.177 ms
Loss rate: 0.26%

Run 2: Report of PCC — Data Link

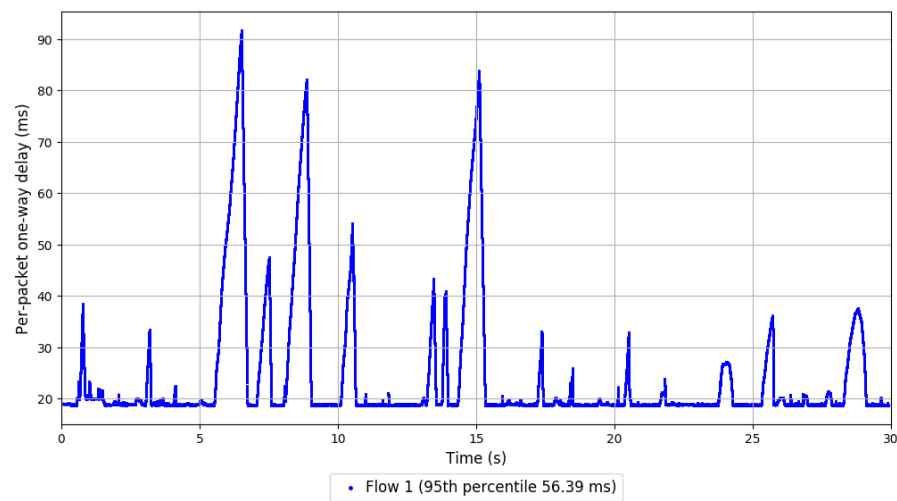
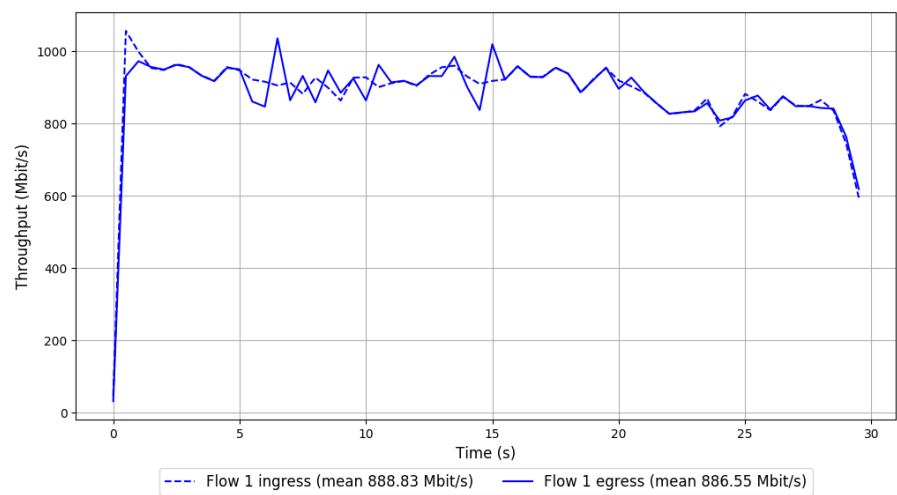


Run 3: Statistics of PCC

Start at: 2018-03-13 06:39:36
End at: 2018-03-13 06:40:06
Local clock offset: 0.969 ms
Remote clock offset: -6.135 ms

Below is generated by plot.py at 2018-03-13 12:49:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 886.55 Mbit/s
95th percentile per-packet one-way delay: 56.387 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 886.55 Mbit/s
95th percentile per-packet one-way delay: 56.387 ms
Loss rate: 0.26%

Run 3: Report of PCC — Data Link

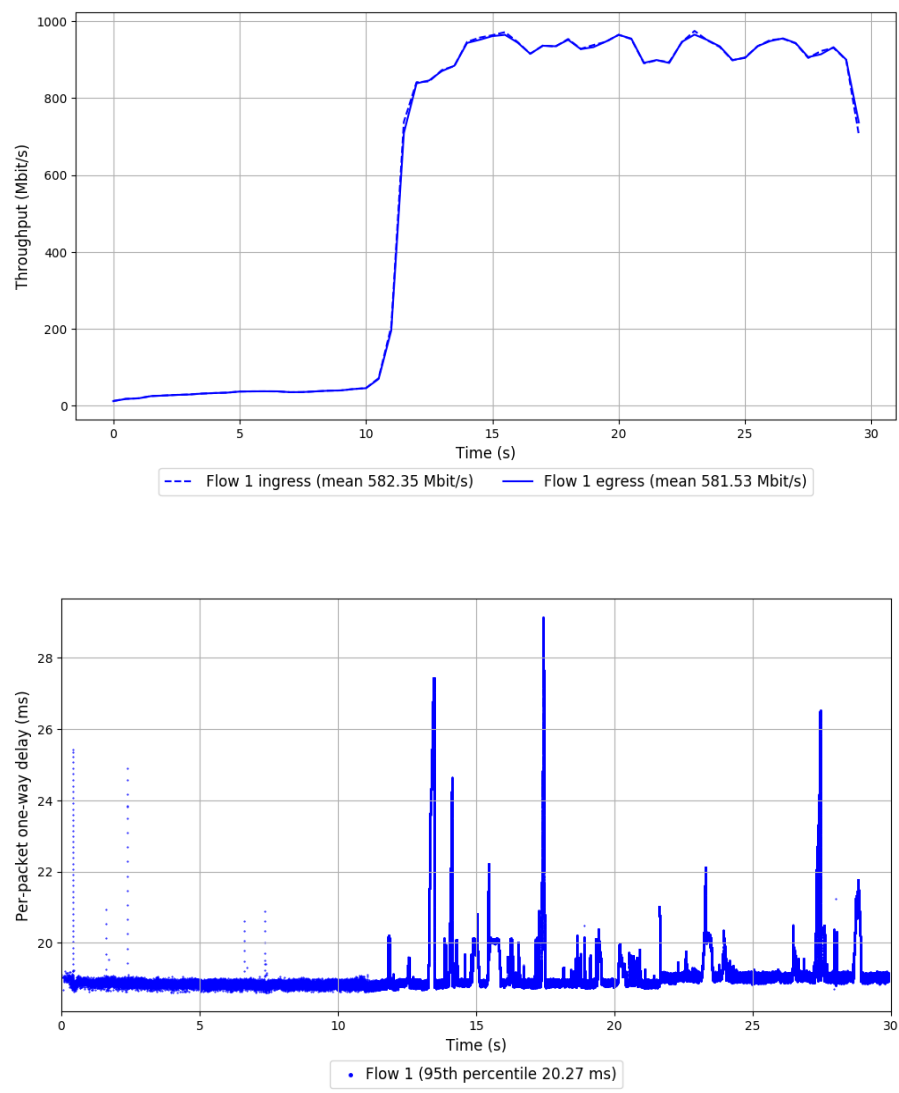


Run 4: Statistics of PCC

Start at: 2018-03-13 07:07:12
End at: 2018-03-13 07:07:42
Local clock offset: 1.069 ms
Remote clock offset: -4.858 ms

Below is generated by plot.py at 2018-03-13 12:49:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 581.53 Mbit/s
95th percentile per-packet one-way delay: 20.274 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 581.53 Mbit/s
95th percentile per-packet one-way delay: 20.274 ms
Loss rate: 0.15%

Run 4: Report of PCC — Data Link

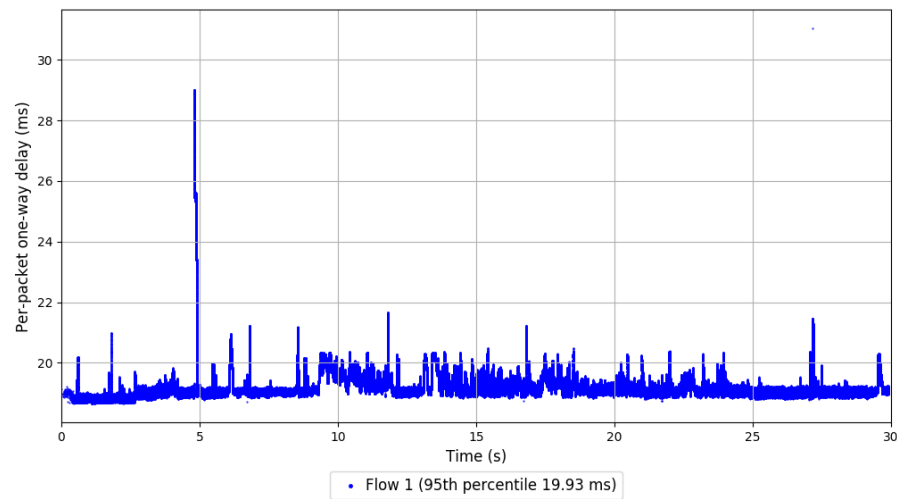
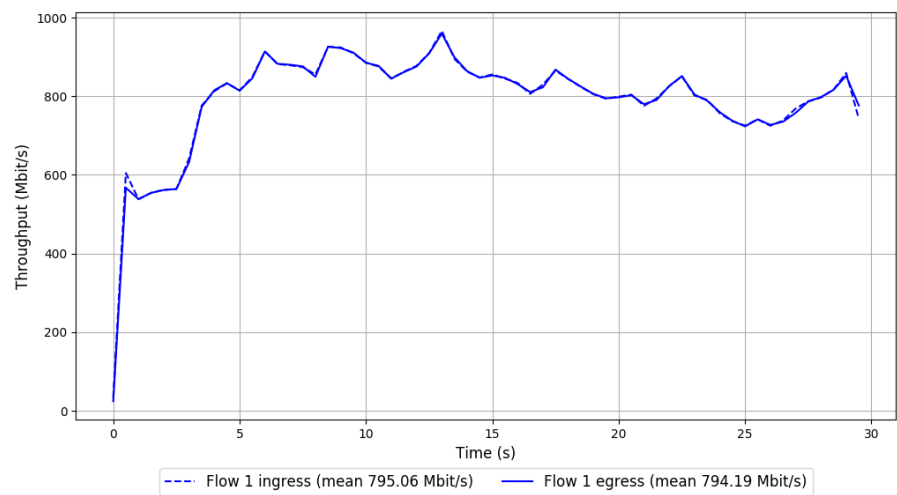


Run 5: Statistics of PCC

Start at: 2018-03-13 07:34:44
End at: 2018-03-13 07:35:15
Local clock offset: 1.254 ms
Remote clock offset: -5.618 ms

Below is generated by plot.py at 2018-03-13 12:49:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 794.19 Mbit/s
95th percentile per-packet one-way delay: 19.934 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 794.19 Mbit/s
95th percentile per-packet one-way delay: 19.934 ms
Loss rate: 0.11%

Run 5: Report of PCC — Data Link

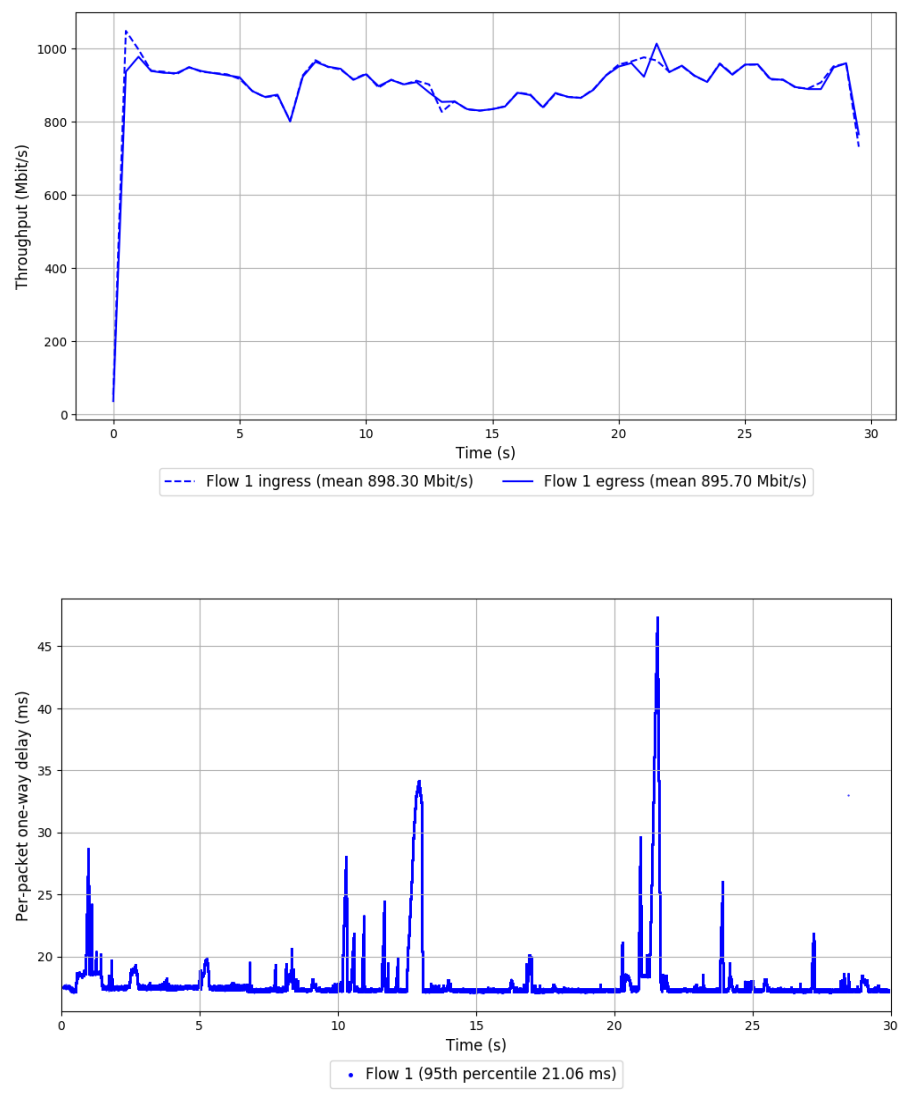


Run 6: Statistics of PCC

Start at: 2018-03-13 08:02:28
End at: 2018-03-13 08:02:58
Local clock offset: 0.835 ms
Remote clock offset: -5.934 ms

Below is generated by plot.py at 2018-03-13 12:51:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 895.70 Mbit/s
95th percentile per-packet one-way delay: 21.061 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 895.70 Mbit/s
95th percentile per-packet one-way delay: 21.061 ms
Loss rate: 0.29%

Run 6: Report of PCC — Data Link

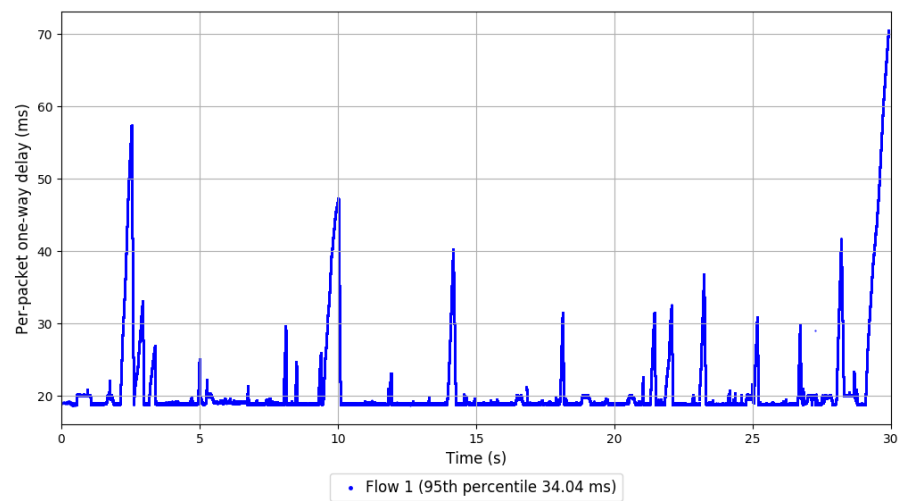
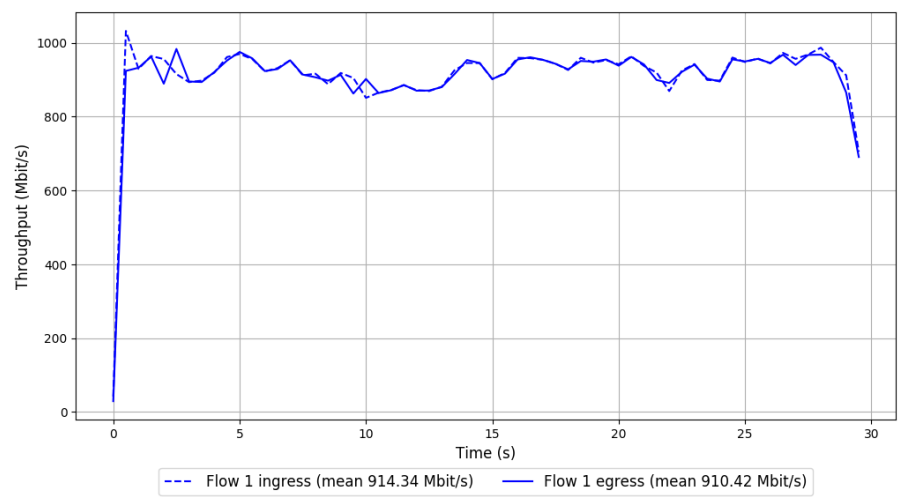


Run 7: Statistics of PCC

Start at: 2018-03-13 08:30:00
End at: 2018-03-13 08:30:30
Local clock offset: 0.721 ms
Remote clock offset: -4.756 ms

Below is generated by plot.py at 2018-03-13 12:51:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 910.42 Mbit/s
95th percentile per-packet one-way delay: 34.036 ms
Loss rate: 0.43%
-- Flow 1:
Average throughput: 910.42 Mbit/s
95th percentile per-packet one-way delay: 34.036 ms
Loss rate: 0.43%

Run 7: Report of PCC — Data Link

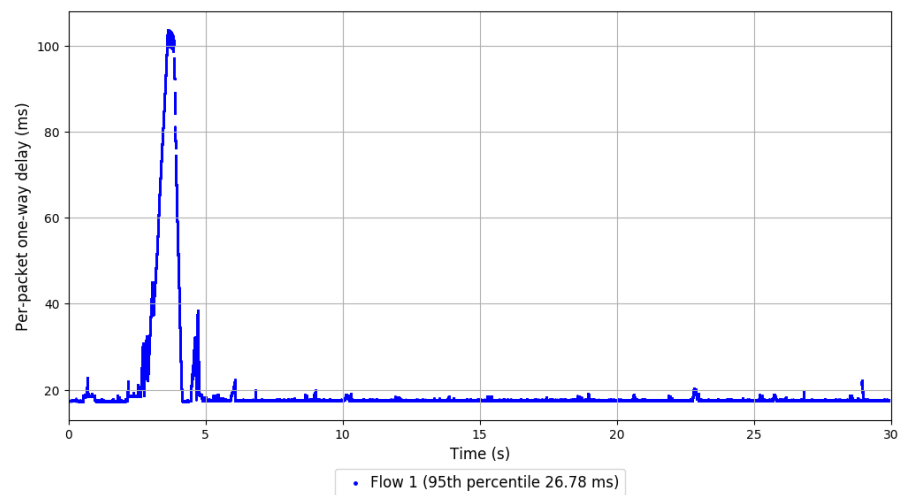
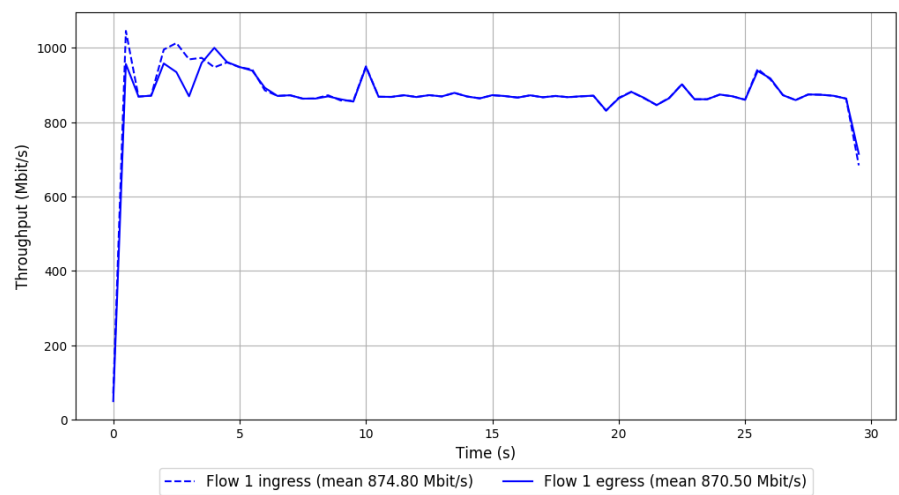


Run 8: Statistics of PCC

Start at: 2018-03-13 08:57:29
End at: 2018-03-13 08:57:59
Local clock offset: 0.907 ms
Remote clock offset: -6.026 ms

Below is generated by plot.py at 2018-03-13 12:51:37
Datalink statistics
-- Total of 1 flow:
Average throughput: 870.50 Mbit/s
95th percentile per-packet one-way delay: 26.781 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 870.50 Mbit/s
95th percentile per-packet one-way delay: 26.781 ms
Loss rate: 0.49%

Run 8: Report of PCC — Data Link

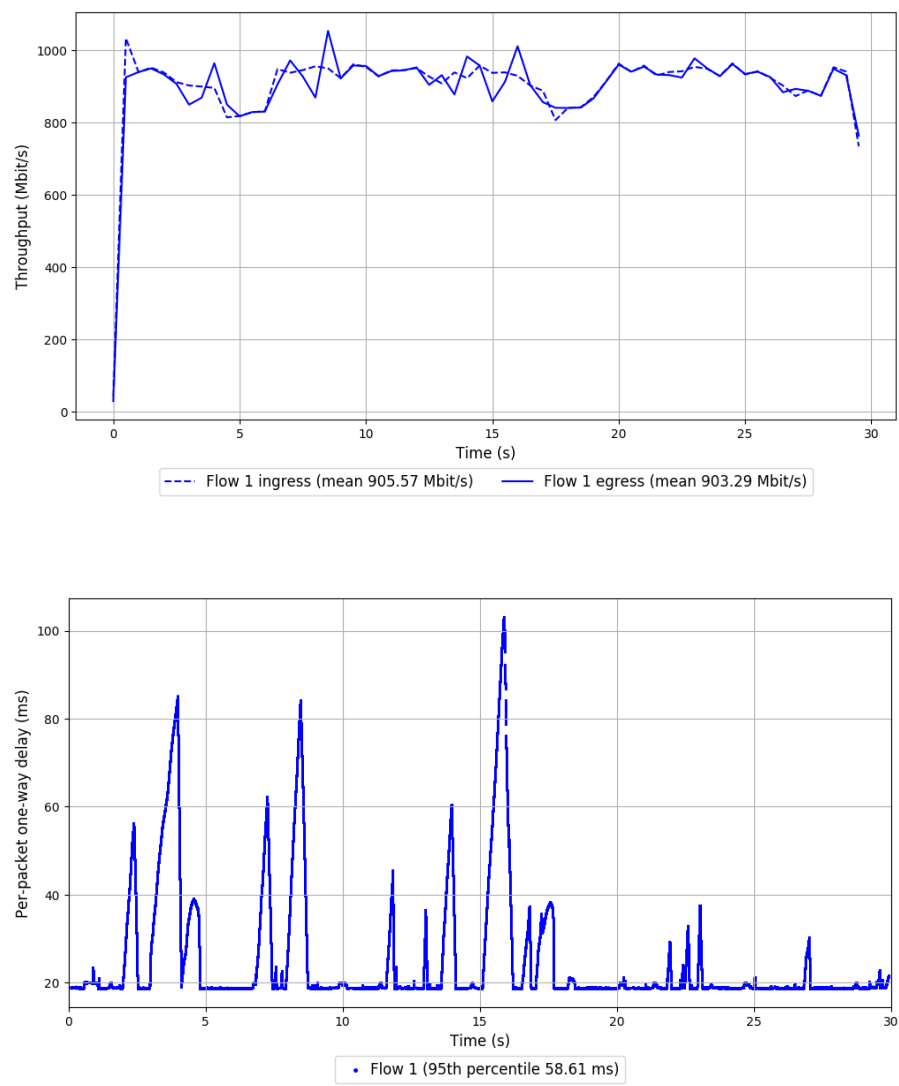


Run 9: Statistics of PCC

Start at: 2018-03-13 09:25:05
End at: 2018-03-13 09:25:35
Local clock offset: 0.958 ms
Remote clock offset: -5.314 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 903.29 Mbit/s
95th percentile per-packet one-way delay: 58.613 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 903.29 Mbit/s
95th percentile per-packet one-way delay: 58.613 ms
Loss rate: 0.26%

Run 9: Report of PCC — Data Link

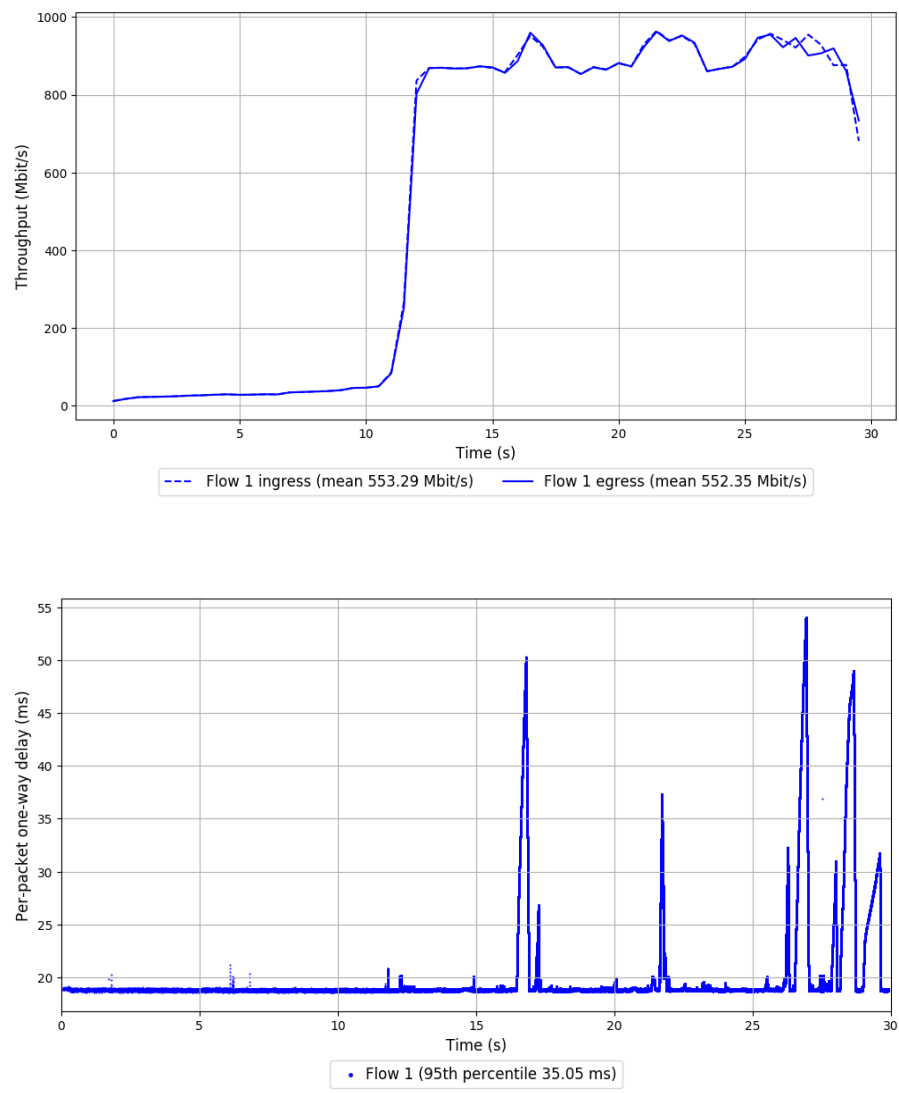


Run 10: Statistics of PCC

Start at: 2018-03-13 09:52:51
End at: 2018-03-13 09:53:21
Local clock offset: 1.247 ms
Remote clock offset: -6.191 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 552.35 Mbit/s
95th percentile per-packet one-way delay: 35.048 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 552.35 Mbit/s
95th percentile per-packet one-way delay: 35.048 ms
Loss rate: 0.17%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-03-13 05:38:31

End at: 2018-03-13 05:39:01

Local clock offset: 2.008 ms

Remote clock offset: -5.112 ms

Below is generated by plot.py at 2018-03-13 12:58:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 67.76 Mbit/s

95th percentile per-packet one-way delay: 18.895 ms

Loss rate: 0.03%

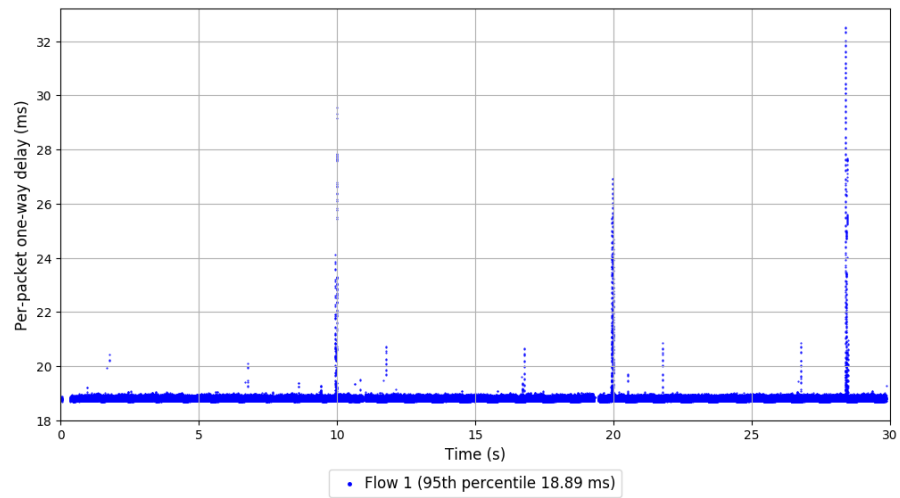
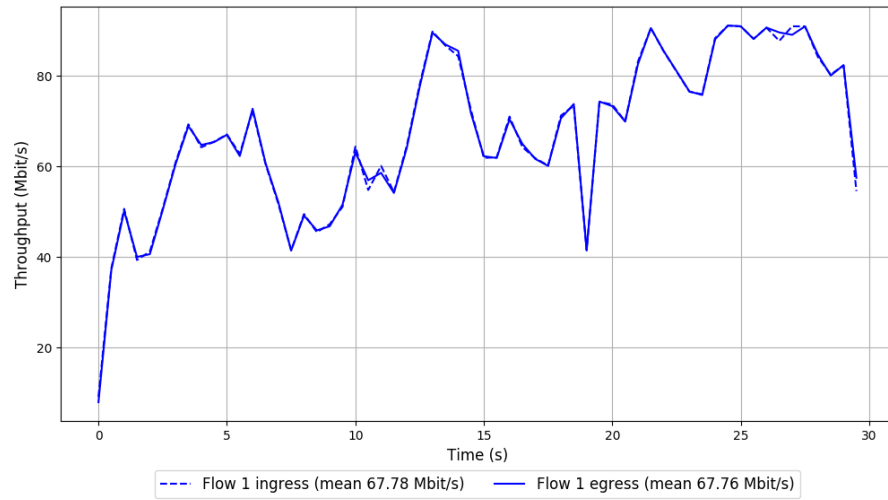
-- Flow 1:

Average throughput: 67.76 Mbit/s

95th percentile per-packet one-way delay: 18.895 ms

Loss rate: 0.03%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

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

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

Local clock offset: 2.335 ms

Remote clock offset: -5.149 ms

Below is generated by plot.py at 2018-03-13 12:58:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 85.69 Mbit/s

95th percentile per-packet one-way delay: 18.848 ms

Loss rate: 0.00%

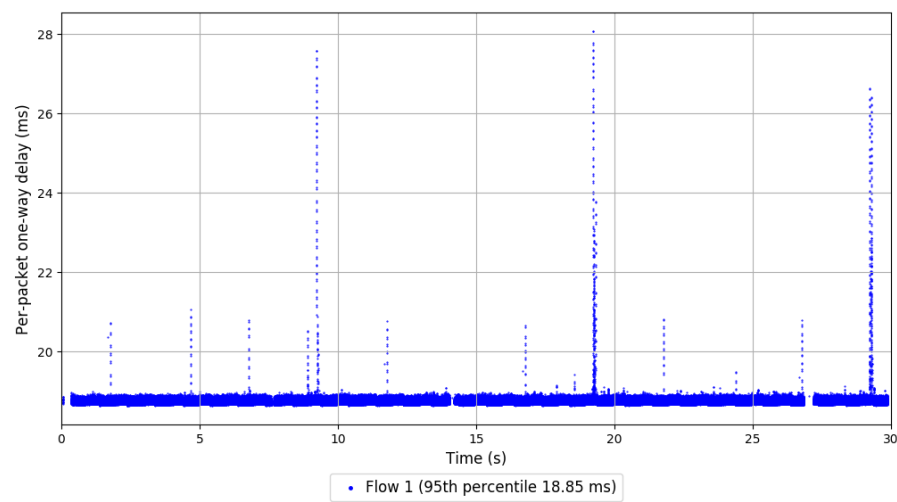
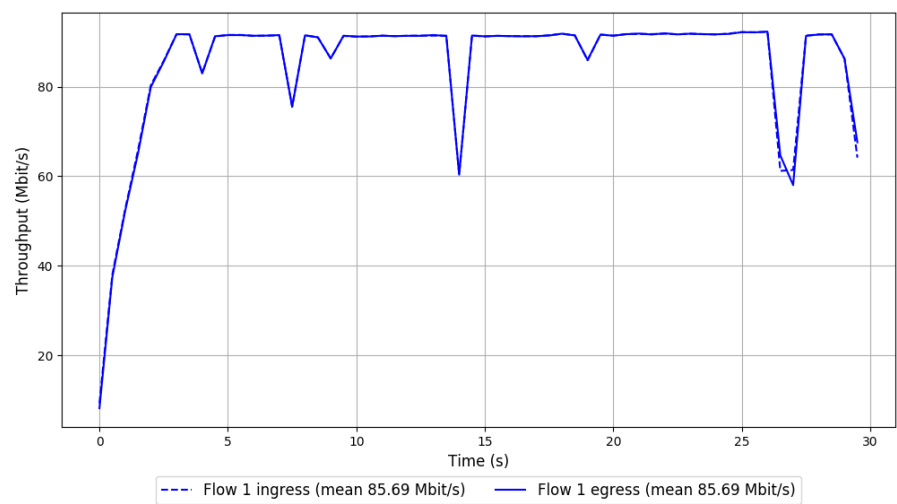
-- Flow 1:

Average throughput: 85.69 Mbit/s

95th percentile per-packet one-way delay: 18.848 ms

Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-03-13 06:33:00

End at: 2018-03-13 06:33:30

Local clock offset: 1.1 ms

Remote clock offset: -5.943 ms

Below is generated by plot.py at 2018-03-13 12:58:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 76.55 Mbit/s

95th percentile per-packet one-way delay: 18.848 ms

Loss rate: 0.01%

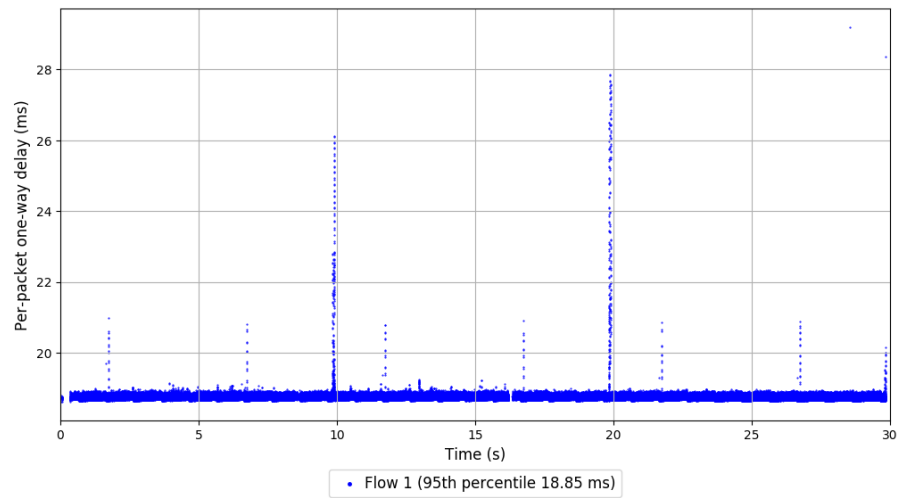
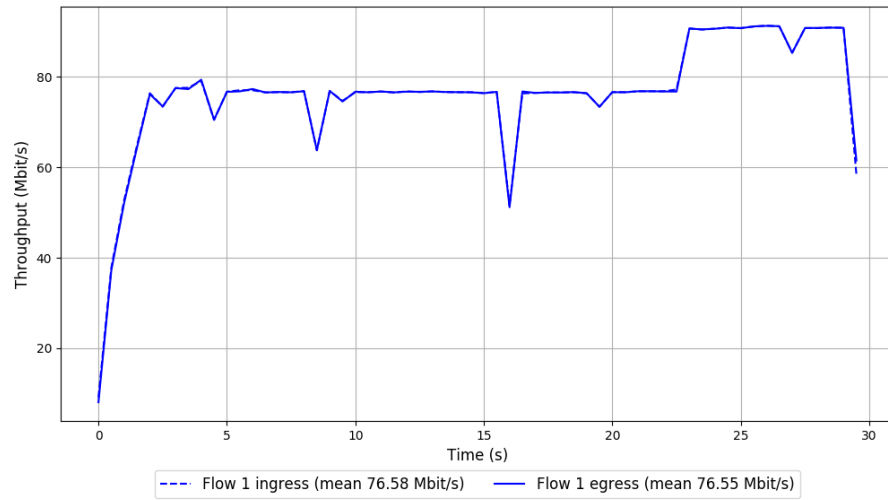
-- Flow 1:

Average throughput: 76.55 Mbit/s

95th percentile per-packet one-way delay: 18.848 ms

Loss rate: 0.01%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-03-13 07:00:46

End at: 2018-03-13 07:01:16

Local clock offset: 1.016 ms

Remote clock offset: -5.238 ms

Below is generated by plot.py at 2018-03-13 12:58:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.49 Mbit/s

95th percentile per-packet one-way delay: 18.865 ms

Loss rate: 0.00%

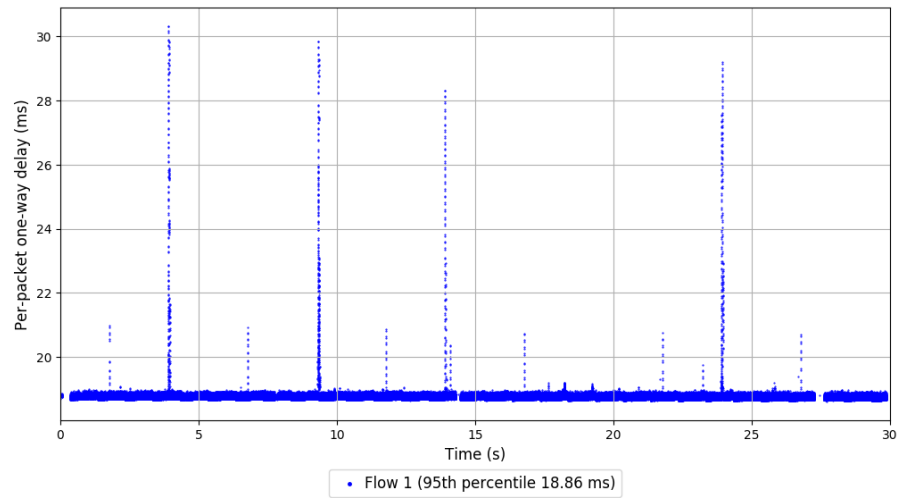
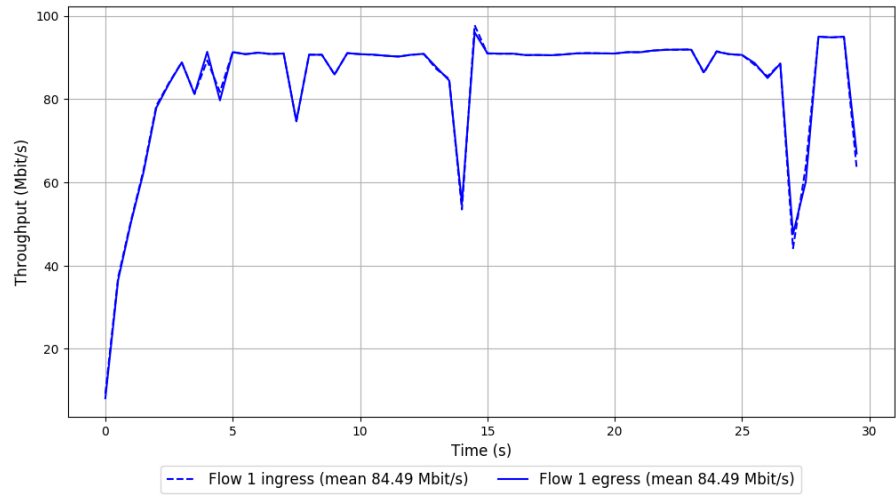
-- Flow 1:

Average throughput: 84.49 Mbit/s

95th percentile per-packet one-way delay: 18.865 ms

Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-03-13 07:28:19

End at: 2018-03-13 07:28:49

Local clock offset: 1.248 ms

Remote clock offset: -5.122 ms

Below is generated by plot.py at 2018-03-13 12:58:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 72.59 Mbit/s

95th percentile per-packet one-way delay: 17.417 ms

Loss rate: 0.00%

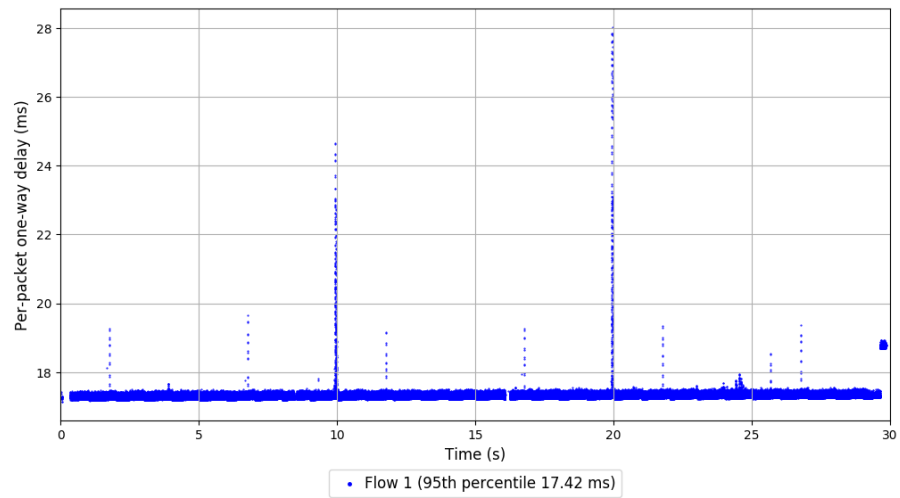
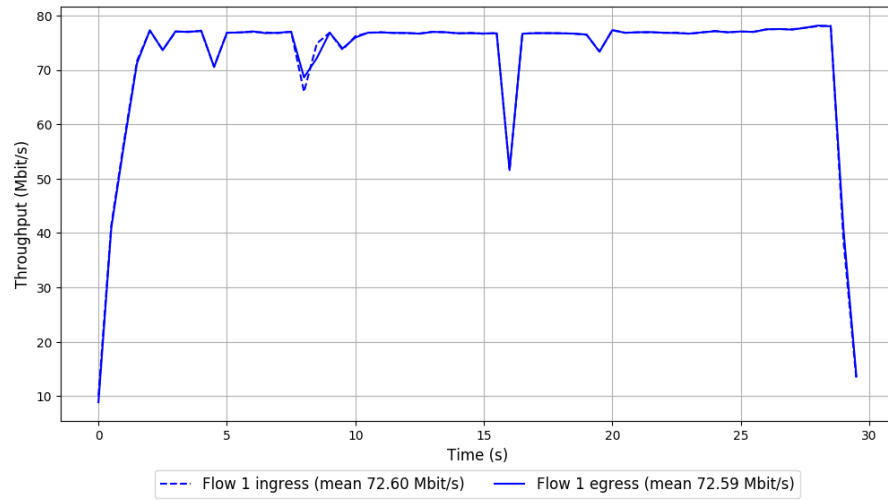
-- Flow 1:

Average throughput: 72.59 Mbit/s

95th percentile per-packet one-way delay: 17.417 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-03-13 07:56:03

End at: 2018-03-13 07:56:33

Local clock offset: 0.954 ms

Remote clock offset: -6.236 ms

Below is generated by plot.py at 2018-03-13 12:58:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.37 Mbit/s

95th percentile per-packet one-way delay: 17.417 ms

Loss rate: 0.00%

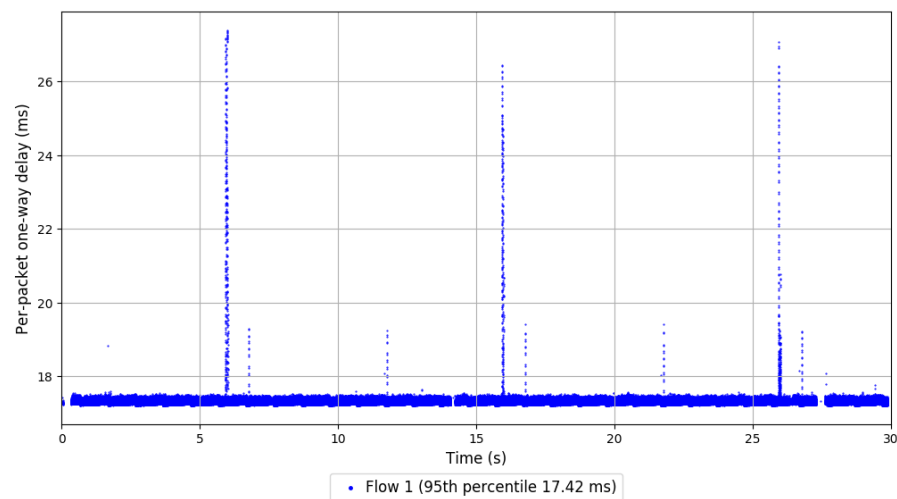
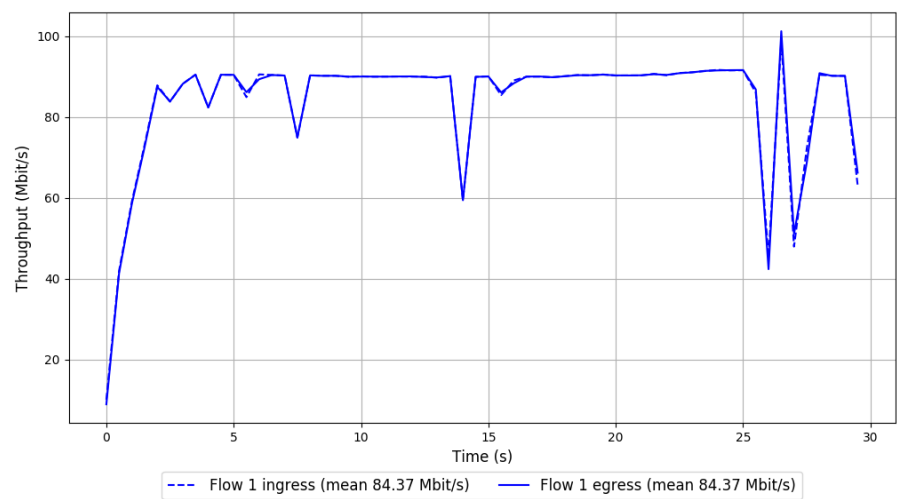
-- Flow 1:

Average throughput: 84.37 Mbit/s

95th percentile per-packet one-way delay: 17.417 ms

Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-03-13 08:23:29

End at: 2018-03-13 08:23:59

Local clock offset: 0.474 ms

Remote clock offset: -4.976 ms

Below is generated by plot.py at 2018-03-13 12:58:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 70.23 Mbit/s

95th percentile per-packet one-way delay: 19.676 ms

Loss rate: 0.01%

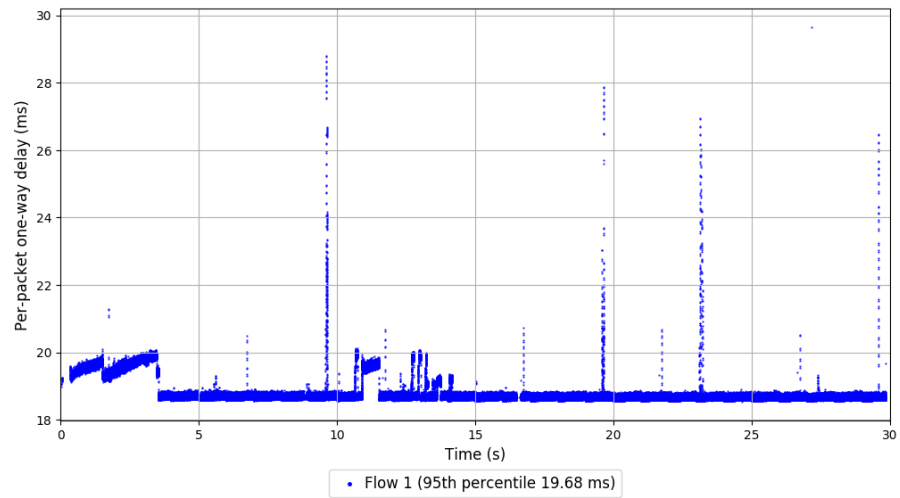
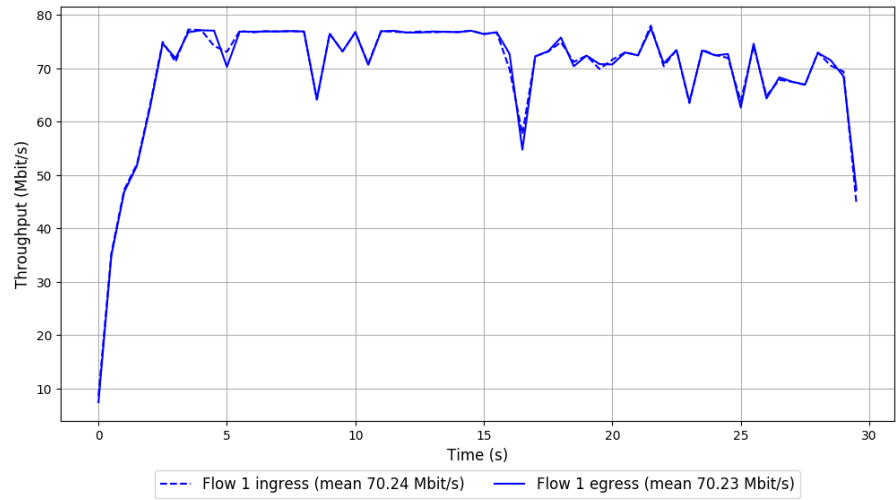
-- Flow 1:

Average throughput: 70.23 Mbit/s

95th percentile per-packet one-way delay: 19.676 ms

Loss rate: 0.01%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-03-13 08:51:07

End at: 2018-03-13 08:51:38

Local clock offset: 0.926 ms

Remote clock offset: -5.908 ms

Below is generated by plot.py at 2018-03-13 12:58:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.48 Mbit/s

95th percentile per-packet one-way delay: 18.901 ms

Loss rate: 0.00%

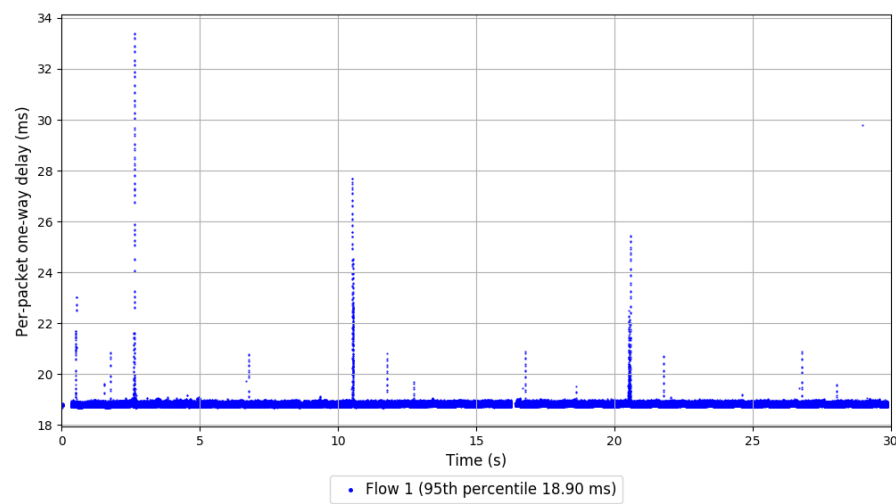
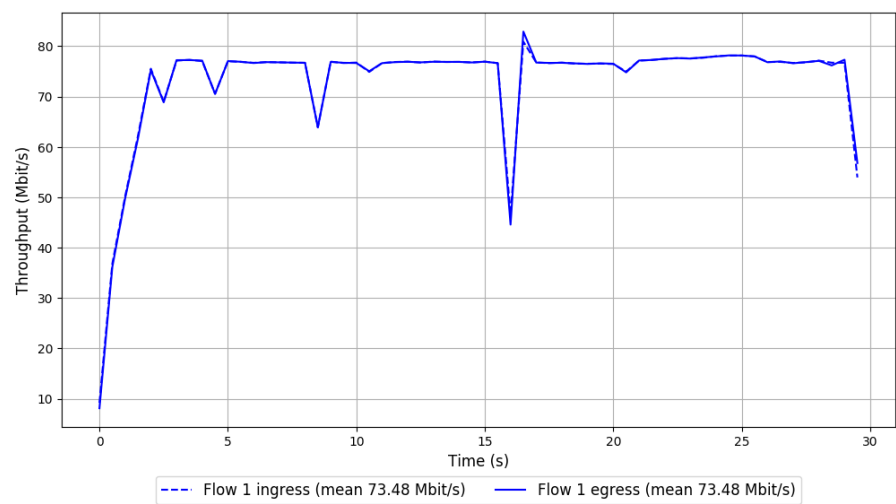
-- Flow 1:

Average throughput: 73.48 Mbit/s

95th percentile per-packet one-way delay: 18.901 ms

Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-03-13 09:18:36

End at: 2018-03-13 09:19:06

Local clock offset: 0.972 ms

Remote clock offset: -5.488 ms

Below is generated by plot.py at 2018-03-13 12:58:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.94 Mbit/s

95th percentile per-packet one-way delay: 18.732 ms

Loss rate: 0.00%

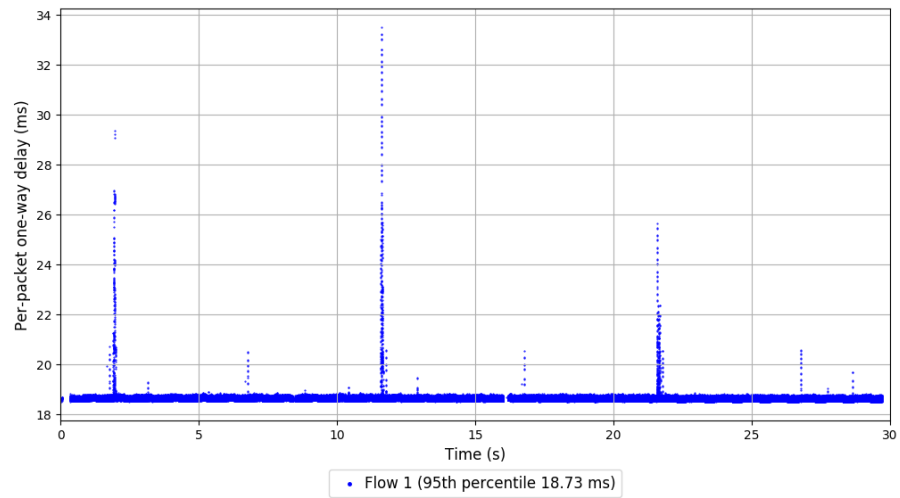
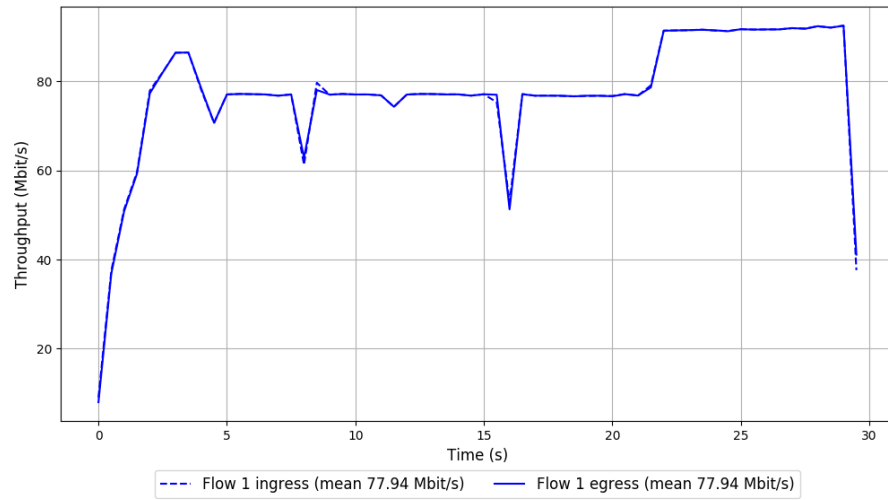
-- Flow 1:

Average throughput: 77.94 Mbit/s

95th percentile per-packet one-way delay: 18.732 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-03-13 09:46:25

End at: 2018-03-13 09:46:55

Local clock offset: 1.183 ms

Remote clock offset: -5.752 ms

Below is generated by plot.py at 2018-03-13 12:58:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 79.52 Mbit/s

95th percentile per-packet one-way delay: 18.841 ms

Loss rate: 0.00%

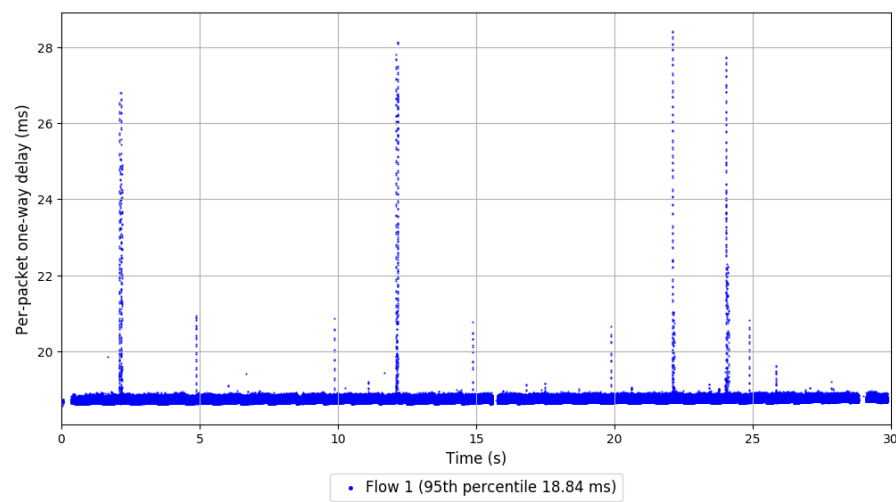
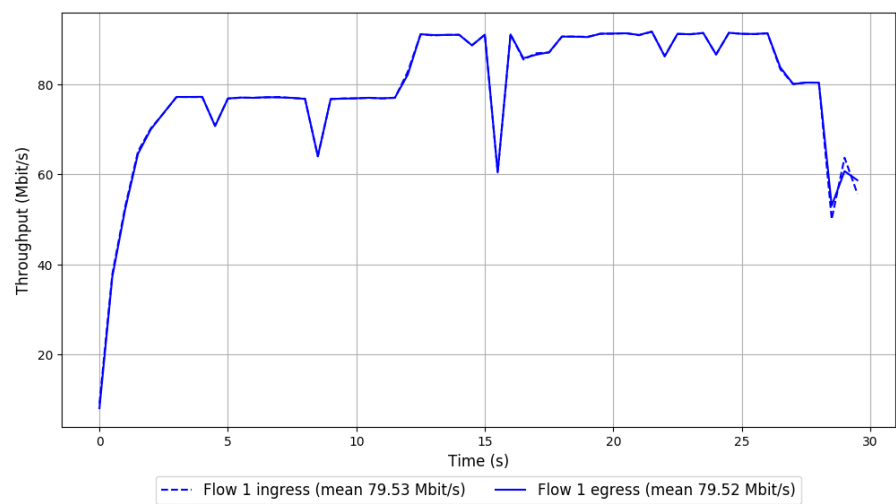
-- Flow 1:

Average throughput: 79.52 Mbit/s

95th percentile per-packet one-way delay: 18.841 ms

Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link



Run 1: Statistics of SCReAM

Start at: 2018-03-13 05:29:28

End at: 2018-03-13 05:29:58

Local clock offset: 2.014 ms

Remote clock offset: -5.179 ms

Below is generated by plot.py at 2018-03-13 12:58:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 19.111 ms

Loss rate: 0.21%

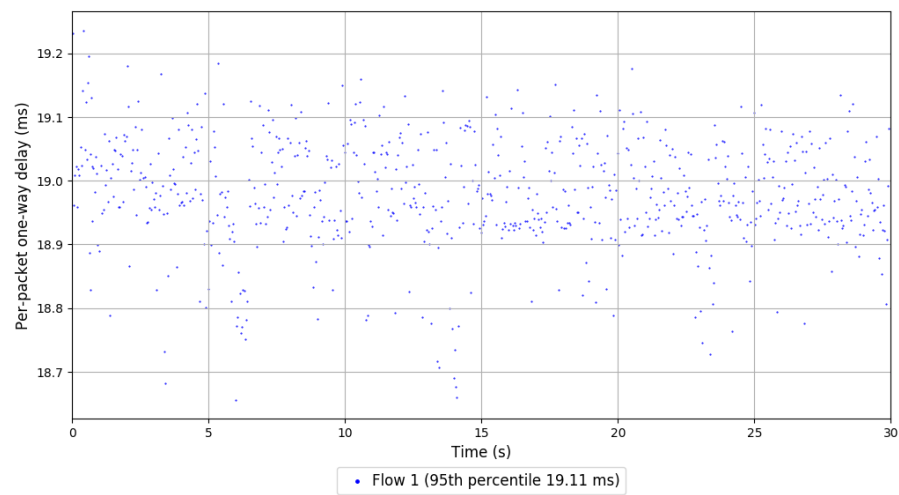
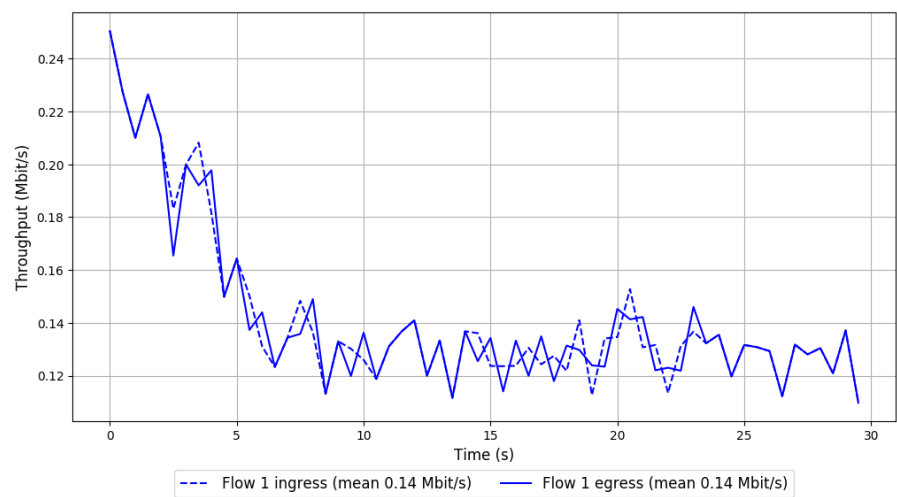
-- Flow 1:

Average throughput: 0.14 Mbit/s

95th percentile per-packet one-way delay: 19.111 ms

Loss rate: 0.21%

Run 1: Report of SReAM — Data Link

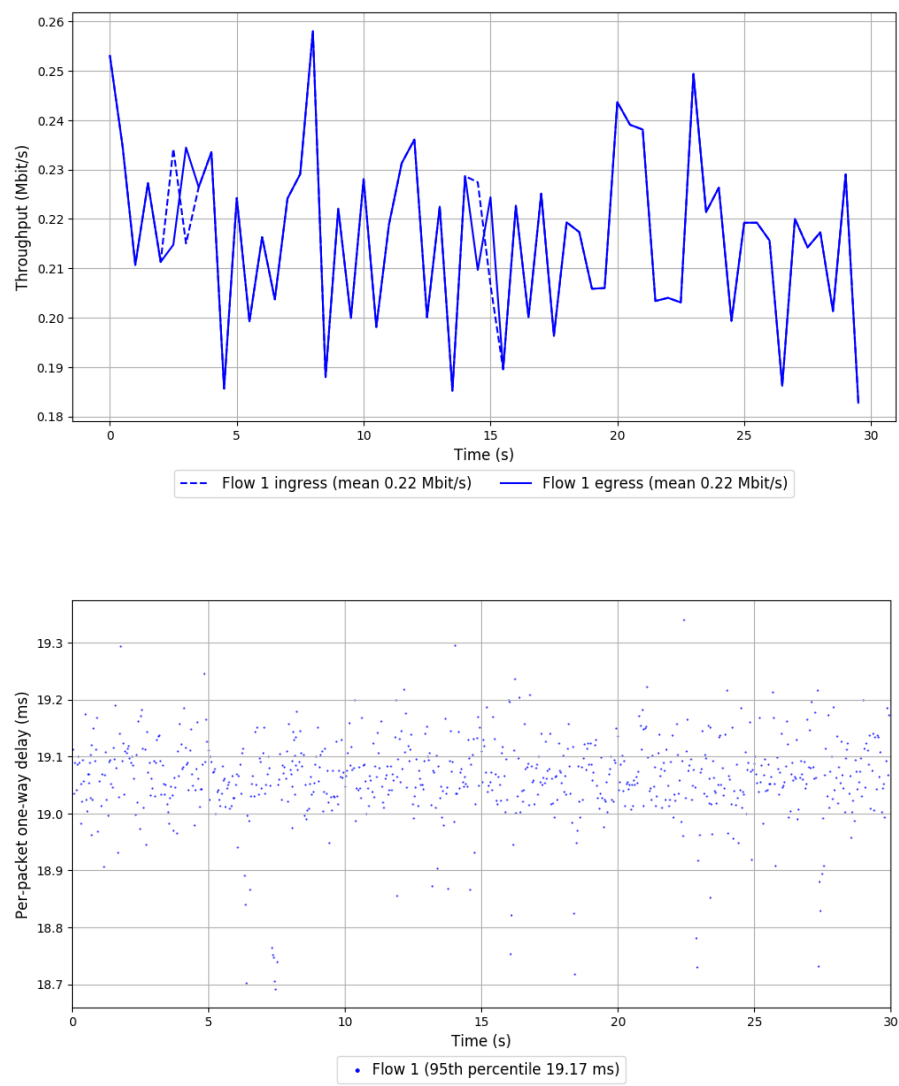


Run 2: Statistics of SCReAM

Start at: 2018-03-13 05:56:35
End at: 2018-03-13 05:57:05
Local clock offset: 2.281 ms
Remote clock offset: -5.103 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.168 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.168 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

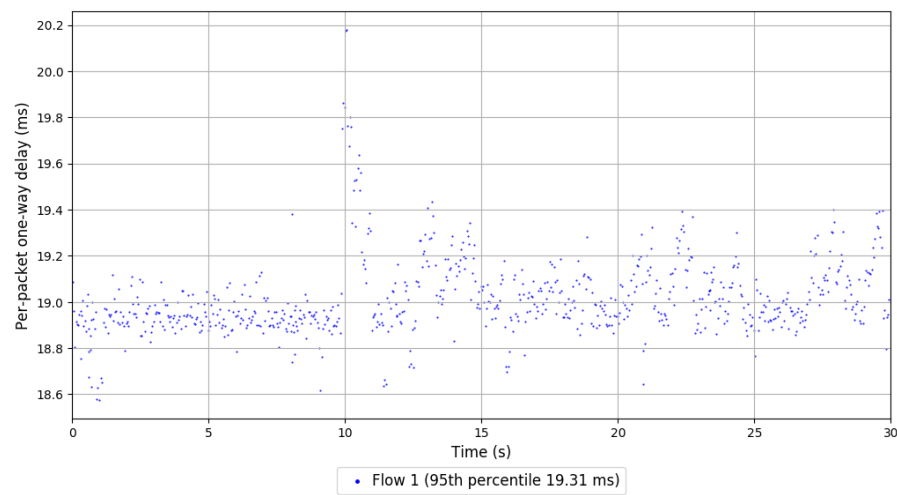
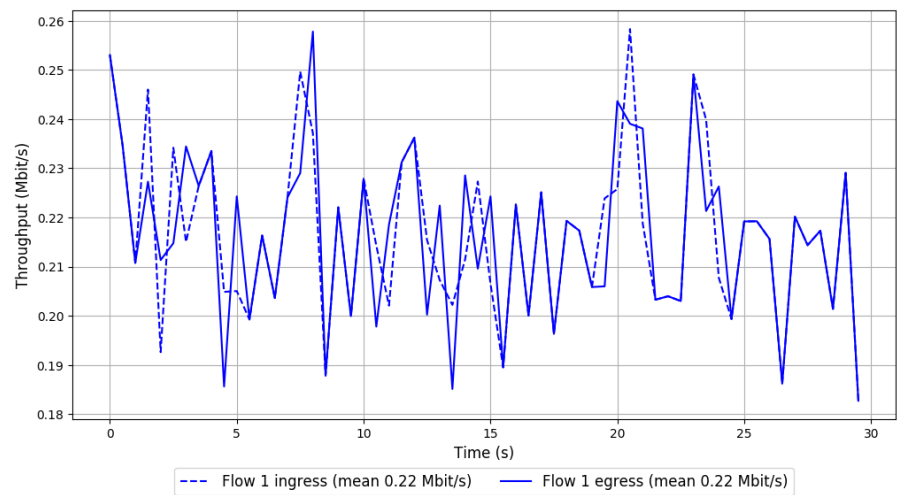


Run 3: Statistics of SCReAM

Start at: 2018-03-13 06:24:00
End at: 2018-03-13 06:24:30
Local clock offset: 1.291 ms
Remote clock offset: -5.718 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.307 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.307 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

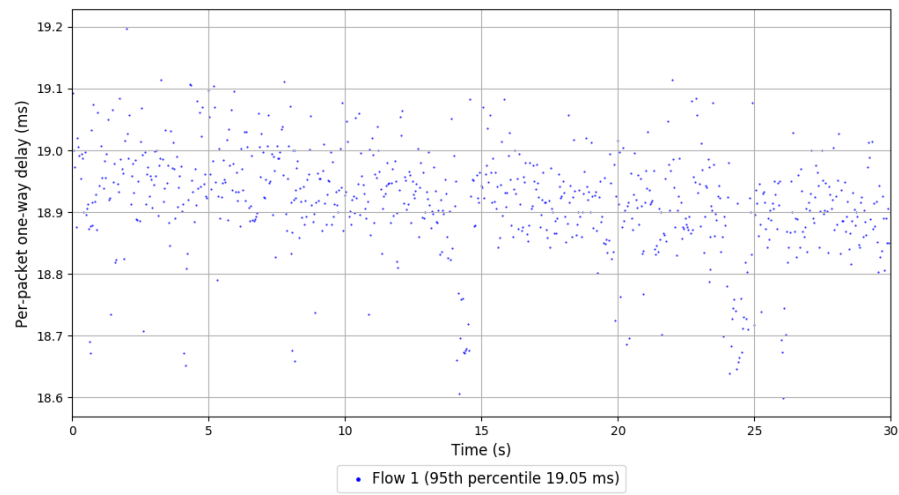
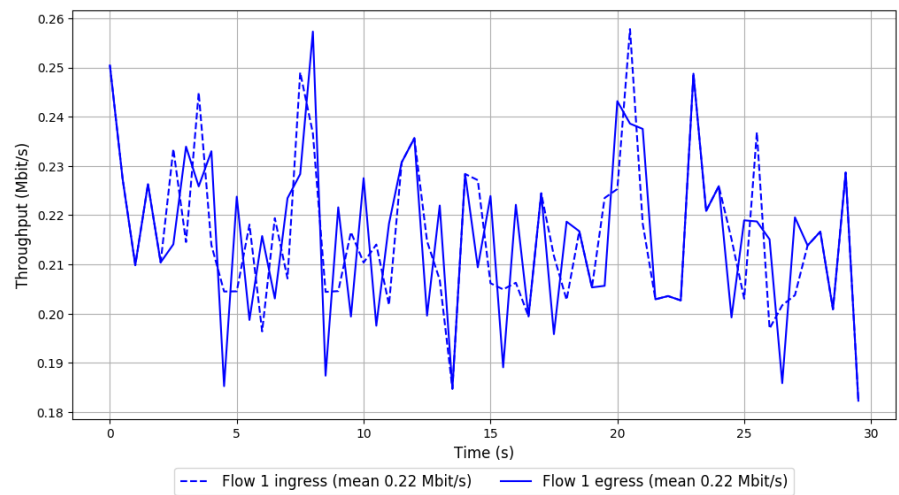


Run 4: Statistics of SCReAM

Start at: 2018-03-13 06:51:46
End at: 2018-03-13 06:52:16
Local clock offset: 1.129 ms
Remote clock offset: -6.062 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.054 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.054 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

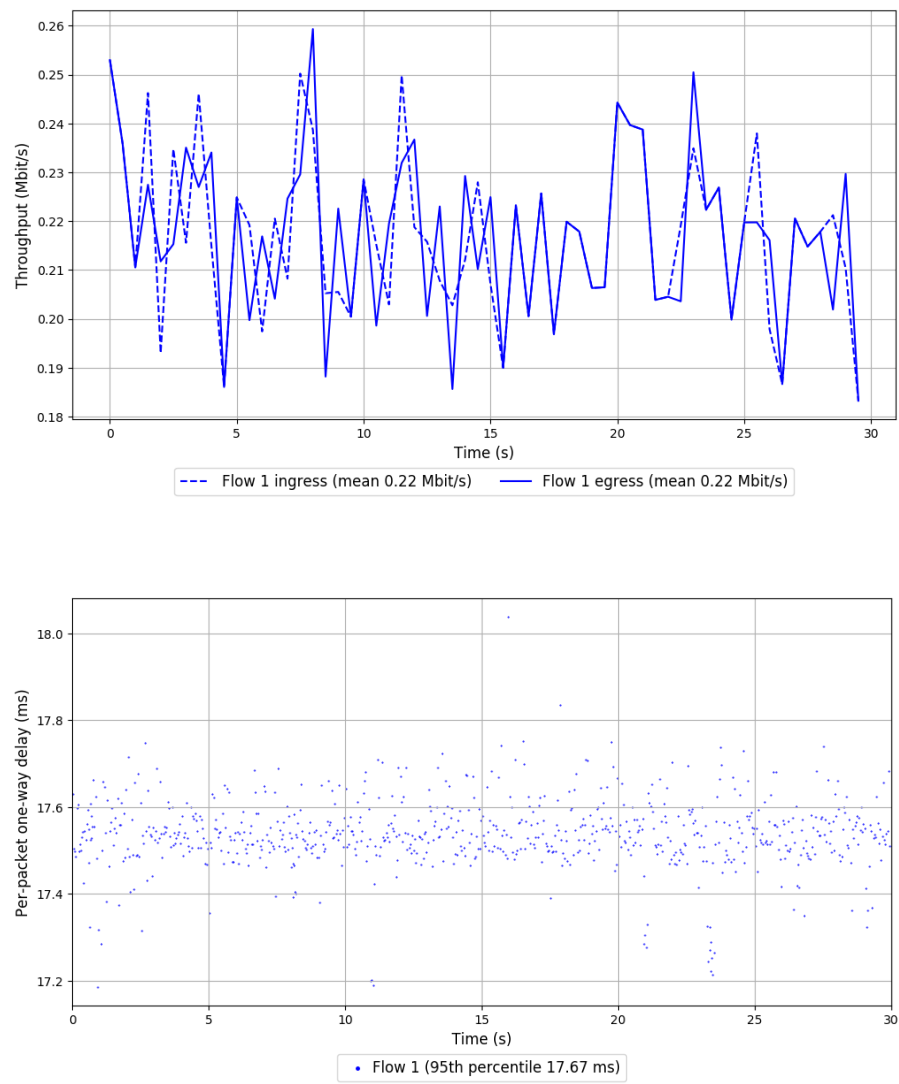


Run 5: Statistics of SCReAM

Start at: 2018-03-13 07:19:19
End at: 2018-03-13 07:19:49
Local clock offset: 1.099 ms
Remote clock offset: -4.681 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.671 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.671 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

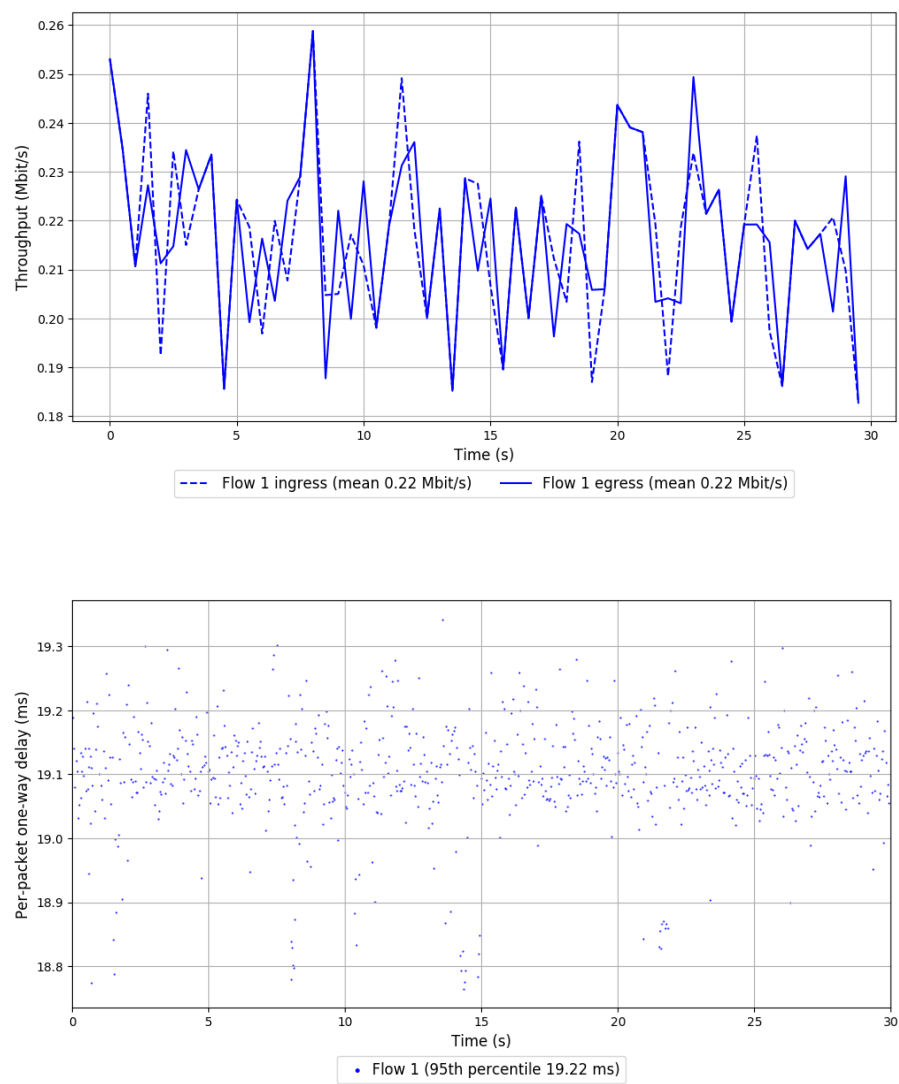


Run 6: Statistics of SCReAM

Start at: 2018-03-13 07:46:58
End at: 2018-03-13 07:47:28
Local clock offset: 1.062 ms
Remote clock offset: -6.024 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.219 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.219 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

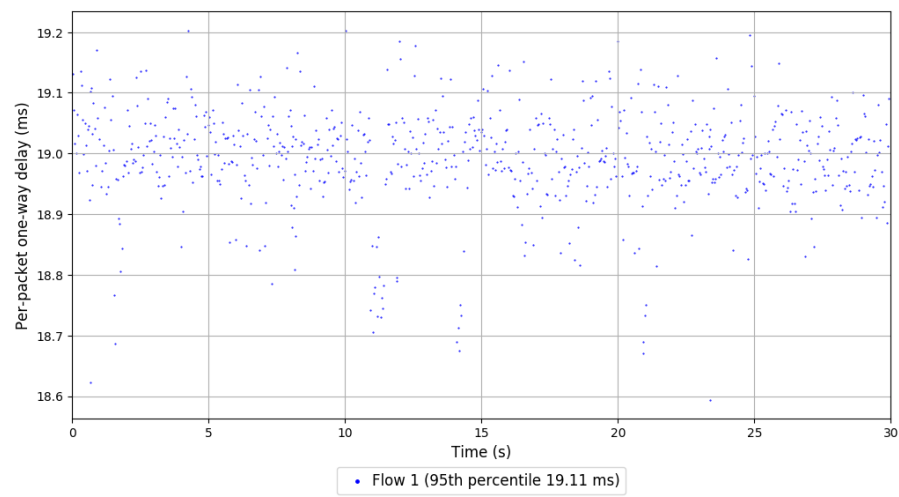
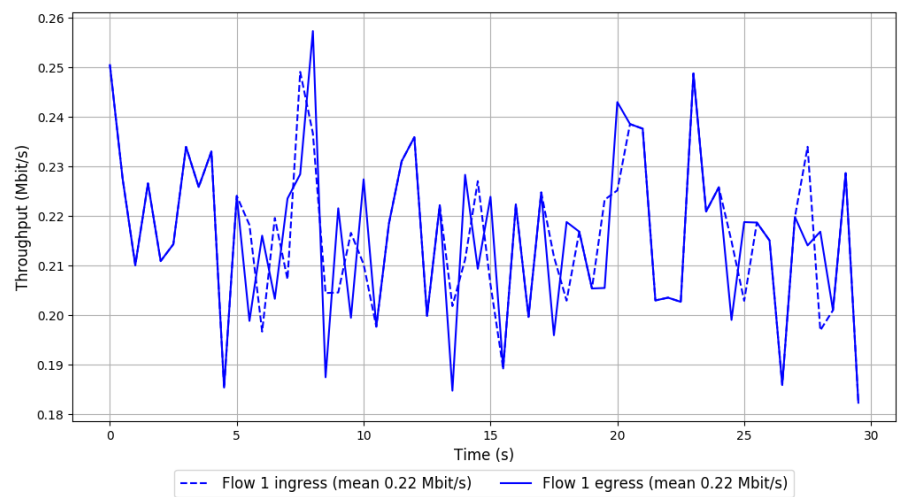


Run 7: Statistics of SCReAM

Start at: 2018-03-13 08:14:28
End at: 2018-03-13 08:14:58
Local clock offset: 0.562 ms
Remote clock offset: -5.177 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.114 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.114 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

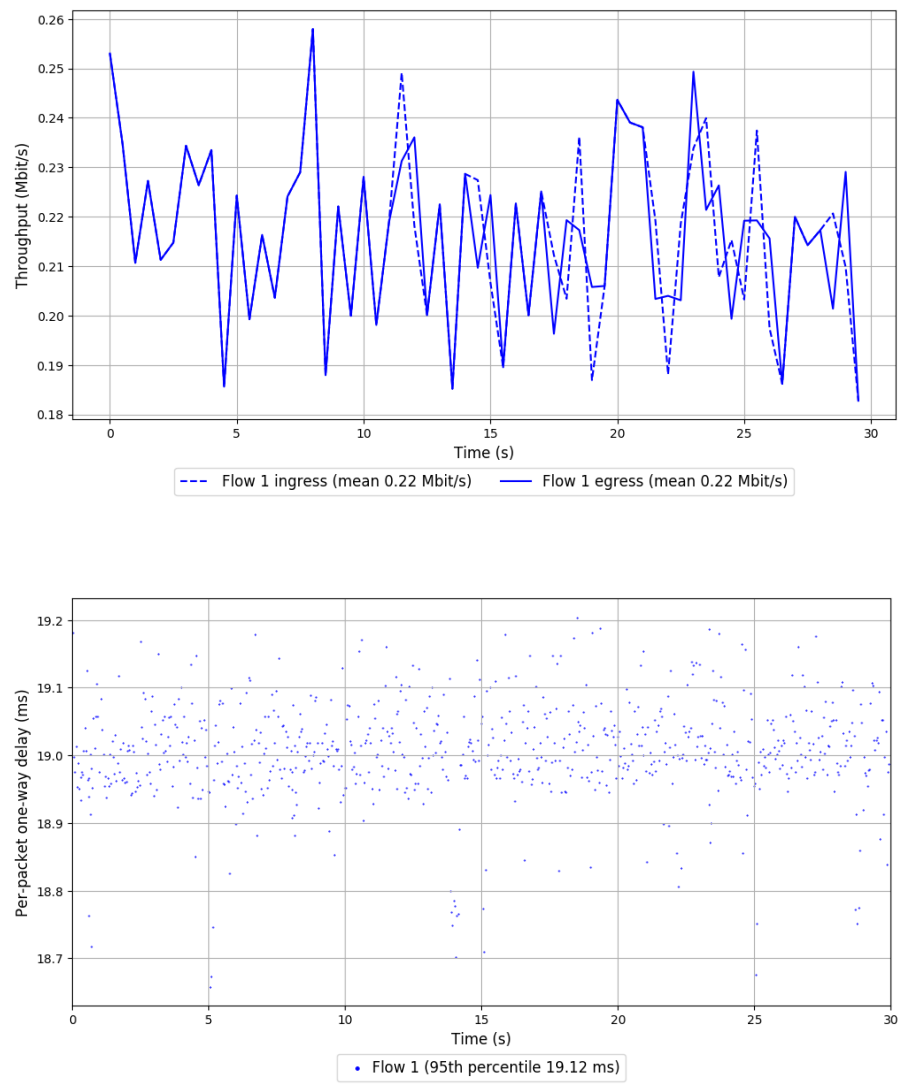


Run 8: Statistics of SCReAM

Start at: 2018-03-13 08:42:13
End at: 2018-03-13 08:42:43
Local clock offset: 0.914 ms
Remote clock offset: -5.641 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.120 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.120 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

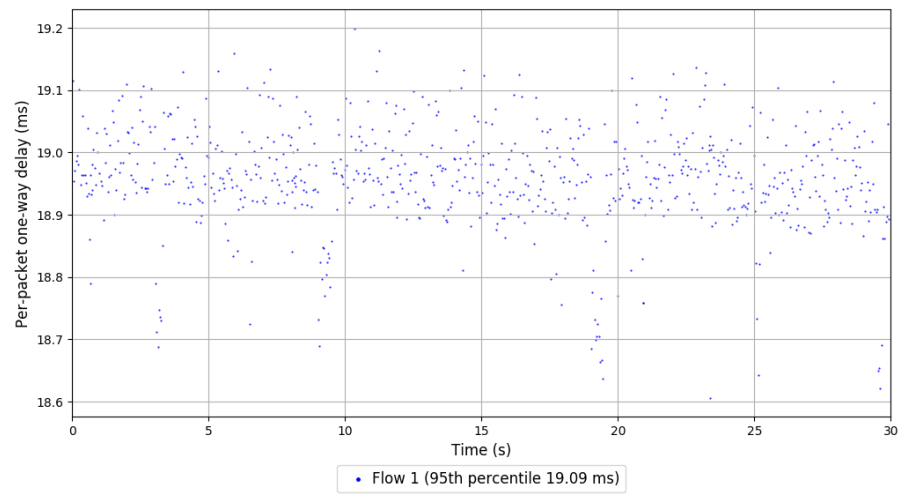
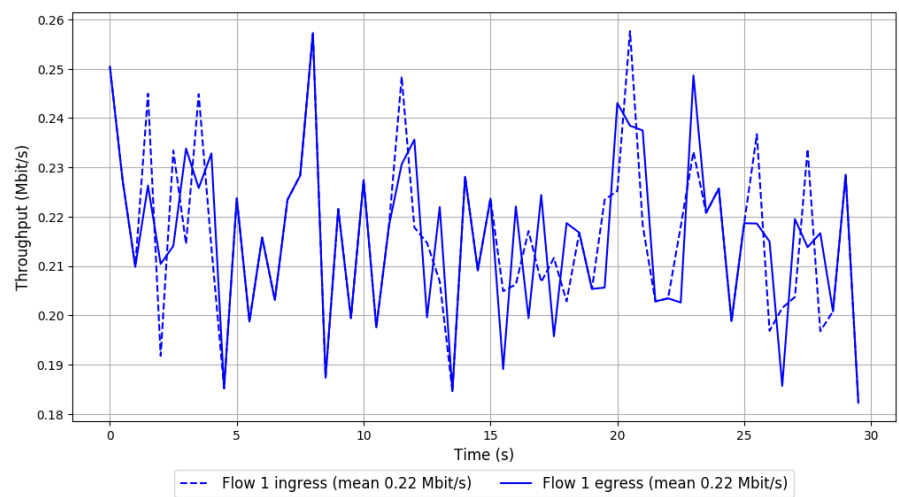


Run 9: Statistics of SCReAM

Start at: 2018-03-13 09:09:39
End at: 2018-03-13 09:10:09
Local clock offset: 0.955 ms
Remote clock offset: -5.902 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.088 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.088 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SCReAM

Start at: 2018-03-13 09:37:24

End at: 2018-03-13 09:37:54

Local clock offset: 0.968 ms

Remote clock offset: -5.154 ms

Below is generated by plot.py at 2018-03-13 12:58:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.188 ms

Loss rate: 0.00%

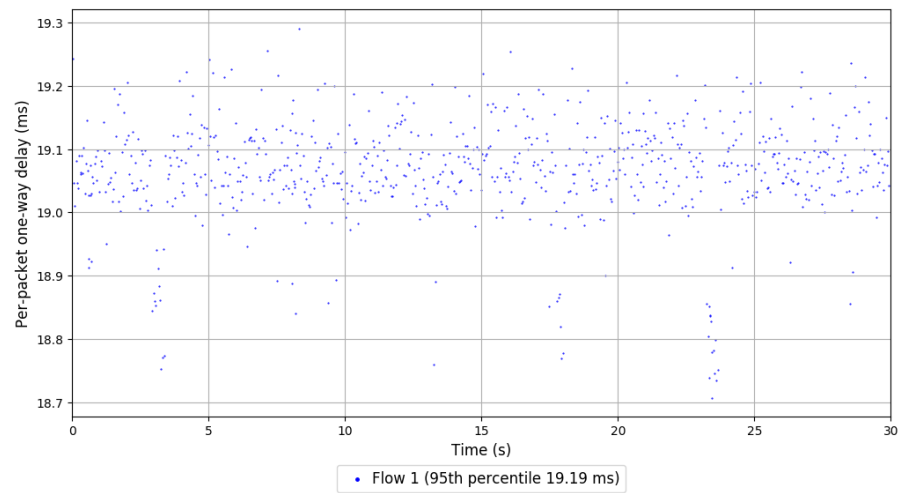
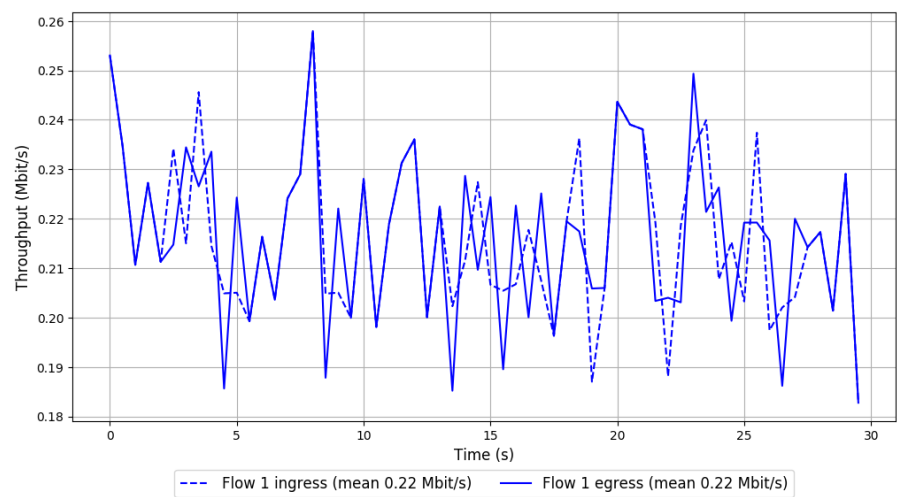
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.188 ms

Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

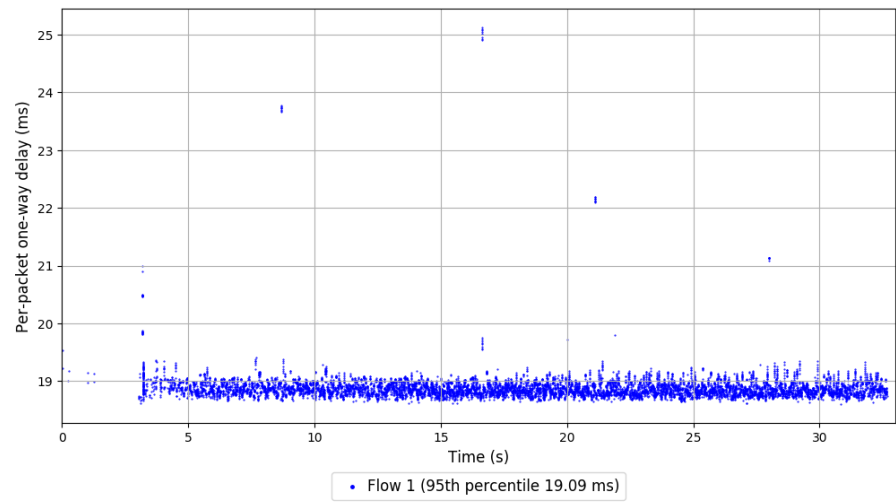
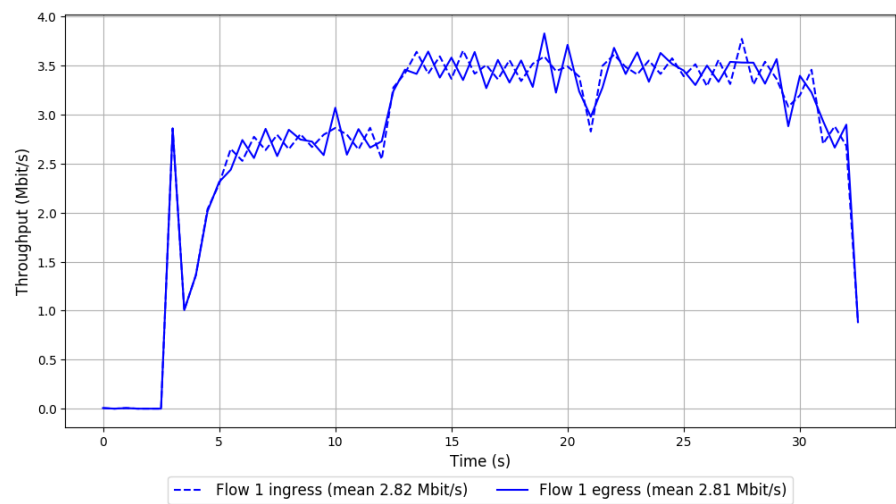


Run 1: Statistics of WebRTC media

Start at: 2018-03-13 05:48:15
End at: 2018-03-13 05:48:45
Local clock offset: 2.186 ms
Remote clock offset: -5.083 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.81 Mbit/s
95th percentile per-packet one-way delay: 19.090 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.81 Mbit/s
95th percentile per-packet one-way delay: 19.090 ms
Loss rate: 0.12%

Run 1: Report of WebRTC media — Data Link

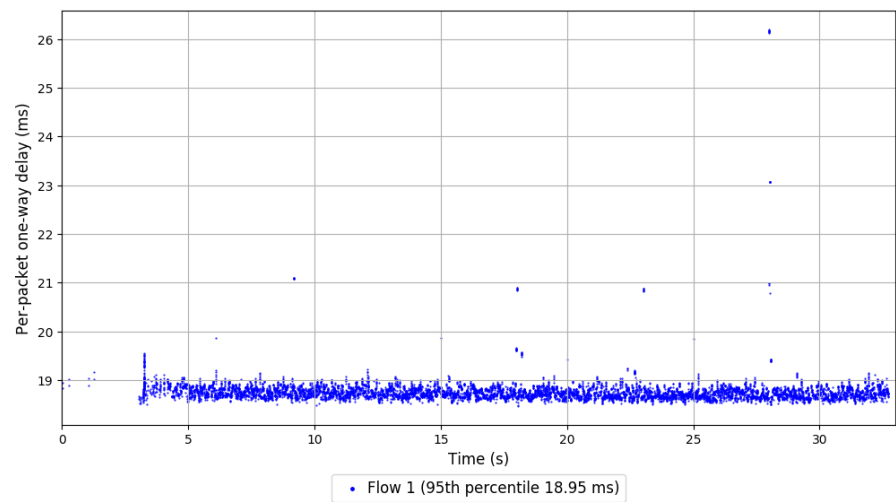
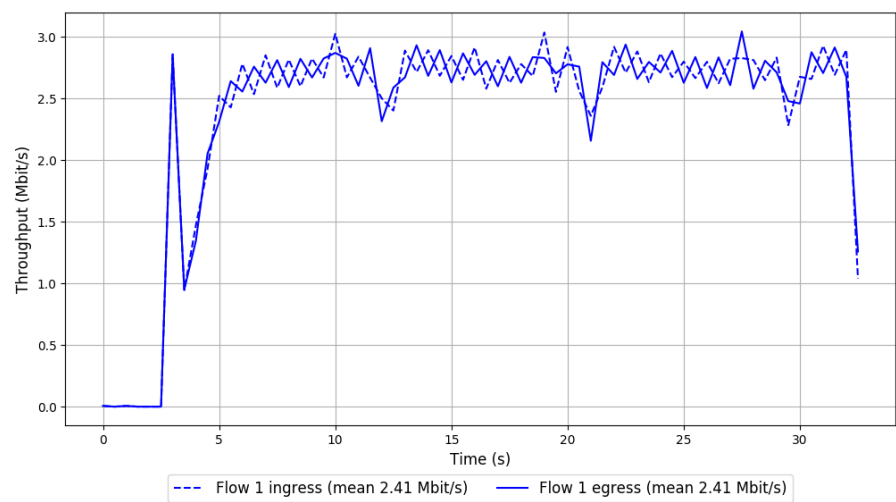


Run 2: Statistics of WebRTC media

Start at: 2018-03-13 06:15:15
End at: 2018-03-13 06:15:45
Local clock offset: 1.696 ms
Remote clock offset: -5.153 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 18.949 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 18.949 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-03-13 06:42:59

End at: 2018-03-13 06:43:29

Local clock offset: 0.998 ms

Remote clock offset: -6.07 ms

Below is generated by plot.py at 2018-03-13 12:58:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.41 Mbit/s

95th percentile per-packet one-way delay: 19.119 ms

Loss rate: 0.00%

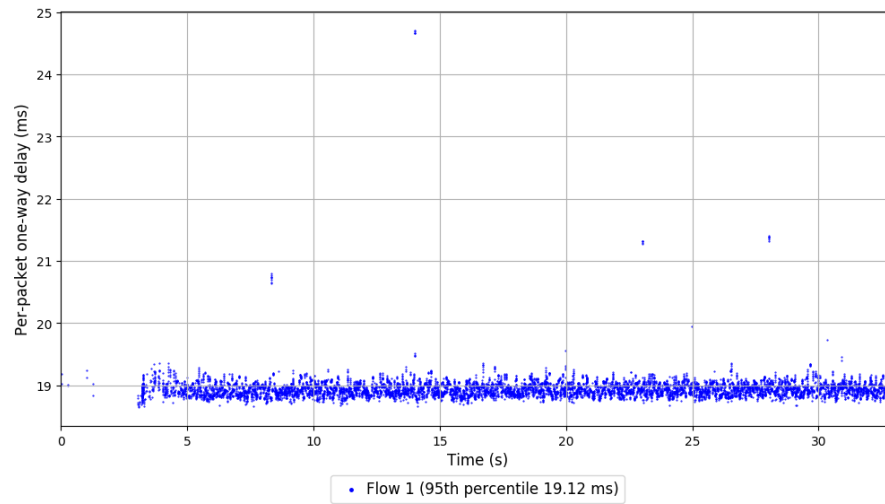
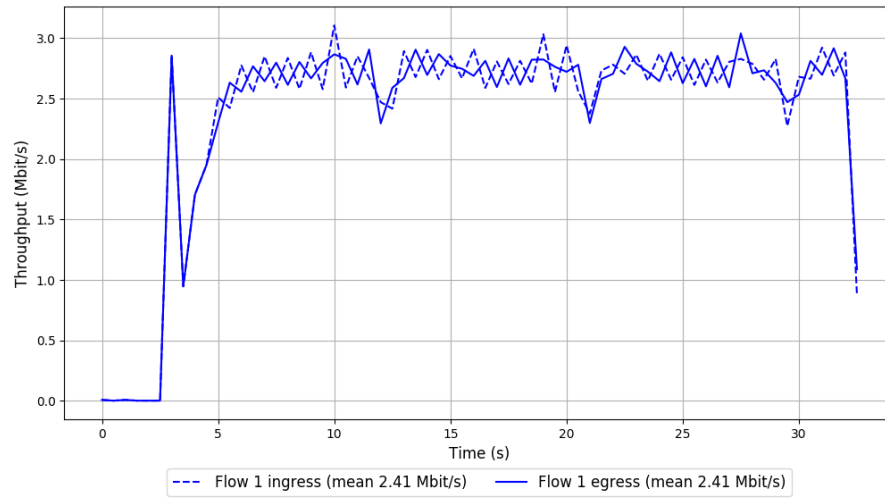
-- Flow 1:

Average throughput: 2.41 Mbit/s

95th percentile per-packet one-way delay: 19.119 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

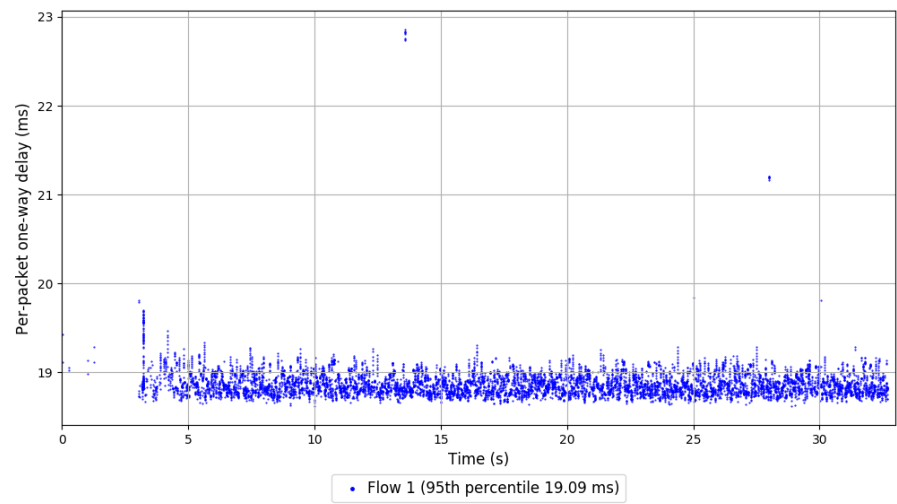
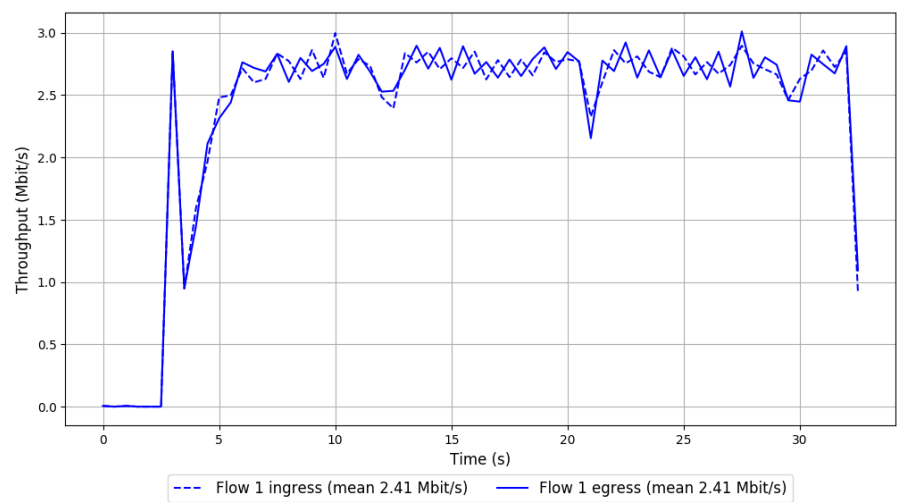


Run 4: Statistics of WebRTC media

Start at: 2018-03-13 07:10:29
End at: 2018-03-13 07:10:59
Local clock offset: 1.022 ms
Remote clock offset: -4.833 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 19.091 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 19.091 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

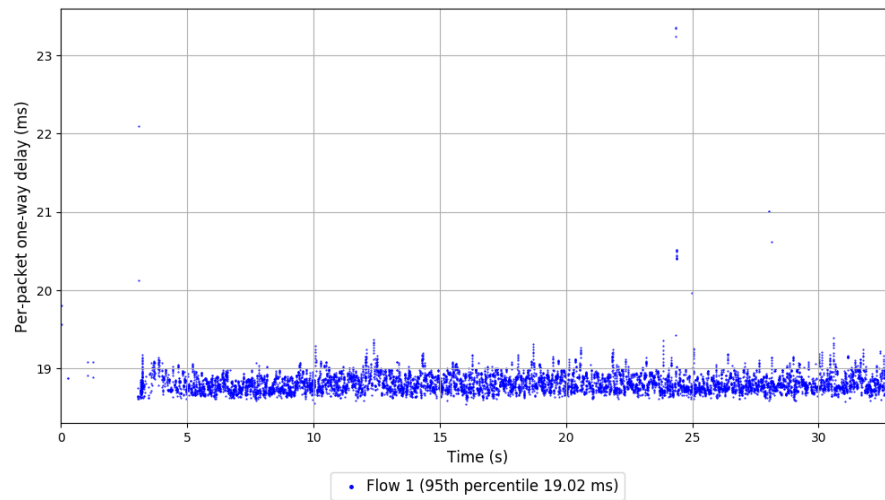
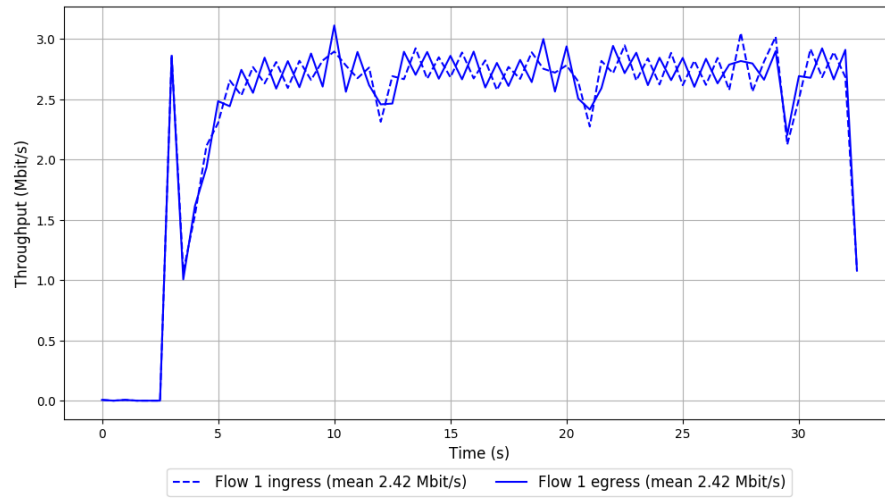


Run 5: Statistics of WebRTC media

Start at: 2018-03-13 07:38:08
End at: 2018-03-13 07:38:38
Local clock offset: 1.215 ms
Remote clock offset: -5.855 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 19.021 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 19.021 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

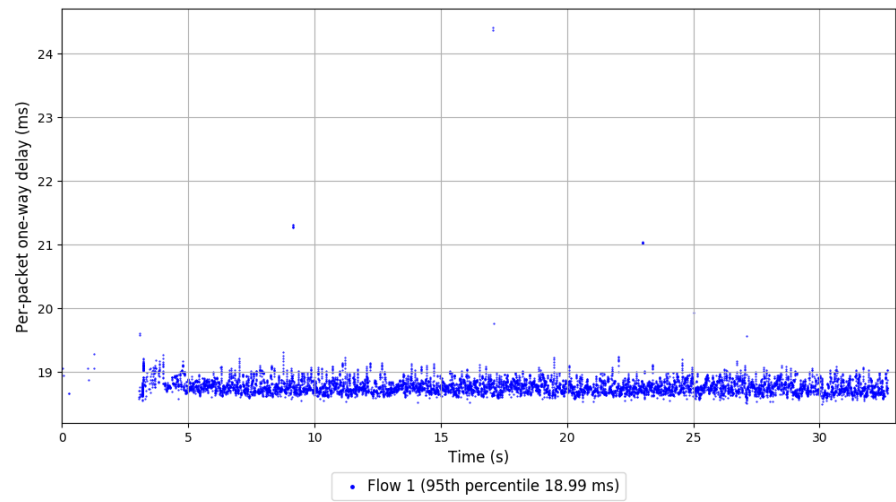
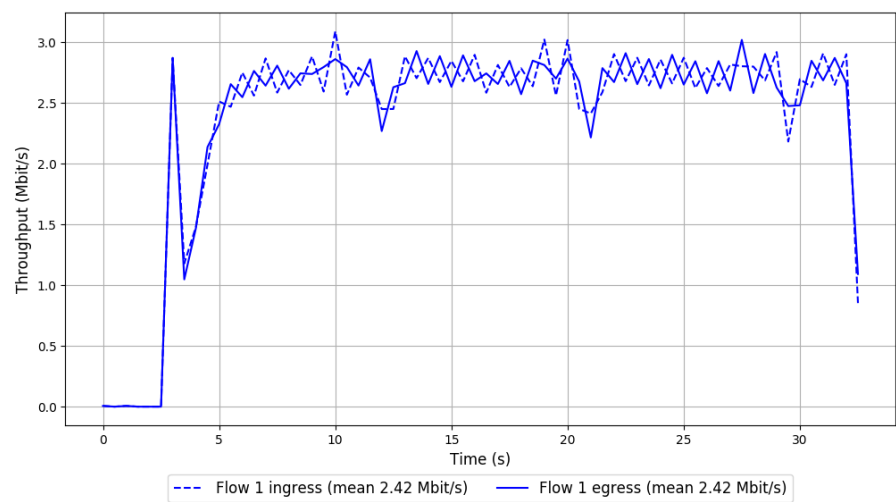


Run 6: Statistics of WebRTC media

Start at: 2018-03-13 08:05:45
End at: 2018-03-13 08:06:15
Local clock offset: 0.764 ms
Remote clock offset: -5.616 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 18.987 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 18.987 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

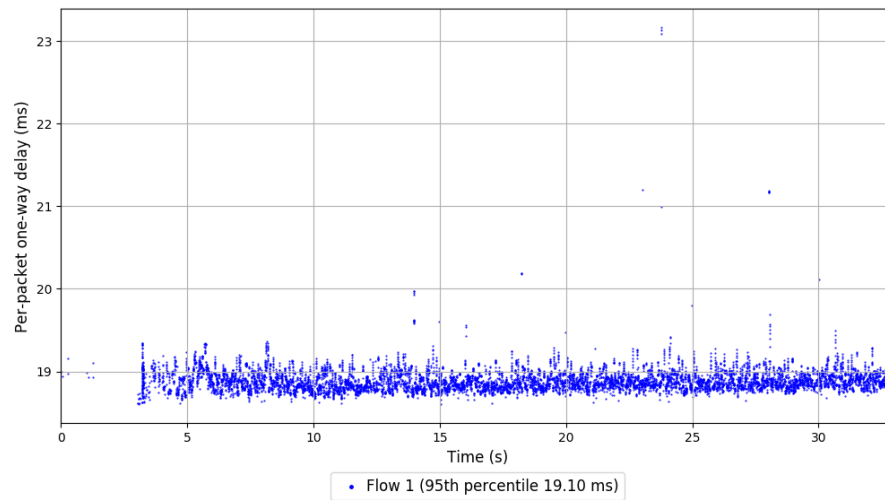
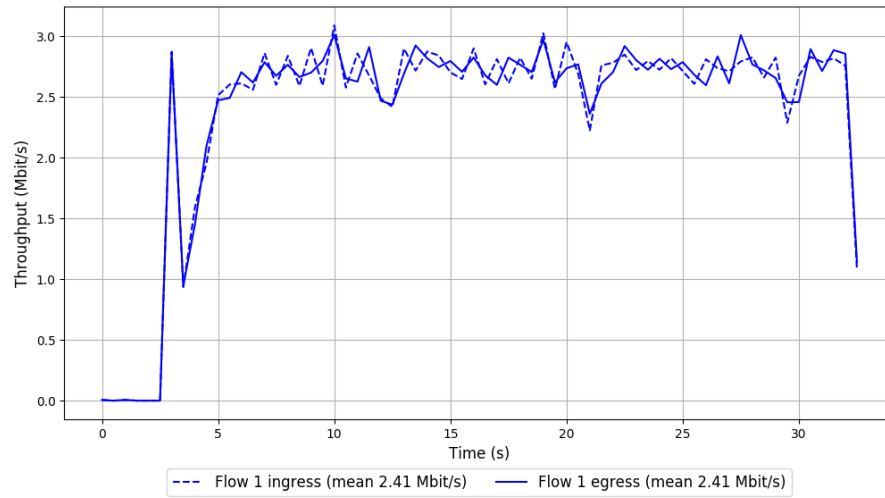


Run 7: Statistics of WebRTC media

Start at: 2018-03-13 08:33:27
End at: 2018-03-13 08:33:57
Local clock offset: 0.796 ms
Remote clock offset: -4.865 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 19.104 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 19.104 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

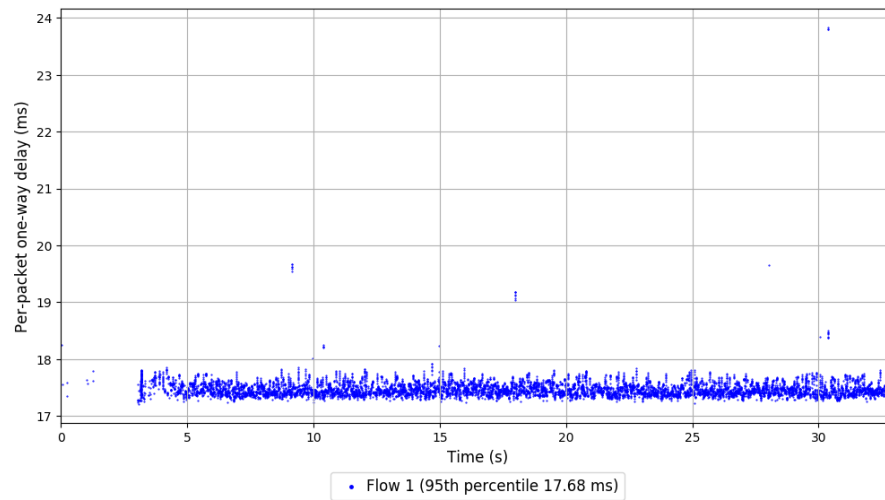
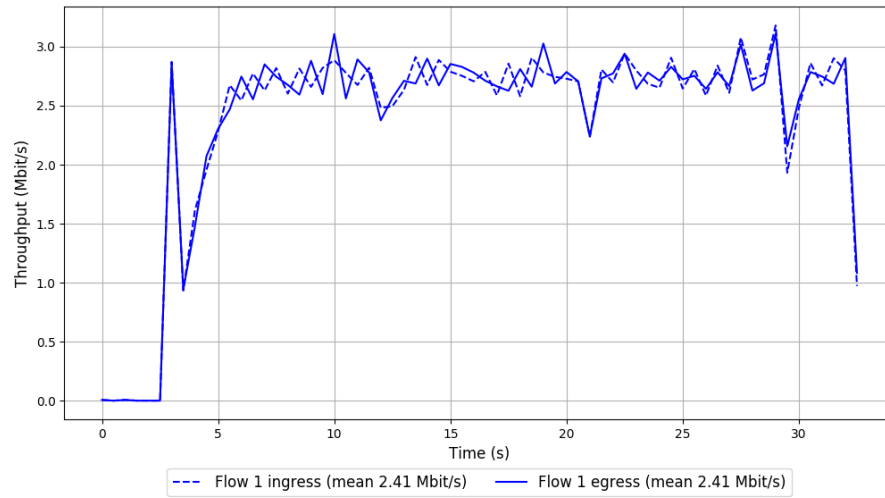


Run 8: Statistics of WebRTC media

Start at: 2018-03-13 09:00:50
End at: 2018-03-13 09:01:20
Local clock offset: 0.957 ms
Remote clock offset: -5.998 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 17.680 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 17.680 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

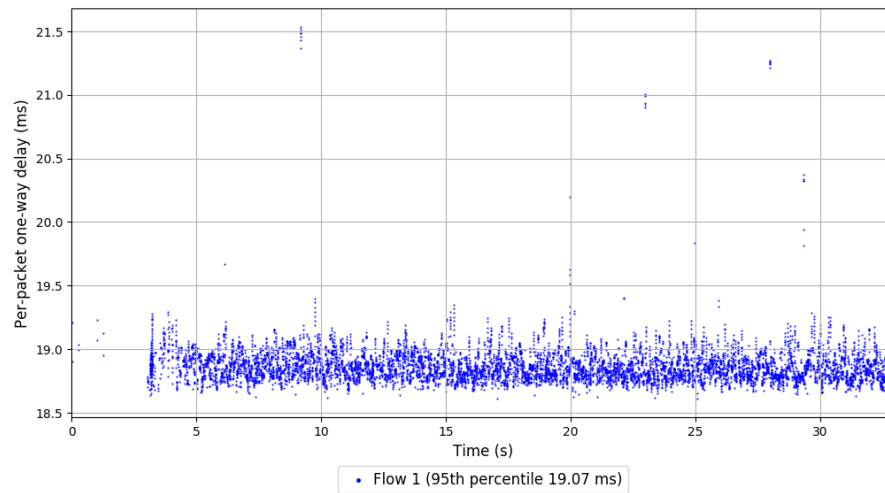
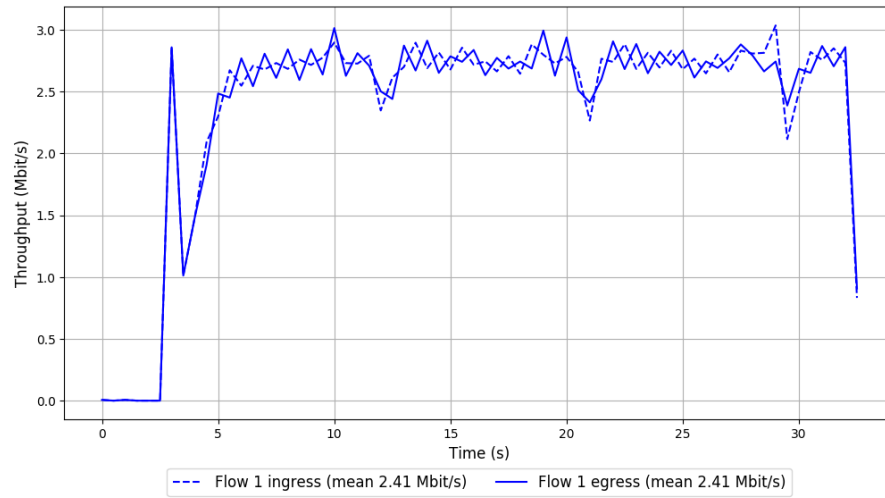


Run 9: Statistics of WebRTC media

Start at: 2018-03-13 09:28:30
End at: 2018-03-13 09:29:00
Local clock offset: 0.957 ms
Remote clock offset: -5.154 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 19.071 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.41 Mbit/s
95th percentile per-packet one-way delay: 19.071 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-03-13 09:56:07

End at: 2018-03-13 09:56:37

Local clock offset: 1.25 ms

Remote clock offset: -6.294 ms

Below is generated by plot.py at 2018-03-13 12:58:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.41 Mbit/s

95th percentile per-packet one-way delay: 19.090 ms

Loss rate: 0.09%

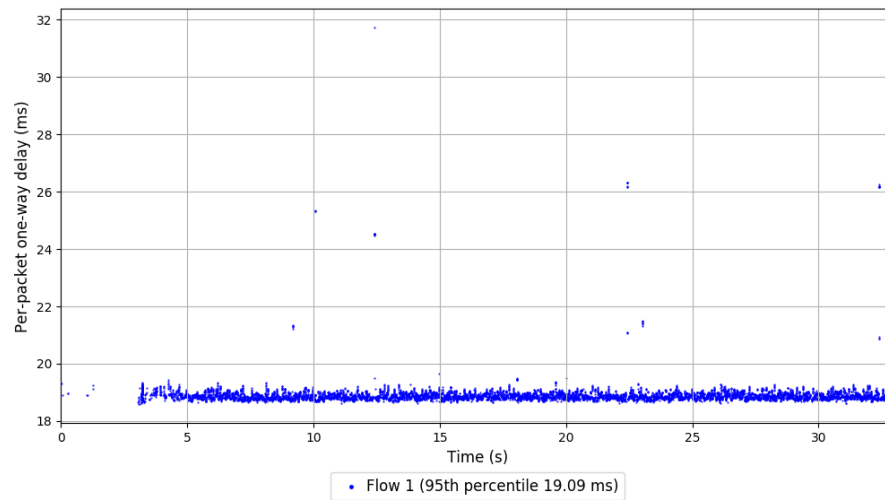
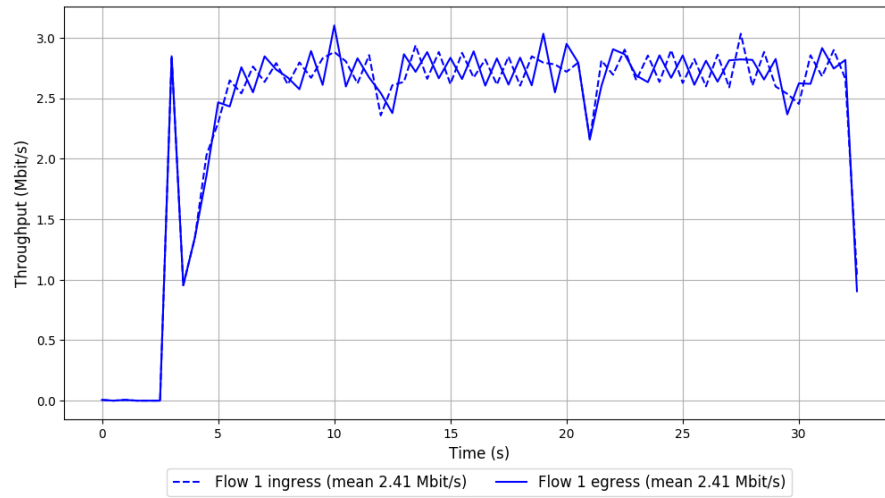
-- Flow 1:

Average throughput: 2.41 Mbit/s

95th percentile per-packet one-way delay: 19.090 ms

Loss rate: 0.09%

Run 10: Report of WebRTC media — Data Link

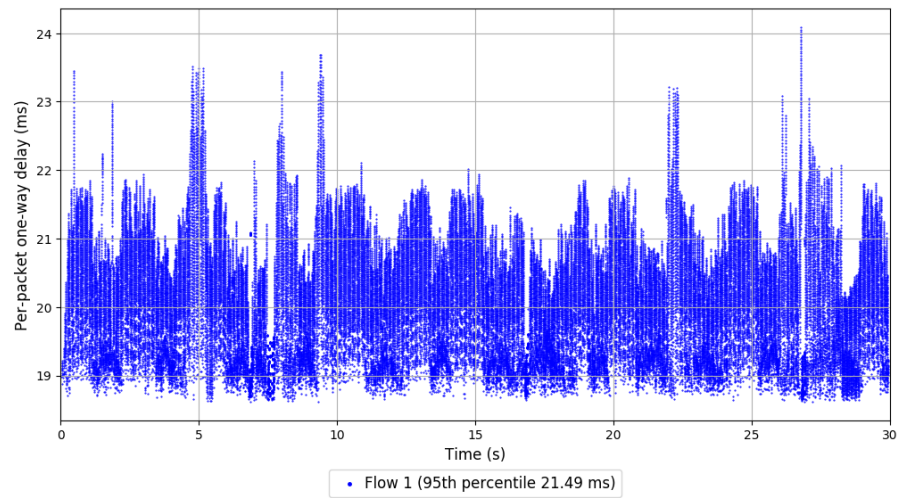
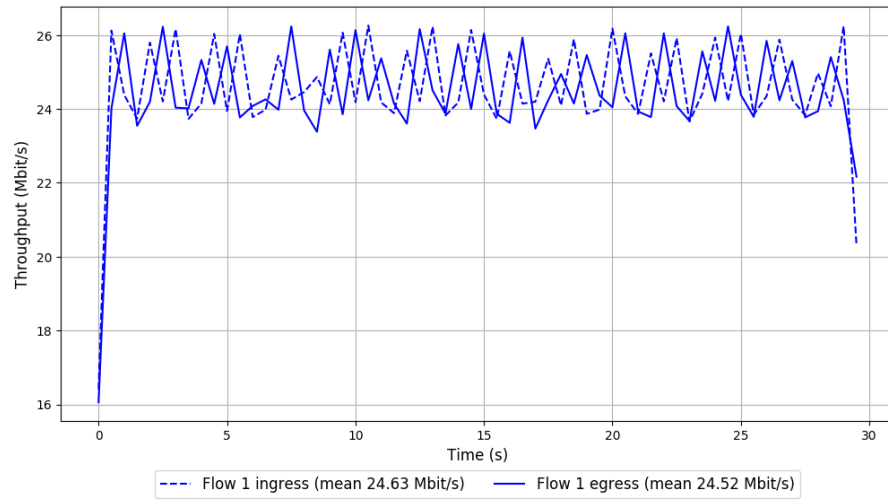


Run 1: Statistics of Sprout

Start at: 2018-03-13 05:34:05
End at: 2018-03-13 05:34:35
Local clock offset: 2.073 ms
Remote clock offset: -5.165 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 21.490 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 24.52 Mbit/s
95th percentile per-packet one-way delay: 21.490 ms
Loss rate: 0.45%

Run 1: Report of Sprout — Data Link

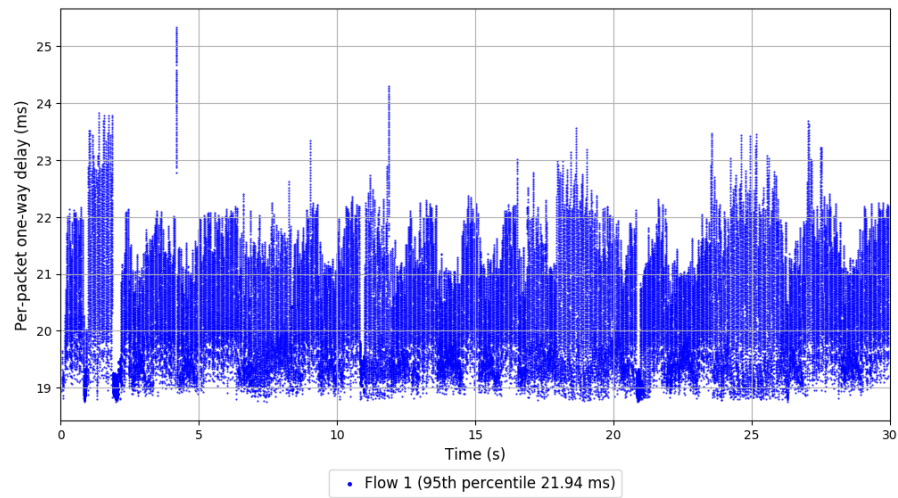
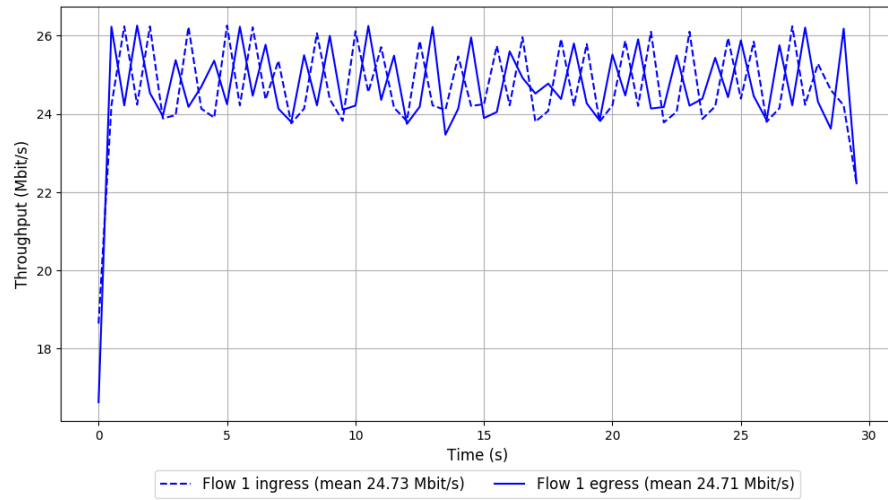


Run 2: Statistics of Sprout

Start at: 2018-03-13 06:01:10
End at: 2018-03-13 06:01:40
Local clock offset: 2.273 ms
Remote clock offset: -5.092 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.71 Mbit/s
95th percentile per-packet one-way delay: 21.940 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 24.71 Mbit/s
95th percentile per-packet one-way delay: 21.940 ms
Loss rate: 0.05%

Run 2: Report of Sprout — Data Link

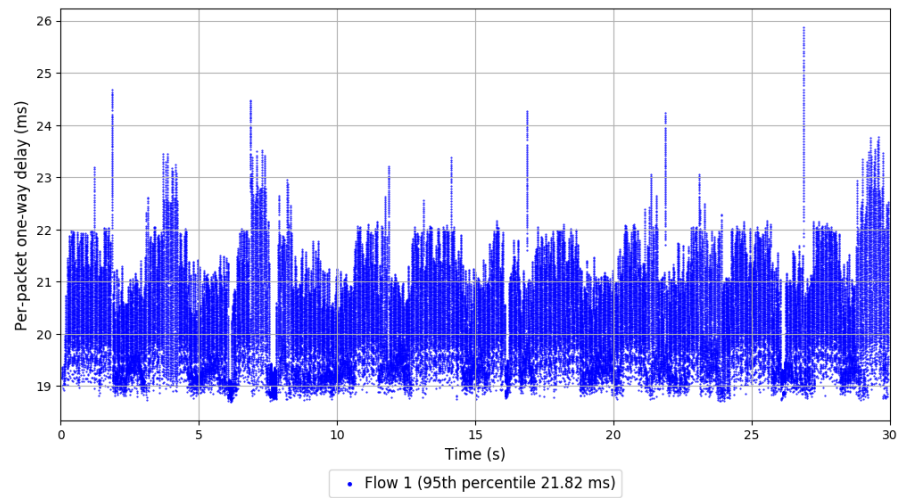
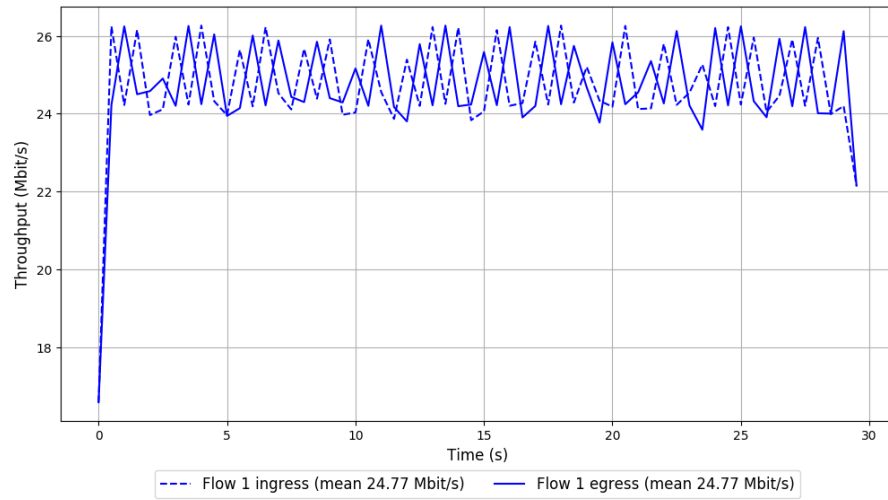


Run 3: Statistics of Sprout

Start at: 2018-03-13 06:28:34
End at: 2018-03-13 06:29:04
Local clock offset: 1.178 ms
Remote clock offset: -5.794 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.77 Mbit/s
95th percentile per-packet one-way delay: 21.818 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.77 Mbit/s
95th percentile per-packet one-way delay: 21.818 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

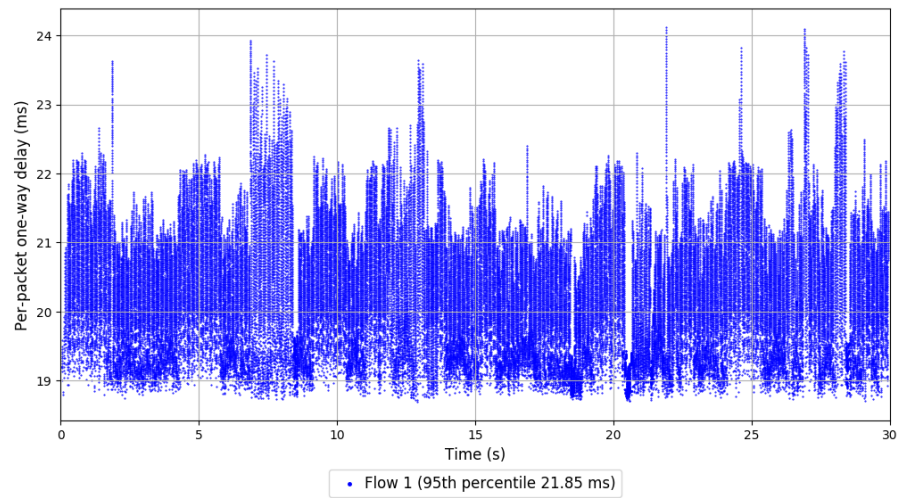
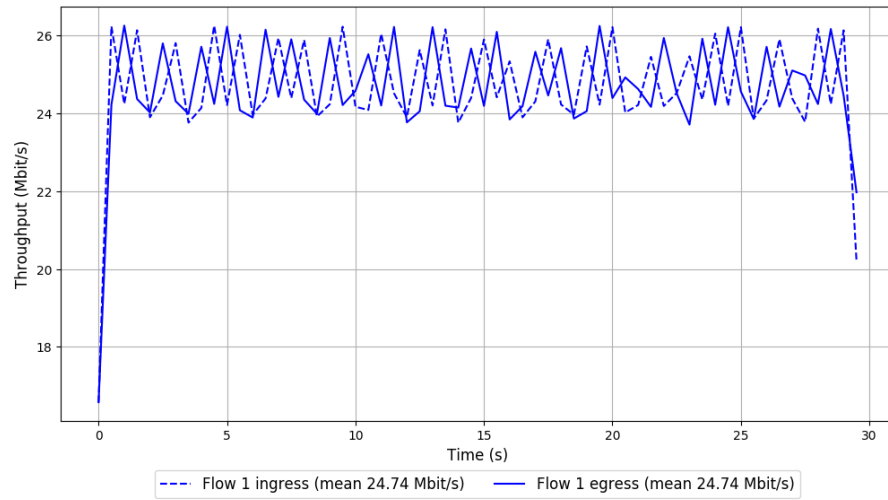


Run 4: Statistics of Sprout

Start at: 2018-03-13 06:56:22
End at: 2018-03-13 06:56:52
Local clock offset: 1.011 ms
Remote clock offset: -5.566 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.74 Mbit/s
95th percentile per-packet one-way delay: 21.851 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.74 Mbit/s
95th percentile per-packet one-way delay: 21.851 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

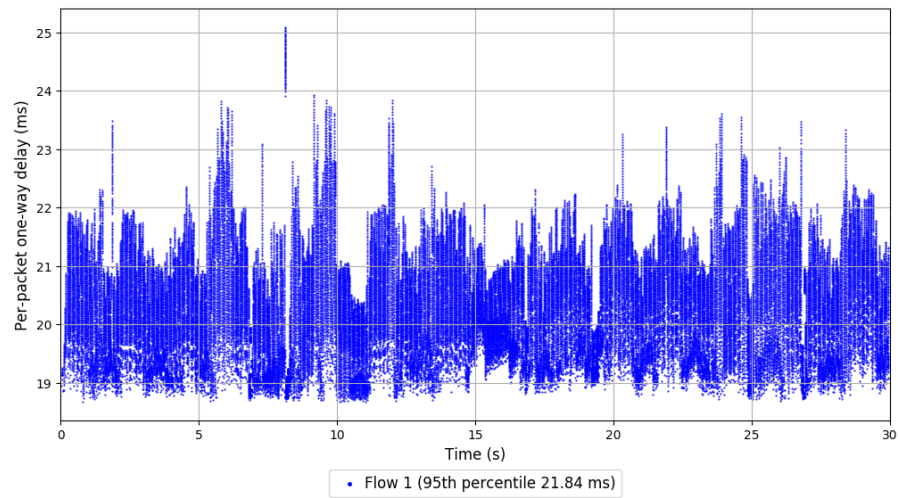
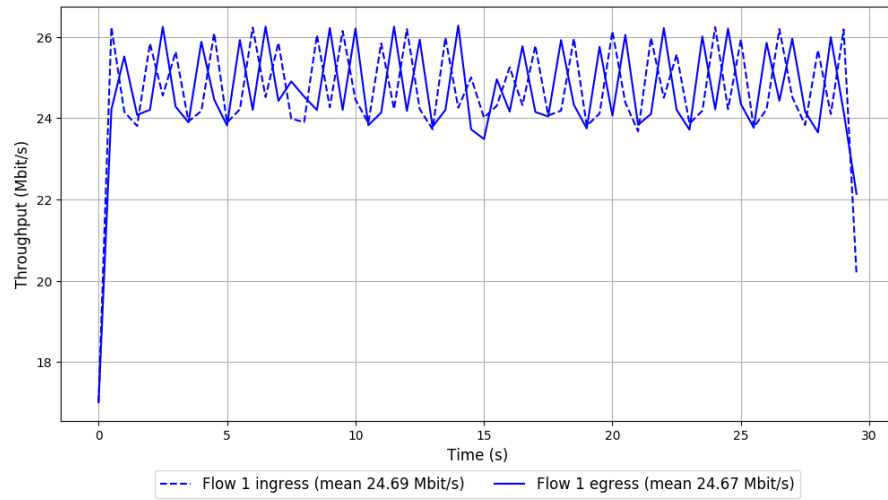


Run 5: Statistics of Sprout

Start at: 2018-03-13 07:23:53
End at: 2018-03-13 07:24:23
Local clock offset: 1.187 ms
Remote clock offset: -4.613 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 21.842 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 21.842 ms
Loss rate: 0.07%

Run 5: Report of Sprout — Data Link

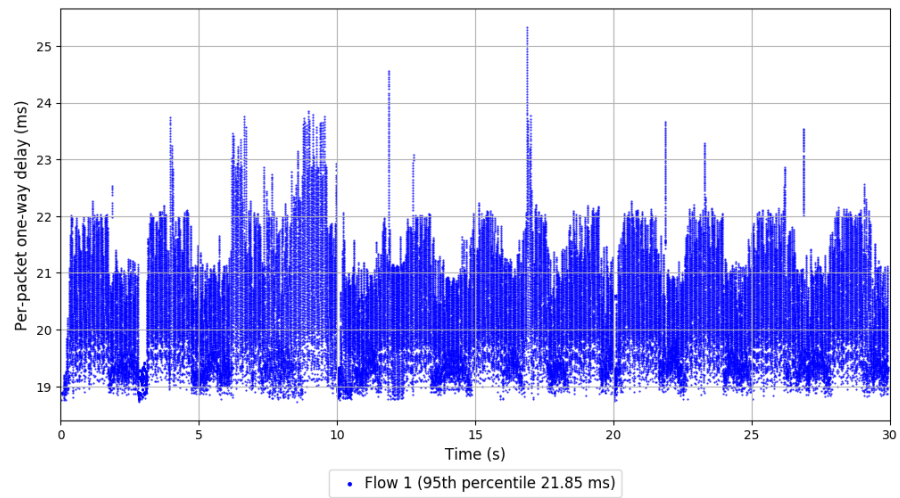
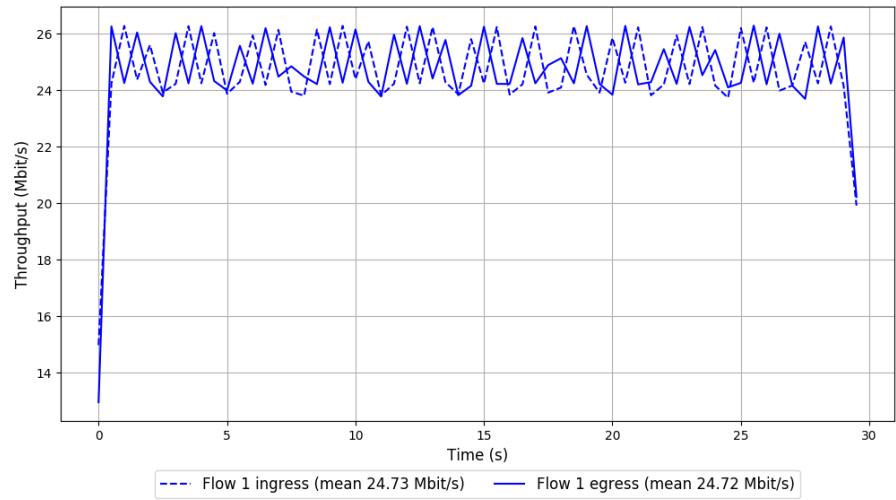


Run 6: Statistics of Sprout

Start at: 2018-03-13 07:51:39
End at: 2018-03-13 07:52:09
Local clock offset: 0.93 ms
Remote clock offset: -6.242 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 21.846 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 21.846 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

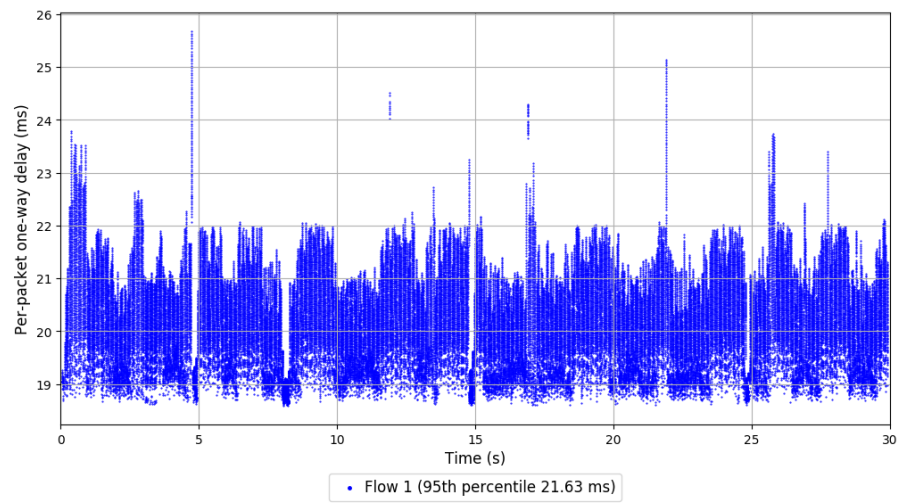
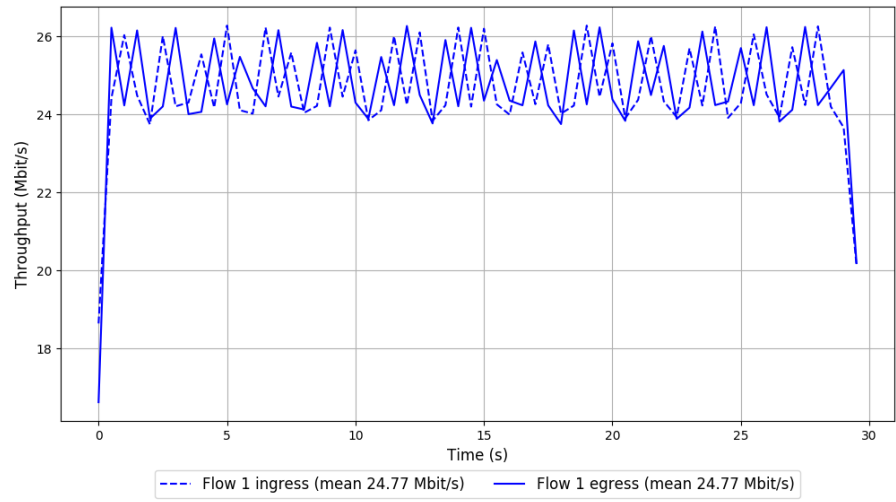


Run 7: Statistics of Sprout

Start at: 2018-03-13 08:19:04
End at: 2018-03-13 08:19:34
Local clock offset: 0.534 ms
Remote clock offset: -5.081 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.77 Mbit/s
95th percentile per-packet one-way delay: 21.633 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.77 Mbit/s
95th percentile per-packet one-way delay: 21.633 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

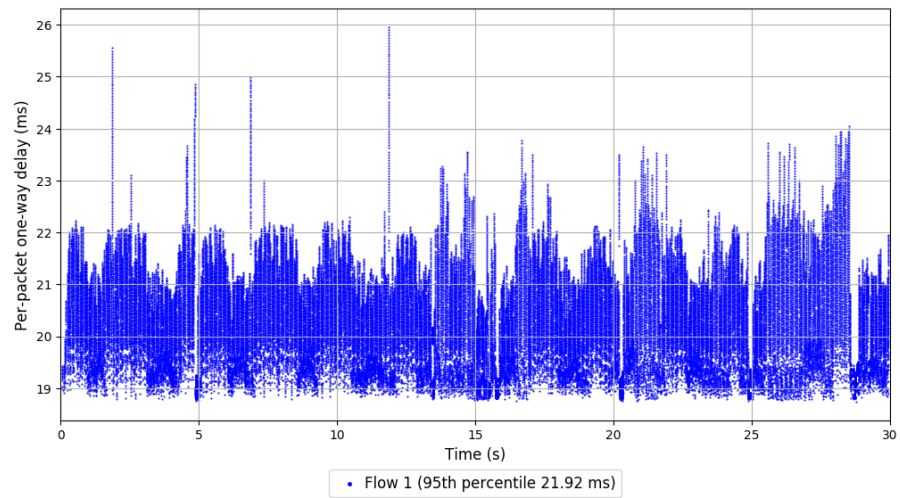
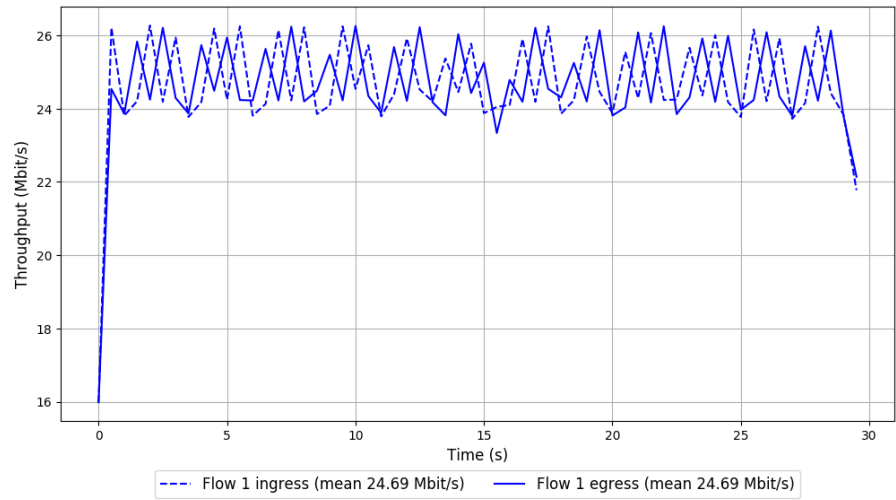


Run 8: Statistics of Sprout

Start at: 2018-03-13 08:46:43
End at: 2018-03-13 08:47:13
Local clock offset: 0.828 ms
Remote clock offset: -5.841 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.69 Mbit/s
95th percentile per-packet one-way delay: 21.916 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.69 Mbit/s
95th percentile per-packet one-way delay: 21.916 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

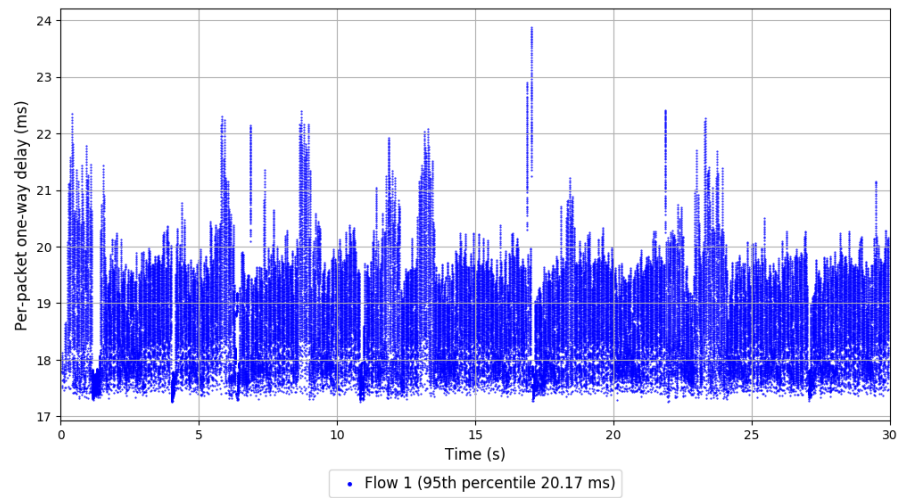
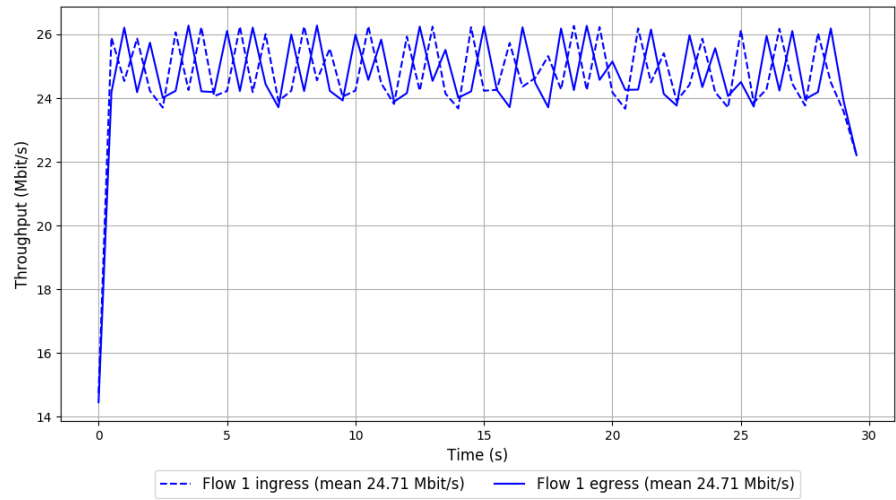


Run 9: Statistics of Sprout

Start at: 2018-03-13 09:14:11
End at: 2018-03-13 09:14:41
Local clock offset: 0.959 ms
Remote clock offset: -5.569 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.71 Mbit/s
95th percentile per-packet one-way delay: 20.169 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.71 Mbit/s
95th percentile per-packet one-way delay: 20.169 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

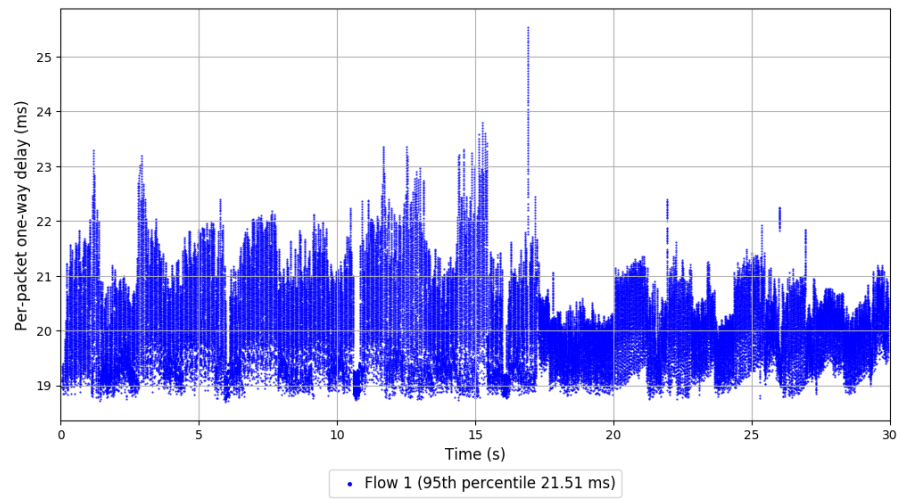
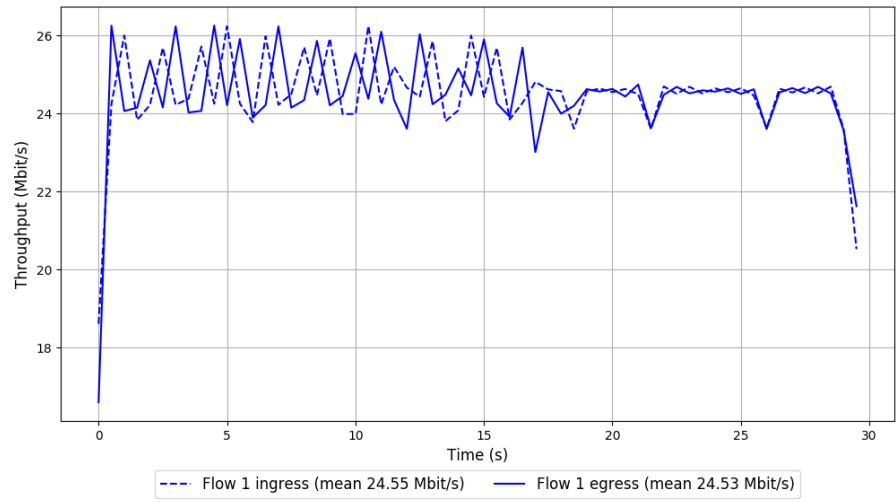


Run 10: Statistics of Sprout

Start at: 2018-03-13 09:42:01
End at: 2018-03-13 09:42:31
Local clock offset: 1.13 ms
Remote clock offset: -5.211 ms

Below is generated by plot.py at 2018-03-13 12:58:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 21.513 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 24.53 Mbit/s
95th percentile per-packet one-way delay: 21.513 ms
Loss rate: 0.07%

Run 10: Report of Sprout — Data Link

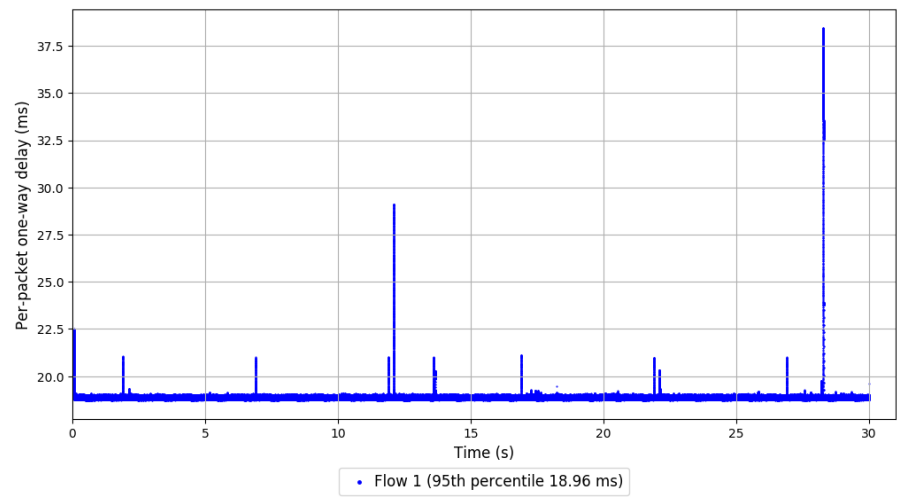
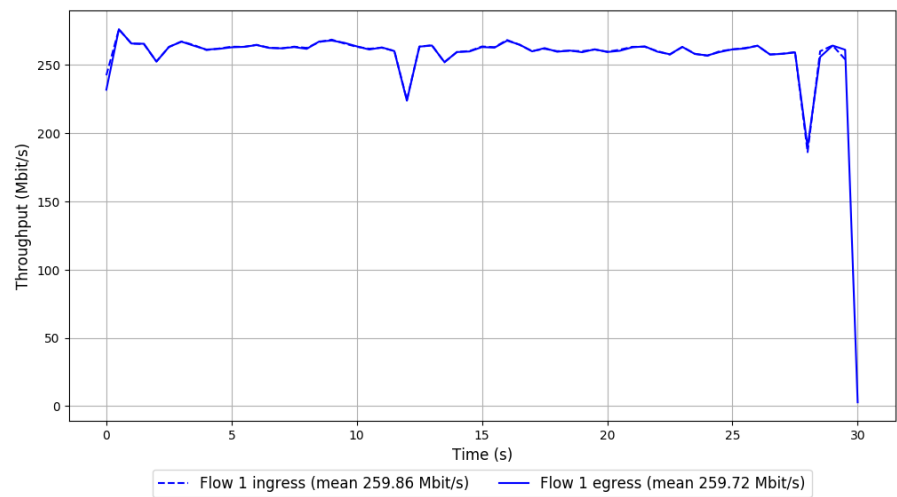


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-03-13 05:32:29
End at: 2018-03-13 05:32:59
Local clock offset: 1.958 ms
Remote clock offset: -5.11 ms

# Below is generated by plot.py at 2018-03-13 13:00:00
# Datalink statistics
-- Total of 1 flow:
Average throughput: 259.72 Mbit/s
95th percentile per-packet one-way delay: 18.959 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 259.72 Mbit/s
95th percentile per-packet one-way delay: 18.959 ms
Loss rate: 0.05%
```

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-03-13 05:59:35

End at: 2018-03-13 06:00:05

Local clock offset: 2.276 ms

Remote clock offset: -5.117 ms

Below is generated by plot.py at 2018-03-13 13:00:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 259.32 Mbit/s

95th percentile per-packet one-way delay: 18.911 ms

Loss rate: 0.01%

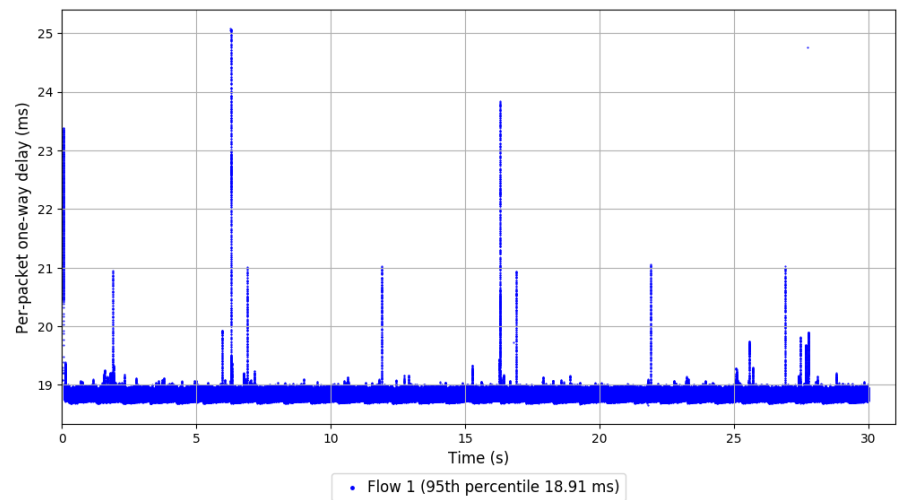
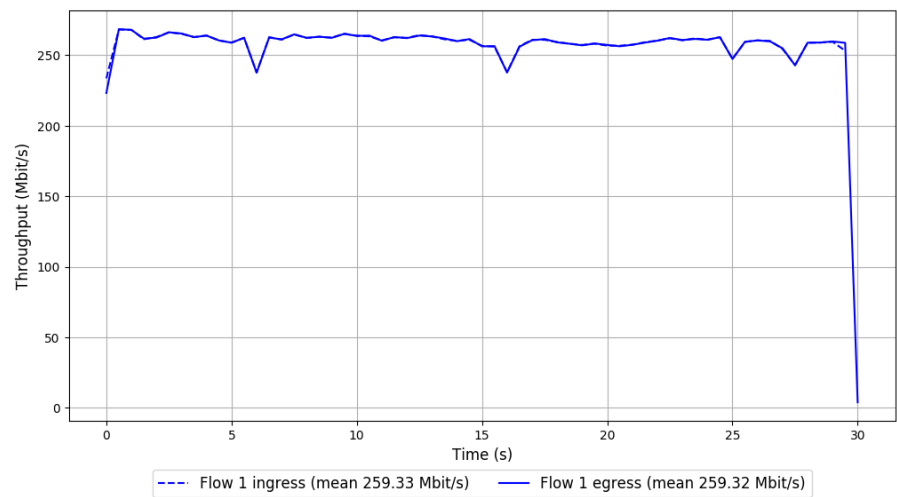
-- Flow 1:

Average throughput: 259.32 Mbit/s

95th percentile per-packet one-way delay: 18.911 ms

Loss rate: 0.01%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-03-13 06:26:59

End at: 2018-03-13 06:27:29

Local clock offset: 1.226 ms

Remote clock offset: -5.761 ms

Below is generated by plot.py at 2018-03-13 13:00:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 263.59 Mbit/s

95th percentile per-packet one-way delay: 18.851 ms

Loss rate: 0.00%

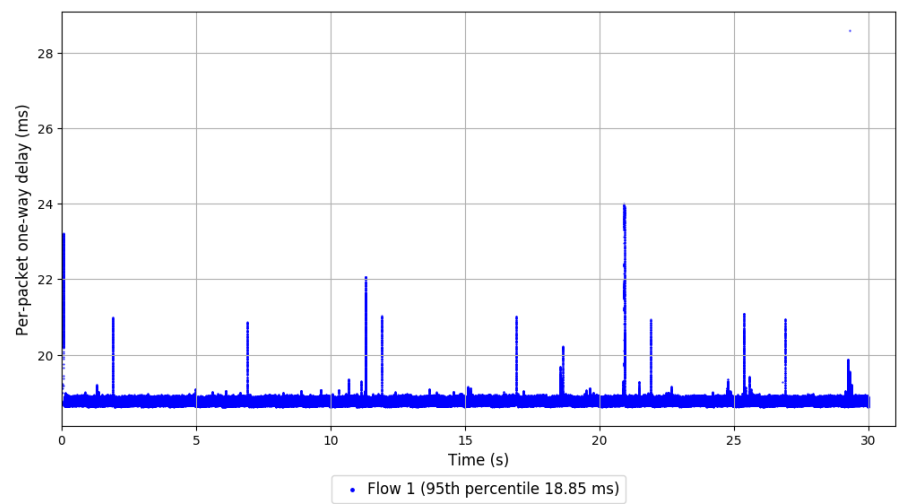
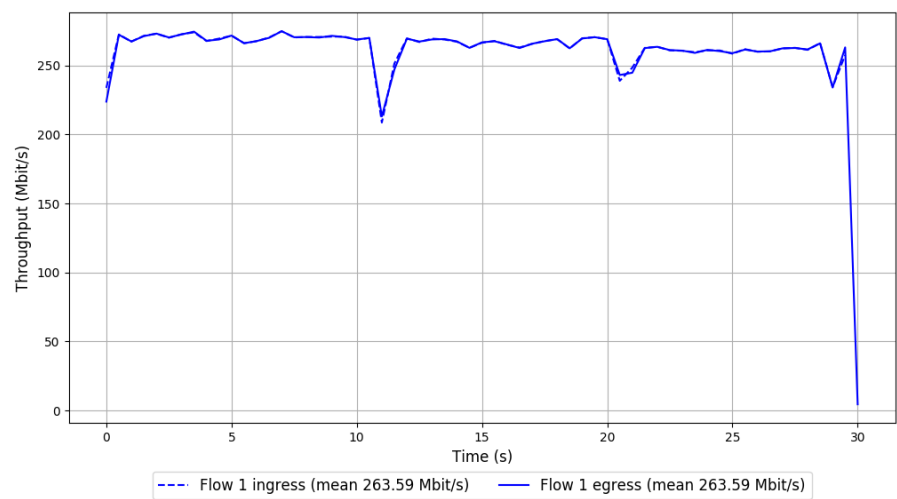
-- Flow 1:

Average throughput: 263.59 Mbit/s

95th percentile per-packet one-way delay: 18.851 ms

Loss rate: 0.00%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-03-13 06:54:46

End at: 2018-03-13 06:55:16

Local clock offset: 1.11 ms

Remote clock offset: -5.64 ms

Below is generated by plot.py at 2018-03-13 13:00:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 250.53 Mbit/s

95th percentile per-packet one-way delay: 18.858 ms

Loss rate: 0.00%

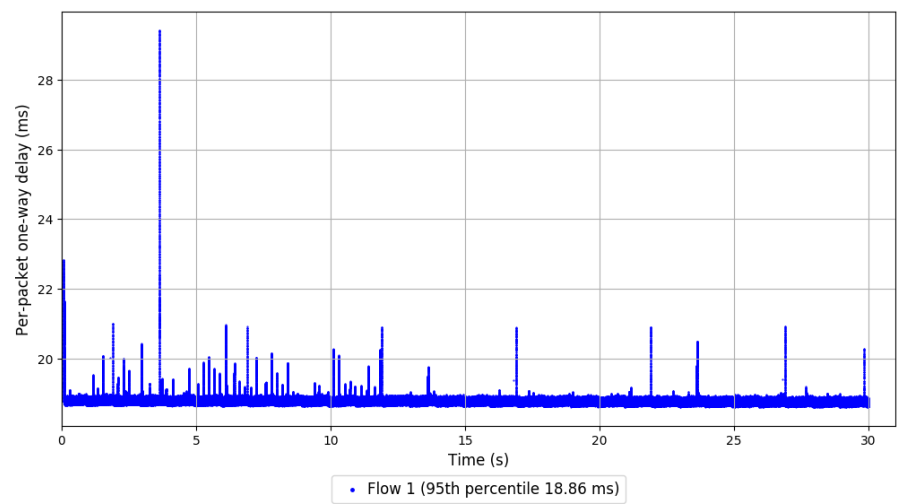
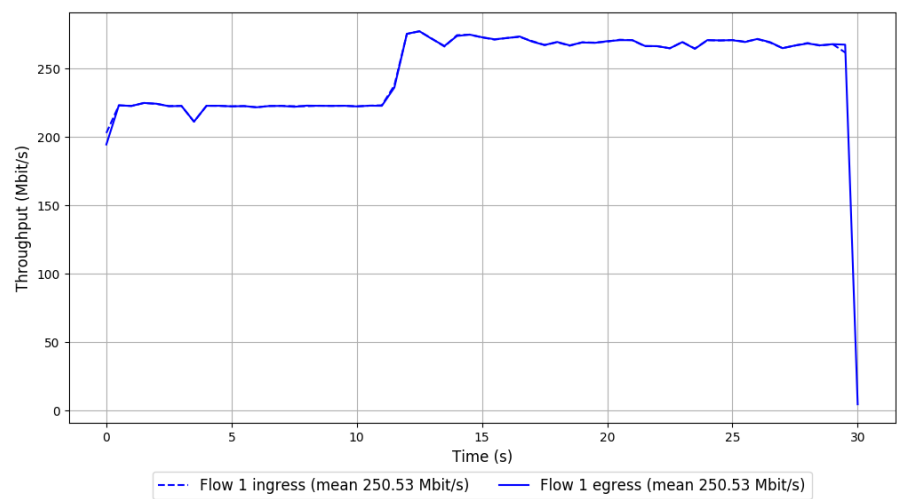
-- Flow 1:

Average throughput: 250.53 Mbit/s

95th percentile per-packet one-way delay: 18.858 ms

Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-03-13 07:22:17

End at: 2018-03-13 07:22:48

Local clock offset: 1.09 ms

Remote clock offset: -4.632 ms

Below is generated by plot.py at 2018-03-13 13:00:09

Datalink statistics

-- Total of 1 flow:

Average throughput: 259.28 Mbit/s

95th percentile per-packet one-way delay: 18.902 ms

Loss rate: 0.00%

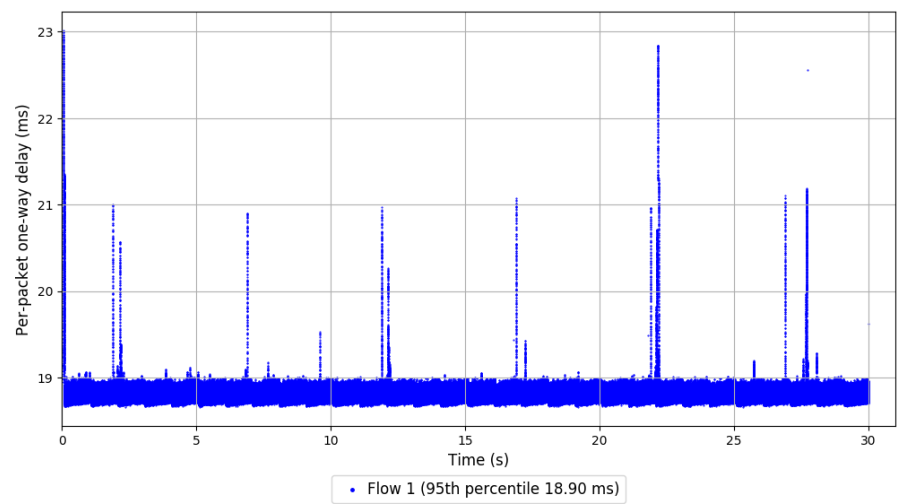
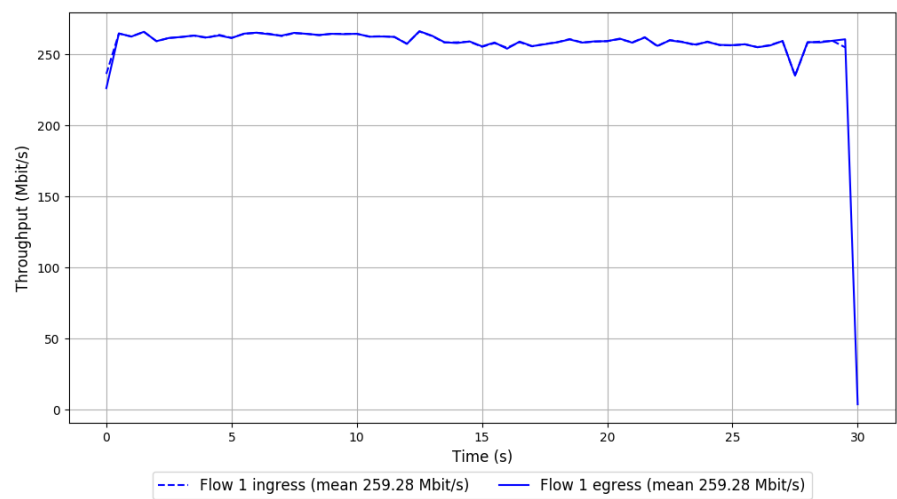
-- Flow 1:

Average throughput: 259.28 Mbit/s

95th percentile per-packet one-way delay: 18.902 ms

Loss rate: 0.00%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-03-13 07:50:02

End at: 2018-03-13 07:50:32

Local clock offset: 0.975 ms

Remote clock offset: -6.218 ms

Below is generated by plot.py at 2018-03-13 13:00:21

Datalink statistics

-- Total of 1 flow:

Average throughput: 265.09 Mbit/s

95th percentile per-packet one-way delay: 18.866 ms

Loss rate: 0.00%

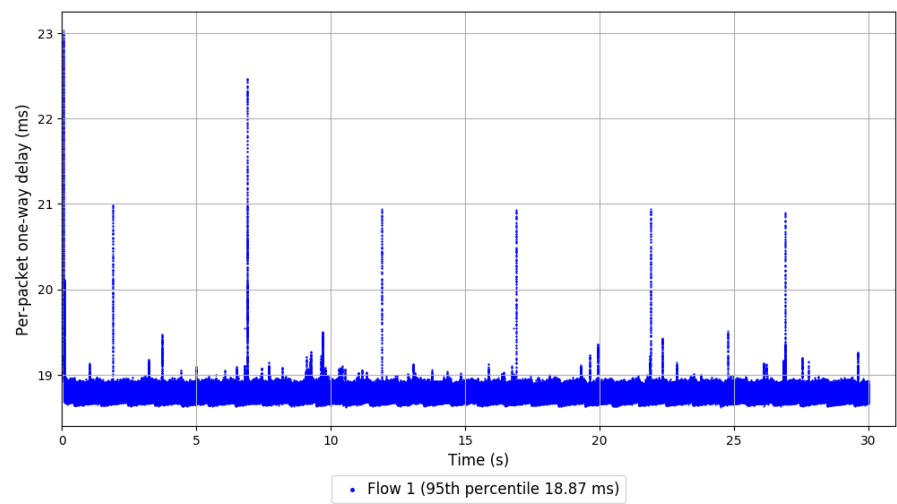
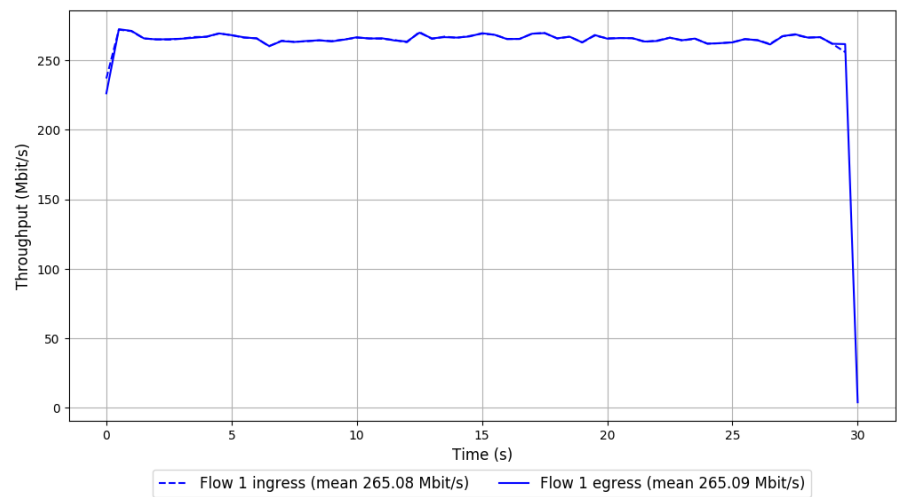
-- Flow 1:

Average throughput: 265.09 Mbit/s

95th percentile per-packet one-way delay: 18.866 ms

Loss rate: 0.00%

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

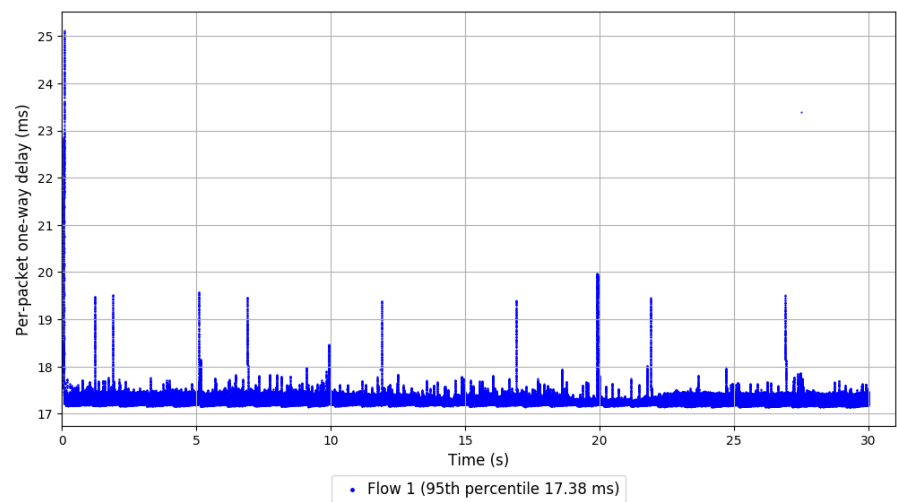
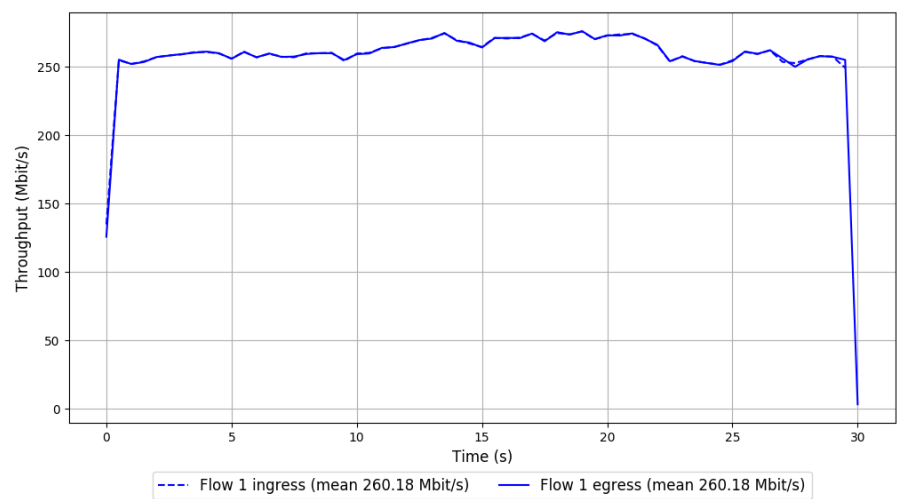


Run 7: Statistics of TaoVA-100x

Start at: 2018-03-13 08:17:29
End at: 2018-03-13 08:17:59
Local clock offset: 0.576 ms
Remote clock offset: -5.047 ms

Below is generated by plot.py at 2018-03-13 13:02:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 260.18 Mbit/s
95th percentile per-packet one-way delay: 17.377 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 260.18 Mbit/s
95th percentile per-packet one-way delay: 17.377 ms
Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-03-13 08:45:08

End at: 2018-03-13 08:45:38

Local clock offset: 0.822 ms

Remote clock offset: -5.783 ms

Below is generated by plot.py at 2018-03-13 13:05:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 256.94 Mbit/s

95th percentile per-packet one-way delay: 18.935 ms

Loss rate: 0.00%

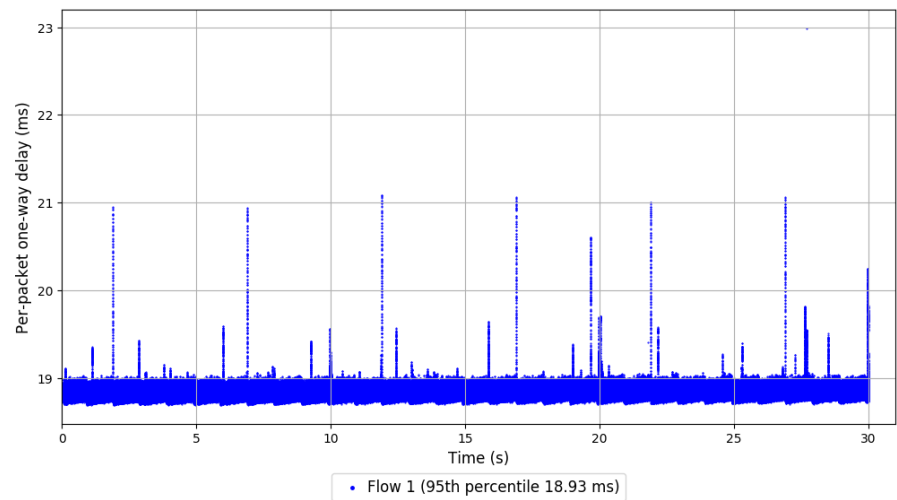
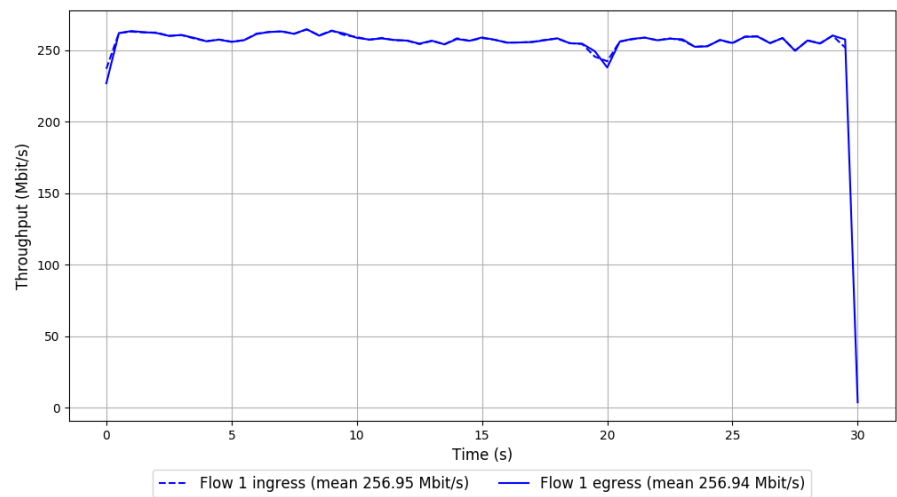
-- Flow 1:

Average throughput: 256.94 Mbit/s

95th percentile per-packet one-way delay: 18.935 ms

Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-03-13 09:12:37

End at: 2018-03-13 09:13:07

Local clock offset: 0.942 ms

Remote clock offset: -5.693 ms

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

Datalink statistics

-- Total of 1 flow:

Average throughput: 230.55 Mbit/s

95th percentile per-packet one-way delay: 19.761 ms

Loss rate: 0.02%

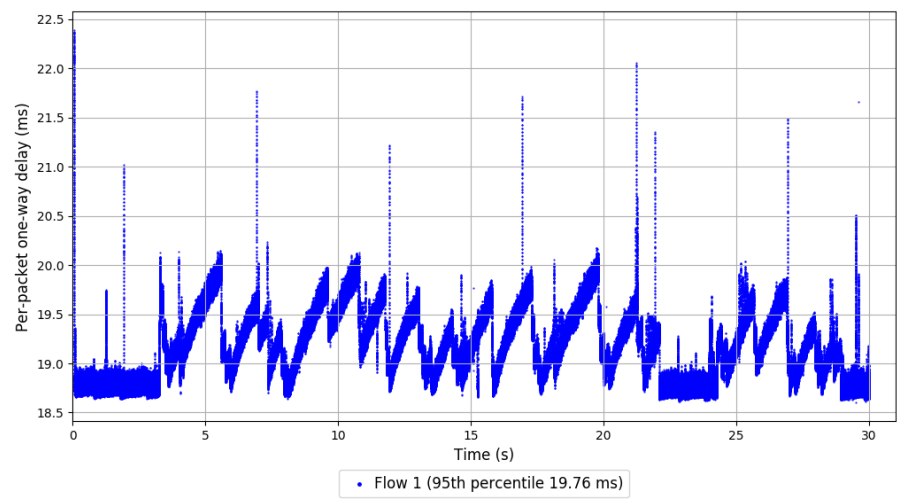
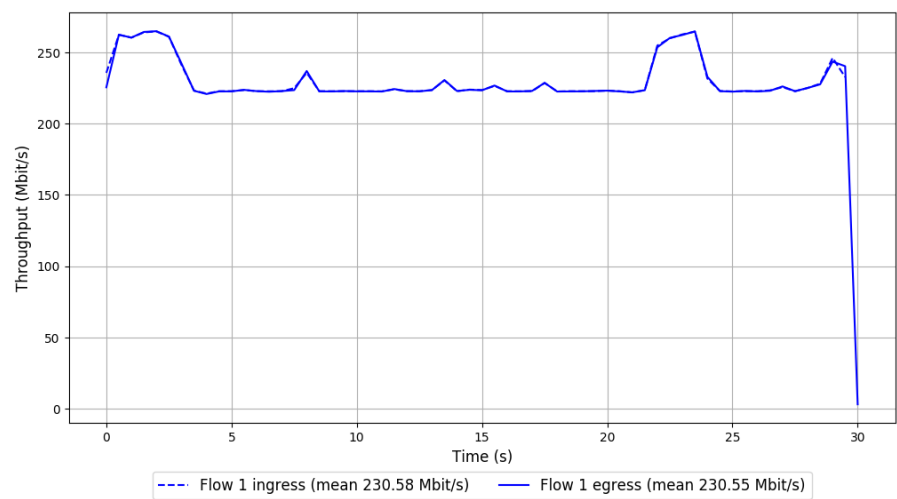
-- Flow 1:

Average throughput: 230.55 Mbit/s

95th percentile per-packet one-way delay: 19.761 ms

Loss rate: 0.02%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-03-13 09:40:25

End at: 2018-03-13 09:40:55

Local clock offset: 1.144 ms

Remote clock offset: -5.076 ms

Below is generated by plot.py at 2018-03-13 13:06:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 260.89 Mbit/s

95th percentile per-packet one-way delay: 18.852 ms

Loss rate: 0.01%

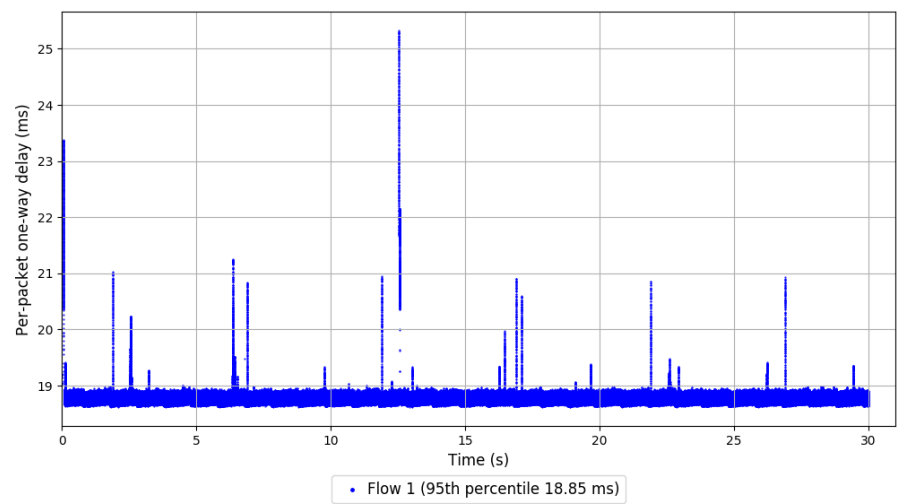
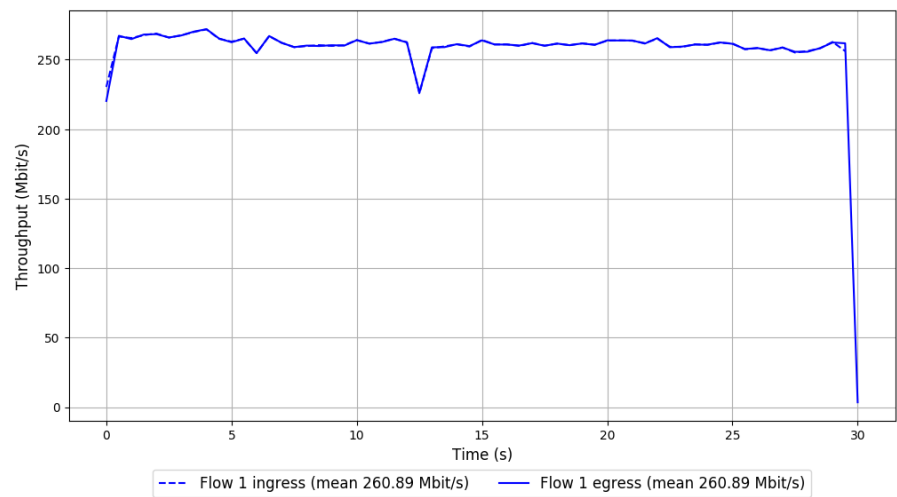
-- Flow 1:

Average throughput: 260.89 Mbit/s

95th percentile per-packet one-way delay: 18.852 ms

Loss rate: 0.01%

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

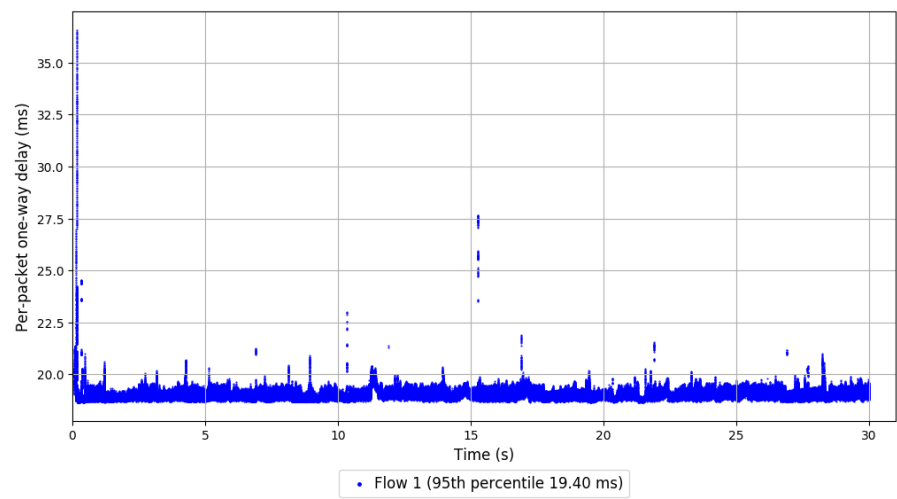
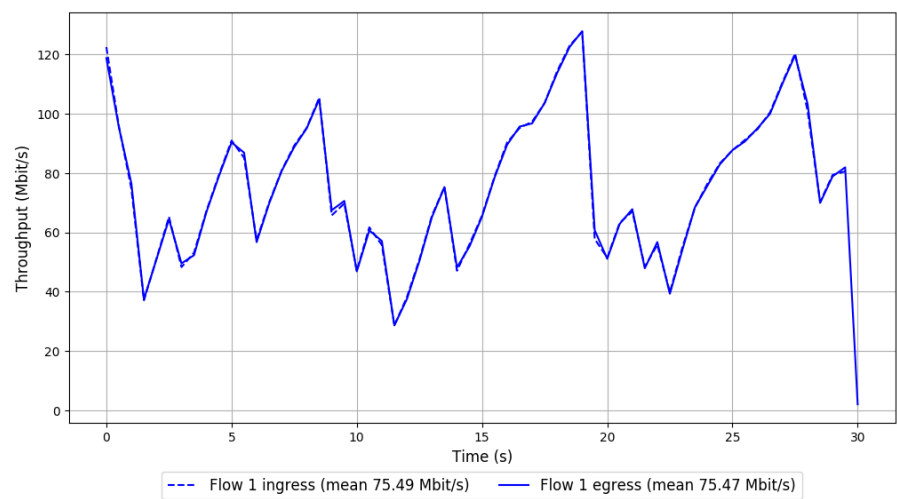


Run 1: Statistics of TCP Vegas

Start at: 2018-03-13 05:53:51
End at: 2018-03-13 05:54:21
Local clock offset: 2.277 ms
Remote clock offset: -5.114 ms

Below is generated by plot.py at 2018-03-13 13:06:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.47 Mbit/s
95th percentile per-packet one-way delay: 19.399 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 75.47 Mbit/s
95th percentile per-packet one-way delay: 19.399 ms
Loss rate: 0.02%

Run 1: Report of TCP Vegas — Data Link

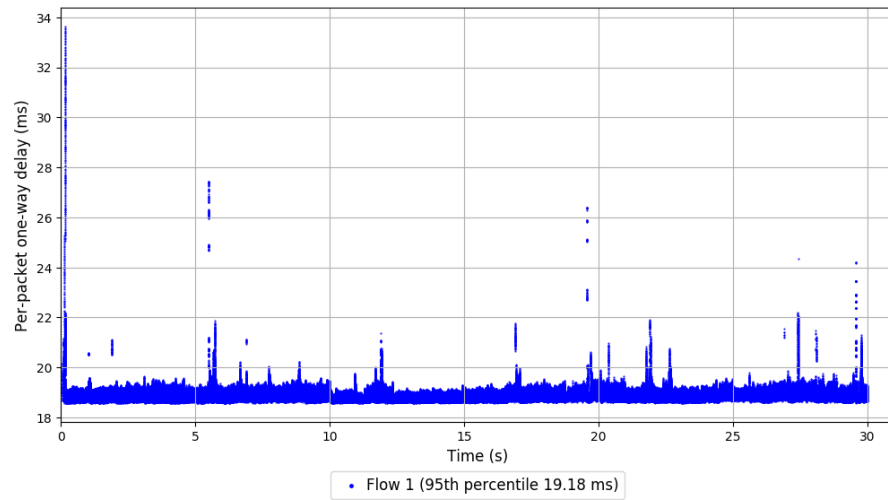
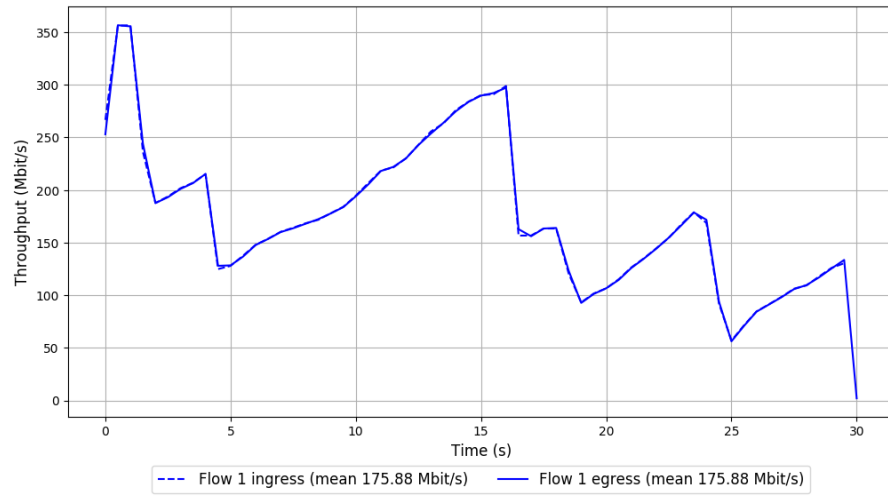


Run 2: Statistics of TCP Vegas

Start at: 2018-03-13 06:21:01
End at: 2018-03-13 06:21:31
Local clock offset: 1.426 ms
Remote clock offset: -5.525 ms

Below is generated by plot.py at 2018-03-13 13:06:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 175.88 Mbit/s
95th percentile per-packet one-way delay: 19.176 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 175.88 Mbit/s
95th percentile per-packet one-way delay: 19.176 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-03-13 06:48:46

End at: 2018-03-13 06:49:16

Local clock offset: 1.111 ms

Remote clock offset: -6.18 ms

Below is generated by plot.py at 2018-03-13 13:06:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 181.24 Mbit/s

95th percentile per-packet one-way delay: 19.259 ms

Loss rate: 0.00%

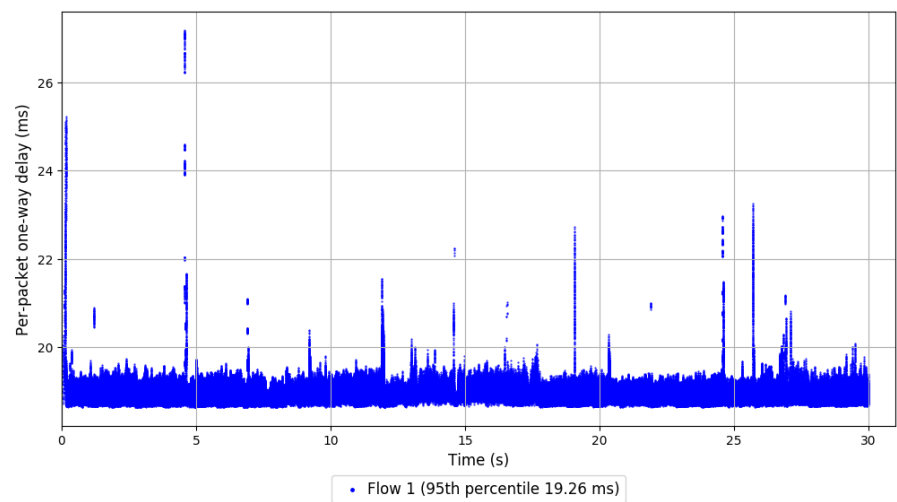
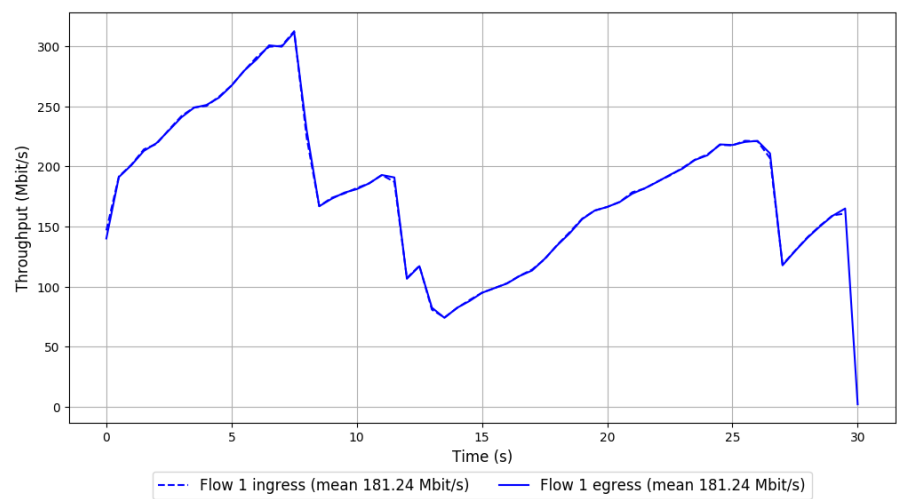
-- Flow 1:

Average throughput: 181.24 Mbit/s

95th percentile per-packet one-way delay: 19.259 ms

Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

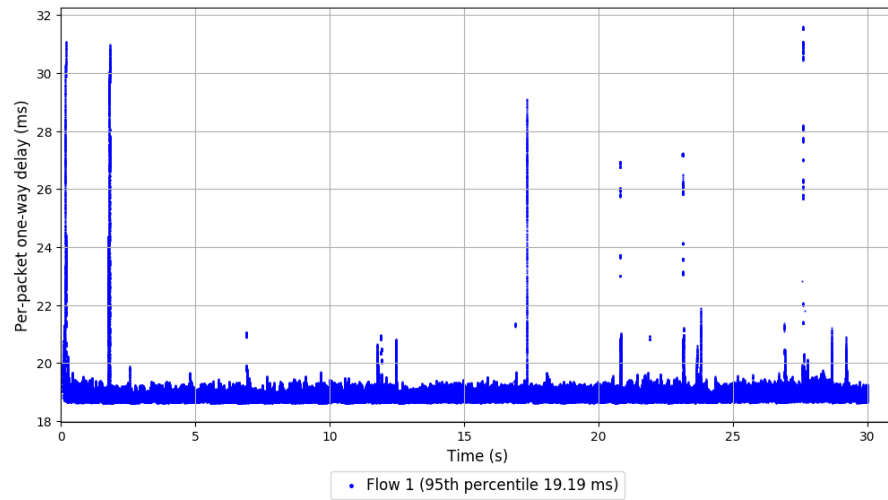
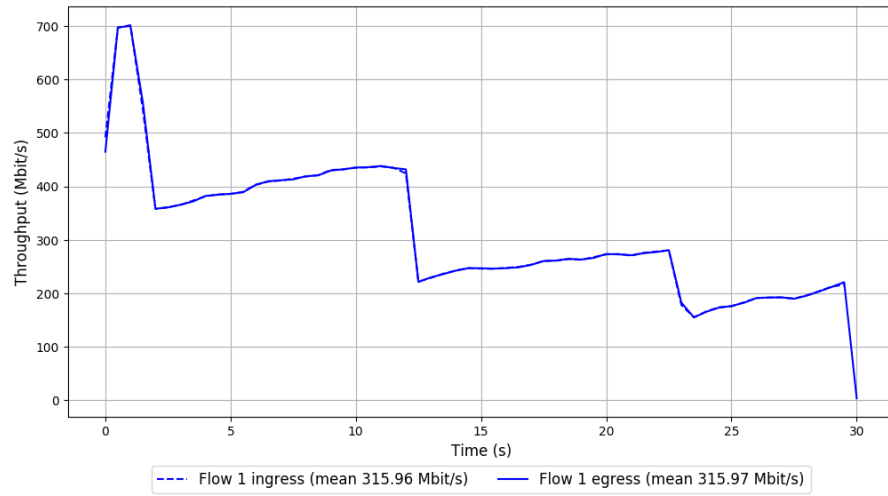


Run 4: Statistics of TCP Vegas

Start at: 2018-03-13 07:16:18
End at: 2018-03-13 07:16:48
Local clock offset: 1.022 ms
Remote clock offset: -4.718 ms

Below is generated by plot.py at 2018-03-13 13:06:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 315.97 Mbit/s
95th percentile per-packet one-way delay: 19.189 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 315.97 Mbit/s
95th percentile per-packet one-way delay: 19.189 ms
Loss rate: 0.01%

Run 4: Report of TCP Vegas — Data Link

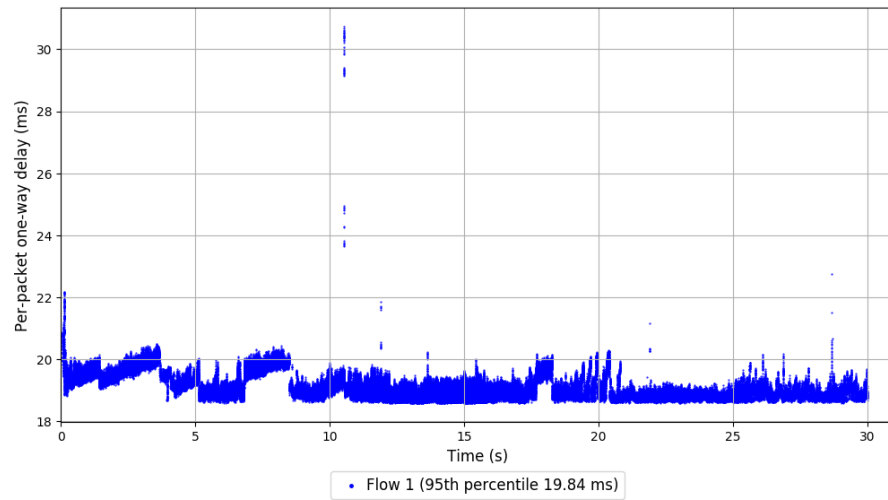
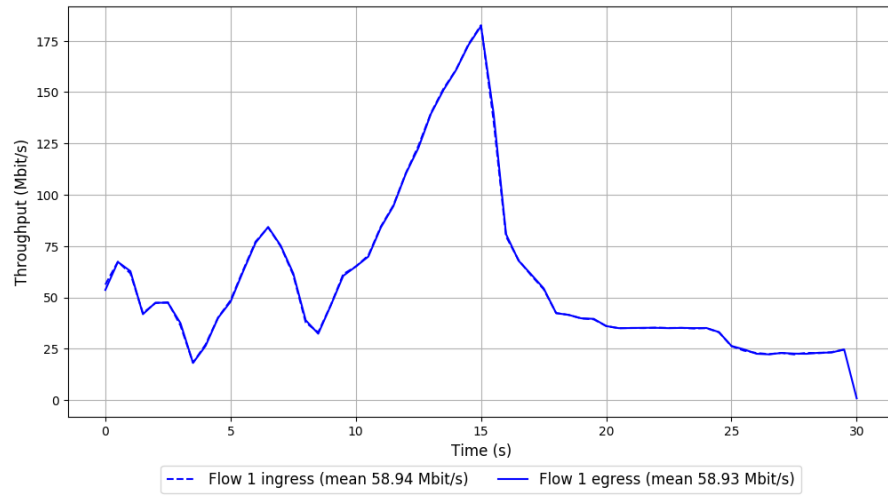


Run 5: Statistics of TCP Vegas

Start at: 2018-03-13 07:43:59
End at: 2018-03-13 07:44:29
Local clock offset: 1.183 ms
Remote clock offset: -6.065 ms

Below is generated by plot.py at 2018-03-13 13:06:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 58.93 Mbit/s
95th percentile per-packet one-way delay: 19.844 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 58.93 Mbit/s
95th percentile per-packet one-way delay: 19.844 ms
Loss rate: 0.01%

Run 5: Report of TCP Vegas — Data Link

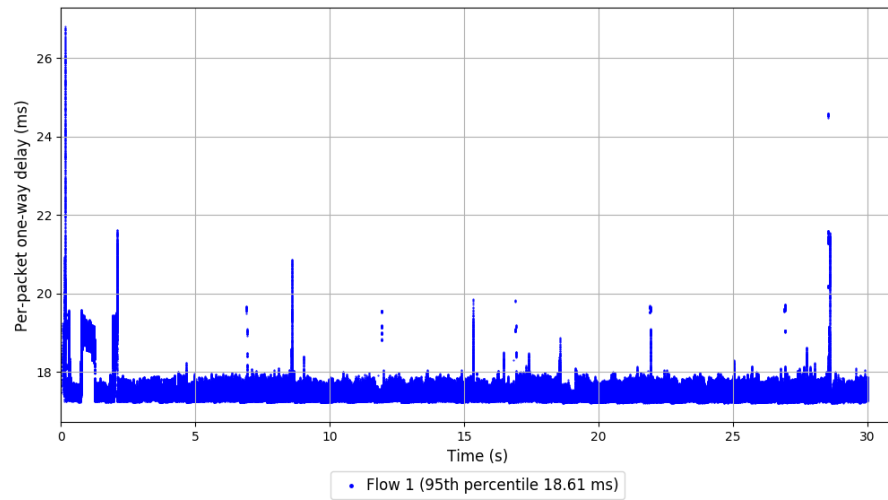
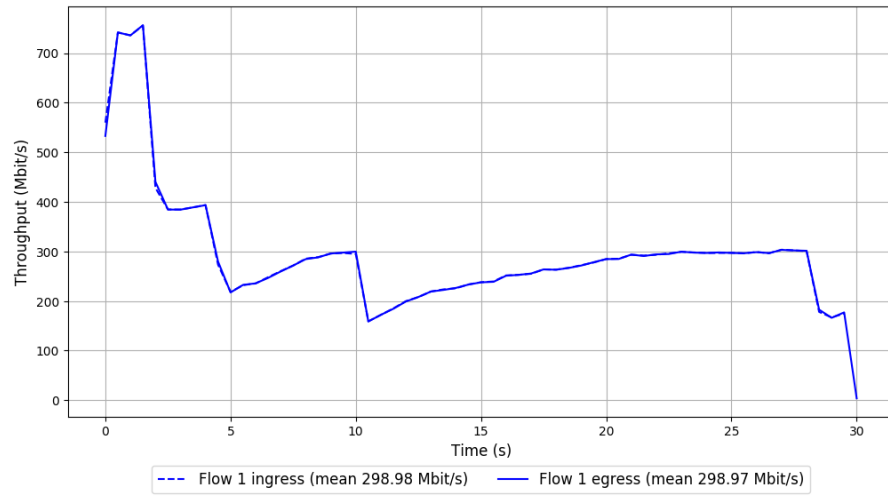


Run 6: Statistics of TCP Vegas

Start at: 2018-03-13 08:11:30
End at: 2018-03-13 08:12:00
Local clock offset: 0.652 ms
Remote clock offset: -5.231 ms

Below is generated by plot.py at 2018-03-13 13:06:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 298.97 Mbit/s
95th percentile per-packet one-way delay: 18.611 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 298.97 Mbit/s
95th percentile per-packet one-way delay: 18.611 ms
Loss rate: 0.01%

Run 6: Report of TCP Vegas — Data Link

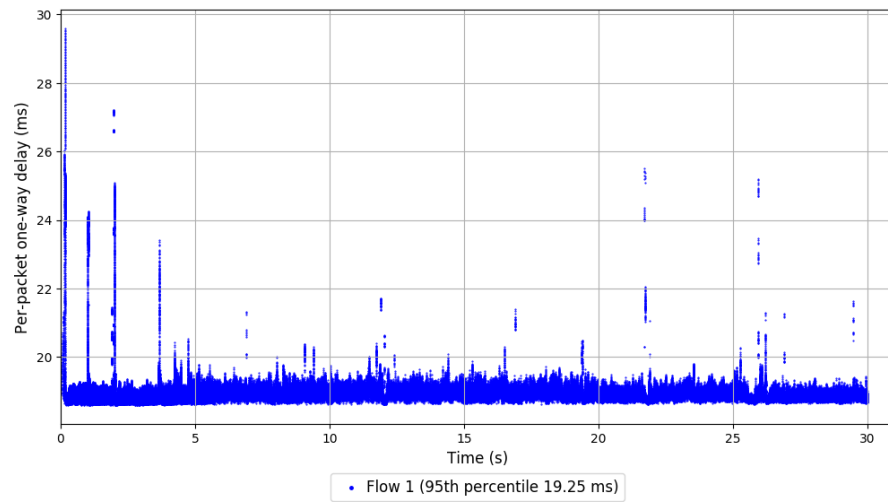
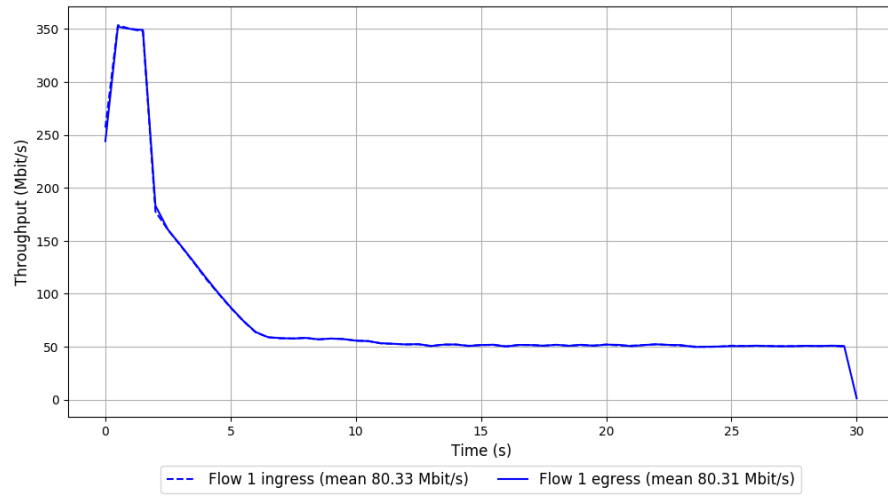


Run 7: Statistics of TCP Vegas

Start at: 2018-03-13 08:39:16
End at: 2018-03-13 08:39:46
Local clock offset: 0.897 ms
Remote clock offset: -5.451 ms

Below is generated by plot.py at 2018-03-13 13:06:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 80.31 Mbit/s
95th percentile per-packet one-way delay: 19.253 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 80.31 Mbit/s
95th percentile per-packet one-way delay: 19.253 ms
Loss rate: 0.03%

Run 7: Report of TCP Vegas — Data Link

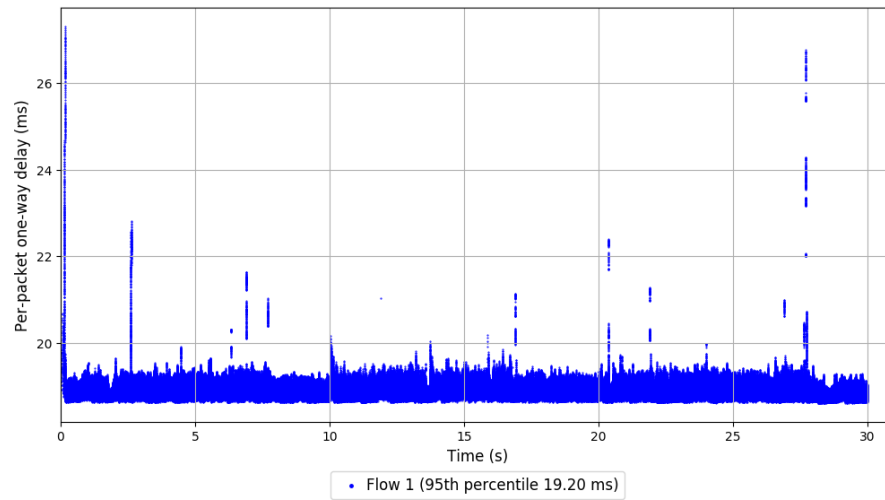
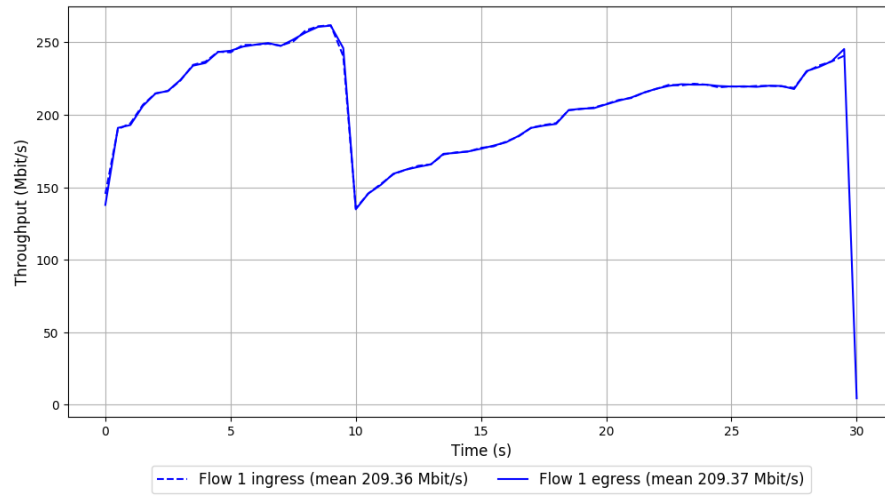


Run 8: Statistics of TCP Vegas

Start at: 2018-03-13 09:06:40
End at: 2018-03-13 09:07:10
Local clock offset: 0.955 ms
Remote clock offset: -6.159 ms

Below is generated by plot.py at 2018-03-13 13:06:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 209.37 Mbit/s
95th percentile per-packet one-way delay: 19.197 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 209.37 Mbit/s
95th percentile per-packet one-way delay: 19.197 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-03-13 09:34:22

End at: 2018-03-13 09:34:52

Local clock offset: 1.018 ms

Remote clock offset: -5.11 ms

Below is generated by plot.py at 2018-03-13 13:06:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.87 Mbit/s

95th percentile per-packet one-way delay: 19.273 ms

Loss rate: 0.02%

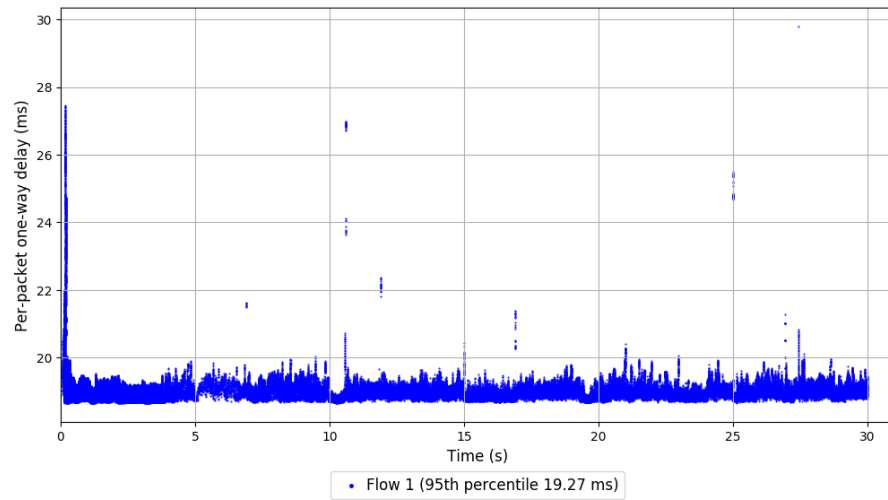
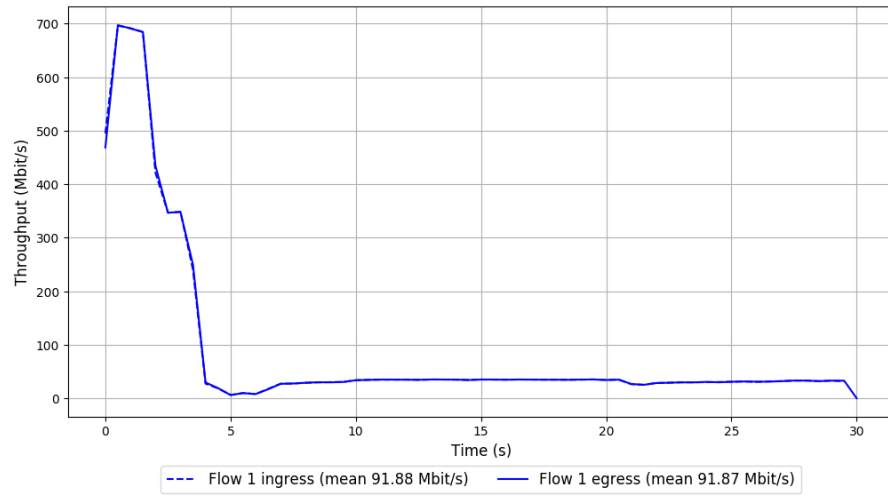
-- Flow 1:

Average throughput: 91.87 Mbit/s

95th percentile per-packet one-way delay: 19.273 ms

Loss rate: 0.02%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-03-13 10:01:54

End at: 2018-03-13 10:02:24

Local clock offset: 1.259 ms

Remote clock offset: -6.536 ms

Below is generated by plot.py at 2018-03-13 13:06:44

Datalink statistics

-- Total of 1 flow:

Average throughput: 73.68 Mbit/s

95th percentile per-packet one-way delay: 18.199 ms

Loss rate: 0.01%

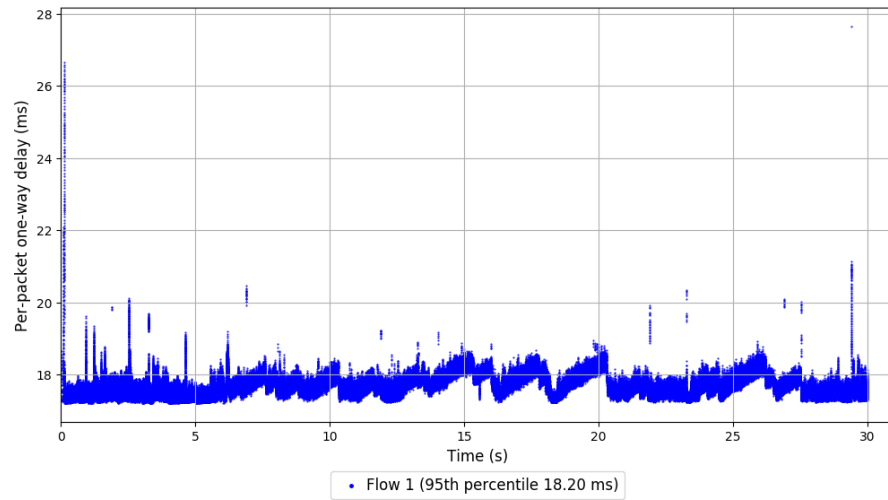
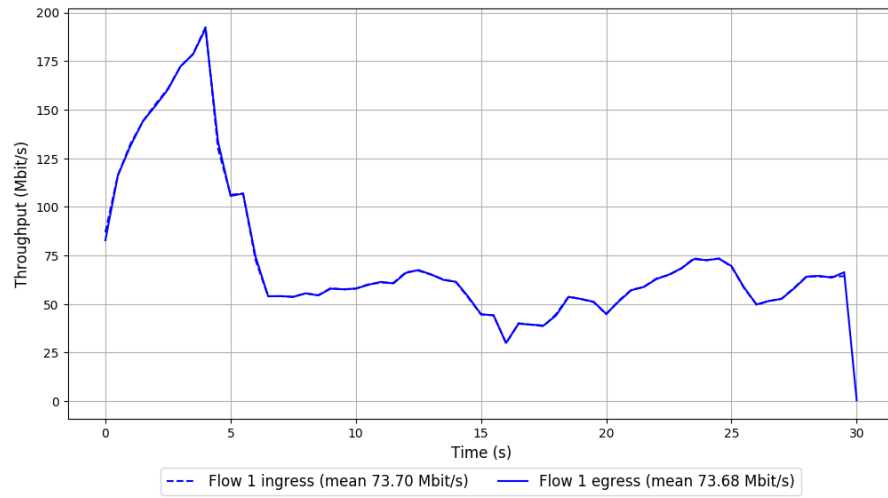
-- Flow 1:

Average throughput: 73.68 Mbit/s

95th percentile per-packet one-way delay: 18.199 ms

Loss rate: 0.01%

Run 10: Report of TCP Vegas — Data Link

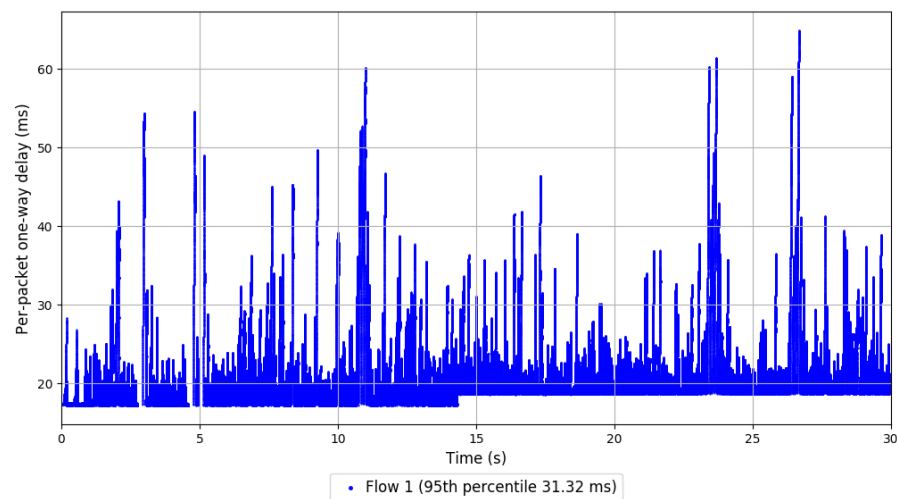
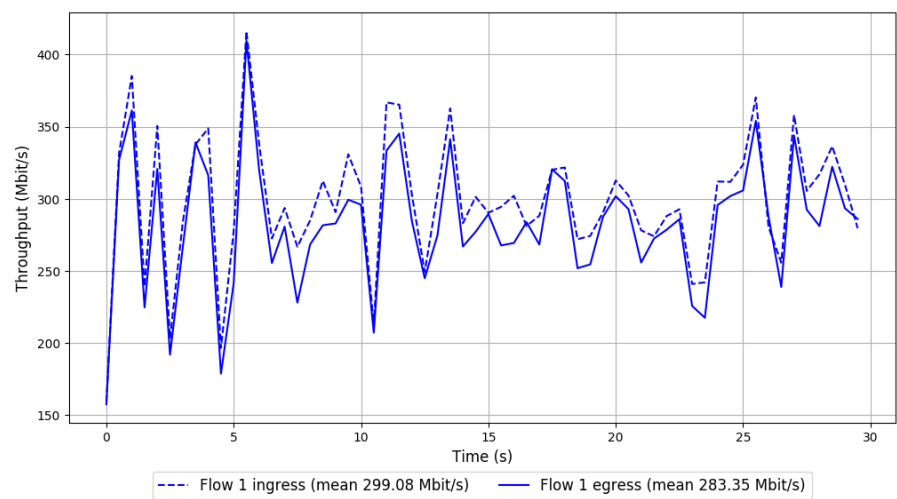


Run 1: Statistics of Verus

Start at: 2018-03-13 05:43:22
End at: 2018-03-13 05:43:52
Local clock offset: 2.161 ms
Remote clock offset: -5.102 ms

Below is generated by plot.py at 2018-03-13 13:08:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 283.35 Mbit/s
95th percentile per-packet one-way delay: 31.318 ms
Loss rate: 5.25%
-- Flow 1:
Average throughput: 283.35 Mbit/s
95th percentile per-packet one-way delay: 31.318 ms
Loss rate: 5.25%

Run 1: Report of Verus — Data Link

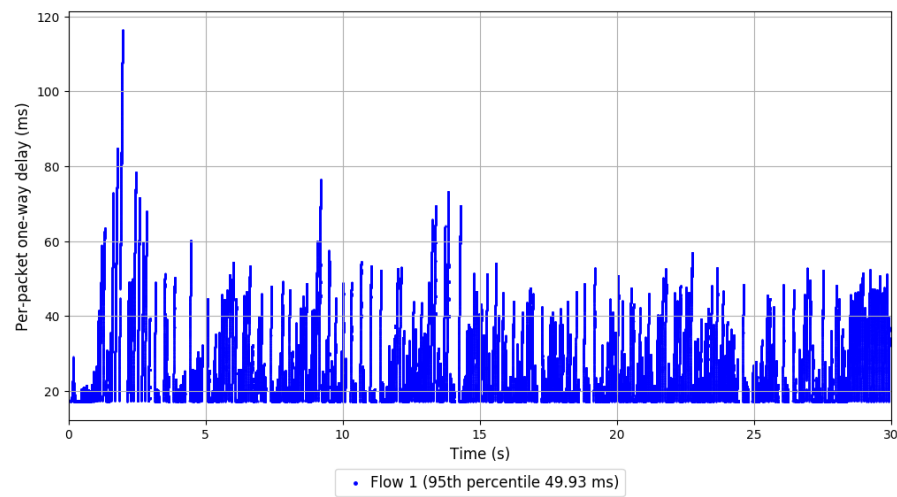
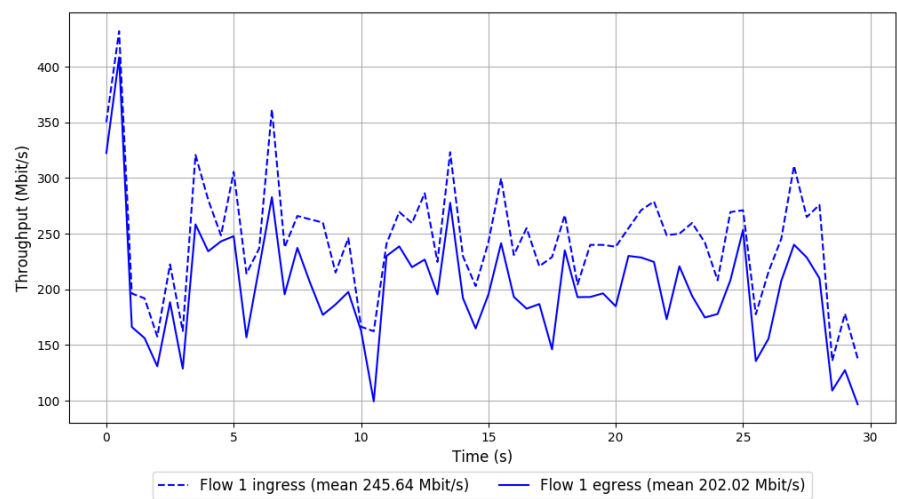


Run 2: Statistics of Verus

Start at: 2018-03-13 06:10:25
End at: 2018-03-13 06:10:55
Local clock offset: 2.064 ms
Remote clock offset: -5.107 ms

Below is generated by plot.py at 2018-03-13 13:08:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 202.02 Mbit/s
95th percentile per-packet one-way delay: 49.932 ms
Loss rate: 17.71%
-- Flow 1:
Average throughput: 202.02 Mbit/s
95th percentile per-packet one-way delay: 49.932 ms
Loss rate: 17.71%

Run 2: Report of Verus — Data Link

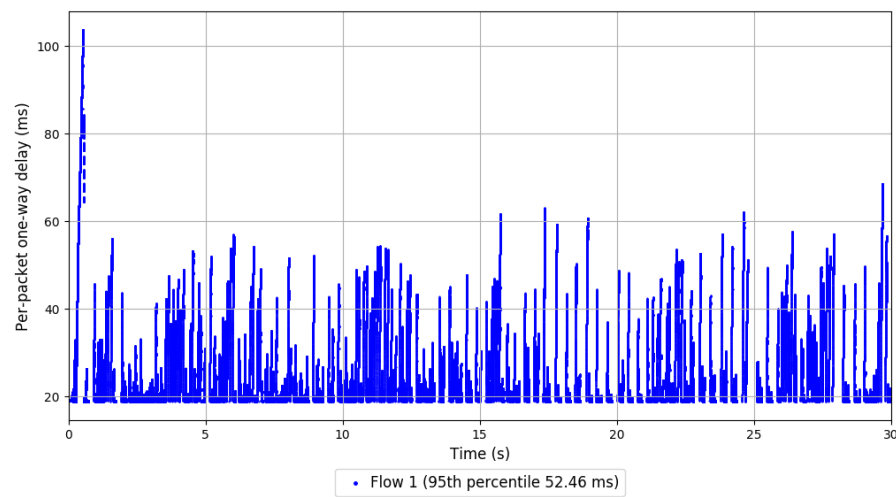
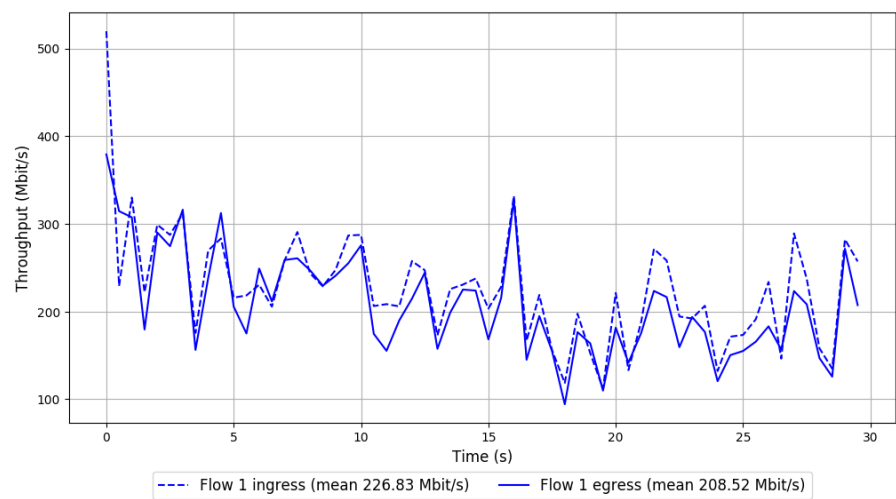


Run 3: Statistics of Verus

Start at: 2018-03-13 06:38:07
End at: 2018-03-13 06:38:37
Local clock offset: 0.919 ms
Remote clock offset: -6.057 ms

Below is generated by plot.py at 2018-03-13 13:08:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 208.52 Mbit/s
95th percentile per-packet one-way delay: 52.456 ms
Loss rate: 8.07%
-- Flow 1:
Average throughput: 208.52 Mbit/s
95th percentile per-packet one-way delay: 52.456 ms
Loss rate: 8.07%

Run 3: Report of Verus — Data Link

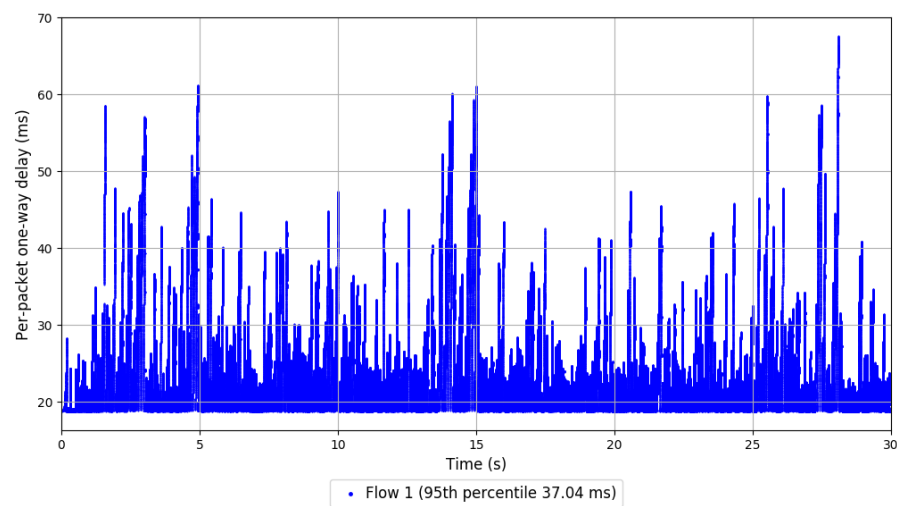
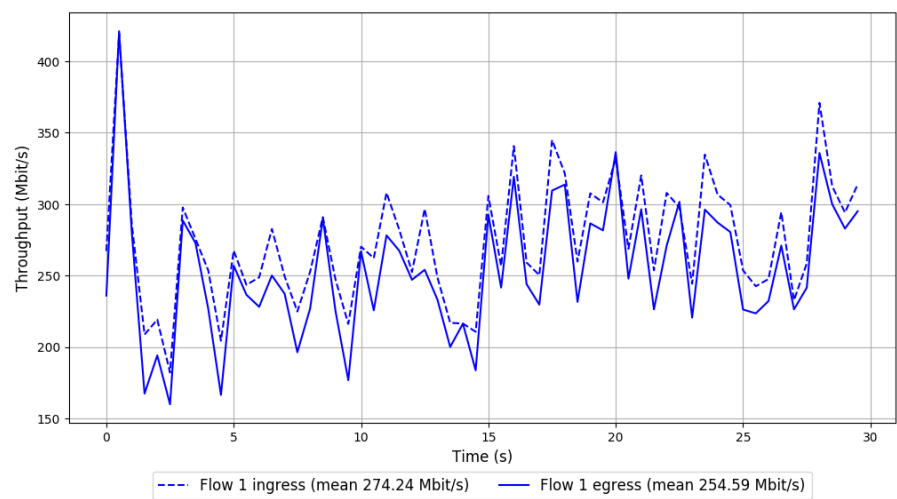


Run 4: Statistics of Verus

Start at: 2018-03-13 07:05:42
End at: 2018-03-13 07:06:12
Local clock offset: 0.986 ms
Remote clock offset: -4.977 ms

Below is generated by plot.py at 2018-03-13 13:09:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 254.59 Mbit/s
95th percentile per-packet one-way delay: 37.038 ms
Loss rate: 7.17%
-- Flow 1:
Average throughput: 254.59 Mbit/s
95th percentile per-packet one-way delay: 37.038 ms
Loss rate: 7.17%

Run 4: Report of Verus — Data Link

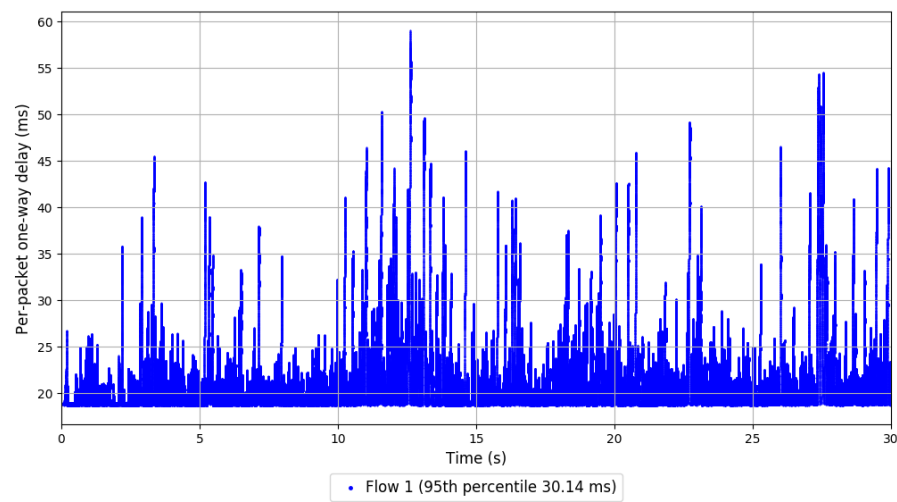
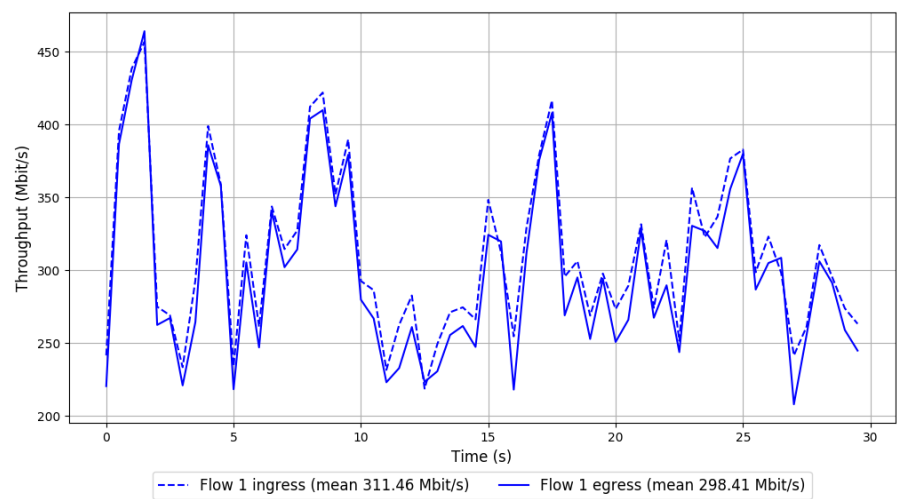


Run 5: Statistics of Verus

Start at: 2018-03-13 07:33:12
End at: 2018-03-13 07:33:42
Local clock offset: 1.243 ms
Remote clock offset: -5.545 ms

Below is generated by plot.py at 2018-03-13 13:10:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 298.41 Mbit/s
95th percentile per-packet one-way delay: 30.140 ms
Loss rate: 4.19%
-- Flow 1:
Average throughput: 298.41 Mbit/s
95th percentile per-packet one-way delay: 30.140 ms
Loss rate: 4.19%

Run 5: Report of Verus — Data Link

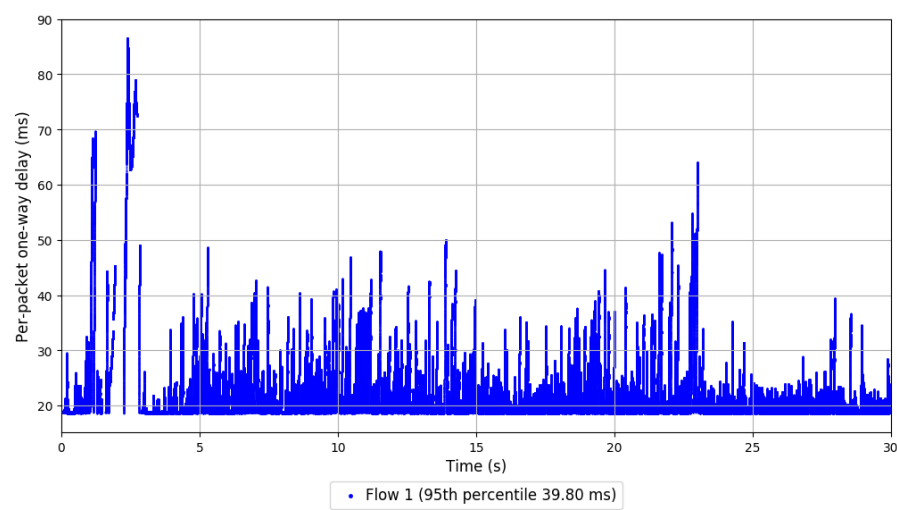
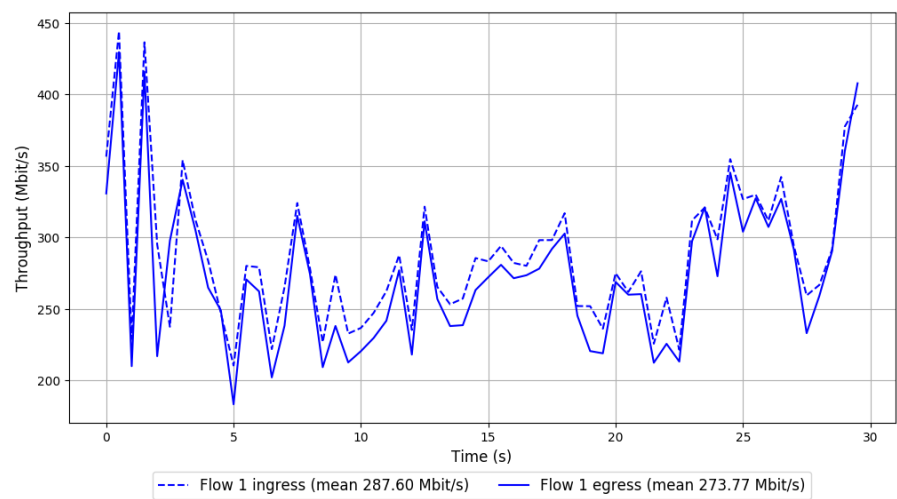


Run 6: Statistics of Verus

Start at: 2018-03-13 08:00:57
End at: 2018-03-13 08:01:27
Local clock offset: 0.821 ms
Remote clock offset: -6.088 ms

Below is generated by plot.py at 2018-03-13 13:10:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 273.77 Mbit/s
95th percentile per-packet one-way delay: 39.798 ms
Loss rate: 4.81%
-- Flow 1:
Average throughput: 273.77 Mbit/s
95th percentile per-packet one-way delay: 39.798 ms
Loss rate: 4.81%

Run 6: Report of Verus — Data Link

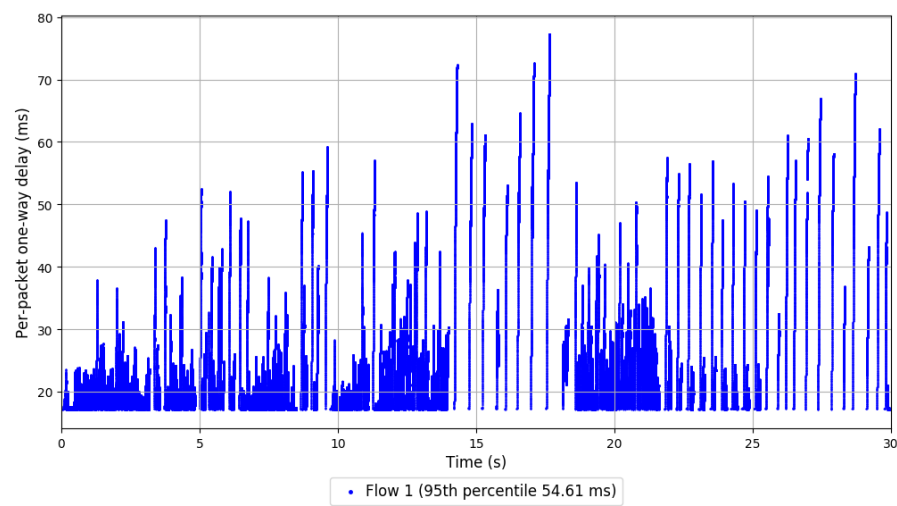
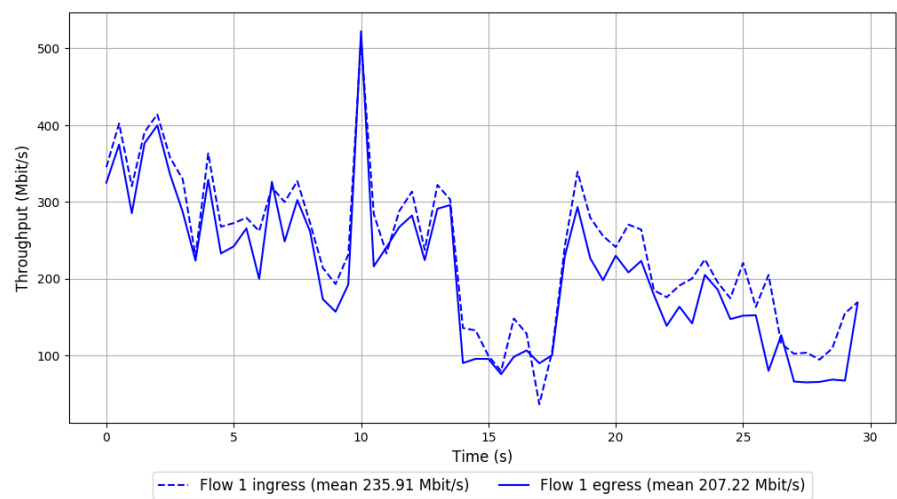


Run 7: Statistics of Verus

Start at: 2018-03-13 08:28:31
End at: 2018-03-13 08:29:01
Local clock offset: 0.695 ms
Remote clock offset: -4.881 ms

Below is generated by plot.py at 2018-03-13 13:10:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 207.22 Mbit/s
95th percentile per-packet one-way delay: 54.607 ms
Loss rate: 12.16%
-- Flow 1:
Average throughput: 207.22 Mbit/s
95th percentile per-packet one-way delay: 54.607 ms
Loss rate: 12.16%

Run 7: Report of Verus — Data Link

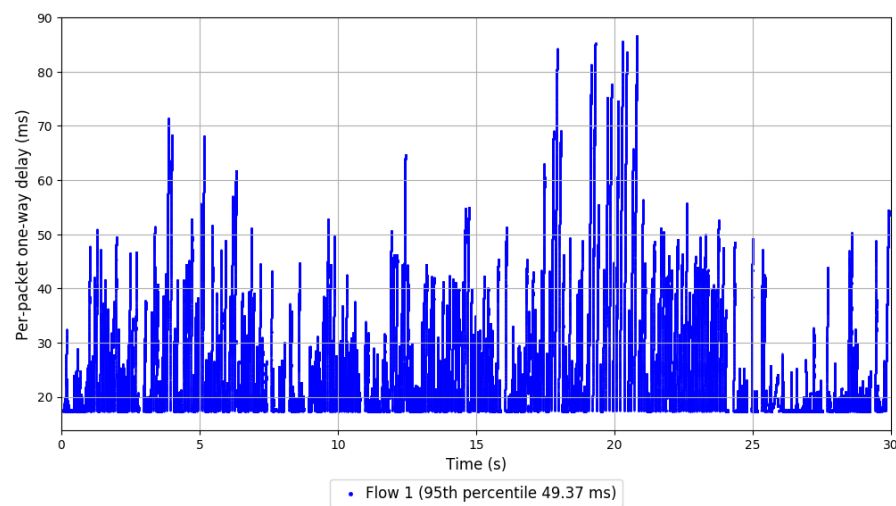
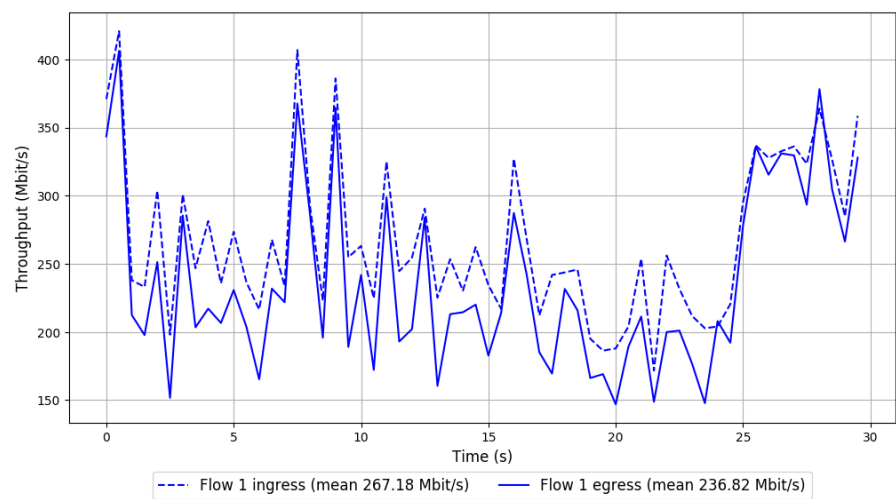


Run 8: Statistics of Verus

Start at: 2018-03-13 08:55:59
End at: 2018-03-13 08:56:29
Local clock offset: 0.89 ms
Remote clock offset: -5.977 ms

Below is generated by plot.py at 2018-03-13 13:10:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 236.82 Mbit/s
95th percentile per-packet one-way delay: 49.370 ms
Loss rate: 11.36%
-- Flow 1:
Average throughput: 236.82 Mbit/s
95th percentile per-packet one-way delay: 49.370 ms
Loss rate: 11.36%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-03-13 09:23:32

End at: 2018-03-13 09:24:02

Local clock offset: 0.94 ms

Remote clock offset: -5.35 ms

Below is generated by plot.py at 2018-03-13 13:12:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 284.37 Mbit/s

95th percentile per-packet one-way delay: 43.805 ms

Loss rate: 12.49%

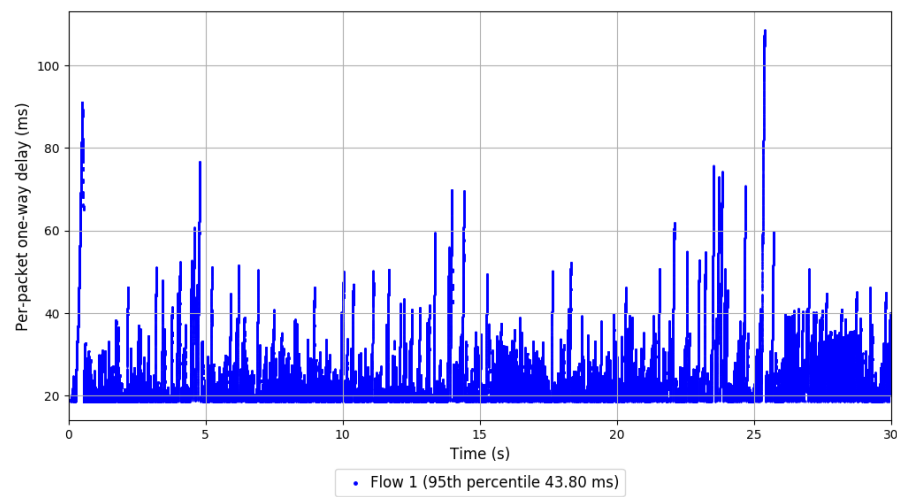
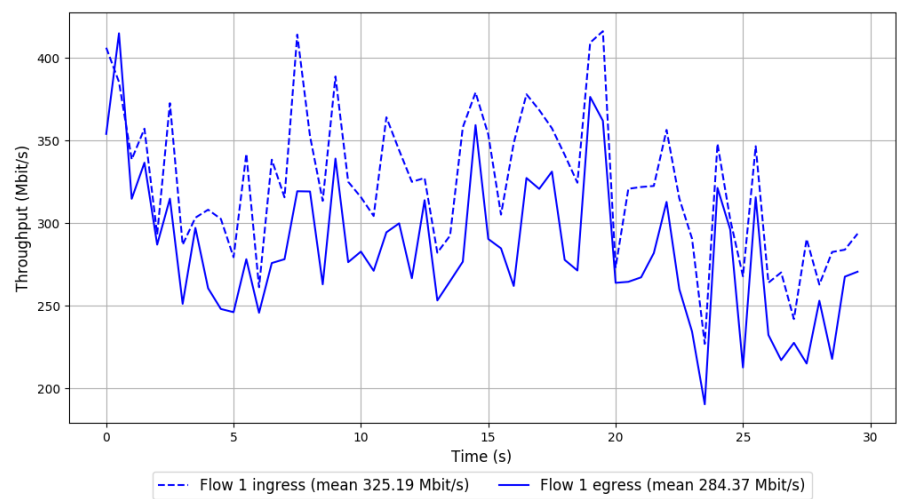
-- Flow 1:

Average throughput: 284.37 Mbit/s

95th percentile per-packet one-way delay: 43.805 ms

Loss rate: 12.49%

Run 9: Report of Verus — Data Link

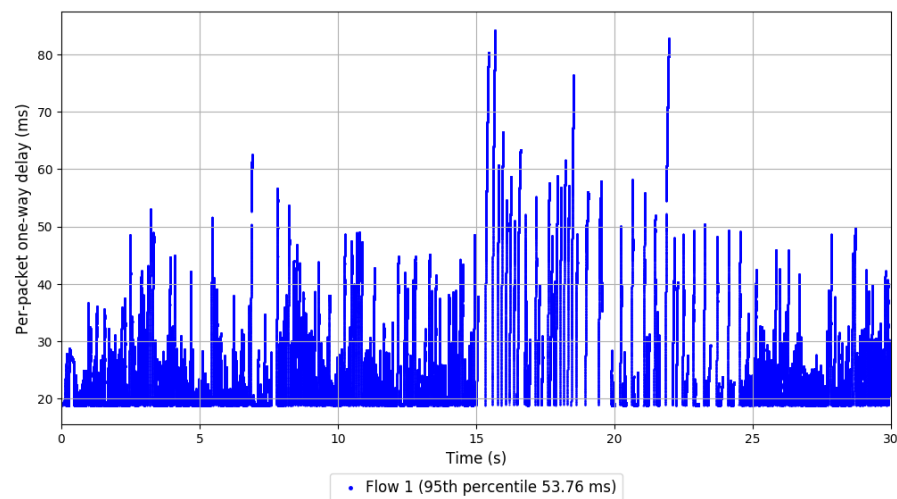
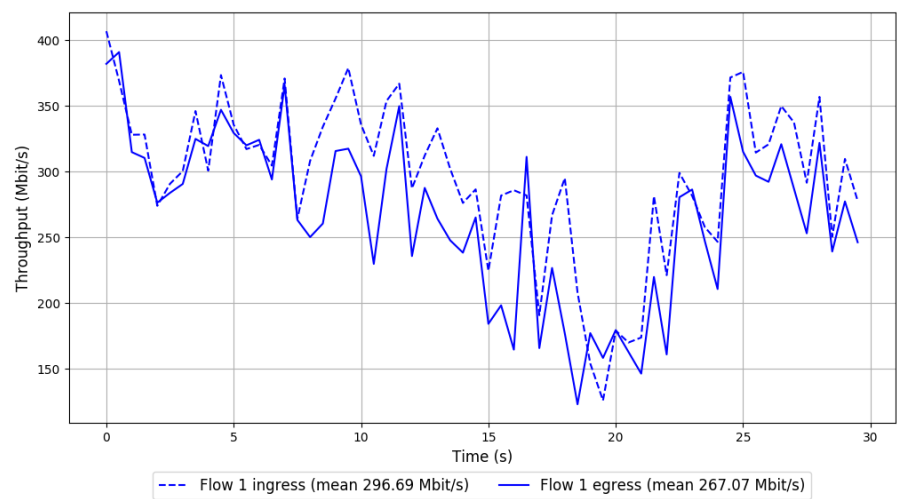


Run 10: Statistics of Verus

Start at: 2018-03-13 09:51:20
End at: 2018-03-13 09:51:50
Local clock offset: 1.128 ms
Remote clock offset: -6.121 ms

Below is generated by plot.py at 2018-03-13 13:12:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 267.07 Mbit/s
95th percentile per-packet one-way delay: 53.760 ms
Loss rate: 9.96%
-- Flow 1:
Average throughput: 267.07 Mbit/s
95th percentile per-packet one-way delay: 53.760 ms
Loss rate: 9.96%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-03-13 05:37:05

End at: 2018-03-13 05:37:35

Local clock offset: 2.073 ms

Remote clock offset: -5.04 ms

Below is generated by plot.py at 2018-03-13 13:12:18

Datalink statistics

-- Total of 1 flow:

Average throughput: 119.14 Mbit/s

95th percentile per-packet one-way delay: 18.889 ms

Loss rate: 0.05%

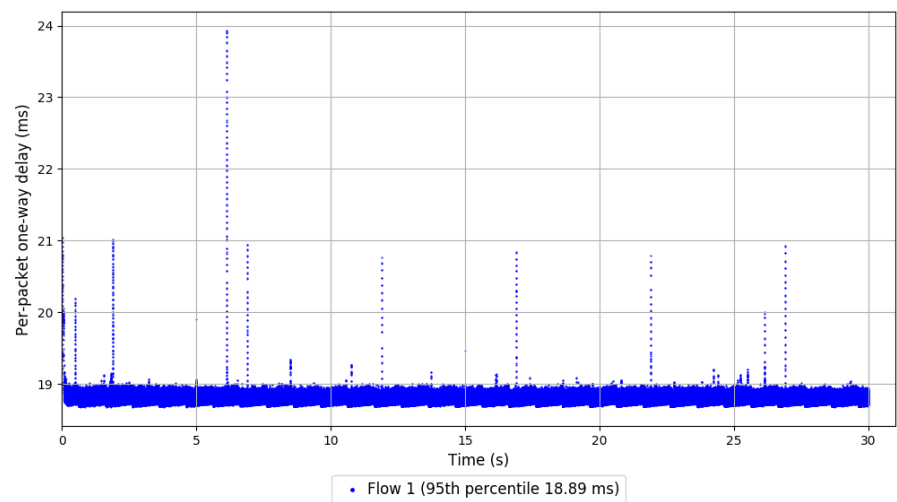
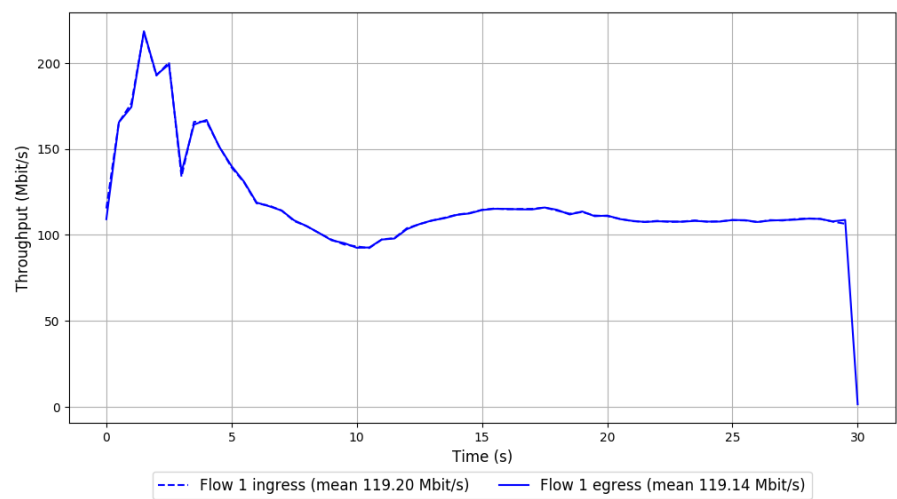
-- Flow 1:

Average throughput: 119.14 Mbit/s

95th percentile per-packet one-way delay: 18.889 ms

Loss rate: 0.05%

Run 1: Report of Copa — Data Link

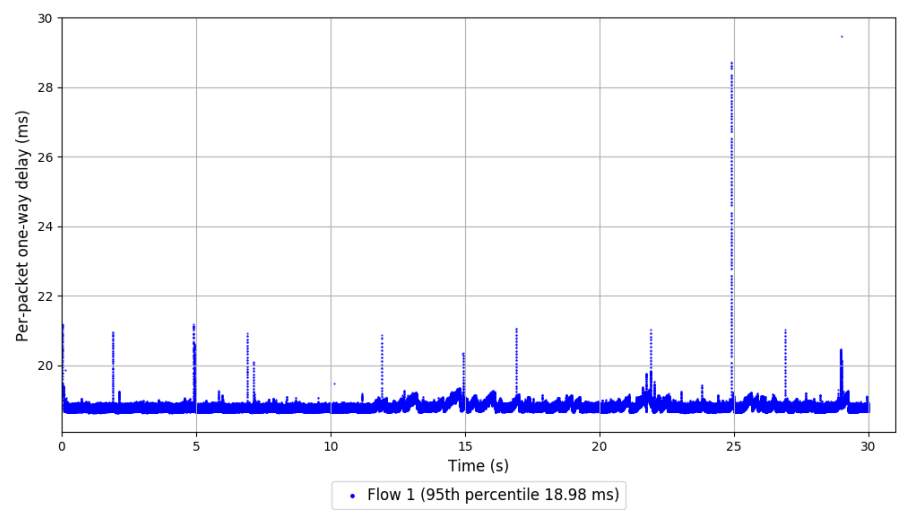
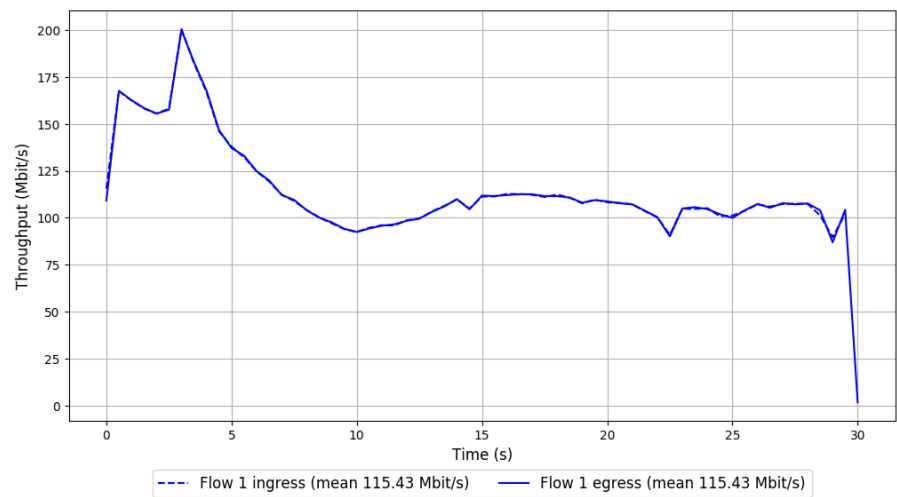


Run 2: Statistics of Copa

Start at: 2018-03-13 06:04:06
End at: 2018-03-13 06:04:36
Local clock offset: 2.311 ms
Remote clock offset: -5.205 ms

Below is generated by plot.py at 2018-03-13 13:12:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 115.43 Mbit/s
95th percentile per-packet one-way delay: 18.985 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 115.43 Mbit/s
95th percentile per-packet one-way delay: 18.985 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

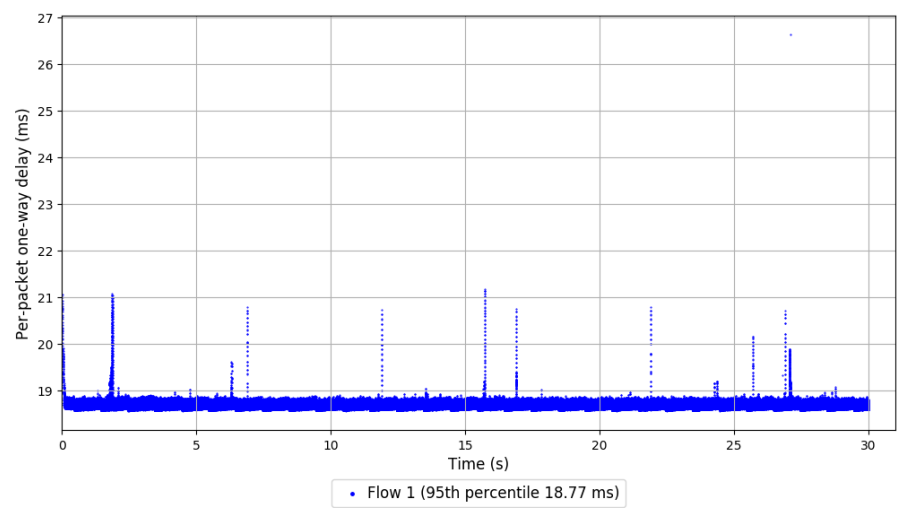
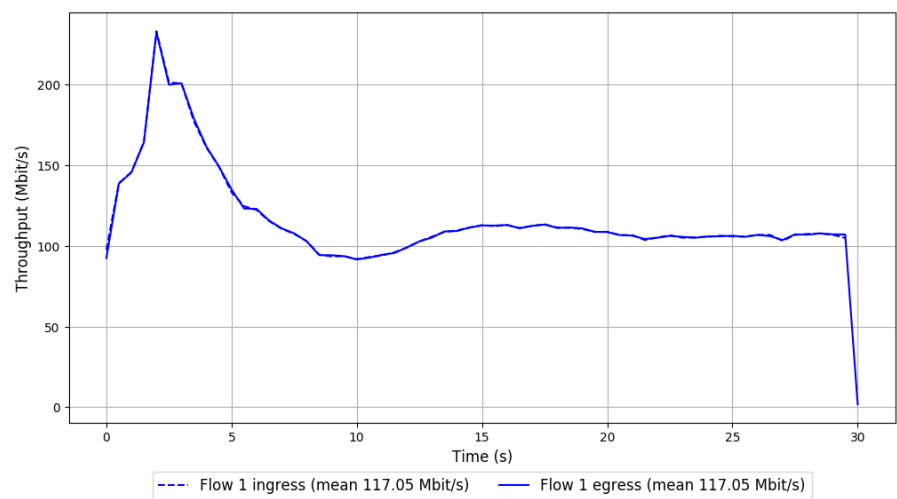


Run 3: Statistics of Copa

Start at: 2018-03-13 06:31:35
End at: 2018-03-13 06:32:05
Local clock offset: 1.108 ms
Remote clock offset: -5.993 ms

Below is generated by plot.py at 2018-03-13 13:12:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 117.05 Mbit/s
95th percentile per-packet one-way delay: 18.774 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 117.05 Mbit/s
95th percentile per-packet one-way delay: 18.774 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

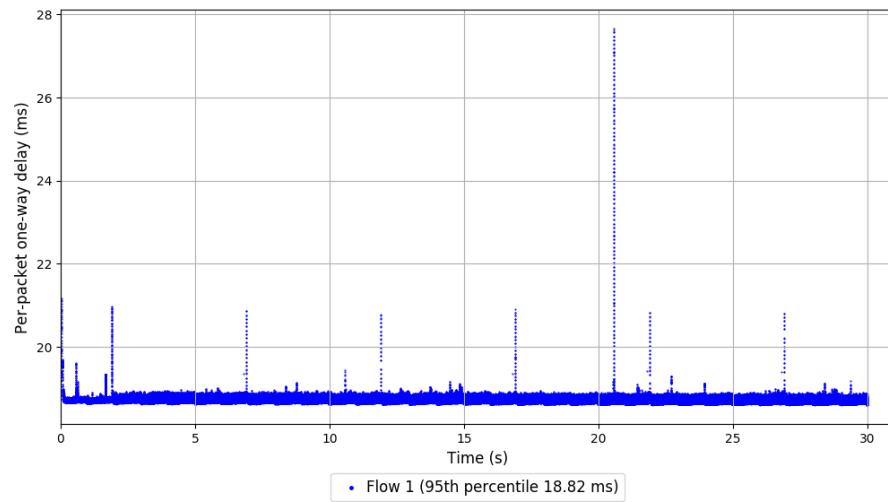
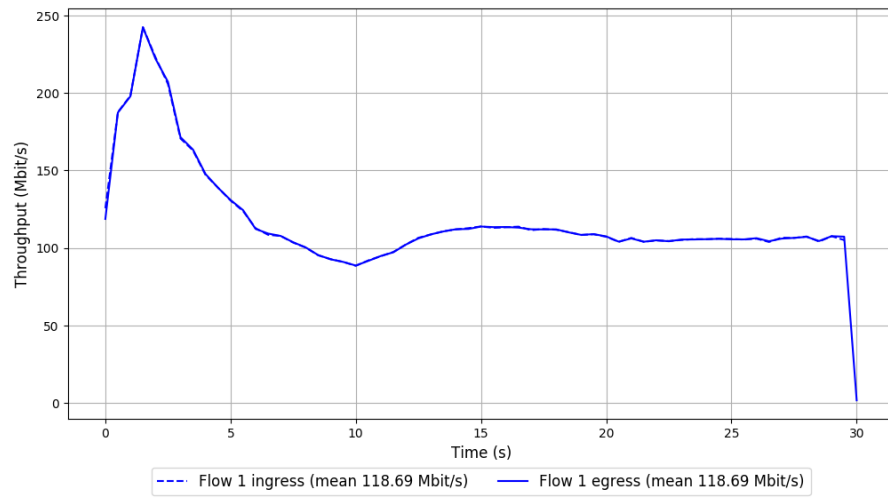


Run 4: Statistics of Copa

Start at: 2018-03-13 06:59:19
End at: 2018-03-13 06:59:49
Local clock offset: 1.106 ms
Remote clock offset: -5.262 ms

Below is generated by plot.py at 2018-03-13 13:13:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 118.69 Mbit/s
95th percentile per-packet one-way delay: 18.817 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 118.69 Mbit/s
95th percentile per-packet one-way delay: 18.817 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

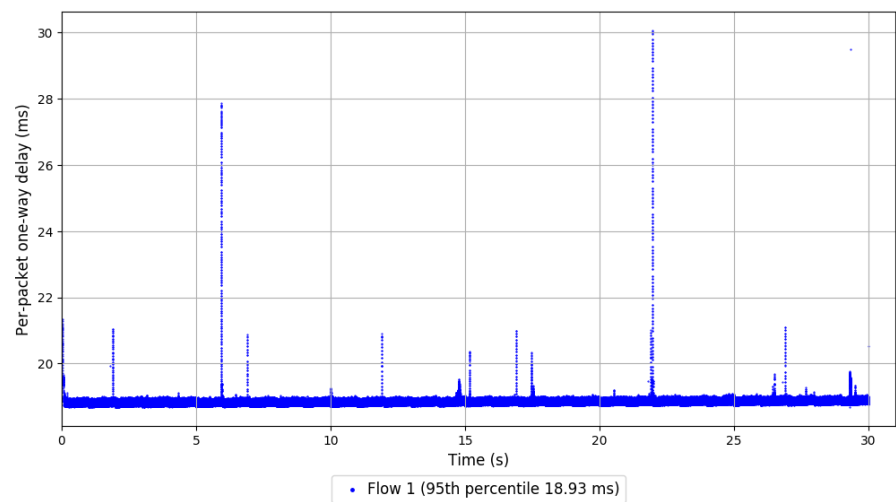
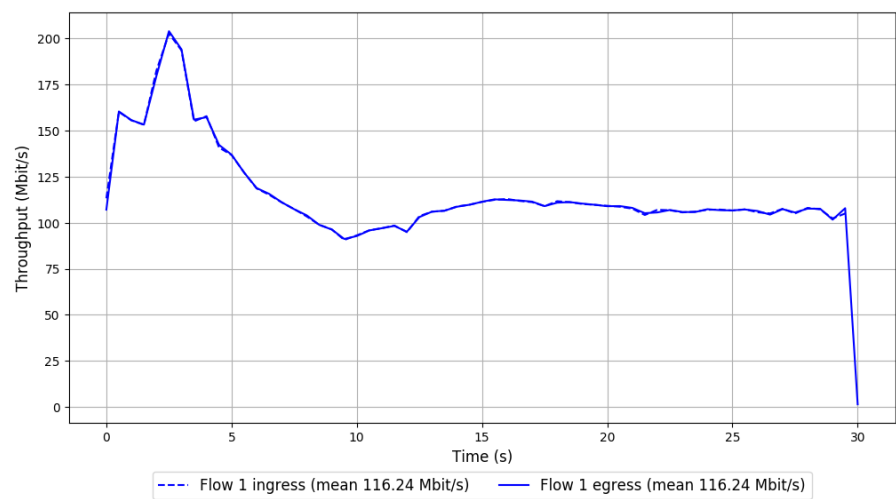


Run 5: Statistics of Copa

Start at: 2018-03-13 07:26:54
End at: 2018-03-13 07:27:24
Local clock offset: 1.215 ms
Remote clock offset: -4.878 ms

Below is generated by plot.py at 2018-03-13 13:13:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 116.24 Mbit/s
95th percentile per-packet one-way delay: 18.925 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 116.24 Mbit/s
95th percentile per-packet one-way delay: 18.925 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

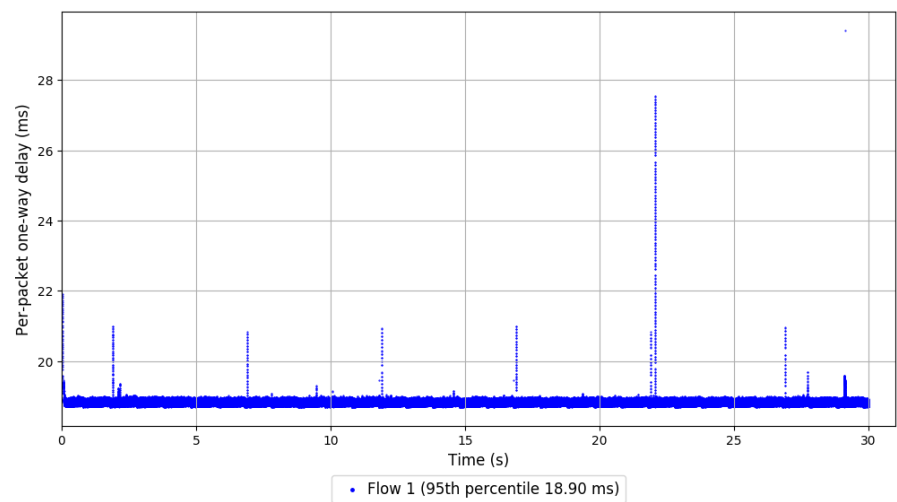
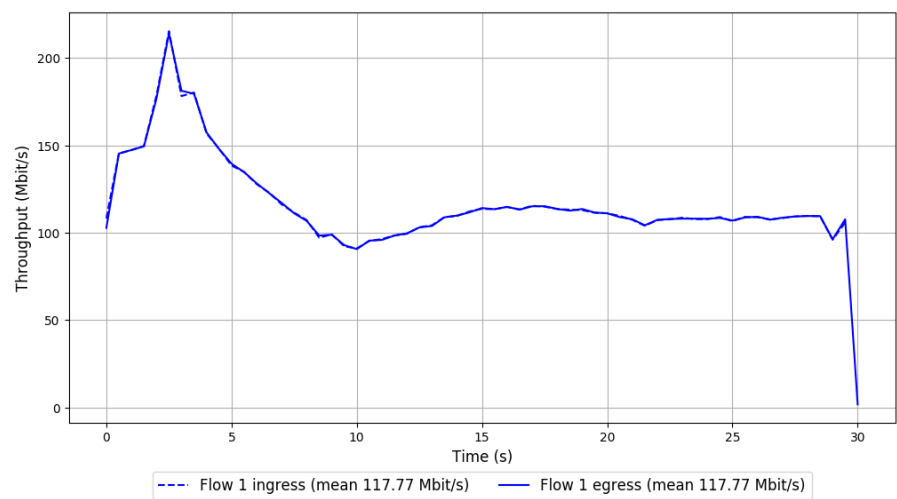


Run 6: Statistics of Copa

Start at: 2018-03-13 07:54:37
End at: 2018-03-13 07:55:07
Local clock offset: 0.956 ms
Remote clock offset: -6.189 ms

Below is generated by plot.py at 2018-03-13 13:13:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 117.77 Mbit/s
95th percentile per-packet one-way delay: 18.901 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 117.77 Mbit/s
95th percentile per-packet one-way delay: 18.901 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

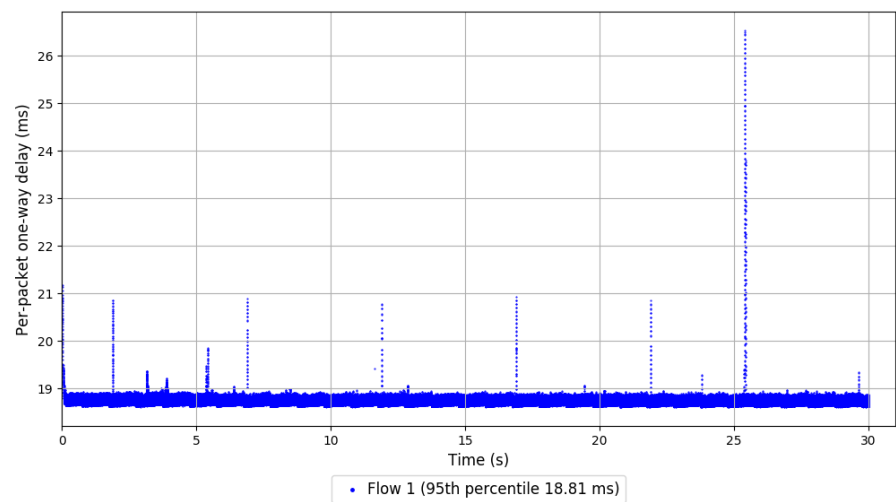
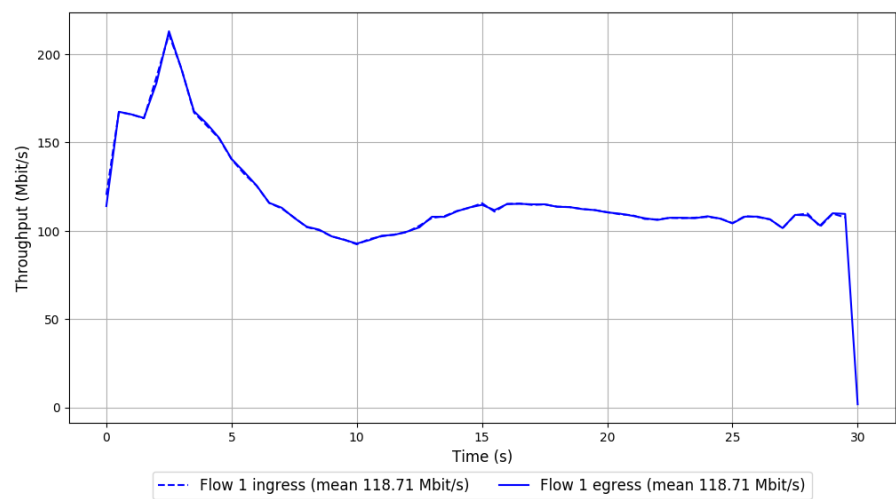


Run 7: Statistics of Copa

Start at: 2018-03-13 08:22:03
End at: 2018-03-13 08:22:33
Local clock offset: 0.503 ms
Remote clock offset: -4.943 ms

Below is generated by plot.py at 2018-03-13 13:14:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 118.71 Mbit/s
95th percentile per-packet one-way delay: 18.814 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 118.71 Mbit/s
95th percentile per-packet one-way delay: 18.814 ms
Loss rate: 0.00%

Run 7: Report of Copa — Data Link

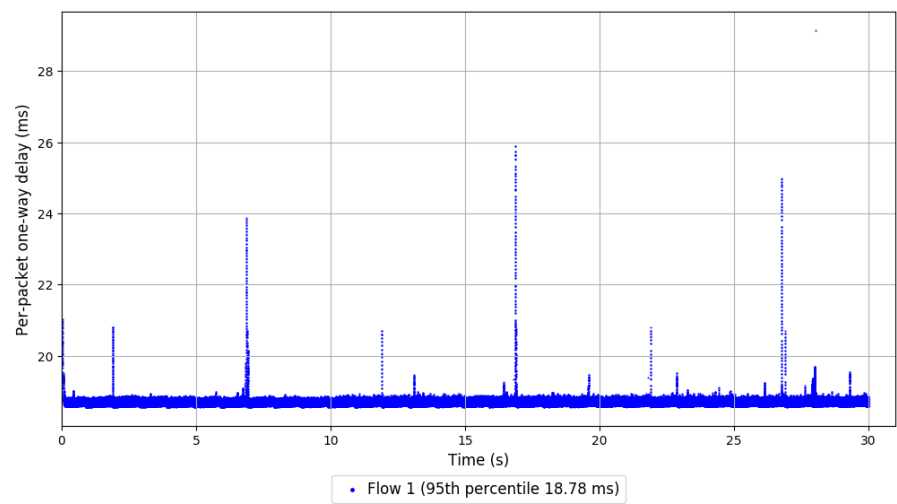
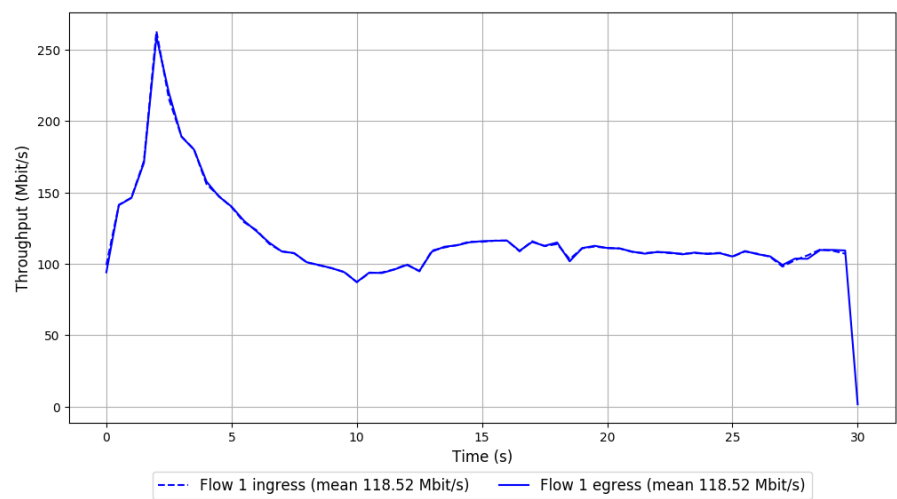


Run 8: Statistics of Copa

Start at: 2018-03-13 08:49:41
End at: 2018-03-13 08:50:11
Local clock offset: 0.949 ms
Remote clock offset: -5.939 ms

Below is generated by plot.py at 2018-03-13 13:15:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 118.52 Mbit/s
95th percentile per-packet one-way delay: 18.780 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 118.52 Mbit/s
95th percentile per-packet one-way delay: 18.780 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

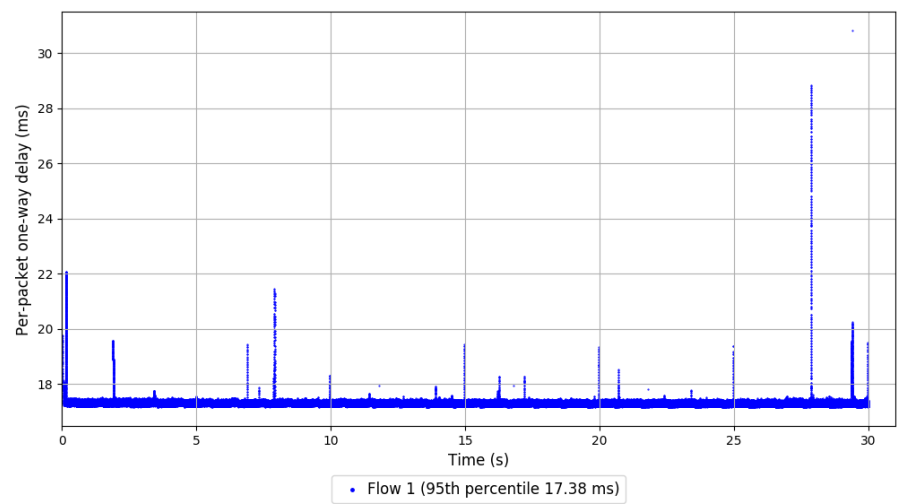
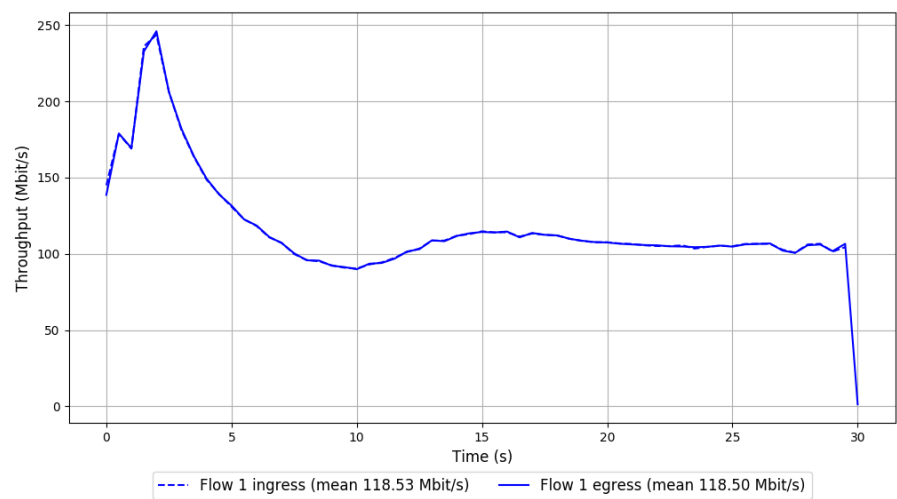


Run 9: Statistics of Copa

Start at: 2018-03-13 09:17:10
End at: 2018-03-13 09:17:40
Local clock offset: 0.918 ms
Remote clock offset: -5.519 ms

Below is generated by plot.py at 2018-03-13 13:15:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 118.50 Mbit/s
95th percentile per-packet one-way delay: 17.377 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 118.50 Mbit/s
95th percentile per-packet one-way delay: 17.377 ms
Loss rate: 0.02%

Run 9: Report of Copa — Data Link

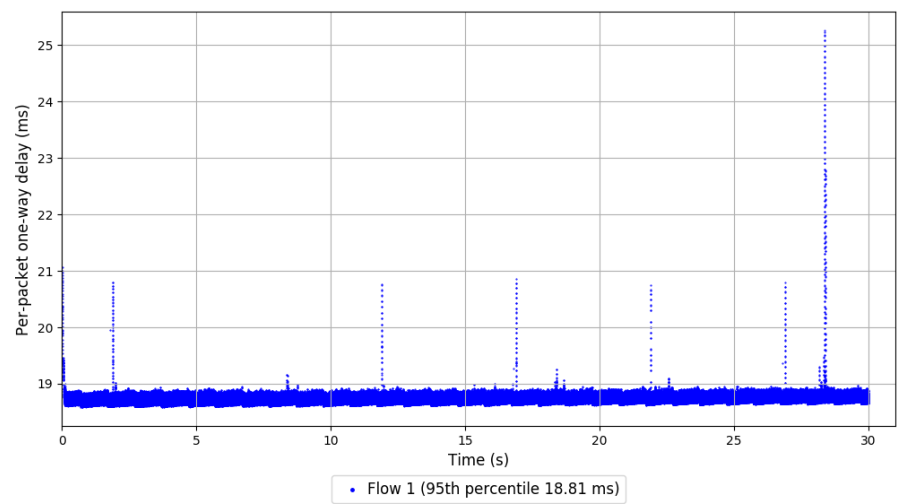
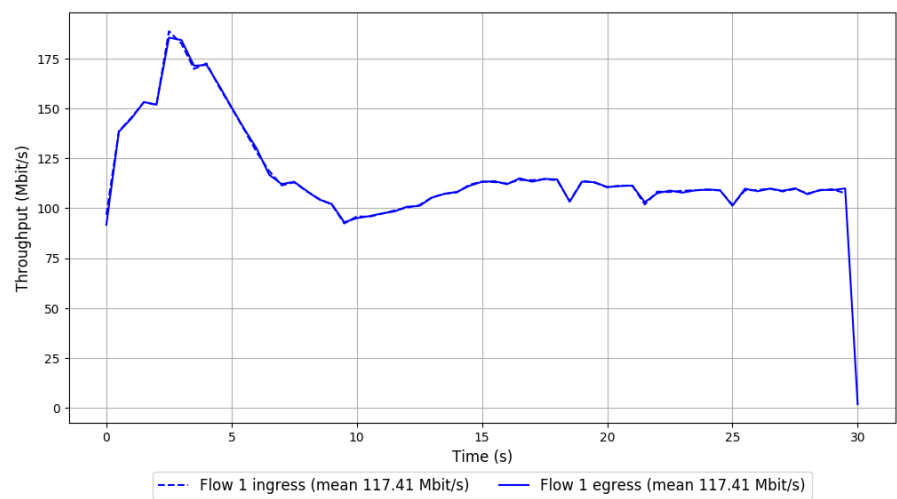


Run 10: Statistics of Copa

Start at: 2018-03-13 09:44:59
End at: 2018-03-13 09:45:29
Local clock offset: 1.201 ms
Remote clock offset: -5.611 ms

Below is generated by plot.py at 2018-03-13 13:15:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 117.41 Mbit/s
95th percentile per-packet one-way delay: 18.812 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 117.41 Mbit/s
95th percentile per-packet one-way delay: 18.812 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

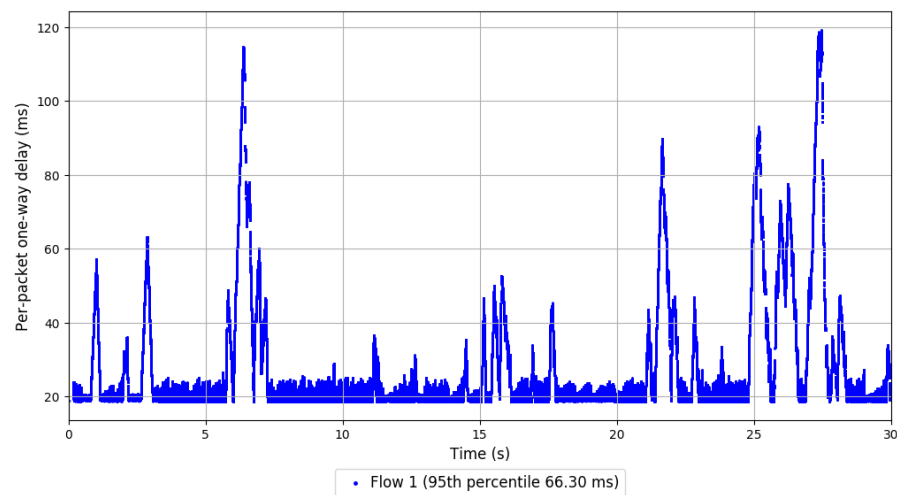
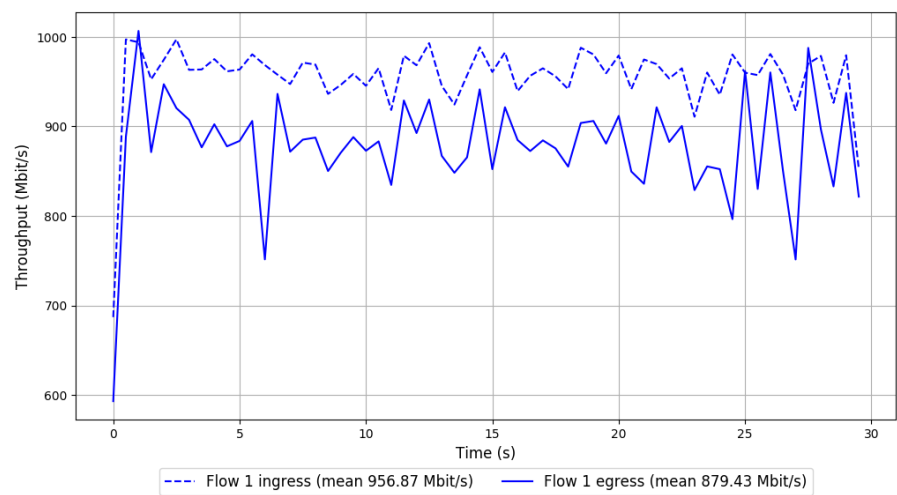


```
Run 1: Statistics of FillP

Start at: 2018-03-13 05:41:35
End at: 2018-03-13 05:42:06
Local clock offset: 2.108 ms
Remote clock offset: -5.09 ms

# Below is generated by plot.py at 2018-03-13 13:27:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 879.43 Mbit/s
95th percentile per-packet one-way delay: 66.299 ms
Loss rate: 8.10%
-- Flow 1:
Average throughput: 879.43 Mbit/s
95th percentile per-packet one-way delay: 66.299 ms
Loss rate: 8.10%
```

Run 1: Report of FillP — Data Link

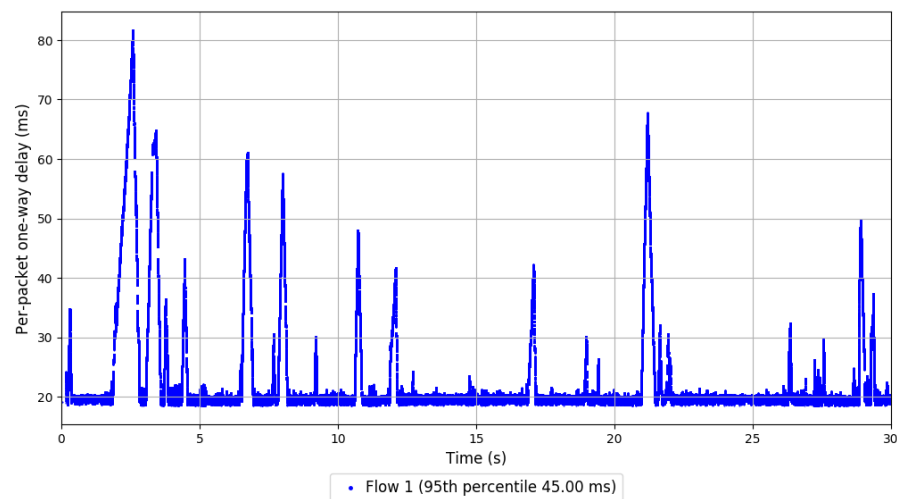
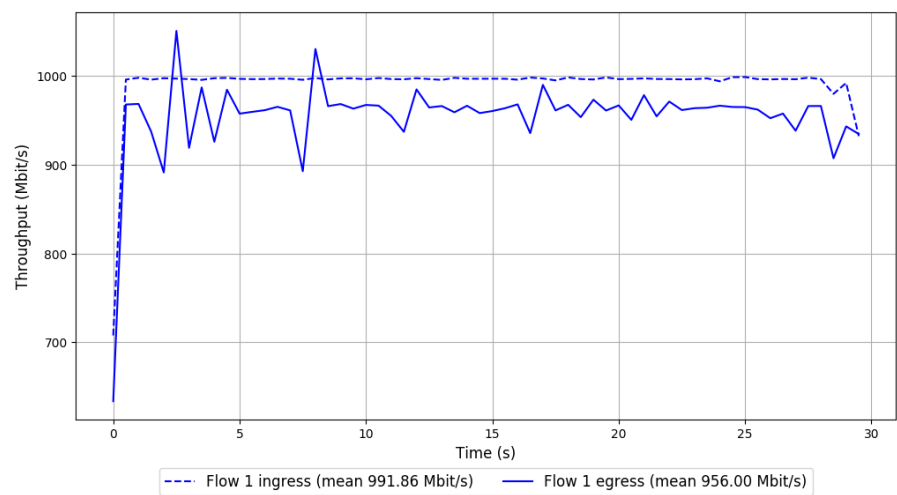


Run 2: Statistics of FillP

Start at: 2018-03-13 06:08:39
End at: 2018-03-13 06:09:09
Local clock offset: 2.309 ms
Remote clock offset: -5.124 ms

Below is generated by plot.py at 2018-03-13 13:28:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 956.00 Mbit/s
95th percentile per-packet one-way delay: 45.000 ms
Loss rate: 3.61%
-- Flow 1:
Average throughput: 956.00 Mbit/s
95th percentile per-packet one-way delay: 45.000 ms
Loss rate: 3.61%

Run 2: Report of FillP — Data Link

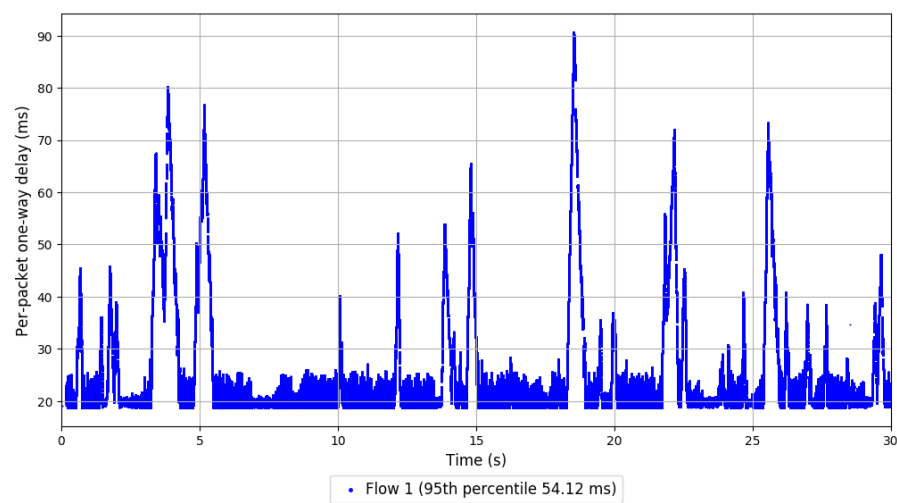
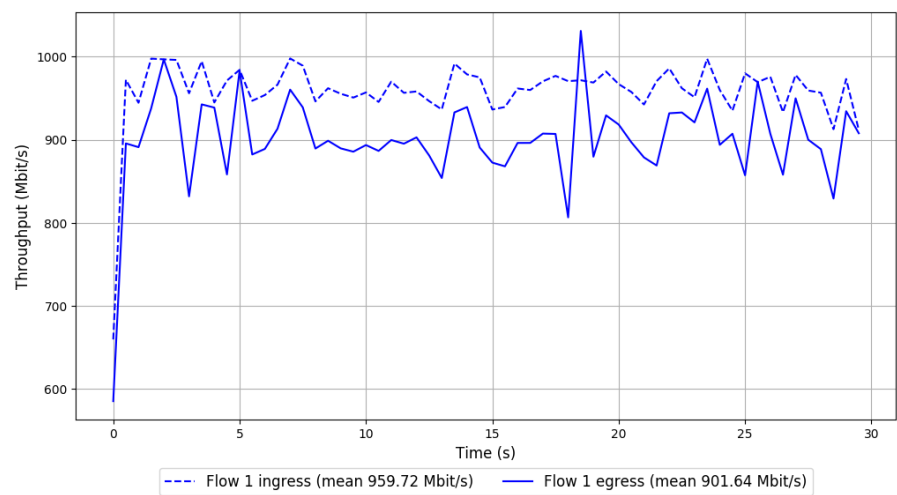


Run 3: Statistics of FillP

Start at: 2018-03-13 06:36:17
End at: 2018-03-13 06:36:47
Local clock offset: 0.941 ms
Remote clock offset: -6.024 ms

Below is generated by plot.py at 2018-03-13 13:28:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 901.64 Mbit/s
95th percentile per-packet one-way delay: 54.117 ms
Loss rate: 6.05%
-- Flow 1:
Average throughput: 901.64 Mbit/s
95th percentile per-packet one-way delay: 54.117 ms
Loss rate: 6.05%

Run 3: Report of FillP — Data Link

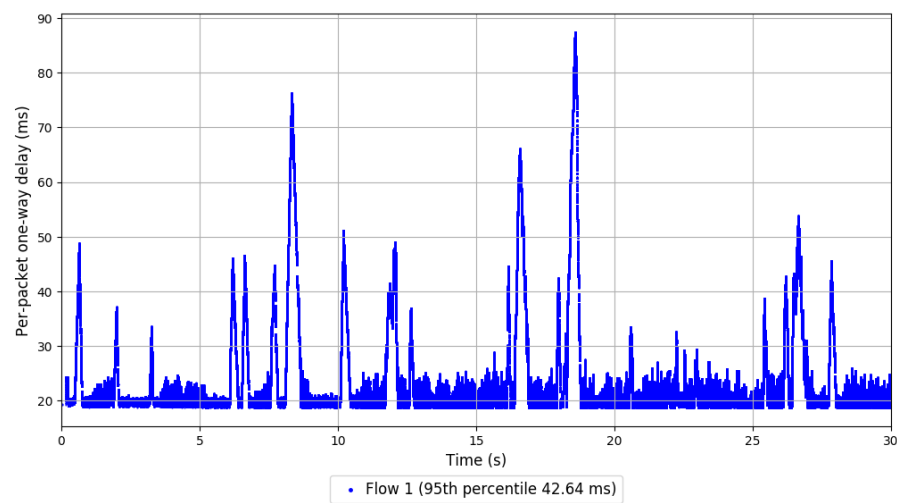
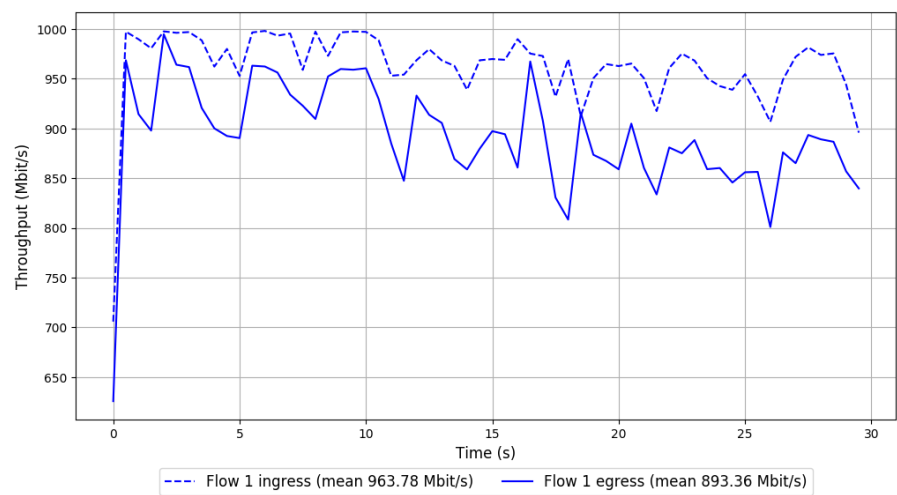


Run 4: Statistics of FillP

Start at: 2018-03-13 07:03:54
End at: 2018-03-13 07:04:24
Local clock offset: 0.994 ms
Remote clock offset: -5.046 ms

Below is generated by plot.py at 2018-03-13 13:28:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 893.36 Mbit/s
95th percentile per-packet one-way delay: 42.642 ms
Loss rate: 7.31%
-- Flow 1:
Average throughput: 893.36 Mbit/s
95th percentile per-packet one-way delay: 42.642 ms
Loss rate: 7.31%

Run 4: Report of FillP — Data Link

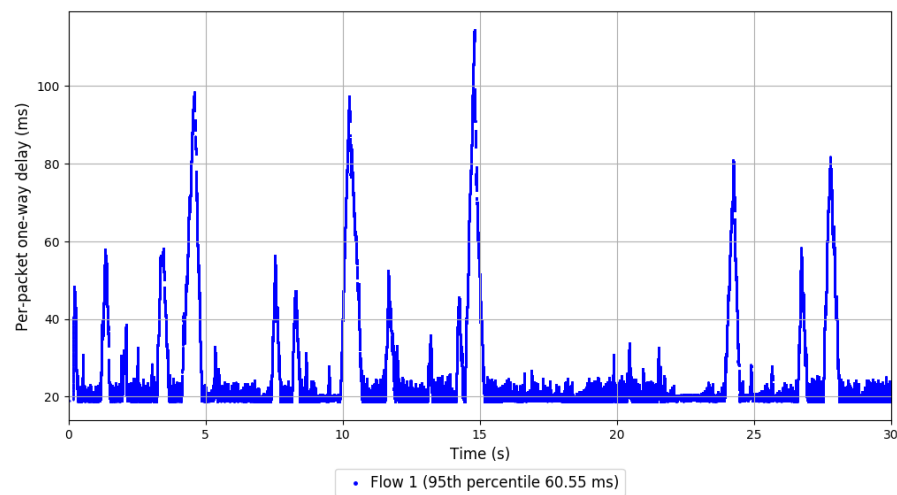
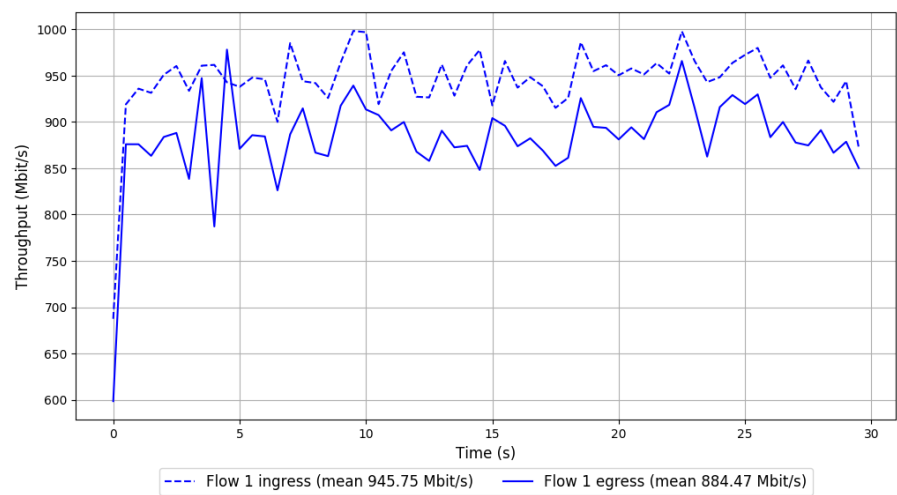


Run 5: Statistics of FillP

Start at: 2018-03-13 07:31:25
End at: 2018-03-13 07:31:55
Local clock offset: 1.248 ms
Remote clock offset: -5.373 ms

Below is generated by plot.py at 2018-03-13 13:28:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 884.47 Mbit/s
95th percentile per-packet one-way delay: 60.548 ms
Loss rate: 6.48%
-- Flow 1:
Average throughput: 884.47 Mbit/s
95th percentile per-packet one-way delay: 60.548 ms
Loss rate: 6.48%

Run 5: Report of FillP — Data Link

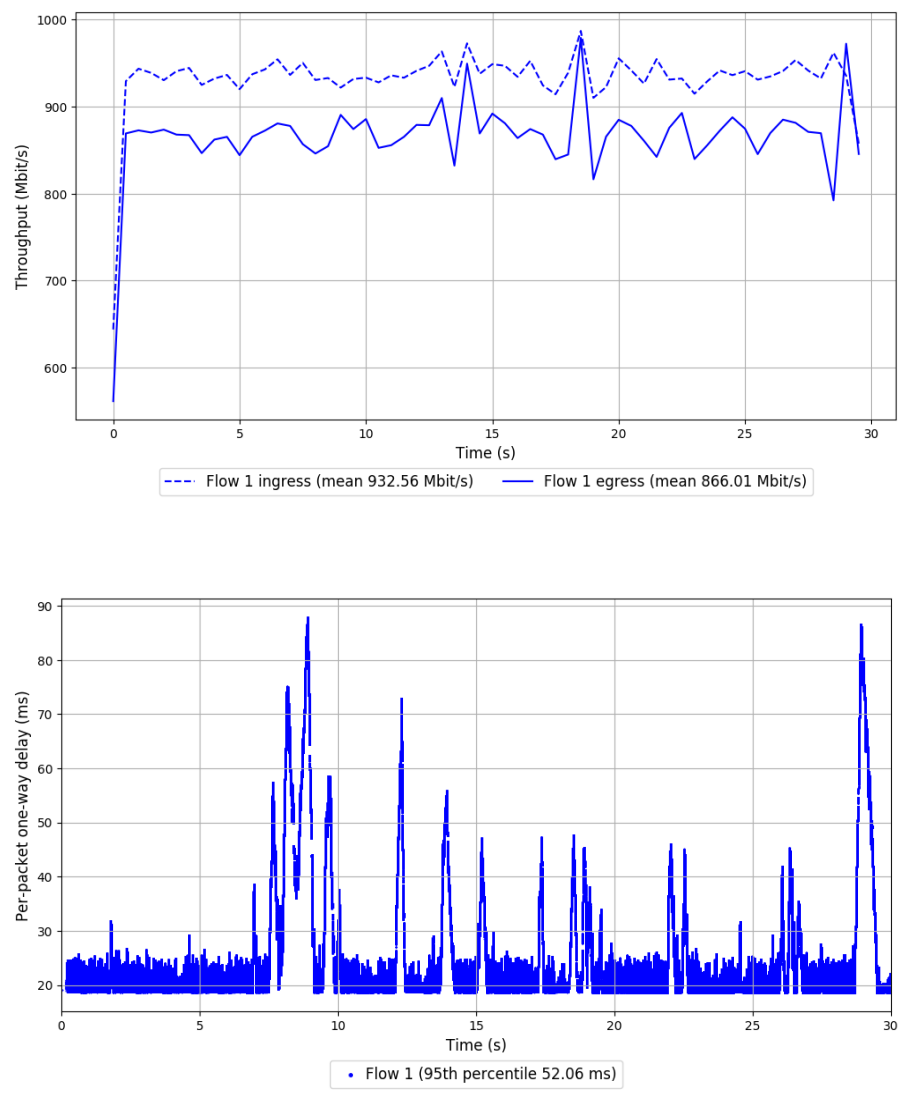


Run 6: Statistics of FillP

Start at: 2018-03-13 07:59:10
End at: 2018-03-13 07:59:40
Local clock offset: 0.799 ms
Remote clock offset: -6.308 ms

Below is generated by plot.py at 2018-03-13 13:28:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 866.01 Mbit/s
95th percentile per-packet one-way delay: 52.062 ms
Loss rate: 7.13%
-- Flow 1:
Average throughput: 866.01 Mbit/s
95th percentile per-packet one-way delay: 52.062 ms
Loss rate: 7.13%

Run 6: Report of FillP — Data Link

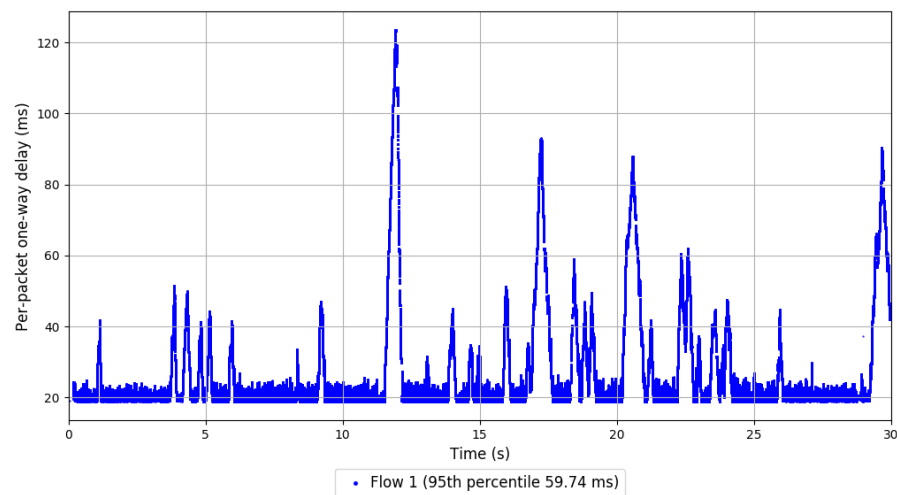
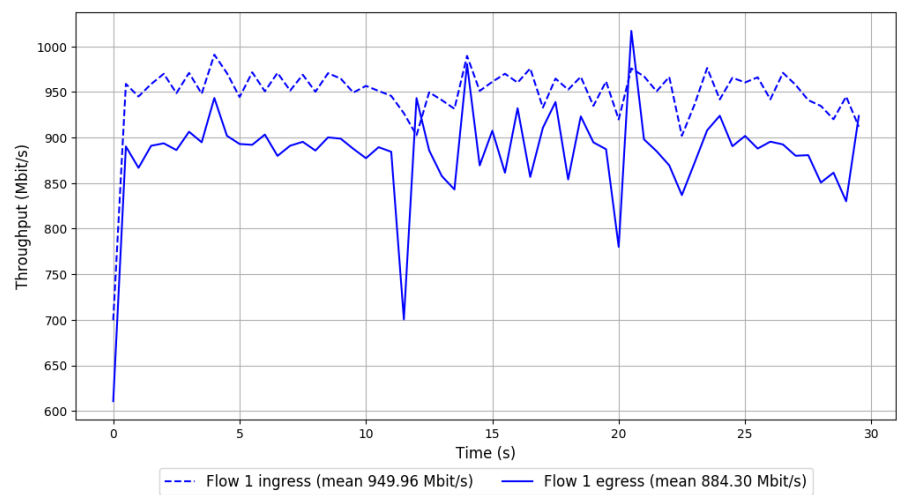


Run 7: Statistics of FillP

Start at: 2018-03-13 08:26:43
End at: 2018-03-13 08:27:13
Local clock offset: 0.582 ms
Remote clock offset: -4.839 ms

Below is generated by plot.py at 2018-03-13 13:29:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 884.30 Mbit/s
95th percentile per-packet one-way delay: 59.741 ms
Loss rate: 6.92%
-- Flow 1:
Average throughput: 884.30 Mbit/s
95th percentile per-packet one-way delay: 59.741 ms
Loss rate: 6.92%

Run 7: Report of FillP — Data Link

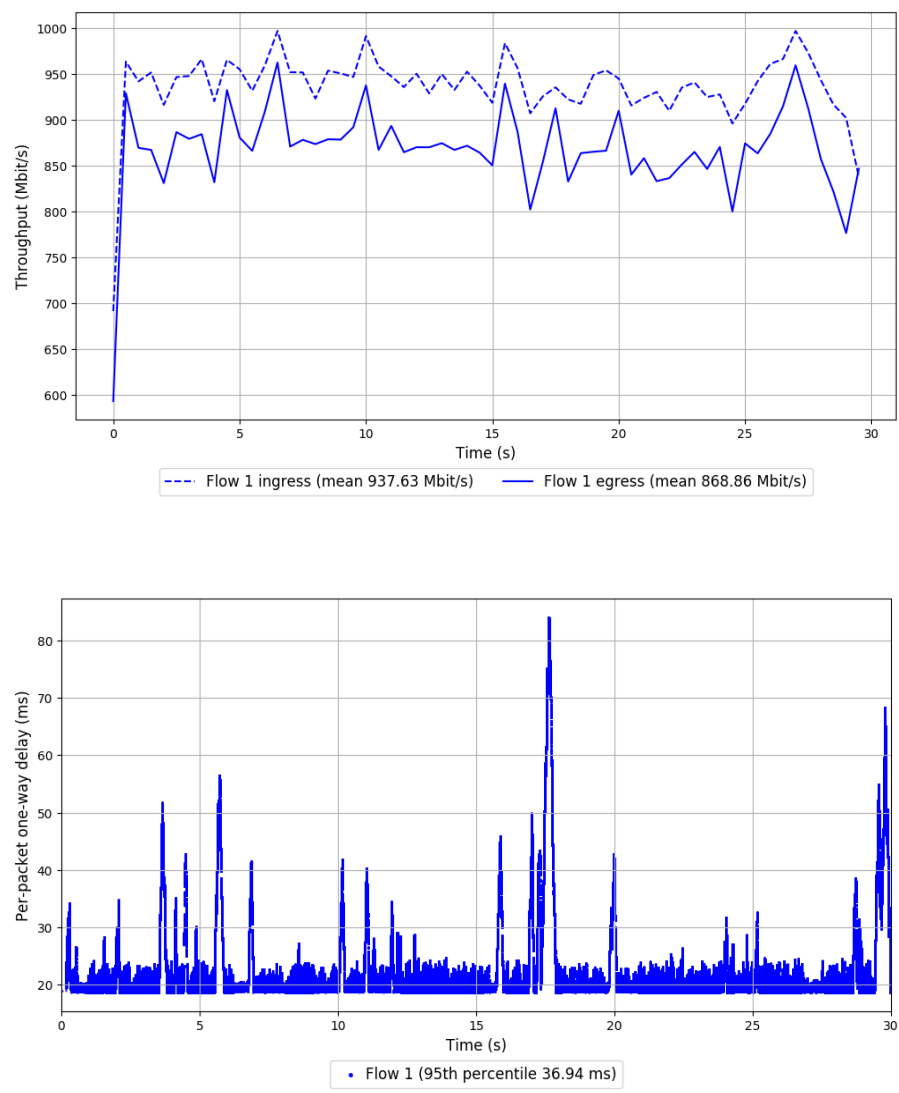


Run 8: Statistics of FillP

Start at: 2018-03-13 08:54:13
End at: 2018-03-13 08:54:43
Local clock offset: 0.925 ms
Remote clock offset: -5.981 ms

Below is generated by plot.py at 2018-03-13 13:29:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 868.86 Mbit/s
95th percentile per-packet one-way delay: 36.937 ms
Loss rate: 7.33%
-- Flow 1:
Average throughput: 868.86 Mbit/s
95th percentile per-packet one-way delay: 36.937 ms
Loss rate: 7.33%

Run 8: Report of FillP — Data Link

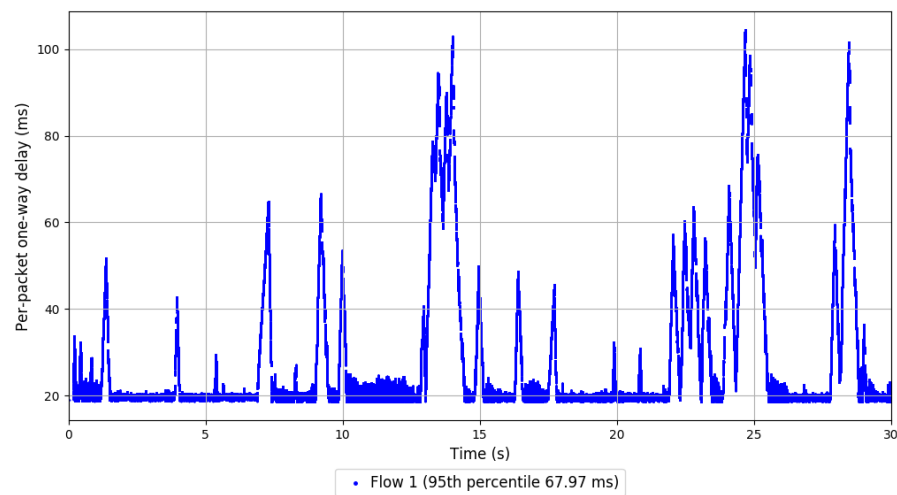
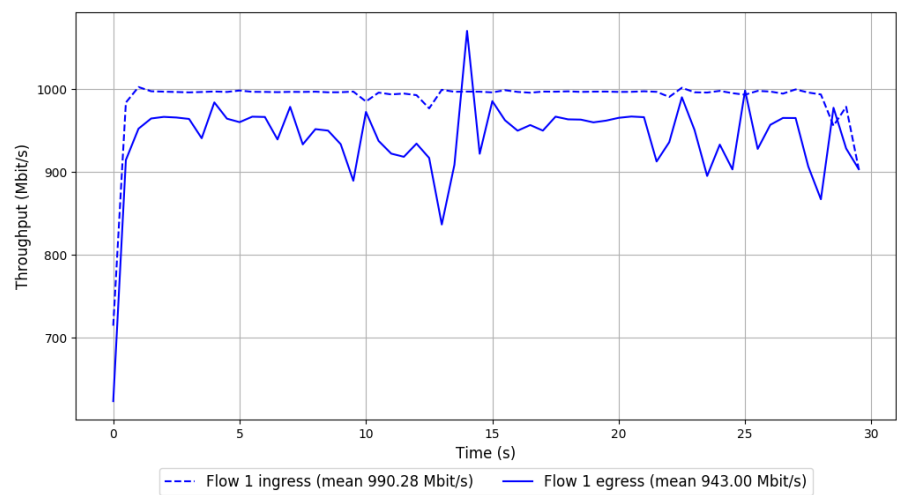


Run 9: Statistics of FillP

Start at: 2018-03-13 09:21:44
End at: 2018-03-13 09:22:14
Local clock offset: 0.888 ms
Remote clock offset: -5.392 ms

Below is generated by plot.py at 2018-03-13 13:41:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 943.00 Mbit/s
95th percentile per-packet one-way delay: 67.965 ms
Loss rate: 4.78%
-- Flow 1:
Average throughput: 943.00 Mbit/s
95th percentile per-packet one-way delay: 67.965 ms
Loss rate: 4.78%

Run 9: Report of FillP — Data Link

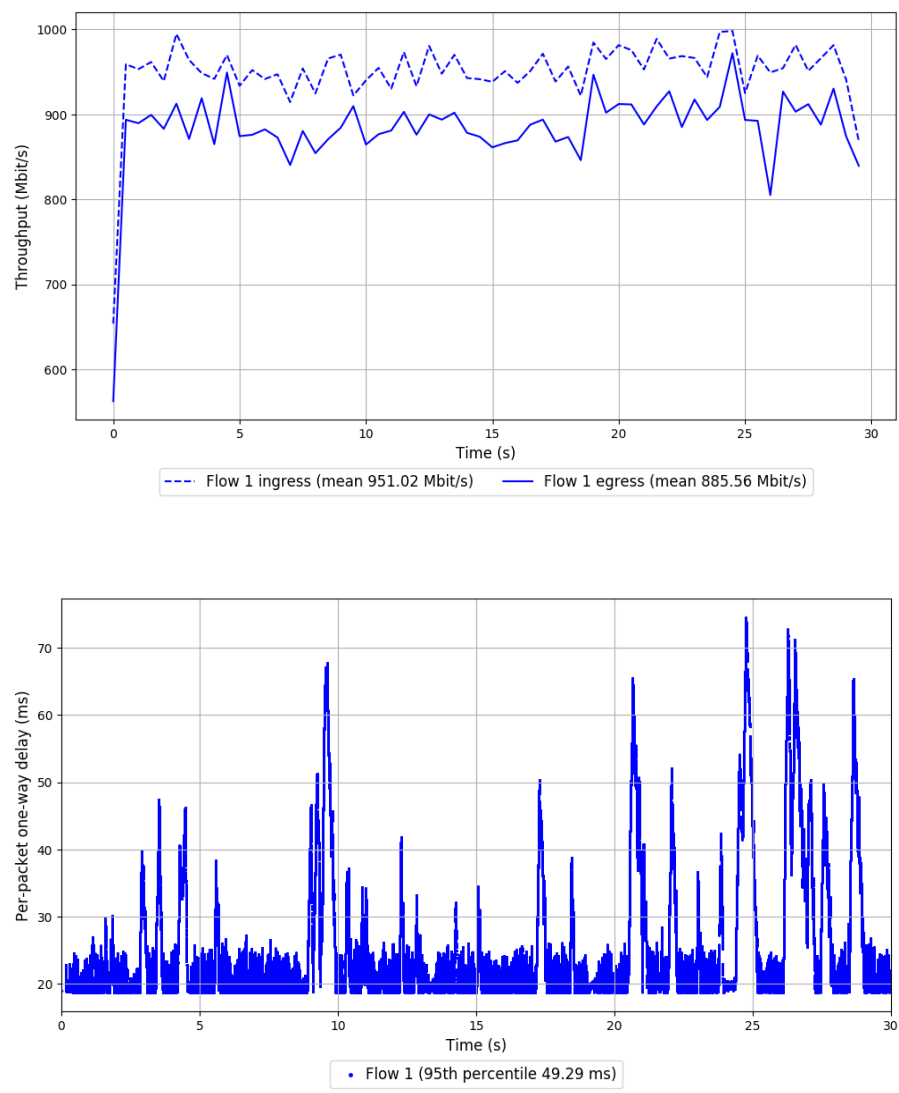


Run 10: Statistics of FillP

Start at: 2018-03-13 09:49:33
End at: 2018-03-13 09:50:03
Local clock offset: 1.189 ms
Remote clock offset: -5.995 ms

Below is generated by plot.py at 2018-03-13 13:41:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 885.56 Mbit/s
95th percentile per-packet one-way delay: 49.288 ms
Loss rate: 6.88%
-- Flow 1:
Average throughput: 885.56 Mbit/s
95th percentile per-packet one-way delay: 49.288 ms
Loss rate: 6.88%

Run 10: Report of FillP — Data Link



Run 1: Statistics of Indigo-1-32

Start at: 2018-03-13 05:49:33

End at: 2018-03-13 05:50:03

Local clock offset: 2.183 ms

Remote clock offset: -5.148 ms

Below is generated by plot.py at 2018-03-13 13:41:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 203.95 Mbit/s

95th percentile per-packet one-way delay: 18.938 ms

Loss rate: 0.06%

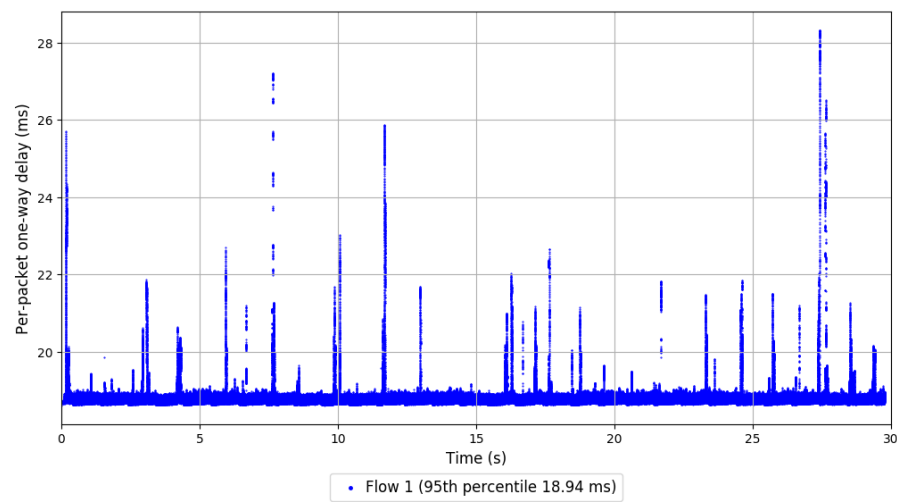
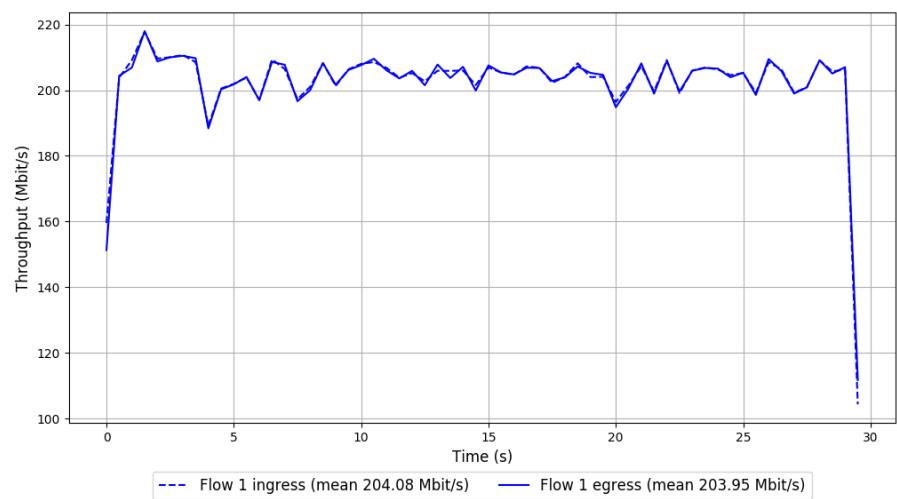
-- Flow 1:

Average throughput: 203.95 Mbit/s

95th percentile per-packet one-way delay: 18.938 ms

Loss rate: 0.06%

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-03-13 06:16:34

End at: 2018-03-13 06:17:04

Local clock offset: 1.5 ms

Remote clock offset: -5.181 ms

Below is generated by plot.py at 2018-03-13 13:41:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 205.23 Mbit/s

95th percentile per-packet one-way delay: 18.919 ms

Loss rate: 0.00%

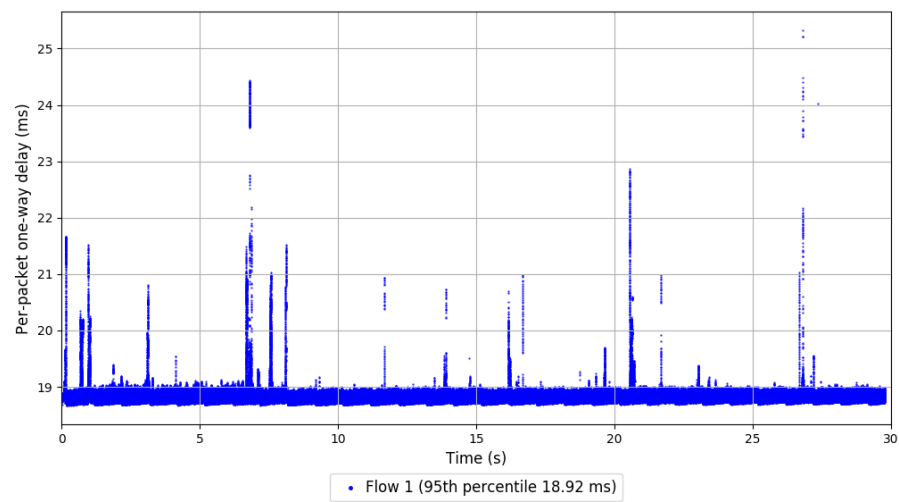
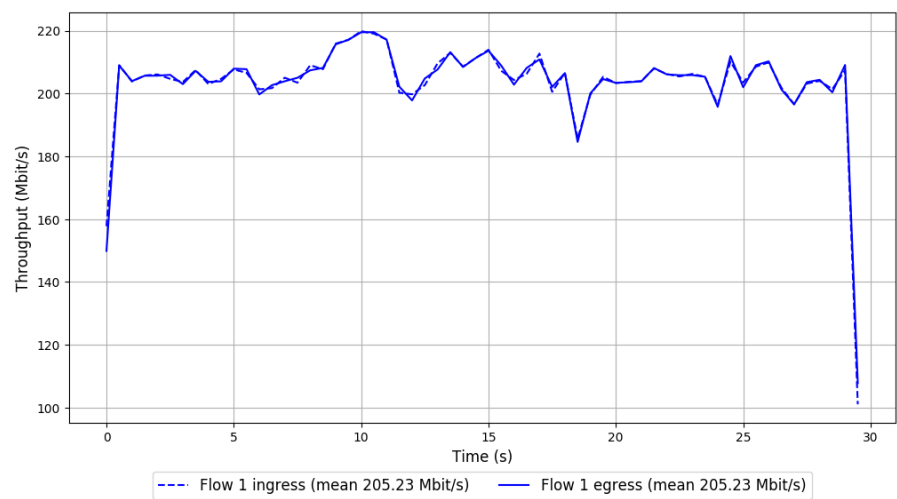
-- Flow 1:

Average throughput: 205.23 Mbit/s

95th percentile per-packet one-way delay: 18.919 ms

Loss rate: 0.00%

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

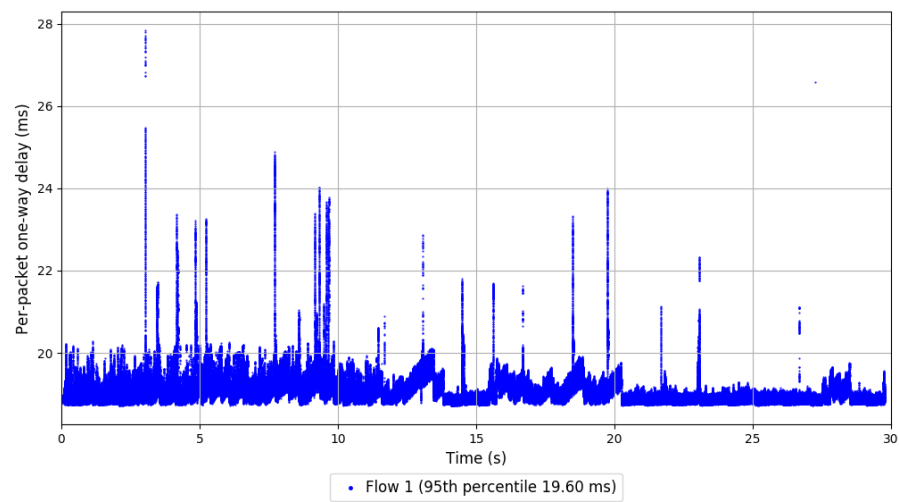
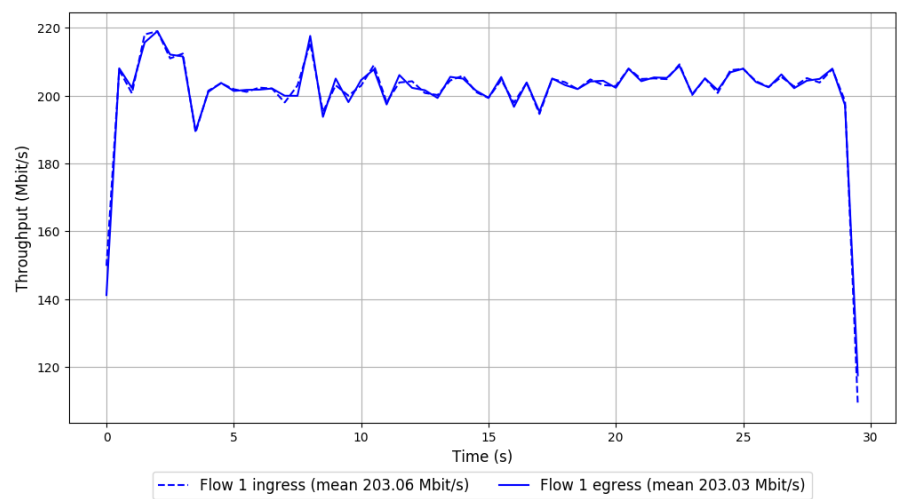


Run 3: Statistics of Indigo-1-32

Start at: 2018-03-13 06:44:17
End at: 2018-03-13 06:44:47
Local clock offset: 0.917 ms
Remote clock offset: -6.174 ms

Below is generated by plot.py at 2018-03-13 13:41:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 203.03 Mbit/s
95th percentile per-packet one-way delay: 19.604 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 203.03 Mbit/s
95th percentile per-packet one-way delay: 19.604 ms
Loss rate: 0.01%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-03-13 07:11:47

End at: 2018-03-13 07:12:17

Local clock offset: 1.08 ms

Remote clock offset: -4.82 ms

Below is generated by plot.py at 2018-03-13 13:41:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 205.88 Mbit/s

95th percentile per-packet one-way delay: 17.354 ms

Loss rate: 0.00%

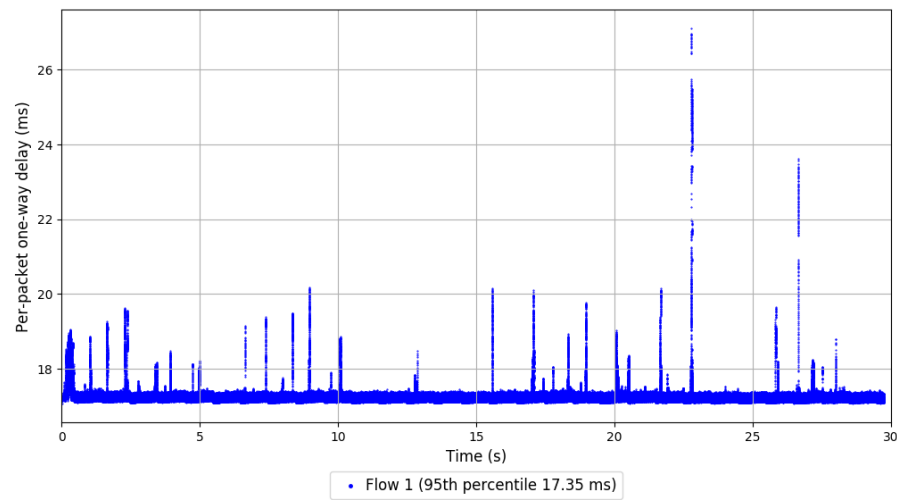
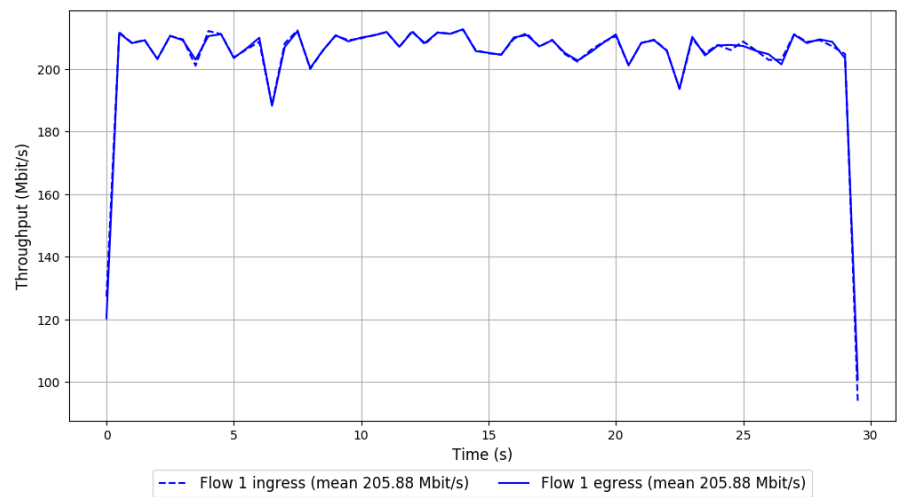
-- Flow 1:

Average throughput: 205.88 Mbit/s

95th percentile per-packet one-way delay: 17.354 ms

Loss rate: 0.00%

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



Run 5: Statistics of Indigo-1-32

Start at: 2018-03-13 07:39:26

End at: 2018-03-13 07:39:56

Local clock offset: 1.132 ms

Remote clock offset: -5.798 ms

Below is generated by plot.py at 2018-03-13 13:41:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 203.63 Mbit/s

95th percentile per-packet one-way delay: 19.061 ms

Loss rate: 0.00%

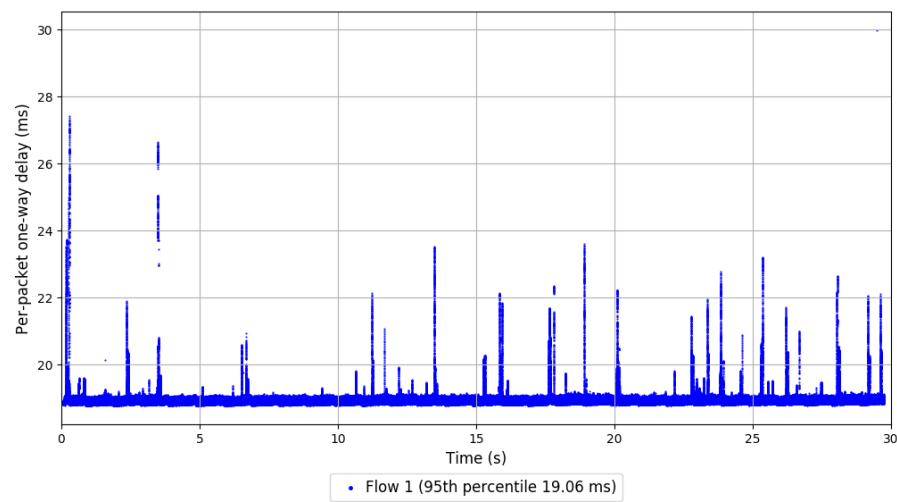
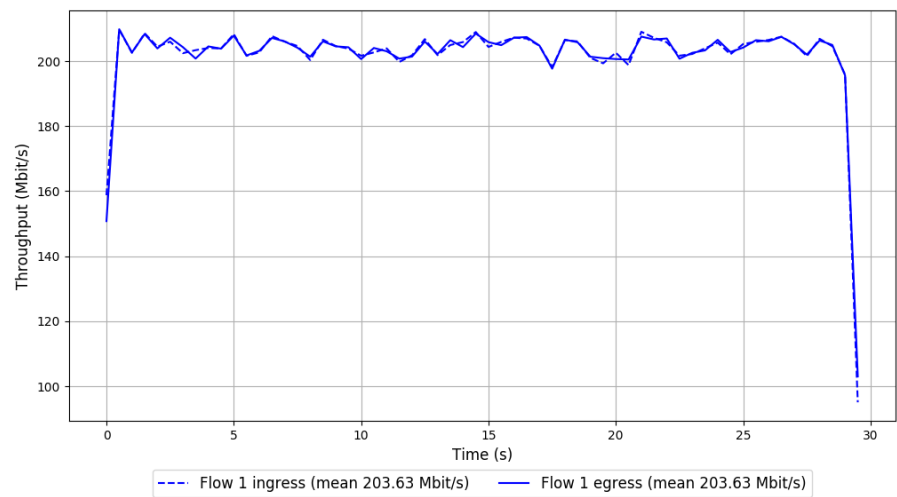
-- Flow 1:

Average throughput: 203.63 Mbit/s

95th percentile per-packet one-way delay: 19.061 ms

Loss rate: 0.00%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-03-13 08:07:03

End at: 2018-03-13 08:07:33

Local clock offset: 0.779 ms

Remote clock offset: -5.461 ms

Below is generated by plot.py at 2018-03-13 13:41:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 204.86 Mbit/s

95th percentile per-packet one-way delay: 18.852 ms

Loss rate: 0.00%

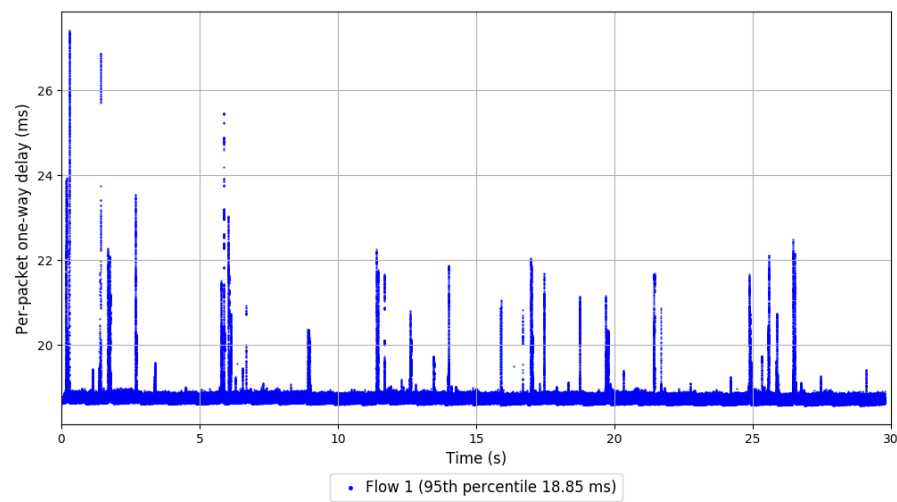
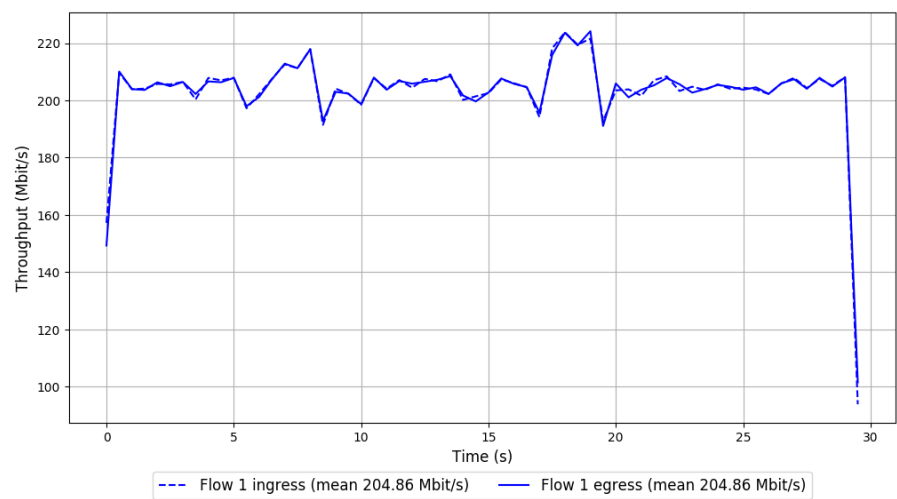
-- Flow 1:

Average throughput: 204.86 Mbit/s

95th percentile per-packet one-way delay: 18.852 ms

Loss rate: 0.00%

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

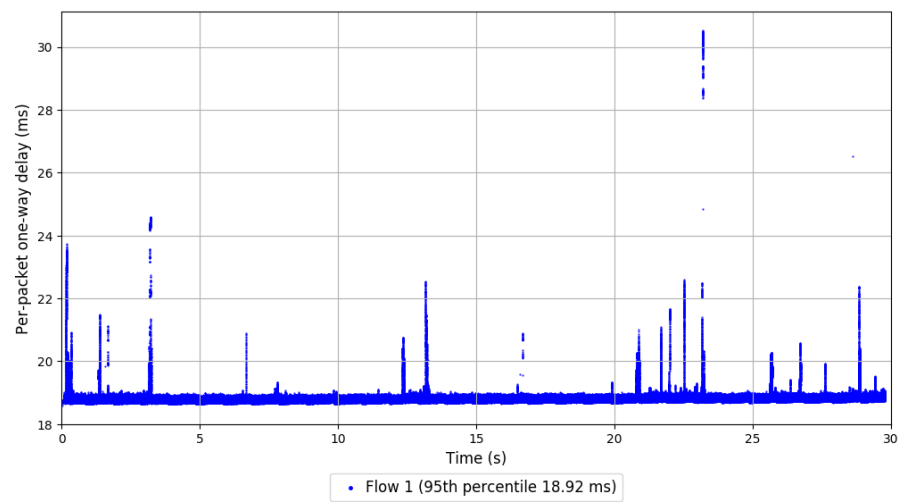
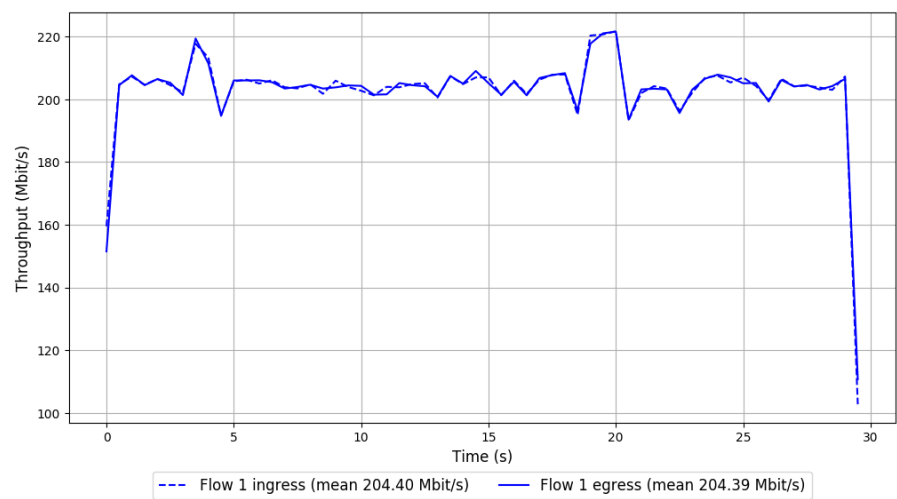


Run 7: Statistics of Indigo-1-32

Start at: 2018-03-13 08:34:45
End at: 2018-03-13 08:35:15
Local clock offset: 0.846 ms
Remote clock offset: -5.002 ms

Below is generated by plot.py at 2018-03-13 13:41:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 204.39 Mbit/s
95th percentile per-packet one-way delay: 18.922 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 204.39 Mbit/s
95th percentile per-packet one-way delay: 18.922 ms
Loss rate: 0.00%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-03-13 09:02:08

End at: 2018-03-13 09:02:38

Local clock offset: 0.922 ms

Remote clock offset: -6.125 ms

Below is generated by plot.py at 2018-03-13 13:41:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 204.77 Mbit/s

95th percentile per-packet one-way delay: 18.986 ms

Loss rate: 0.00%

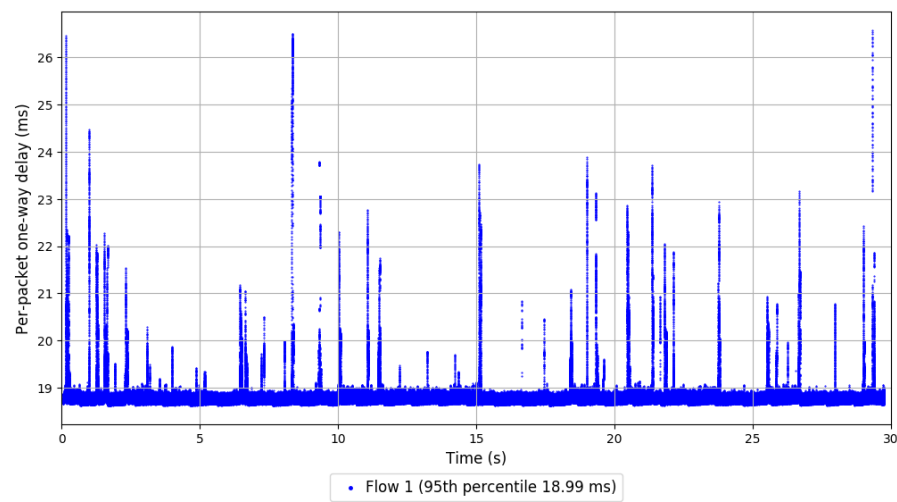
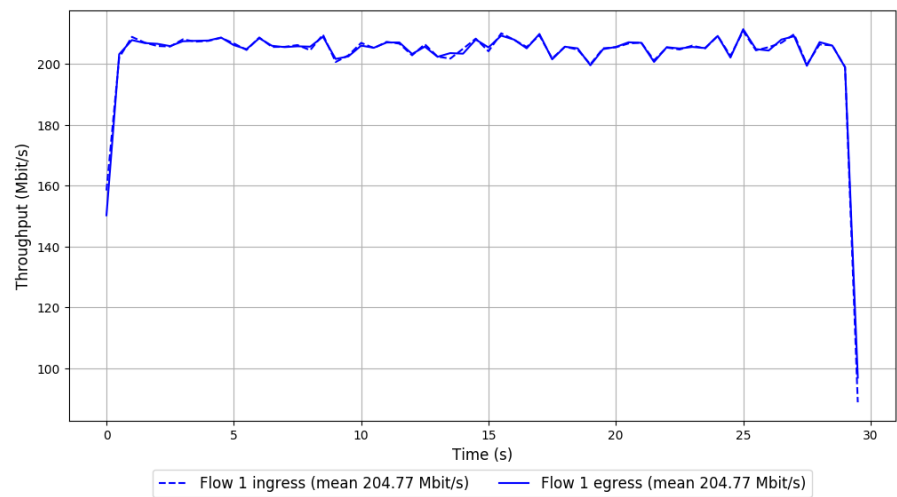
-- Flow 1:

Average throughput: 204.77 Mbit/s

95th percentile per-packet one-way delay: 18.986 ms

Loss rate: 0.00%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-03-13 09:29:48

End at: 2018-03-13 09:30:18

Local clock offset: 0.955 ms

Remote clock offset: -5.231 ms

Below is generated by plot.py at 2018-03-13 13:41:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 211.81 Mbit/s

95th percentile per-packet one-way delay: 17.407 ms

Loss rate: 0.00%

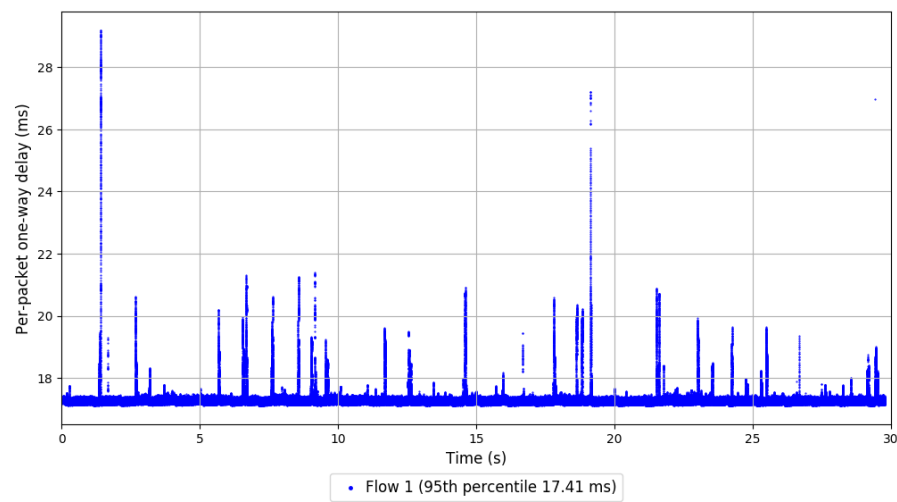
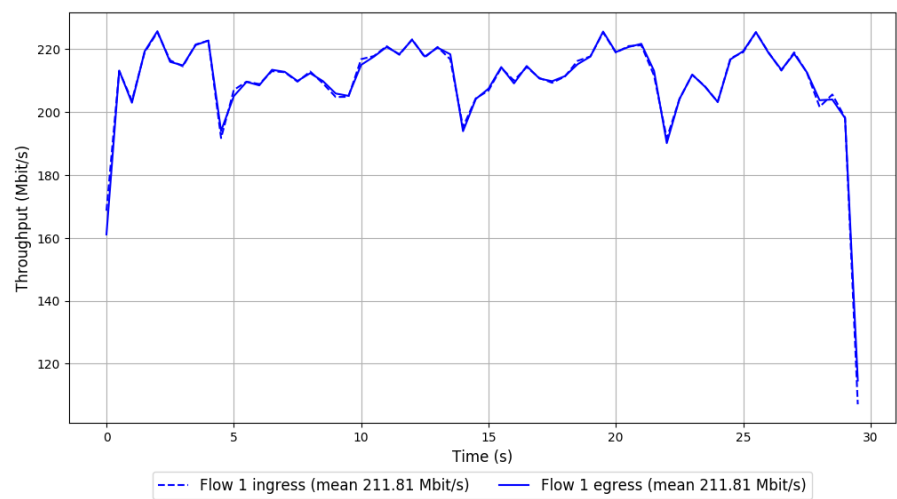
-- Flow 1:

Average throughput: 211.81 Mbit/s

95th percentile per-packet one-way delay: 17.407 ms

Loss rate: 0.00%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-03-13 09:57:25

End at: 2018-03-13 09:57:55

Local clock offset: 1.268 ms

Remote clock offset: -6.304 ms

Below is generated by plot.py at 2018-03-13 13:41:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 204.29 Mbit/s

95th percentile per-packet one-way delay: 18.959 ms

Loss rate: 0.00%

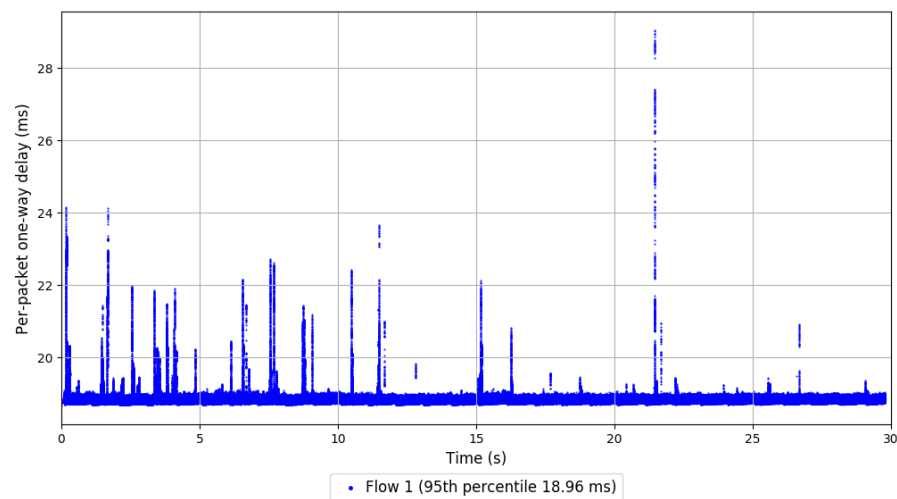
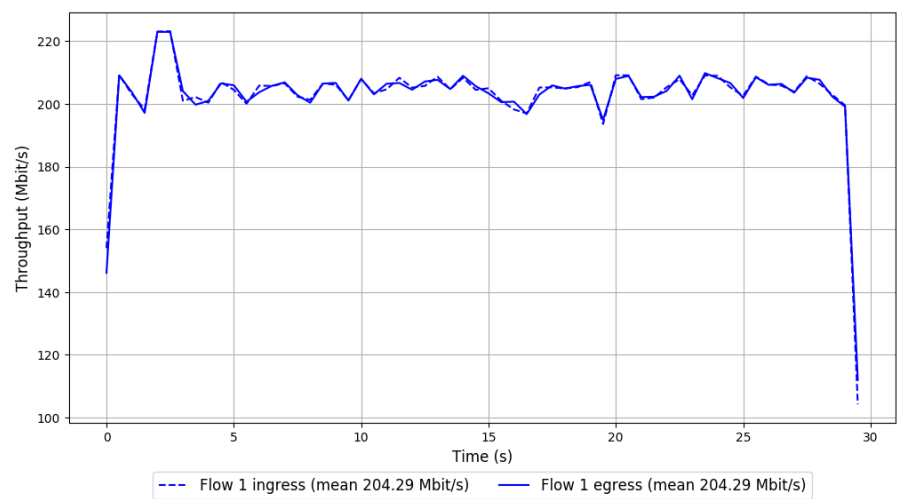
-- Flow 1:

Average throughput: 204.29 Mbit/s

95th percentile per-packet one-way delay: 18.959 ms

Loss rate: 0.00%

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

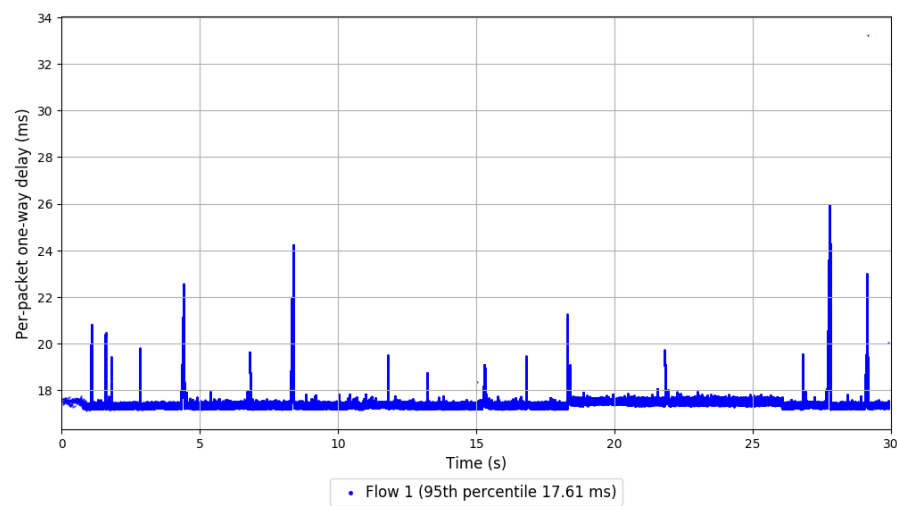
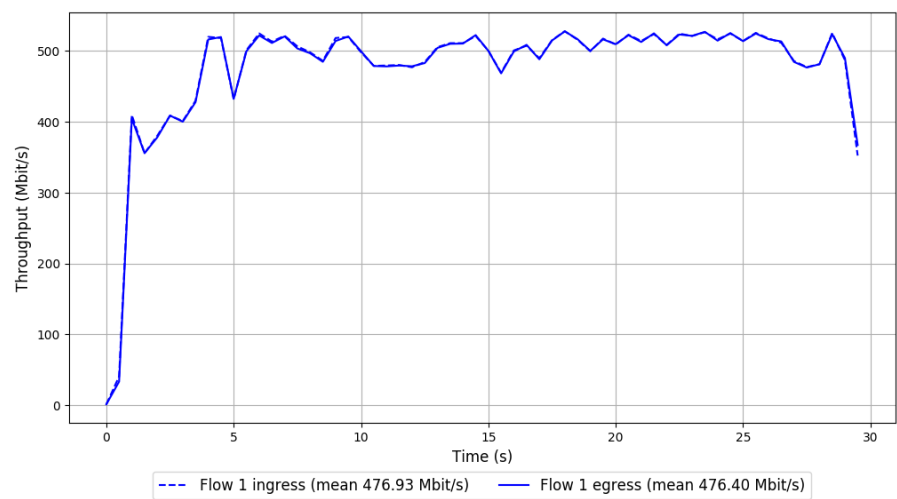


Run 1: Statistics of Vivace-latency

Start at: 2018-03-13 05:35:23
End at: 2018-03-13 05:35:53
Local clock offset: 2.067 ms
Remote clock offset: -5.137 ms

Below is generated by plot.py at 2018-03-13 13:41:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 476.40 Mbit/s
95th percentile per-packet one-way delay: 17.612 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 476.40 Mbit/s
95th percentile per-packet one-way delay: 17.612 ms
Loss rate: 0.10%

Run 1: Report of Vivace-latency — Data Link

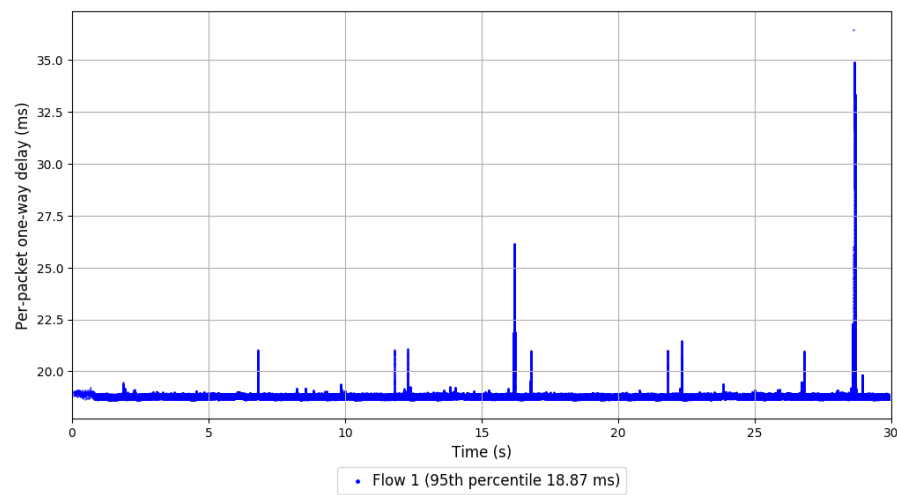
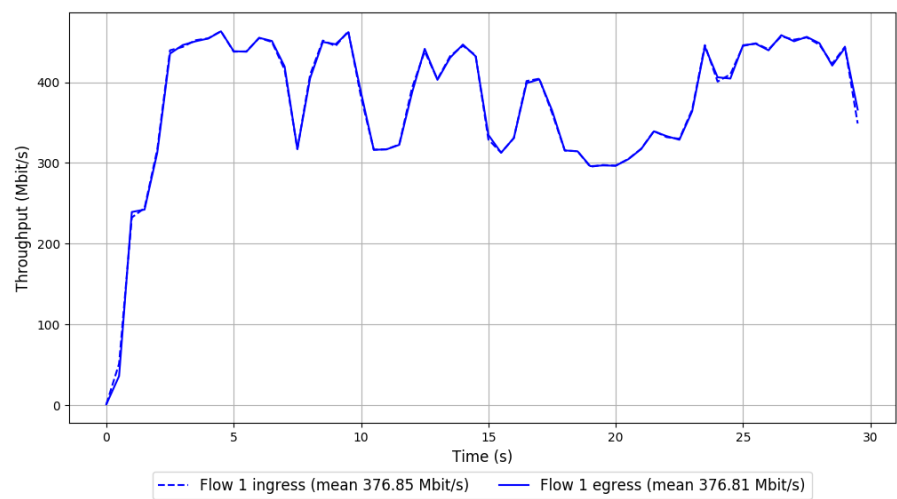


Run 2: Statistics of Vivace-latency

Start at: 2018-03-13 06:02:29
End at: 2018-03-13 06:02:59
Local clock offset: 2.311 ms
Remote clock offset: -5.198 ms

Below is generated by plot.py at 2018-03-13 13:41:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 376.81 Mbit/s
95th percentile per-packet one-way delay: 18.874 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 376.81 Mbit/s
95th percentile per-packet one-way delay: 18.874 ms
Loss rate: 0.01%

Run 2: Report of Vivace-latency — Data Link

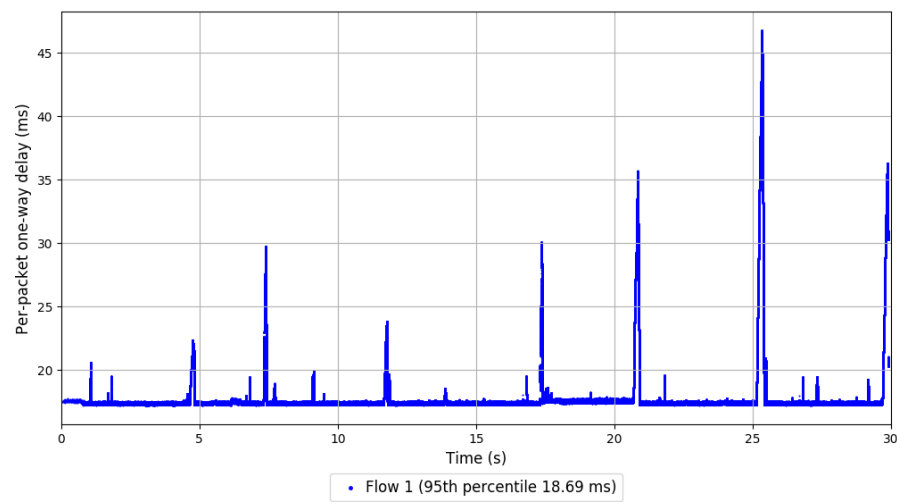
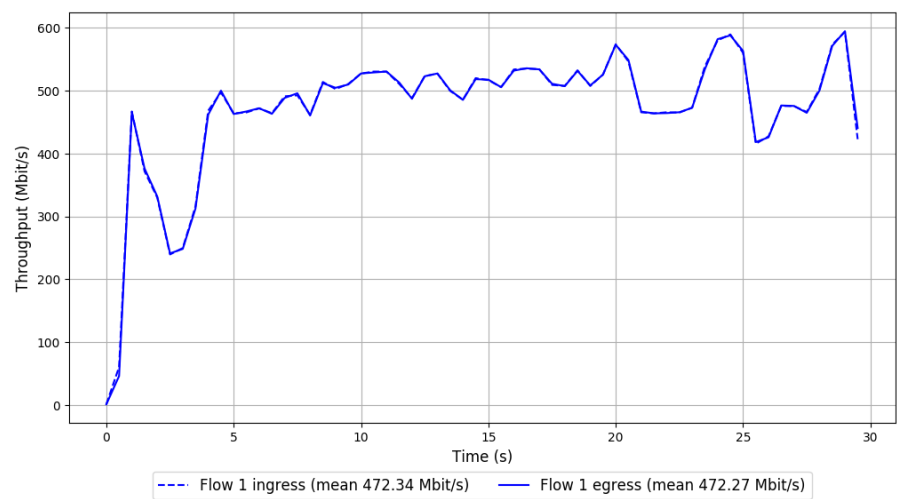


Run 3: Statistics of Vivace-latency

Start at: 2018-03-13 06:29:53
End at: 2018-03-13 06:30:23
Local clock offset: 1.068 ms
Remote clock offset: -5.936 ms

Below is generated by plot.py at 2018-03-13 13:41:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 472.27 Mbit/s
95th percentile per-packet one-way delay: 18.687 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 472.27 Mbit/s
95th percentile per-packet one-way delay: 18.687 ms
Loss rate: 0.01%

Run 3: Report of Vivace-latency — Data Link

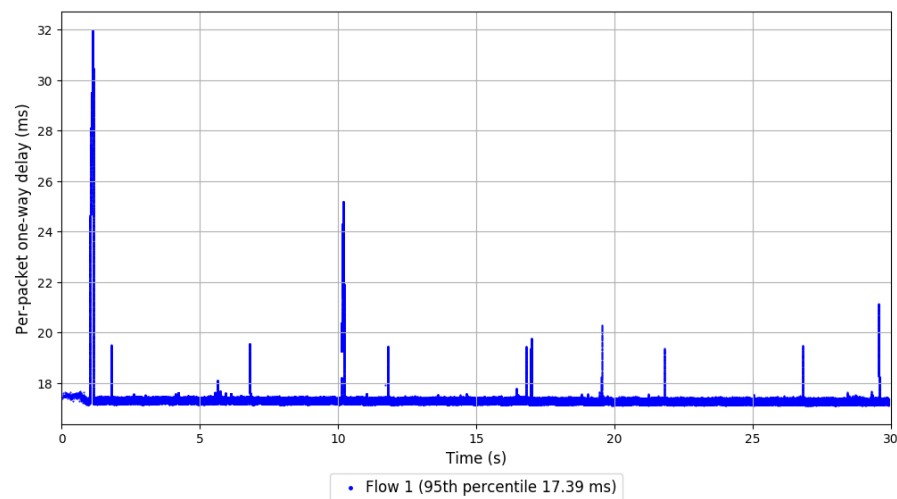
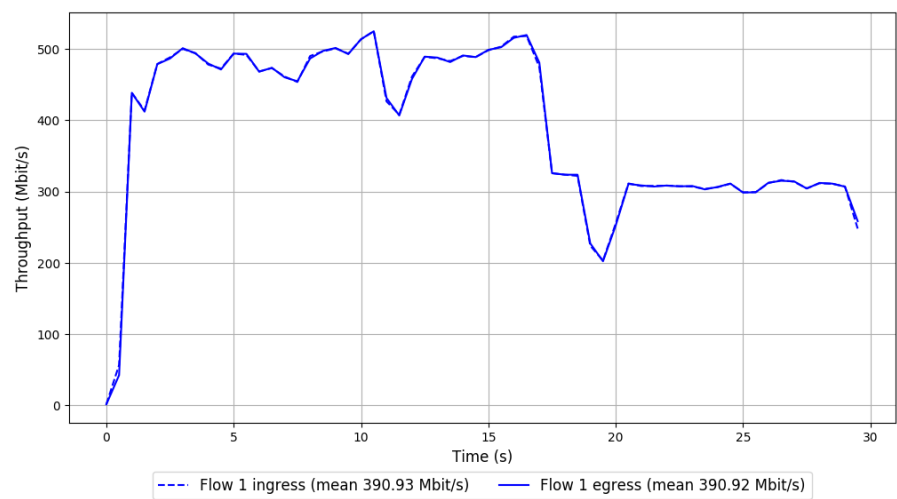


Run 4: Statistics of Vivace-latency

Start at: 2018-03-13 06:57:40
End at: 2018-03-13 06:58:10
Local clock offset: 1.108 ms
Remote clock offset: -5.435 ms

Below is generated by plot.py at 2018-03-13 13:41:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 390.92 Mbit/s
95th percentile per-packet one-way delay: 17.389 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 390.92 Mbit/s
95th percentile per-packet one-way delay: 17.389 ms
Loss rate: 0.00%

Run 4: Report of Vivace-latency — Data Link

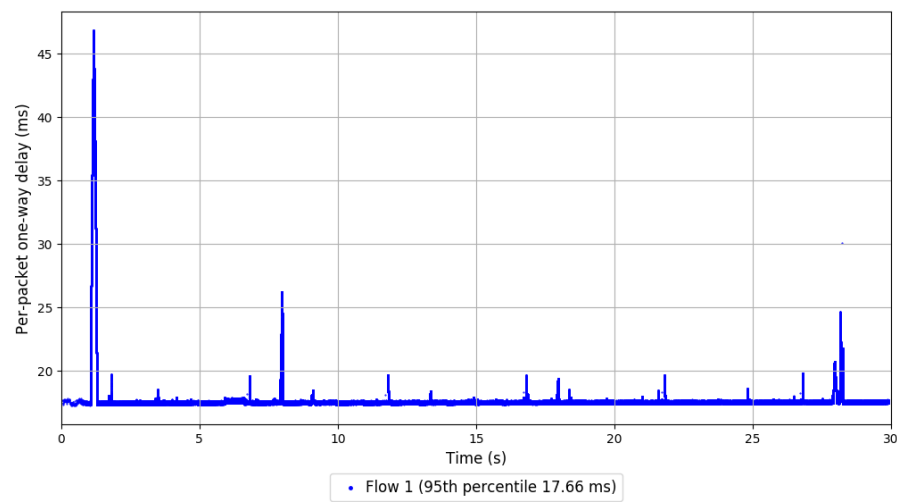
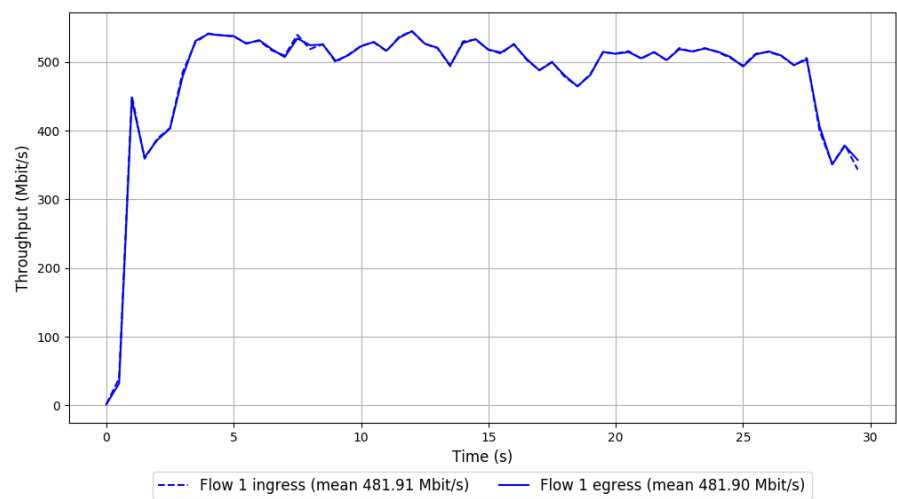


Run 5: Statistics of Vivace-latency

Start at: 2018-03-13 07:25:12
End at: 2018-03-13 07:25:42
Local clock offset: 1.095 ms
Remote clock offset: -4.686 ms

Below is generated by plot.py at 2018-03-13 13:41:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 481.90 Mbit/s
95th percentile per-packet one-way delay: 17.655 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 481.90 Mbit/s
95th percentile per-packet one-way delay: 17.655 ms
Loss rate: 0.00%

Run 5: Report of Vivace-latency — Data Link

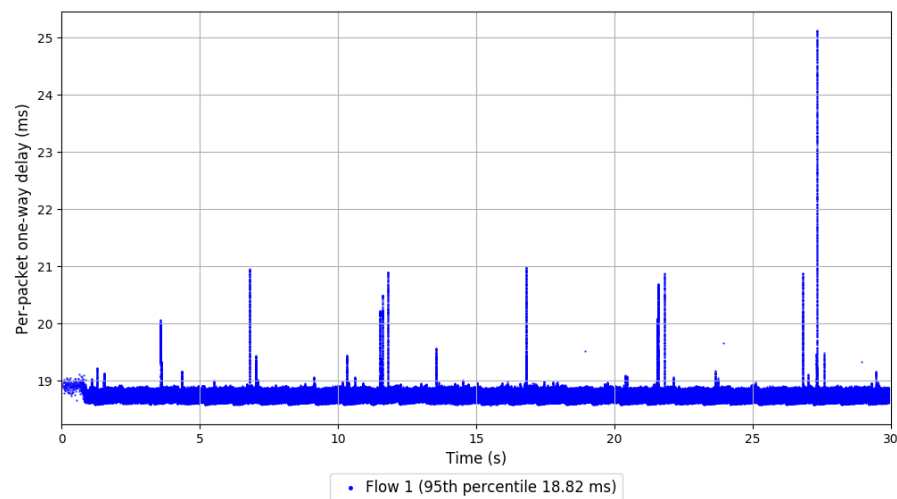
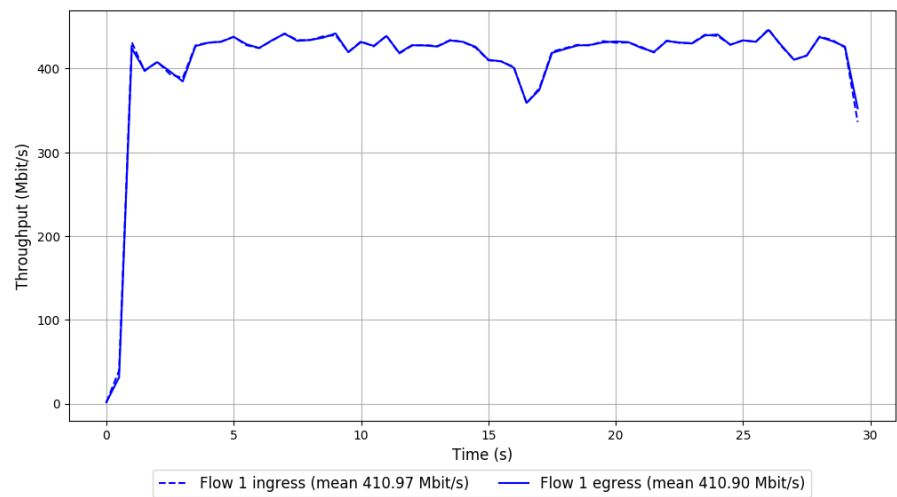


Run 6: Statistics of Vivace-latency

Start at: 2018-03-13 07:52:58
End at: 2018-03-13 07:53:28
Local clock offset: 1.02 ms
Remote clock offset: -6.261 ms

Below is generated by plot.py at 2018-03-13 13:41:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 410.90 Mbit/s
95th percentile per-packet one-way delay: 18.825 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 410.90 Mbit/s
95th percentile per-packet one-way delay: 18.825 ms
Loss rate: 0.02%

Run 6: Report of Vivace-latency — Data Link

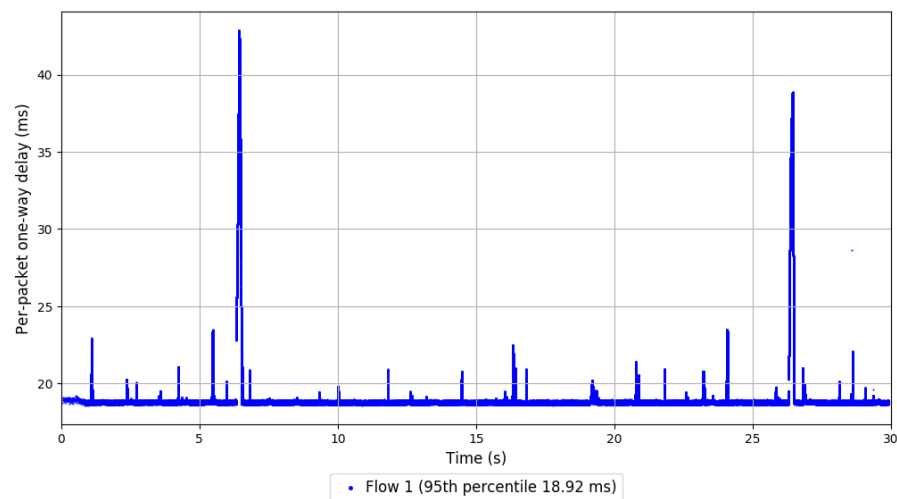
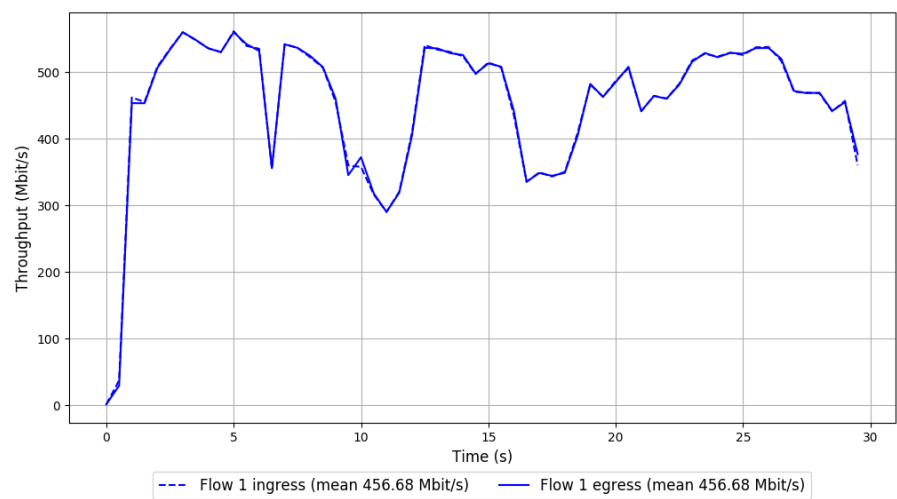


Run 7: Statistics of Vivace-latency

Start at: 2018-03-13 08:20:22
End at: 2018-03-13 08:20:52
Local clock offset: 0.532 ms
Remote clock offset: -4.968 ms

Below is generated by plot.py at 2018-03-13 13:44:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 456.68 Mbit/s
95th percentile per-packet one-way delay: 18.917 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 456.68 Mbit/s
95th percentile per-packet one-way delay: 18.917 ms
Loss rate: 0.01%

Run 7: Report of Vivace-latency — Data Link

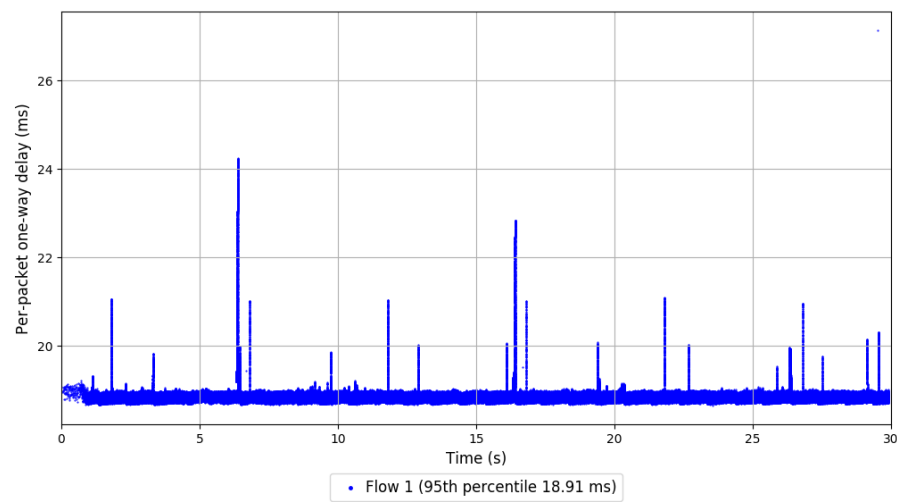
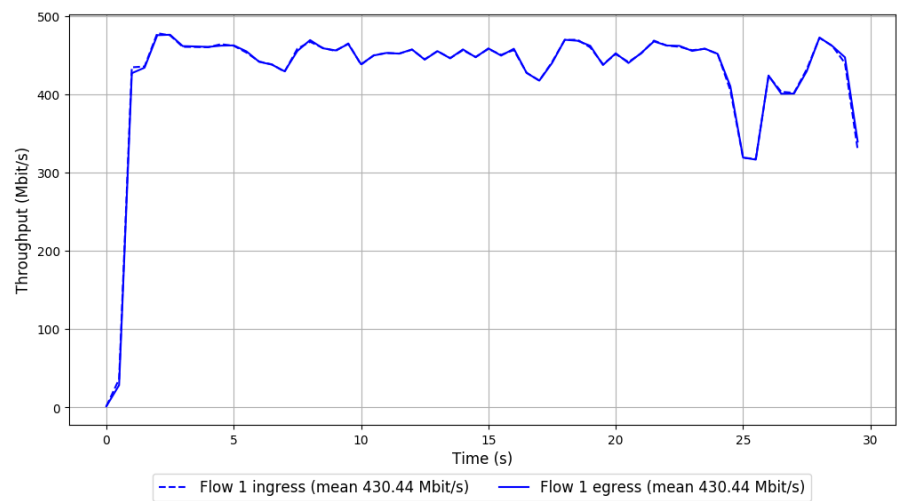


Run 8: Statistics of Vivace-latency

Start at: 2018-03-13 08:48:02
End at: 2018-03-13 08:48:32
Local clock offset: 0.919 ms
Remote clock offset: -5.832 ms

Below is generated by plot.py at 2018-03-13 13:45:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 430.44 Mbit/s
95th percentile per-packet one-way delay: 18.912 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 430.44 Mbit/s
95th percentile per-packet one-way delay: 18.912 ms
Loss rate: 0.00%

Run 8: Report of Vivace-latency — Data Link

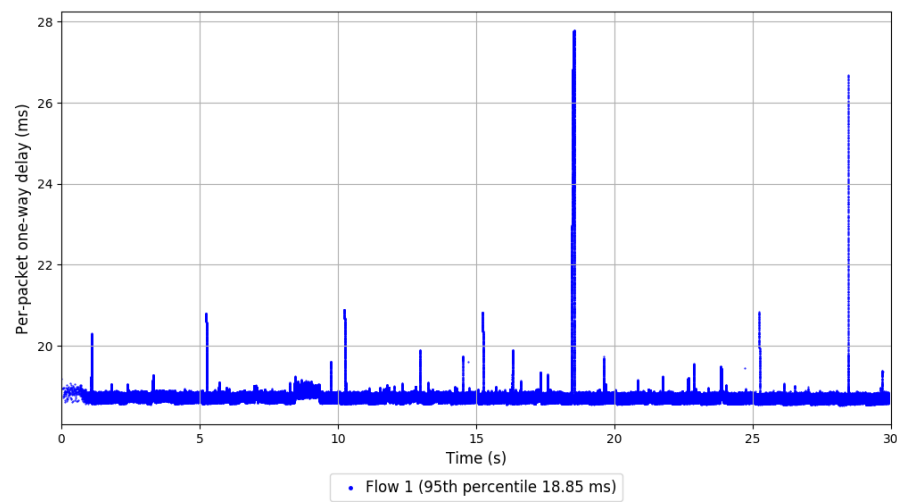
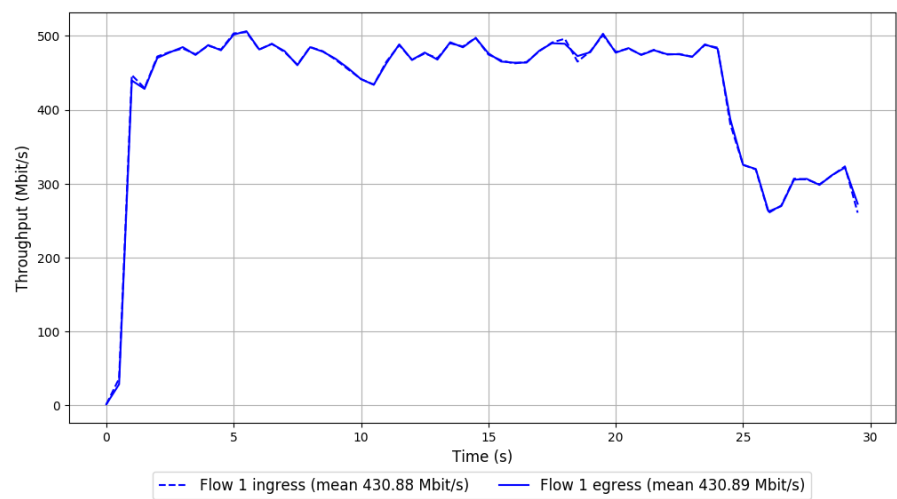


Run 9: Statistics of Vivace-latency

Start at: 2018-03-13 09:15:29
End at: 2018-03-13 09:15:59
Local clock offset: 0.963 ms
Remote clock offset: -5.595 ms

Below is generated by plot.py at 2018-03-13 13:46:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 430.89 Mbit/s
95th percentile per-packet one-way delay: 18.849 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 430.89 Mbit/s
95th percentile per-packet one-way delay: 18.849 ms
Loss rate: 0.00%

Run 9: Report of Vivace-latency — Data Link

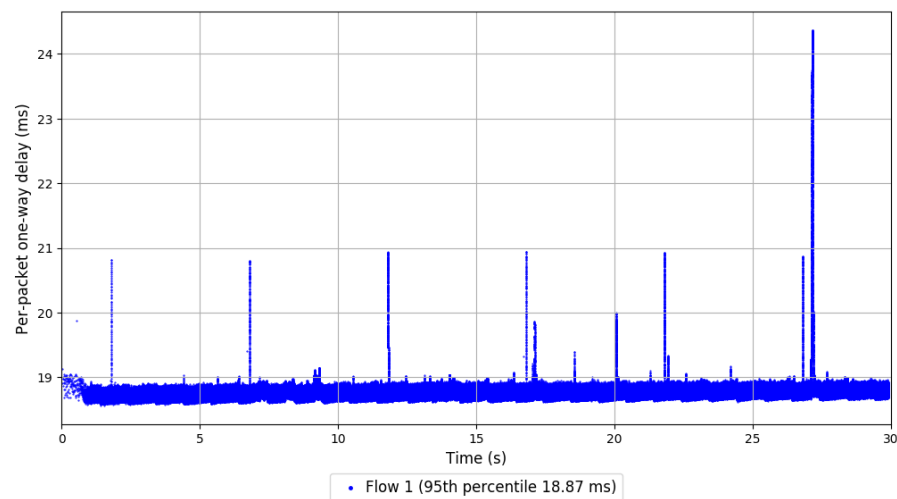
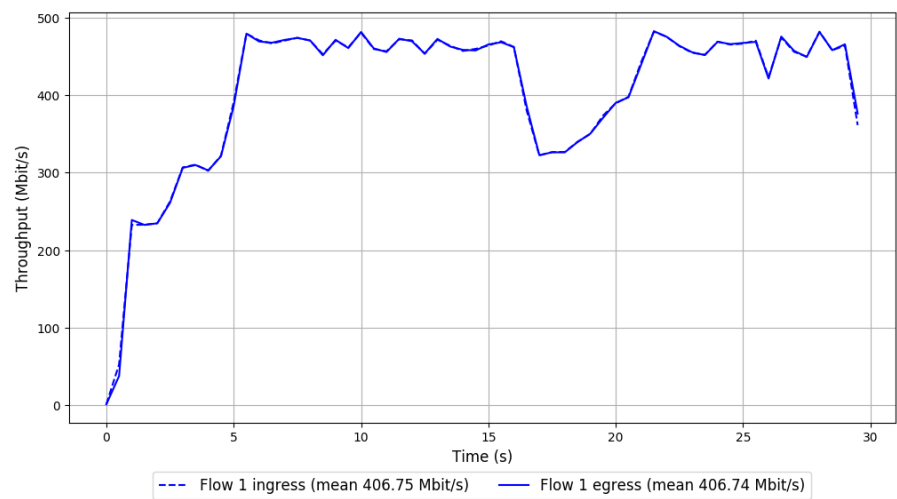


Run 10: Statistics of Vivace-latency

Start at: 2018-03-13 09:43:20
End at: 2018-03-13 09:43:50
Local clock offset: 1.167 ms
Remote clock offset: -5.423 ms

Below is generated by plot.py at 2018-03-13 13:46:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 406.74 Mbit/s
95th percentile per-packet one-way delay: 18.869 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 406.74 Mbit/s
95th percentile per-packet one-way delay: 18.869 ms
Loss rate: 0.01%

Run 10: Report of Vivace-latency — Data Link

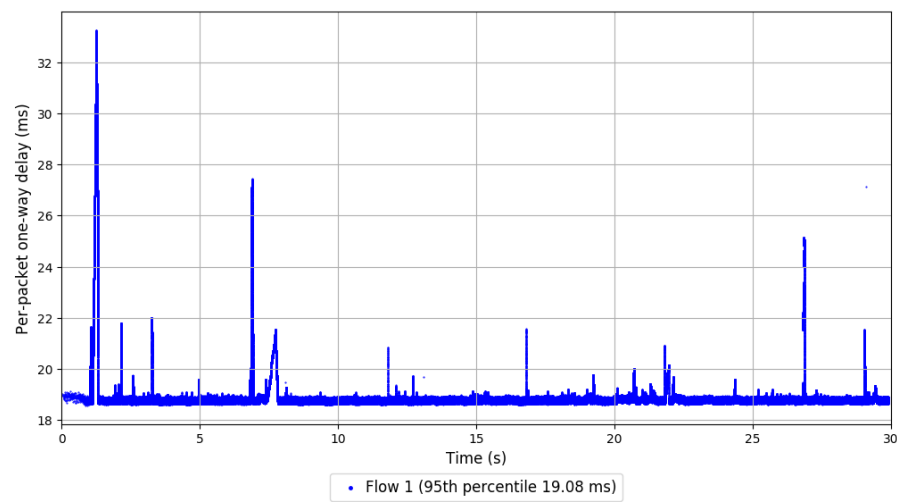
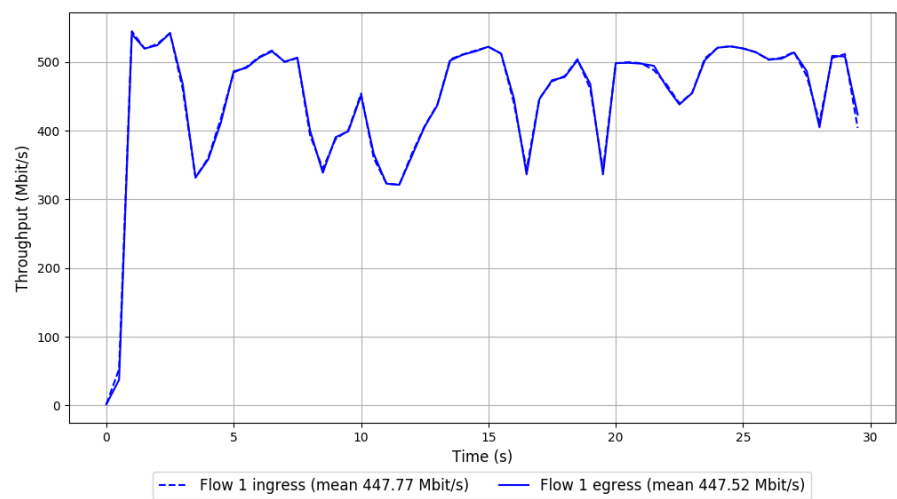


```
Run 1: Statistics of Vivace-loss

Start at: 2018-03-13 05:46:34
End at: 2018-03-13 05:47:04
Local clock offset: 2.153 ms
Remote clock offset: -5.14 ms

# Below is generated by plot.py at 2018-03-13 13:47:39
# Datalink statistics
-- Total of 1 flow:
Average throughput: 447.52 Mbit/s
95th percentile per-packet one-way delay: 19.076 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 447.52 Mbit/s
95th percentile per-packet one-way delay: 19.076 ms
Loss rate: 0.06%
```

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-03-13 06:13:35

End at: 2018-03-13 06:14:05

Local clock offset: 1.771 ms

Remote clock offset: -5.108 ms

Below is generated by plot.py at 2018-03-13 13:48:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 457.59 Mbit/s

95th percentile per-packet one-way delay: 18.937 ms

Loss rate: 0.00%

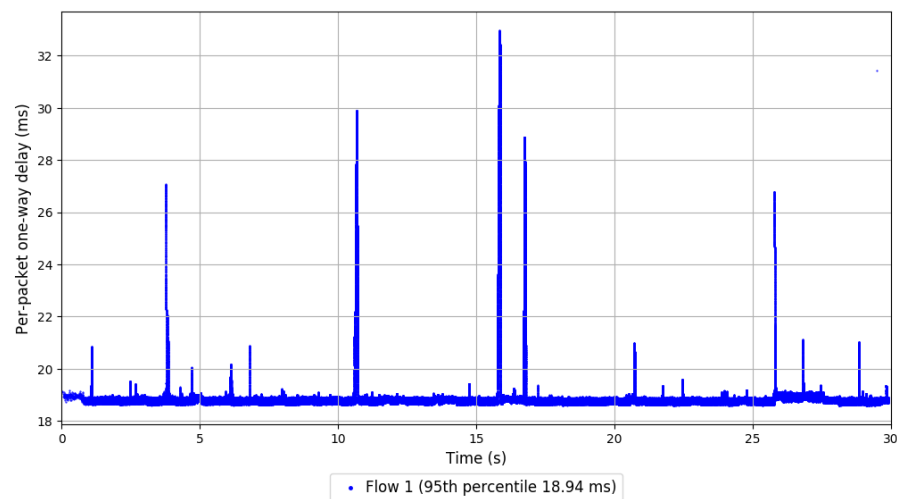
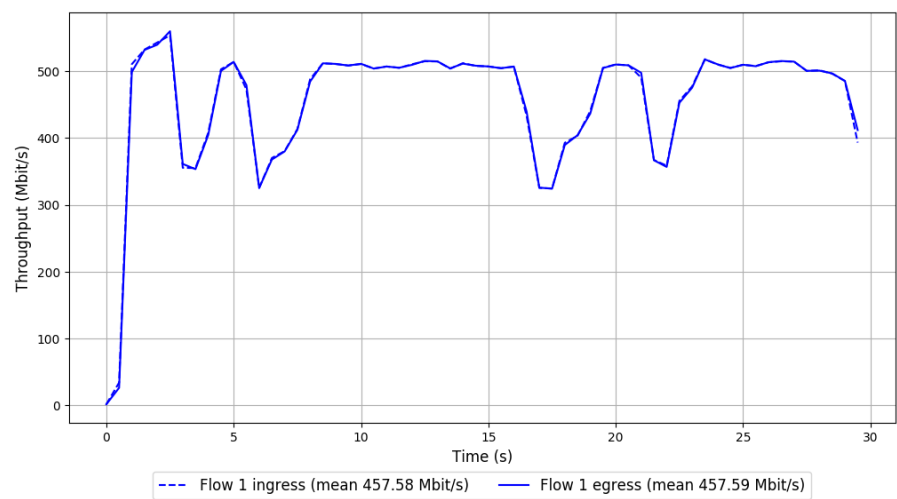
-- Flow 1:

Average throughput: 457.59 Mbit/s

95th percentile per-packet one-way delay: 18.937 ms

Loss rate: 0.00%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-03-13 06:41:19

End at: 2018-03-13 06:41:49

Local clock offset: 0.963 ms

Remote clock offset: -6.07 ms

Below is generated by plot.py at 2018-03-13 13:48:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 430.34 Mbit/s

95th percentile per-packet one-way delay: 69.824 ms

Loss rate: 0.79%

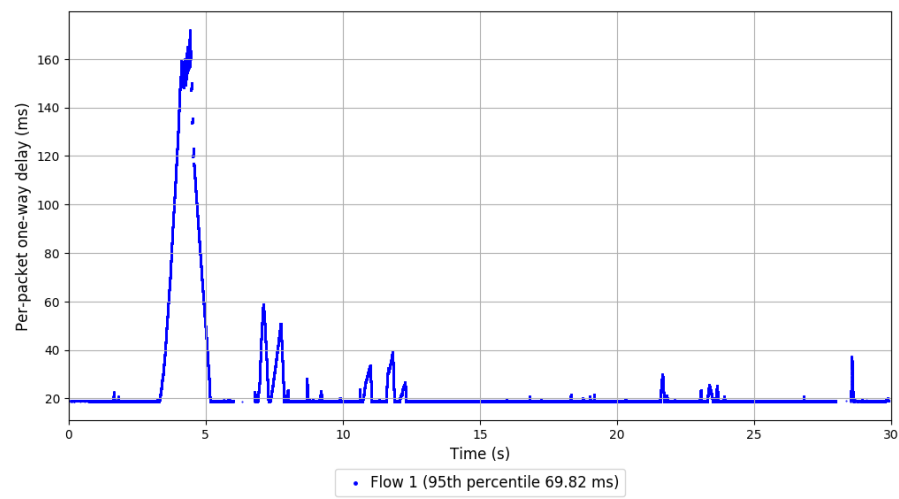
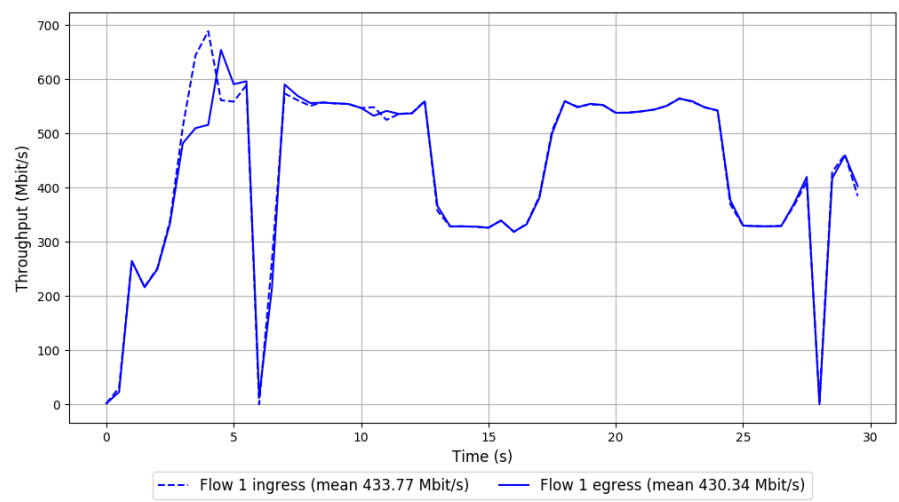
-- Flow 1:

Average throughput: 430.34 Mbit/s

95th percentile per-packet one-way delay: 69.824 ms

Loss rate: 0.79%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-03-13 07:08:46

End at: 2018-03-13 07:09:16

Local clock offset: 0.964 ms

Remote clock offset: -4.906 ms

Below is generated by plot.py at 2018-03-13 13:48:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 483.76 Mbit/s

95th percentile per-packet one-way delay: 19.029 ms

Loss rate: 0.01%

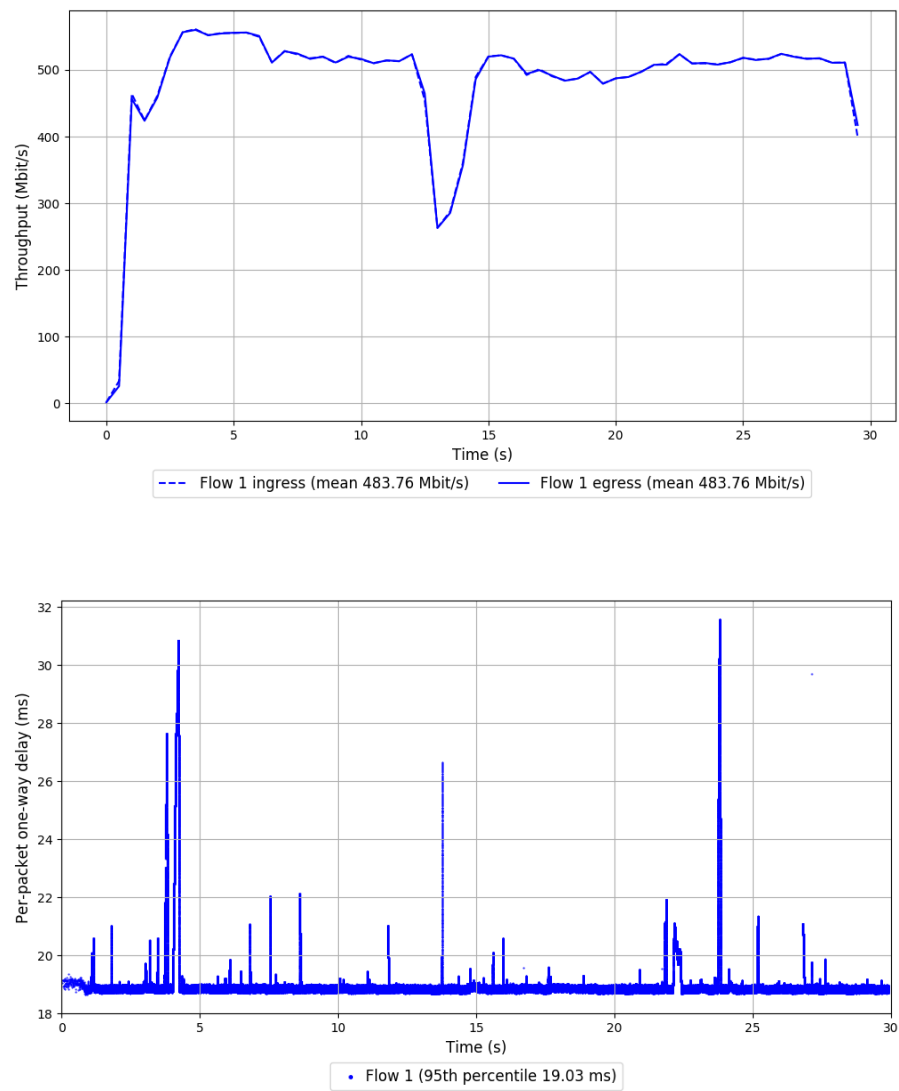
-- Flow 1:

Average throughput: 483.76 Mbit/s

95th percentile per-packet one-way delay: 19.029 ms

Loss rate: 0.01%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-03-13 07:36:26

End at: 2018-03-13 07:36:56

Local clock offset: 1.162 ms

Remote clock offset: -5.668 ms

Below is generated by plot.py at 2018-03-13 13:50:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 432.77 Mbit/s

95th percentile per-packet one-way delay: 19.075 ms

Loss rate: 0.00%

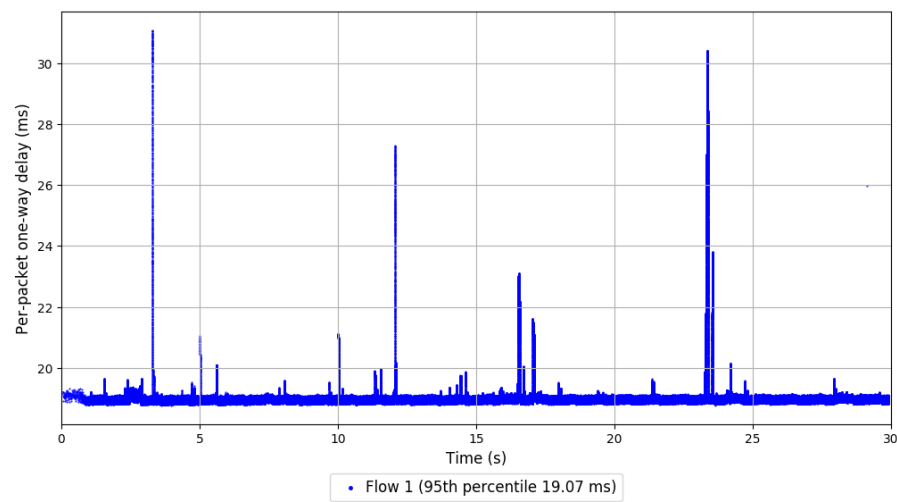
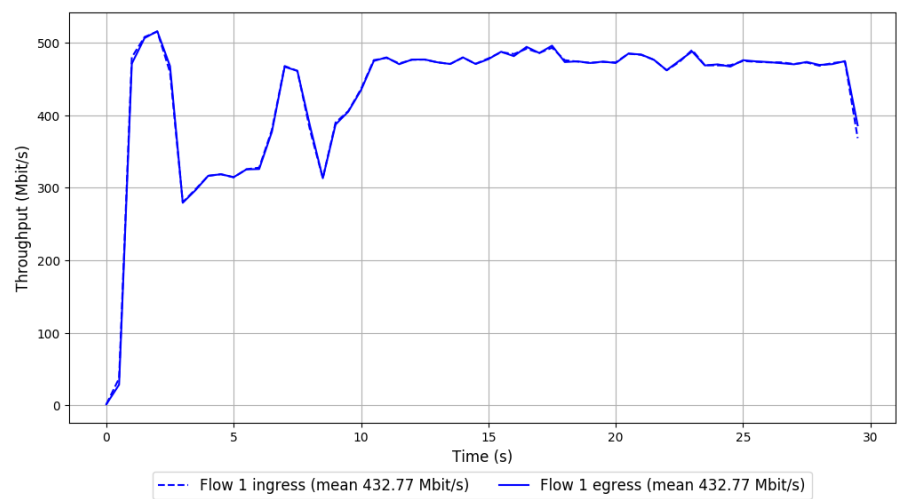
-- Flow 1:

Average throughput: 432.77 Mbit/s

95th percentile per-packet one-way delay: 19.075 ms

Loss rate: 0.00%

Run 5: Report of Vivace-loss — Data Link

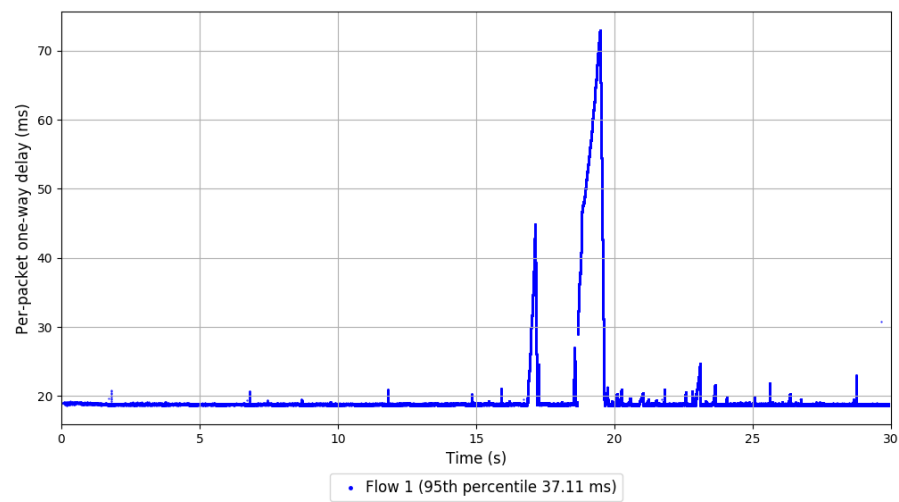
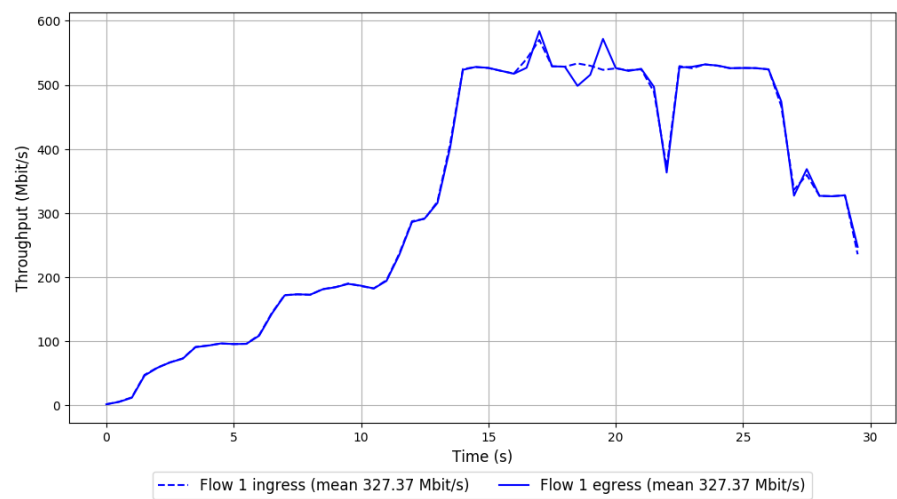


Run 6: Statistics of Vivace-loss

Start at: 2018-03-13 08:04:10
End at: 2018-03-13 08:04:40
Local clock offset: 0.707 ms
Remote clock offset: -5.762 ms

Below is generated by plot.py at 2018-03-13 13:50:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 327.37 Mbit/s
95th percentile per-packet one-way delay: 37.106 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 327.37 Mbit/s
95th percentile per-packet one-way delay: 37.106 ms
Loss rate: 0.00%

Run 6: Report of Vivace-loss — Data Link

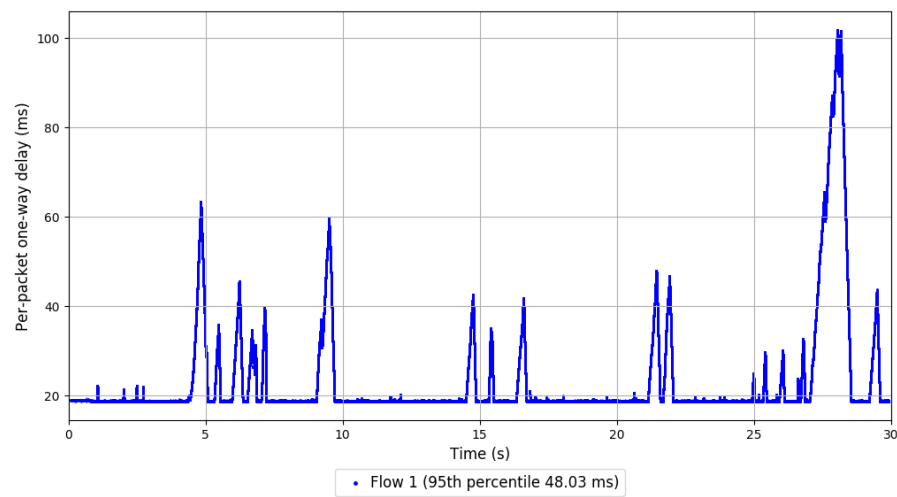
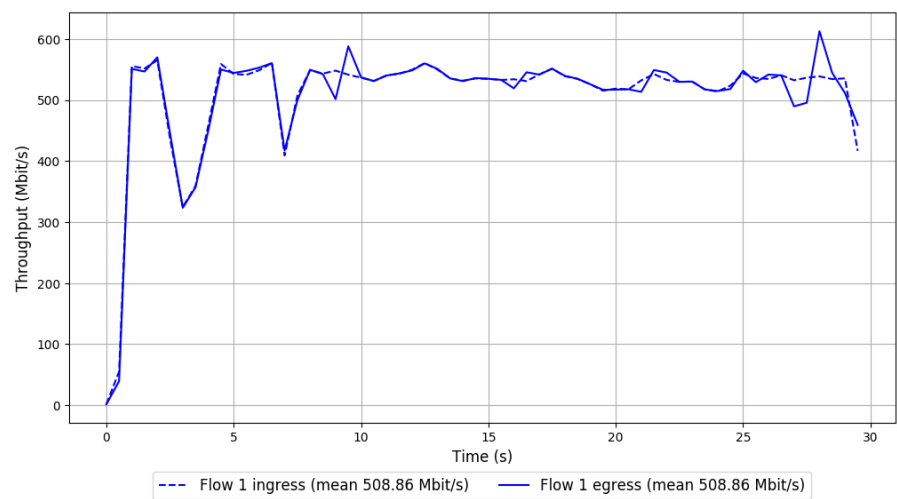


Run 7: Statistics of Vivace-loss

Start at: 2018-03-13 08:31:43
End at: 2018-03-13 08:32:13
Local clock offset: 0.763 ms
Remote clock offset: -4.808 ms

Below is generated by plot.py at 2018-03-13 13:53:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 508.86 Mbit/s
95th percentile per-packet one-way delay: 48.026 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 508.86 Mbit/s
95th percentile per-packet one-way delay: 48.026 ms
Loss rate: 0.01%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-03-13 08:59:10

End at: 2018-03-13 08:59:40

Local clock offset: 0.945 ms

Remote clock offset: -6.109 ms

Below is generated by plot.py at 2018-03-13 13:53:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 448.31 Mbit/s

95th percentile per-packet one-way delay: 106.913 ms

Loss rate: 0.25%

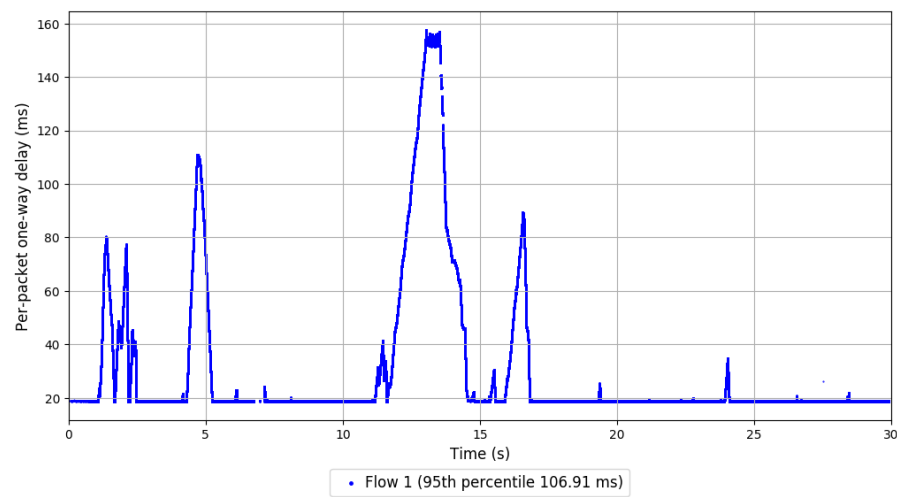
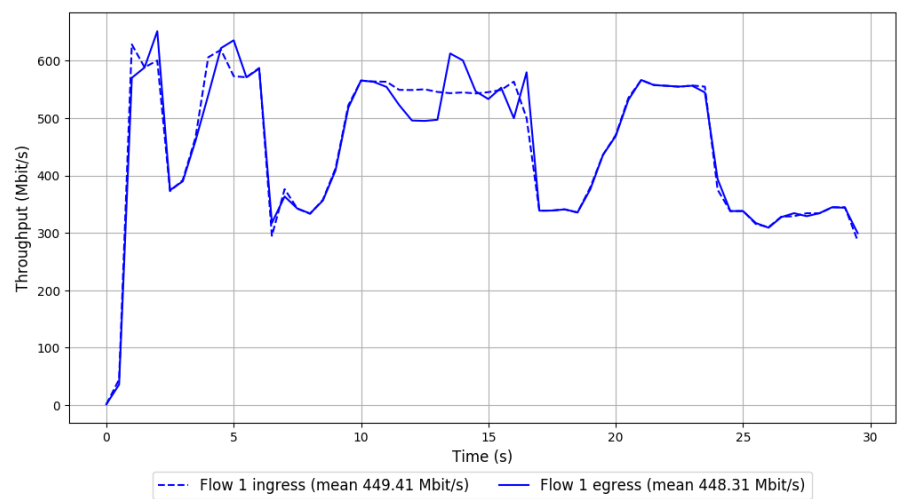
-- Flow 1:

Average throughput: 448.31 Mbit/s

95th percentile per-packet one-way delay: 106.913 ms

Loss rate: 0.25%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-03-13 09:26:47

End at: 2018-03-13 09:27:17

Local clock offset: 0.968 ms

Remote clock offset: -5.218 ms

Below is generated by plot.py at 2018-03-13 13:54:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 486.53 Mbit/s

95th percentile per-packet one-way delay: 48.516 ms

Loss rate: 0.22%

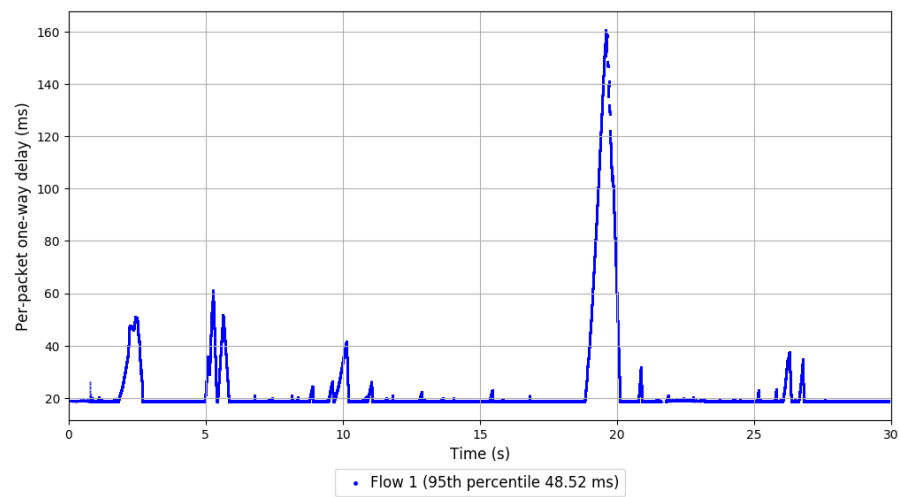
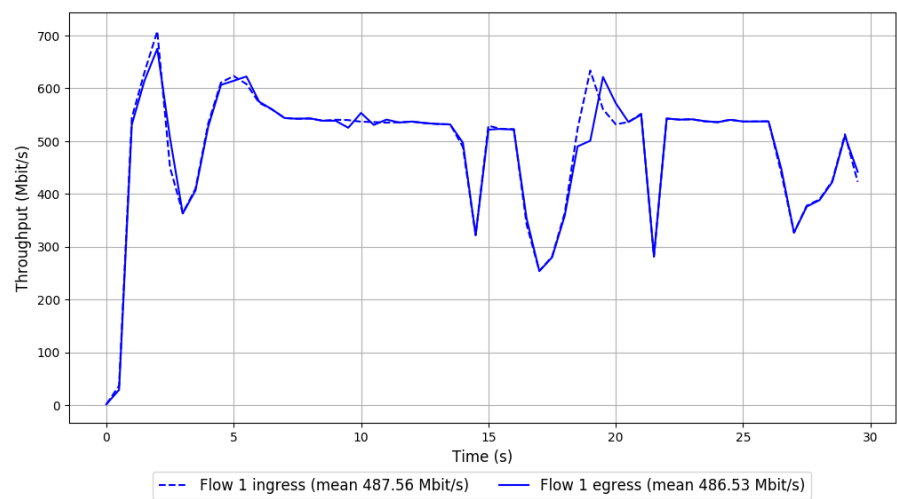
-- Flow 1:

Average throughput: 486.53 Mbit/s

95th percentile per-packet one-way delay: 48.516 ms

Loss rate: 0.22%

Run 9: Report of Vivace-loss — Data Link



Run 10: Statistics of Vivace-loss

Start at: 2018-03-13 09:54:24

End at: 2018-03-13 09:54:54

Local clock offset: 1.275 ms

Remote clock offset: -6.284 ms

Below is generated by plot.py at 2018-03-13 13:55:40

Datalink statistics

-- Total of 1 flow:

Average throughput: 515.31 Mbit/s

95th percentile per-packet one-way delay: 70.888 ms

Loss rate: 0.02%

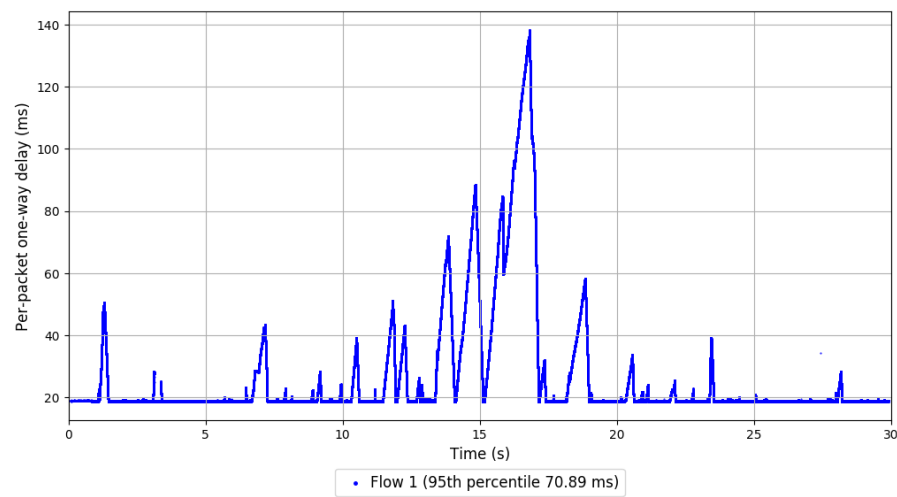
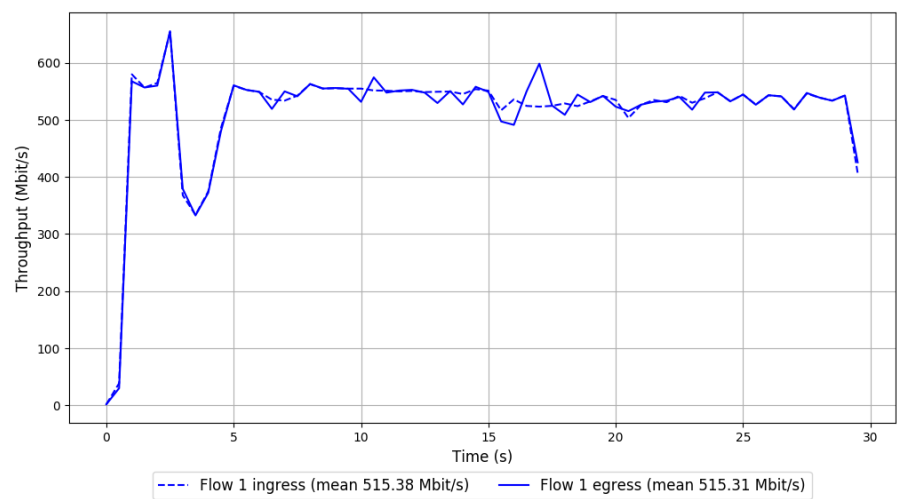
-- Flow 1:

Average throughput: 515.31 Mbit/s

95th percentile per-packet one-way delay: 70.888 ms

Loss rate: 0.02%

Run 10: Report of Vivace-loss — Data Link



Run 1: Statistics of Vivace-LTE

Start at: 2018-03-13 05:30:46

End at: 2018-03-13 05:31:16

Local clock offset: 2.018 ms

Remote clock offset: -5.129 ms

Below is generated by plot.py at 2018-03-13 13:55:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 499.18 Mbit/s

95th percentile per-packet one-way delay: 23.723 ms

Loss rate: 0.03%

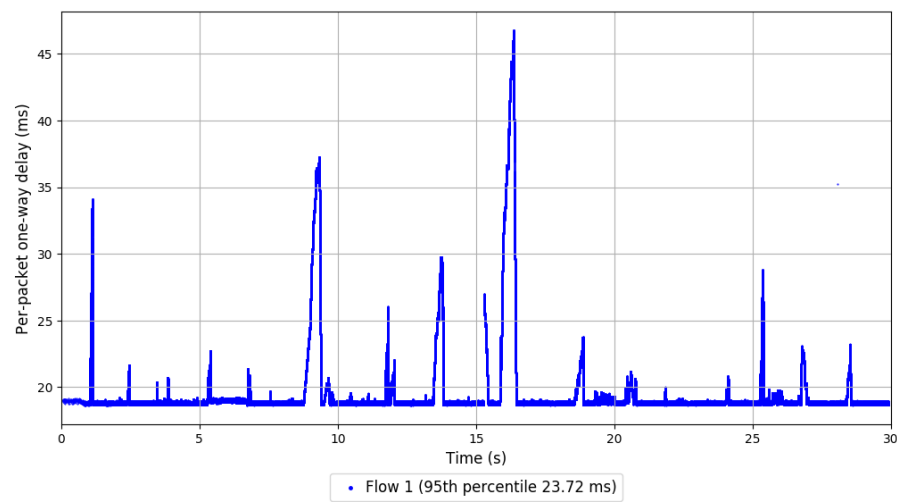
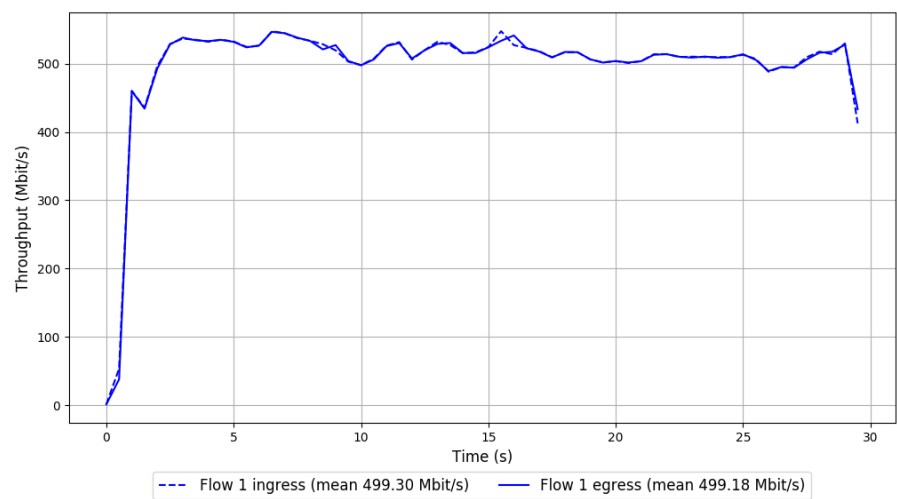
-- Flow 1:

Average throughput: 499.18 Mbit/s

95th percentile per-packet one-way delay: 23.723 ms

Loss rate: 0.03%

Run 1: Report of Vivace-LTE — Data Link



Run 2: Statistics of Vivace-LTE

Start at: 2018-03-13 05:57:53

End at: 2018-03-13 05:58:23

Local clock offset: 2.204 ms

Remote clock offset: -5.212 ms

Below is generated by plot.py at 2018-03-13 13:56:04

Datalink statistics

-- Total of 1 flow:

Average throughput: 466.51 Mbit/s

95th percentile per-packet one-way delay: 18.959 ms

Loss rate: 0.03%

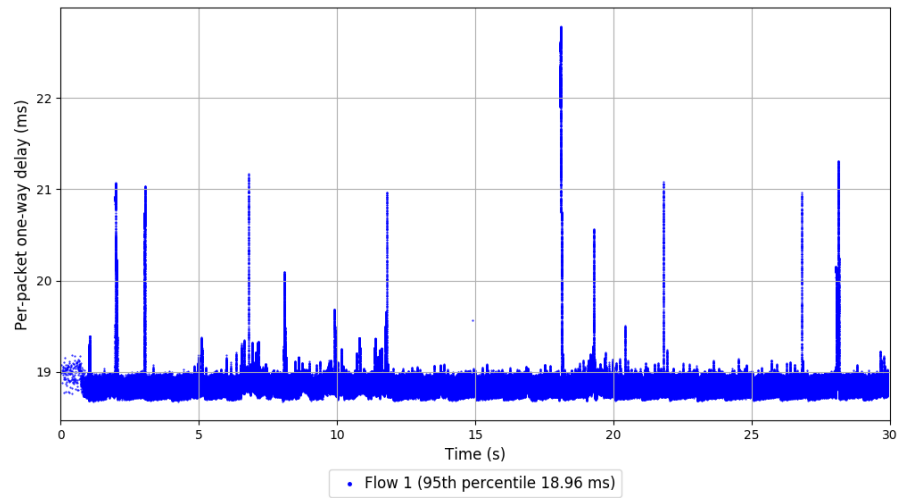
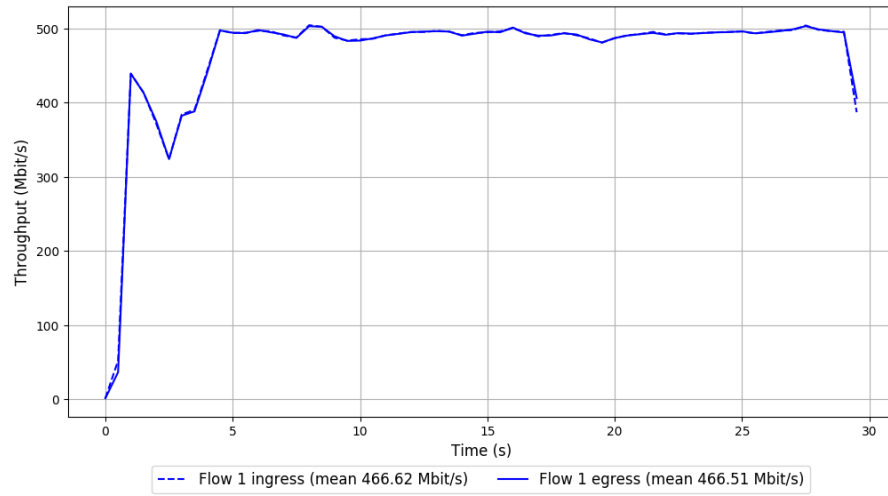
-- Flow 1:

Average throughput: 466.51 Mbit/s

95th percentile per-packet one-way delay: 18.959 ms

Loss rate: 0.03%

Run 2: Report of Vivace-LTE — Data Link



Run 3: Statistics of Vivace-LTE

Start at: 2018-03-13 06:25:18

End at: 2018-03-13 06:25:48

Local clock offset: 1.246 ms

Remote clock offset: -5.761 ms

Below is generated by plot.py at 2018-03-13 13:57:26

Datalink statistics

-- Total of 1 flow:

Average throughput: 471.50 Mbit/s

95th percentile per-packet one-way delay: 18.854 ms

Loss rate: 0.00%

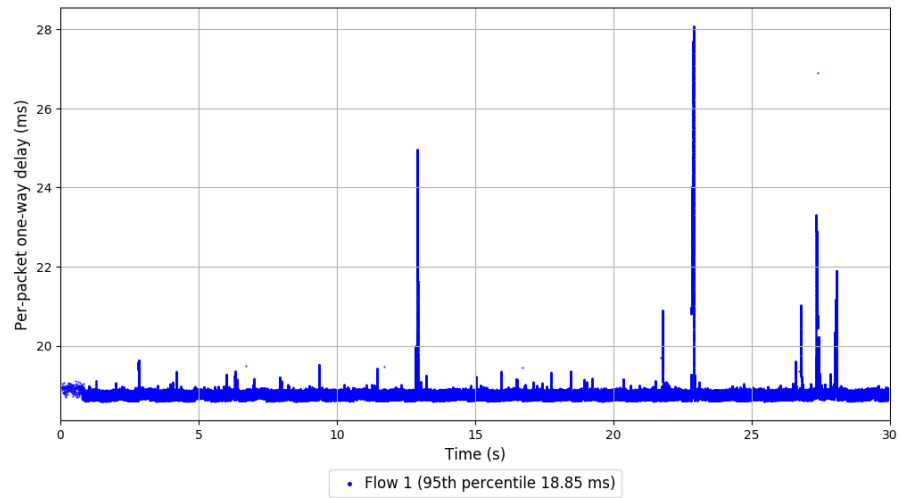
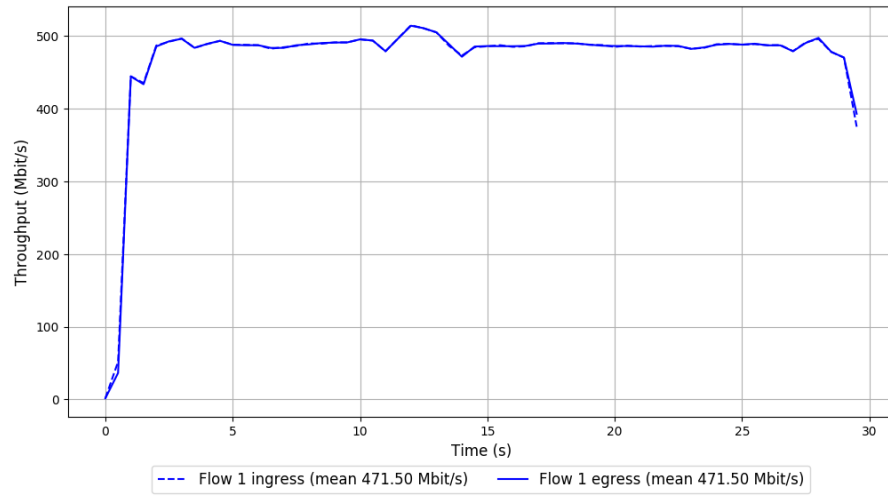
-- Flow 1:

Average throughput: 471.50 Mbit/s

95th percentile per-packet one-way delay: 18.854 ms

Loss rate: 0.00%

Run 3: Report of Vivace-LTE — Data Link



Run 4: Statistics of Vivace-LTE

Start at: 2018-03-13 06:53:04

End at: 2018-03-13 06:53:34

Local clock offset: 1.136 ms

Remote clock offset: -5.852 ms

Below is generated by plot.py at 2018-03-13 13:57:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 468.36 Mbit/s

95th percentile per-packet one-way delay: 19.450 ms

Loss rate: 0.01%

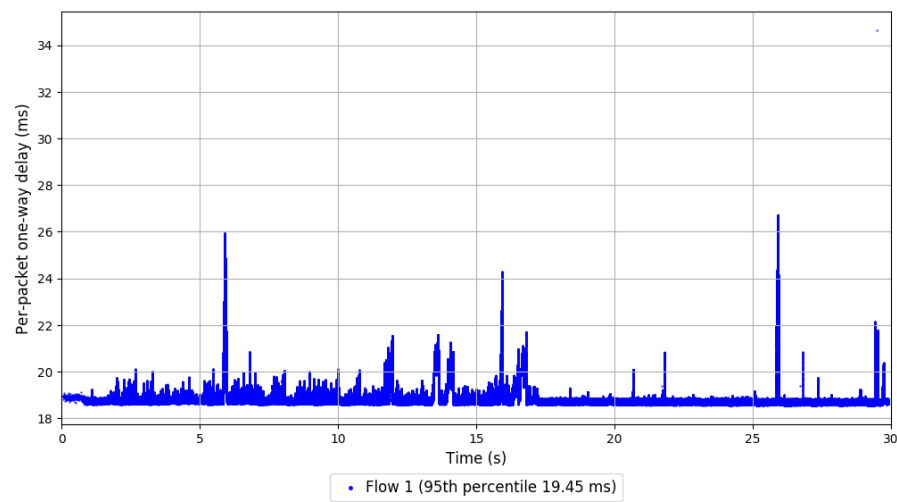
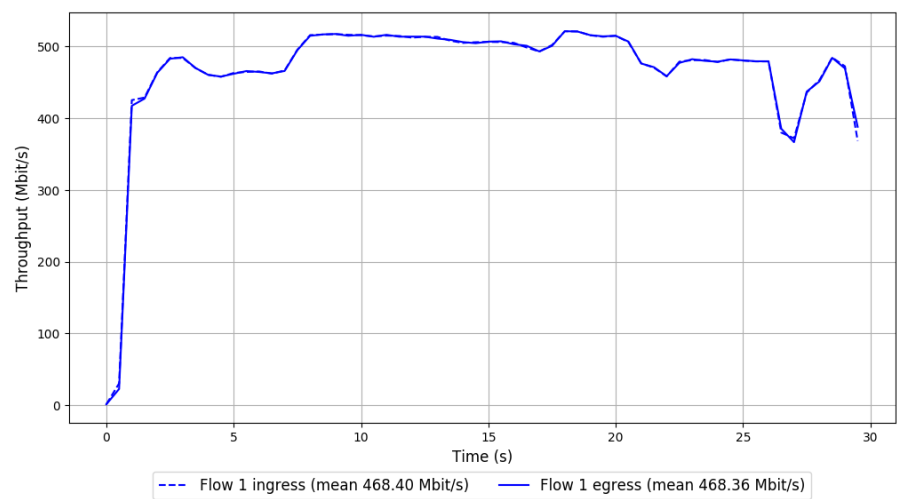
-- Flow 1:

Average throughput: 468.36 Mbit/s

95th percentile per-packet one-way delay: 19.450 ms

Loss rate: 0.01%

Run 4: Report of Vivace-LTE — Data Link



Run 5: Statistics of Vivace-LTE

Start at: 2018-03-13 07:20:36

End at: 2018-03-13 07:21:06

Local clock offset: 1.048 ms

Remote clock offset: -4.661 ms

Below is generated by plot.py at 2018-03-13 13:59:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 447.21 Mbit/s

95th percentile per-packet one-way delay: 21.481 ms

Loss rate: 0.00%

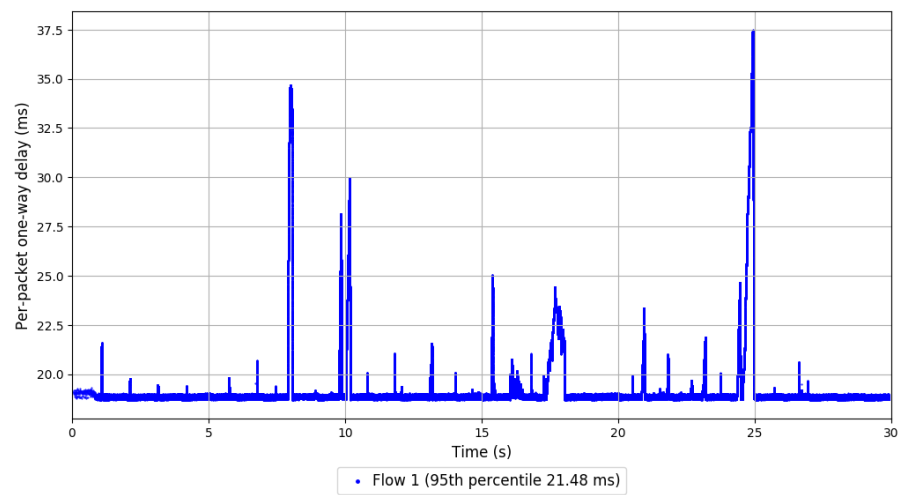
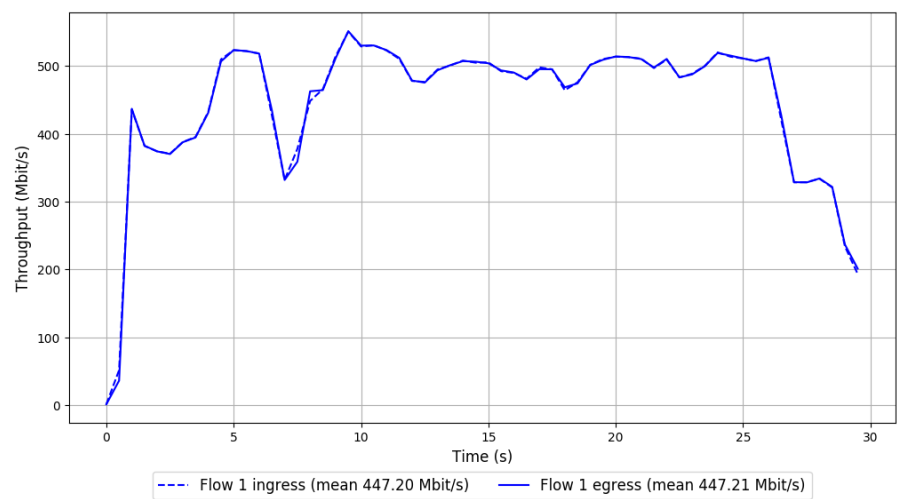
-- Flow 1:

Average throughput: 447.21 Mbit/s

95th percentile per-packet one-way delay: 21.481 ms

Loss rate: 0.00%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-03-13 07:48:15

End at: 2018-03-13 07:48:45

Local clock offset: 1.085 ms

Remote clock offset: -6.065 ms

Below is generated by plot.py at 2018-03-13 14:00:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 503.42 Mbit/s

95th percentile per-packet one-way delay: 31.672 ms

Loss rate: 0.00%

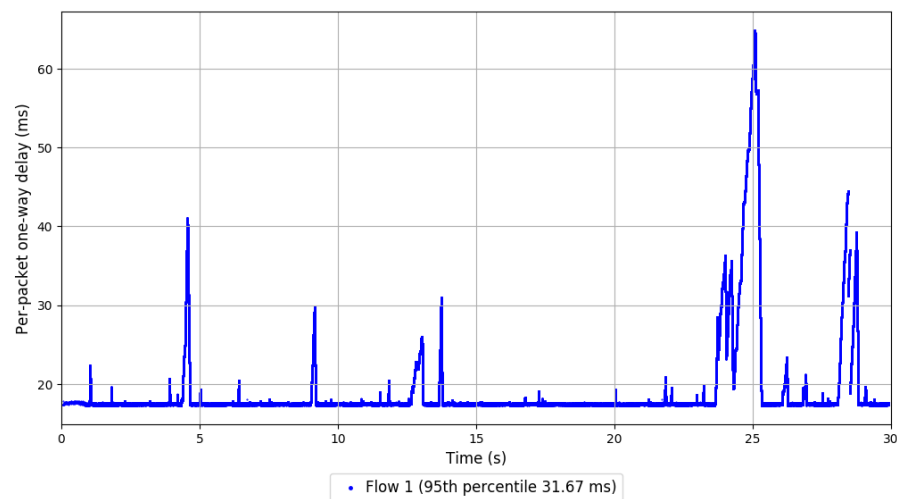
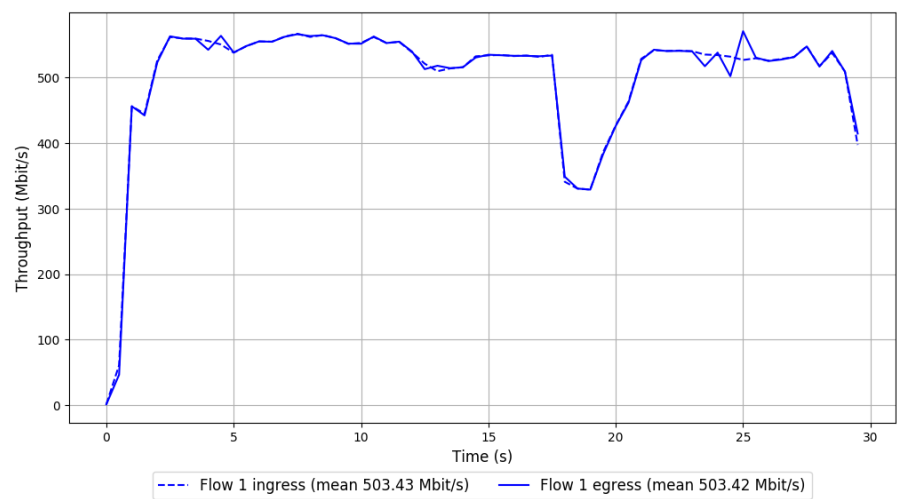
-- Flow 1:

Average throughput: 503.42 Mbit/s

95th percentile per-packet one-way delay: 31.672 ms

Loss rate: 0.00%

Run 6: Report of Vivace-LTE — Data Link

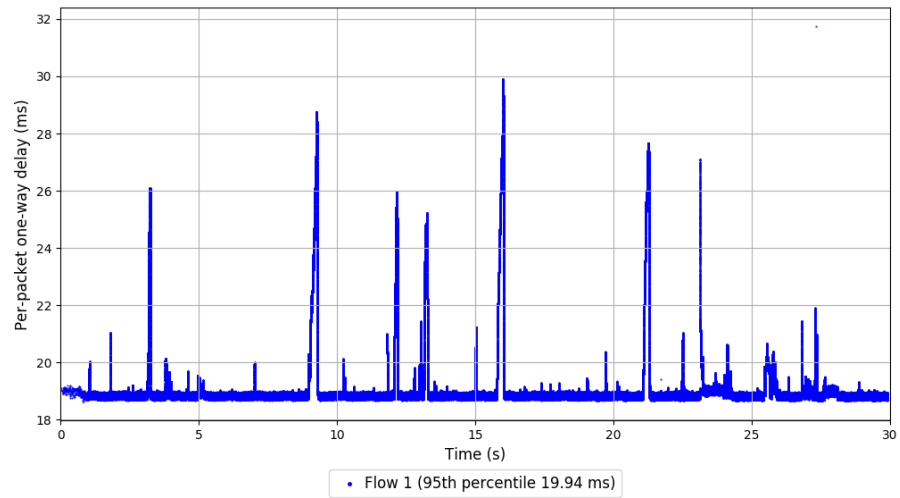
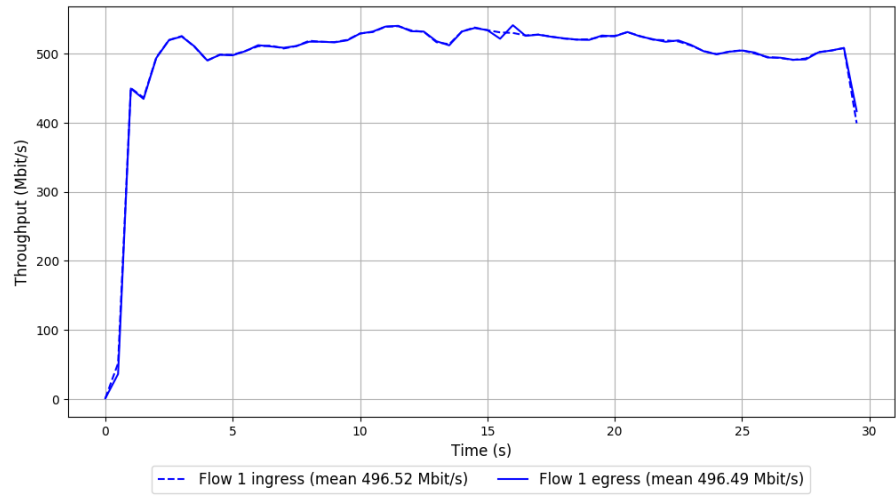


Run 7: Statistics of Vivace-LTE

Start at: 2018-03-13 08:15:46
End at: 2018-03-13 08:16:16
Local clock offset: 0.581 ms
Remote clock offset: -5.063 ms

Below is generated by plot.py at 2018-03-13 14:00:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 496.49 Mbit/s
95th percentile per-packet one-way delay: 19.941 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 496.49 Mbit/s
95th percentile per-packet one-way delay: 19.941 ms
Loss rate: 0.01%

Run 7: Report of Vivace-LTE — Data Link

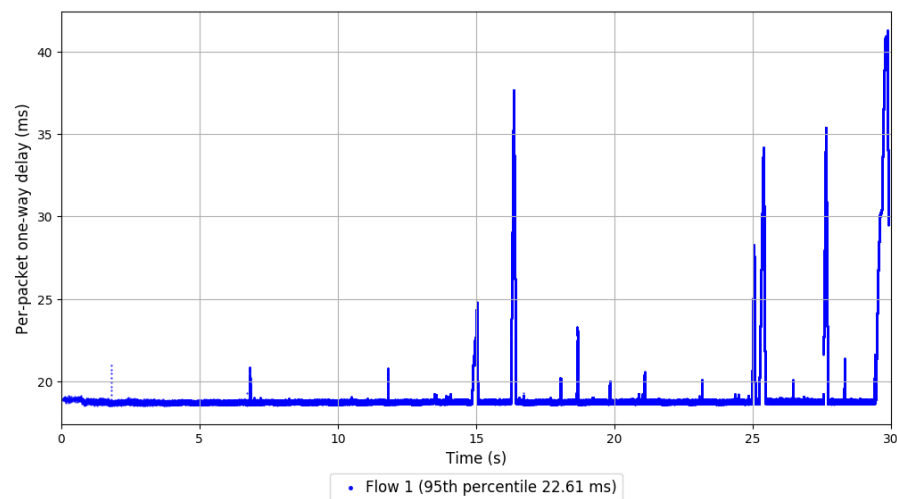
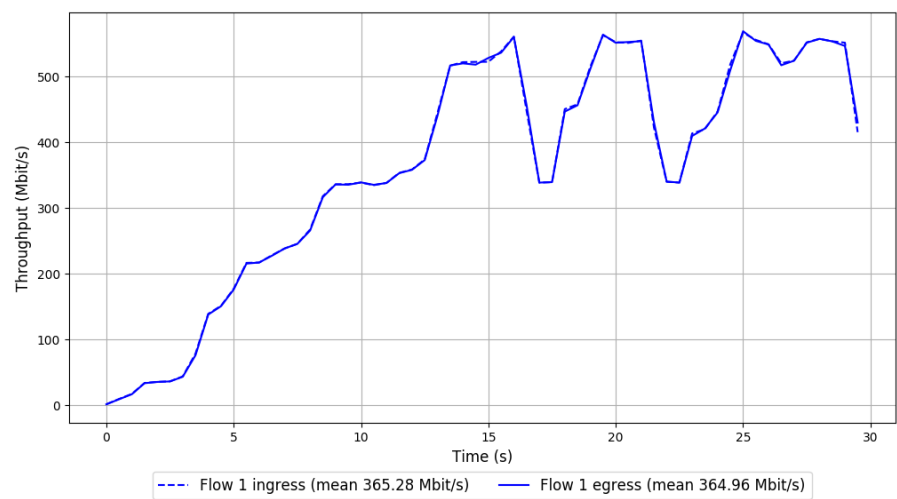


Run 8: Statistics of Vivace-LTE

Start at: 2018-03-13 08:43:31
End at: 2018-03-13 08:44:01
Local clock offset: 0.915 ms
Remote clock offset: -5.712 ms

Below is generated by plot.py at 2018-03-13 14:00:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 364.96 Mbit/s
95th percentile per-packet one-way delay: 22.606 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 364.96 Mbit/s
95th percentile per-packet one-way delay: 22.606 ms
Loss rate: 0.09%

Run 8: Report of Vivace-LTE — Data Link

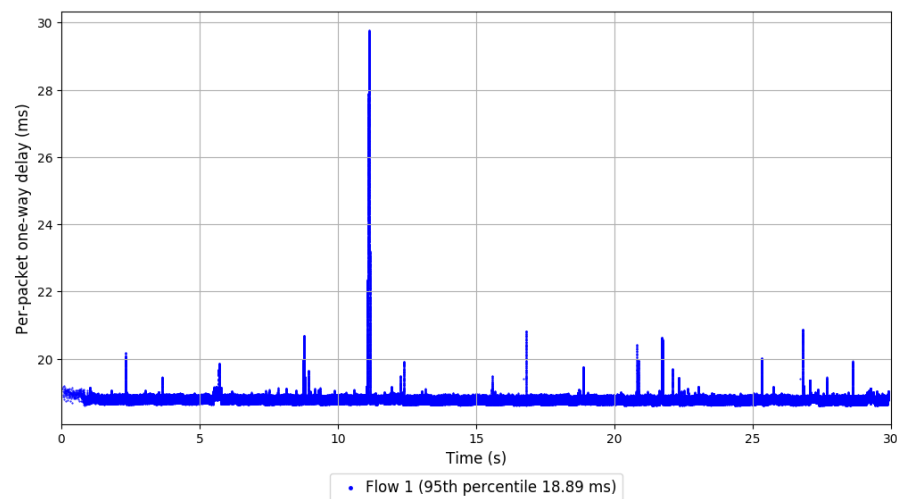
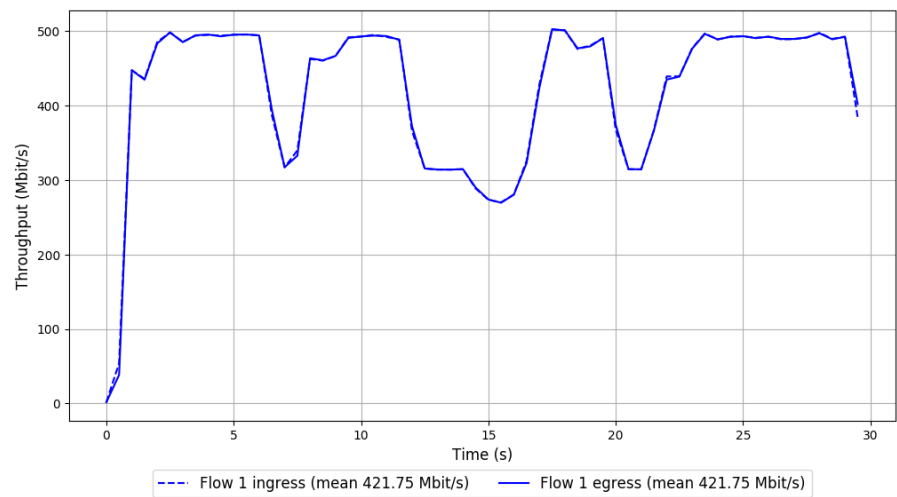


Run 9: Statistics of Vivace-LTE

Start at: 2018-03-13 09:10:57
End at: 2018-03-13 09:11:27
Local clock offset: 0.942 ms
Remote clock offset: -5.779 ms

Below is generated by plot.py at 2018-03-13 14:00:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 421.75 Mbit/s
95th percentile per-packet one-way delay: 18.885 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 421.75 Mbit/s
95th percentile per-packet one-way delay: 18.885 ms
Loss rate: 0.01%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-03-13 09:38:42

End at: 2018-03-13 09:39:12

Local clock offset: 1.089 ms

Remote clock offset: -5.068 ms

Below is generated by plot.py at 2018-03-13 14:00:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 451.00 Mbit/s

95th percentile per-packet one-way delay: 18.931 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 451.00 Mbit/s

95th percentile per-packet one-way delay: 18.931 ms

Loss rate: 0.01%

Run 10: Report of Vivace-LTE — Data Link

