

Pantheon Report

Generated at 2018-02-20 09:42:38 (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).

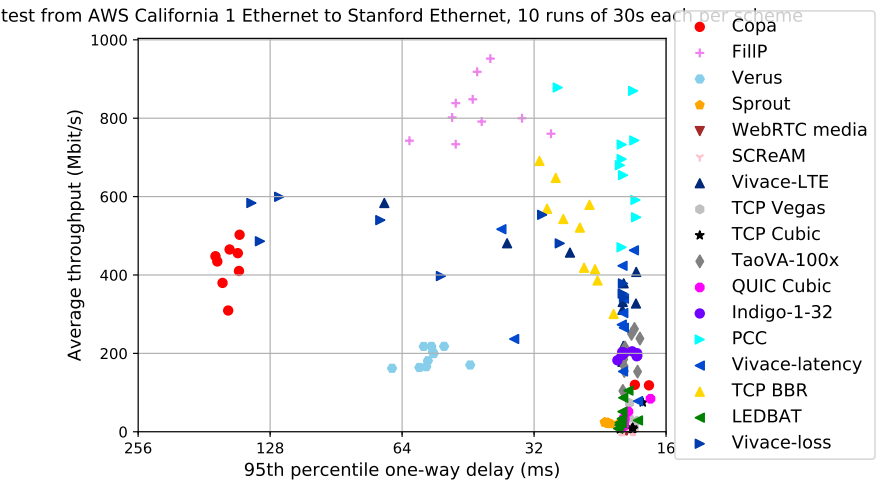
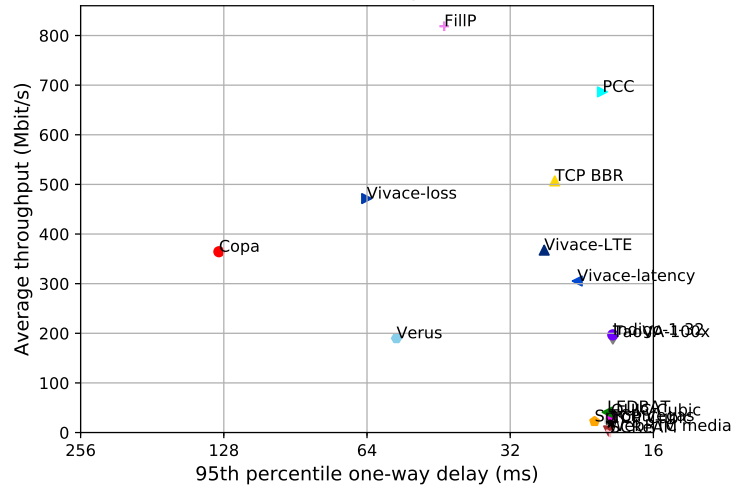
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

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	507.09	25.79	4.80
TCP Cubic	10	19.05	19.63	1.05
LEDBAT	10	40.93	20.02	0.59
PCC	10	686.41	20.47	1.90
QUIC Cubic	10	34.46	19.65	0.58
SCReAM	10	0.14	19.74	0.71
WebRTC media	10	3.22	19.87	1.49
Sprout	10	22.49	21.27	5.36
TaoVA-100x	10	192.38	19.47	0.78
TCP Vegas	10	23.43	19.79	0.77
Verus	10	190.02	55.50	25.47
Copa	10	364.34	131.08	25.87
FillP	10	818.73	44.05	9.40
Indigo-1-32	10	196.87	19.48	1.41
Vivace-latency	10	305.32	23.14	0.84
Vivace-loss	10	471.44	64.10	2.14
Vivace-LTE	10	367.61	27.14	1.33

Run 1: Statistics of TCP BBR

Start at: 2018-02-20 01:46:06

End at: 2018-02-20 01:46:36

Local clock offset: 1.541 ms

Remote clock offset: -3.977 ms

Below is generated by plot.py at 2018-02-20 08:18:46

Datalink statistics

-- Total of 1 flow:

Average throughput: 300.62 Mbit/s

95th percentile per-packet one-way delay: 21.072 ms

Loss rate: 8.38%

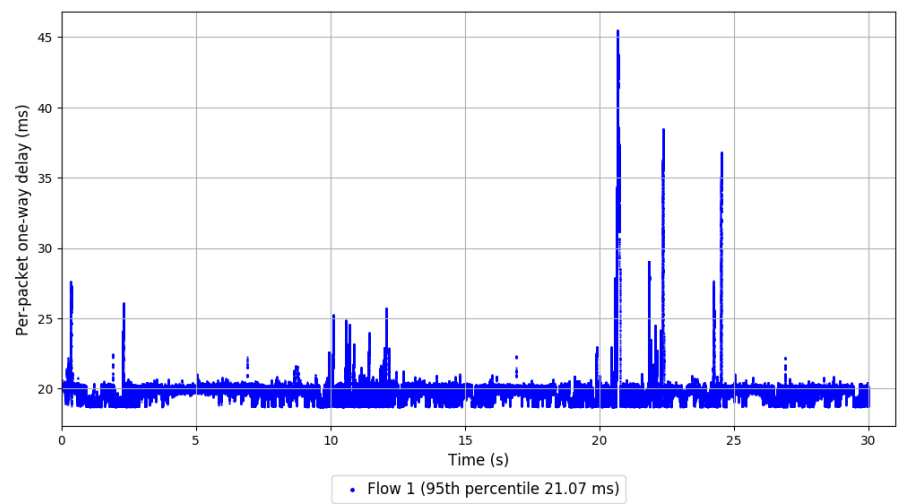
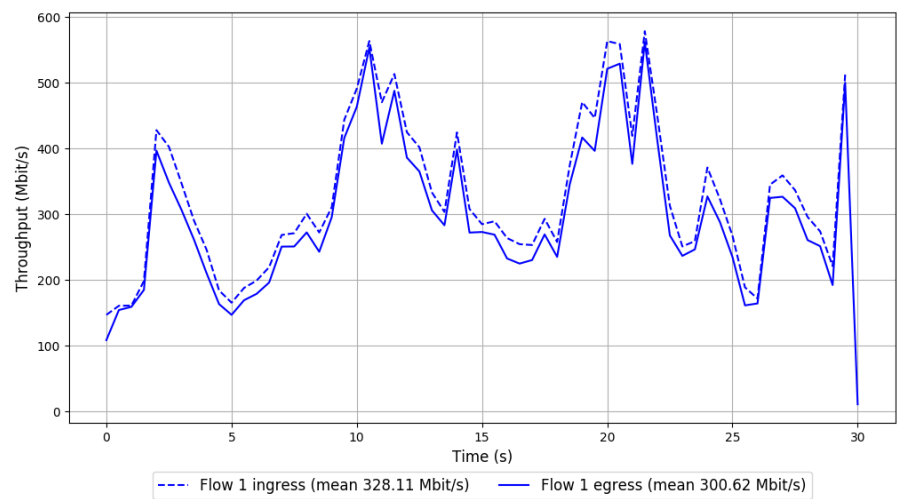
-- Flow 1:

Average throughput: 300.62 Mbit/s

95th percentile per-packet one-way delay: 21.072 ms

Loss rate: 8.38%

Run 1: Report of TCP BBR — Data Link

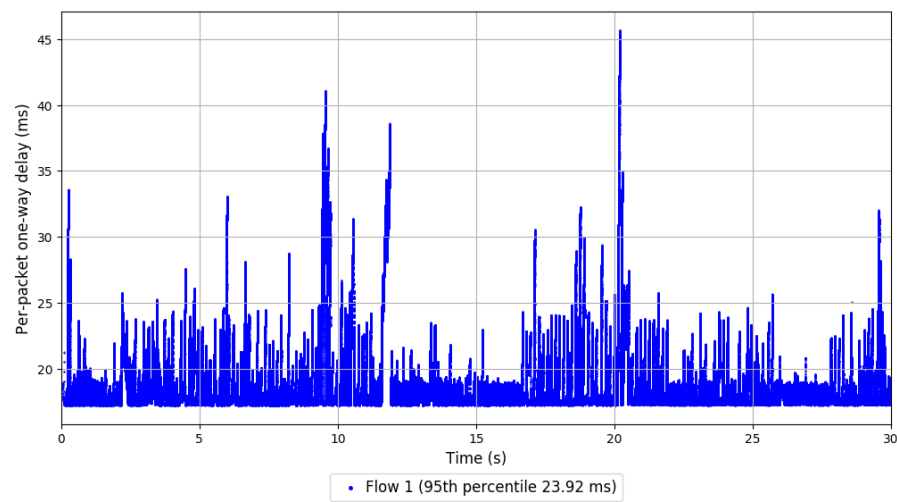
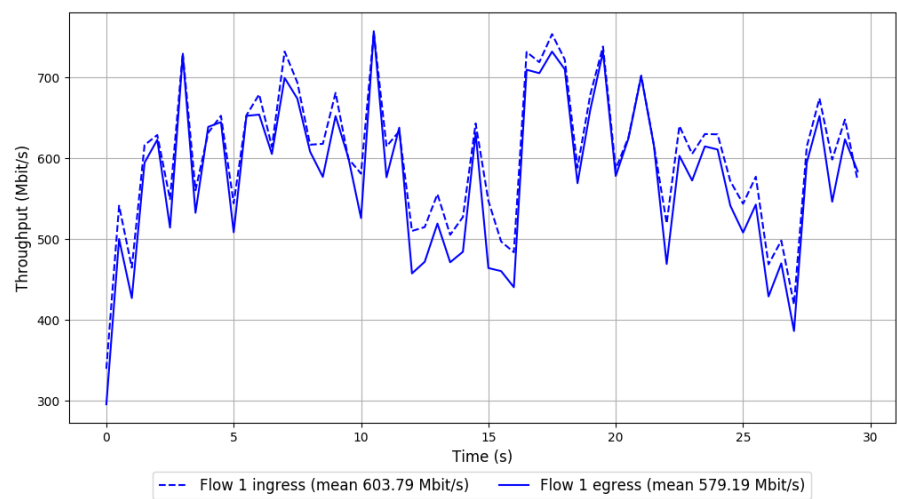


Run 2: Statistics of TCP BBR

Start at: 2018-02-20 02:12:36
End at: 2018-02-20 02:13:06
Local clock offset: 1.199 ms
Remote clock offset: -4.803 ms

Below is generated by plot.py at 2018-02-20 08:23:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 579.19 Mbit/s
95th percentile per-packet one-way delay: 23.917 ms
Loss rate: 4.08%
-- Flow 1:
Average throughput: 579.19 Mbit/s
95th percentile per-packet one-way delay: 23.917 ms
Loss rate: 4.08%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-02-20 02:38:56

End at: 2018-02-20 02:39:26

Local clock offset: 0.603 ms

Remote clock offset: -5.755 ms

Below is generated by plot.py at 2018-02-20 08:23:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 386.04 Mbit/s

95th percentile per-packet one-way delay: 22.932 ms

Loss rate: 7.25%

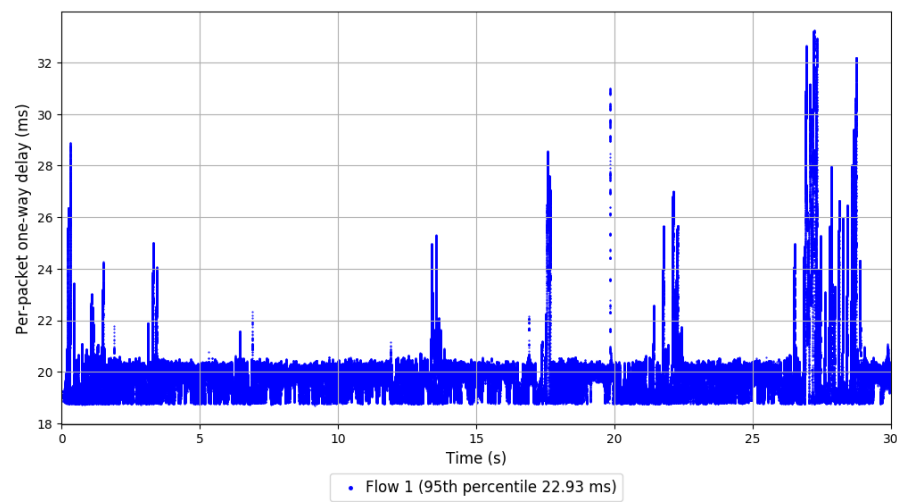
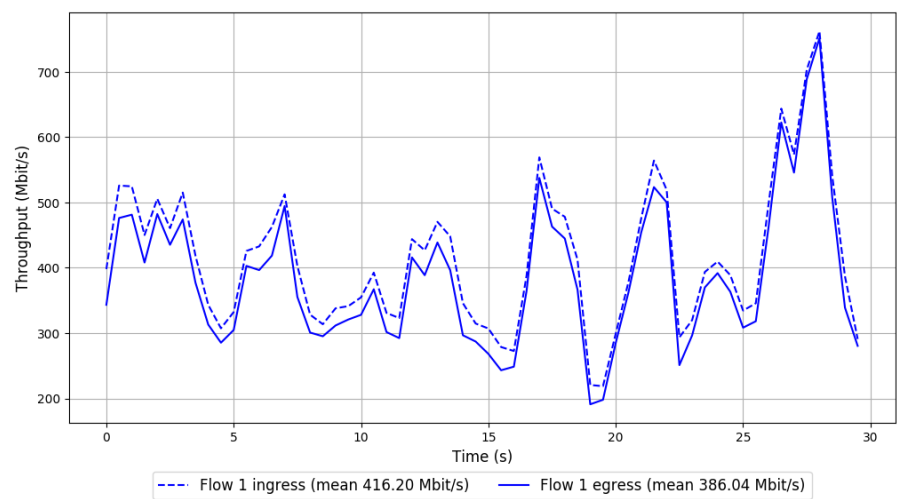
-- Flow 1:

Average throughput: 386.04 Mbit/s

95th percentile per-packet one-way delay: 22.932 ms

Loss rate: 7.25%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-02-20 03:05:34

End at: 2018-02-20 03:06:04

Local clock offset: 0.473 ms

Remote clock offset: -6.633 ms

Below is generated by plot.py at 2018-02-20 08:23:27

Datalink statistics

-- Total of 1 flow:

Average throughput: 414.74 Mbit/s

95th percentile per-packet one-way delay: 23.238 ms

Loss rate: 6.59%

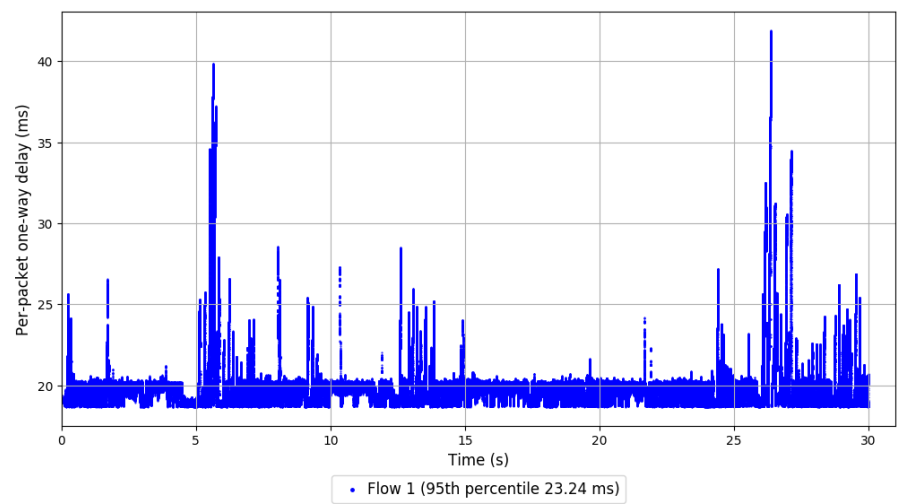
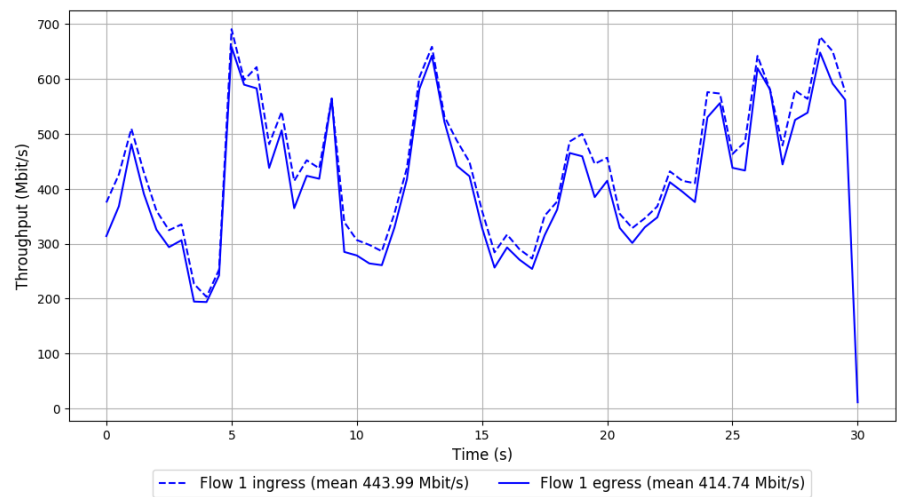
-- Flow 1:

Average throughput: 414.74 Mbit/s

95th percentile per-packet one-way delay: 23.238 ms

Loss rate: 6.59%

Run 4: Report of TCP BBR — Data Link

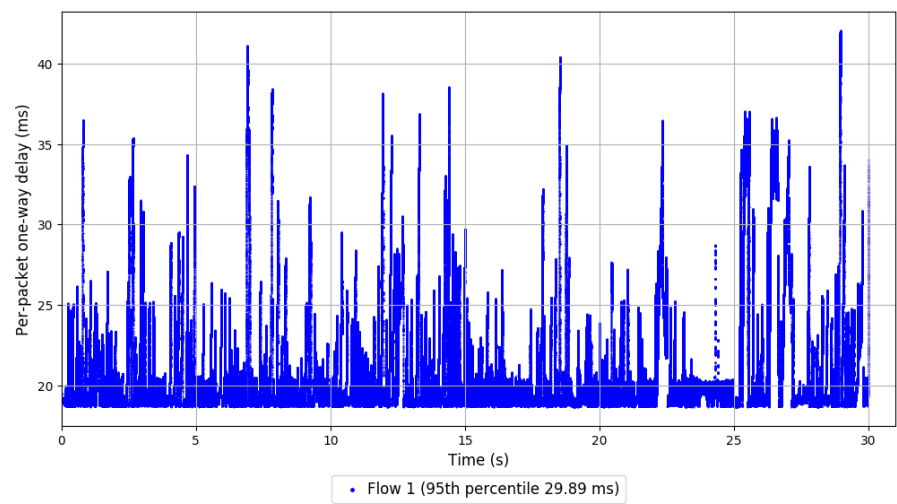
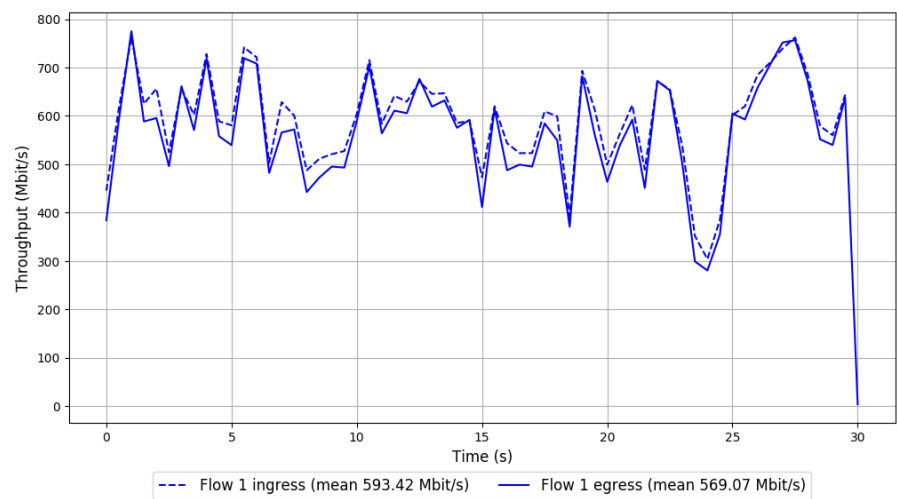


Run 5: Statistics of TCP BBR

Start at: 2018-02-20 03:32:21
End at: 2018-02-20 03:32:51
Local clock offset: 0.326 ms
Remote clock offset: -5.364 ms

Below is generated by plot.py at 2018-02-20 08:23:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 569.07 Mbit/s
95th percentile per-packet one-way delay: 29.890 ms
Loss rate: 4.11%
-- Flow 1:
Average throughput: 569.07 Mbit/s
95th percentile per-packet one-way delay: 29.890 ms
Loss rate: 4.11%

Run 5: Report of TCP BBR — Data Link

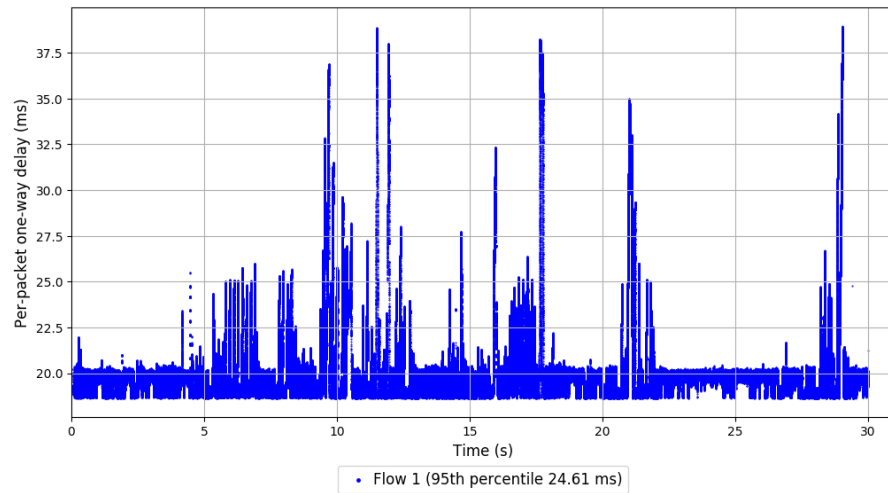
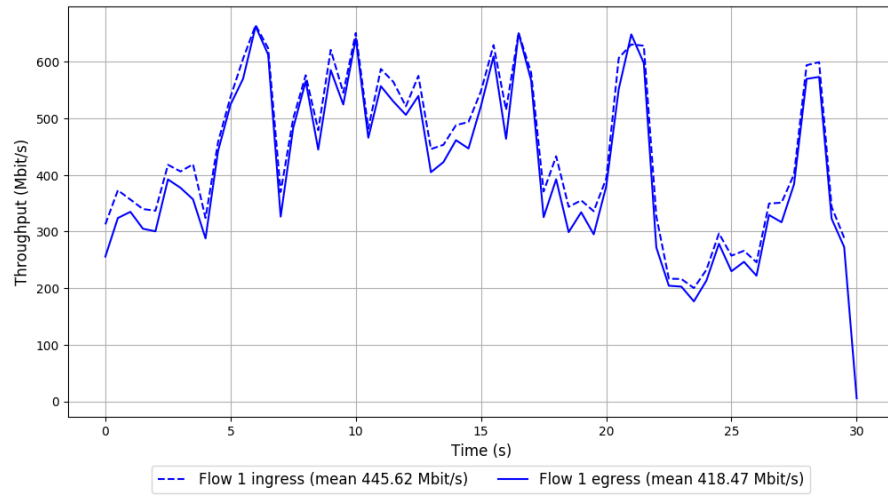


Run 6: Statistics of TCP BBR

Start at: 2018-02-20 03:59:00
End at: 2018-02-20 03:59:30
Local clock offset: 0.113 ms
Remote clock offset: -5.065 ms

Below is generated by plot.py at 2018-02-20 08:23:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 418.47 Mbit/s
95th percentile per-packet one-way delay: 24.611 ms
Loss rate: 6.09%
-- Flow 1:
Average throughput: 418.47 Mbit/s
95th percentile per-packet one-way delay: 24.611 ms
Loss rate: 6.09%

Run 6: Report of TCP BBR — Data Link

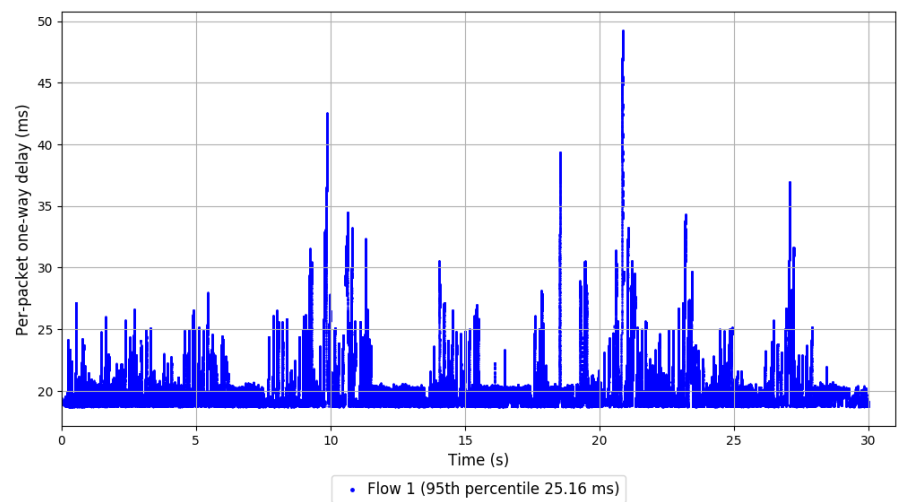
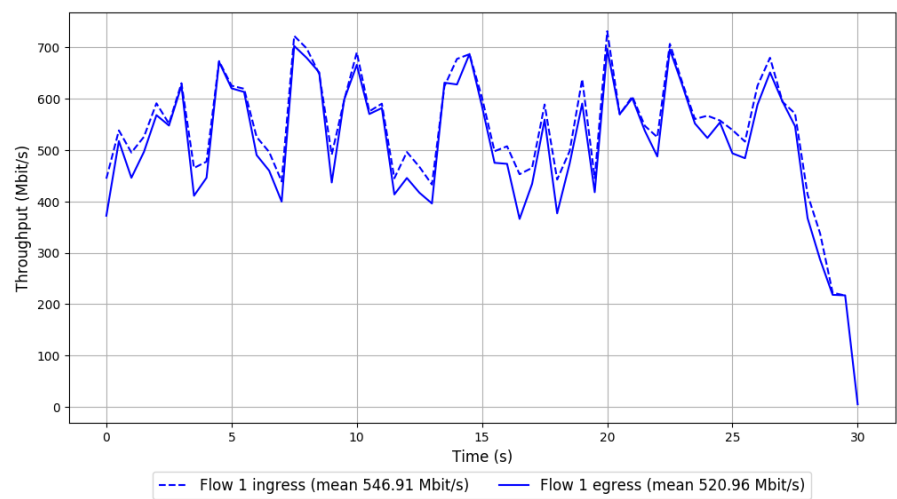


Run 7: Statistics of TCP BBR

Start at: 2018-02-20 04:25:34
End at: 2018-02-20 04:26:04
Local clock offset: 1.491 ms
Remote clock offset: -4.815 ms

Below is generated by plot.py at 2018-02-20 08:23:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 520.96 Mbit/s
95th percentile per-packet one-way delay: 25.161 ms
Loss rate: 4.75%
-- Flow 1:
Average throughput: 520.96 Mbit/s
95th percentile per-packet one-way delay: 25.161 ms
Loss rate: 4.75%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-02-20 04:52:00

End at: 2018-02-20 04:52:30

Local clock offset: 1.735 ms

Remote clock offset: -4.626 ms

Below is generated by plot.py at 2018-02-20 08:24:42

Datalink statistics

-- Total of 1 flow:

Average throughput: 691.12 Mbit/s

95th percentile per-packet one-way delay: 31.107 ms

Loss rate: 1.11%

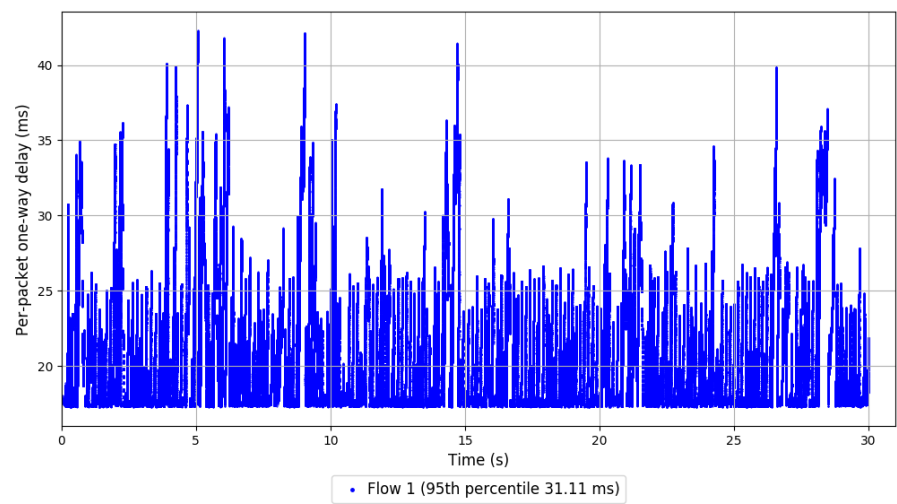
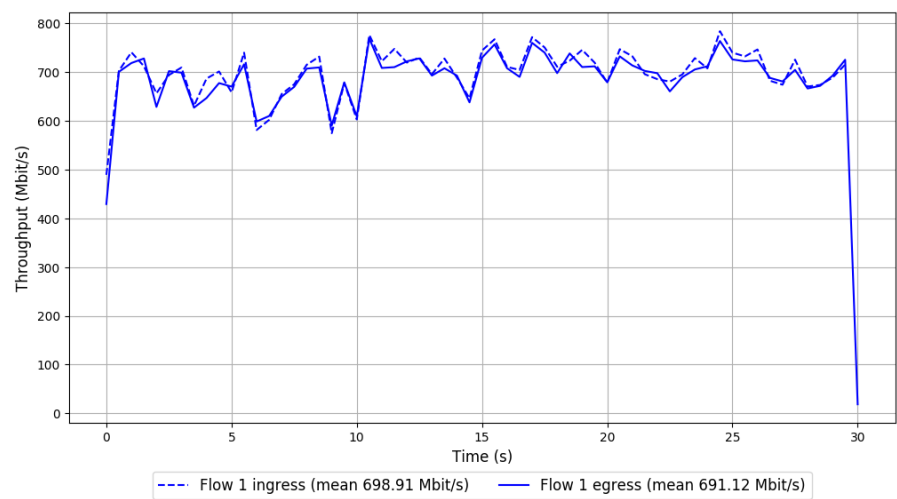
-- Flow 1:

Average throughput: 691.12 Mbit/s

95th percentile per-packet one-way delay: 31.107 ms

Loss rate: 1.11%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-02-20 05:19:08

End at: 2018-02-20 05:19:38

Local clock offset: 2.252 ms

Remote clock offset: -6.396 ms

Below is generated by plot.py at 2018-02-20 08:28:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 647.78 Mbit/s

95th percentile per-packet one-way delay: 28.558 ms

Loss rate: 1.83%

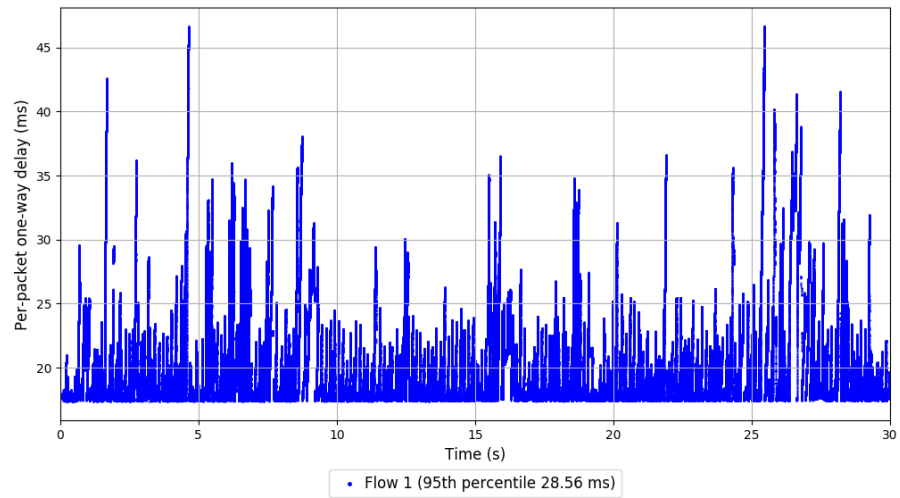
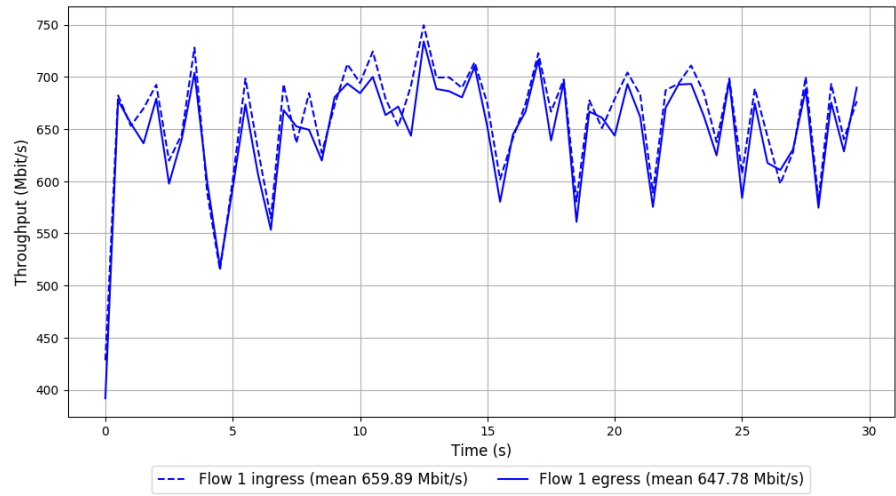
-- Flow 1:

Average throughput: 647.78 Mbit/s

95th percentile per-packet one-way delay: 28.558 ms

Loss rate: 1.83%

Run 9: Report of TCP BBR — Data Link

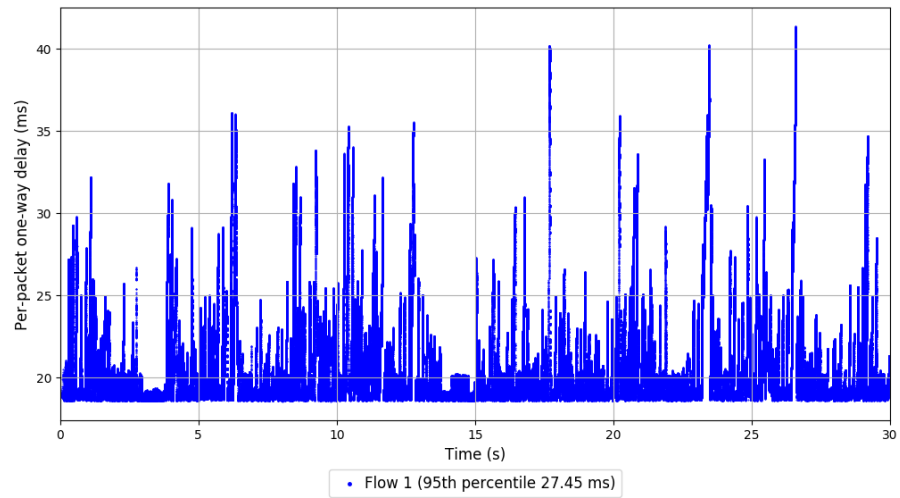
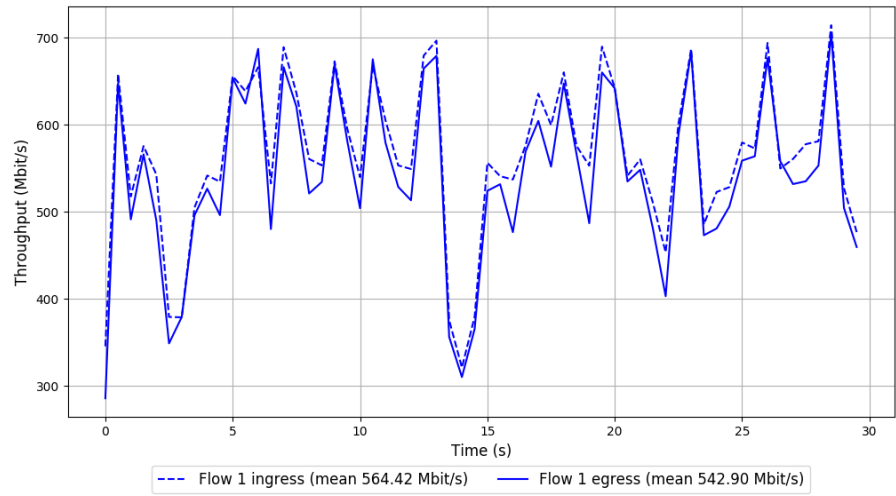


Run 10: Statistics of TCP BBR

Start at: 2018-02-20 05:46:30
End at: 2018-02-20 05:47:00
Local clock offset: 3.461 ms
Remote clock offset: -6.308 ms

Below is generated by plot.py at 2018-02-20 08:28:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 542.90 Mbit/s
95th percentile per-packet one-way delay: 27.446 ms
Loss rate: 3.81%
-- Flow 1:
Average throughput: 542.90 Mbit/s
95th percentile per-packet one-way delay: 27.446 ms
Loss rate: 3.81%

Run 10: Report of TCP BBR — Data Link

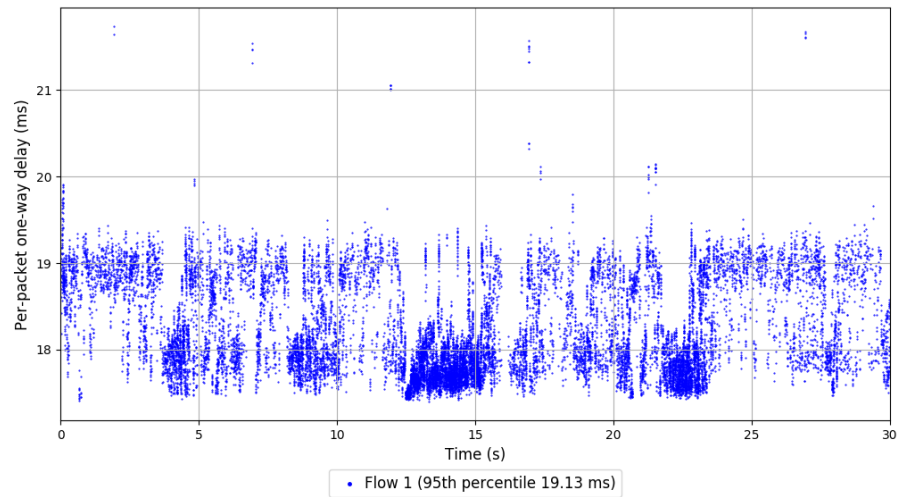
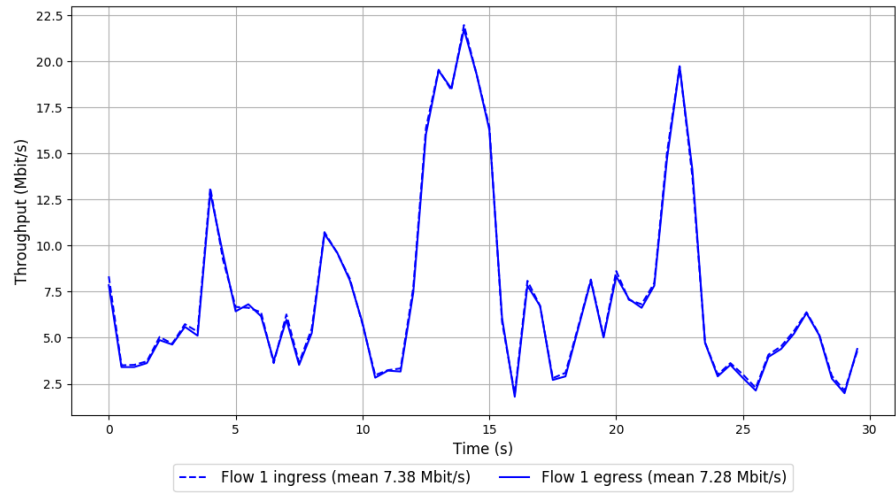


Run 1: Statistics of TCP Cubic

Start at: 2018-02-20 02:07:46
End at: 2018-02-20 02:08:16
Local clock offset: 1.17 ms
Remote clock offset: -4.234 ms

Below is generated by plot.py at 2018-02-20 08:28:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.28 Mbit/s
95th percentile per-packet one-way delay: 19.127 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 7.28 Mbit/s
95th percentile per-packet one-way delay: 19.127 ms
Loss rate: 1.35%

Run 1: Report of TCP Cubic — Data Link

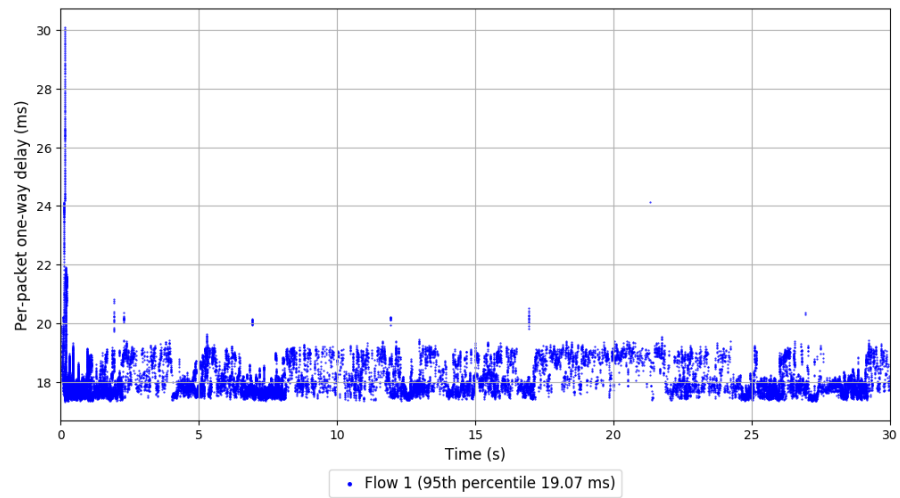
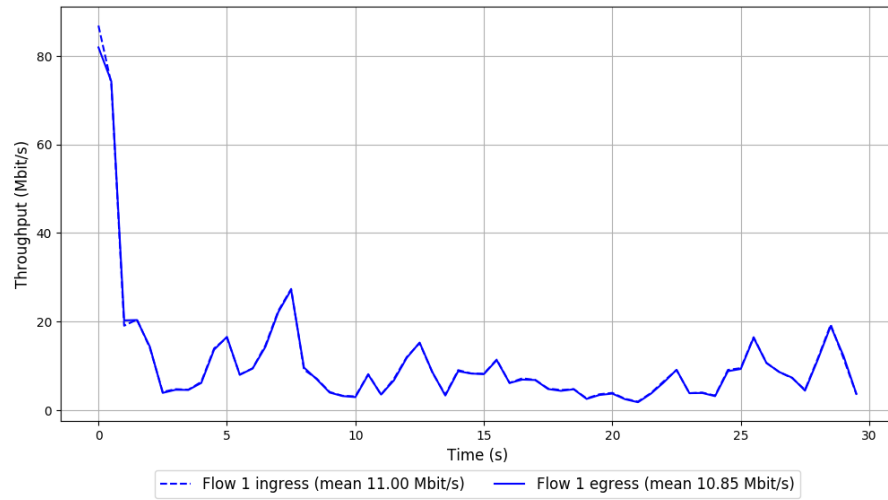


Run 2: Statistics of TCP Cubic

Start at: 2018-02-20 02:34:15
End at: 2018-02-20 02:34:45
Local clock offset: 0.692 ms
Remote clock offset: -5.658 ms

Below is generated by plot.py at 2018-02-20 08:28:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.85 Mbit/s
95th percentile per-packet one-way delay: 19.074 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 10.85 Mbit/s
95th percentile per-packet one-way delay: 19.074 ms
Loss rate: 1.30%

Run 2: Report of TCP Cubic — Data Link

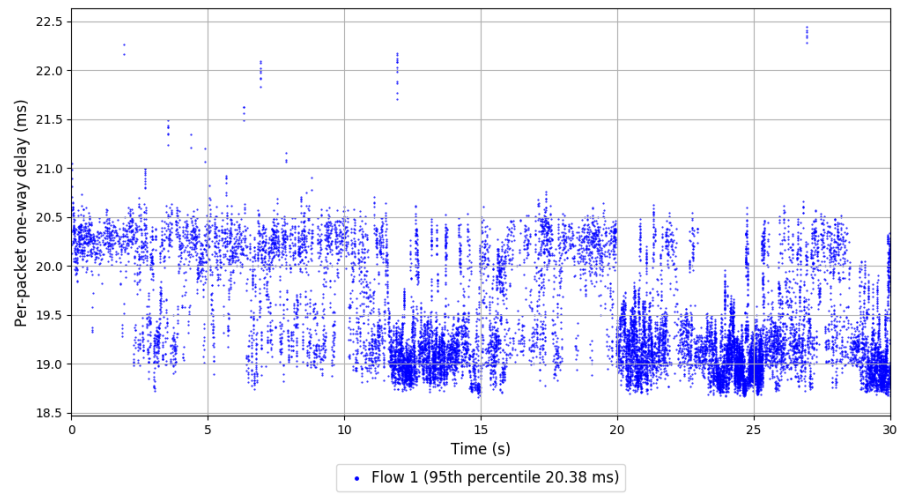
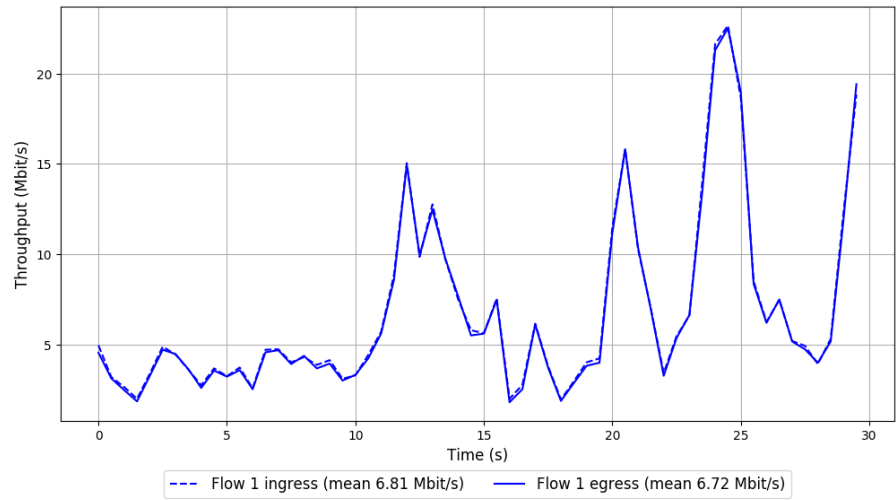


Run 3: Statistics of TCP Cubic

Start at: 2018-02-20 03:00:51
End at: 2018-02-20 03:01:21
Local clock offset: 0.469 ms
Remote clock offset: -6.572 ms

Below is generated by plot.py at 2018-02-20 08:28:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.72 Mbit/s
95th percentile per-packet one-way delay: 20.376 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 6.72 Mbit/s
95th percentile per-packet one-way delay: 20.376 ms
Loss rate: 1.42%

Run 3: Report of TCP Cubic — Data Link

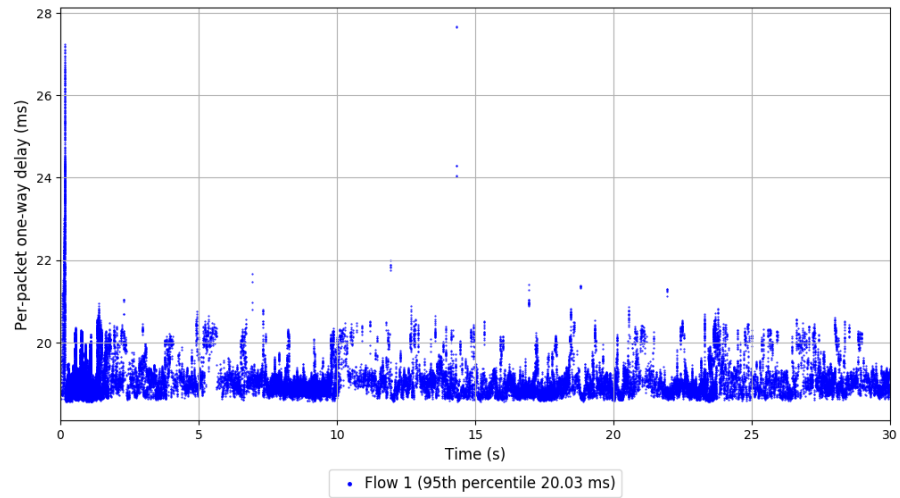
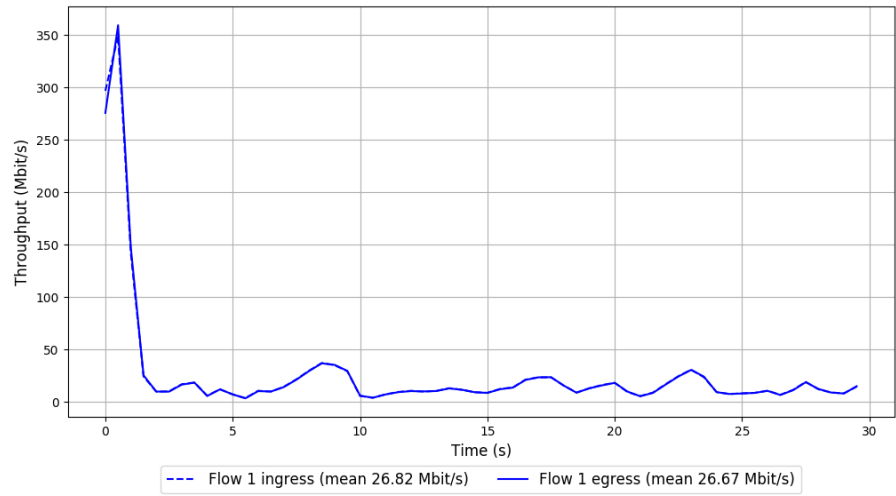


Run 4: Statistics of TCP Cubic

Start at: 2018-02-20 03:27:33
End at: 2018-02-20 03:28:03
Local clock offset: 0.364 ms
Remote clock offset: -5.594 ms

Below is generated by plot.py at 2018-02-20 08:28:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.67 Mbit/s
95th percentile per-packet one-way delay: 20.032 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 26.67 Mbit/s
95th percentile per-packet one-way delay: 20.032 ms
Loss rate: 0.55%

Run 4: Report of TCP Cubic — Data Link

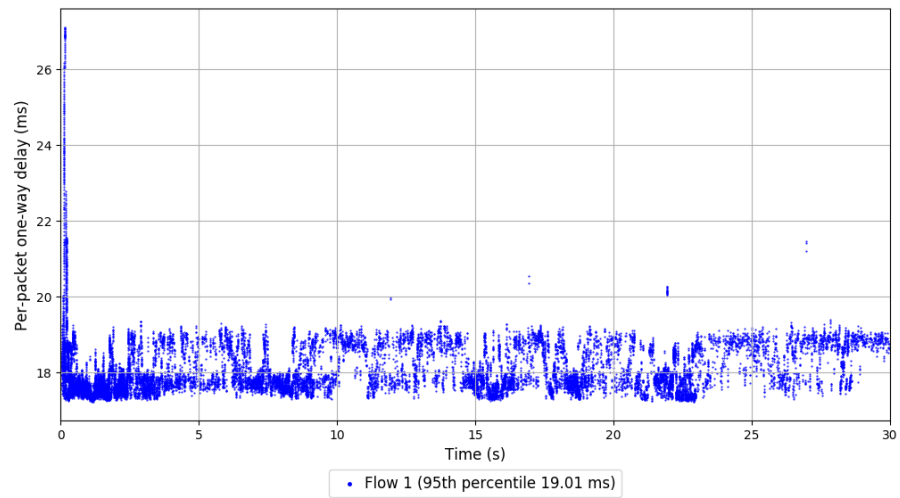
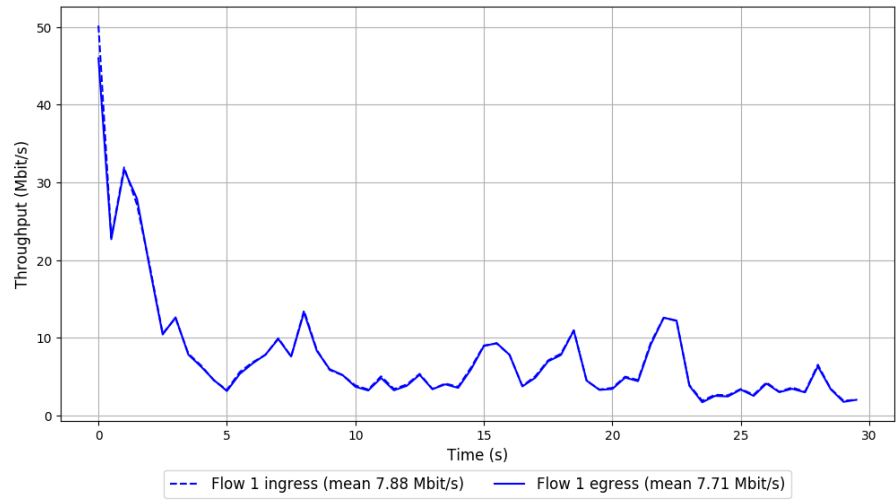


Run 5: Statistics of TCP Cubic

Start at: 2018-02-20 03:54:14
End at: 2018-02-20 03:54:44
Local clock offset: 0.091 ms
Remote clock offset: -5.157 ms

Below is generated by plot.py at 2018-02-20 08:28:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 7.71 Mbit/s
95th percentile per-packet one-way delay: 19.008 ms
Loss rate: 2.04%
-- Flow 1:
Average throughput: 7.71 Mbit/s
95th percentile per-packet one-way delay: 19.008 ms
Loss rate: 2.04%

Run 5: Report of TCP Cubic — Data Link

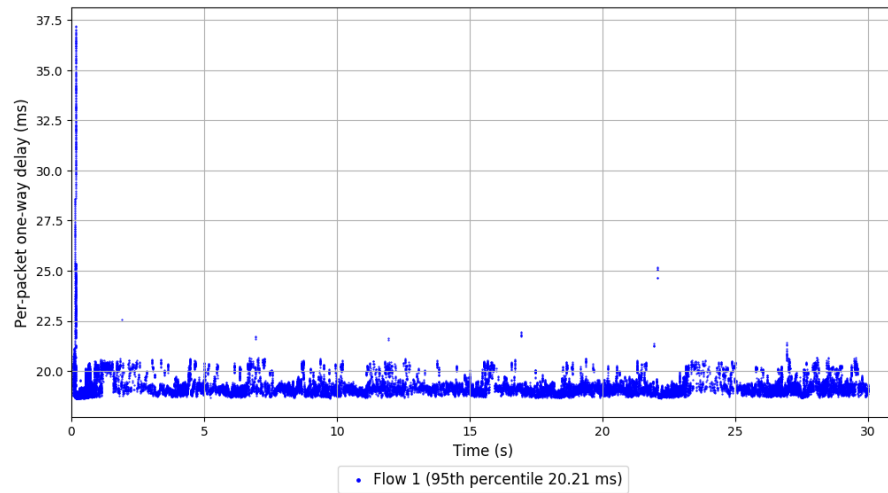
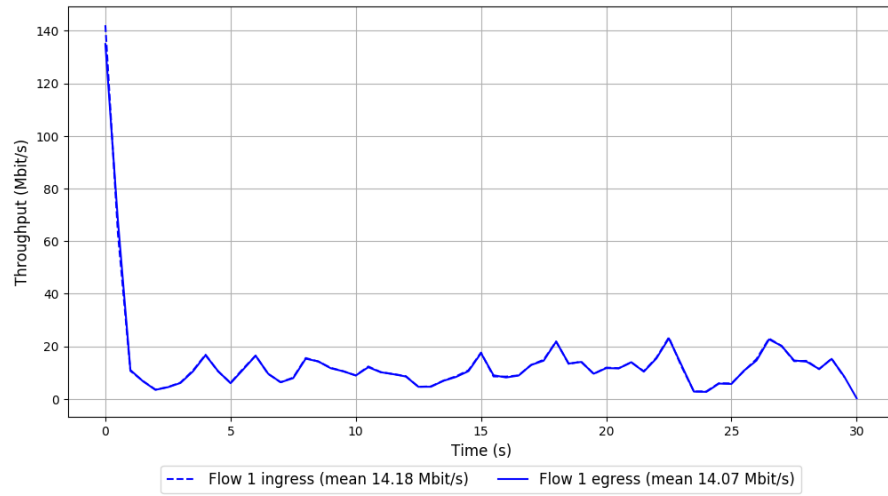


Run 6: Statistics of TCP Cubic

Start at: 2018-02-20 04:20:57
End at: 2018-02-20 04:21:27
Local clock offset: 1.333 ms
Remote clock offset: -4.896 ms

Below is generated by plot.py at 2018-02-20 08:28:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 14.07 Mbit/s
95th percentile per-packet one-way delay: 20.209 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 14.07 Mbit/s
95th percentile per-packet one-way delay: 20.209 ms
Loss rate: 0.80%

Run 6: Report of TCP Cubic — Data Link

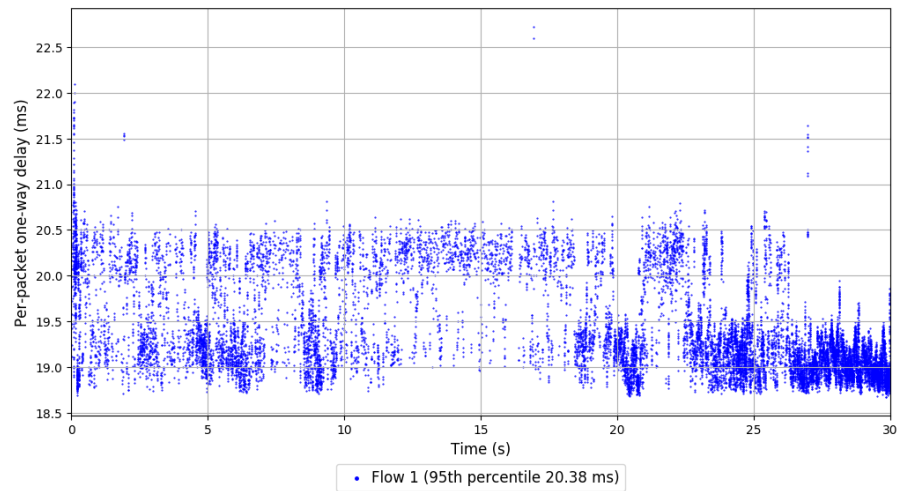
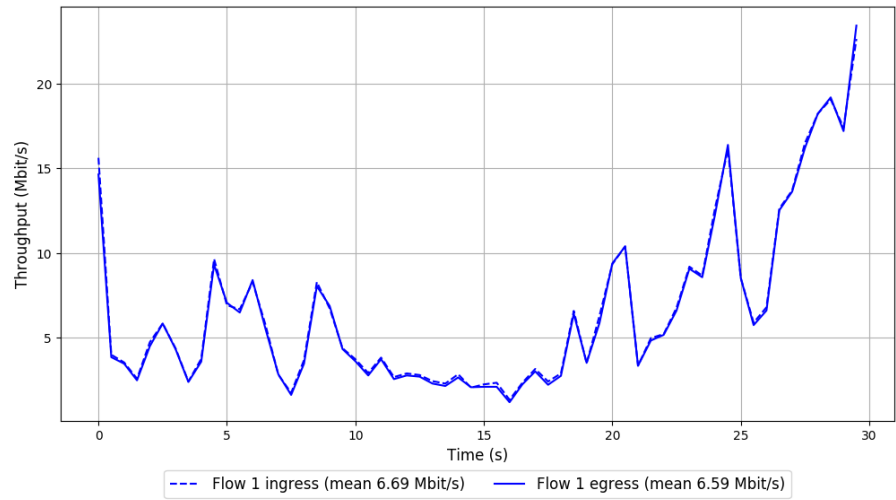


Run 7: Statistics of TCP Cubic

Start at: 2018-02-20 04:47:33
End at: 2018-02-20 04:48:03
Local clock offset: 1.725 ms
Remote clock offset: -4.707 ms

Below is generated by plot.py at 2018-02-20 08:28:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 6.59 Mbit/s
95th percentile per-packet one-way delay: 20.379 ms
Loss rate: 1.57%
-- Flow 1:
Average throughput: 6.59 Mbit/s
95th percentile per-packet one-way delay: 20.379 ms
Loss rate: 1.57%

Run 7: Report of TCP Cubic — Data Link

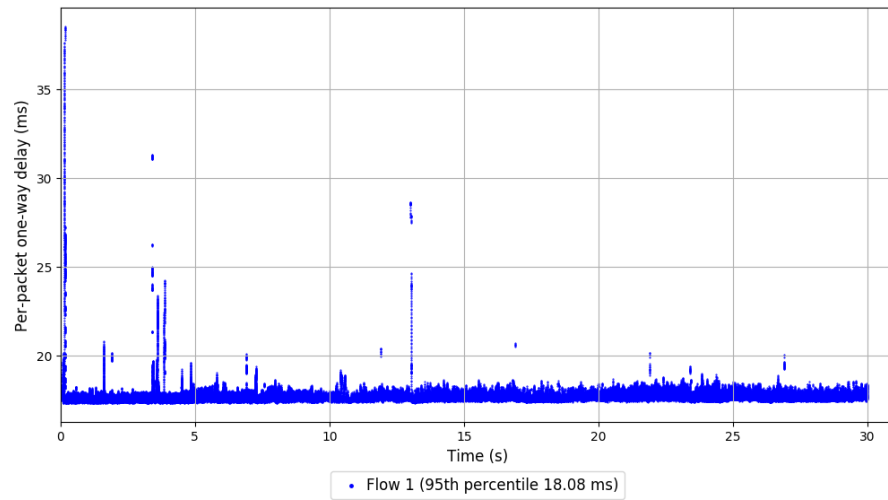
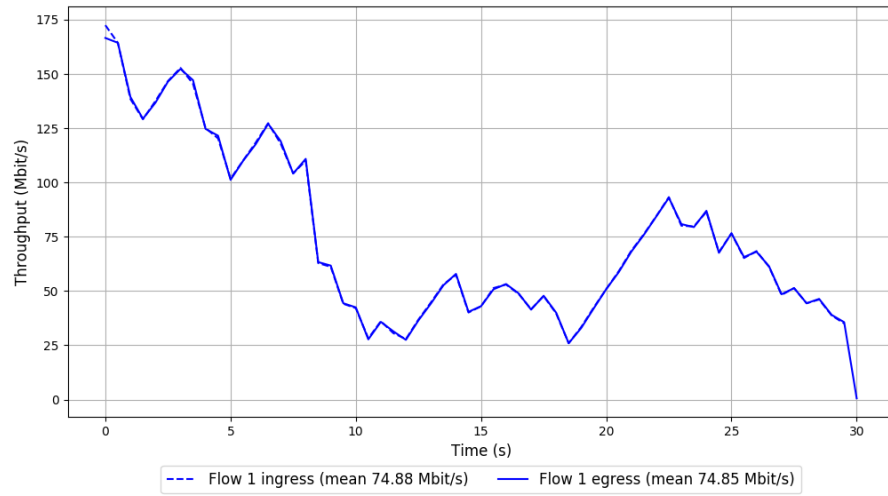


Run 8: Statistics of TCP Cubic

Start at: 2018-02-20 05:14:40
End at: 2018-02-20 05:15:10
Local clock offset: 1.882 ms
Remote clock offset: -6.238 ms

Below is generated by plot.py at 2018-02-20 08:28:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 74.85 Mbit/s
95th percentile per-packet one-way delay: 18.083 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 74.85 Mbit/s
95th percentile per-packet one-way delay: 18.083 ms
Loss rate: 0.04%

Run 8: Report of TCP Cubic — Data Link

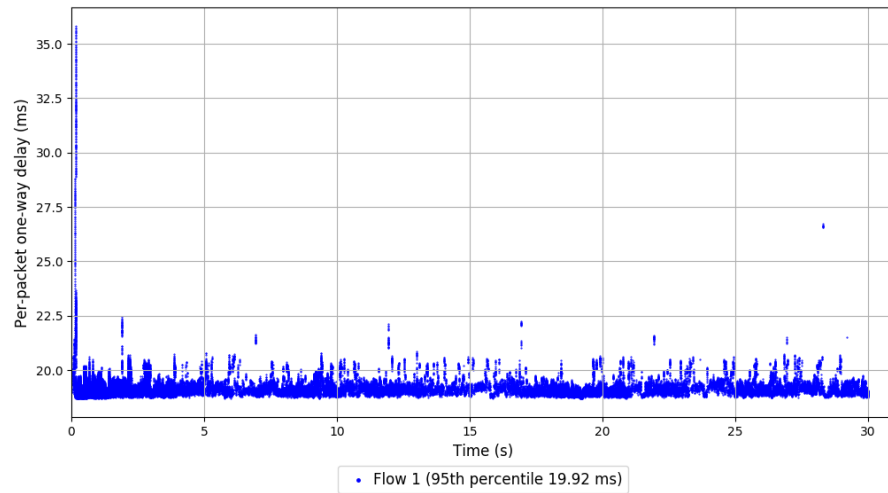
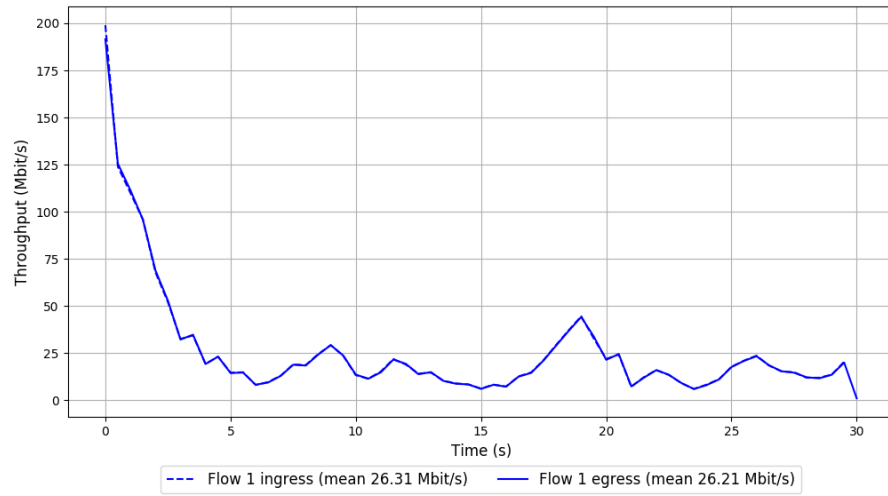


Run 9: Statistics of TCP Cubic

Start at: 2018-02-20 05:41:47
End at: 2018-02-20 05:42:17
Local clock offset: 3.337 ms
Remote clock offset: -6.258 ms

Below is generated by plot.py at 2018-02-20 08:28:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 26.21 Mbit/s
95th percentile per-packet one-way delay: 19.916 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 26.21 Mbit/s
95th percentile per-packet one-way delay: 19.916 ms
Loss rate: 0.37%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-02-20 06:08:45

End at: 2018-02-20 06:09:15

Local clock offset: 1.284 ms

Remote clock offset: -6.187 ms

Below is generated by plot.py at 2018-02-20 08:28:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 9.58 Mbit/s

95th percentile per-packet one-way delay: 20.122 ms

Loss rate: 1.05%

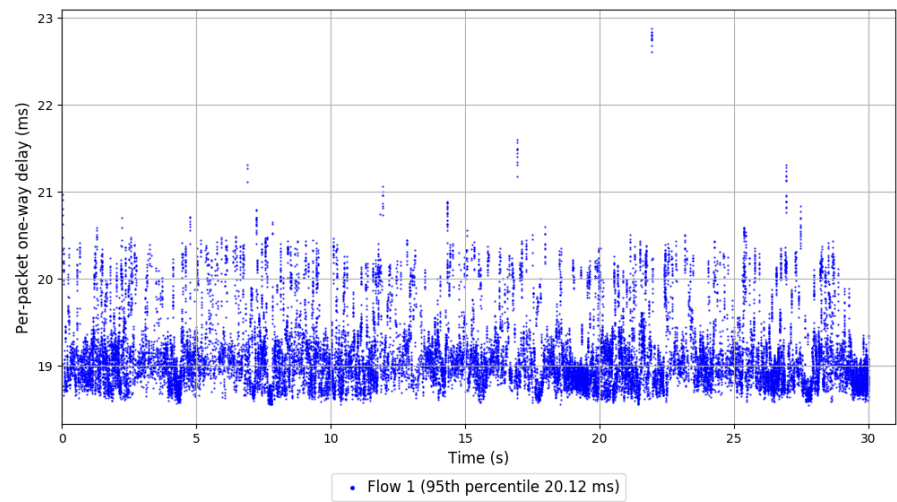
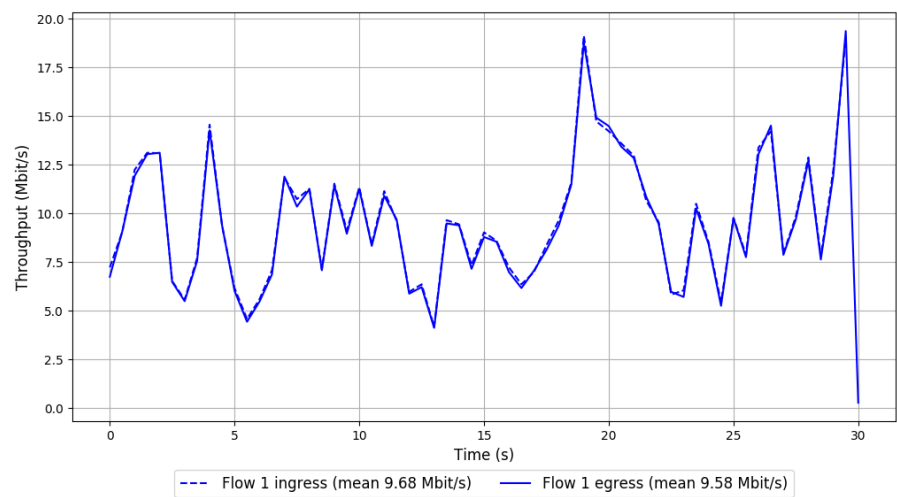
-- Flow 1:

Average throughput: 9.58 Mbit/s

95th percentile per-packet one-way delay: 20.122 ms

Loss rate: 1.05%

Run 10: Report of TCP Cubic — Data Link

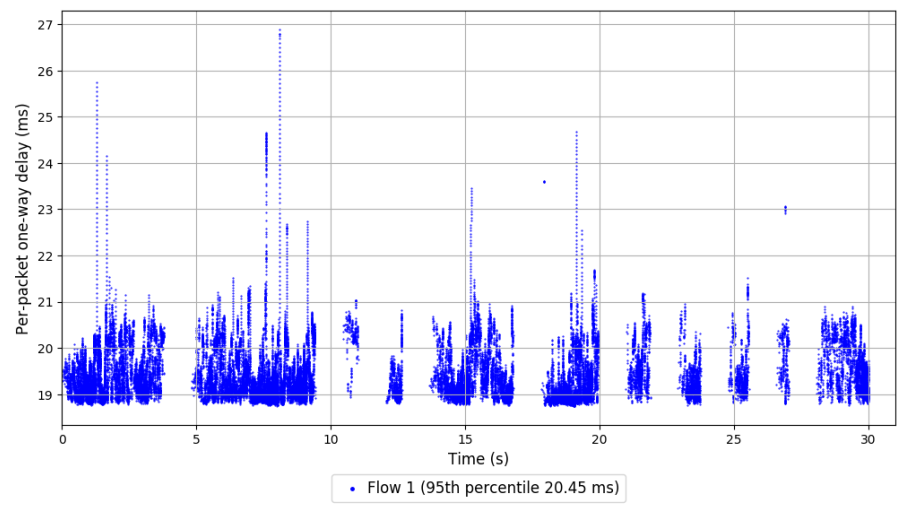
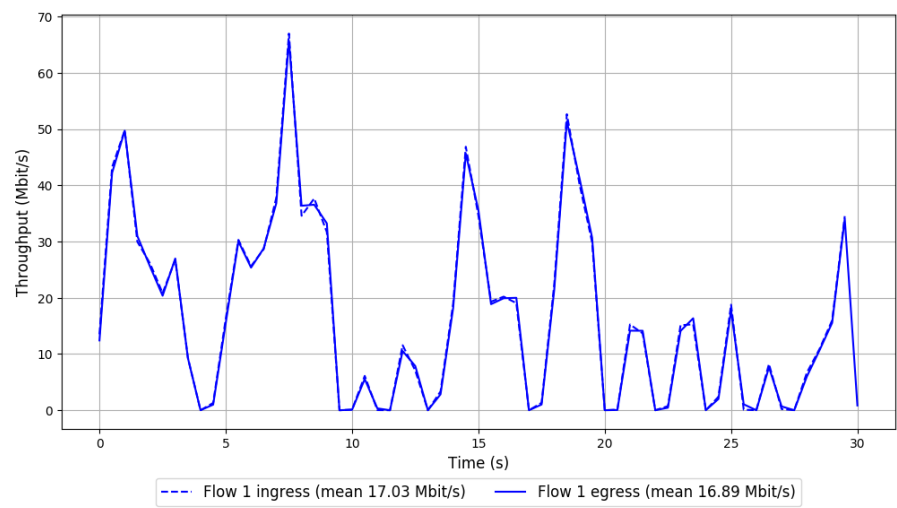


```
Run 1: Statistics of LEDBAT

Start at: 2018-02-20 01:56:19
End at: 2018-02-20 01:56:49
Local clock offset: 1.299 ms
Remote clock offset: -3.849 ms

# Below is generated by plot.py at 2018-02-20 08:28:08
# Datalink statistics
-- Total of 1 flow:
Average throughput: 16.89 Mbit/s
95th percentile per-packet one-way delay: 20.446 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 16.89 Mbit/s
95th percentile per-packet one-way delay: 20.446 ms
Loss rate: 0.82%
```

Run 1: Report of LEDBAT — Data Link

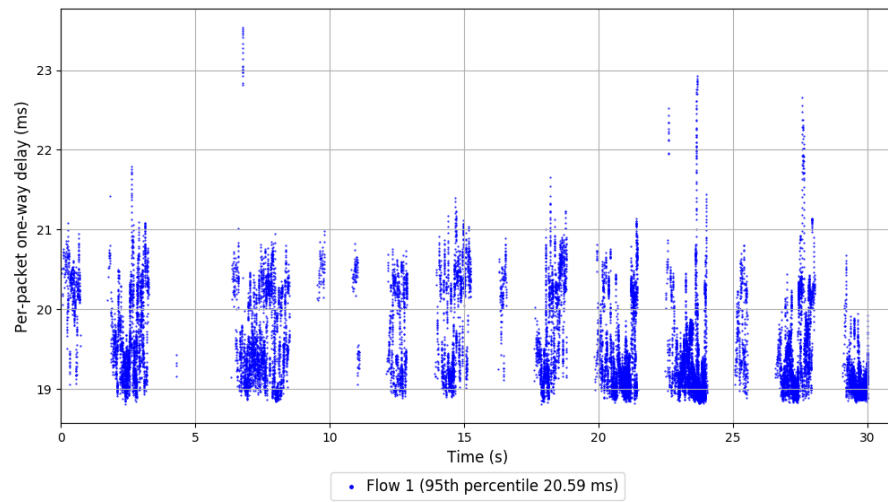
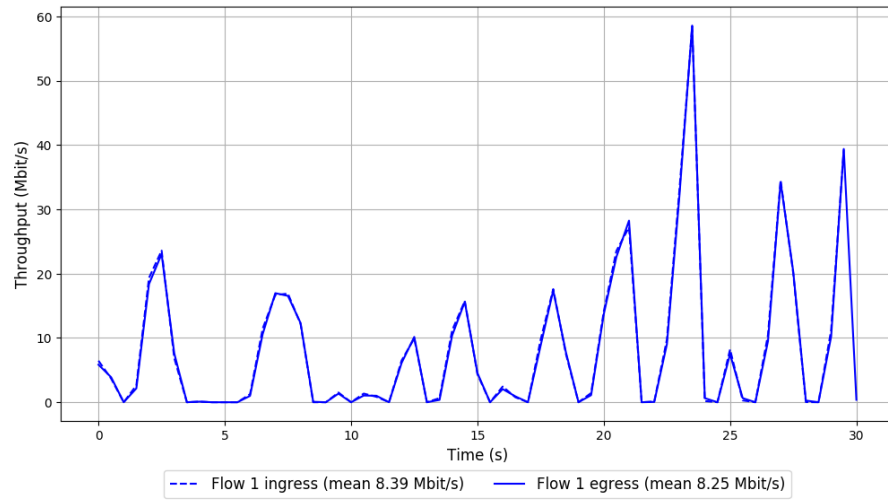


Run 2: Statistics of LEDBAT

Start at: 2018-02-20 02:22:48
End at: 2018-02-20 02:23:18
Local clock offset: 1.046 ms
Remote clock offset: -5.289 ms

Below is generated by plot.py at 2018-02-20 08:28:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 8.25 Mbit/s
95th percentile per-packet one-way delay: 20.591 ms
Loss rate: 1.72%
-- Flow 1:
Average throughput: 8.25 Mbit/s
95th percentile per-packet one-way delay: 20.591 ms
Loss rate: 1.72%

Run 2: Report of LEDBAT — Data Link

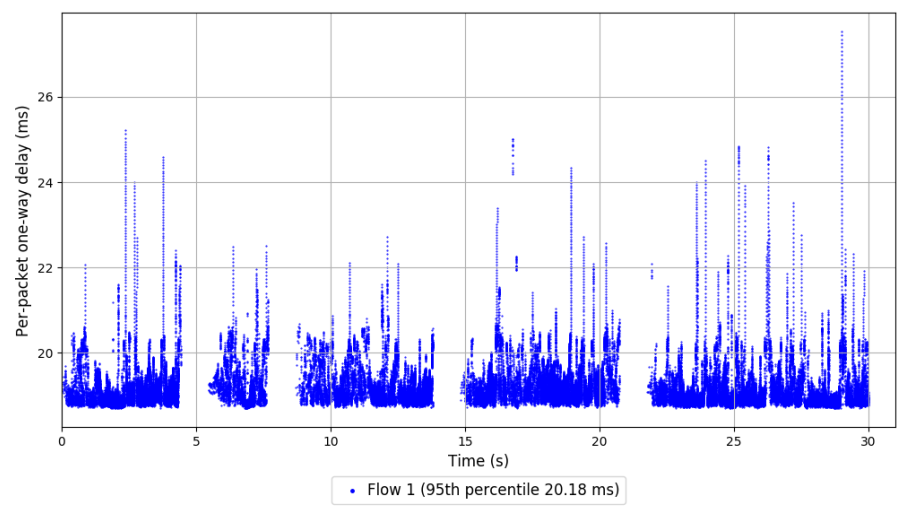
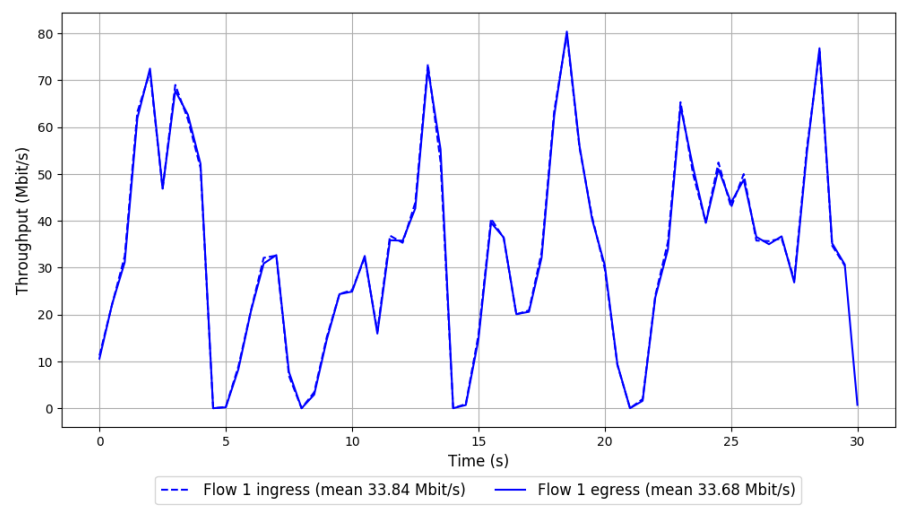


Run 3: Statistics of LEDBAT

Start at: 2018-02-20 02:49:09
End at: 2018-02-20 02:49:39
Local clock offset: 0.532 ms
Remote clock offset: -6.174 ms

Below is generated by plot.py at 2018-02-20 08:28:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 33.68 Mbit/s
95th percentile per-packet one-way delay: 20.178 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 33.68 Mbit/s
95th percentile per-packet one-way delay: 20.178 ms
Loss rate: 0.47%

Run 3: Report of LEDBAT — Data Link

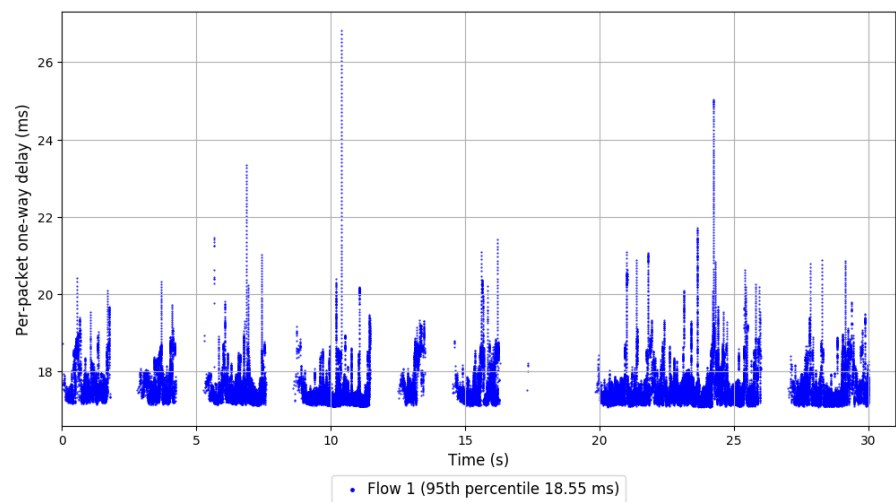
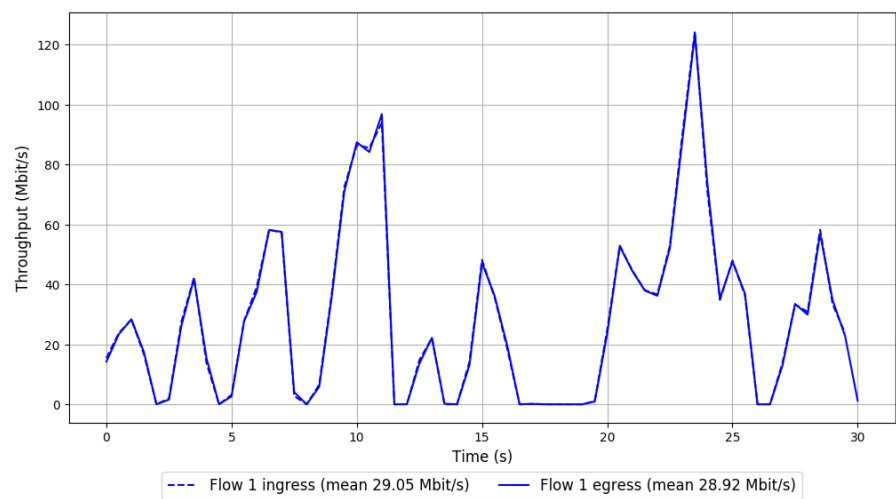


Run 4: Statistics of LEDBAT

Start at: 2018-02-20 03:15:40
End at: 2018-02-20 03:16:10
Local clock offset: 0.457 ms
Remote clock offset: -6.521 ms

Below is generated by plot.py at 2018-02-20 08:28:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 28.92 Mbit/s
95th percentile per-packet one-way delay: 18.546 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 28.92 Mbit/s
95th percentile per-packet one-way delay: 18.546 ms
Loss rate: 0.47%

Run 4: Report of LEDBAT — Data Link

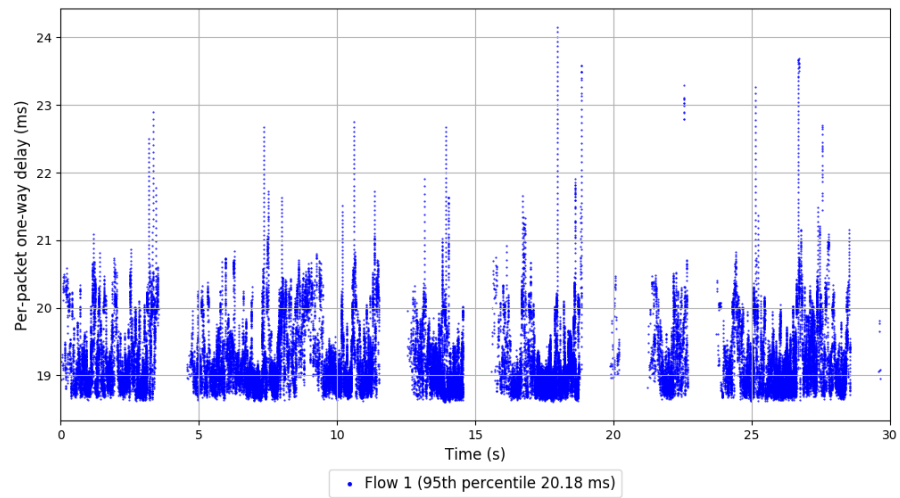
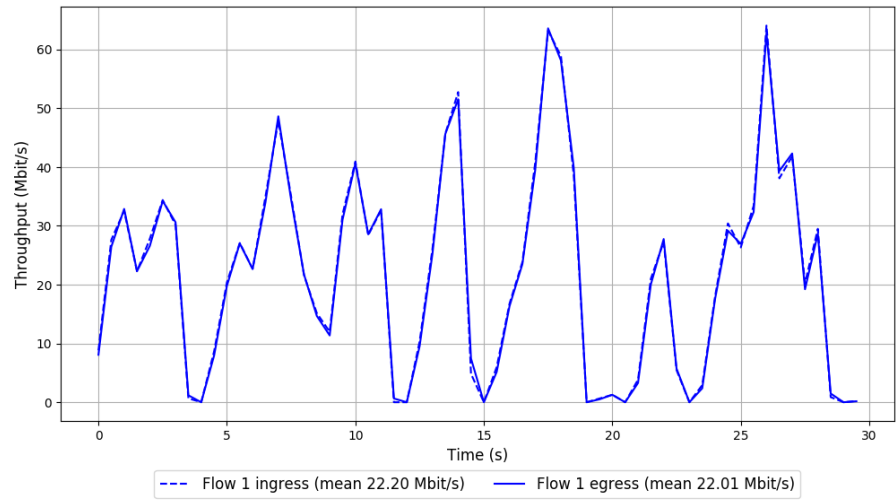


Run 5: Statistics of LEDBAT

Start at: 2018-02-20 03:42:41
End at: 2018-02-20 03:43:11
Local clock offset: 0.254 ms
Remote clock offset: -5.337 ms

Below is generated by plot.py at 2018-02-20 08:28:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 22.01 Mbit/s
95th percentile per-packet one-way delay: 20.185 ms
Loss rate: 0.91%
-- Flow 1:
Average throughput: 22.01 Mbit/s
95th percentile per-packet one-way delay: 20.185 ms
Loss rate: 0.91%

Run 5: Report of LEDBAT — Data Link

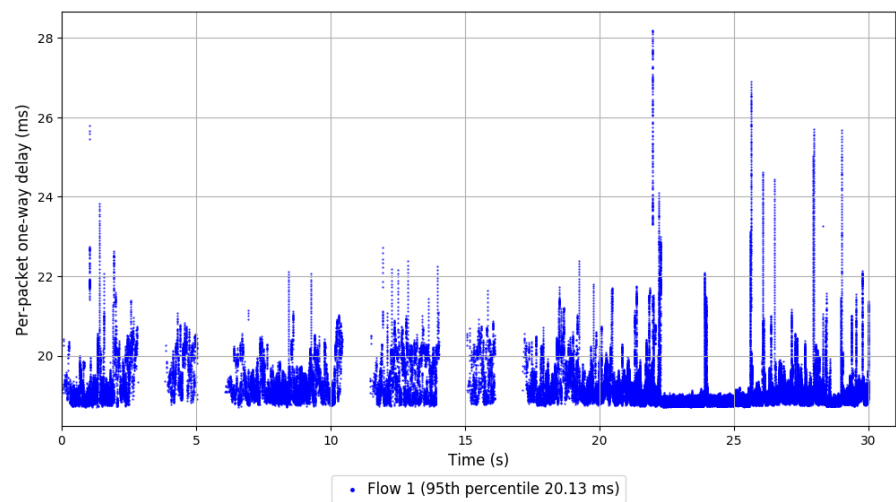
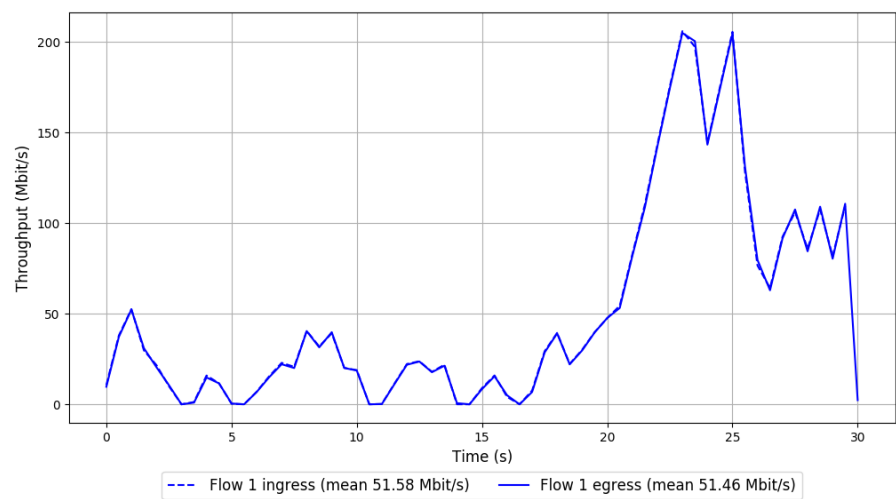


Run 6: Statistics of LEDBAT

Start at: 2018-02-20 04:09:12
End at: 2018-02-20 04:09:43
Local clock offset: 0.485 ms
Remote clock offset: -5.017 ms

Below is generated by plot.py at 2018-02-20 08:28:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 51.46 Mbit/s
95th percentile per-packet one-way delay: 20.127 ms
Loss rate: 0.24%
-- Flow 1:
Average throughput: 51.46 Mbit/s
95th percentile per-packet one-way delay: 20.127 ms
Loss rate: 0.24%

Run 6: Report of LEDBAT — Data Link

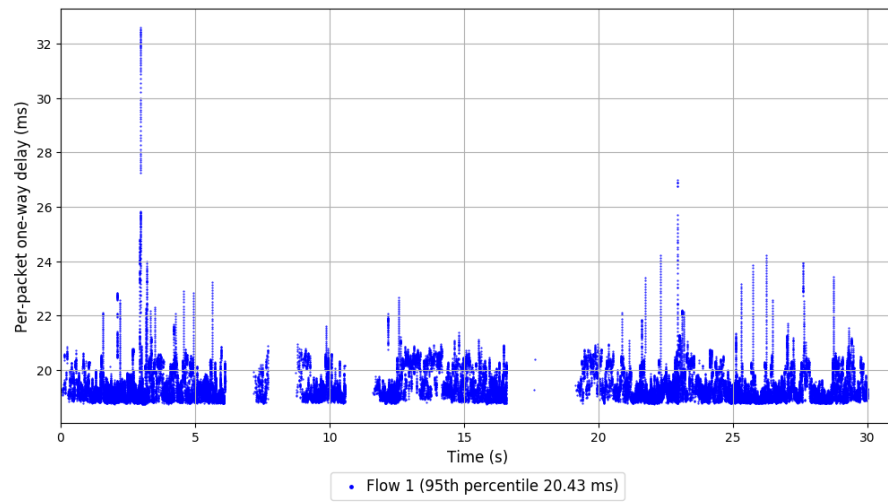
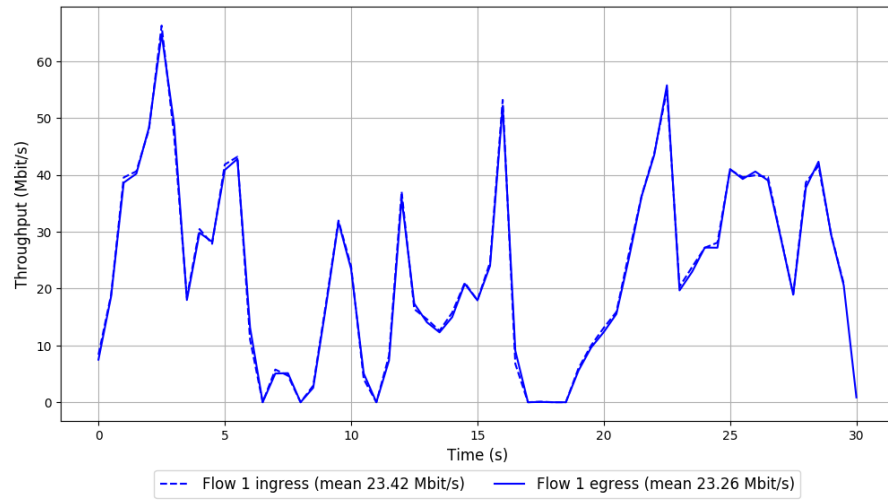


Run 7: Statistics of LEDBAT

Start at: 2018-02-20 04:35:51
End at: 2018-02-20 04:36:21
Local clock offset: 1.599 ms
Remote clock offset: -4.809 ms

Below is generated by plot.py at 2018-02-20 08:28:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.26 Mbit/s
95th percentile per-packet one-way delay: 20.426 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 23.26 Mbit/s
95th percentile per-packet one-way delay: 20.426 ms
Loss rate: 0.67%

Run 7: Report of LEDBAT — Data Link

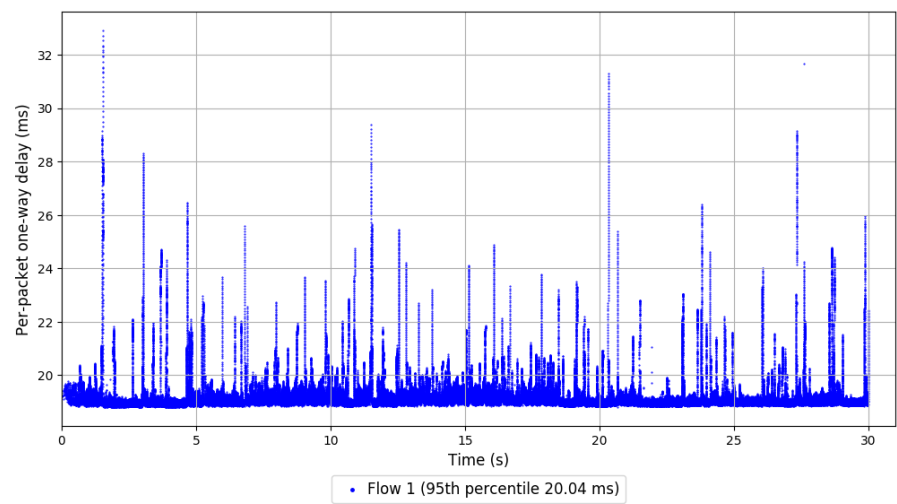
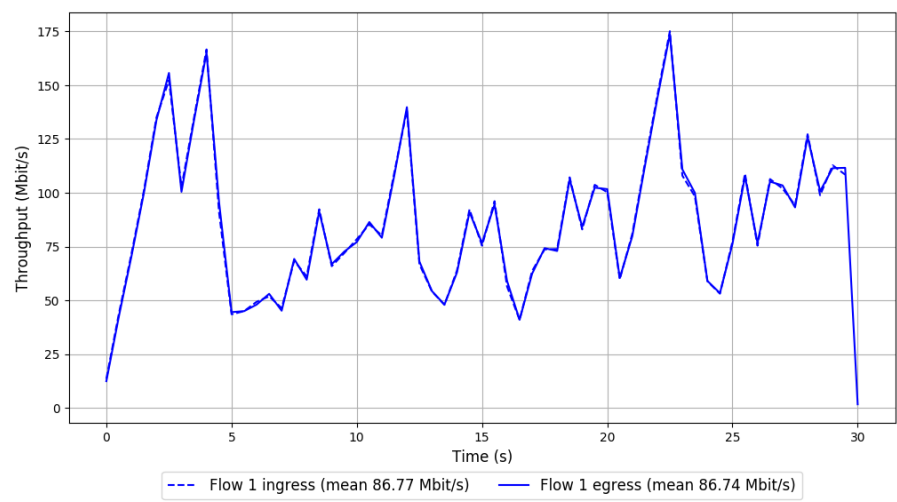


Run 8: Statistics of LEDBAT

Start at: 2018-02-20 05:02:32
End at: 2018-02-20 05:03:02
Local clock offset: 1.69 ms
Remote clock offset: -5.548 ms

Below is generated by plot.py at 2018-02-20 08:28:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 86.74 Mbit/s
95th percentile per-packet one-way delay: 20.039 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 86.74 Mbit/s
95th percentile per-packet one-way delay: 20.039 ms
Loss rate: 0.02%

Run 8: Report of LEDBAT — Data Link

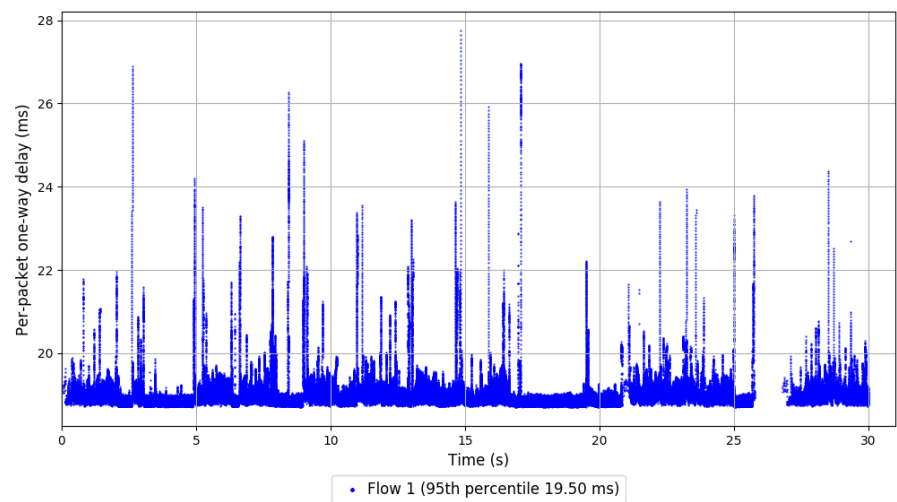
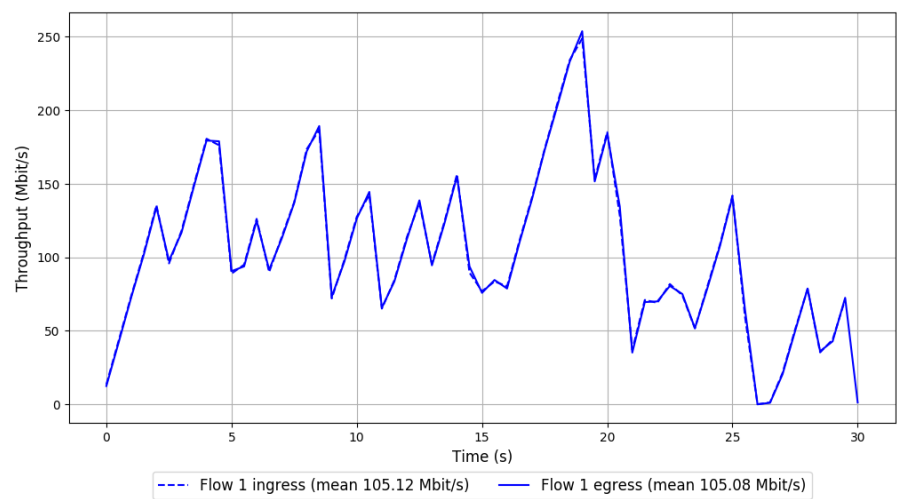


Run 9: Statistics of LEDBAT

Start at: 2018-02-20 05:29:36
End at: 2018-02-20 05:30:06
Local clock offset: 2.929 ms
Remote clock offset: -6.587 ms

Below is generated by plot.py at 2018-02-20 08:28:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 105.08 Mbit/s
95th percentile per-packet one-way delay: 19.501 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 105.08 Mbit/s
95th percentile per-packet one-way delay: 19.501 ms
Loss rate: 0.04%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-02-20 05:56:55

End at: 2018-02-20 05:57:25

Local clock offset: 1.958 ms

Remote clock offset: -6.267 ms

Below is generated by plot.py at 2018-02-20 08:28:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 32.97 Mbit/s

95th percentile per-packet one-way delay: 20.172 ms

Loss rate: 0.56%

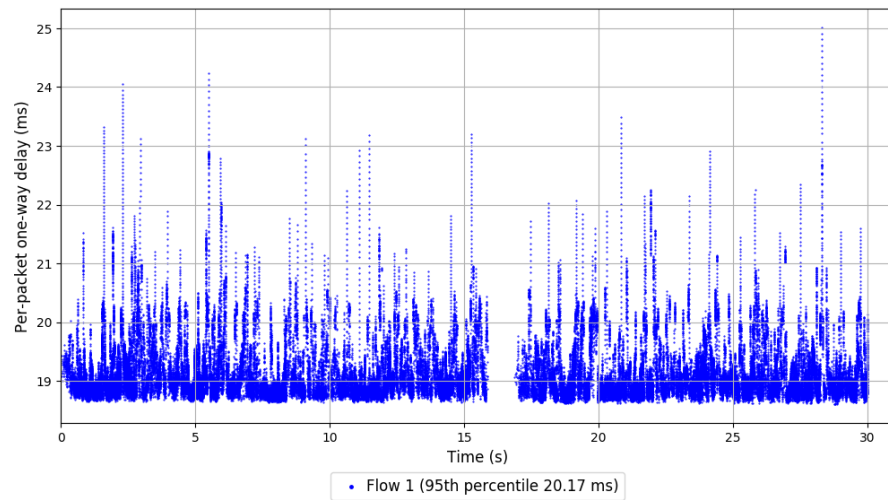
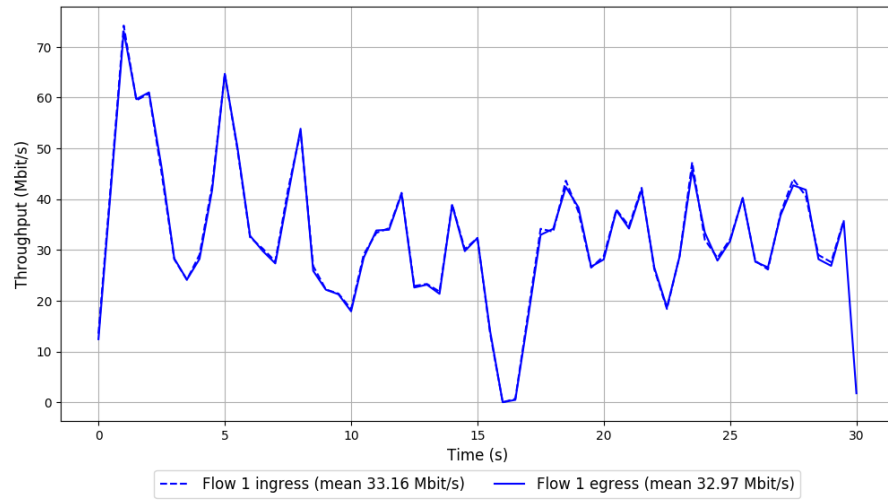
-- Flow 1:

Average throughput: 32.97 Mbit/s

95th percentile per-packet one-way delay: 20.172 ms

Loss rate: 0.56%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC

Start at: 2018-02-20 01:44:35

End at: 2018-02-20 01:45:05

Local clock offset: 1.605 ms

Remote clock offset: -3.94 ms

Below is generated by plot.py at 2018-02-20 08:29:12

Datalink statistics

-- Total of 1 flow:

Average throughput: 470.64 Mbit/s

95th percentile per-packet one-way delay: 20.212 ms

Loss rate: 2.93%

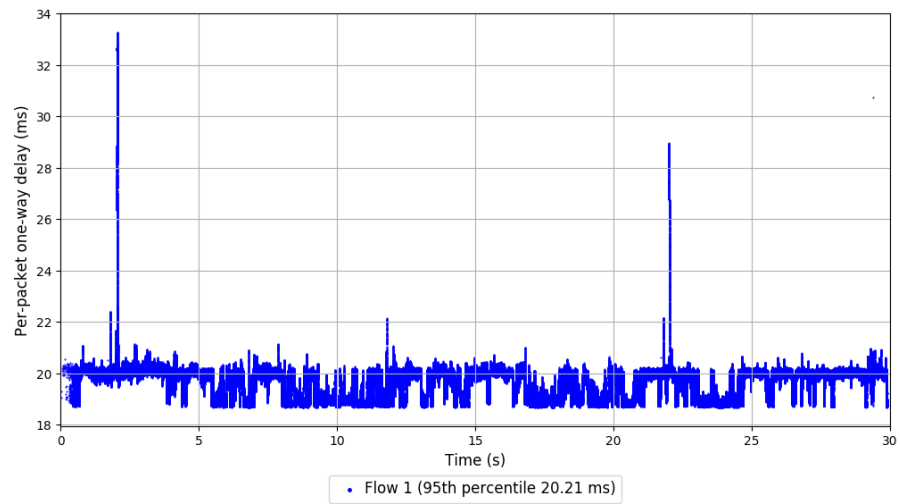
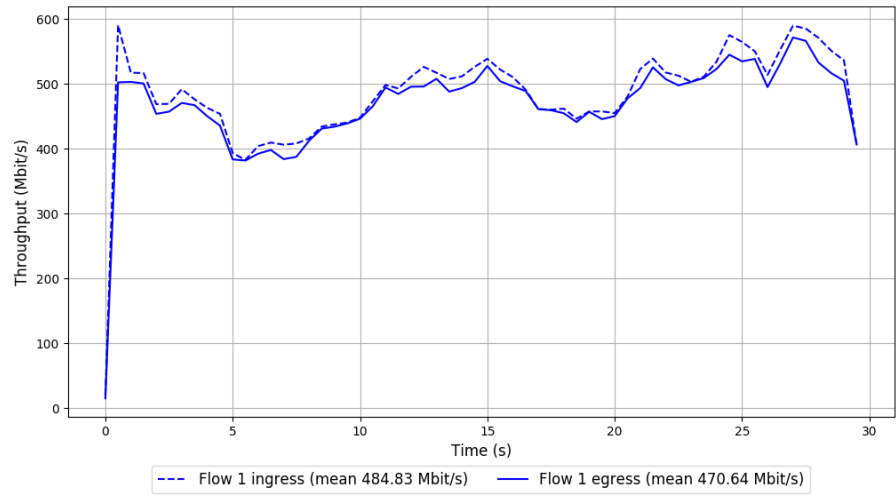
-- Flow 1:

Average throughput: 470.64 Mbit/s

95th percentile per-packet one-way delay: 20.212 ms

Loss rate: 2.93%

Run 1: Report of PCC — Data Link

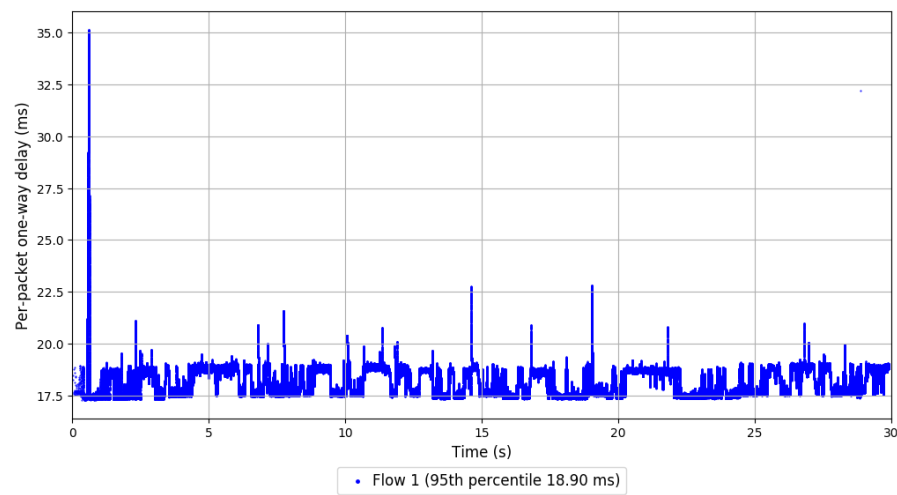
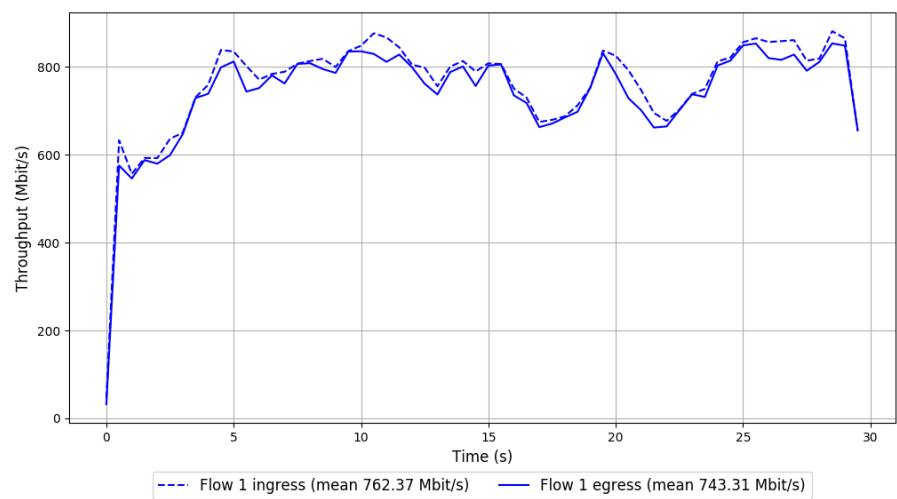


Run 2: Statistics of PCC

Start at: 2018-02-20 02:10:58
End at: 2018-02-20 02:11:28
Local clock offset: 1.177 ms
Remote clock offset: -4.589 ms

Below is generated by plot.py at 2018-02-20 08:34:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 743.31 Mbit/s
95th percentile per-packet one-way delay: 18.899 ms
Loss rate: 2.50%
-- Flow 1:
Average throughput: 743.31 Mbit/s
95th percentile per-packet one-way delay: 18.899 ms
Loss rate: 2.50%

Run 2: Report of PCC — Data Link

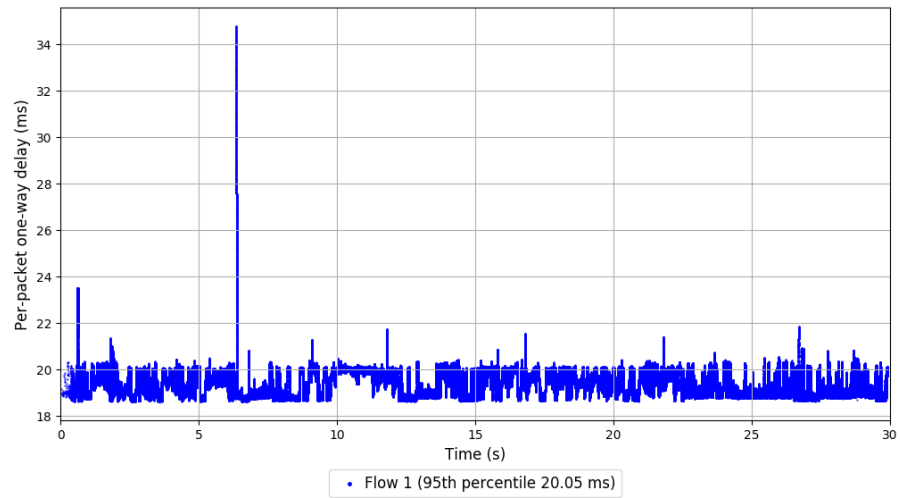
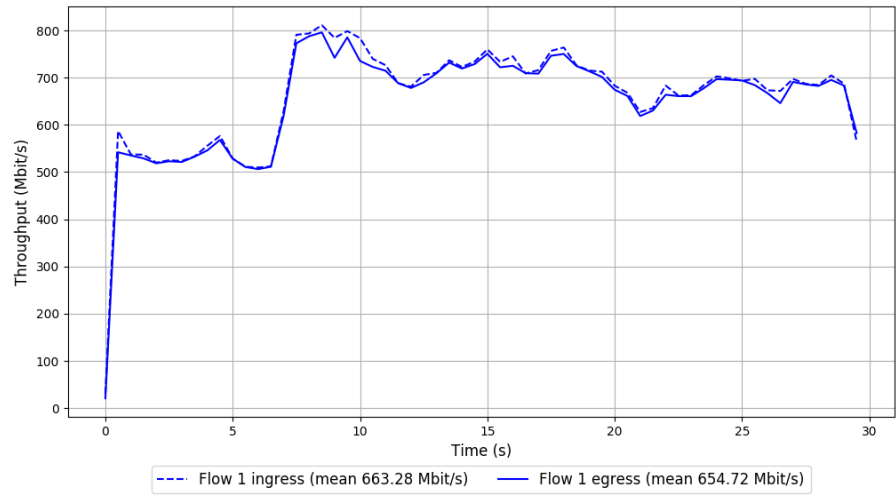


Run 3: Statistics of PCC

Start at: 2018-02-20 02:37:20
End at: 2018-02-20 02:37:50
Local clock offset: 0.716 ms
Remote clock offset: -5.768 ms

Below is generated by plot.py at 2018-02-20 08:34:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 654.72 Mbit/s
95th percentile per-packet one-way delay: 20.055 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 654.72 Mbit/s
95th percentile per-packet one-way delay: 20.055 ms
Loss rate: 1.29%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2018-02-20 03:04:00

End at: 2018-02-20 03:04:30

Local clock offset: 0.483 ms

Remote clock offset: -6.67 ms

Below is generated by plot.py at 2018-02-20 08:34:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 591.44 Mbit/s

95th percentile per-packet one-way delay: 18.786 ms

Loss rate: 2.71%

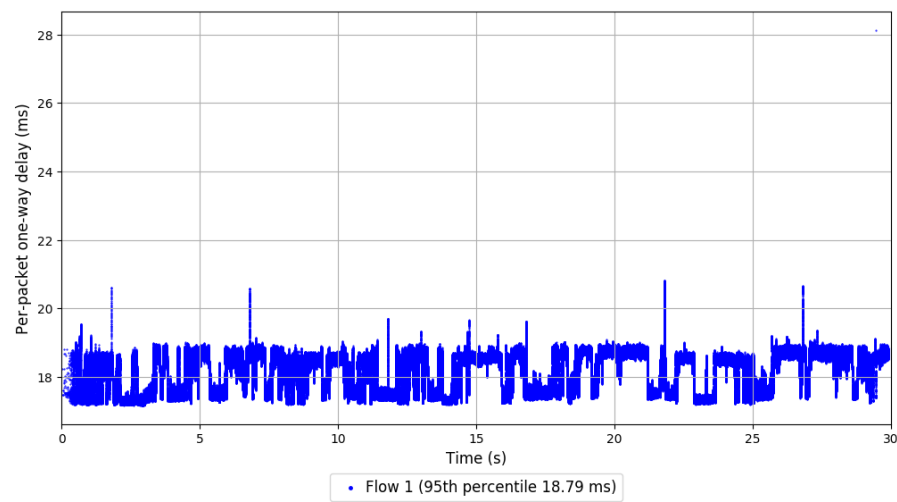
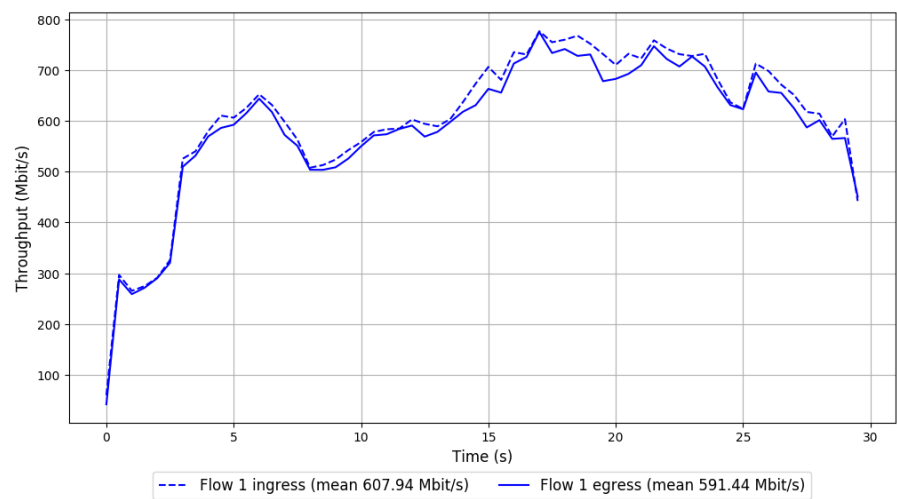
-- Flow 1:

Average throughput: 591.44 Mbit/s

95th percentile per-packet one-way delay: 18.786 ms

Loss rate: 2.71%

Run 4: Report of PCC — Data Link

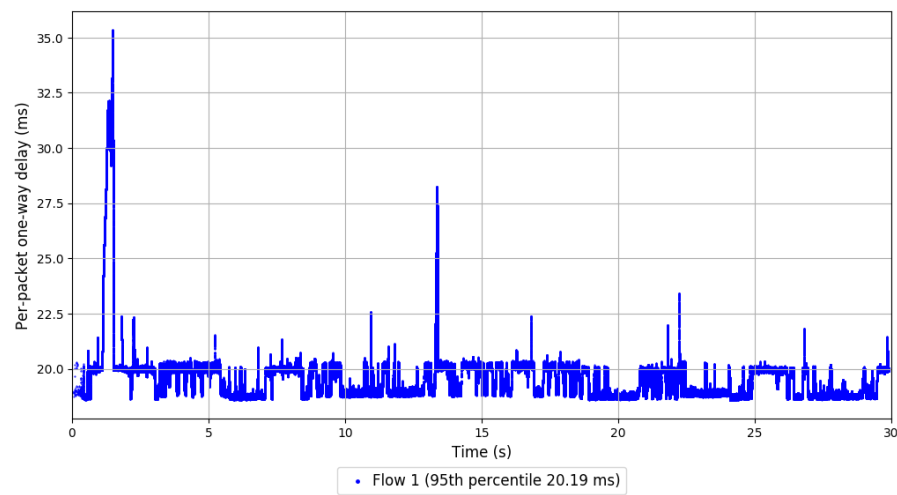
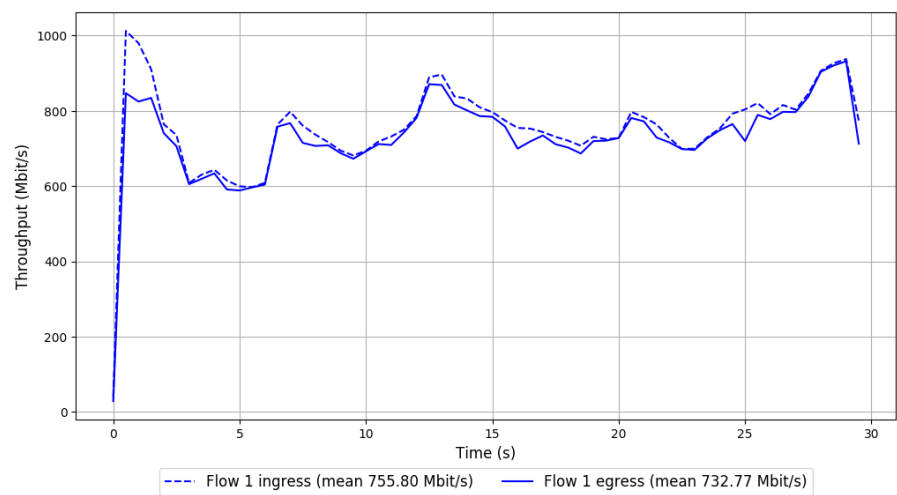


Run 5: Statistics of PCC

Start at: 2018-02-20 03:30:43
End at: 2018-02-20 03:31:13
Local clock offset: 0.329 ms
Remote clock offset: -5.501 ms

Below is generated by plot.py at 2018-02-20 08:34:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 732.77 Mbit/s
95th percentile per-packet one-way delay: 20.193 ms
Loss rate: 3.05%
-- Flow 1:
Average throughput: 732.77 Mbit/s
95th percentile per-packet one-way delay: 20.193 ms
Loss rate: 3.05%

Run 5: Report of PCC — Data Link

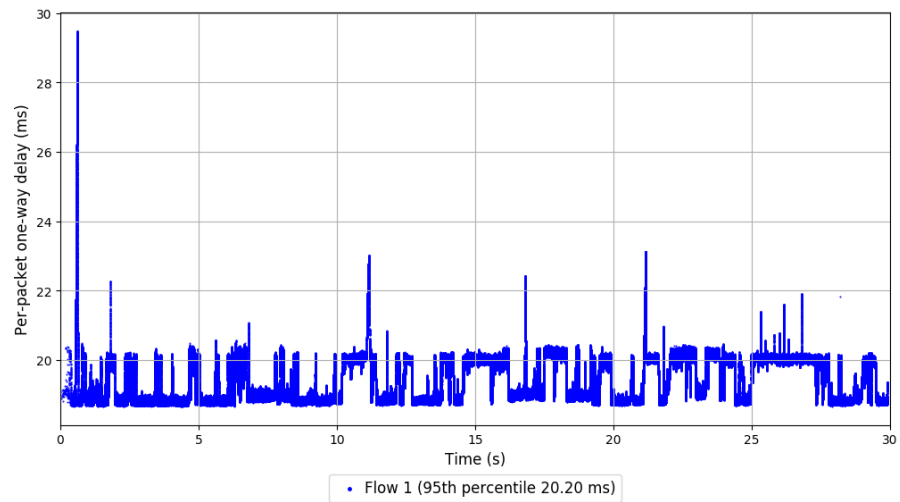
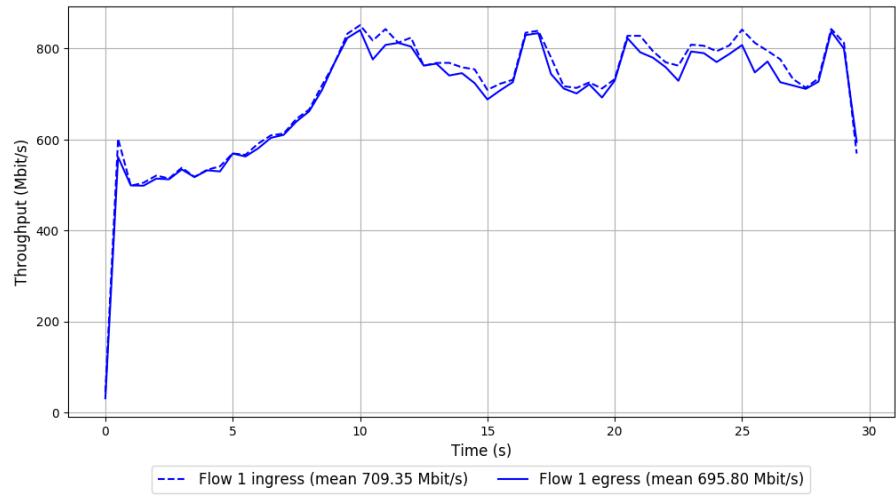


Run 6: Statistics of PCC

Start at: 2018-02-20 03:57:23
End at: 2018-02-20 03:57:53
Local clock offset: 0.125 ms
Remote clock offset: -5.047 ms

Below is generated by plot.py at 2018-02-20 08:34:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 695.80 Mbit/s
95th percentile per-packet one-way delay: 20.201 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 695.80 Mbit/s
95th percentile per-packet one-way delay: 20.201 ms
Loss rate: 1.91%

Run 6: Report of PCC — Data Link

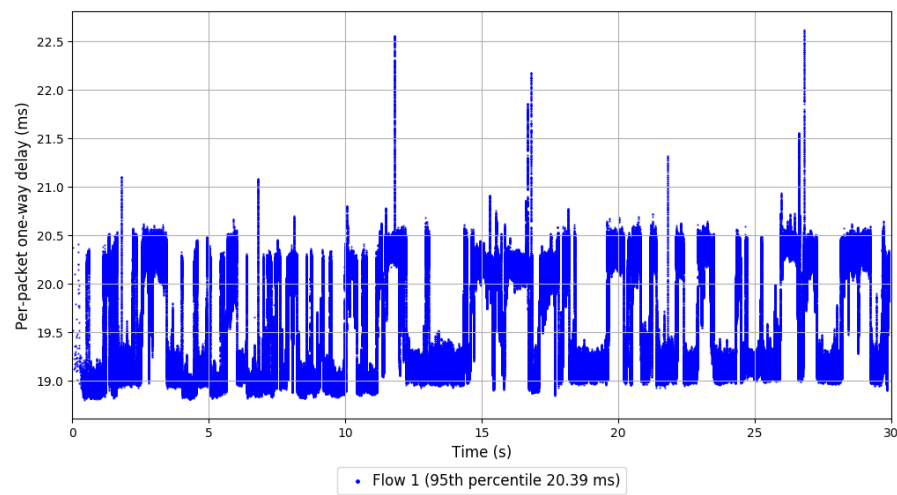
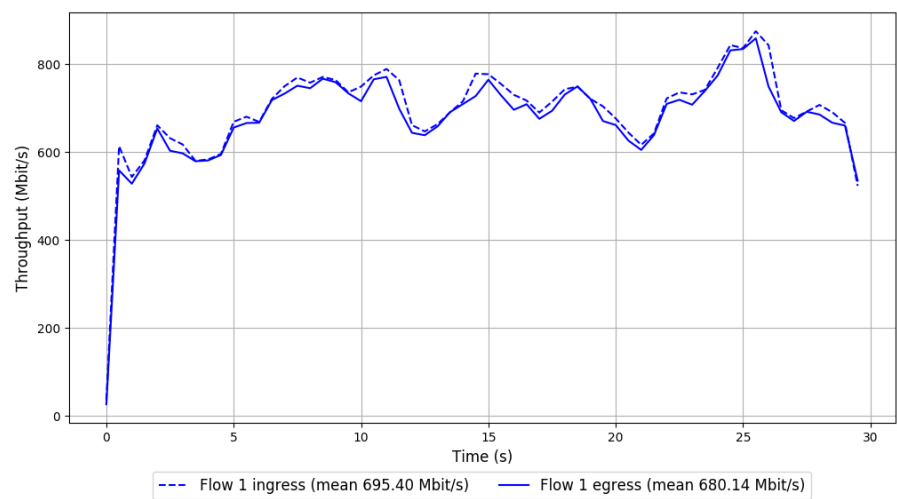


Run 7: Statistics of PCC

Start at: 2018-02-20 04:23:58
End at: 2018-02-20 04:24:28
Local clock offset: 1.349 ms
Remote clock offset: -4.788 ms

Below is generated by plot.py at 2018-02-20 08:37:41
Datalink statistics
-- Total of 1 flow:
Average throughput: 680.14 Mbit/s
95th percentile per-packet one-way delay: 20.391 ms
Loss rate: 2.19%
-- Flow 1:
Average throughput: 680.14 Mbit/s
95th percentile per-packet one-way delay: 20.391 ms
Loss rate: 2.19%

Run 7: Report of PCC — Data Link

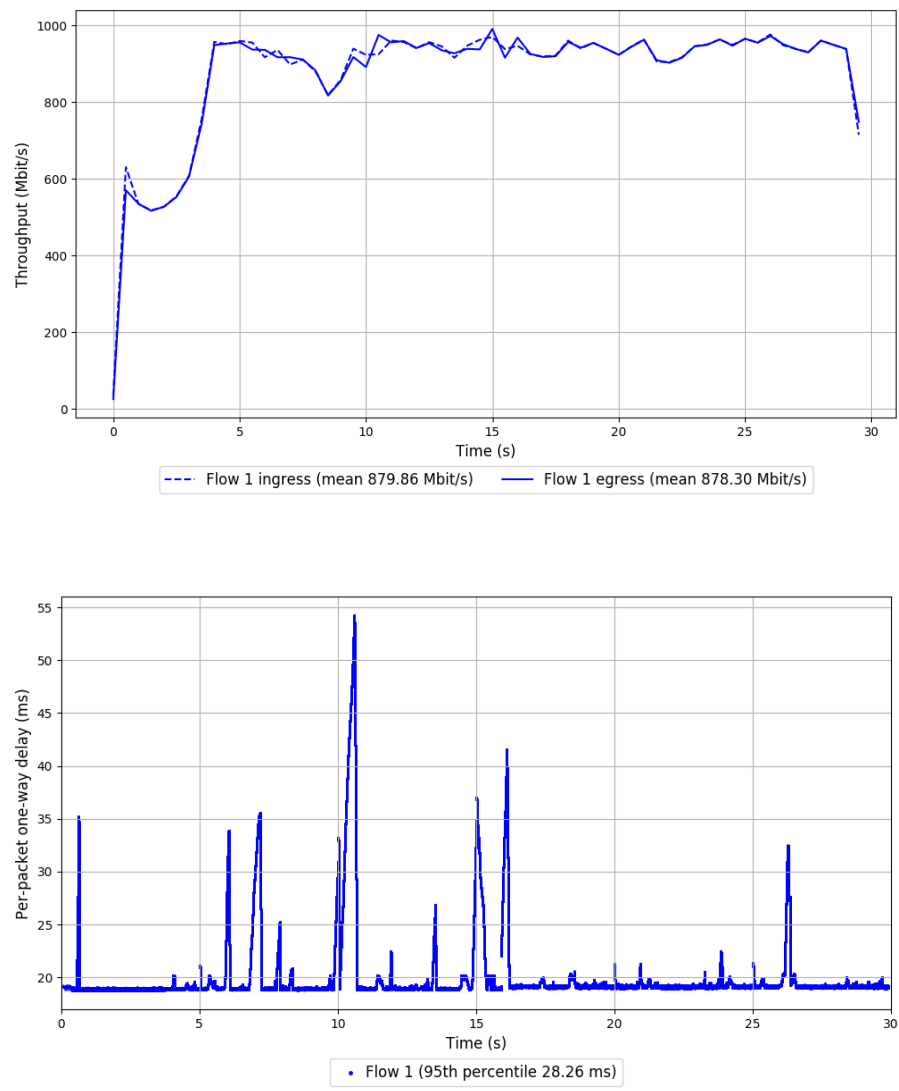


Run 8: Statistics of PCC

Start at: 2018-02-20 04:50:18
End at: 2018-02-20 04:50:48
Local clock offset: 1.731 ms
Remote clock offset: -4.655 ms

Below is generated by plot.py at 2018-02-20 08:41:33
Datalink statistics
-- Total of 1 flow:
Average throughput: 878.30 Mbit/s
95th percentile per-packet one-way delay: 28.260 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 878.30 Mbit/s
95th percentile per-packet one-way delay: 28.260 ms
Loss rate: 0.18%

Run 8: Report of PCC — Data Link

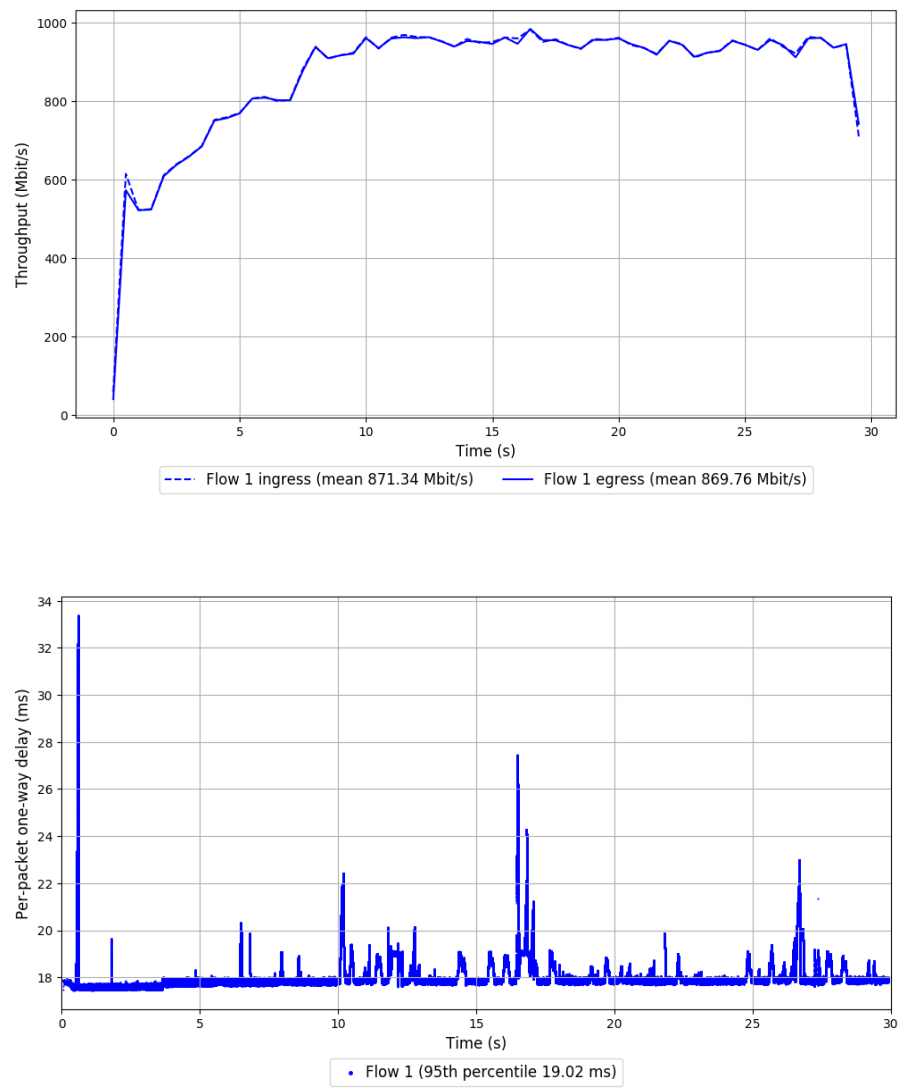


Run 9: Statistics of PCC

Start at: 2018-02-20 05:17:27
End at: 2018-02-20 05:17:57
Local clock offset: 2.088 ms
Remote clock offset: -6.298 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 869.76 Mbit/s
95th percentile per-packet one-way delay: 19.019 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 869.76 Mbit/s
95th percentile per-packet one-way delay: 19.019 ms
Loss rate: 0.18%

Run 9: Report of PCC — Data Link

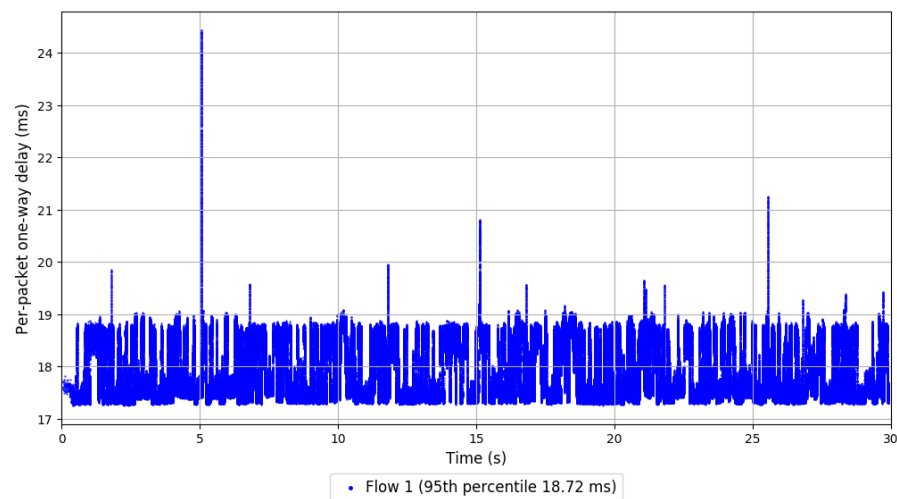
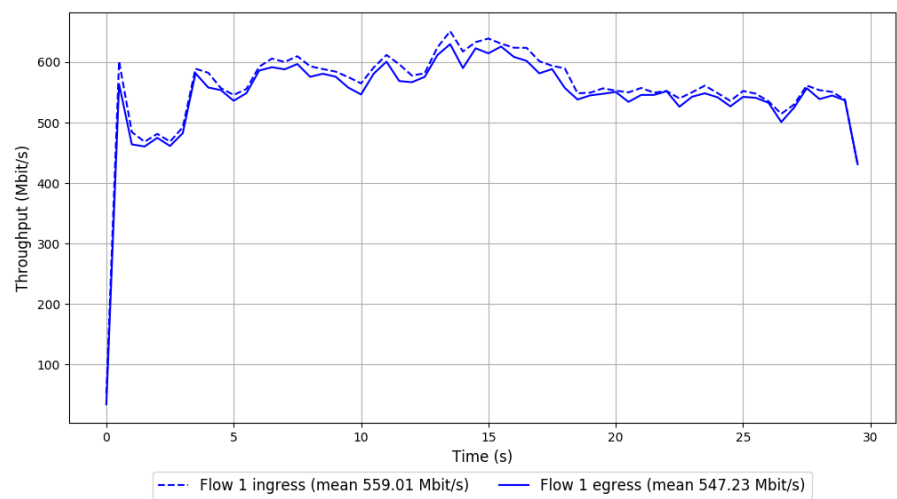


Run 10: Statistics of PCC

Start at: 2018-02-20 05:44:58
End at: 2018-02-20 05:45:28
Local clock offset: 3.319 ms
Remote clock offset: -6.314 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 547.23 Mbit/s
95th percentile per-packet one-way delay: 18.721 ms
Loss rate: 2.11%
-- Flow 1:
Average throughput: 547.23 Mbit/s
95th percentile per-packet one-way delay: 18.721 ms
Loss rate: 2.11%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-02-20 02:01:57

End at: 2018-02-20 02:02:27

Local clock offset: 1.324 ms

Remote clock offset: -3.919 ms

Below is generated by plot.py at 2018-02-20 08:42:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 14.46 Mbit/s

95th percentile per-packet one-way delay: 19.958 ms

Loss rate: 1.34%

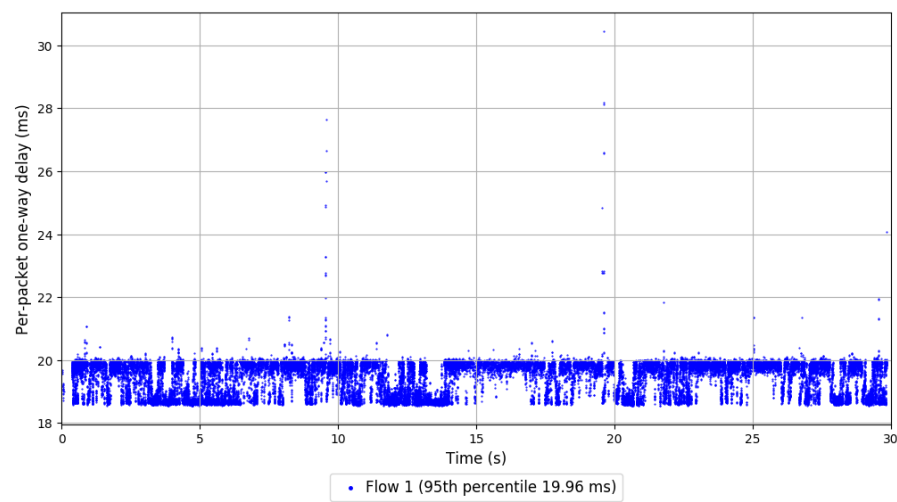
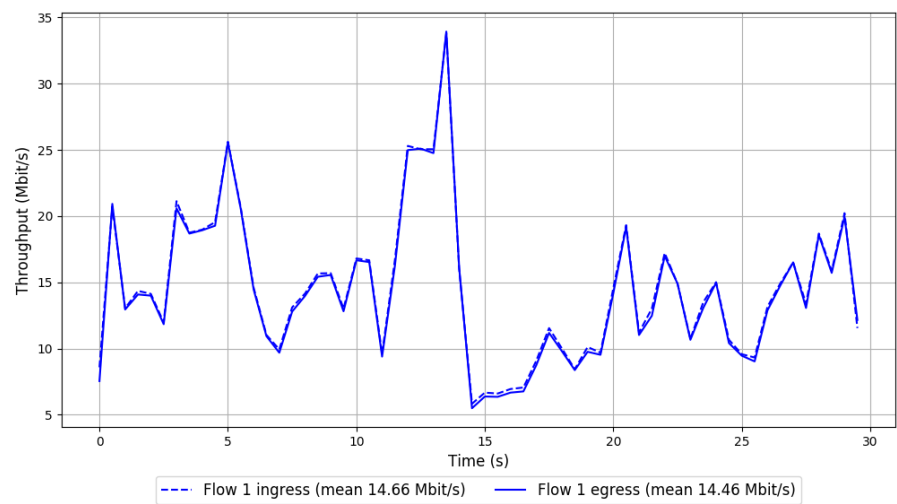
-- Flow 1:

Average throughput: 14.46 Mbit/s

95th percentile per-packet one-way delay: 19.958 ms

Loss rate: 1.34%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-02-20 02:28:33

End at: 2018-02-20 02:29:03

Local clock offset: 0.946 ms

Remote clock offset: -5.567 ms

Below is generated by plot.py at 2018-02-20 08:42:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 18.32 Mbit/s

95th percentile per-packet one-way delay: 19.961 ms

Loss rate: 0.97%

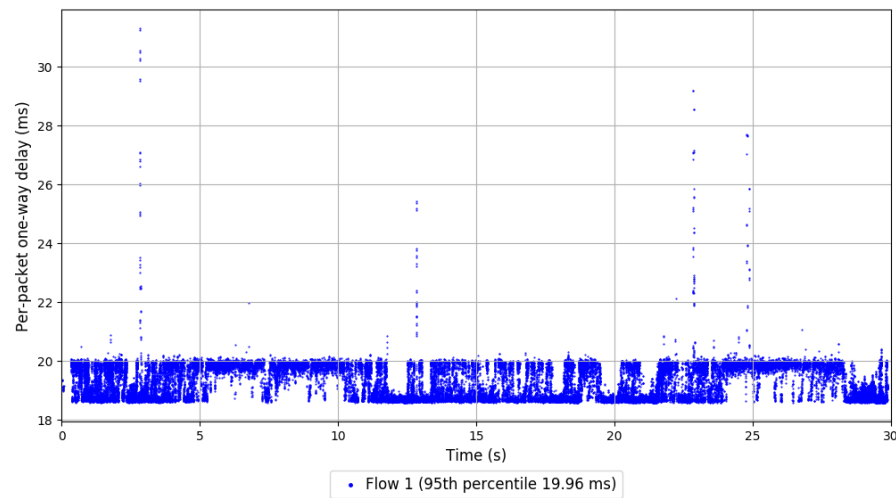
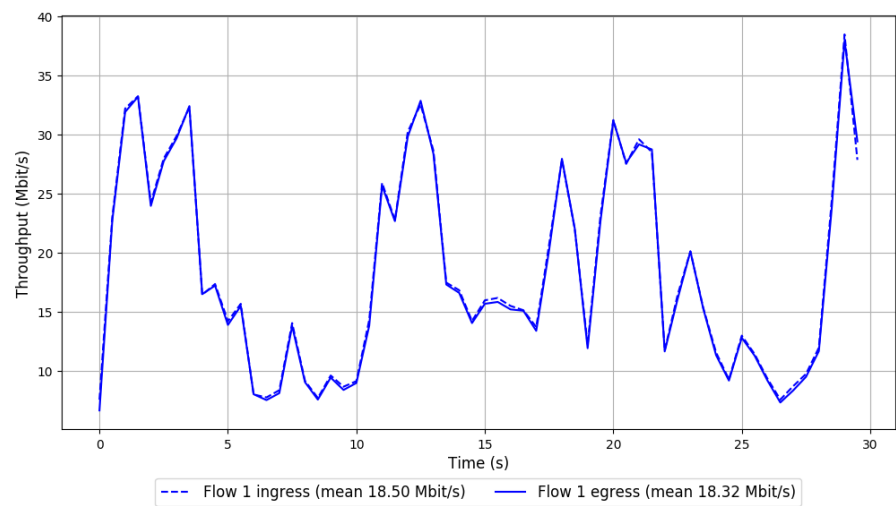
-- Flow 1:

Average throughput: 18.32 Mbit/s

95th percentile per-packet one-way delay: 19.961 ms

Loss rate: 0.97%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-02-20 02:55:08

End at: 2018-02-20 02:55:38

Local clock offset: 0.475 ms

Remote clock offset: -6.429 ms

Below is generated by plot.py at 2018-02-20 08:42:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 30.03 Mbit/s

95th percentile per-packet one-way delay: 19.924 ms

Loss rate: 0.56%

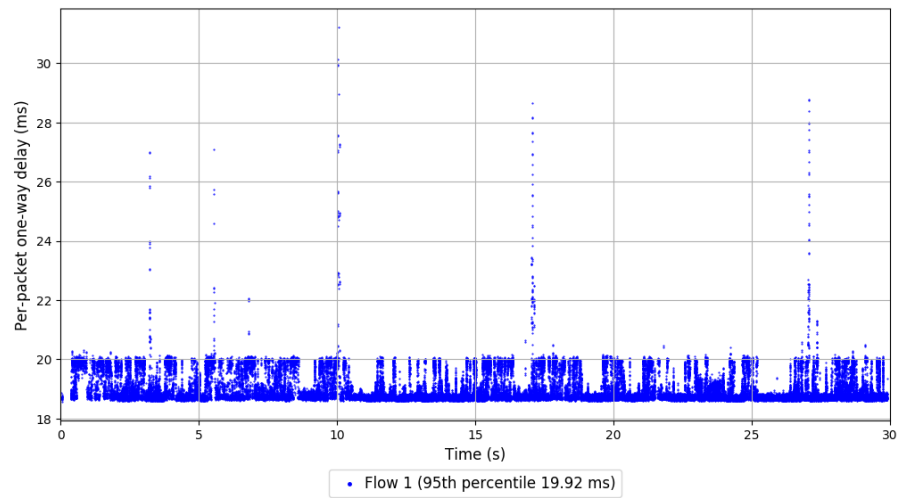
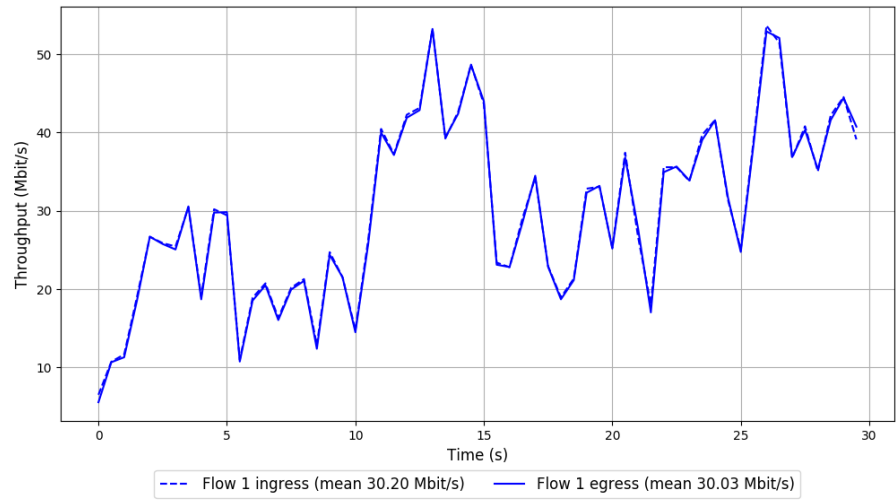
-- Flow 1:

Average throughput: 30.03 Mbit/s

95th percentile per-packet one-way delay: 19.924 ms

Loss rate: 0.56%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-02-20 03:21:39

End at: 2018-02-20 03:22:09

Local clock offset: 0.332 ms

Remote clock offset: -5.863 ms

Below is generated by plot.py at 2018-02-20 08:42:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 35.29 Mbit/s

95th percentile per-packet one-way delay: 19.979 ms

Loss rate: 0.41%

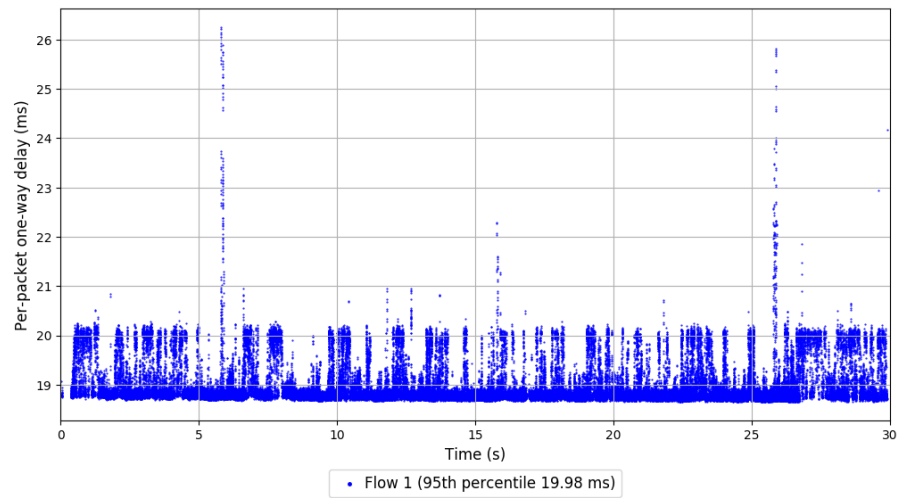
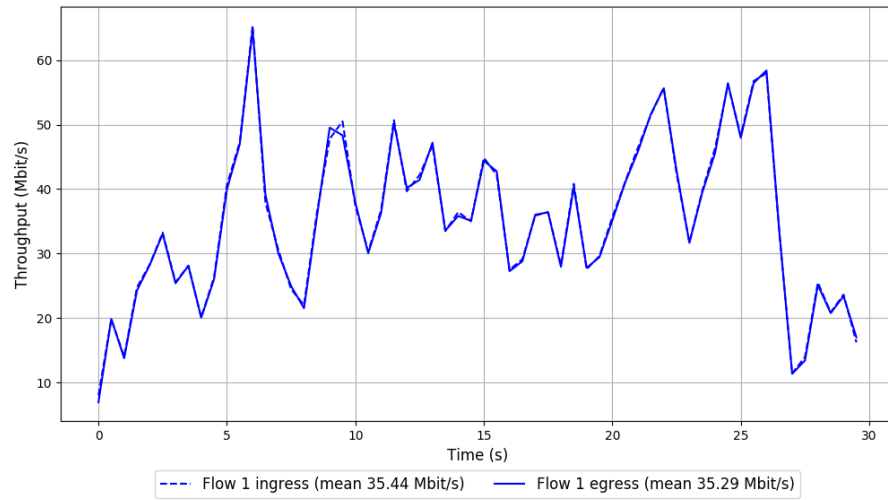
-- Flow 1:

Average throughput: 35.29 Mbit/s

95th percentile per-packet one-way delay: 19.979 ms

Loss rate: 0.41%

Run 4: Report of QUIC Cubic — Data Link

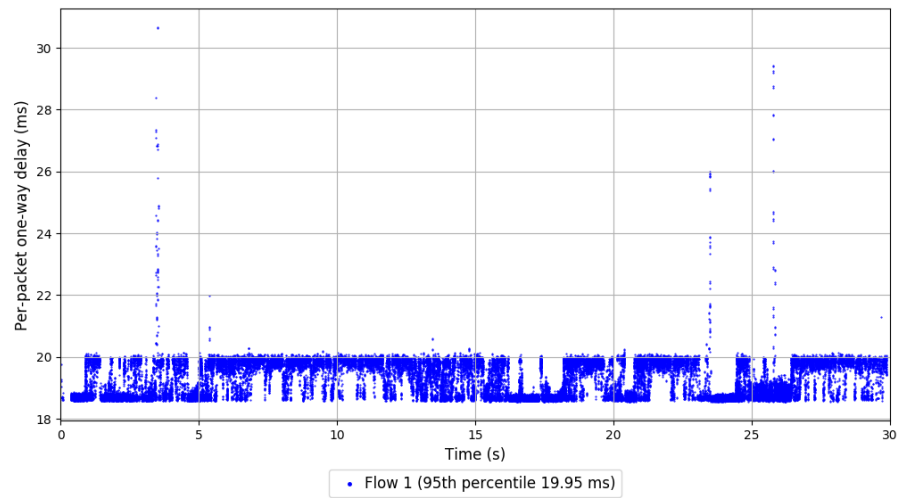
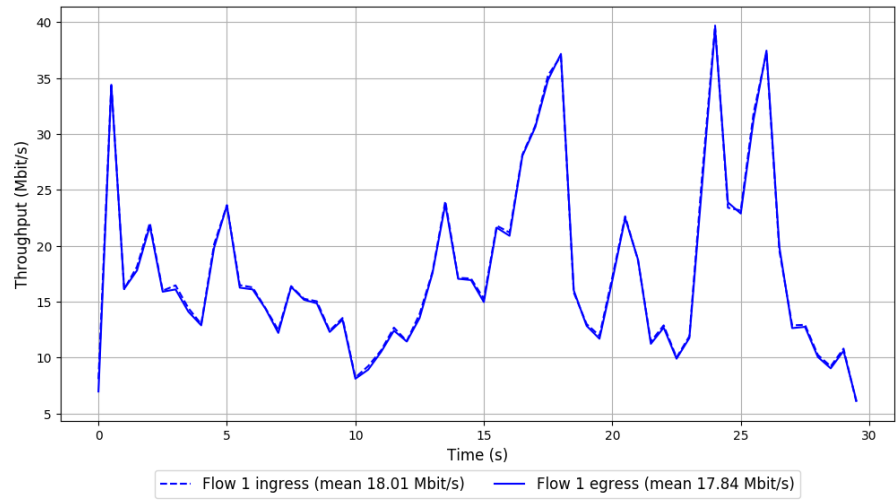


Run 5: Statistics of QUIC Cubic

Start at: 2018-02-20 03:48:21
End at: 2018-02-20 03:48:51
Local clock offset: 0.221 ms
Remote clock offset: -5.327 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 17.84 Mbit/s
95th percentile per-packet one-way delay: 19.949 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 17.84 Mbit/s
95th percentile per-packet one-way delay: 19.949 ms
Loss rate: 0.97%

Run 5: Report of QUIC Cubic — Data Link



Run 6: Statistics of QUIC Cubic

Start at: 2018-02-20 04:15:08

End at: 2018-02-20 04:15:38

Local clock offset: 1.019 ms

Remote clock offset: -4.936 ms

Below is generated by plot.py at 2018-02-20 08:42:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.19 Mbit/s

95th percentile per-packet one-way delay: 20.045 ms

Loss rate: 0.65%

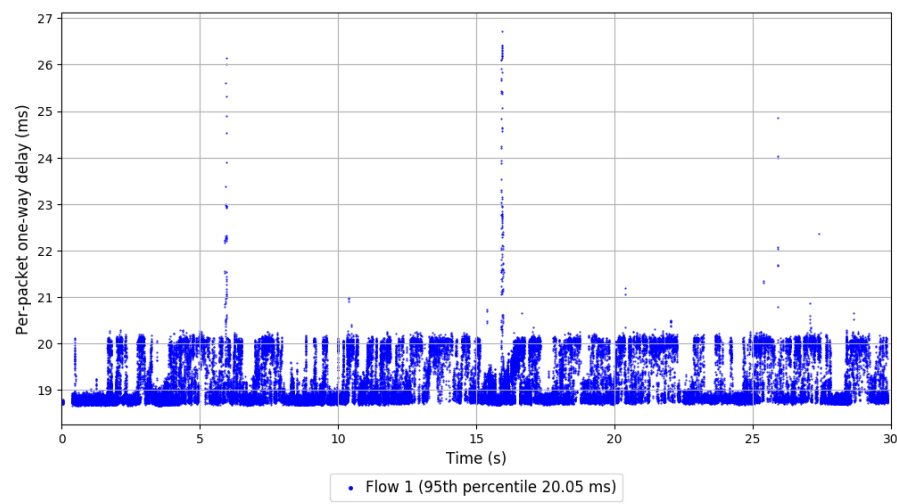
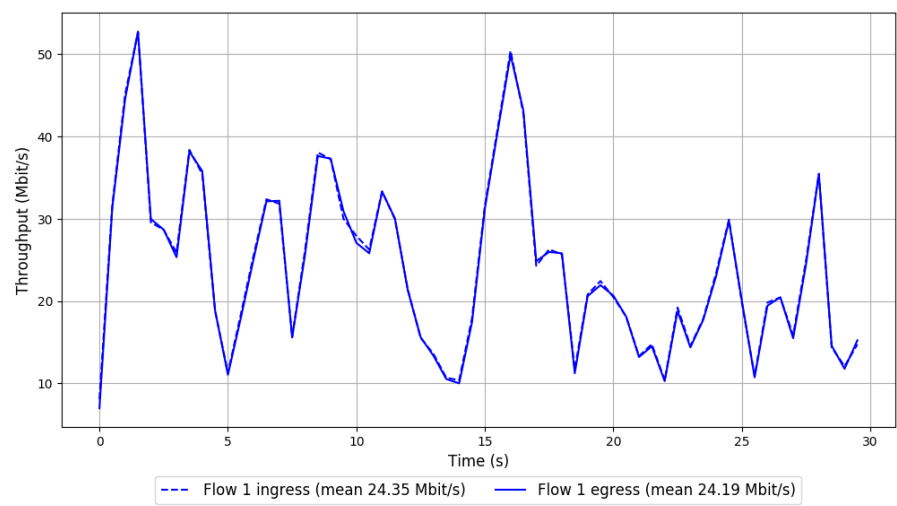
-- Flow 1:

Average throughput: 24.19 Mbit/s

95th percentile per-packet one-way delay: 20.045 ms

Loss rate: 0.65%

Run 6: Report of QUIC Cubic — Data Link

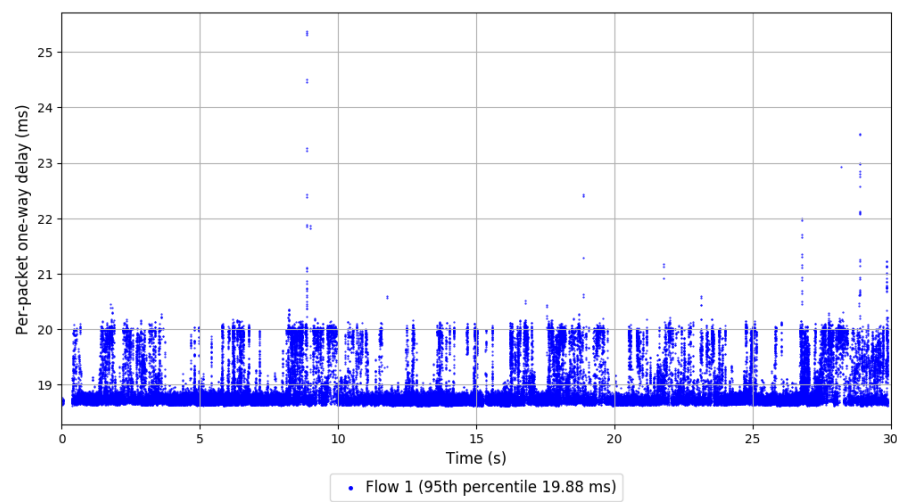
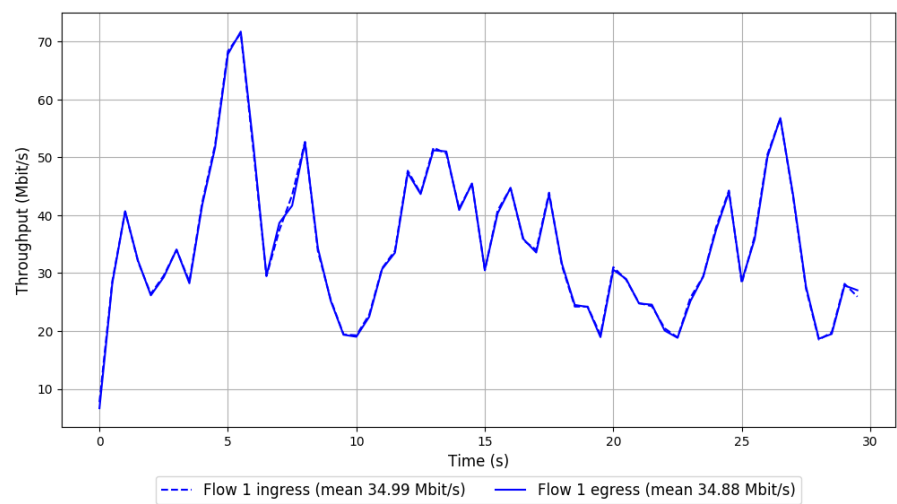


Run 7: Statistics of QUIC Cubic

Start at: 2018-02-20 04:41:45
End at: 2018-02-20 04:42:15
Local clock offset: 1.73 ms
Remote clock offset: -4.811 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 34.88 Mbit/s
95th percentile per-packet one-way delay: 19.881 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 34.88 Mbit/s
95th percentile per-packet one-way delay: 19.881 ms
Loss rate: 0.32%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-02-20 05:08:41

End at: 2018-02-20 05:09:11

Local clock offset: 1.828 ms

Remote clock offset: -6.082 ms

Below is generated by plot.py at 2018-02-20 08:42:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.19 Mbit/s

95th percentile per-packet one-way delay: 17.363 ms

Loss rate: 0.01%

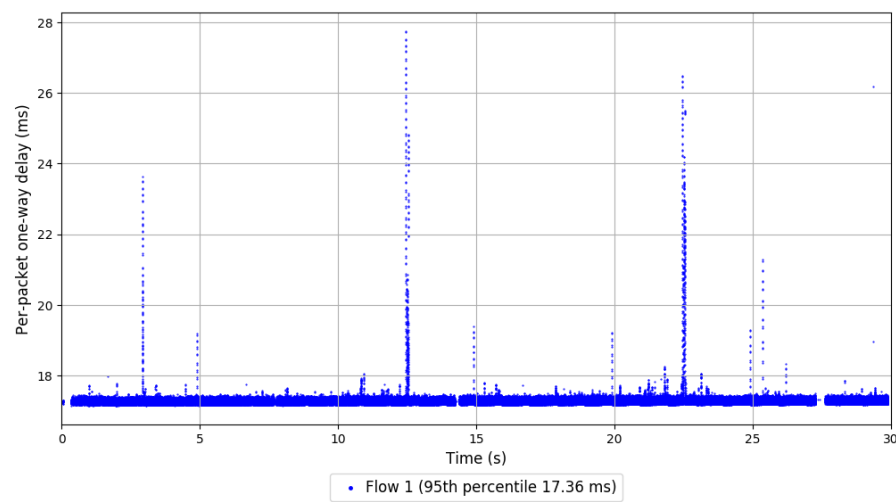
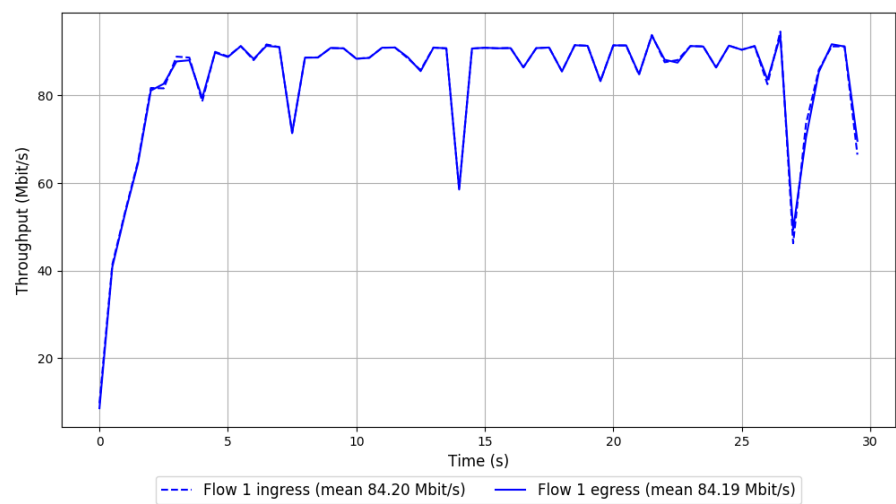
-- Flow 1:

Average throughput: 84.19 Mbit/s

95th percentile per-packet one-way delay: 17.363 ms

Loss rate: 0.01%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2018-02-20 05:35:44

End at: 2018-02-20 05:36:14

Local clock offset: 3.073 ms

Remote clock offset: -6.435 ms

Below is generated by plot.py at 2018-02-20 08:42:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 33.60 Mbit/s

95th percentile per-packet one-way delay: 19.955 ms

Loss rate: 0.39%

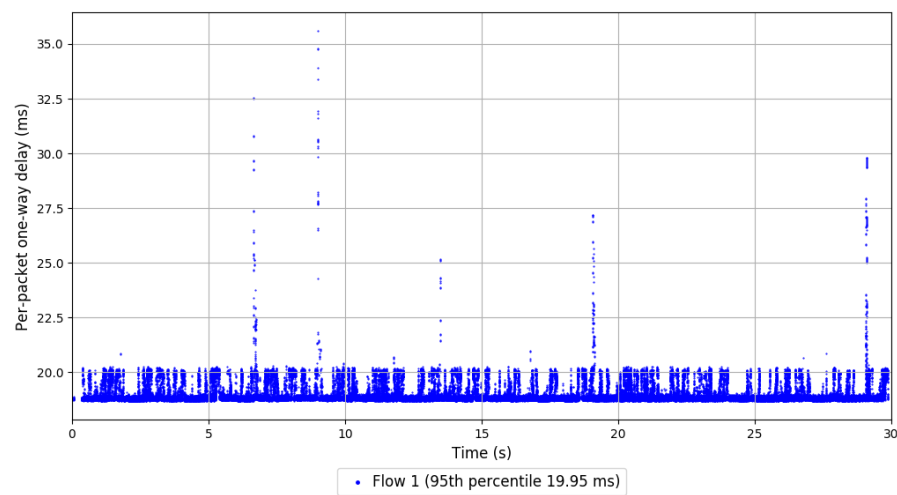
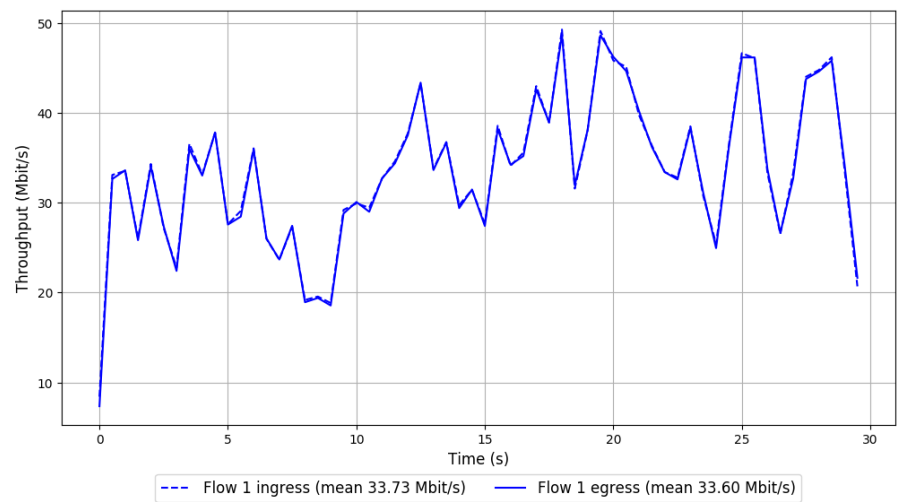
-- Flow 1:

Average throughput: 33.60 Mbit/s

95th percentile per-packet one-way delay: 19.955 ms

Loss rate: 0.39%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-02-20 06:02:47

End at: 2018-02-20 06:03:17

Local clock offset: 1.446 ms

Remote clock offset: -6.277 ms

Below is generated by plot.py at 2018-02-20 08:42:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 51.77 Mbit/s

95th percentile per-packet one-way delay: 19.496 ms

Loss rate: 0.18%

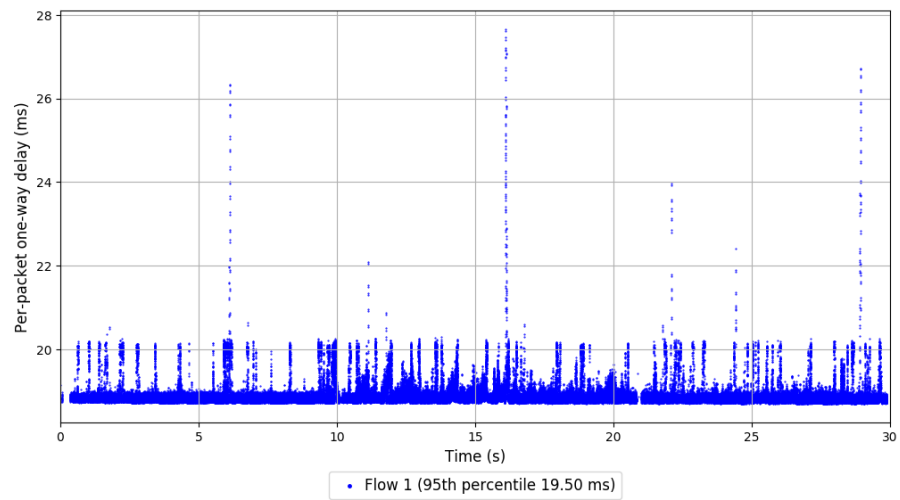
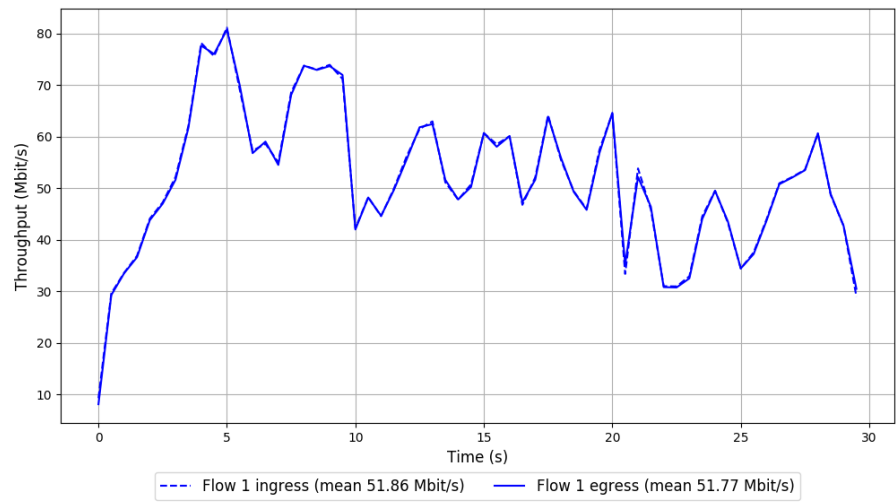
-- Flow 1:

Average throughput: 51.77 Mbit/s

95th percentile per-packet one-way delay: 19.496 ms

Loss rate: 0.18%

Run 10: Report of QUIC Cubic — Data Link

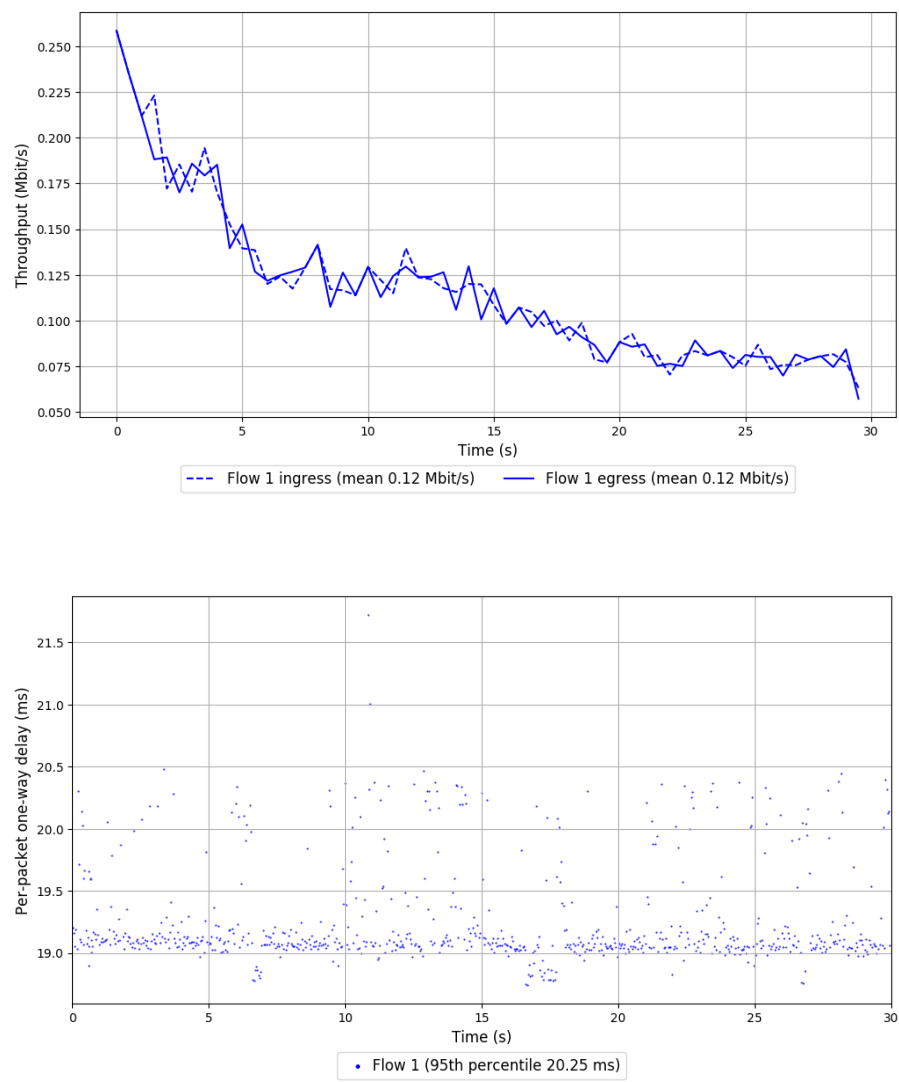


```
Run 1: Statistics of SCReAM

Start at: 2018-02-20 01:49:10
End at: 2018-02-20 01:49:40
Local clock offset: 1.509 ms
Remote clock offset: -3.912 ms

# Below is generated by plot.py at 2018-02-20 08:42:48
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 20.245 ms
Loss rate: 0.48%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 20.245 ms
Loss rate: 0.48%
```

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SCReAM

Start at: 2018-02-20 02:15:43

End at: 2018-02-20 02:16:13

Local clock offset: 1.18 ms

Remote clock offset: -5.05 ms

Below is generated by plot.py at 2018-02-20 08:42:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.10 Mbit/s

95th percentile per-packet one-way delay: 20.236 ms

Loss rate: 1.71%

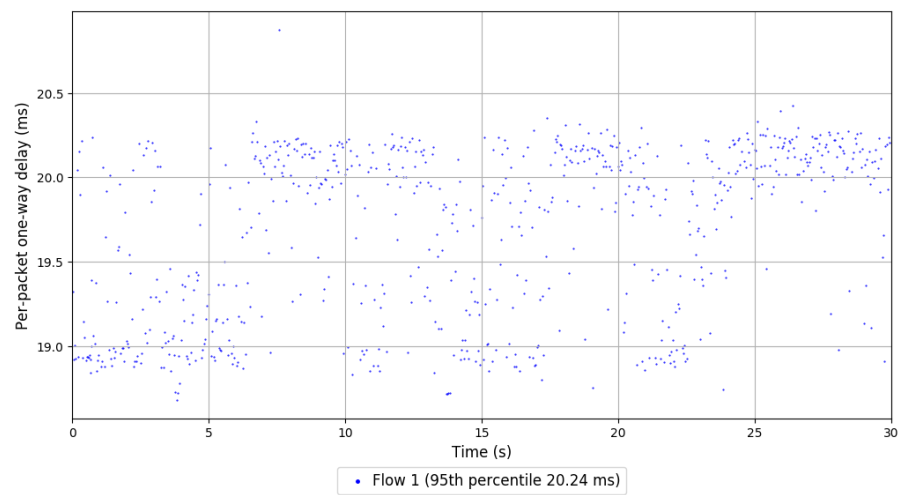
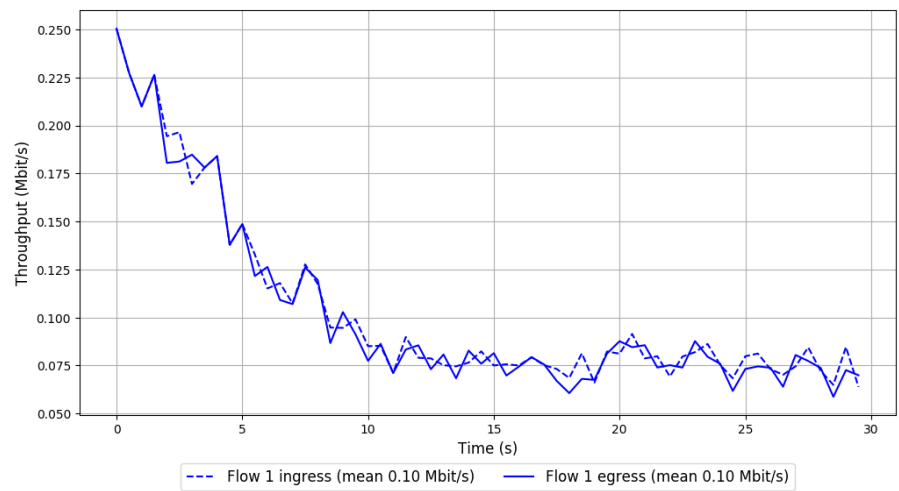
-- Flow 1:

Average throughput: 0.10 Mbit/s

95th percentile per-packet one-way delay: 20.236 ms

Loss rate: 1.71%

Run 2: Report of SReAM — Data Link

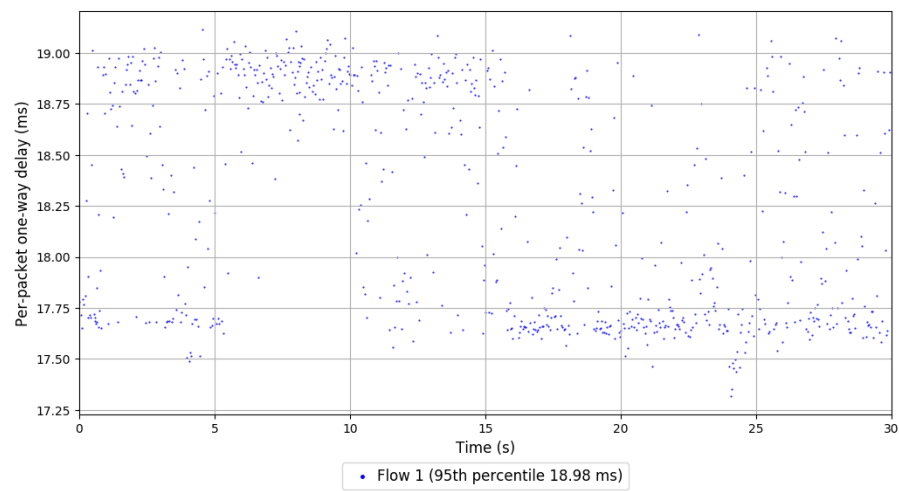
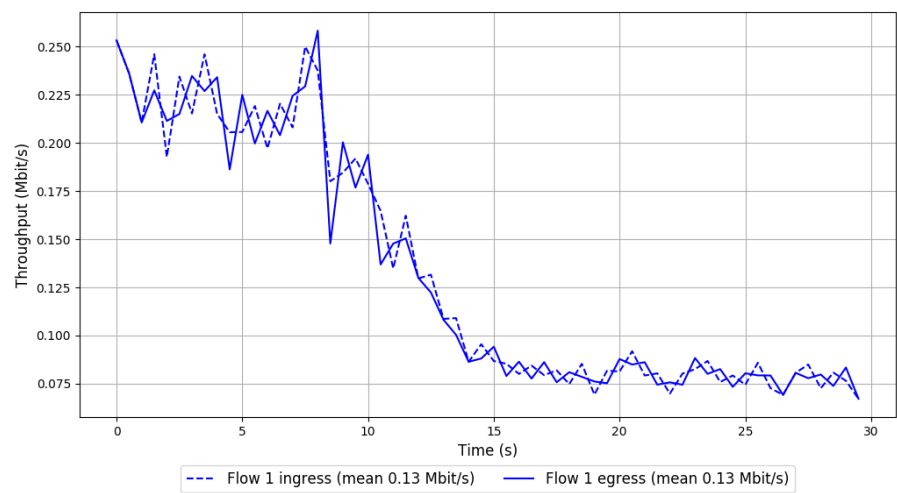


Run 3: Statistics of SCReAM

Start at: 2018-02-20 02:42:02
End at: 2018-02-20 02:42:32
Local clock offset: 0.55 ms
Remote clock offset: -5.902 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 18.982 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 18.982 ms
Loss rate: 0.76%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SCReAM

Start at: 2018-02-20 03:08:39

End at: 2018-02-20 03:09:09

Local clock offset: 0.372 ms

Remote clock offset: -6.66 ms

Below is generated by plot.py at 2018-02-20 08:42:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.10 Mbit/s

95th percentile per-packet one-way delay: 20.415 ms

Loss rate: 1.31%

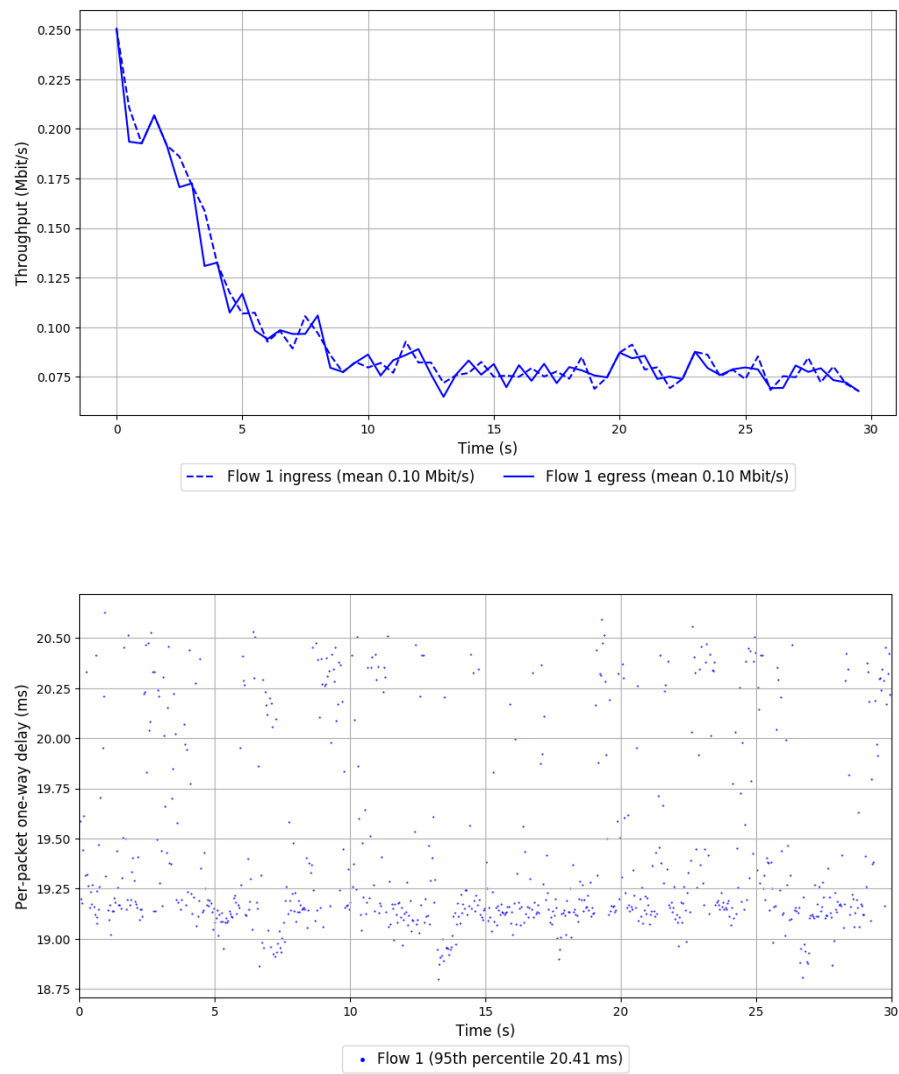
-- Flow 1:

Average throughput: 0.10 Mbit/s

95th percentile per-packet one-way delay: 20.415 ms

Loss rate: 1.31%

Run 4: Report of SReAM — Data Link

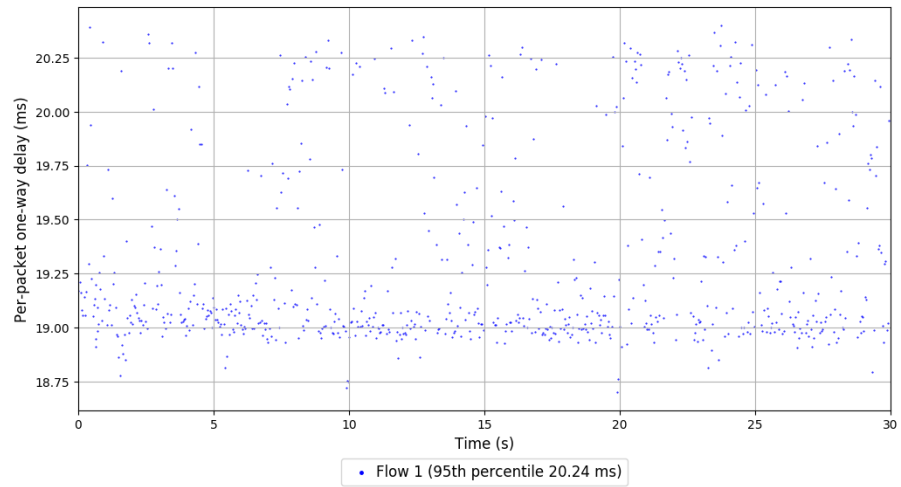
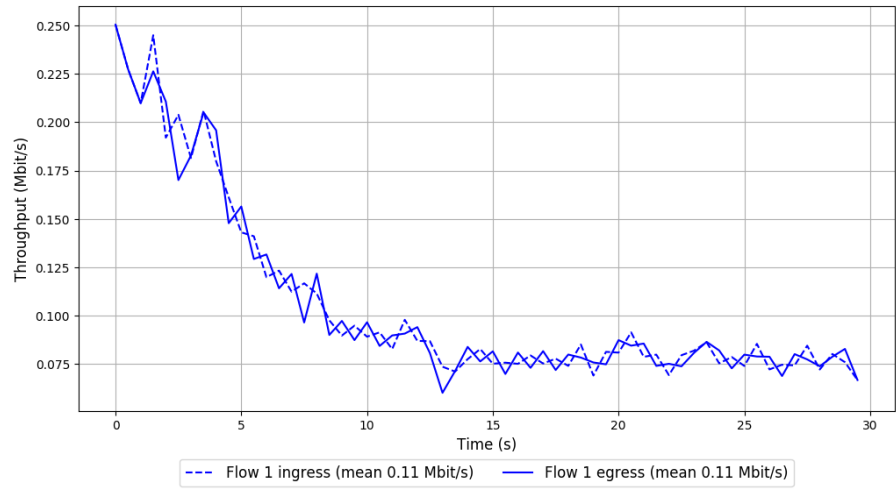


Run 5: Statistics of SCReAM

Start at: 2018-02-20 03:35:35
End at: 2018-02-20 03:36:05
Local clock offset: 0.213 ms
Remote clock offset: -5.399 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 20.243 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 20.243 ms
Loss rate: 0.63%

Run 5: Report of SReAM — Data Link

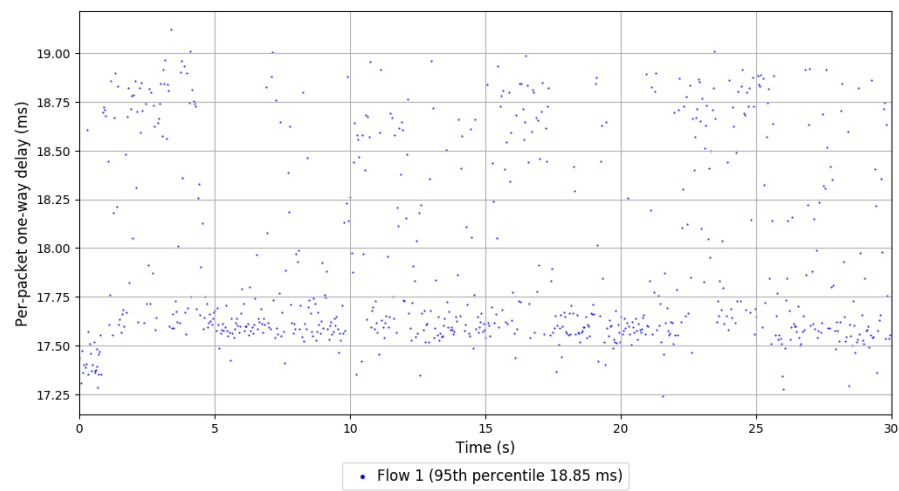
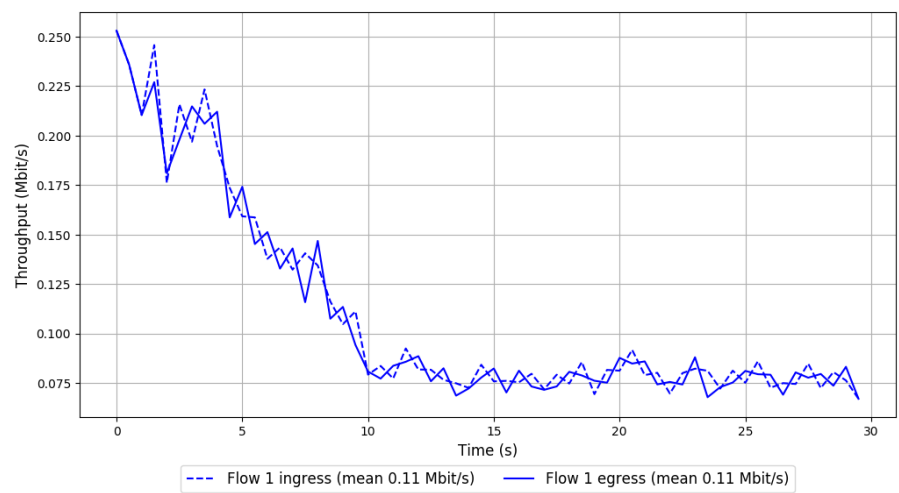


Run 6: Statistics of SCReAM

Start at: 2018-02-20 04:02:05
End at: 2018-02-20 04:02:35
Local clock offset: 0.018 ms
Remote clock offset: -5.046 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 18.849 ms
Loss rate: 1.02%
-- Flow 1:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 18.849 ms
Loss rate: 1.02%

Run 6: Report of SReAM — Data Link

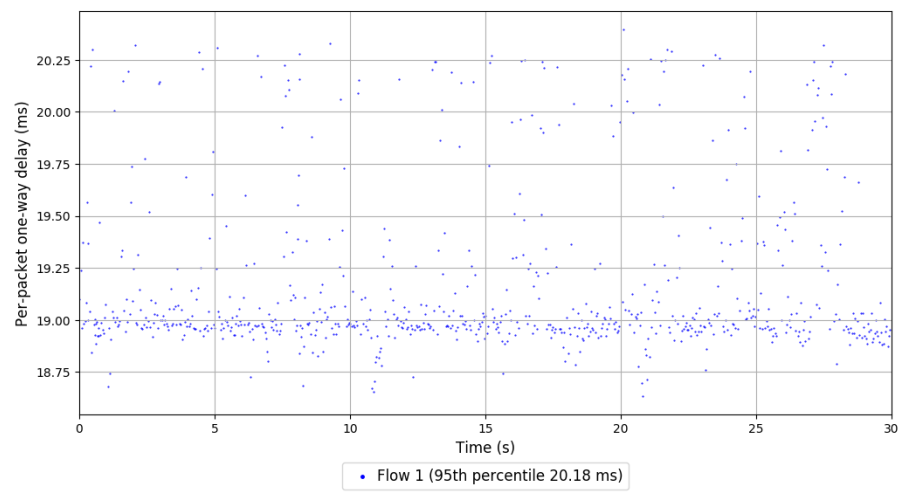
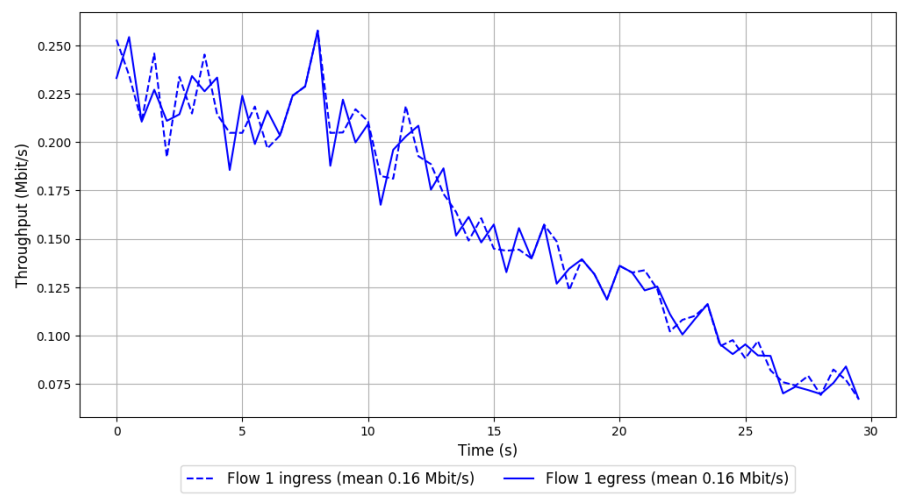


Run 7: Statistics of SCReAM

Start at: 2018-02-20 04:28:43
End at: 2018-02-20 04:29:13
Local clock offset: 1.558 ms
Remote clock offset: -4.878 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 20.181 ms
Loss rate: 0.53%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 20.181 ms
Loss rate: 0.53%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SCReAM

Start at: 2018-02-20 04:55:21

End at: 2018-02-20 04:55:51

Local clock offset: 1.742 ms

Remote clock offset: -4.64 ms

Below is generated by plot.py at 2018-02-20 08:42:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.146 ms

Loss rate: 0.00%

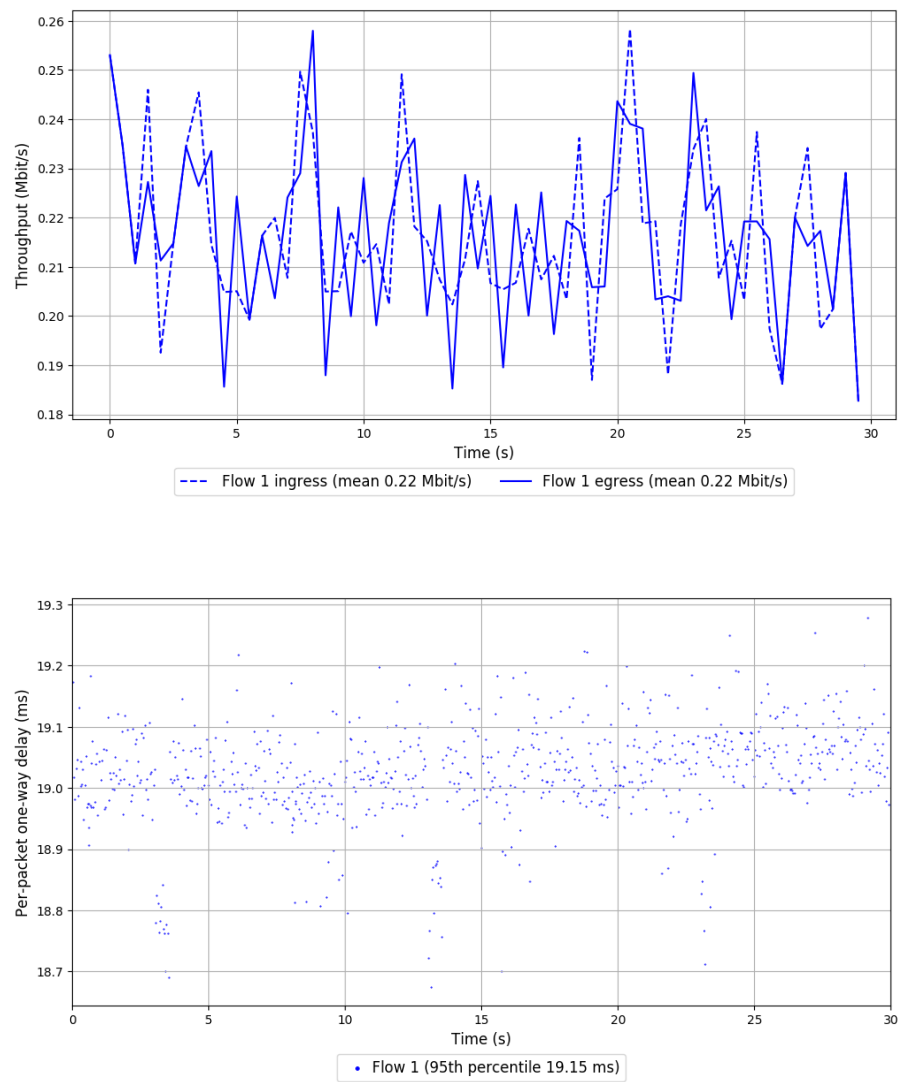
-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 19.146 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

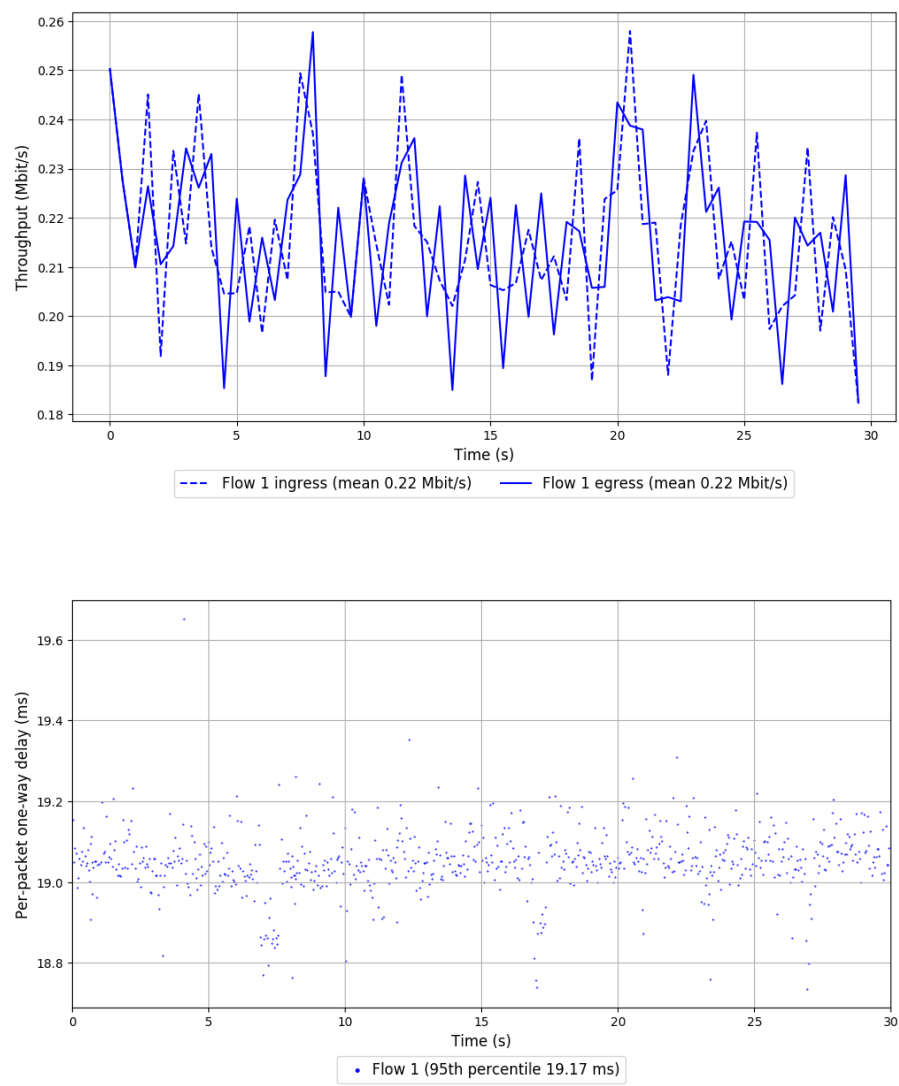


Run 9: Statistics of SCReAM

Start at: 2018-02-20 05:22:26
End at: 2018-02-20 05:22:56
Local clock offset: 2.569 ms
Remote clock offset: -6.502 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.171 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.171 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

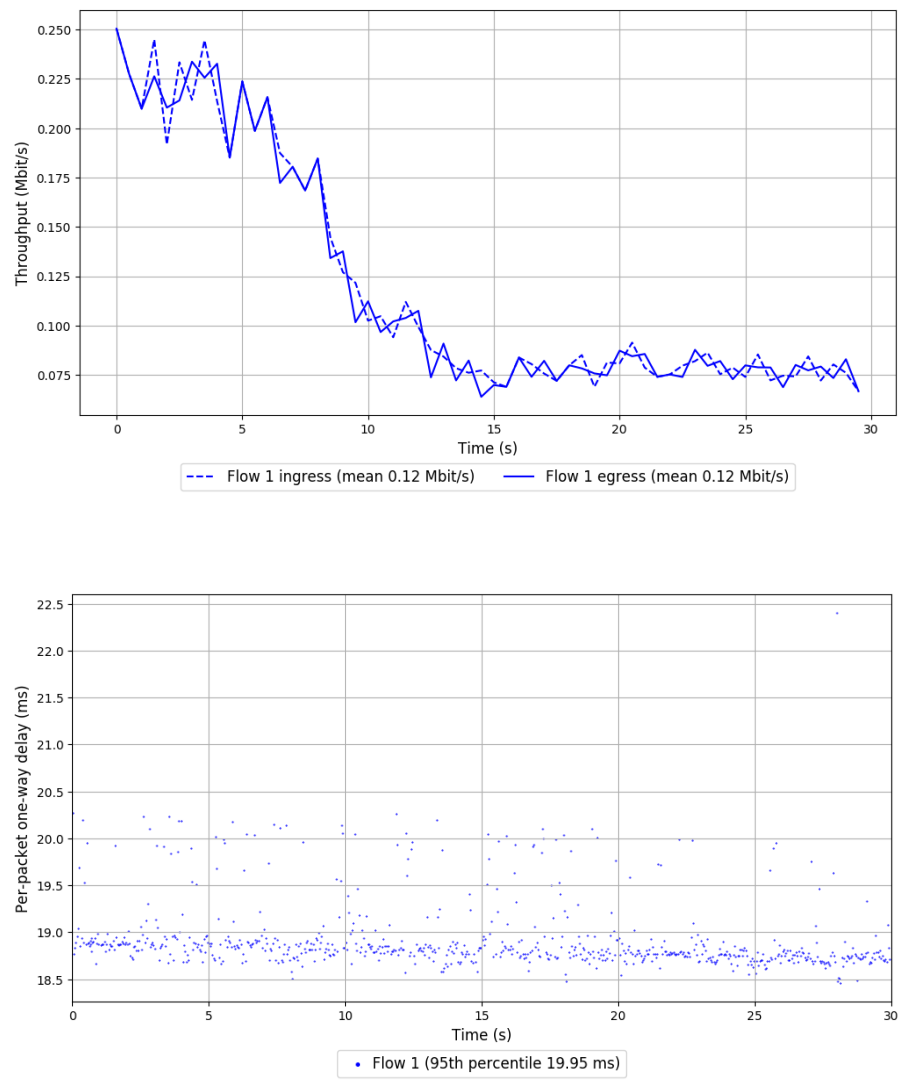


Run 10: Statistics of SReAM

Start at: 2018-02-20 05:49:45
End at: 2018-02-20 05:50:15
Local clock offset: 3.208 ms
Remote clock offset: -6.212 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 19.952 ms
Loss rate: 0.66%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 19.952 ms
Loss rate: 0.66%

Run 10: Report of SCReAM — Data Link

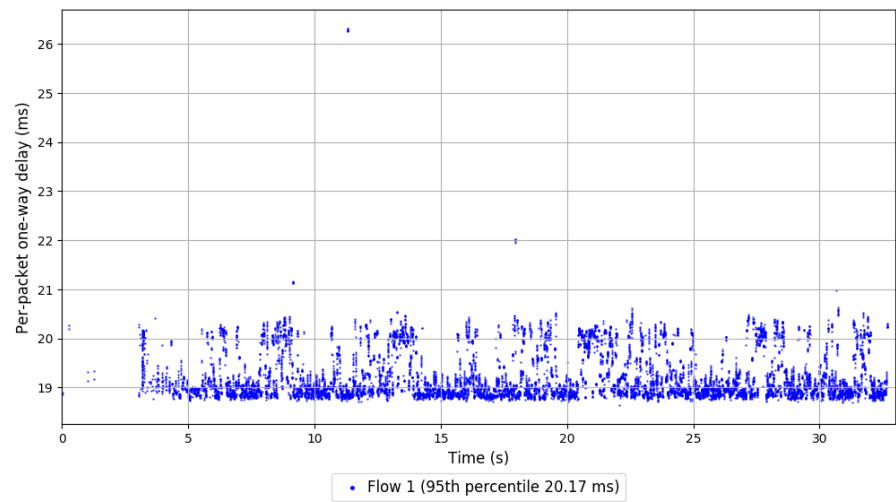
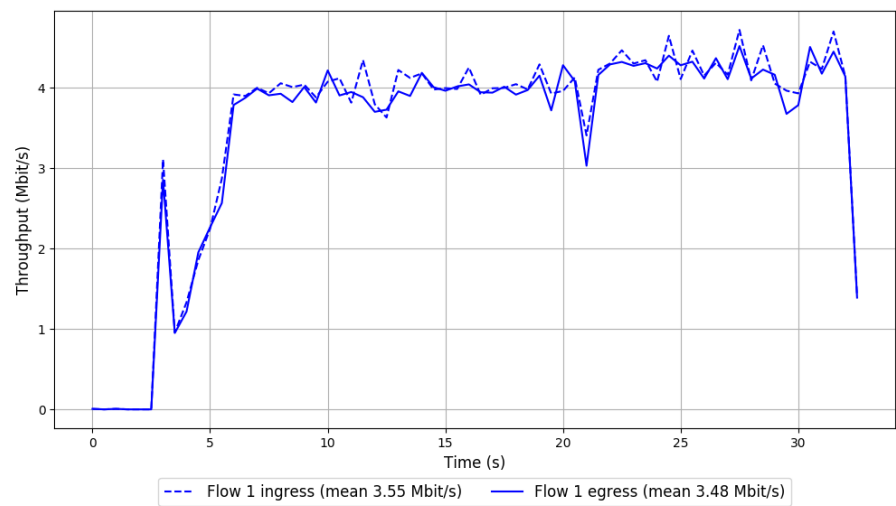


Run 1: Statistics of WebRTC media

Start at: 2018-02-20 02:00:38
End at: 2018-02-20 02:01:08
Local clock offset: 1.227 ms
Remote clock offset: -3.912 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.48 Mbit/s
95th percentile per-packet one-way delay: 20.169 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 3.48 Mbit/s
95th percentile per-packet one-way delay: 20.169 ms
Loss rate: 1.79%

Run 1: Report of WebRTC media — Data Link

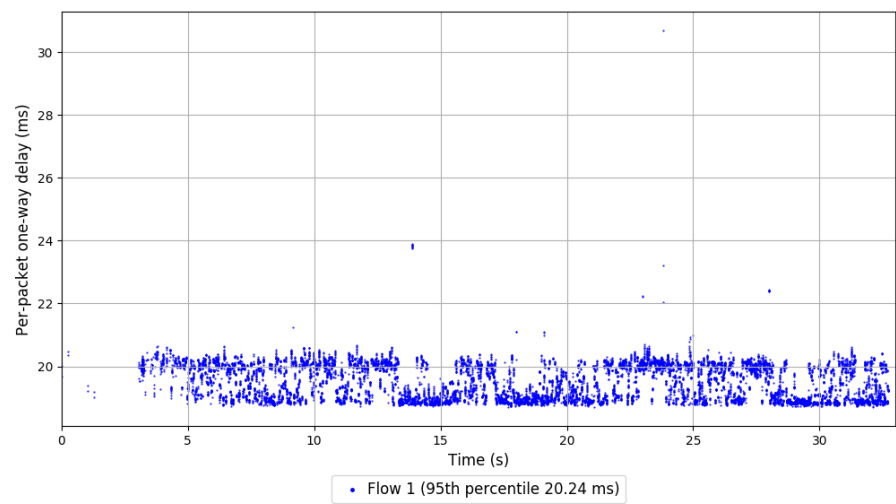
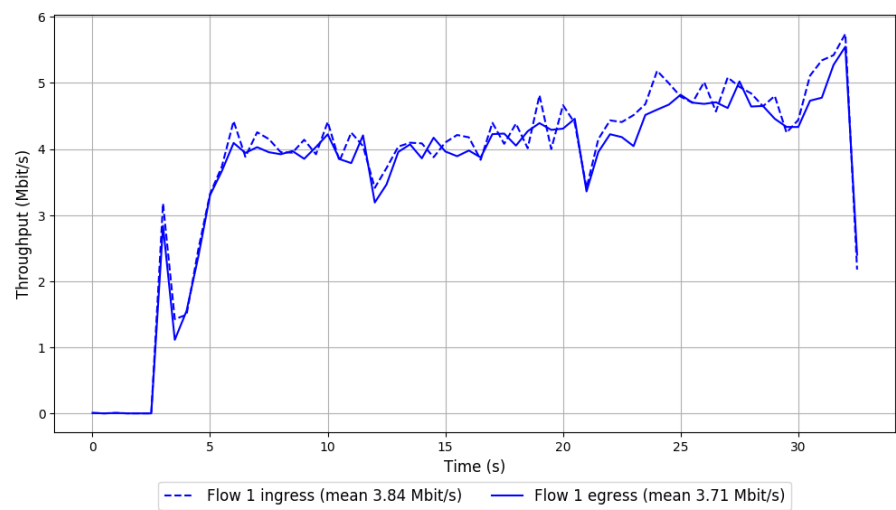


Run 2: Statistics of WebRTC media

Start at: 2018-02-20 02:27:15
End at: 2018-02-20 02:27:45
Local clock offset: 0.971 ms
Remote clock offset: -5.417 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.71 Mbit/s
95th percentile per-packet one-way delay: 20.244 ms
Loss rate: 3.25%
-- Flow 1:
Average throughput: 3.71 Mbit/s
95th percentile per-packet one-way delay: 20.244 ms
Loss rate: 3.25%

Run 2: Report of WebRTC media — Data Link

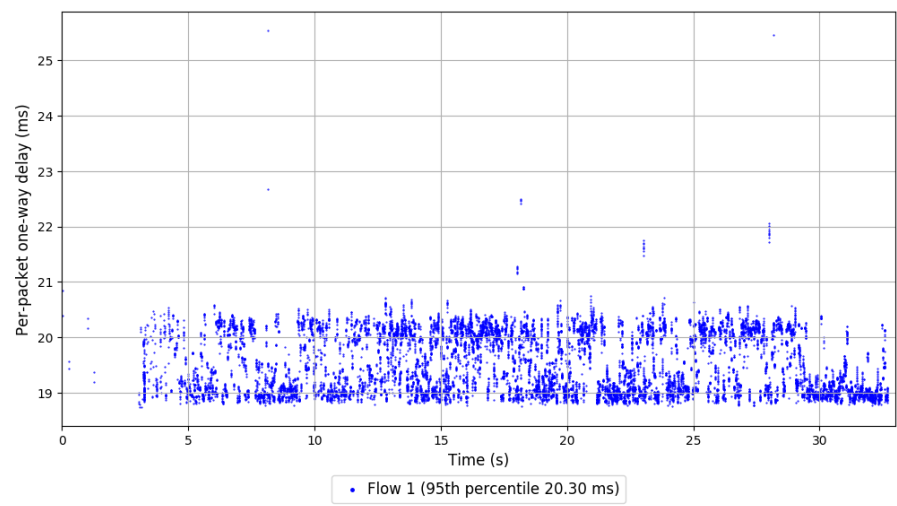
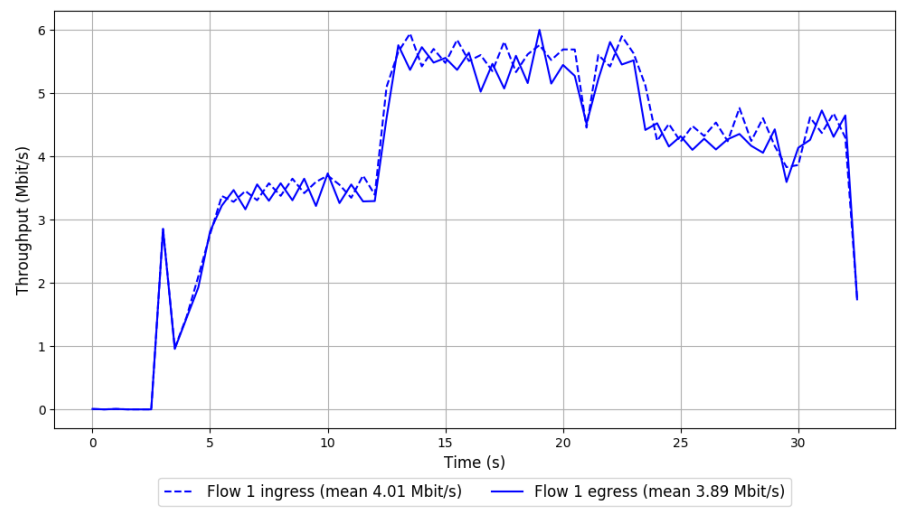


Run 3: Statistics of WebRTC media

Start at: 2018-02-20 02:53:50
End at: 2018-02-20 02:54:20
Local clock offset: 0.393 ms
Remote clock offset: -6.357 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.89 Mbit/s
95th percentile per-packet one-way delay: 20.303 ms
Loss rate: 2.83%
-- Flow 1:
Average throughput: 3.89 Mbit/s
95th percentile per-packet one-way delay: 20.303 ms
Loss rate: 2.83%

Run 3: Report of WebRTC media — Data Link

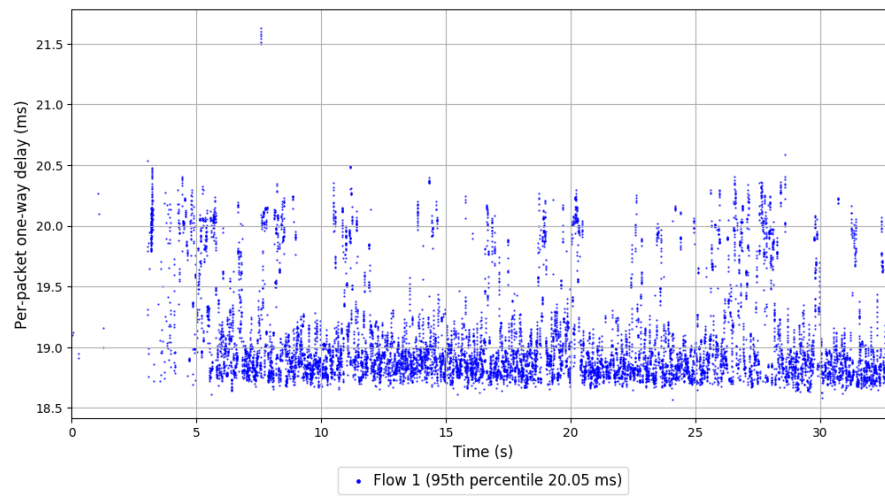
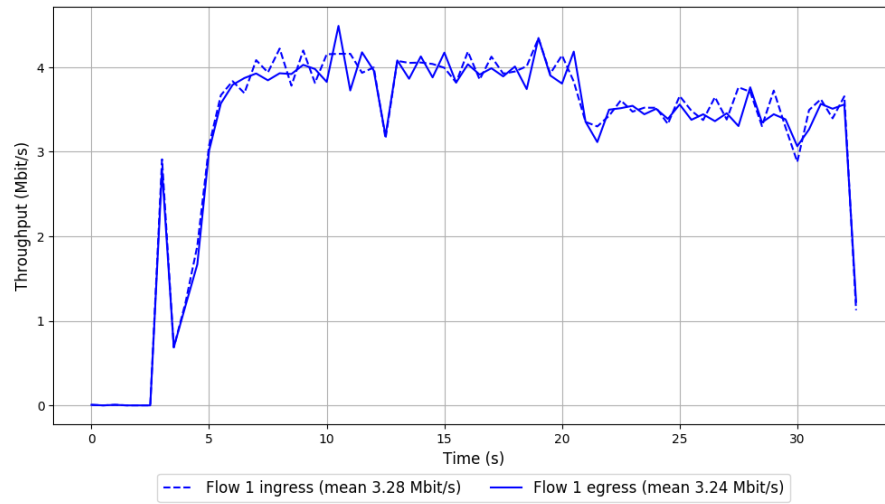


Run 4: Statistics of WebRTC media

Start at: 2018-02-20 03:20:21
End at: 2018-02-20 03:20:51
Local clock offset: 0.338 ms
Remote clock offset: -6.007 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.24 Mbit/s
95th percentile per-packet one-way delay: 20.052 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 3.24 Mbit/s
95th percentile per-packet one-way delay: 20.052 ms
Loss rate: 1.22%

Run 4: Report of WebRTC media — Data Link

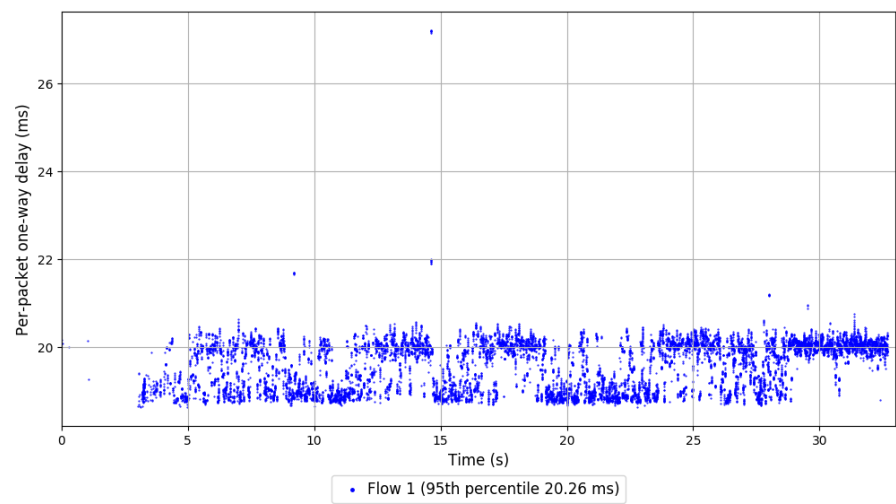
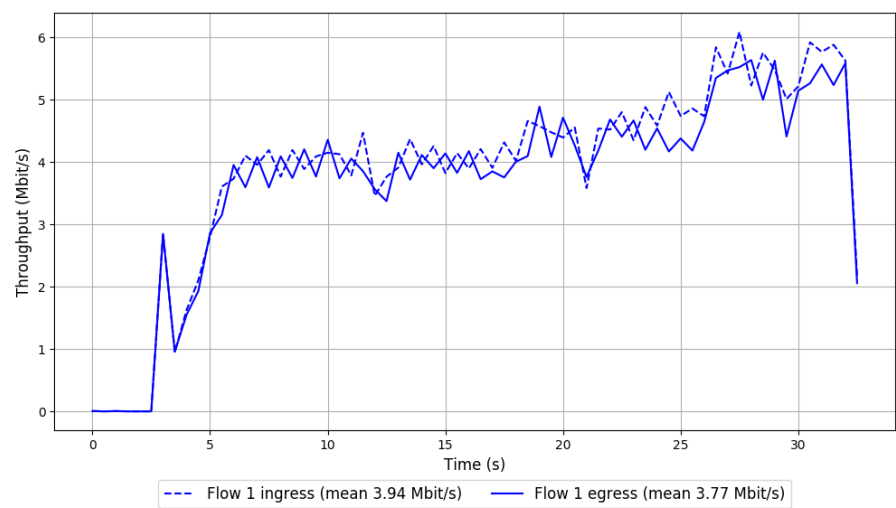


Run 5: Statistics of WebRTC media

Start at: 2018-02-20 03:47:03
End at: 2018-02-20 03:47:33
Local clock offset: 0.201 ms
Remote clock offset: -5.254 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.77 Mbit/s
95th percentile per-packet one-way delay: 20.261 ms
Loss rate: 4.22%
-- Flow 1:
Average throughput: 3.77 Mbit/s
95th percentile per-packet one-way delay: 20.261 ms
Loss rate: 4.22%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-02-20 04:13:50

End at: 2018-02-20 04:14:20

Local clock offset: 0.935 ms

Remote clock offset: -4.9 ms

Below is generated by plot.py at 2018-02-20 08:42:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 3.00 Mbit/s

95th percentile per-packet one-way delay: 19.891 ms

Loss rate: 0.47%

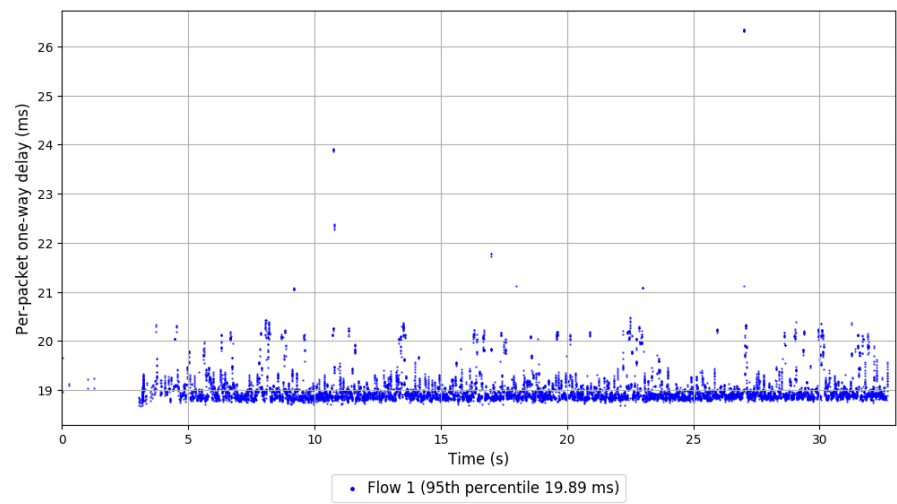
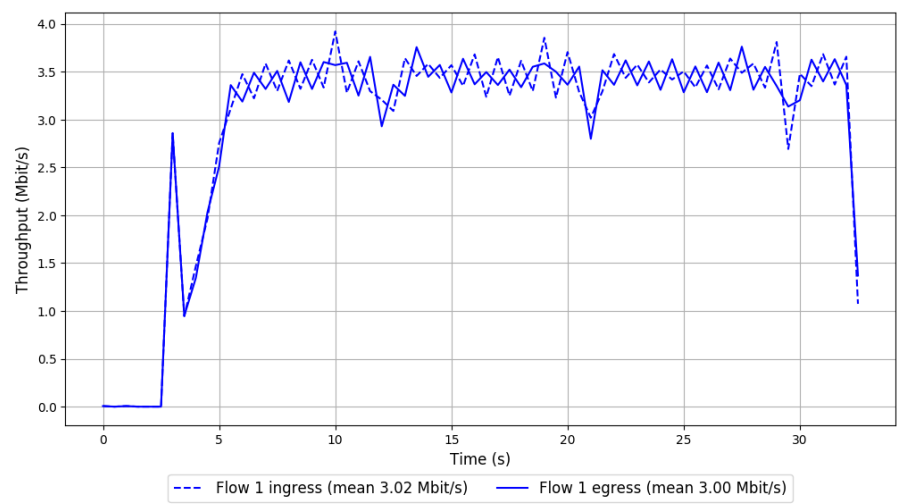
-- Flow 1:

Average throughput: 3.00 Mbit/s

95th percentile per-packet one-way delay: 19.891 ms

Loss rate: 0.47%

Run 6: Report of WebRTC media — Data Link

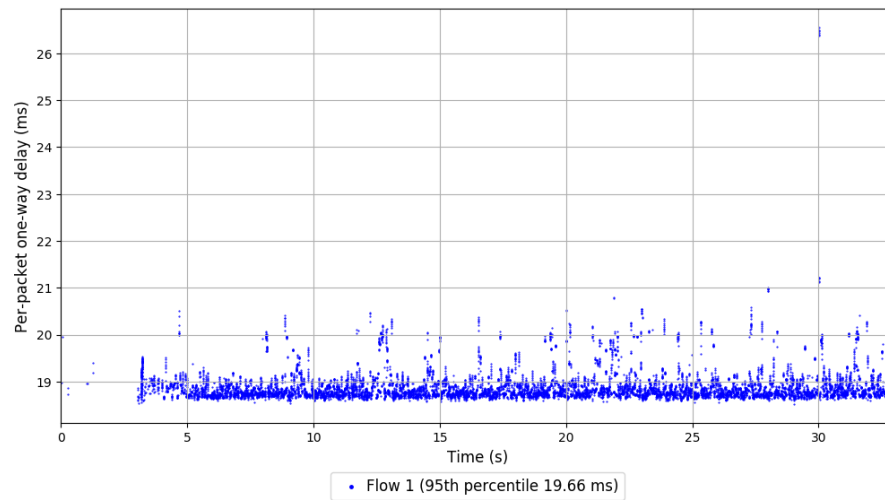
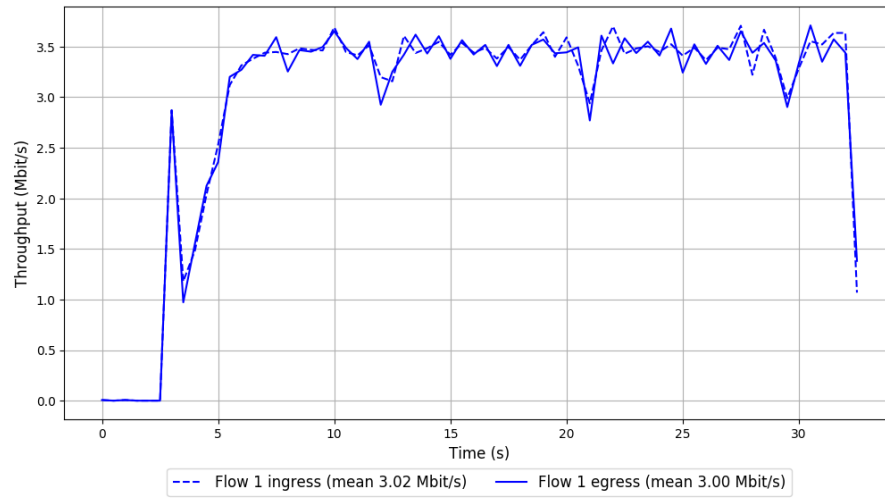


Run 7: Statistics of WebRTC media

Start at: 2018-02-20 04:40:27
End at: 2018-02-20 04:40:57
Local clock offset: 1.776 ms
Remote clock offset: -4.816 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 3.00 Mbit/s
95th percentile per-packet one-way delay: 19.665 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 3.00 Mbit/s
95th percentile per-packet one-way delay: 19.665 ms
Loss rate: 0.44%

Run 7: Report of WebRTC media — Data Link



Run 8: Statistics of WebRTC media

Start at: 2018-02-20 05:07:23

End at: 2018-02-20 05:07:53

Local clock offset: 1.806 ms

Remote clock offset: -5.93 ms

Below is generated by plot.py at 2018-02-20 08:42:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.78 Mbit/s

95th percentile per-packet one-way delay: 19.162 ms

Loss rate: 0.02%

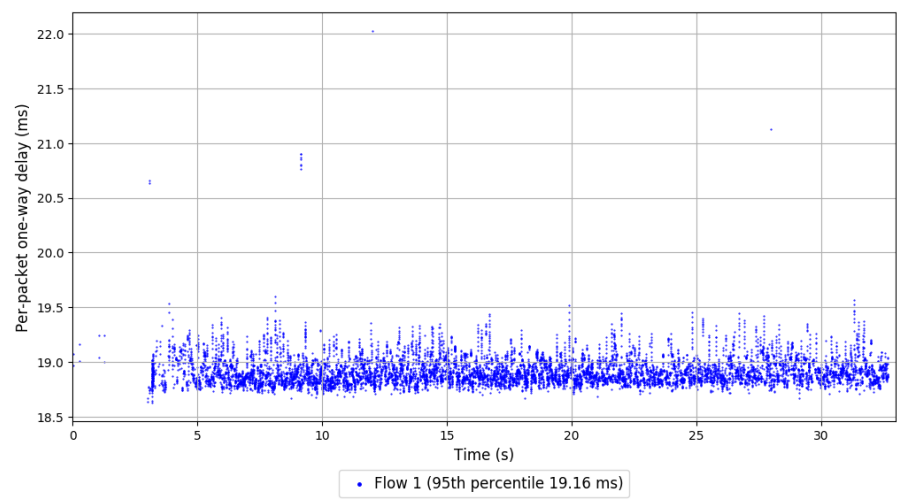
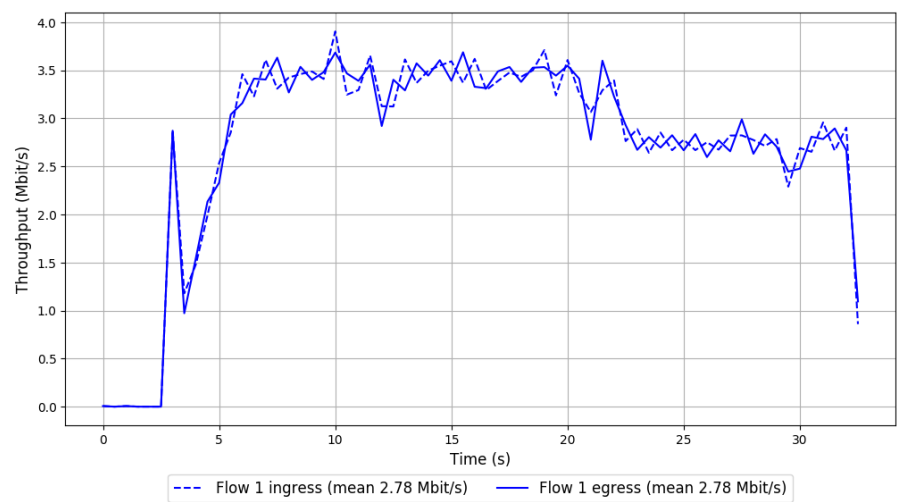
-- Flow 1:

Average throughput: 2.78 Mbit/s

95th percentile per-packet one-way delay: 19.162 ms

Loss rate: 0.02%

Run 8: Report of WebRTC media — Data Link

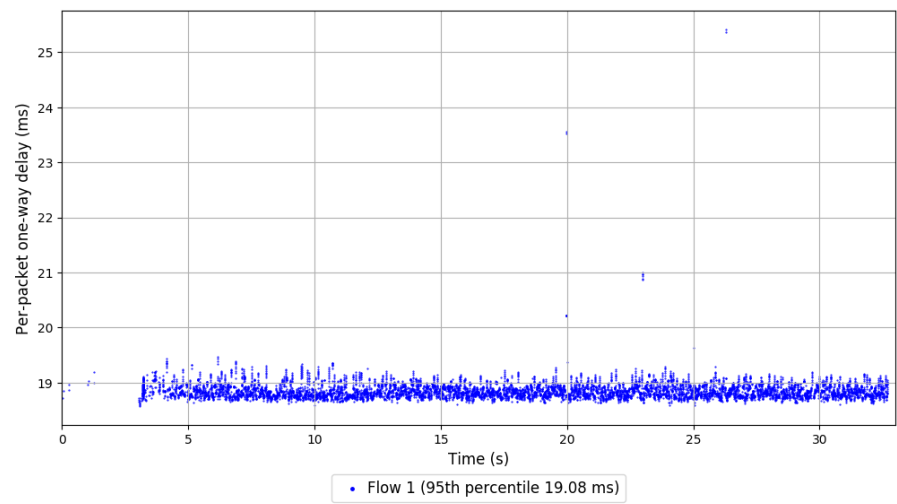
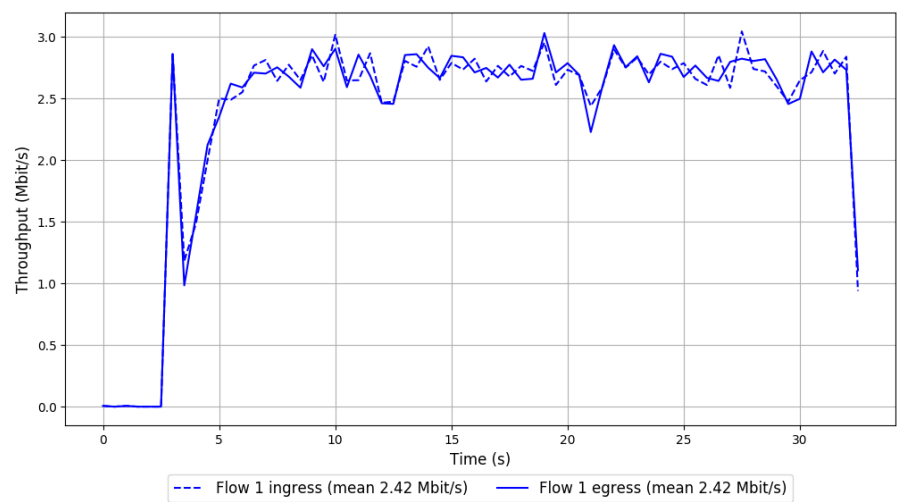


Run 9: Statistics of WebRTC media

Start at: 2018-02-20 05:34:26
End at: 2018-02-20 05:34:56
Local clock offset: 3.114 ms
Remote clock offset: -6.464 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 19.077 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 19.077 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-02-20 06:01:28

End at: 2018-02-20 06:01:58

Local clock offset: 1.649 ms

Remote clock offset: -6.231 ms

Below is generated by plot.py at 2018-02-20 08:42:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.95 Mbit/s

95th percentile per-packet one-way delay: 19.898 ms

Loss rate: 0.68%

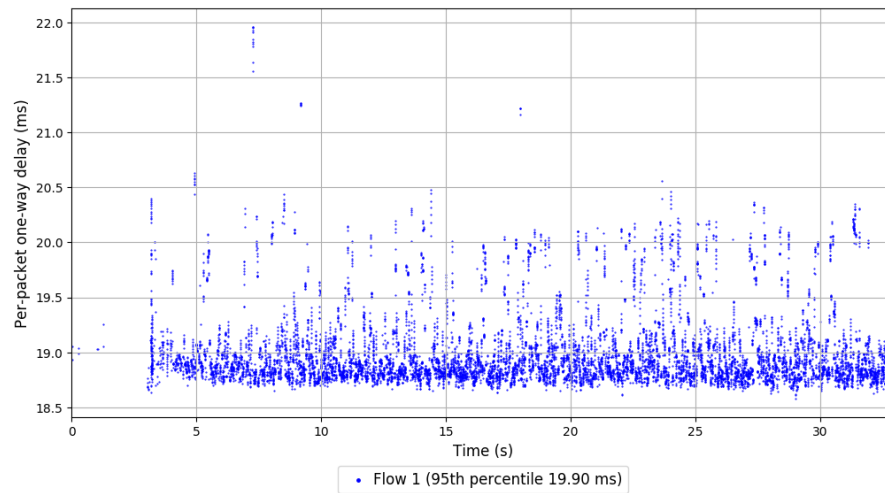
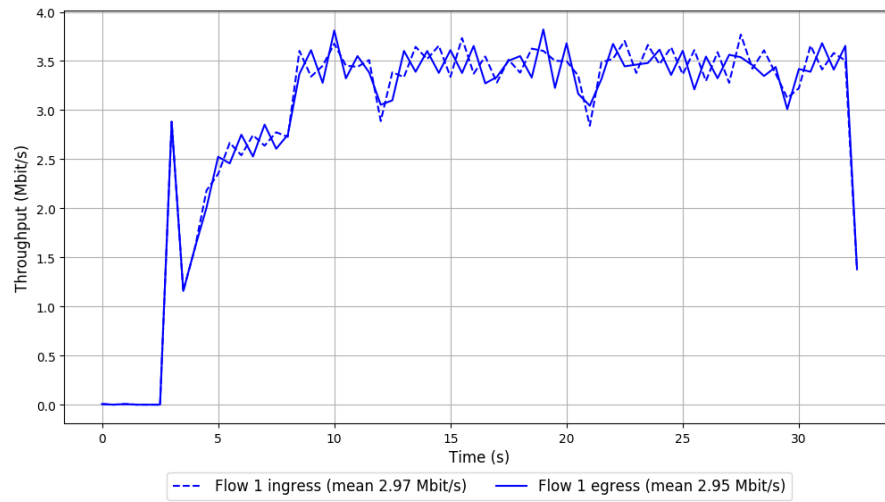
-- Flow 1:

Average throughput: 2.95 Mbit/s

95th percentile per-packet one-way delay: 19.898 ms

Loss rate: 0.68%

Run 10: Report of WebRTC media — Data Link

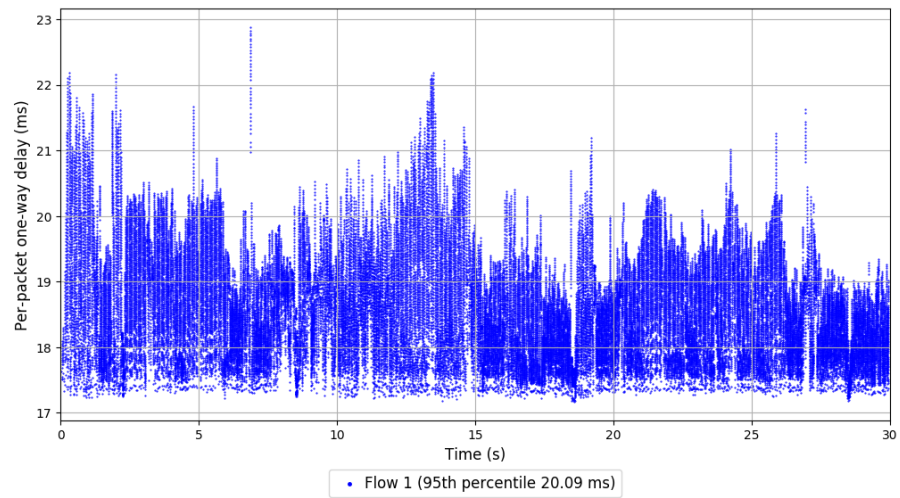
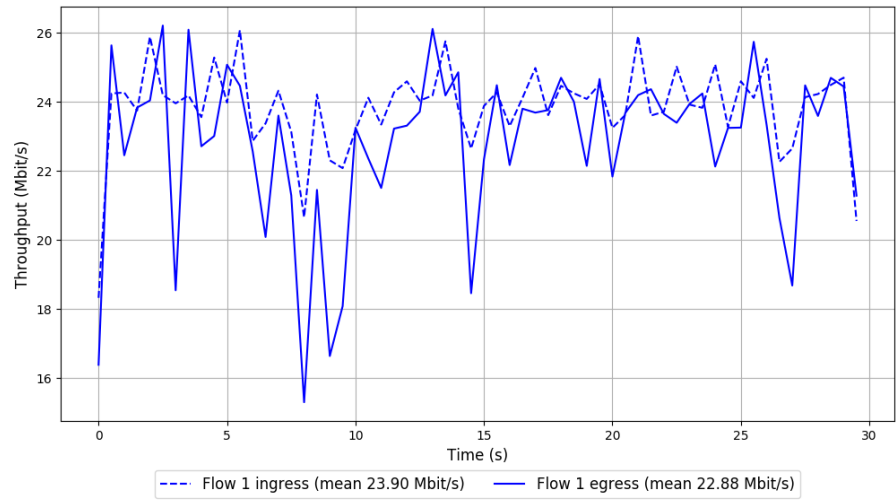


Run 1: Statistics of Sprout

Start at: 2018-02-20 01:50:28
End at: 2018-02-20 01:50:58
Local clock offset: 1.585 ms
Remote clock offset: -3.935 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 22.88 Mbit/s
95th percentile per-packet one-way delay: 20.089 ms
Loss rate: 4.28%
-- Flow 1:
Average throughput: 22.88 Mbit/s
95th percentile per-packet one-way delay: 20.089 ms
Loss rate: 4.28%

Run 1: Report of Sprout — Data Link

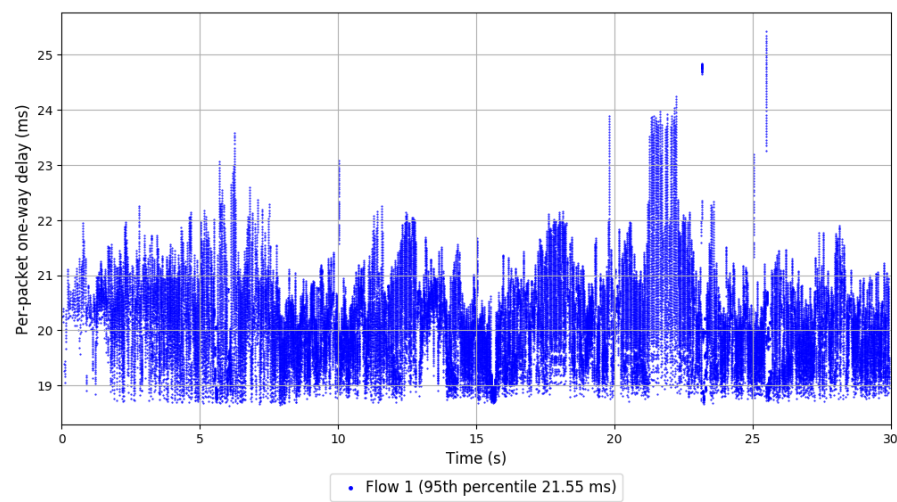
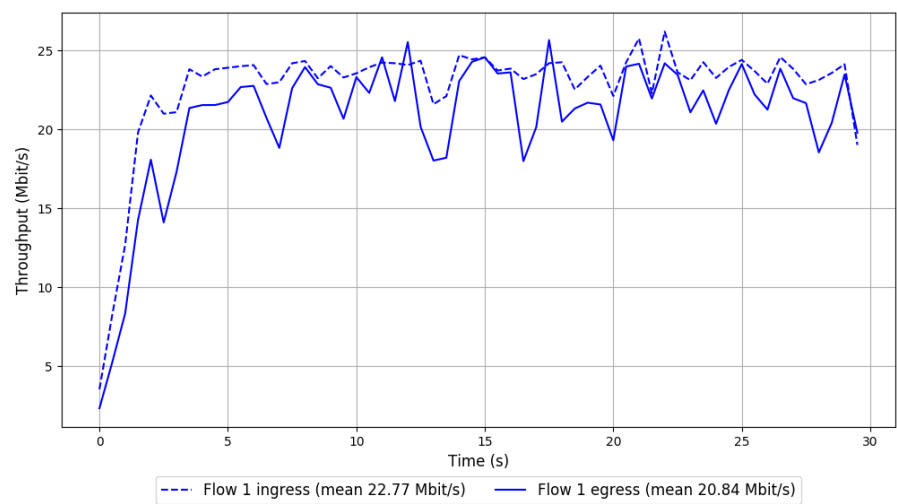


Run 2: Statistics of Sprout

Start at: 2018-02-20 02:17:01
End at: 2018-02-20 02:17:31
Local clock offset: 1.155 ms
Remote clock offset: -5.107 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 20.84 Mbit/s
95th percentile per-packet one-way delay: 21.547 ms
Loss rate: 8.49%
-- Flow 1:
Average throughput: 20.84 Mbit/s
95th percentile per-packet one-way delay: 21.547 ms
Loss rate: 8.49%

Run 2: Report of Sprout — Data Link

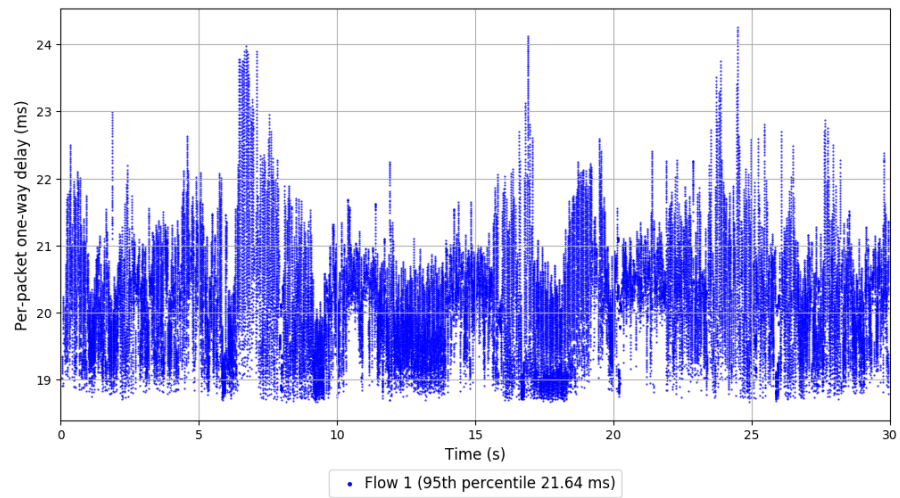
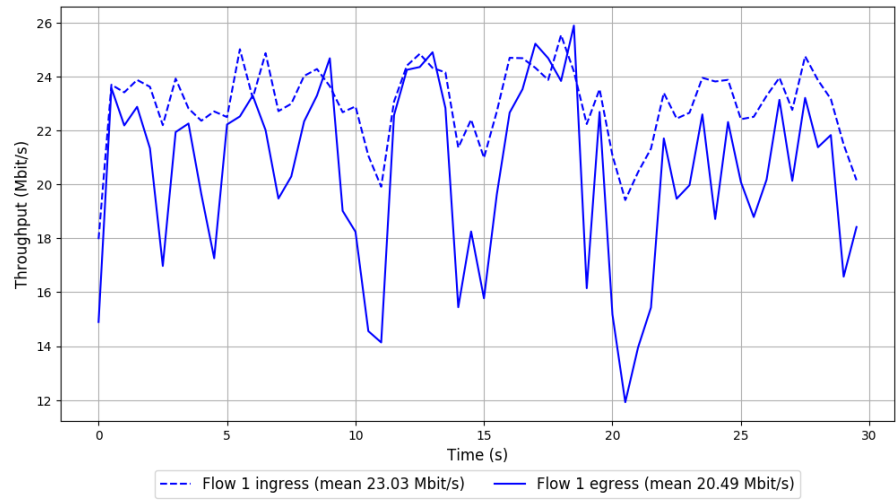


Run 3: Statistics of Sprout

Start at: 2018-02-20 02:43:20
End at: 2018-02-20 02:43:50
Local clock offset: 0.627 ms
Remote clock offset: -5.982 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 20.49 Mbit/s
95th percentile per-packet one-way delay: 21.642 ms
Loss rate: 11.01%
-- Flow 1:
Average throughput: 20.49 Mbit/s
95th percentile per-packet one-way delay: 21.642 ms
Loss rate: 11.01%

Run 3: Report of Sprout — Data Link

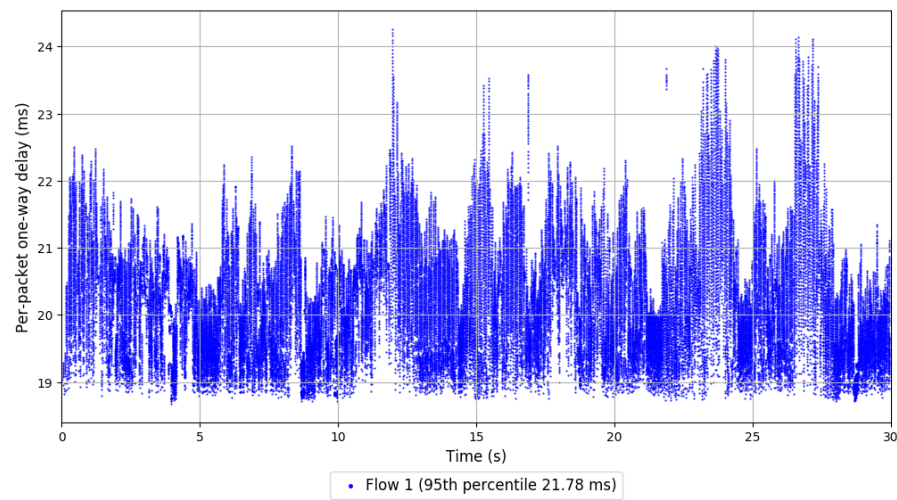
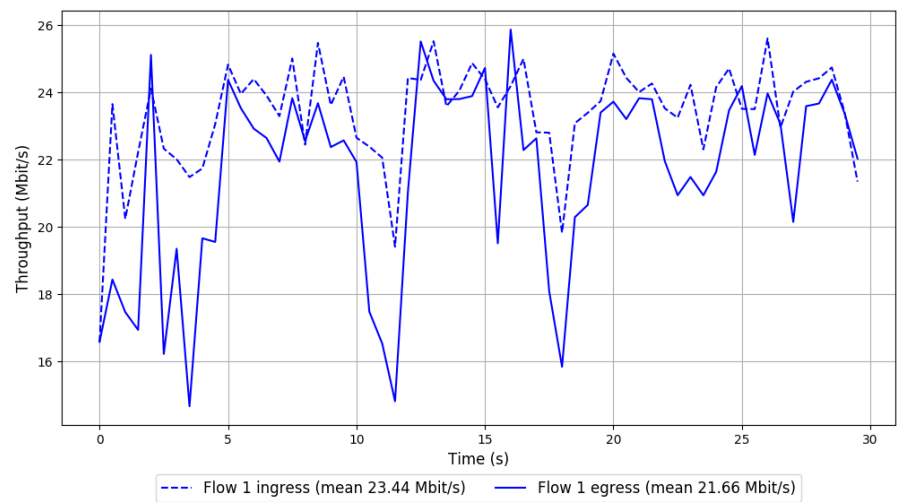


Run 4: Statistics of Sprout

Start at: 2018-02-20 03:09:57
End at: 2018-02-20 03:10:27
Local clock offset: 0.466 ms
Remote clock offset: -6.746 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 21.66 Mbit/s
95th percentile per-packet one-way delay: 21.782 ms
Loss rate: 7.59%
-- Flow 1:
Average throughput: 21.66 Mbit/s
95th percentile per-packet one-way delay: 21.782 ms
Loss rate: 7.59%

Run 4: Report of Sprout — Data Link

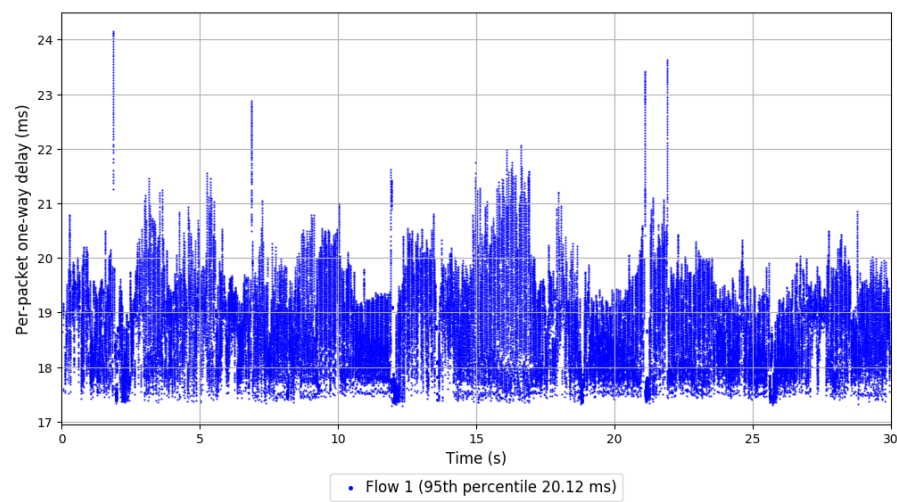
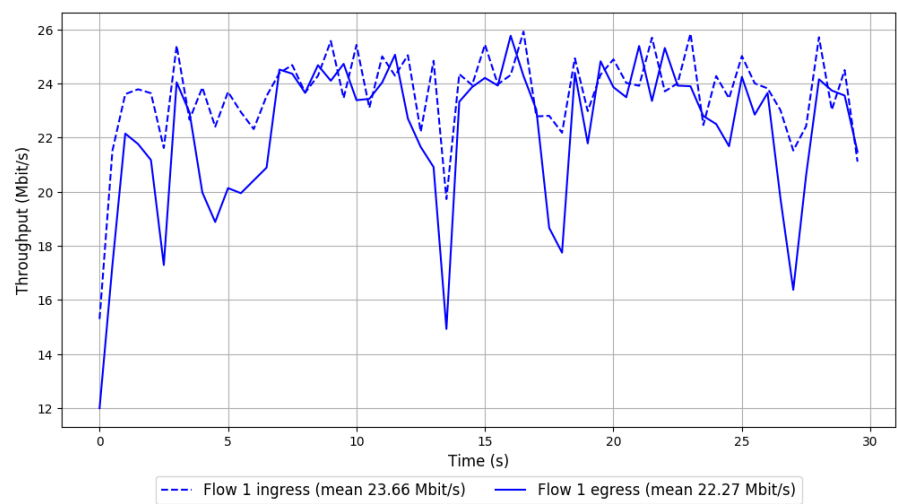


Run 5: Statistics of Sprout

Start at: 2018-02-20 03:36:53
End at: 2018-02-20 03:37:23
Local clock offset: 0.207 ms
Remote clock offset: -5.364 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 22.27 Mbit/s
95th percentile per-packet one-way delay: 20.121 ms
Loss rate: 5.85%
-- Flow 1:
Average throughput: 22.27 Mbit/s
95th percentile per-packet one-way delay: 20.121 ms
Loss rate: 5.85%

Run 5: Report of Sprout — Data Link

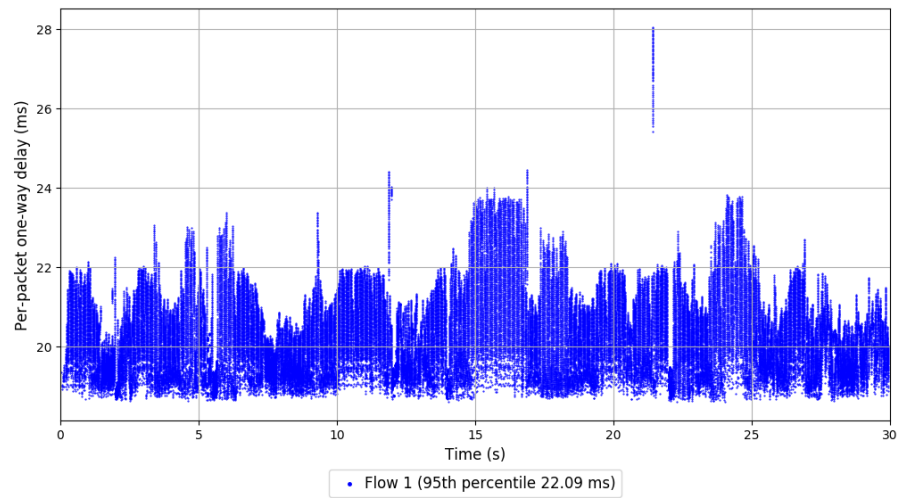
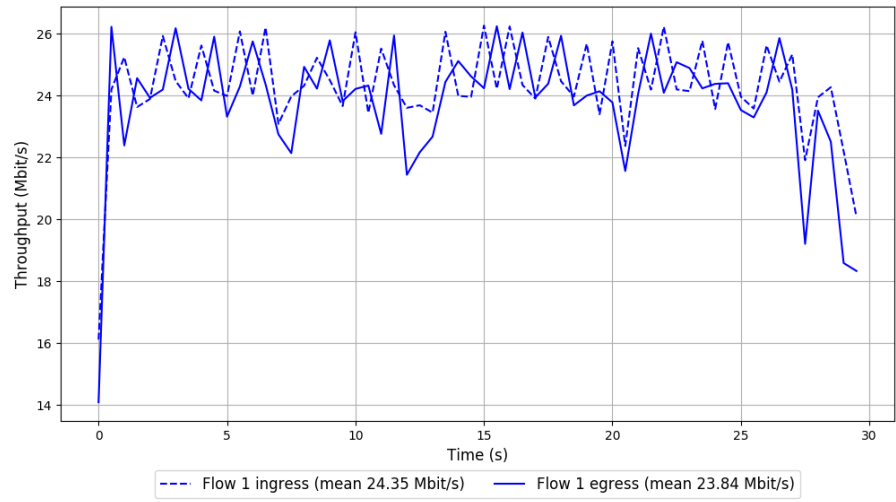


Run 6: Statistics of Sprout

Start at: 2018-02-20 04:03:23
End at: 2018-02-20 04:03:53
Local clock offset: 0.095 ms
Remote clock offset: -5.049 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 23.84 Mbit/s
95th percentile per-packet one-way delay: 22.095 ms
Loss rate: 2.09%
-- Flow 1:
Average throughput: 23.84 Mbit/s
95th percentile per-packet one-way delay: 22.095 ms
Loss rate: 2.09%

Run 6: Report of Sprout — Data Link

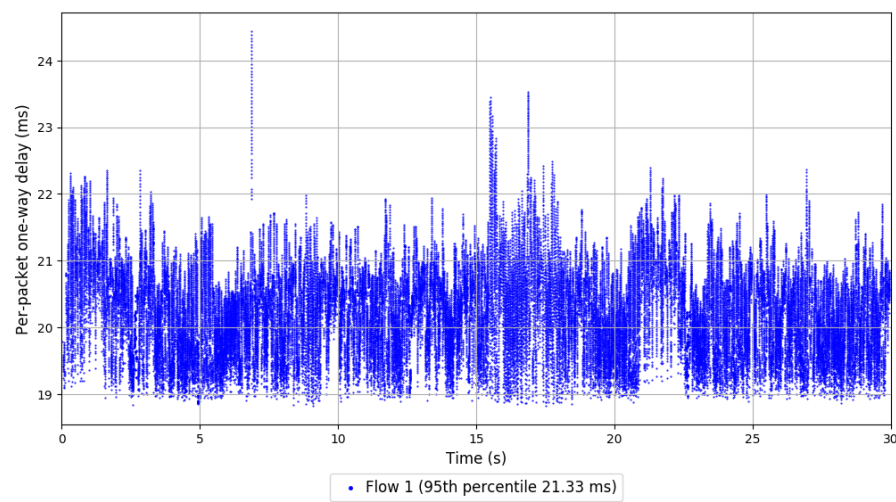
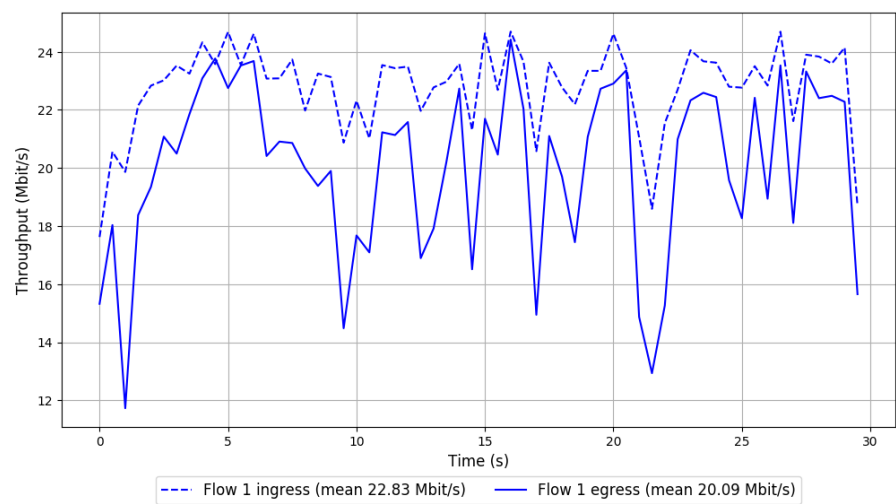


Run 7: Statistics of Sprout

Start at: 2018-02-20 04:30:02
End at: 2018-02-20 04:30:32
Local clock offset: 1.487 ms
Remote clock offset: -4.813 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 20.09 Mbit/s
95th percentile per-packet one-way delay: 21.329 ms
Loss rate: 12.01%
-- Flow 1:
Average throughput: 20.09 Mbit/s
95th percentile per-packet one-way delay: 21.329 ms
Loss rate: 12.01%

Run 7: Report of Sprout — Data Link

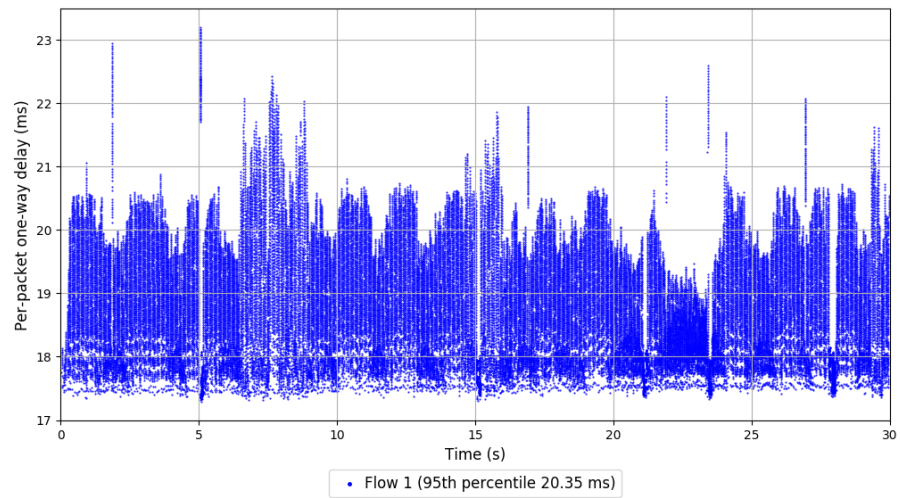
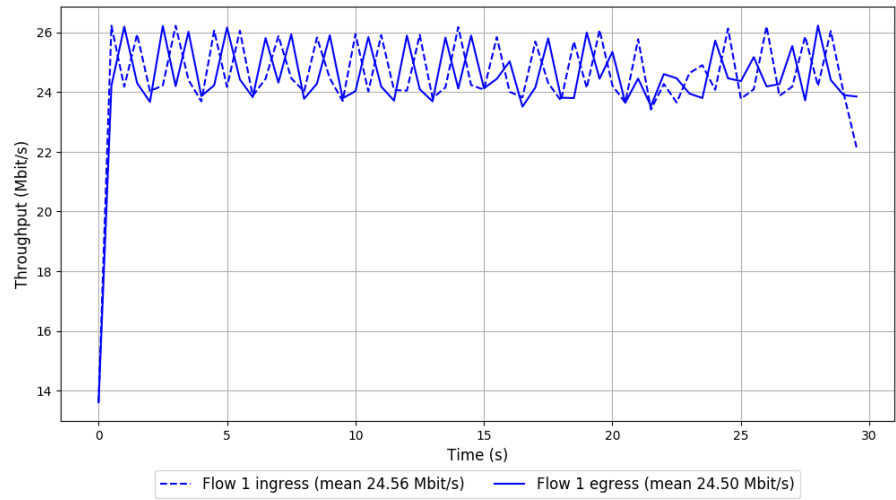


Run 8: Statistics of Sprout

Start at: 2018-02-20 04:56:39
End at: 2018-02-20 04:57:09
Local clock offset: 1.753 ms
Remote clock offset: -4.848 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 20.352 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 20.352 ms
Loss rate: 0.23%

Run 8: Report of Sprout — Data Link

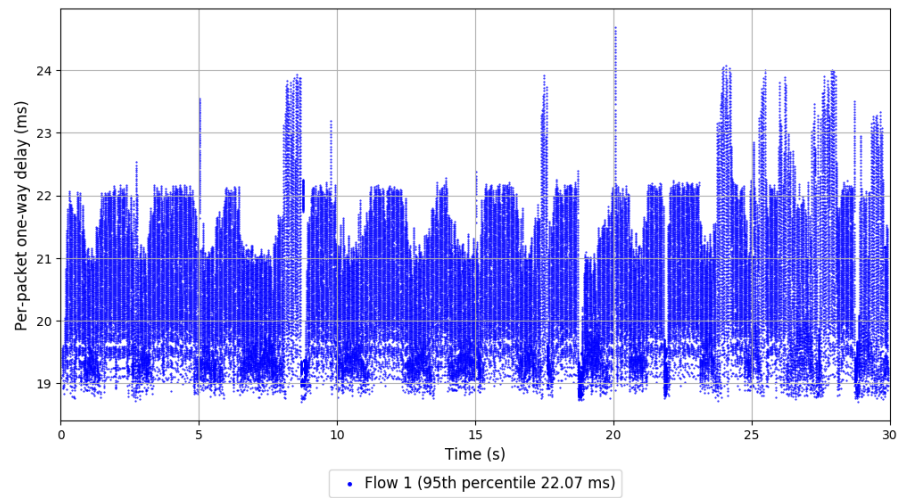
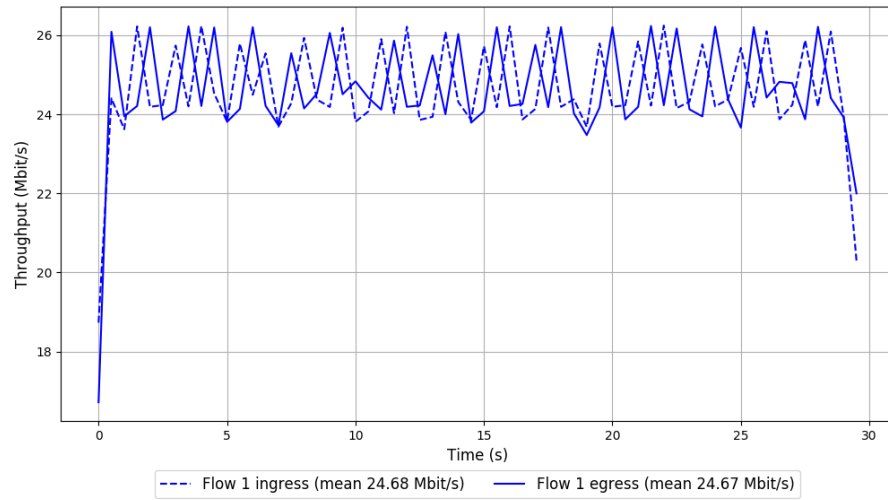


Run 9: Statistics of Sprout

Start at: 2018-02-20 05:23:45
End at: 2018-02-20 05:24:15
Local clock offset: 2.666 ms
Remote clock offset: -6.535 ms

Below is generated by plot.py at 2018-02-20 08:42:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 22.067 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.67 Mbit/s
95th percentile per-packet one-way delay: 22.067 ms
Loss rate: 0.06%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-02-20 05:51:03

End at: 2018-02-20 05:51:33

Local clock offset: 2.805 ms

Remote clock offset: -6.19 ms

Below is generated by plot.py at 2018-02-20 08:42:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 23.65 Mbit/s

95th percentile per-packet one-way delay: 21.712 ms

Loss rate: 1.96%

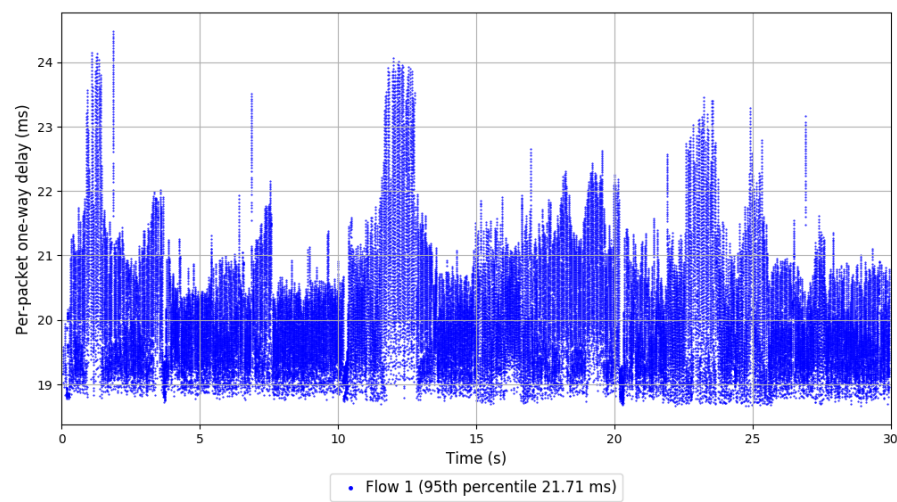
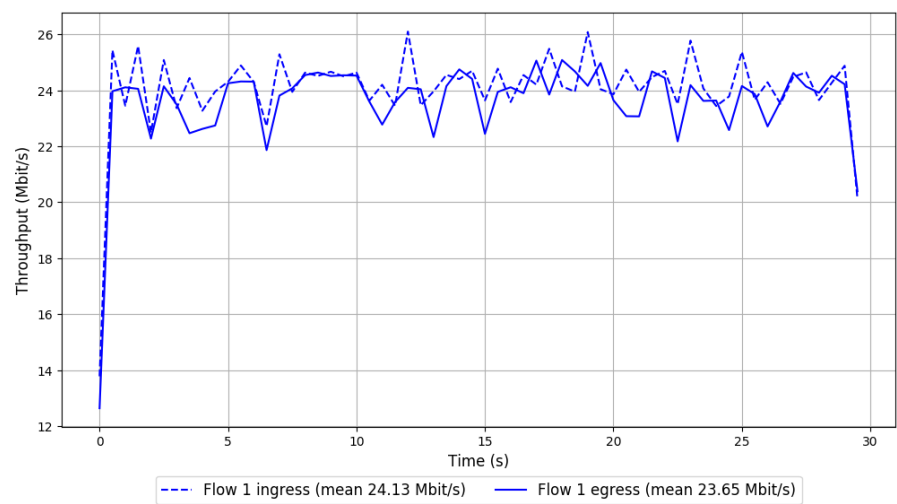
-- Flow 1:

Average throughput: 23.65 Mbit/s

95th percentile per-packet one-way delay: 21.712 ms

Loss rate: 1.96%

Run 10: Report of Sprout — Data Link



Run 1: Statistics of TaoVA-100x

Start at: 2018-02-20 01:47:39

End at: 2018-02-20 01:48:09

Local clock offset: 1.616 ms

Remote clock offset: -3.949 ms

Below is generated by plot.py at 2018-02-20 08:42:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 194.18 Mbit/s

95th percentile per-packet one-way delay: 19.914 ms

Loss rate: 0.73%

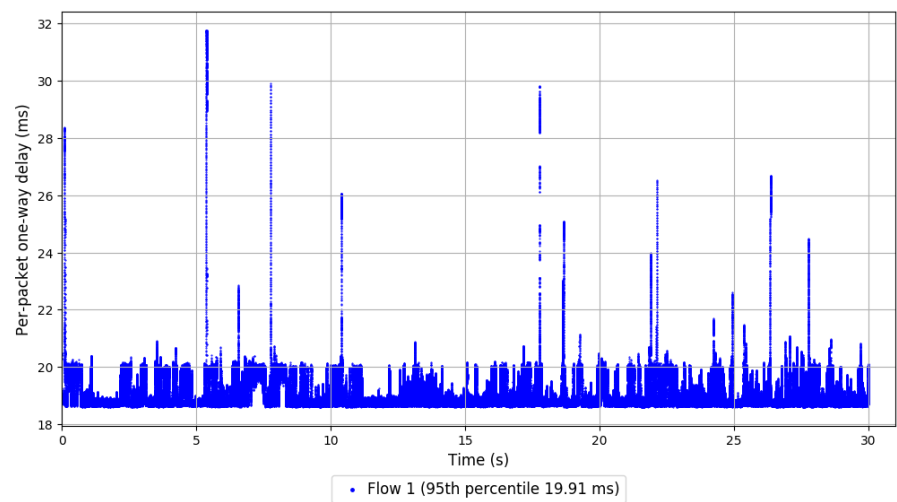
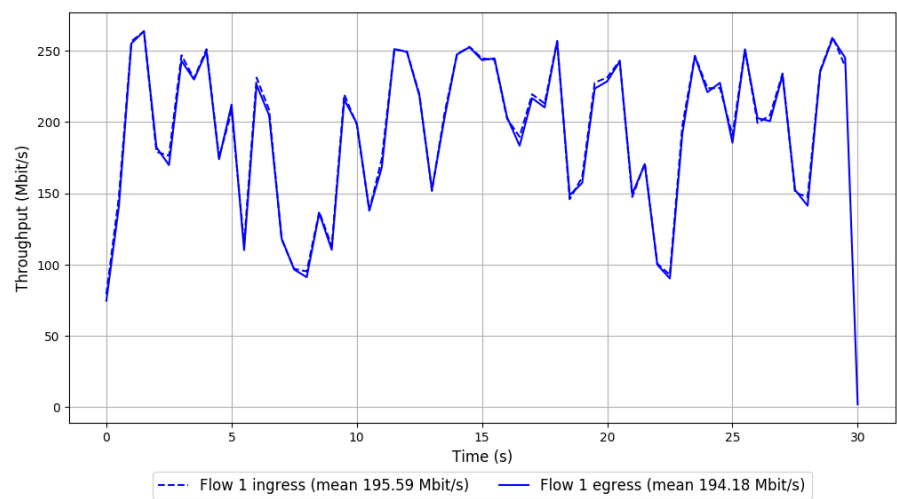
-- Flow 1:

Average throughput: 194.18 Mbit/s

95th percentile per-packet one-way delay: 19.914 ms

Loss rate: 0.73%

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



Run 2: Statistics of TaoVA-100x

Start at: 2018-02-20 02:14:18

End at: 2018-02-20 02:14:48

Local clock offset: 1.182 ms

Remote clock offset: -4.85 ms

Below is generated by plot.py at 2018-02-20 08:42:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 104.22 Mbit/s

95th percentile per-packet one-way delay: 20.077 ms

Loss rate: 1.48%

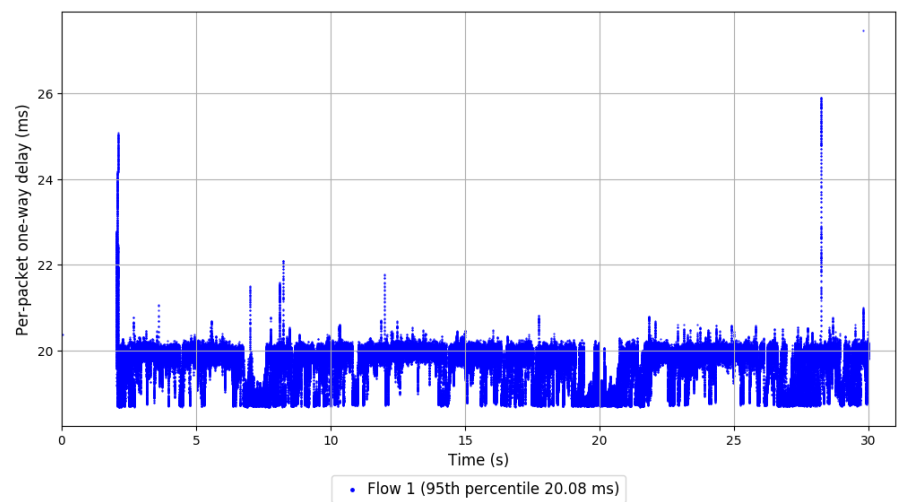
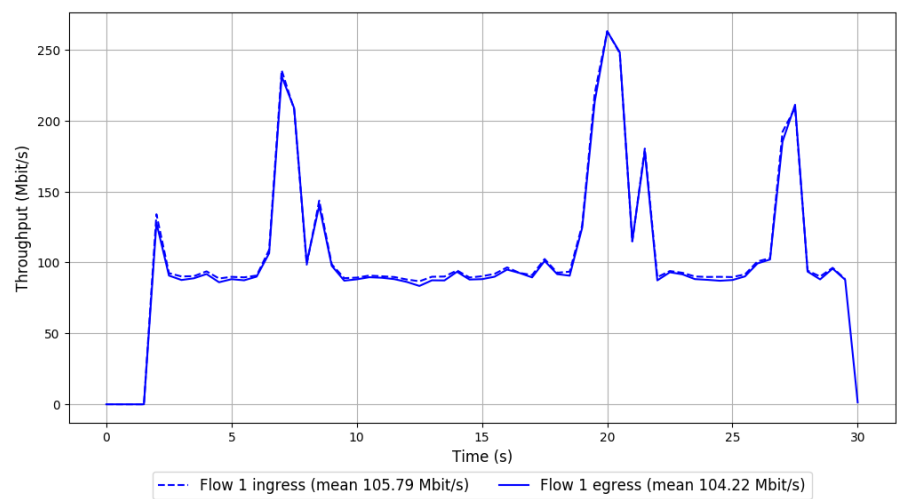
-- Flow 1:

Average throughput: 104.22 Mbit/s

95th percentile per-packet one-way delay: 20.077 ms

Loss rate: 1.48%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-02-20 02:40:32

End at: 2018-02-20 02:41:02

Local clock offset: 0.663 ms

Remote clock offset: -5.839 ms

Below is generated by plot.py at 2018-02-20 08:42:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 184.76 Mbit/s

95th percentile per-packet one-way delay: 19.986 ms

Loss rate: 1.06%

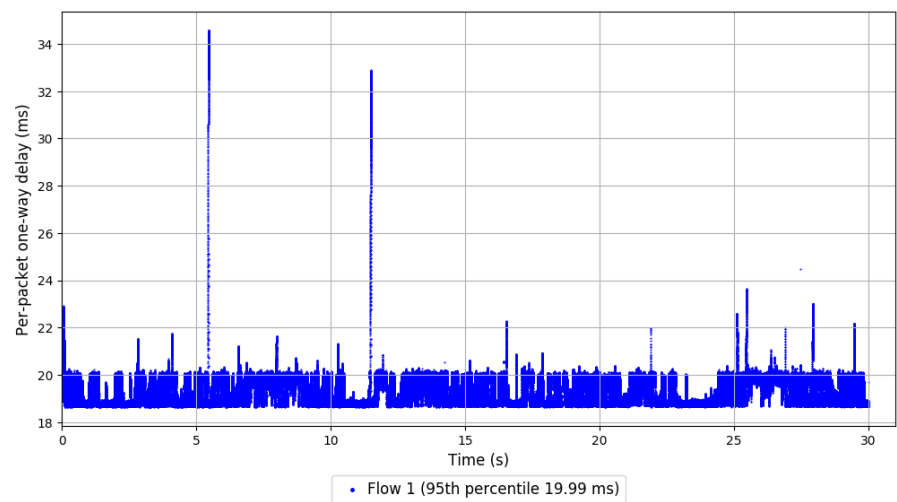
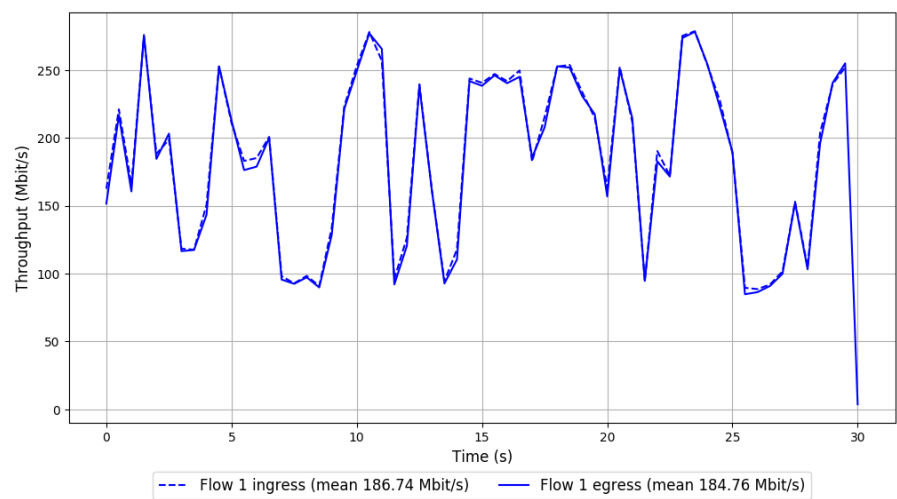
-- Flow 1:

Average throughput: 184.76 Mbit/s

95th percentile per-packet one-way delay: 19.986 ms

Loss rate: 1.06%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-02-20 03:07:10

End at: 2018-02-20 03:07:40

Local clock offset: 0.481 ms

Remote clock offset: -6.685 ms

Below is generated by plot.py at 2018-02-20 08:42:48

Datalink statistics

-- Total of 1 flow:

Average throughput: 153.40 Mbit/s

95th percentile per-packet one-way delay: 18.584 ms

Loss rate: 1.03%

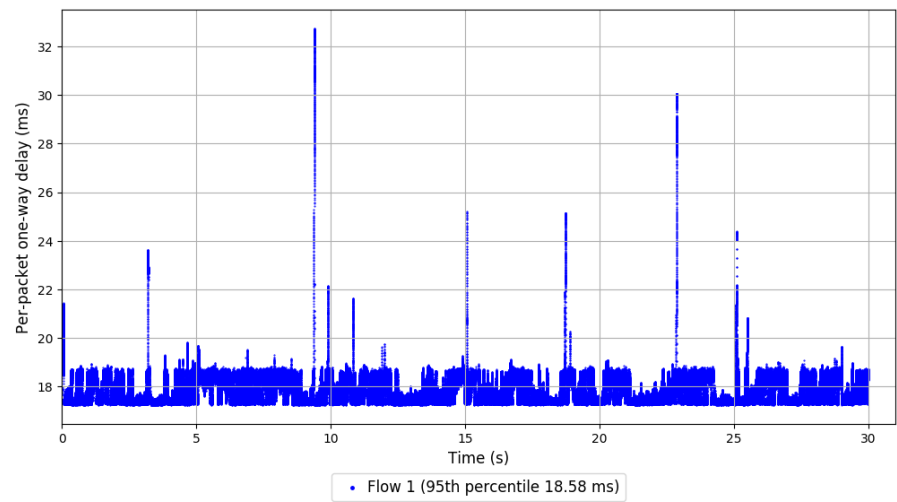
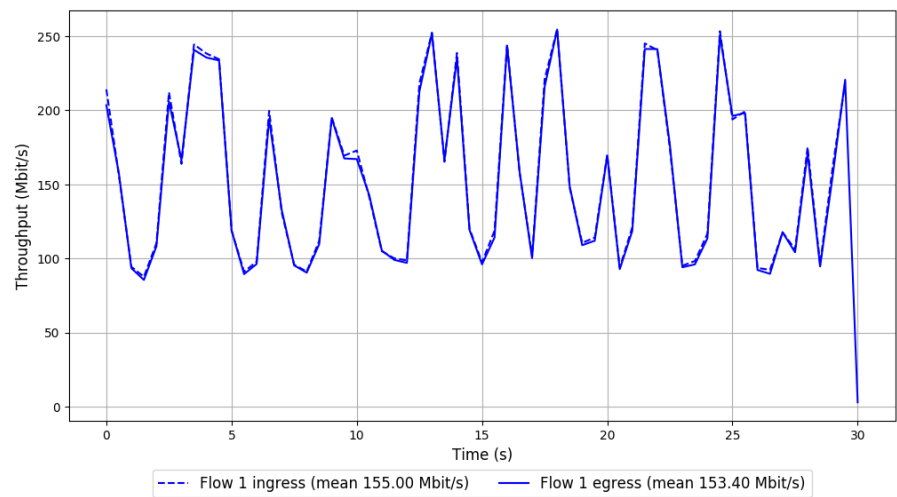
-- Flow 1:

Average throughput: 153.40 Mbit/s

95th percentile per-packet one-way delay: 18.584 ms

Loss rate: 1.03%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-02-20 03:34:03

End at: 2018-02-20 03:34:33

Local clock offset: 0.307 ms

Remote clock offset: -5.424 ms

Below is generated by plot.py at 2018-02-20 08:43:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 214.86 Mbit/s

95th percentile per-packet one-way delay: 19.850 ms

Loss rate: 0.56%

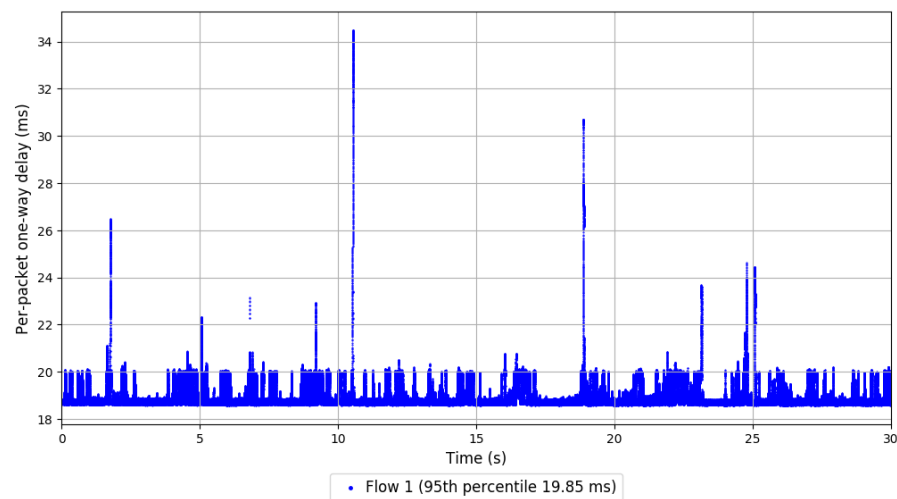
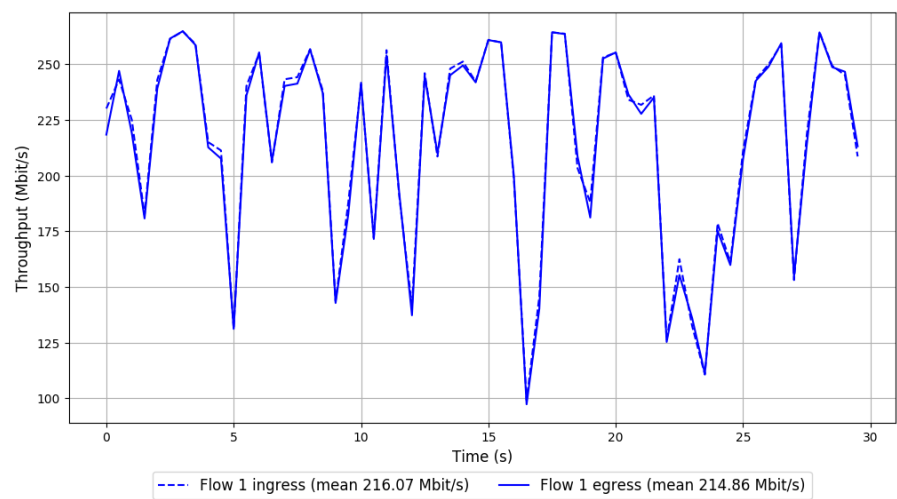
-- Flow 1:

Average throughput: 214.86 Mbit/s

95th percentile per-packet one-way delay: 19.850 ms

Loss rate: 0.56%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-02-20 04:00:36

End at: 2018-02-20 04:01:06

Local clock offset: 0.129 ms

Remote clock offset: -5.067 ms

Below is generated by plot.py at 2018-02-20 08:43:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 154.98 Mbit/s

95th percentile per-packet one-way delay: 19.922 ms

Loss rate: 1.31%

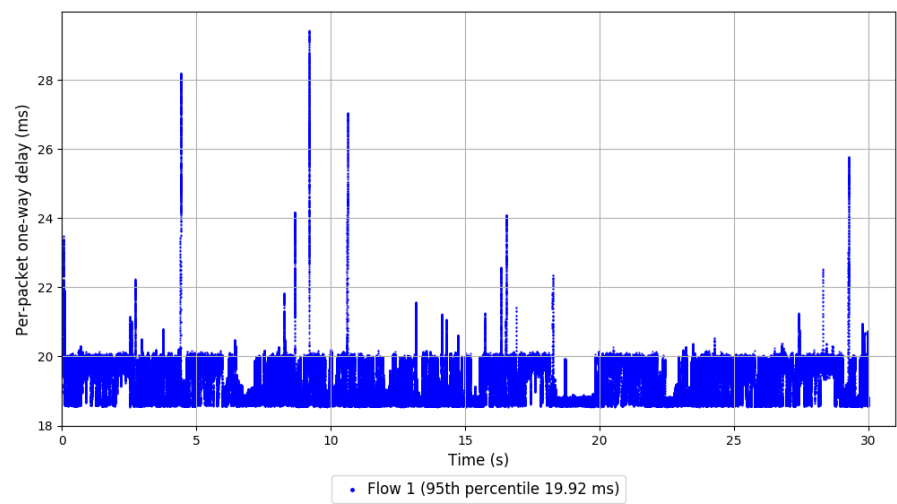
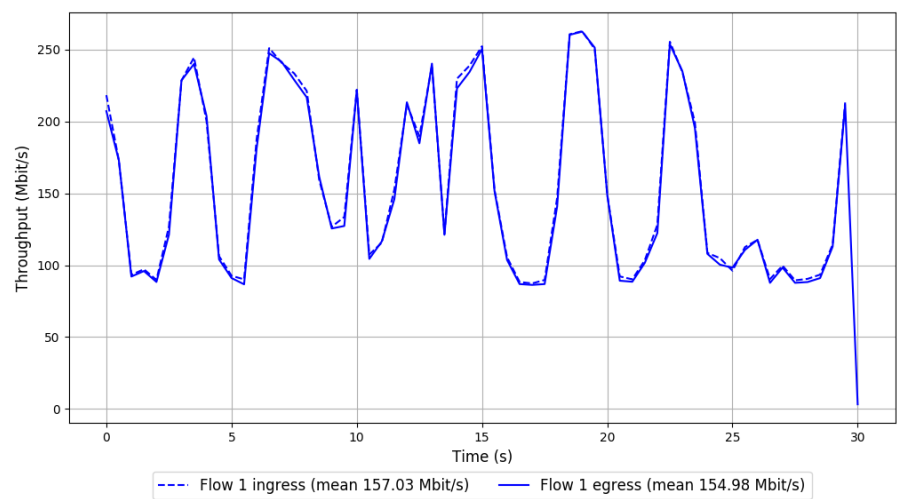
-- Flow 1:

Average throughput: 154.98 Mbit/s

95th percentile per-packet one-way delay: 19.922 ms

Loss rate: 1.31%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-02-20 04:27:14

End at: 2018-02-20 04:27:44

Local clock offset: 1.524 ms

Remote clock offset: -4.872 ms

Below is generated by plot.py at 2018-02-20 08:45:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 167.43 Mbit/s

95th percentile per-packet one-way delay: 19.944 ms

Loss rate: 0.96%

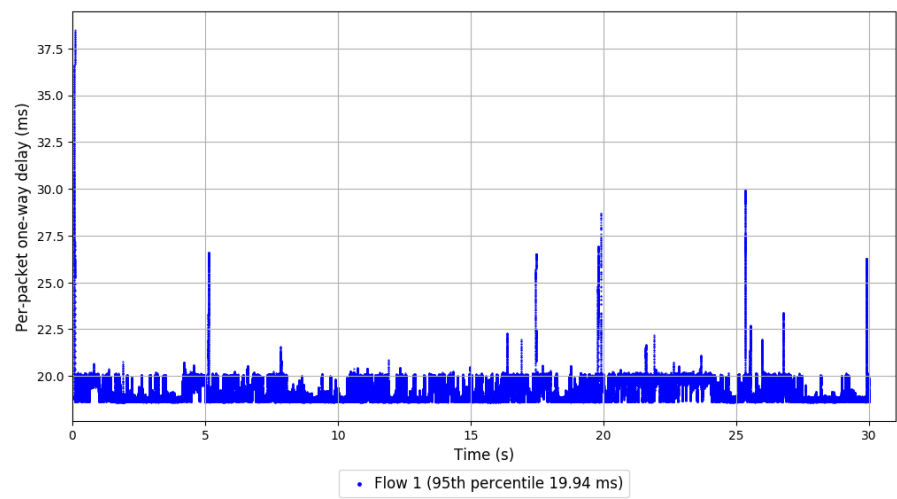
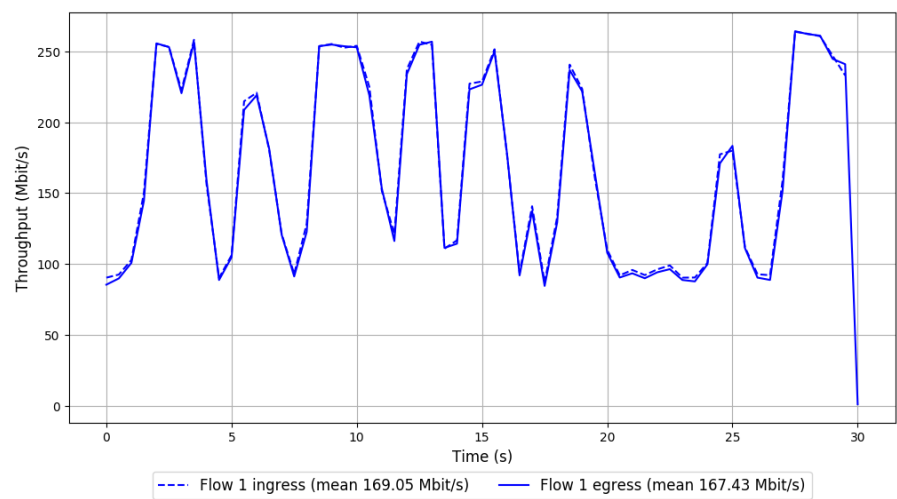
-- Flow 1:

Average throughput: 167.43 Mbit/s

95th percentile per-packet one-way delay: 19.944 ms

Loss rate: 0.96%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-02-20 04:53:45

End at: 2018-02-20 04:54:15

Local clock offset: 1.736 ms

Remote clock offset: -4.636 ms

Below is generated by plot.py at 2018-02-20 08:48:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 262.31 Mbit/s

95th percentile per-packet one-way delay: 18.888 ms

Loss rate: 0.01%

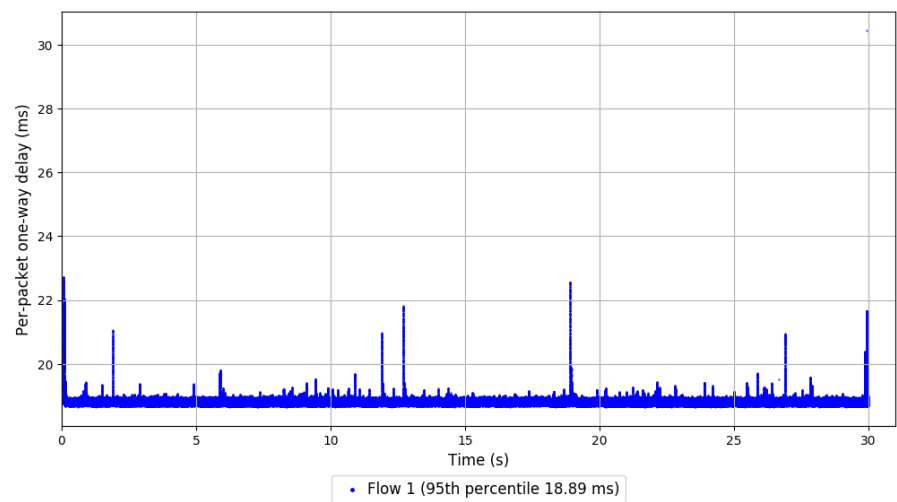
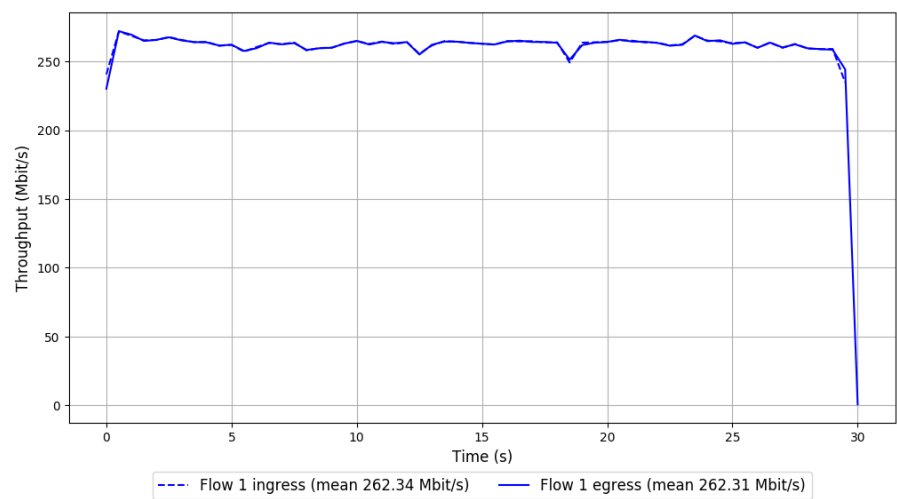
-- Flow 1:

Average throughput: 262.31 Mbit/s

95th percentile per-packet one-way delay: 18.888 ms

Loss rate: 0.01%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-02-20 05:20:52

End at: 2018-02-20 05:21:22

Local clock offset: 2.458 ms

Remote clock offset: -6.4 ms

Below is generated by plot.py at 2018-02-20 08:48:10

Datalink statistics

-- Total of 1 flow:

Average throughput: 249.83 Mbit/s

95th percentile per-packet one-way delay: 19.185 ms

Loss rate: 0.03%

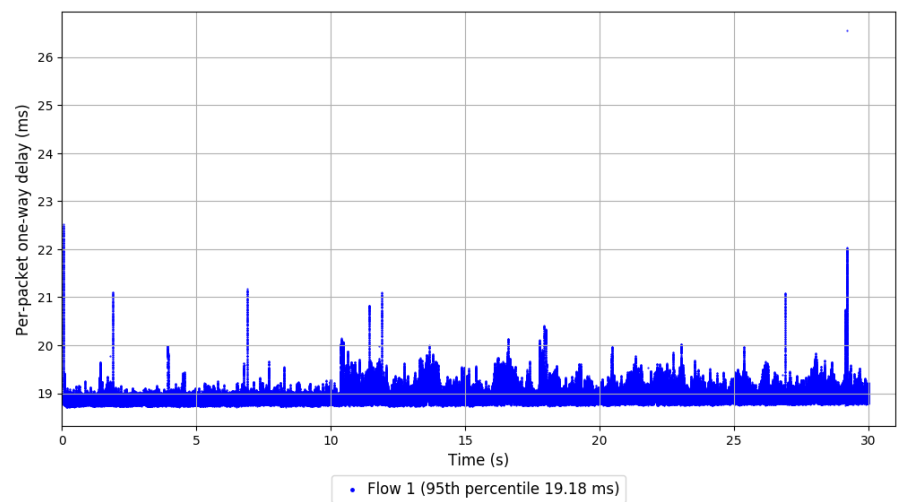
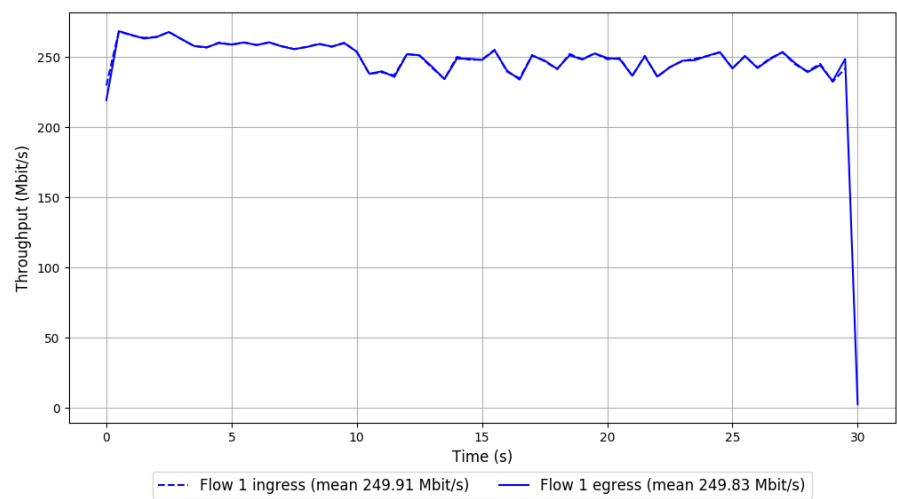
-- Flow 1:

Average throughput: 249.83 Mbit/s

95th percentile per-packet one-way delay: 19.185 ms

Loss rate: 0.03%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-02-20 05:48:11

End at: 2018-02-20 05:48:41

Local clock offset: 3.415 ms

Remote clock offset: -6.289 ms

Below is generated by plot.py at 2018-02-20 08:48:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 237.81 Mbit/s

95th percentile per-packet one-way delay: 18.357 ms

Loss rate: 0.62%

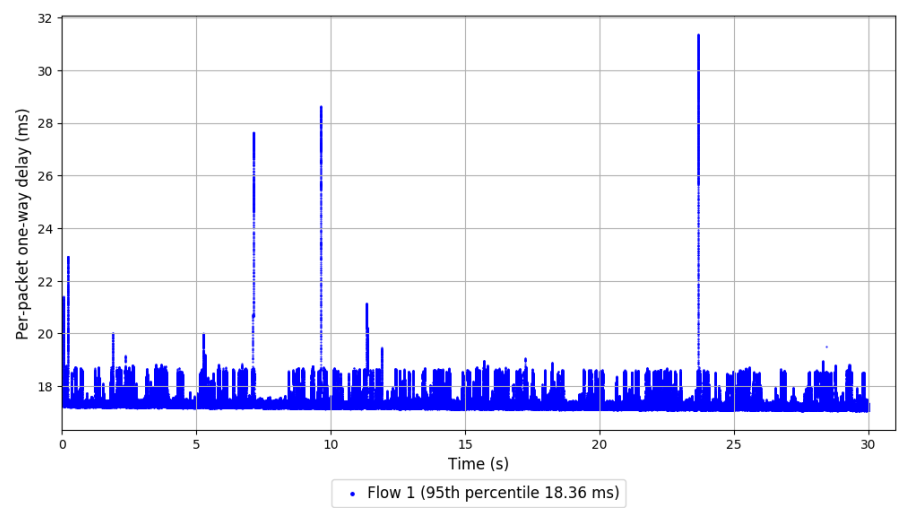
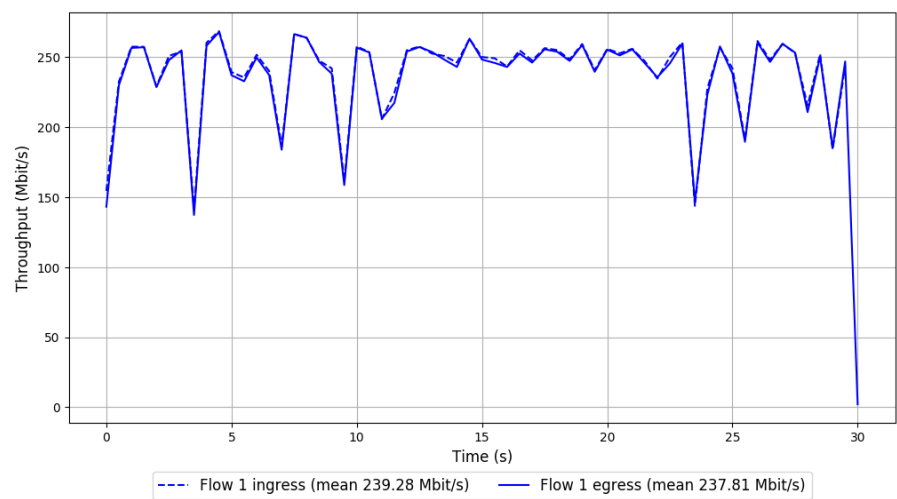
-- Flow 1:

Average throughput: 237.81 Mbit/s

95th percentile per-packet one-way delay: 18.357 ms

Loss rate: 0.62%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-02-20 01:51:46

End at: 2018-02-20 01:52:16

Local clock offset: 1.544 ms

Remote clock offset: -3.94 ms

Below is generated by plot.py at 2018-02-20 08:48:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 11.26 Mbit/s

95th percentile per-packet one-way delay: 20.173 ms

Loss rate: 0.82%

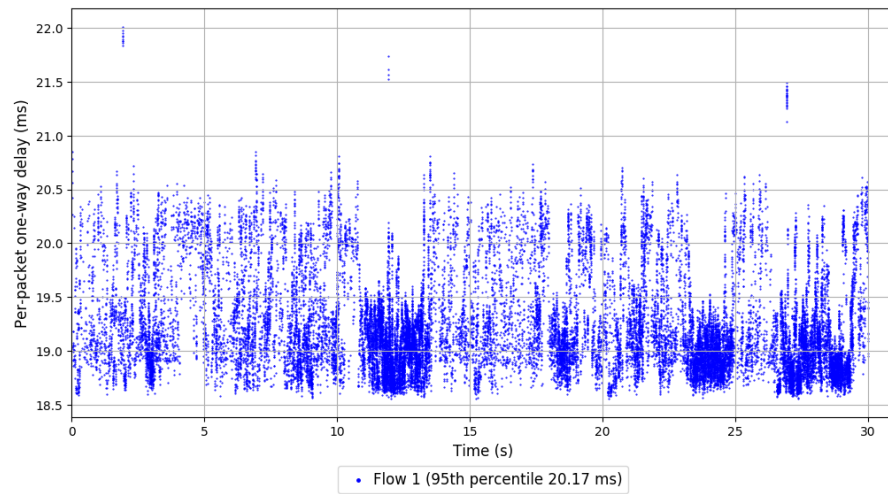
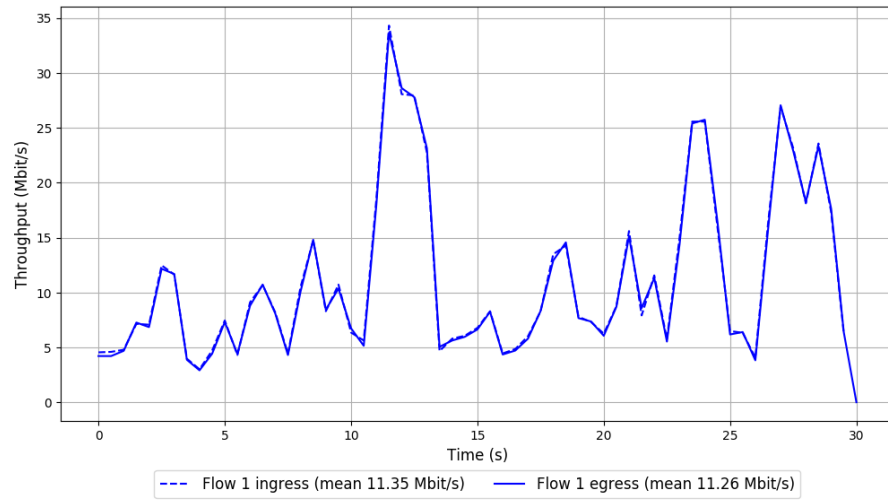
-- Flow 1:

Average throughput: 11.26 Mbit/s

95th percentile per-packet one-way delay: 20.173 ms

Loss rate: 0.82%

Run 1: Report of TCP Vegas — Data Link

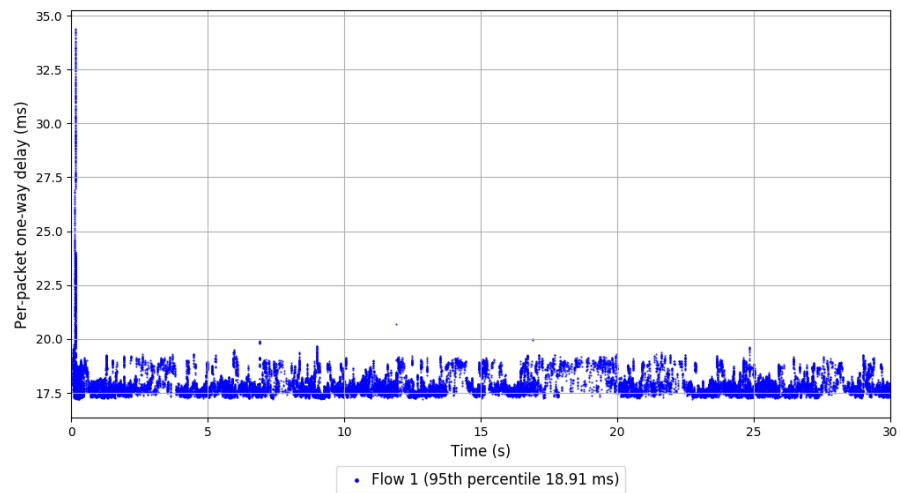
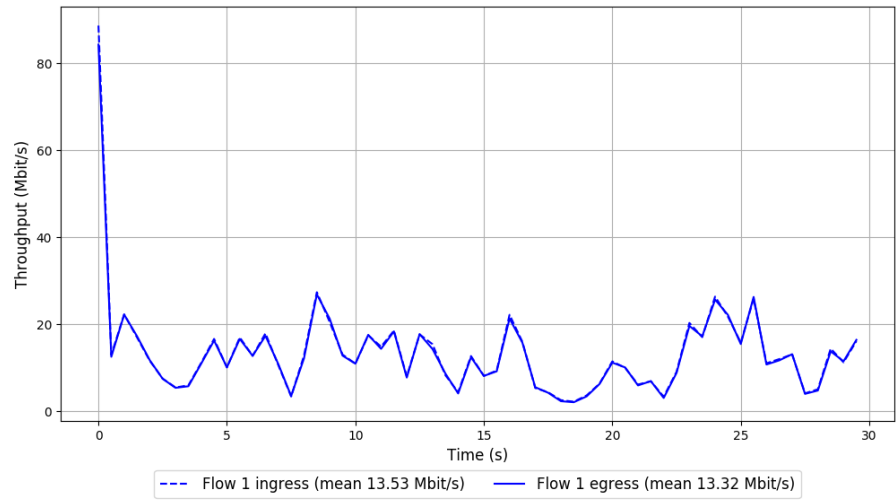


Run 2: Statistics of TCP Vegas

Start at: 2018-02-20 02:18:19
End at: 2018-02-20 02:18:49
Local clock offset: 1.126 ms
Remote clock offset: -5.177 ms

Below is generated by plot.py at 2018-02-20 08:48:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 13.32 Mbit/s
95th percentile per-packet one-way delay: 18.912 ms
Loss rate: 1.60%
-- Flow 1:
Average throughput: 13.32 Mbit/s
95th percentile per-packet one-way delay: 18.912 ms
Loss rate: 1.60%

Run 2: Report of TCP Vegas — Data Link

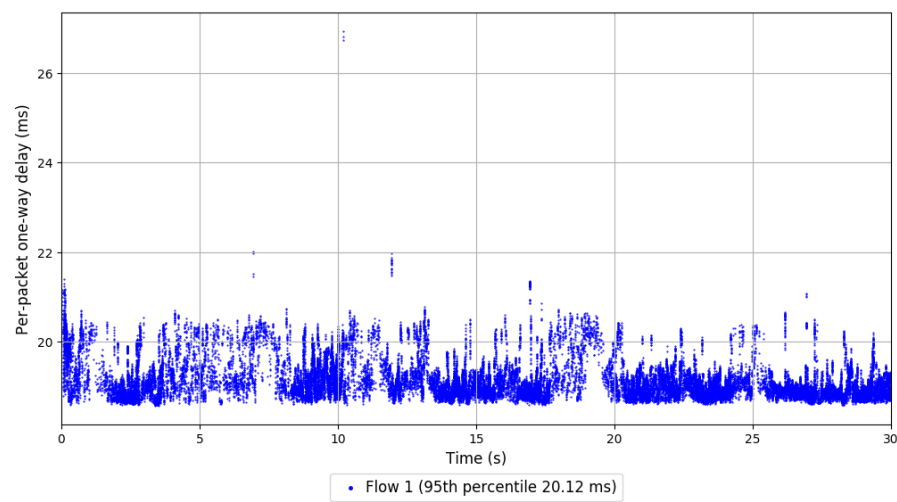
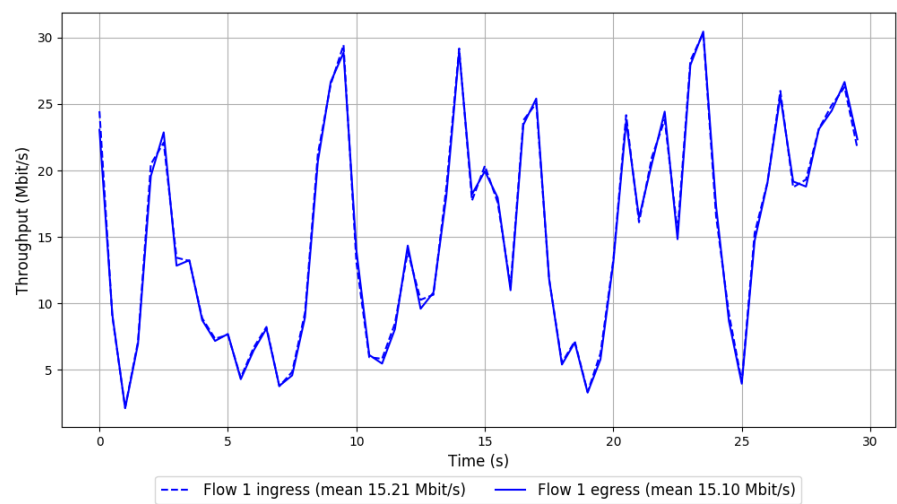


Run 3: Statistics of TCP Vegas

Start at: 2018-02-20 02:44:38
End at: 2018-02-20 02:45:08
Local clock offset: 0.636 ms
Remote clock offset: -6.083 ms

Below is generated by plot.py at 2018-02-20 08:48:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 15.10 Mbit/s
95th percentile per-packet one-way delay: 20.121 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 15.10 Mbit/s
95th percentile per-packet one-way delay: 20.121 ms
Loss rate: 0.77%

Run 3: Report of TCP Vegas — Data Link

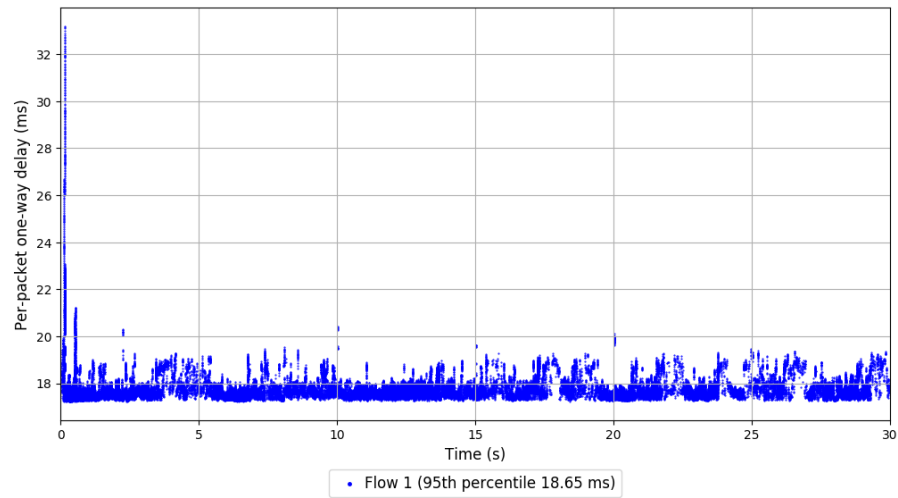
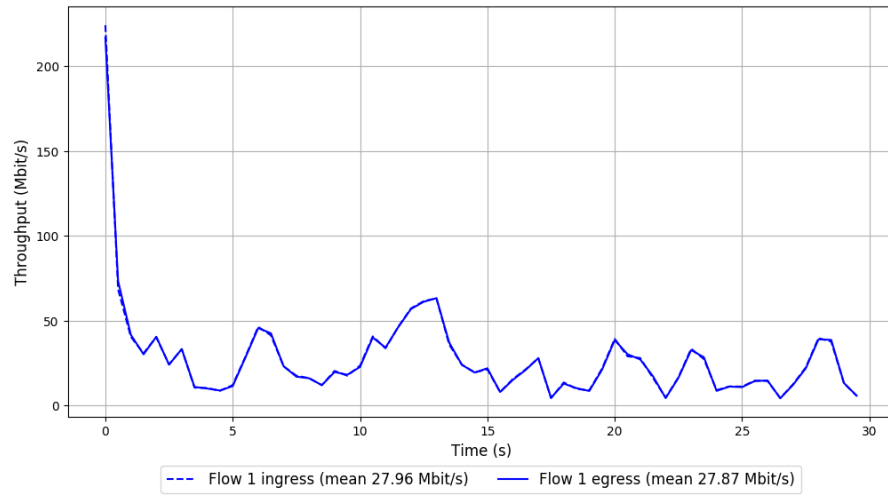


Run 4: Statistics of TCP Vegas

Start at: 2018-02-20 03:11:07
End at: 2018-02-20 03:11:37
Local clock offset: 0.484 ms
Remote clock offset: -6.758 ms

Below is generated by plot.py at 2018-02-20 08:48:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 27.87 Mbit/s
95th percentile per-packet one-way delay: 18.653 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 27.87 Mbit/s
95th percentile per-packet one-way delay: 18.653 ms
Loss rate: 0.33%

Run 4: Report of TCP Vegas — Data Link

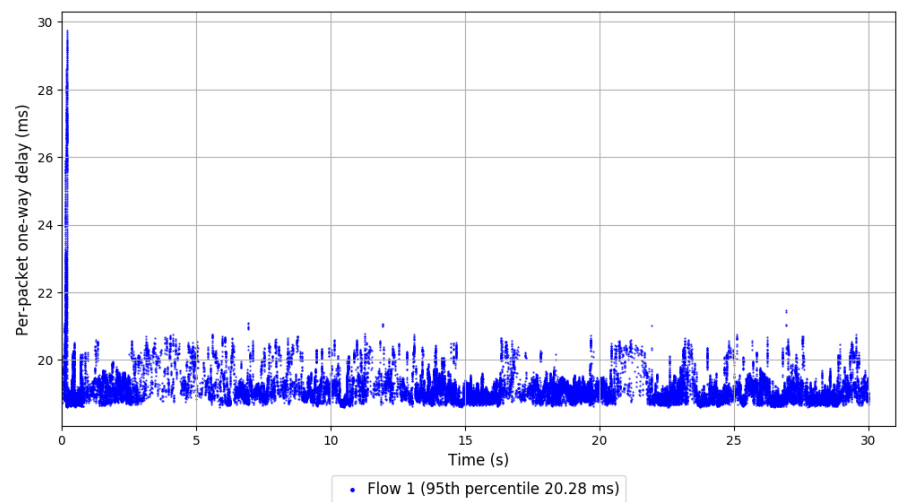
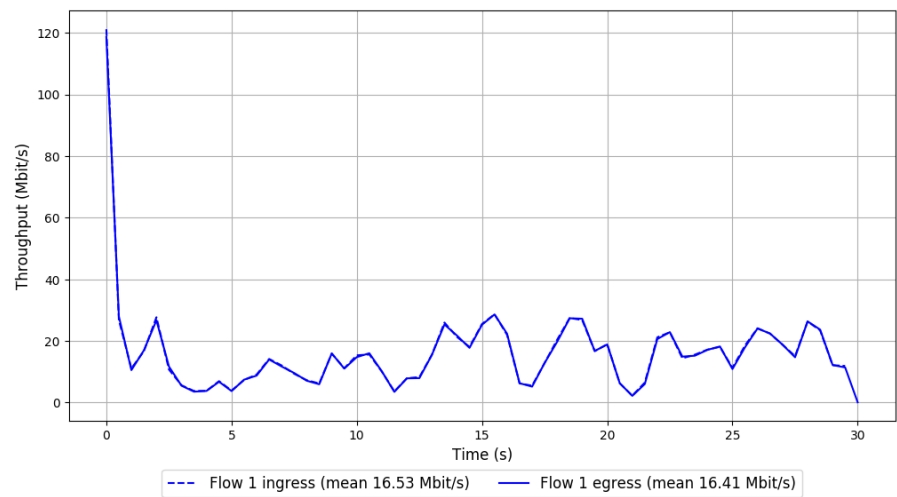


Run 5: Statistics of TCP Vegas

Start at: 2018-02-20 03:38:11
End at: 2018-02-20 03:38:41
Local clock offset: 0.294 ms
Remote clock offset: -5.357 ms

Below is generated by plot.py at 2018-02-20 08:48:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 16.41 Mbit/s
95th percentile per-packet one-way delay: 20.277 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 16.41 Mbit/s
95th percentile per-packet one-way delay: 20.277 ms
Loss rate: 0.73%

Run 5: Report of TCP Vegas — Data Link

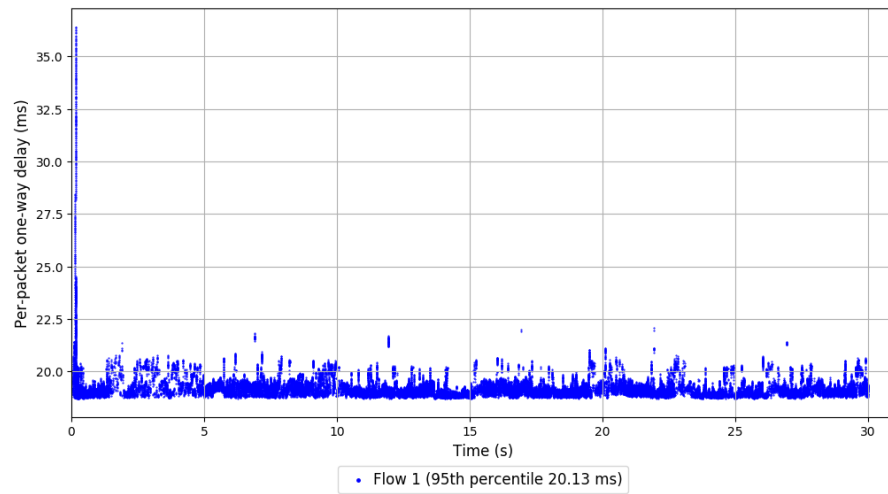
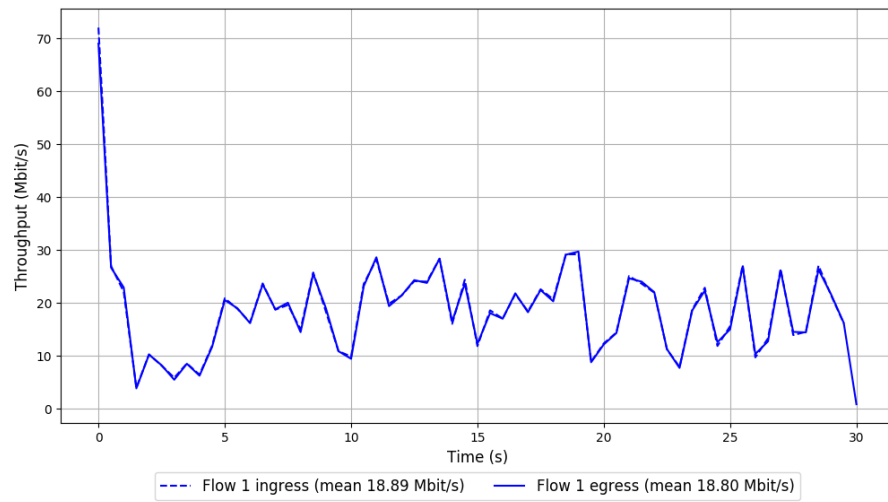


Run 6: Statistics of TCP Vegas

Start at: 2018-02-20 04:04:41
End at: 2018-02-20 04:05:11
Local clock offset: -0.022 ms
Remote clock offset: -5.011 ms

Below is generated by plot.py at 2018-02-20 08:48:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 18.80 Mbit/s
95th percentile per-packet one-way delay: 20.128 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 18.80 Mbit/s
95th percentile per-packet one-way delay: 20.128 ms
Loss rate: 0.50%

Run 6: Report of TCP Vegas — Data Link

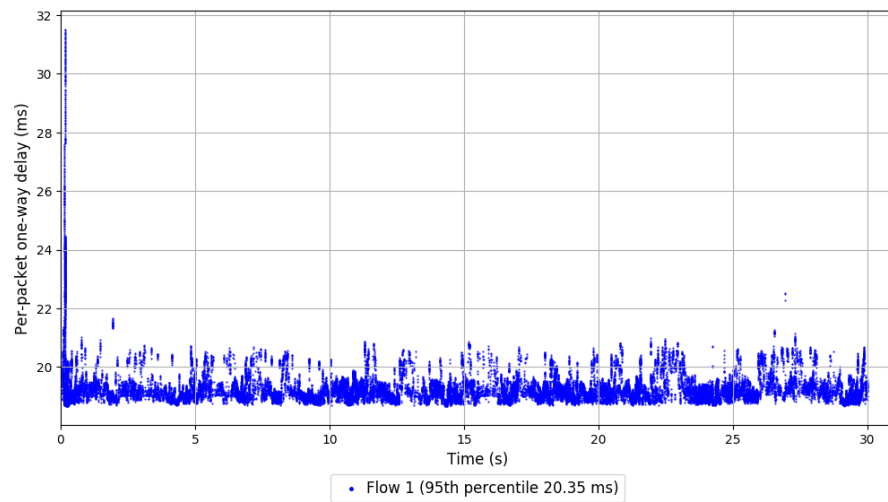
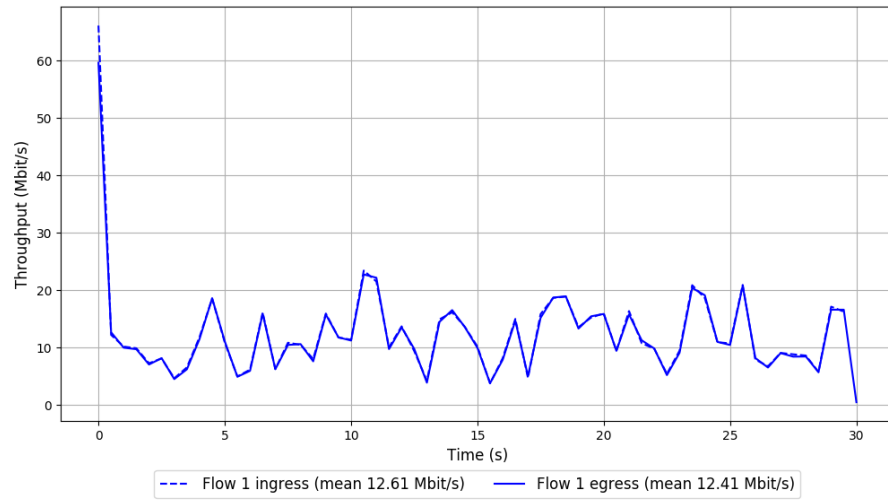


Run 7: Statistics of TCP Vegas

Start at: 2018-02-20 04:31:20
End at: 2018-02-20 04:31:50
Local clock offset: 1.605 ms
Remote clock offset: -4.809 ms

Below is generated by plot.py at 2018-02-20 08:48:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 12.41 Mbit/s
95th percentile per-packet one-way delay: 20.352 ms
Loss rate: 1.54%
-- Flow 1:
Average throughput: 12.41 Mbit/s
95th percentile per-packet one-way delay: 20.352 ms
Loss rate: 1.54%

Run 7: Report of TCP Vegas — Data Link

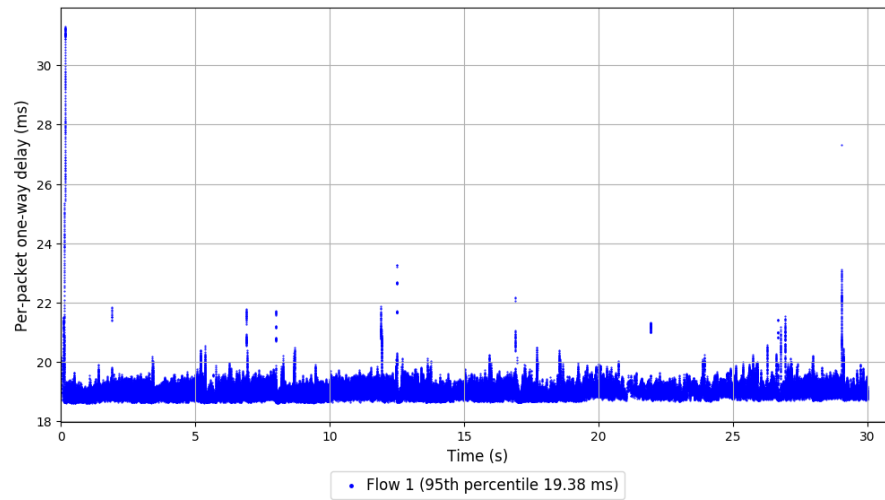
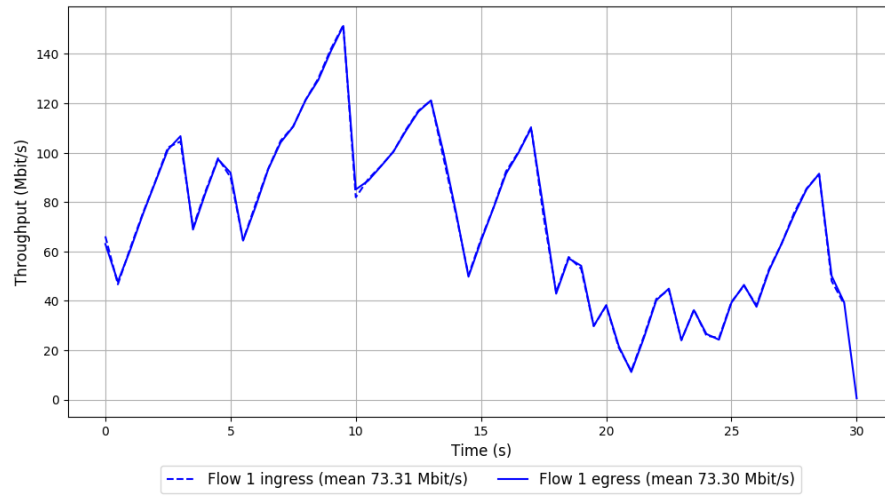


Run 8: Statistics of TCP Vegas

Start at: 2018-02-20 04:57:57
End at: 2018-02-20 04:58:27
Local clock offset: 1.771 ms
Remote clock offset: -5.101 ms

Below is generated by plot.py at 2018-02-20 08:48:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.30 Mbit/s
95th percentile per-packet one-way delay: 19.384 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 73.30 Mbit/s
95th percentile per-packet one-way delay: 19.384 ms
Loss rate: 0.02%

Run 8: Report of TCP Vegas — Data Link



Run 9: Statistics of TCP Vegas

Start at: 2018-02-20 05:25:03

End at: 2018-02-20 05:25:33

Local clock offset: 2.733 ms

Remote clock offset: -6.58 ms

Below is generated by plot.py at 2018-02-20 08:48:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 34.91 Mbit/s

95th percentile per-packet one-way delay: 19.414 ms

Loss rate: 0.03%

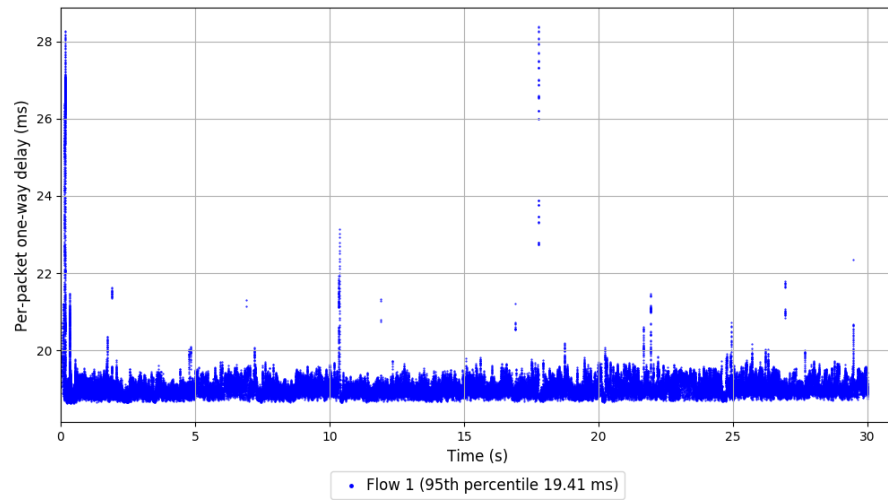
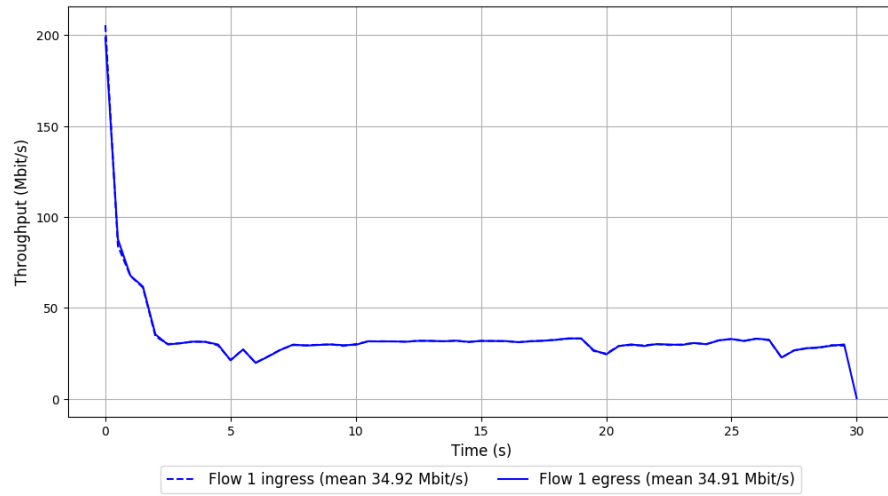
-- Flow 1:

Average throughput: 34.91 Mbit/s

95th percentile per-packet one-way delay: 19.414 ms

Loss rate: 0.03%

Run 9: Report of TCP Vegas — Data Link

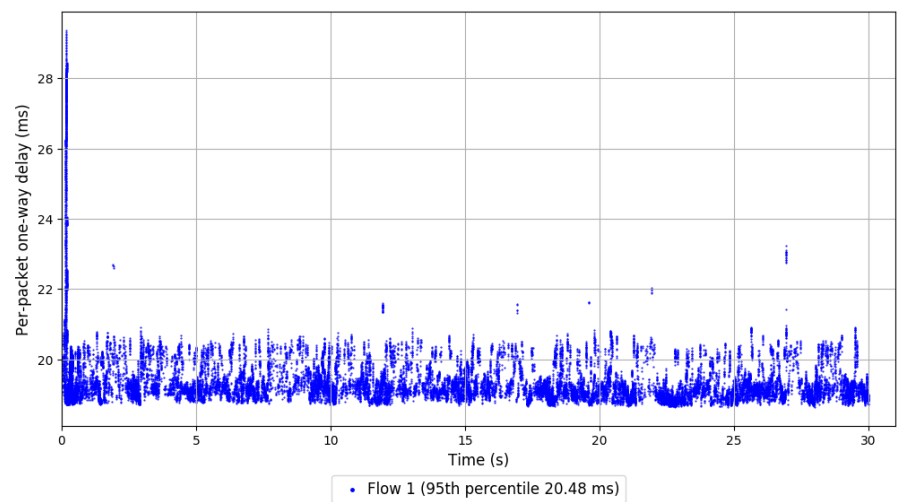
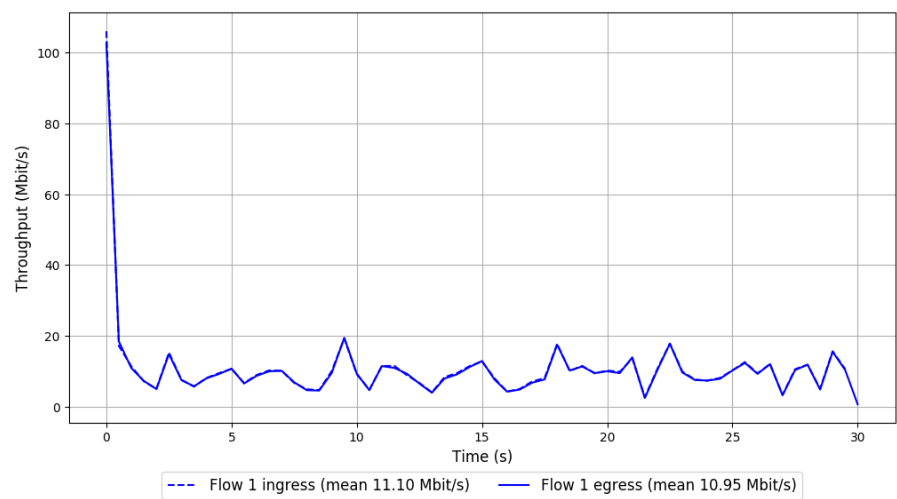


Run 10: Statistics of TCP Vegas

Start at: 2018-02-20 05:52:21
End at: 2018-02-20 05:52:52
Local clock offset: 2.575 ms
Remote clock offset: -6.199 ms

Below is generated by plot.py at 2018-02-20 08:48:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 10.95 Mbit/s
95th percentile per-packet one-way delay: 20.484 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 10.95 Mbit/s
95th percentile per-packet one-way delay: 20.484 ms
Loss rate: 1.39%

Run 10: Report of TCP Vegas — Data Link

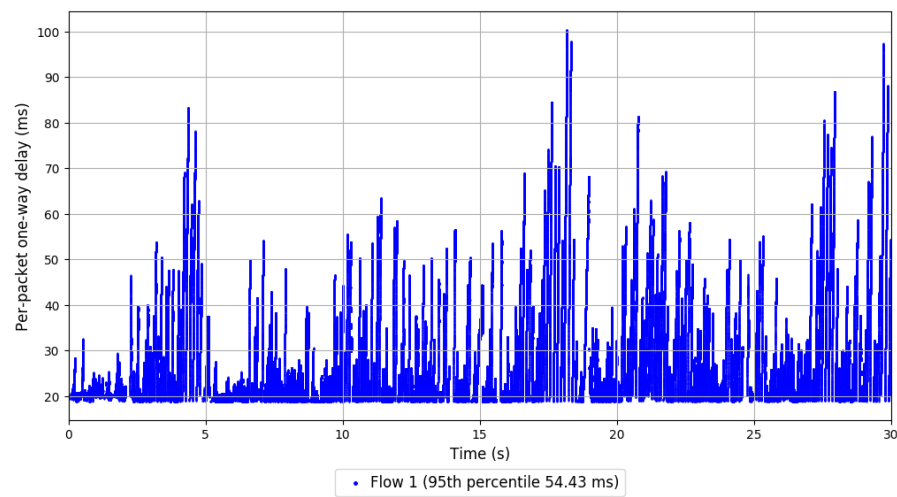
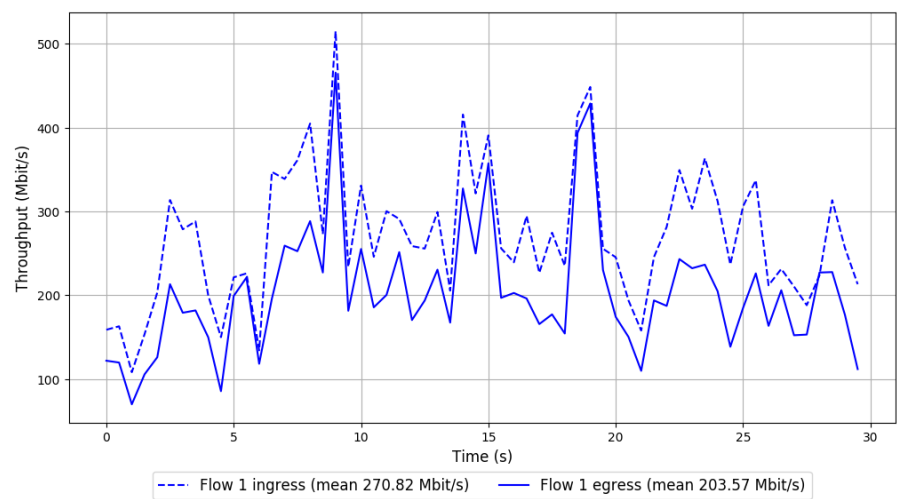


Run 1: Statistics of Verus

Start at: 2018-02-20 02:06:17
End at: 2018-02-20 02:06:47
Local clock offset: 1.165 ms
Remote clock offset: -4.092 ms

Below is generated by plot.py at 2018-02-20 08:48:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 203.57 Mbit/s
95th percentile per-packet one-way delay: 54.428 ms
Loss rate: 24.78%
-- Flow 1:
Average throughput: 203.57 Mbit/s
95th percentile per-packet one-way delay: 54.428 ms
Loss rate: 24.78%

Run 1: Report of Verus — Data Link

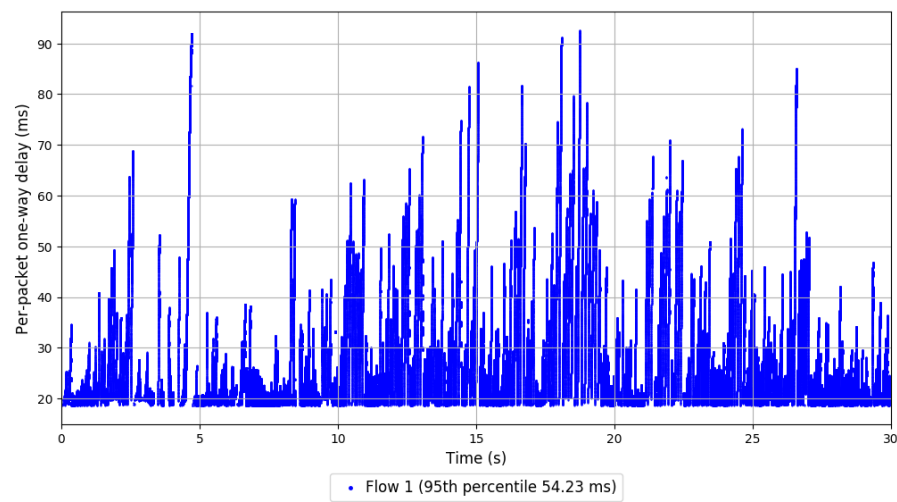
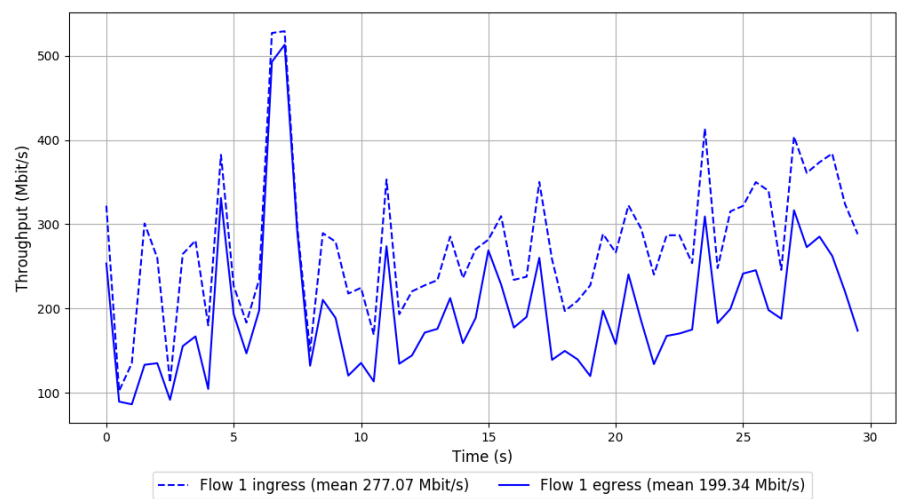


Run 2: Statistics of Verus

Start at: 2018-02-20 02:32:46
End at: 2018-02-20 02:33:16
Local clock offset: 0.828 ms
Remote clock offset: -5.671 ms

Below is generated by plot.py at 2018-02-20 08:48:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 199.34 Mbit/s
95th percentile per-packet one-way delay: 54.234 ms
Loss rate: 28.06%
-- Flow 1:
Average throughput: 199.34 Mbit/s
95th percentile per-packet one-way delay: 54.234 ms
Loss rate: 28.06%

Run 2: Report of Verus — Data Link

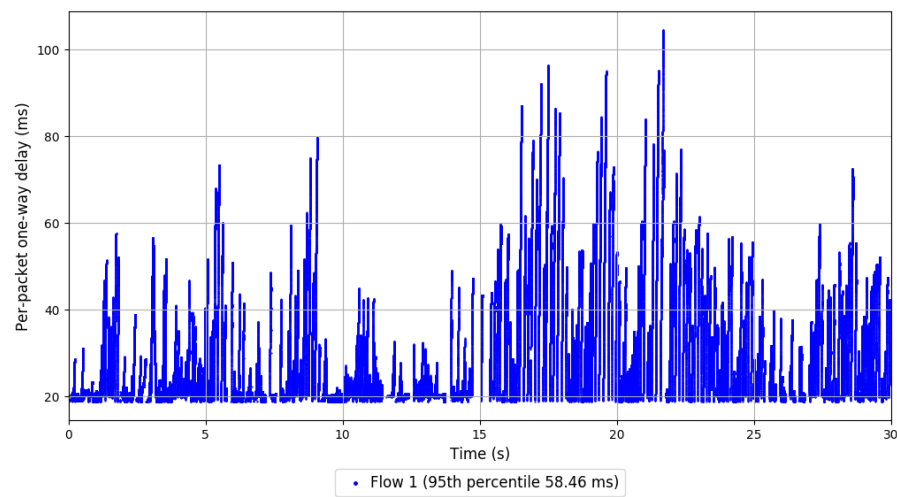
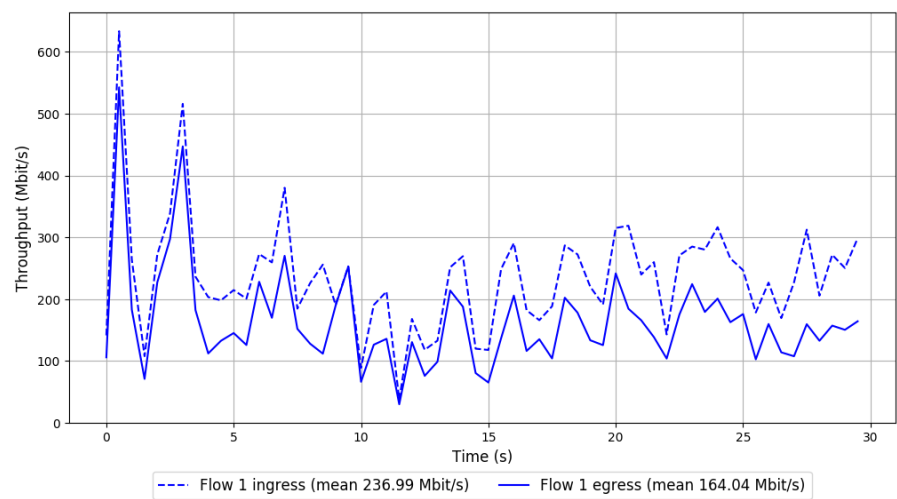


Run 3: Statistics of Verus

Start at: 2018-02-20 02:59:24
End at: 2018-02-20 02:59:54
Local clock offset: 0.424 ms
Remote clock offset: -6.451 ms

Below is generated by plot.py at 2018-02-20 08:48:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 164.04 Mbit/s
95th percentile per-packet one-way delay: 58.459 ms
Loss rate: 30.75%
-- Flow 1:
Average throughput: 164.04 Mbit/s
95th percentile per-packet one-way delay: 58.459 ms
Loss rate: 30.75%

Run 3: Report of Verus — Data Link

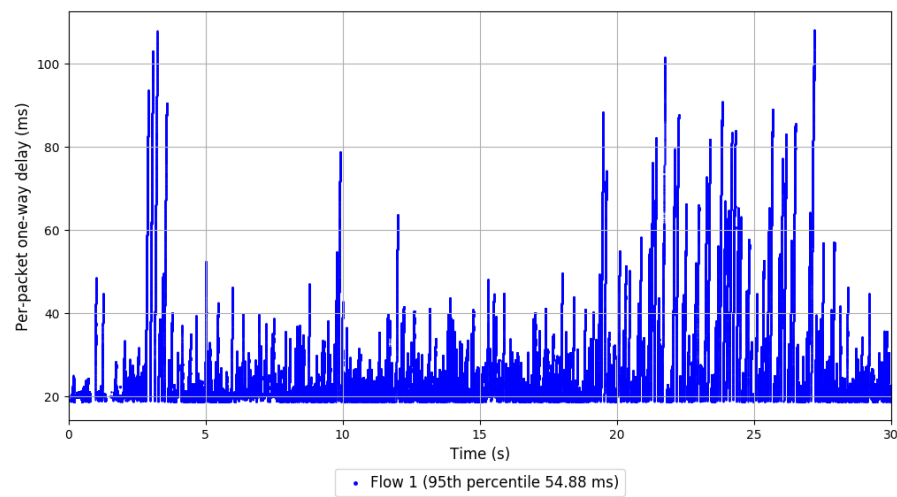
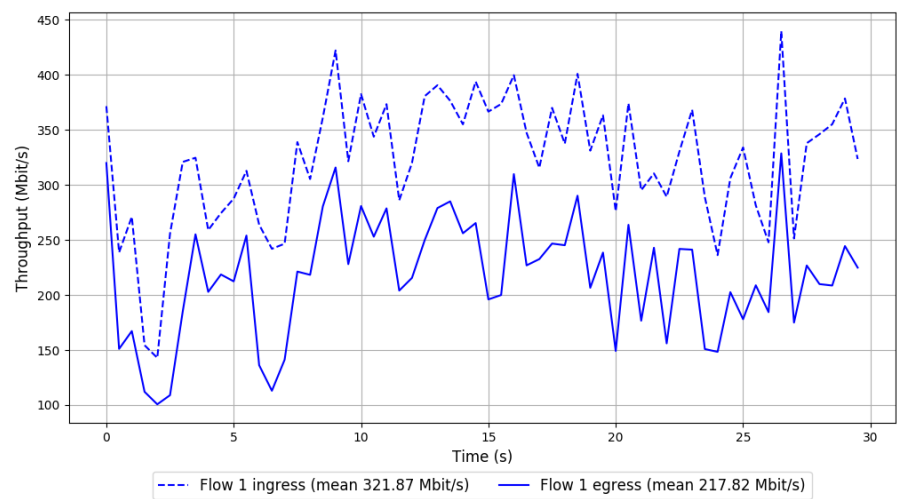


Run 4: Statistics of Verus

Start at: 2018-02-20 03:26:03
End at: 2018-02-20 03:26:33
Local clock offset: 0.365 ms
Remote clock offset: -5.541 ms

Below is generated by plot.py at 2018-02-20 08:48:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 217.82 Mbit/s
95th percentile per-packet one-way delay: 54.879 ms
Loss rate: 32.33%
-- Flow 1:
Average throughput: 217.82 Mbit/s
95th percentile per-packet one-way delay: 54.879 ms
Loss rate: 32.33%

Run 4: Report of Verus — Data Link

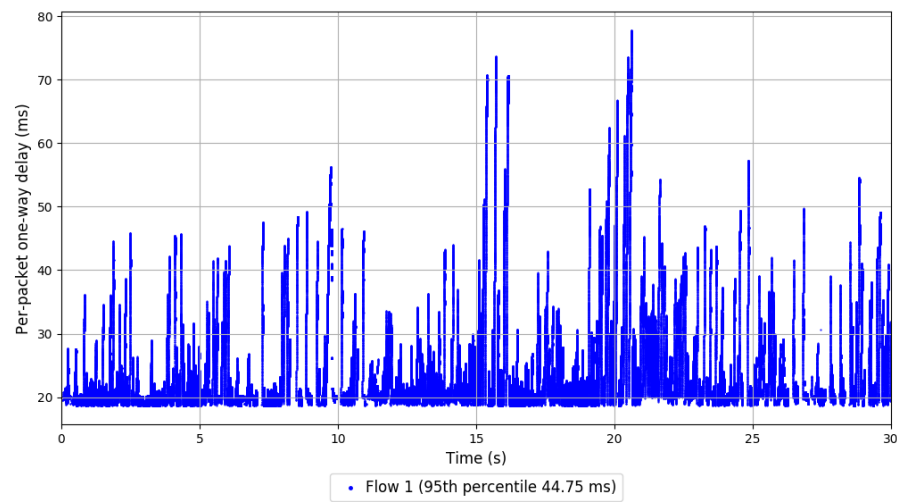
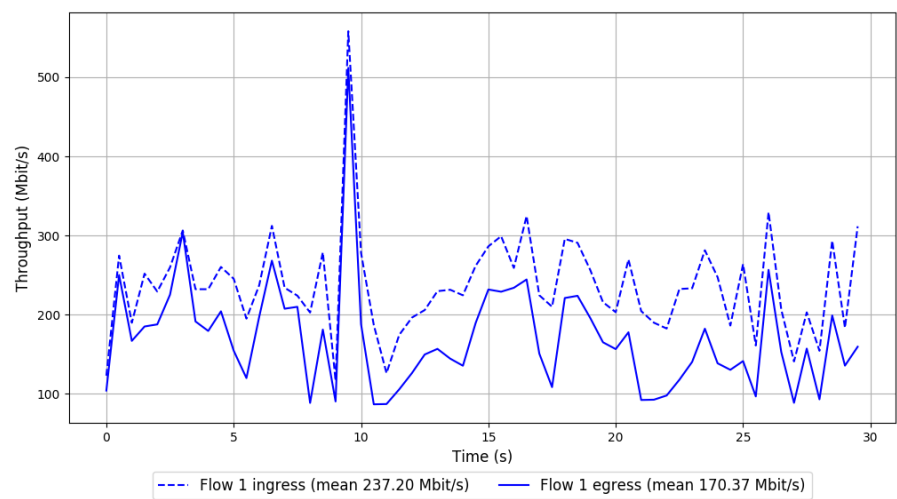


Run 5: Statistics of Verus

Start at: 2018-02-20 03:52:46
End at: 2018-02-20 03:53:16
Local clock offset: 0.096 ms
Remote clock offset: -5.184 ms

Below is generated by plot.py at 2018-02-20 08:48:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 170.37 Mbit/s
95th percentile per-packet one-way delay: 44.754 ms
Loss rate: 28.18%
-- Flow 1:
Average throughput: 170.37 Mbit/s
95th percentile per-packet one-way delay: 44.754 ms
Loss rate: 28.18%

Run 5: Report of Verus — Data Link

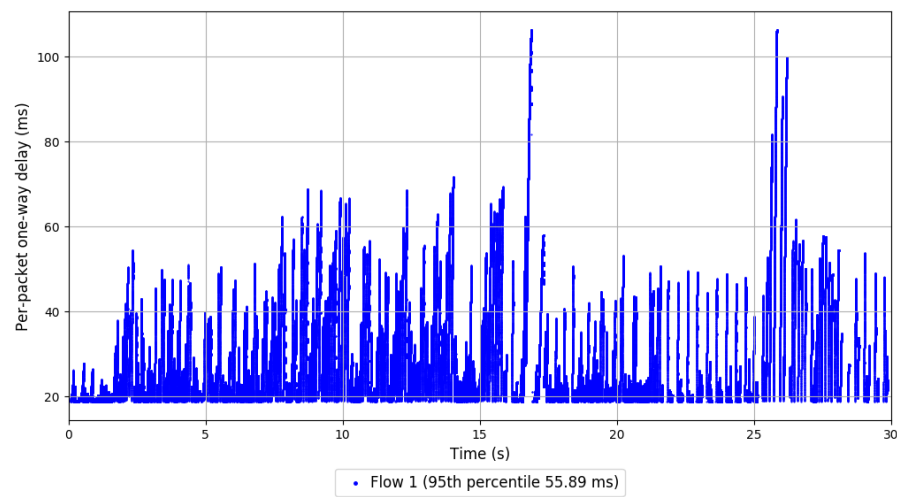
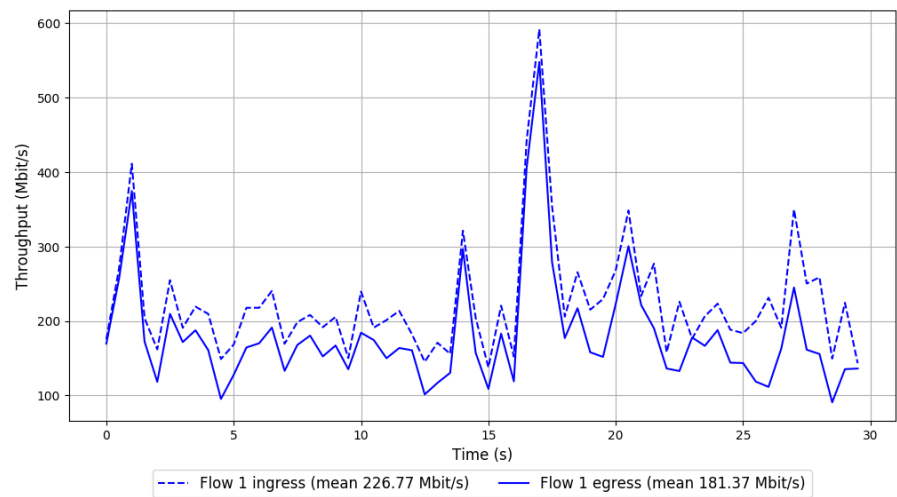


Run 6: Statistics of Verus

Start at: 2018-02-20 04:19:30
End at: 2018-02-20 04:20:00
Local clock offset: 1.255 ms
Remote clock offset: -4.862 ms

Below is generated by plot.py at 2018-02-20 08:49:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 181.37 Mbit/s
95th percentile per-packet one-way delay: 55.887 ms
Loss rate: 20.01%
-- Flow 1:
Average throughput: 181.37 Mbit/s
95th percentile per-packet one-way delay: 55.887 ms
Loss rate: 20.01%

Run 6: Report of Verus — Data Link

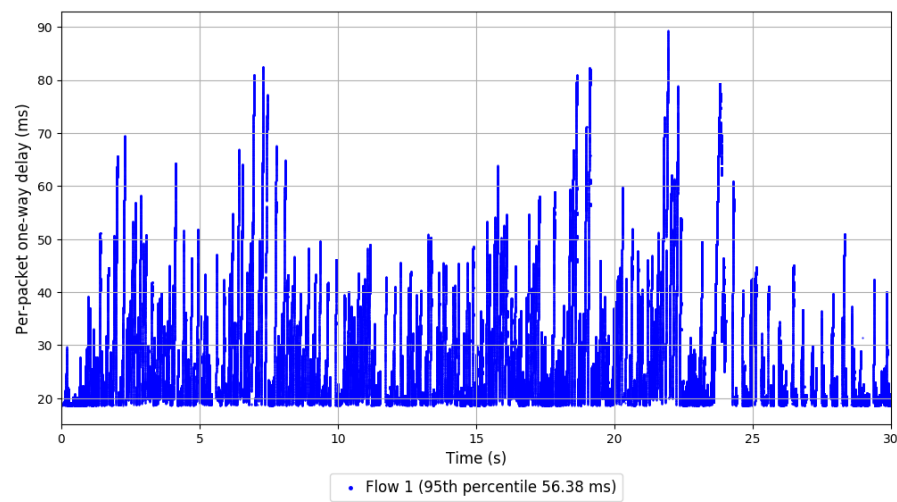
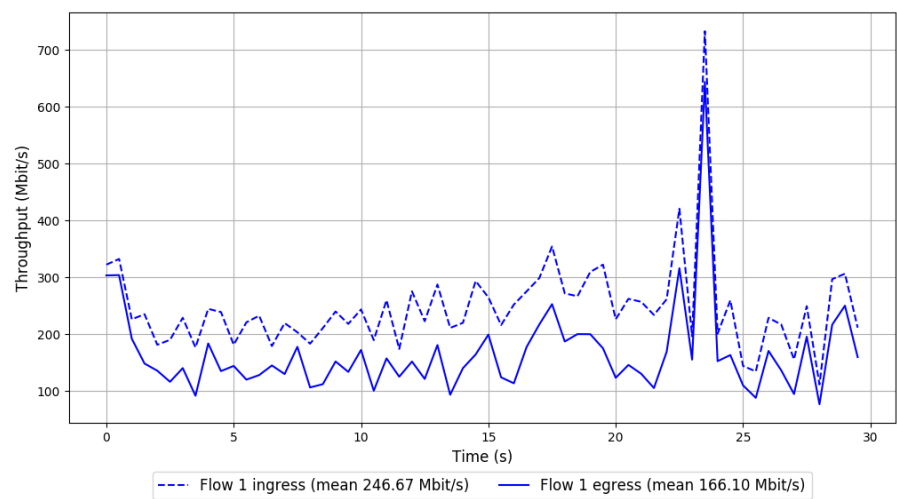


Run 7: Statistics of Verus

Start at: 2018-02-20 04:46:06
End at: 2018-02-20 04:46:37
Local clock offset: 1.722 ms
Remote clock offset: -4.761 ms

Below is generated by plot.py at 2018-02-20 08:49:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 166.10 Mbit/s
95th percentile per-packet one-way delay: 56.383 ms
Loss rate: 32.66%
-- Flow 1:
Average throughput: 166.10 Mbit/s
95th percentile per-packet one-way delay: 56.383 ms
Loss rate: 32.66%

Run 7: Report of Verus — Data Link

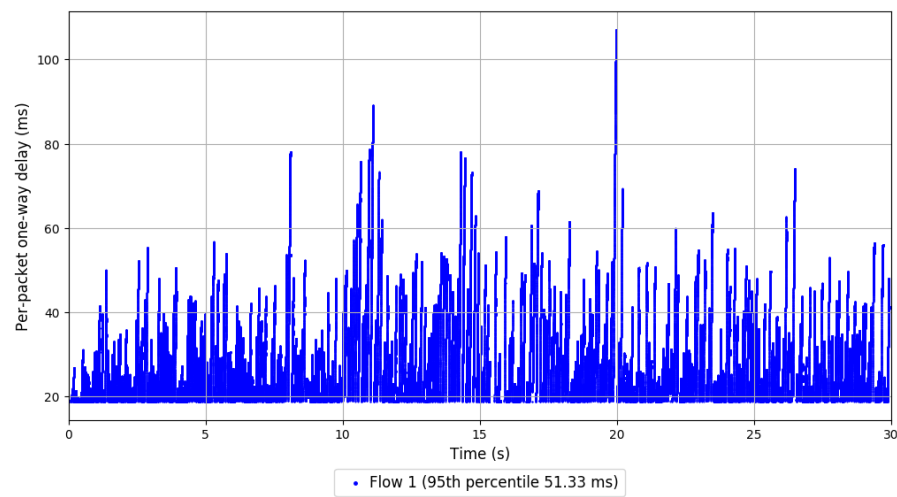
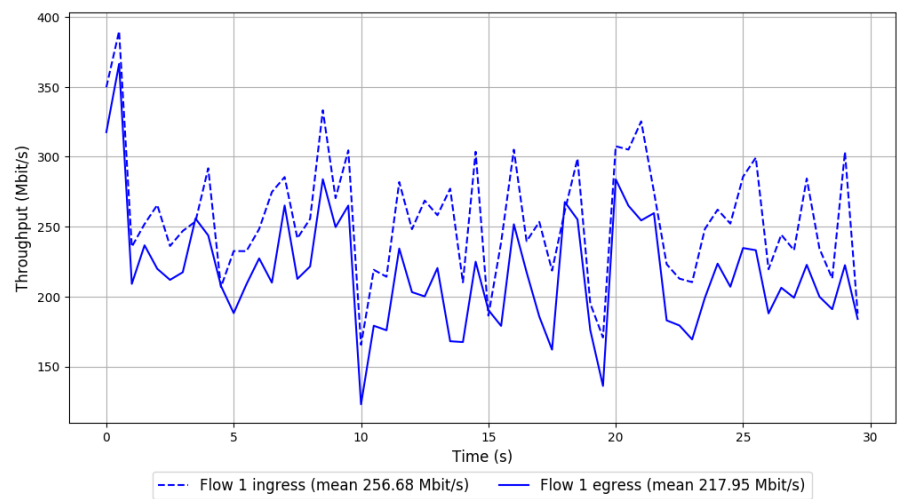


Run 8: Statistics of Verus

Start at: 2018-02-20 05:13:11
End at: 2018-02-20 05:13:41
Local clock offset: 1.757 ms
Remote clock offset: -6.205 ms

Below is generated by plot.py at 2018-02-20 08:50:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 217.95 Mbit/s
95th percentile per-packet one-way delay: 51.334 ms
Loss rate: 15.03%
-- Flow 1:
Average throughput: 217.95 Mbit/s
95th percentile per-packet one-way delay: 51.334 ms
Loss rate: 15.03%

Run 8: Report of Verus — Data Link

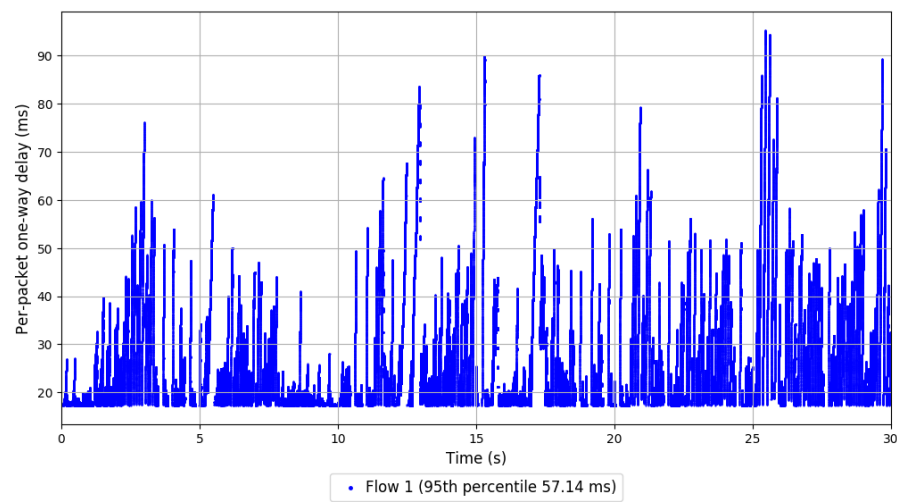
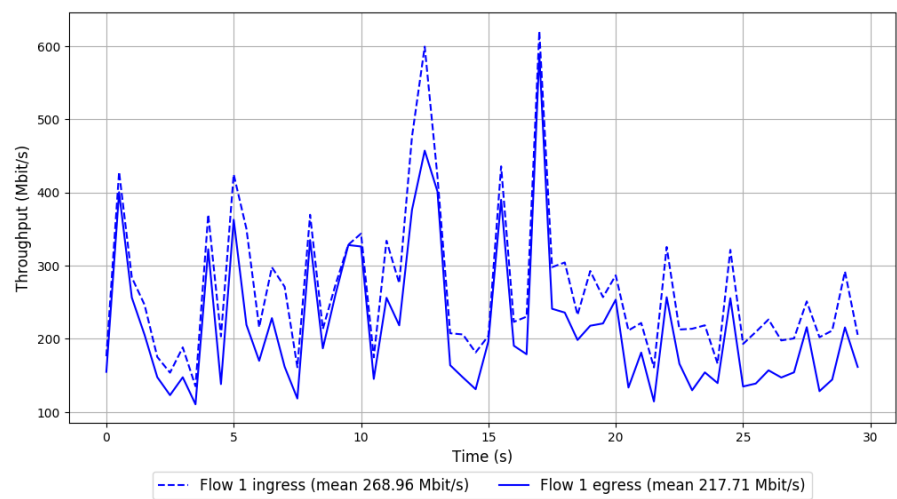


Run 9: Statistics of Verus

Start at: 2018-02-20 05:40:18
End at: 2018-02-20 05:40:48
Local clock offset: 3.292 ms
Remote clock offset: -6.278 ms

Below is generated by plot.py at 2018-02-20 08:50:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 217.71 Mbit/s
95th percentile per-packet one-way delay: 57.141 ms
Loss rate: 19.05%
-- Flow 1:
Average throughput: 217.71 Mbit/s
95th percentile per-packet one-way delay: 57.141 ms
Loss rate: 19.05%

Run 9: Report of Verus — Data Link

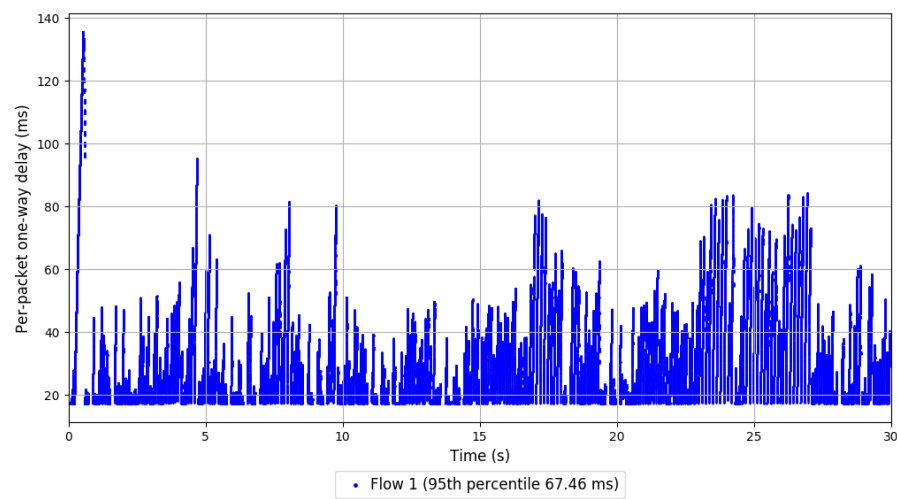
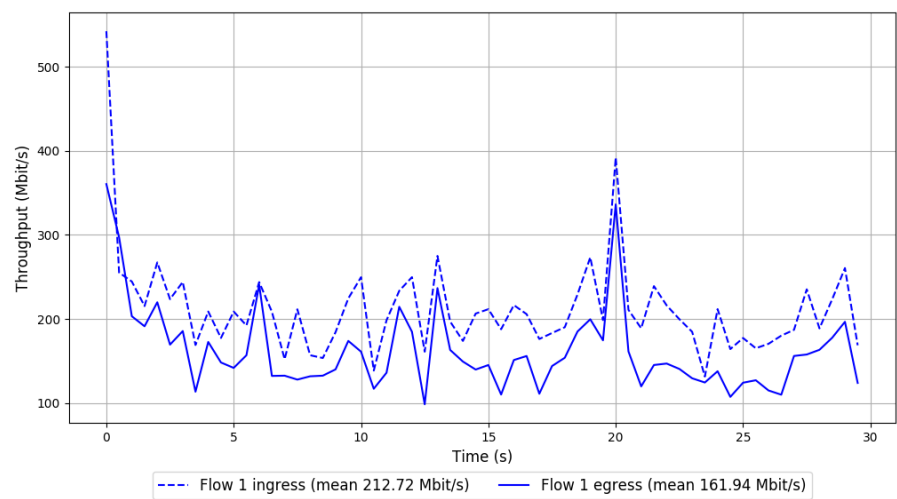


Run 10: Statistics of Verus

Start at: 2018-02-20 06:07:18
End at: 2018-02-20 06:07:48
Local clock offset: 1.239 ms
Remote clock offset: -6.235 ms

Below is generated by plot.py at 2018-02-20 08:50:57
Datalink statistics
-- Total of 1 flow:
Average throughput: 161.94 Mbit/s
95th percentile per-packet one-way delay: 67.463 ms
Loss rate: 23.81%
-- Flow 1:
Average throughput: 161.94 Mbit/s
95th percentile per-packet one-way delay: 67.463 ms
Loss rate: 23.81%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

Start at: 2018-02-20 02:09:04

End at: 2018-02-20 02:09:34

Local clock offset: 1.236 ms

Remote clock offset: -4.466 ms

Below is generated by plot.py at 2018-02-20 09:00:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 502.64 Mbit/s

95th percentile per-packet one-way delay: 150.263 ms

Loss rate: 21.24%

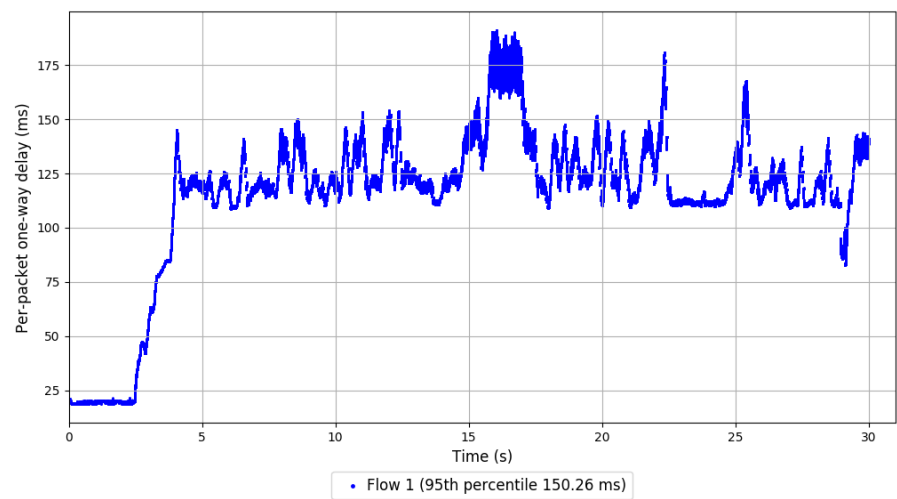
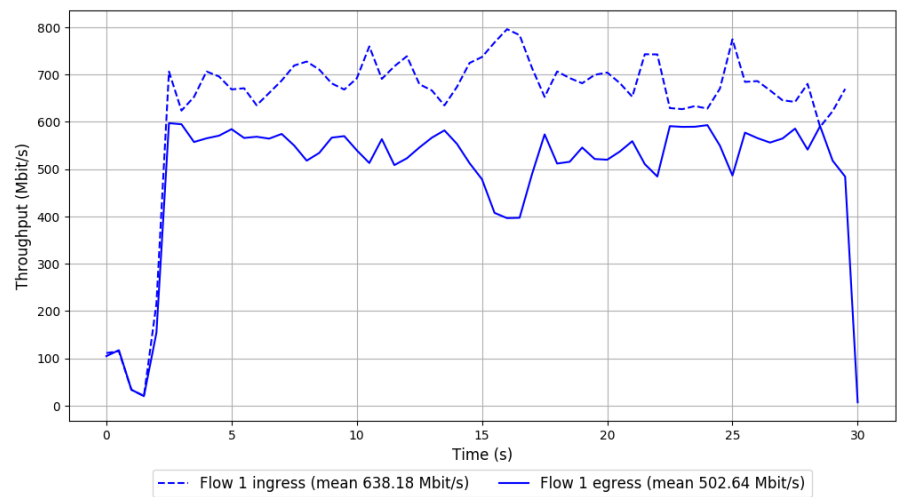
-- Flow 1:

Average throughput: 502.64 Mbit/s

95th percentile per-packet one-way delay: 150.263 ms

Loss rate: 21.24%

Run 1: Report of Copa — Data Link

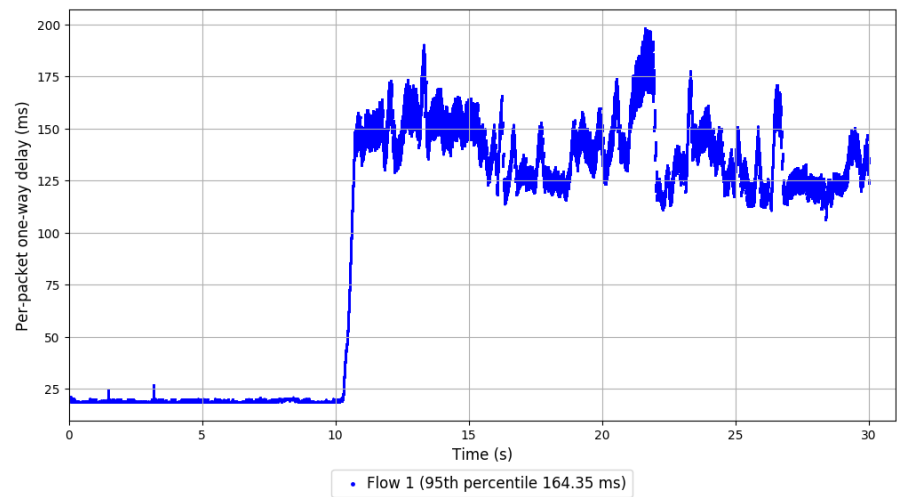
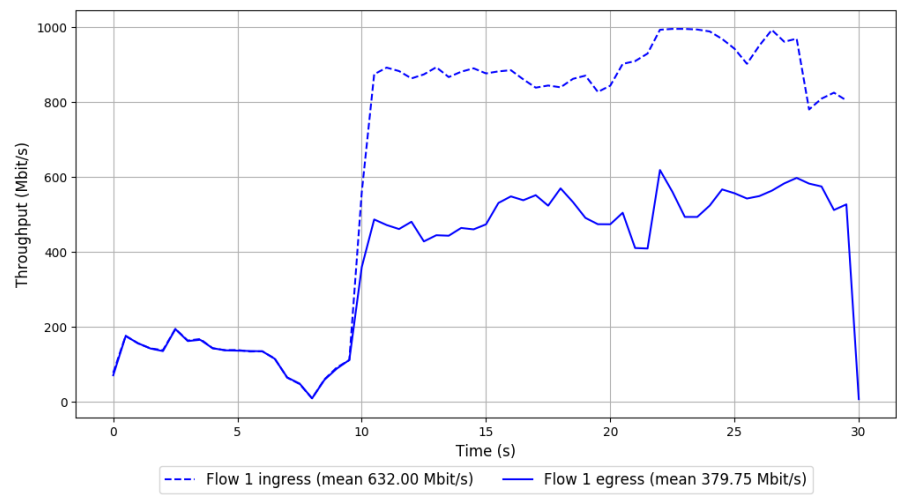


Run 2: Statistics of Copa

Start at: 2018-02-20 02:35:33
End at: 2018-02-20 02:36:03
Local clock offset: 0.763 ms
Remote clock offset: -5.735 ms

Below is generated by plot.py at 2018-02-20 09:00:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 379.75 Mbit/s
95th percentile per-packet one-way delay: 164.349 ms
Loss rate: 39.91%
-- Flow 1:
Average throughput: 379.75 Mbit/s
95th percentile per-packet one-way delay: 164.349 ms
Loss rate: 39.91%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-02-20 03:02:09

End at: 2018-02-20 03:02:39

Local clock offset: 0.475 ms

Remote clock offset: -6.55 ms

Below is generated by plot.py at 2018-02-20 09:00:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 434.50 Mbit/s

95th percentile per-packet one-way delay: 168.925 ms

Loss rate: 36.70%

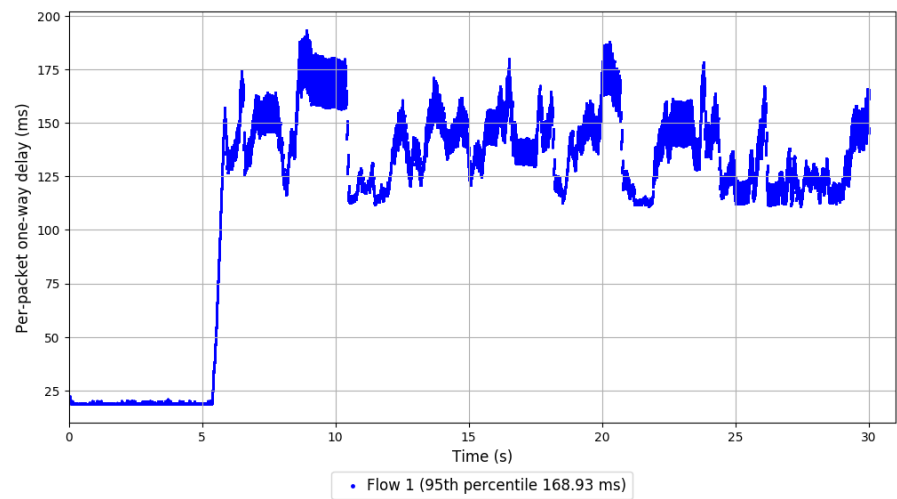
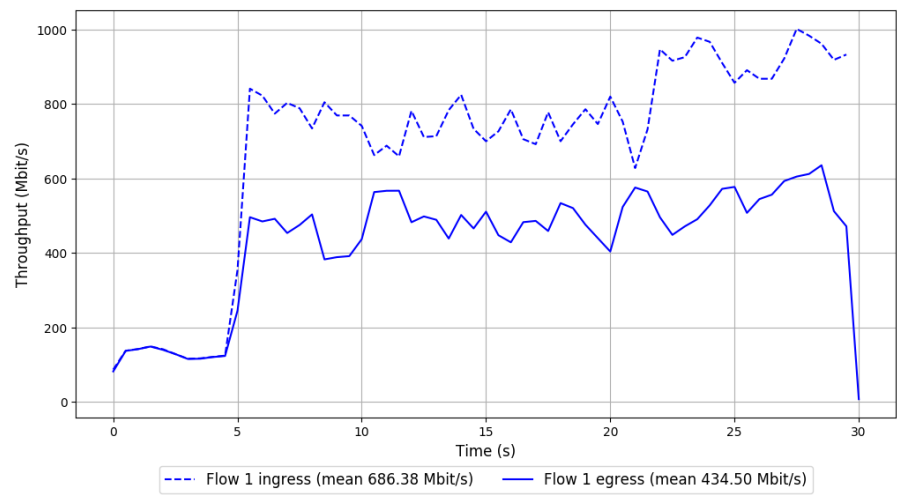
-- Flow 1:

Average throughput: 434.50 Mbit/s

95th percentile per-packet one-way delay: 168.925 ms

Loss rate: 36.70%

Run 3: Report of Copa — Data Link

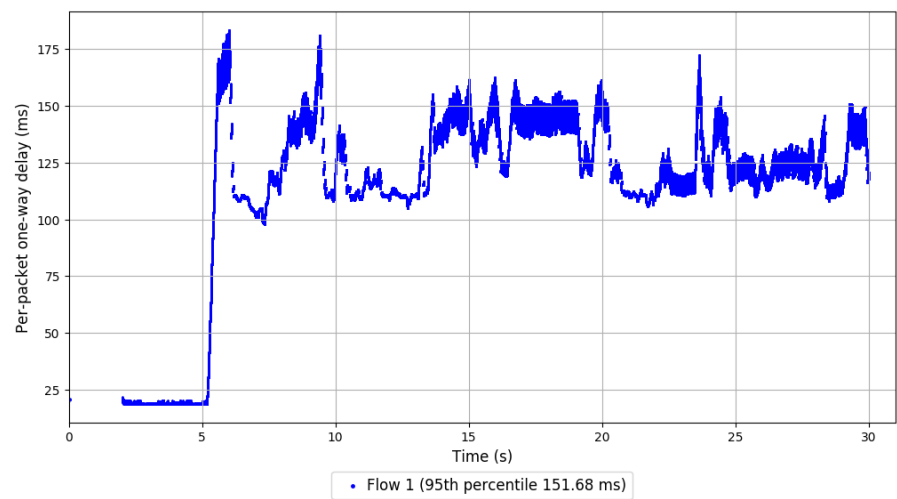
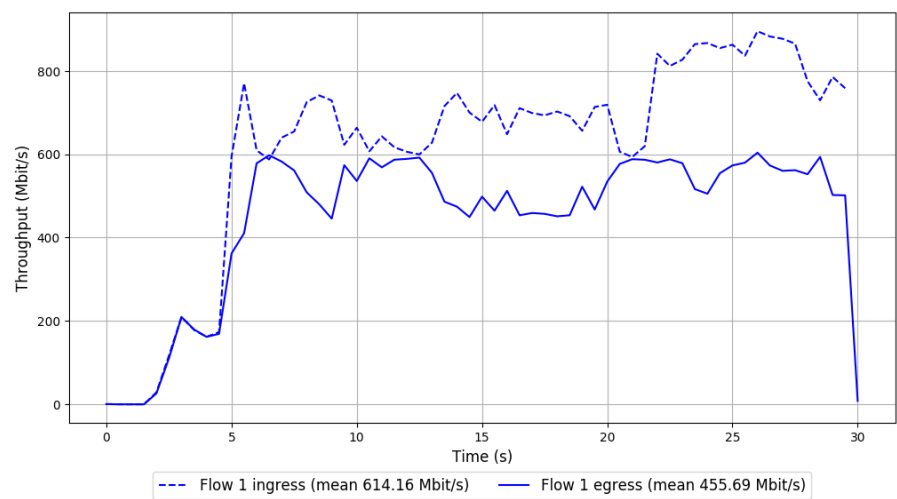


Run 4: Statistics of Copa

Start at: 2018-02-20 03:28:52
End at: 2018-02-20 03:29:22
Local clock offset: 0.355 ms
Remote clock offset: -5.451 ms

Below is generated by plot.py at 2018-02-20 09:01:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 455.69 Mbit/s
95th percentile per-packet one-way delay: 151.677 ms
Loss rate: 25.81%
-- Flow 1:
Average throughput: 455.69 Mbit/s
95th percentile per-packet one-way delay: 151.677 ms
Loss rate: 25.81%

Run 4: Report of Copa — Data Link

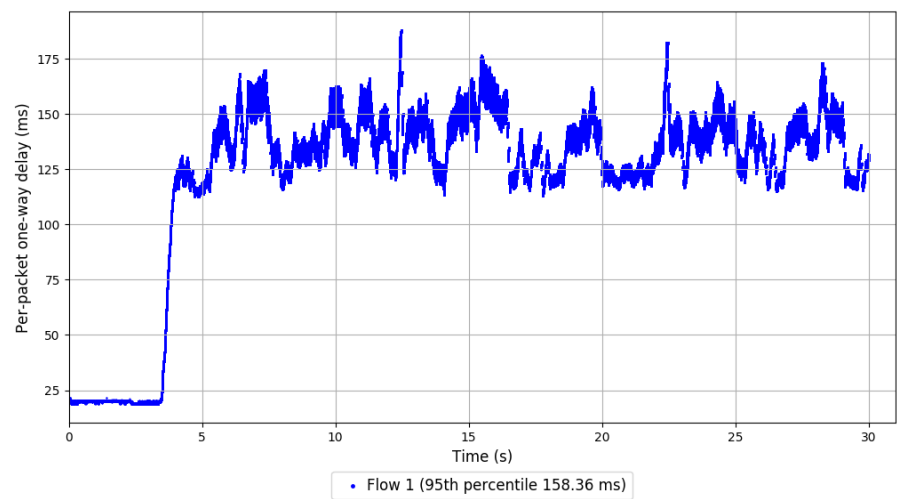
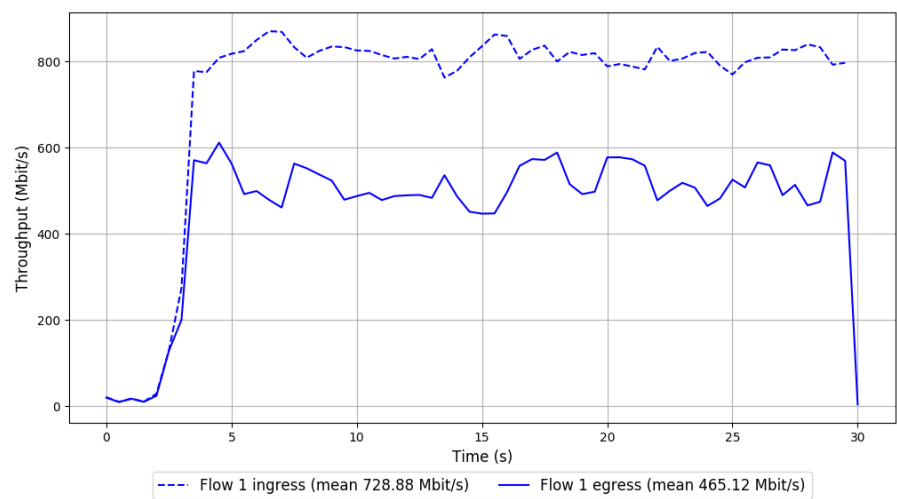


Run 5: Statistics of Copa

Start at: 2018-02-20 03:55:32
End at: 2018-02-20 03:56:02
Local clock offset: 0.068 ms
Remote clock offset: -5.088 ms

Below is generated by plot.py at 2018-02-20 09:01:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 465.12 Mbit/s
95th percentile per-packet one-way delay: 158.359 ms
Loss rate: 36.19%
-- Flow 1:
Average throughput: 465.12 Mbit/s
95th percentile per-packet one-way delay: 158.359 ms
Loss rate: 36.19%

Run 5: Report of Copa — Data Link

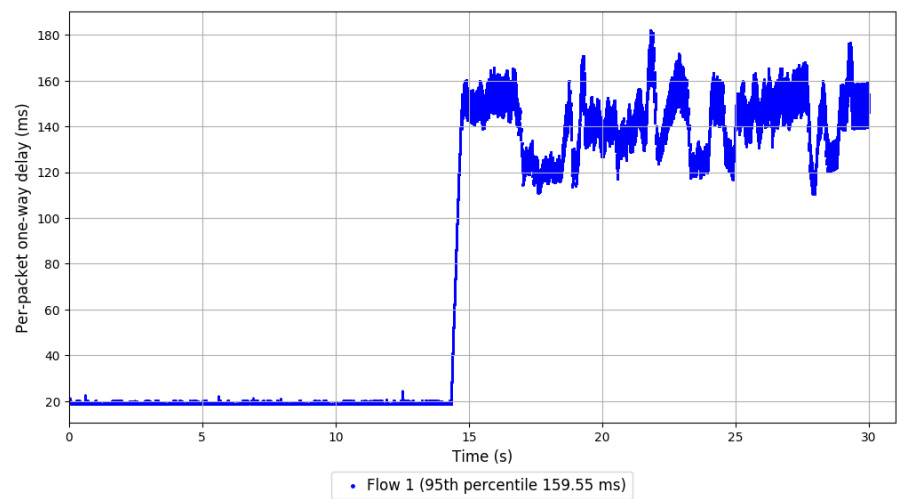
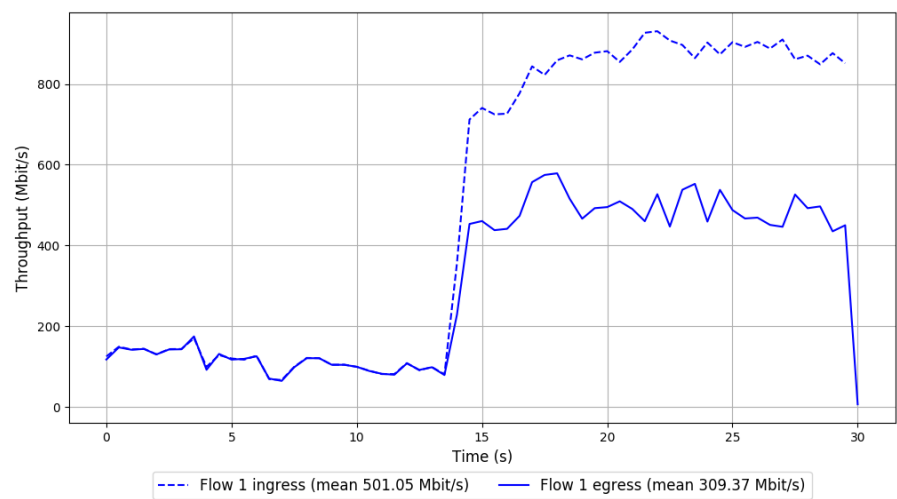


Run 6: Statistics of Copa

Start at: 2018-02-20 04:22:15
End at: 2018-02-20 04:22:45
Local clock offset: 1.307 ms
Remote clock offset: -4.898 ms

Below is generated by plot.py at 2018-02-20 09:01:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 309.37 Mbit/s
95th percentile per-packet one-way delay: 159.547 ms
Loss rate: 38.26%
-- Flow 1:
Average throughput: 309.37 Mbit/s
95th percentile per-packet one-way delay: 159.547 ms
Loss rate: 38.26%

Run 6: Report of Copa — Data Link

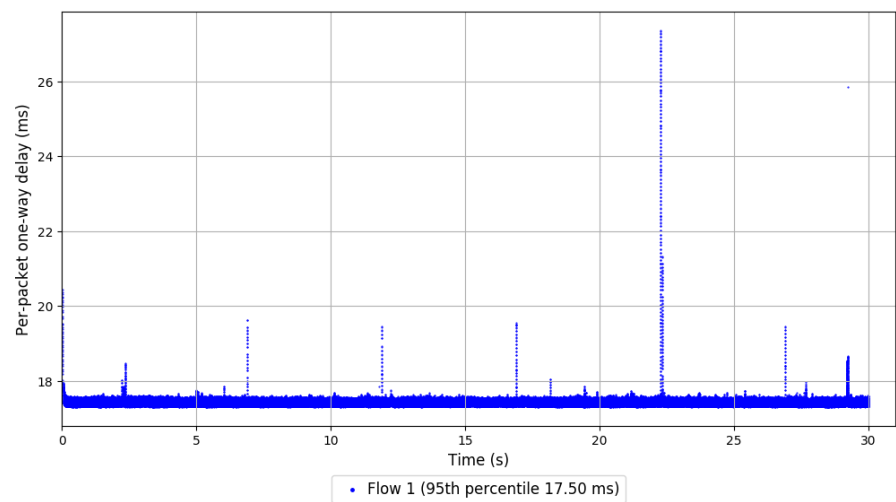
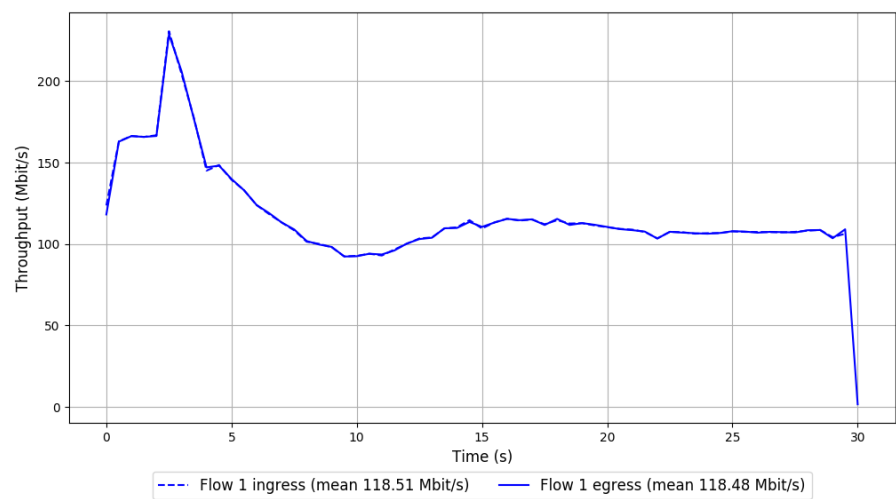


Run 7: Statistics of Copa

Start at: 2018-02-20 04:48:52
End at: 2018-02-20 04:49:22
Local clock offset: 1.639 ms
Remote clock offset: -4.685 ms

Below is generated by plot.py at 2018-02-20 09:01:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 118.48 Mbit/s
95th percentile per-packet one-way delay: 17.504 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 118.48 Mbit/s
95th percentile per-packet one-way delay: 17.504 ms
Loss rate: 0.02%

Run 7: Report of Copa — Data Link

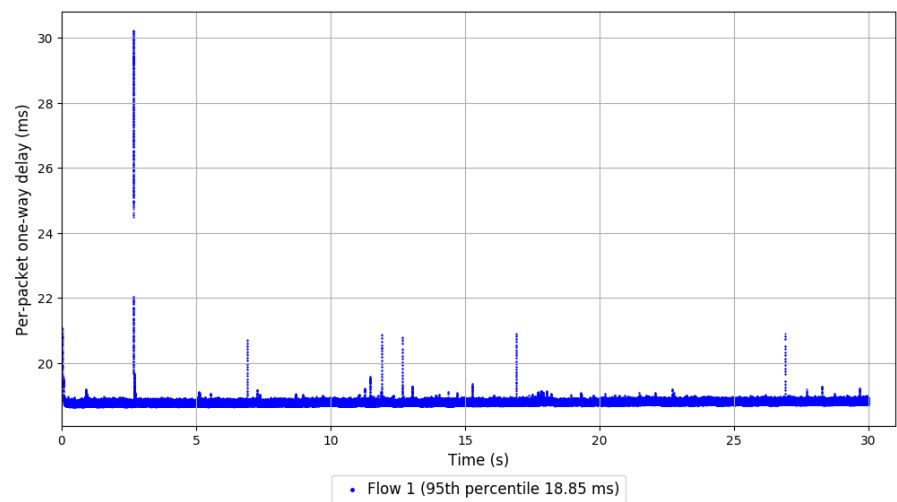
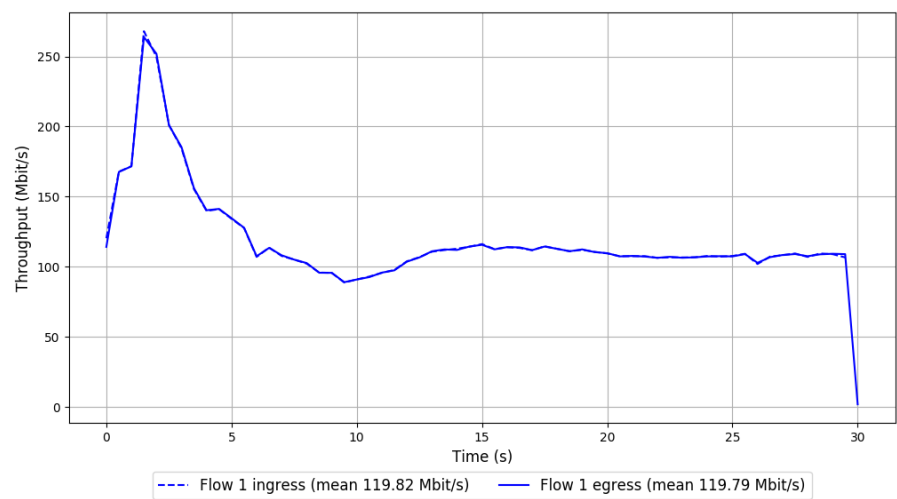


Run 8: Statistics of Copa

Start at: 2018-02-20 05:16:01
End at: 2018-02-20 05:16:31
Local clock offset: 2.04 ms
Remote clock offset: -6.367 ms

Below is generated by plot.py at 2018-02-20 09:01:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 119.79 Mbit/s
95th percentile per-packet one-way delay: 18.851 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 119.79 Mbit/s
95th percentile per-packet one-way delay: 18.851 ms
Loss rate: 0.03%

Run 8: Report of Copa — Data Link

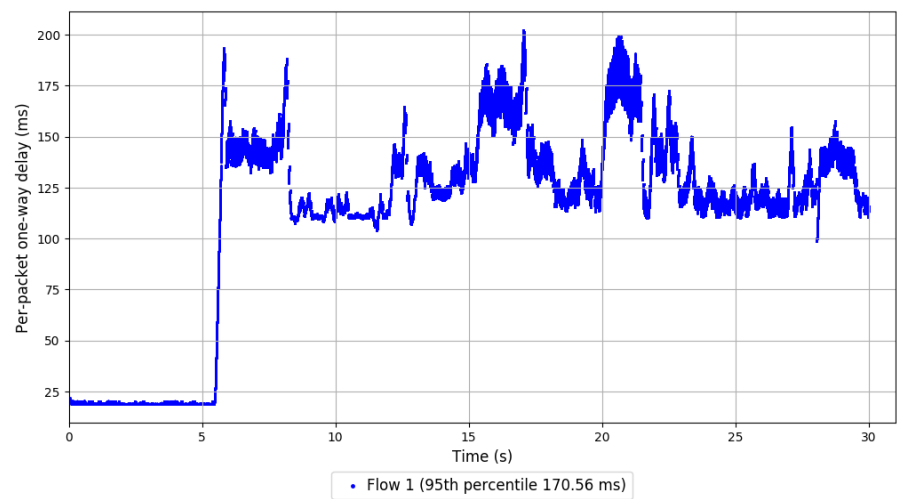
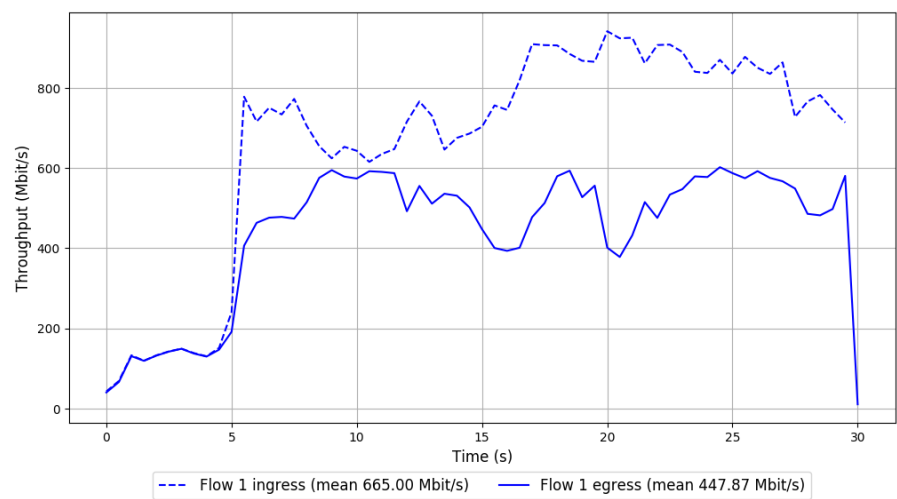


Run 9: Statistics of Copa

Start at: 2018-02-20 05:43:06
End at: 2018-02-20 05:43:36
Local clock offset: 3.297 ms
Remote clock offset: -6.233 ms

Below is generated by plot.py at 2018-02-20 09:05:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 447.87 Mbit/s
95th percentile per-packet one-way delay: 170.563 ms
Loss rate: 32.65%
-- Flow 1:
Average throughput: 447.87 Mbit/s
95th percentile per-packet one-way delay: 170.563 ms
Loss rate: 32.65%

Run 9: Report of Copa — Data Link

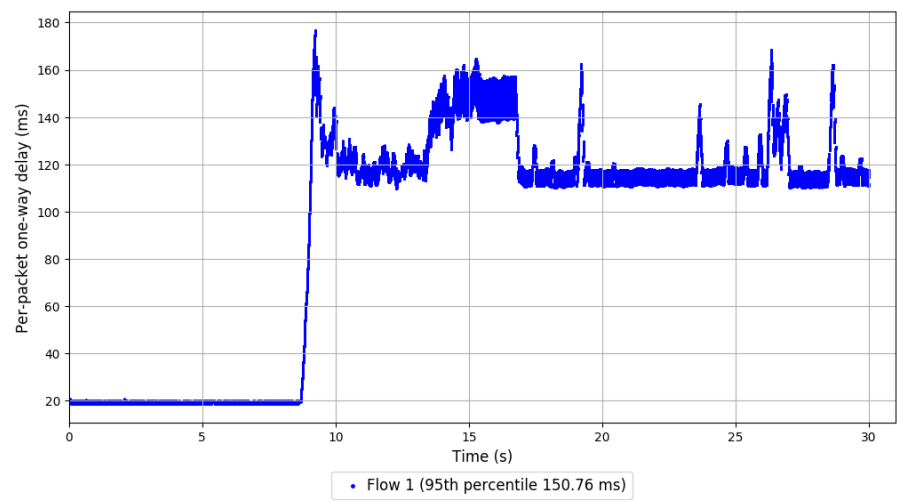
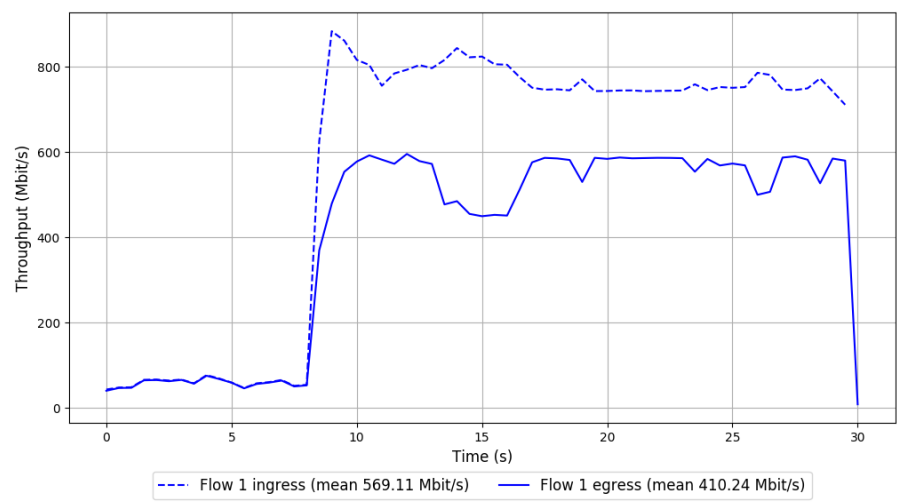


Run 10: Statistics of Copa

Start at: 2018-02-20 06:10:04
End at: 2018-02-20 06:10:34
Local clock offset: 1.212 ms
Remote clock offset: -6.156 ms

Below is generated by plot.py at 2018-02-20 09:05:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 410.24 Mbit/s
95th percentile per-packet one-way delay: 150.757 ms
Loss rate: 27.92%
-- Flow 1:
Average throughput: 410.24 Mbit/s
95th percentile per-packet one-way delay: 150.757 ms
Loss rate: 27.92%

Run 10: Report of Copa — Data Link

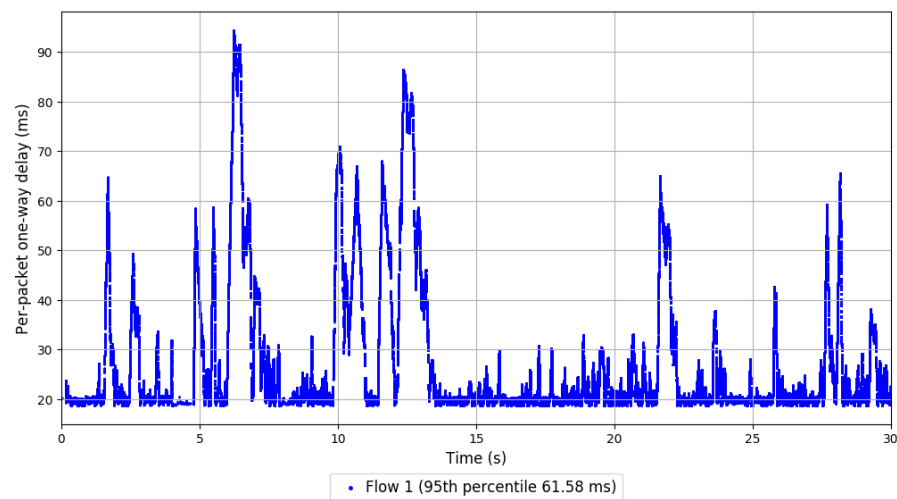
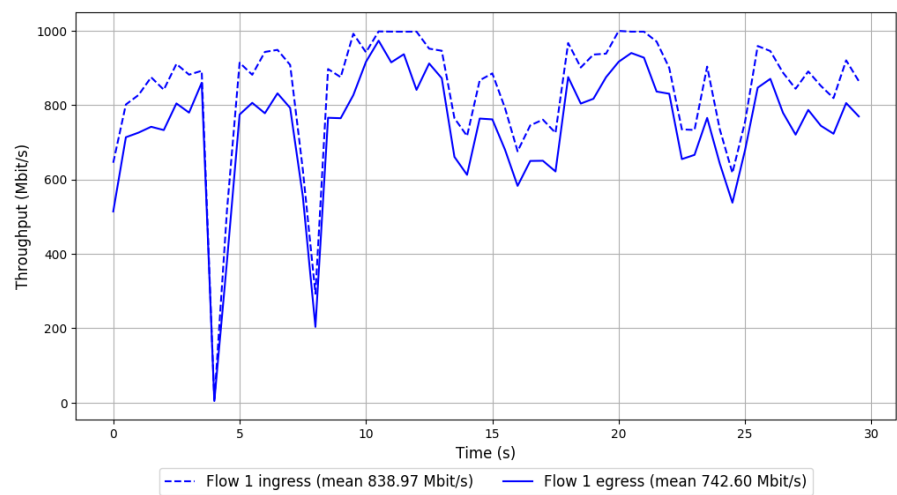


```
Run 1: Statistics of FillP

Start at: 2018-02-20 01:53:05
End at: 2018-02-20 01:53:35
Local clock offset: 1.492 ms
Remote clock offset: -3.852 ms

# Below is generated by plot.py at 2018-02-20 09:09:41
# Datalink statistics
-- Total of 1 flow:
Average throughput: 742.60 Mbit/s
95th percentile per-packet one-way delay: 61.581 ms
Loss rate: 11.50%
-- Flow 1:
Average throughput: 742.60 Mbit/s
95th percentile per-packet one-way delay: 61.581 ms
Loss rate: 11.50%
```

Run 1: Report of FillP — Data Link

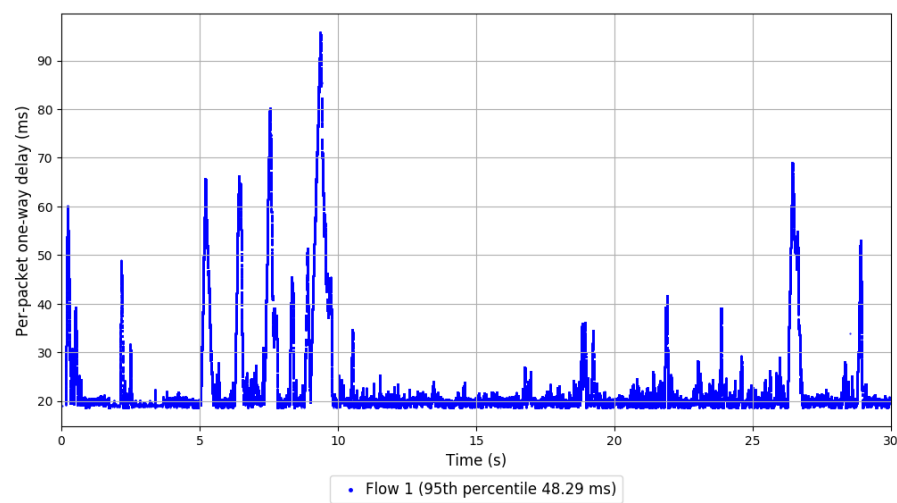
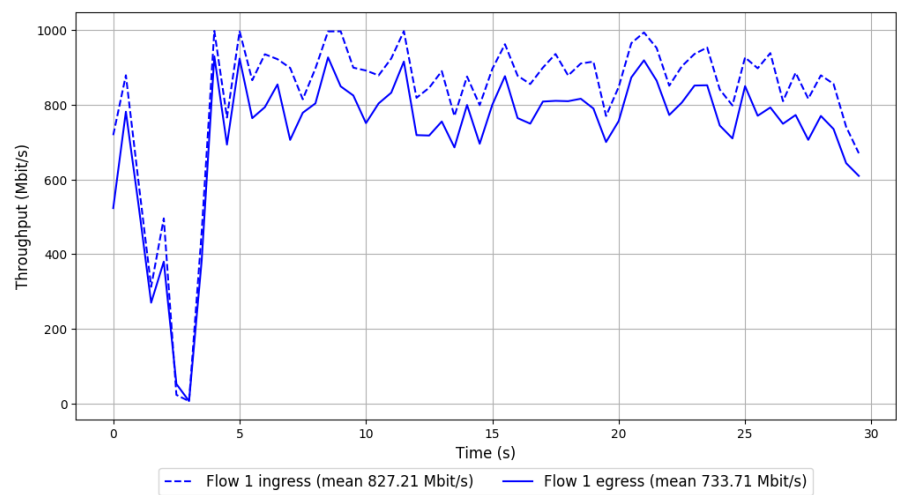


Run 2: Statistics of FillP

Start at: 2018-02-20 02:19:37
End at: 2018-02-20 02:20:07
Local clock offset: 1.161 ms
Remote clock offset: -5.237 ms

Below is generated by plot.py at 2018-02-20 09:09:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 733.71 Mbit/s
95th percentile per-packet one-way delay: 48.290 ms
Loss rate: 11.30%
-- Flow 1:
Average throughput: 733.71 Mbit/s
95th percentile per-packet one-way delay: 48.290 ms
Loss rate: 11.30%

Run 2: Report of FillP — Data Link

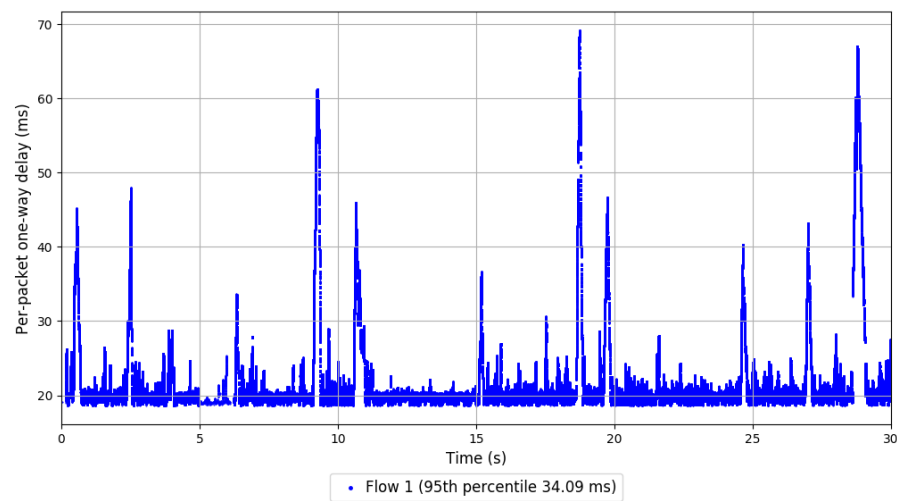
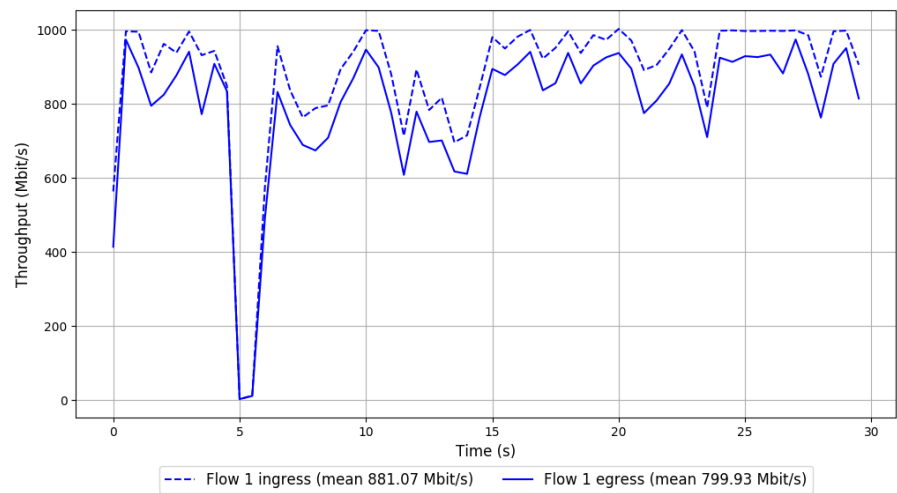


Run 3: Statistics of FillP

Start at: 2018-02-20 02:45:57
End at: 2018-02-20 02:46:27
Local clock offset: 0.577 ms
Remote clock offset: -6.138 ms

Below is generated by plot.py at 2018-02-20 09:12:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 799.93 Mbit/s
95th percentile per-packet one-way delay: 34.092 ms
Loss rate: 9.21%
-- Flow 1:
Average throughput: 799.93 Mbit/s
95th percentile per-packet one-way delay: 34.092 ms
Loss rate: 9.21%

Run 3: Report of FillP — Data Link

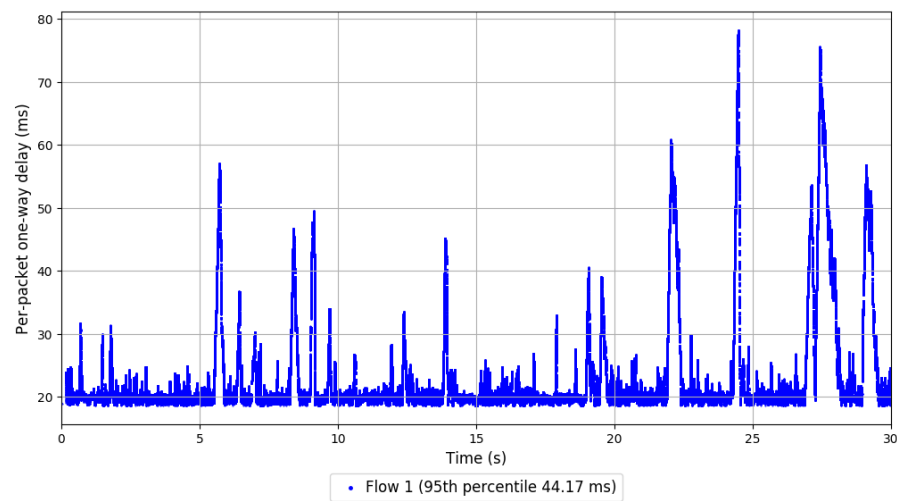
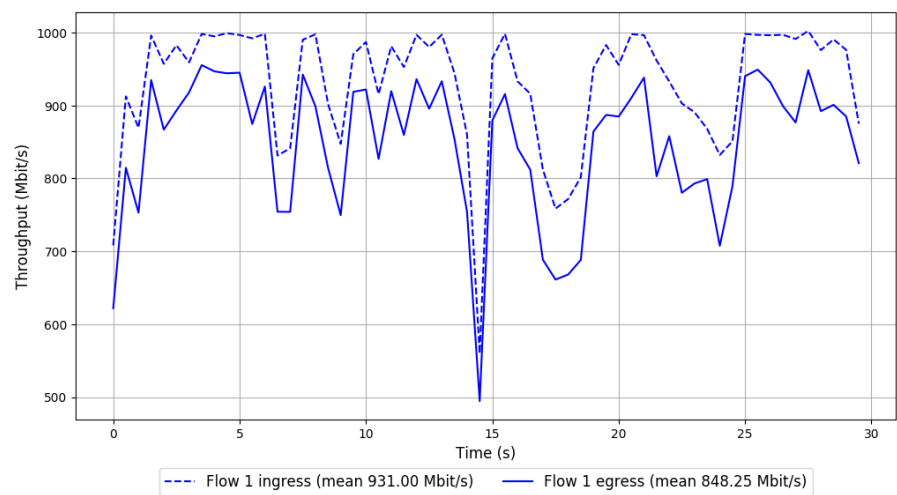


Run 4: Statistics of FillP

Start at: 2018-02-20 03:12:26
End at: 2018-02-20 03:12:56
Local clock offset: 0.48 ms
Remote clock offset: -6.829 ms

Below is generated by plot.py at 2018-02-20 09:13:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 848.25 Mbit/s
95th percentile per-packet one-way delay: 44.168 ms
Loss rate: 8.89%
-- Flow 1:
Average throughput: 848.25 Mbit/s
95th percentile per-packet one-way delay: 44.168 ms
Loss rate: 8.89%

Run 4: Report of FillP — Data Link

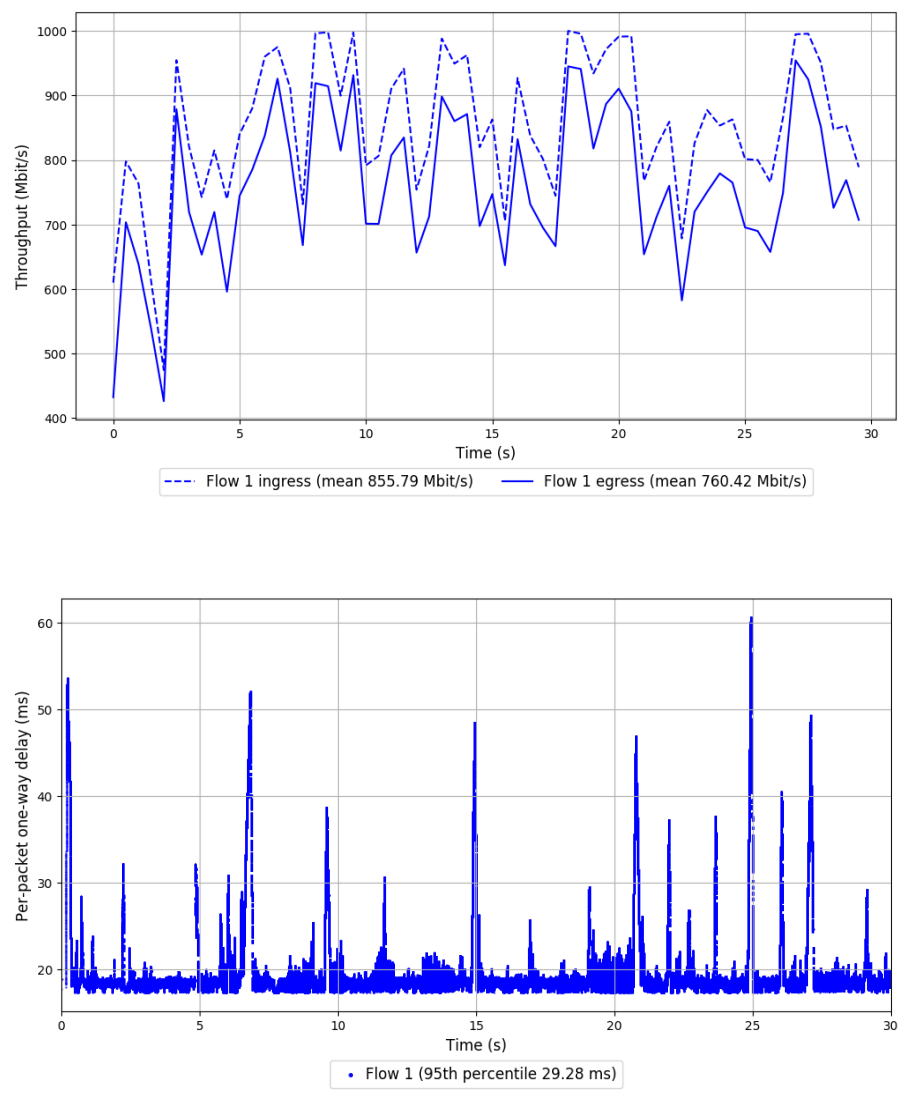


Run 5: Statistics of FillP

Start at: 2018-02-20 03:39:30
End at: 2018-02-20 03:40:00
Local clock offset: 0.196 ms
Remote clock offset: -5.297 ms

Below is generated by plot.py at 2018-02-20 09:13:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 760.42 Mbit/s
95th percentile per-packet one-way delay: 29.280 ms
Loss rate: 11.14%
-- Flow 1:
Average throughput: 760.42 Mbit/s
95th percentile per-packet one-way delay: 29.280 ms
Loss rate: 11.14%

Run 5: Report of FillP — Data Link

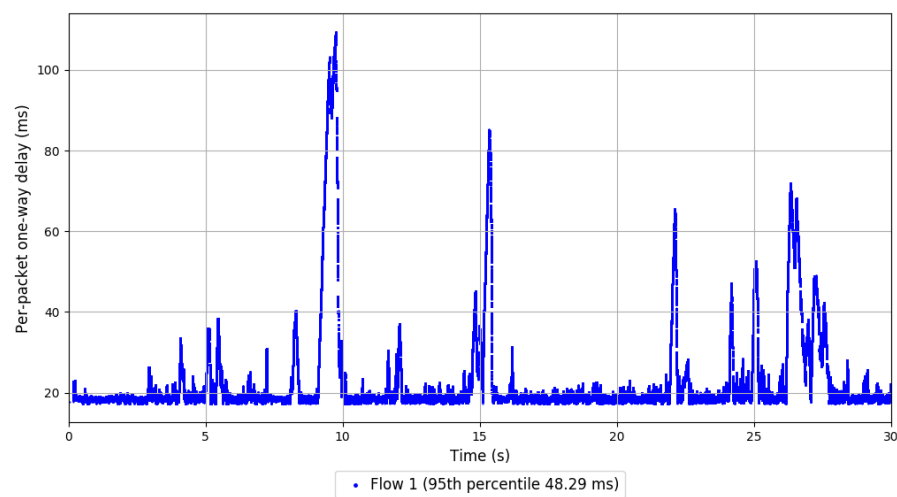
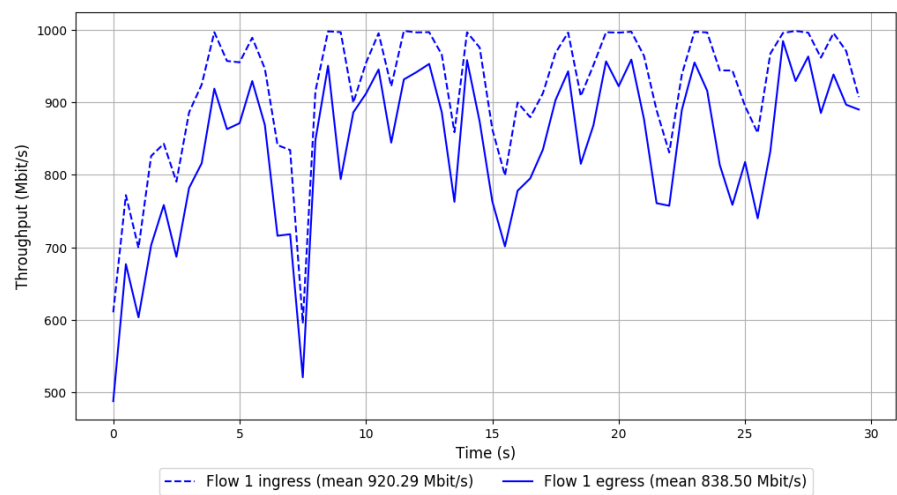


Run 6: Statistics of FillP

Start at: 2018-02-20 04:06:00
End at: 2018-02-20 04:06:30
Local clock offset: 0.066 ms
Remote clock offset: -5.019 ms

Below is generated by plot.py at 2018-02-20 09:15:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 838.50 Mbit/s
95th percentile per-packet one-way delay: 48.288 ms
Loss rate: 8.89%
-- Flow 1:
Average throughput: 838.50 Mbit/s
95th percentile per-packet one-way delay: 48.288 ms
Loss rate: 8.89%

Run 6: Report of FillP — Data Link

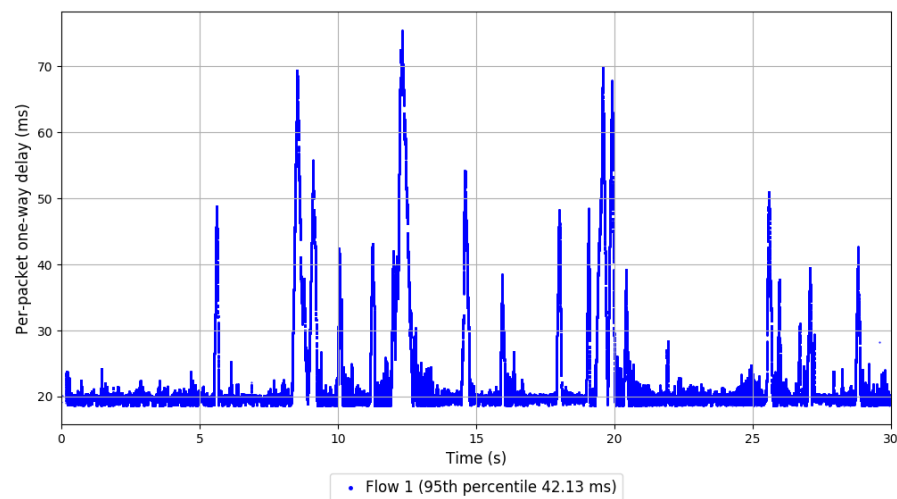
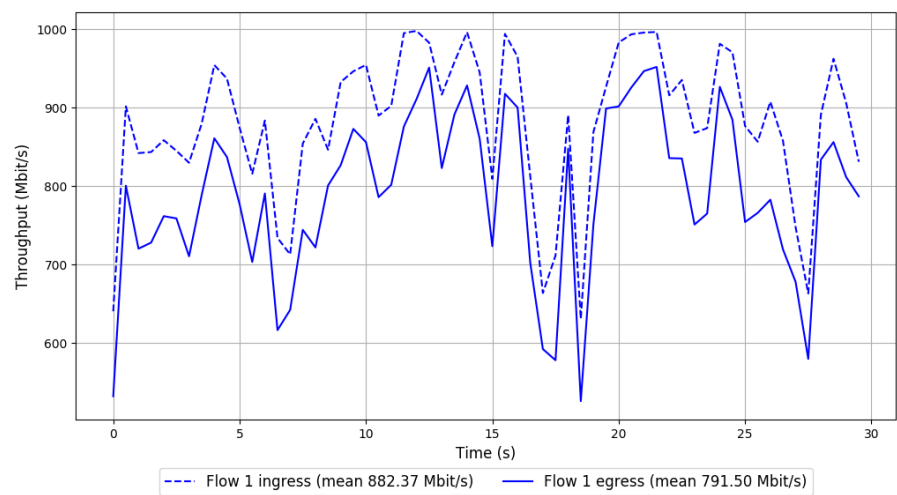


Run 7: Statistics of FillP

Start at: 2018-02-20 04:32:39
End at: 2018-02-20 04:33:09
Local clock offset: 1.654 ms
Remote clock offset: -4.866 ms

Below is generated by plot.py at 2018-02-20 09:17:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 791.50 Mbit/s
95th percentile per-packet one-way delay: 42.130 ms
Loss rate: 10.29%
-- Flow 1:
Average throughput: 791.50 Mbit/s
95th percentile per-packet one-way delay: 42.130 ms
Loss rate: 10.29%

Run 7: Report of FillP — Data Link

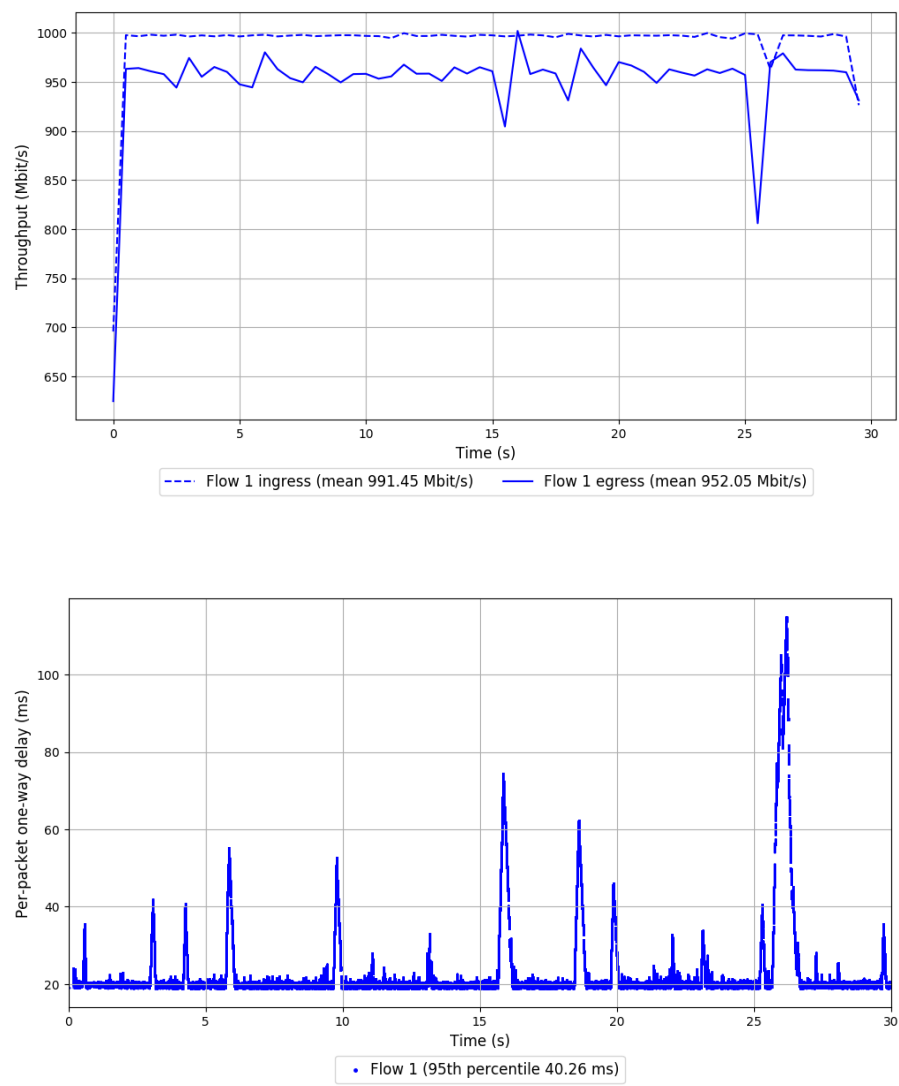


Run 8: Statistics of FillP

Start at: 2018-02-20 04:59:18
End at: 2018-02-20 04:59:48
Local clock offset: 1.669 ms
Remote clock offset: -5.247 ms

Below is generated by plot.py at 2018-02-20 09:20:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 952.05 Mbit/s
95th percentile per-packet one-way delay: 40.264 ms
Loss rate: 3.97%
-- Flow 1:
Average throughput: 952.05 Mbit/s
95th percentile per-packet one-way delay: 40.264 ms
Loss rate: 3.97%

Run 8: Report of FillP — Data Link

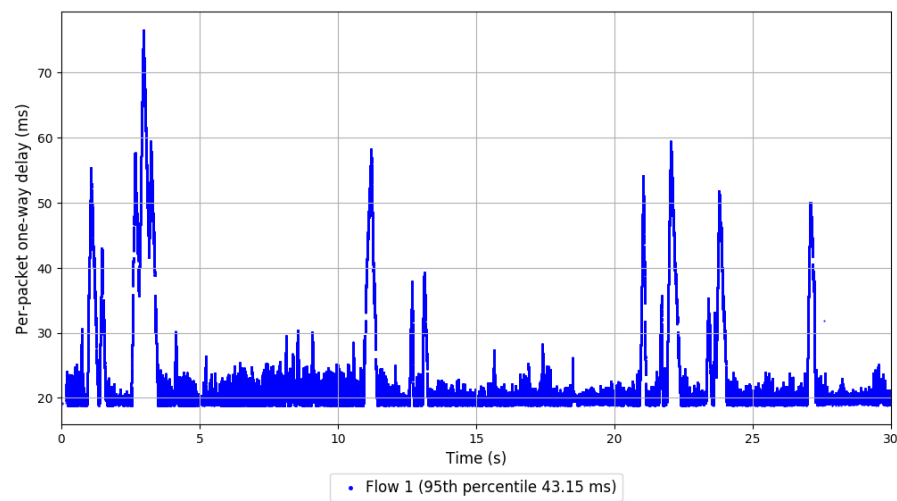
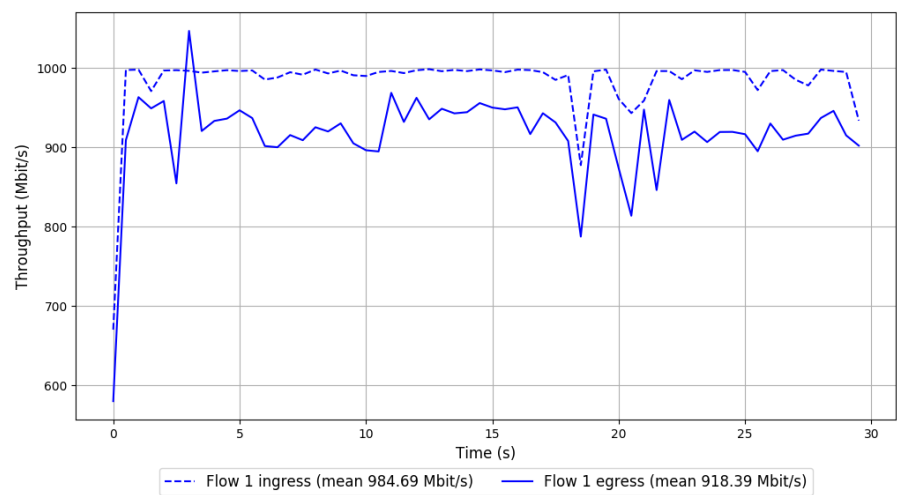


Run 9: Statistics of FillP

Start at: 2018-02-20 05:26:22
End at: 2018-02-20 05:26:52
Local clock offset: 2.72 ms
Remote clock offset: -6.518 ms

Below is generated by plot.py at 2018-02-20 09:25:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 918.39 Mbit/s
95th percentile per-packet one-way delay: 43.154 ms
Loss rate: 6.73%
-- Flow 1:
Average throughput: 918.39 Mbit/s
95th percentile per-packet one-way delay: 43.154 ms
Loss rate: 6.73%

Run 9: Report of FillP — Data Link

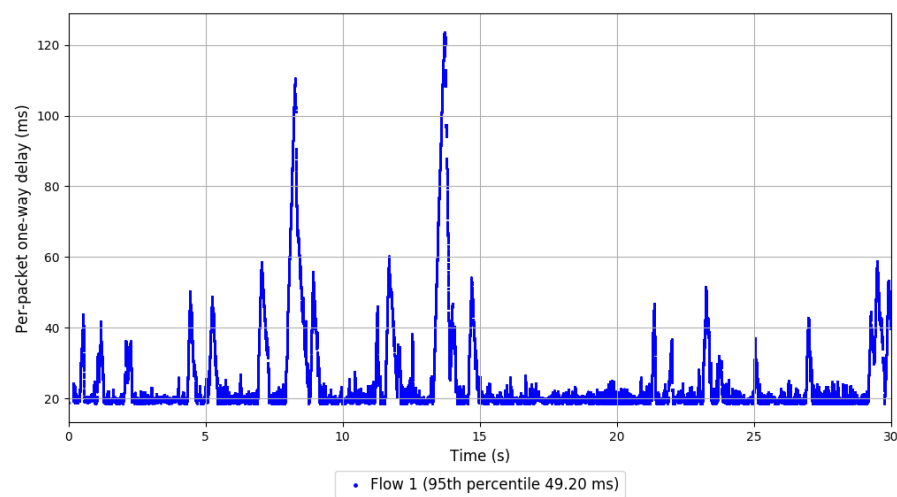
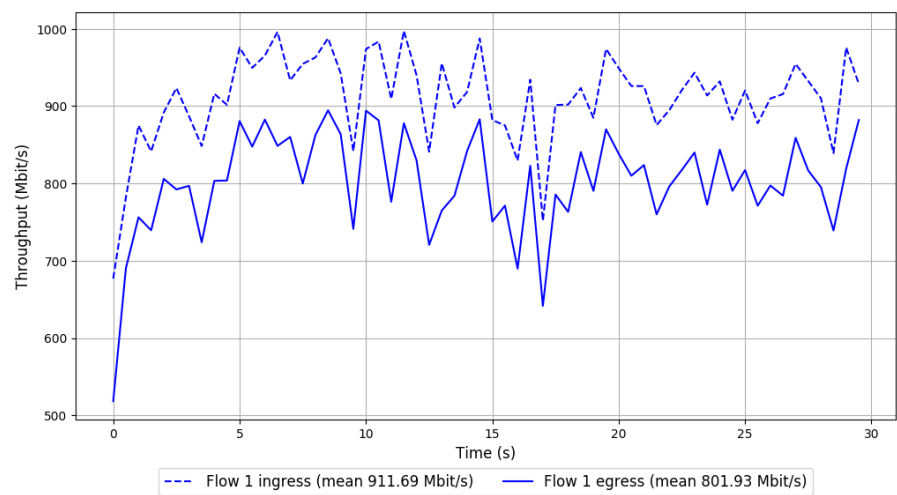


Run 10: Statistics of FillP

Start at: 2018-02-20 05:53:40
End at: 2018-02-20 05:54:10
Local clock offset: 2.369 ms
Remote clock offset: -6.324 ms

Below is generated by plot.py at 2018-02-20 09:25:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 801.93 Mbit/s
95th percentile per-packet one-way delay: 49.204 ms
Loss rate: 12.04%
-- Flow 1:
Average throughput: 801.93 Mbit/s
95th percentile per-packet one-way delay: 49.204 ms
Loss rate: 12.04%

Run 10: Report of FillP — Data Link



Run 1: Statistics of Indigo-1-32

Start at: 2018-02-20 02:03:15

End at: 2018-02-20 02:03:45

Local clock offset: 1.325 ms

Remote clock offset: -3.808 ms

Below is generated by plot.py at 2018-02-20 09:25:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 182.37 Mbit/s

95th percentile per-packet one-way delay: 20.661 ms

Loss rate: 4.67%

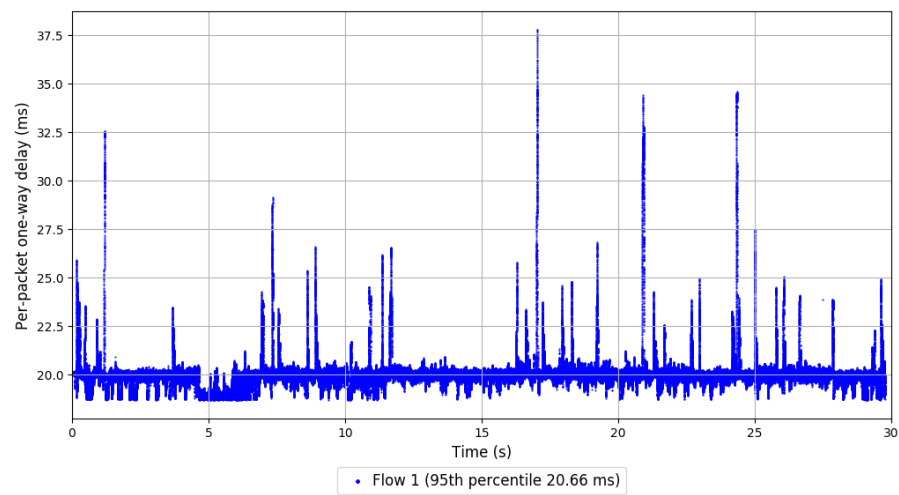
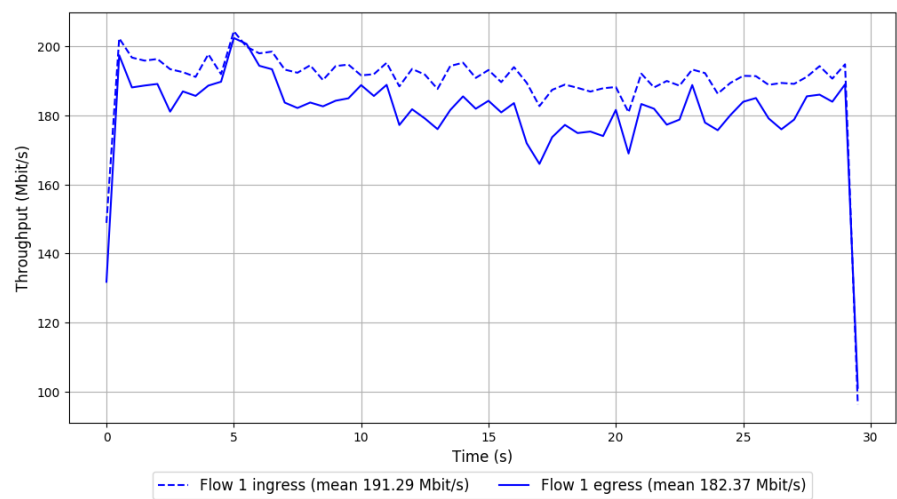
-- Flow 1:

Average throughput: 182.37 Mbit/s

95th percentile per-packet one-way delay: 20.661 ms

Loss rate: 4.67%

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-02-20 02:29:52

End at: 2018-02-20 02:30:22

Local clock offset: 0.891 ms

Remote clock offset: -5.547 ms

Below is generated by plot.py at 2018-02-20 09:25:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 192.71 Mbit/s

95th percentile per-packet one-way delay: 18.668 ms

Loss rate: 1.82%

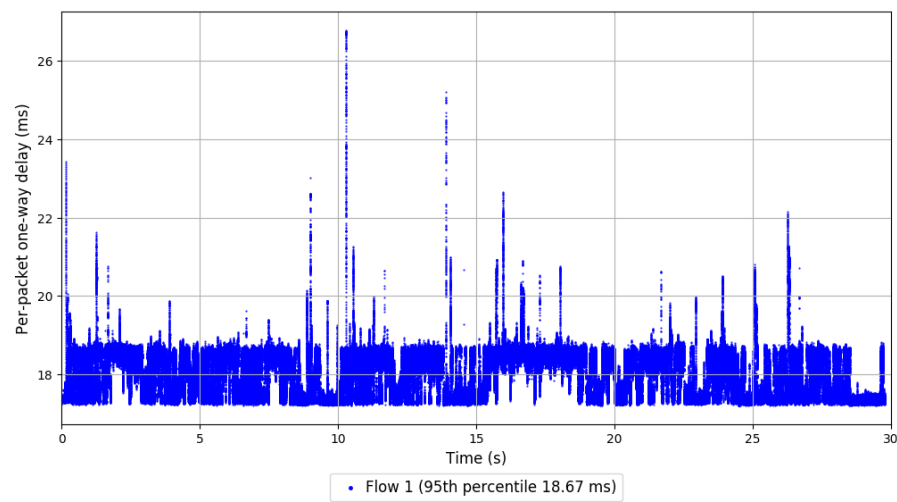
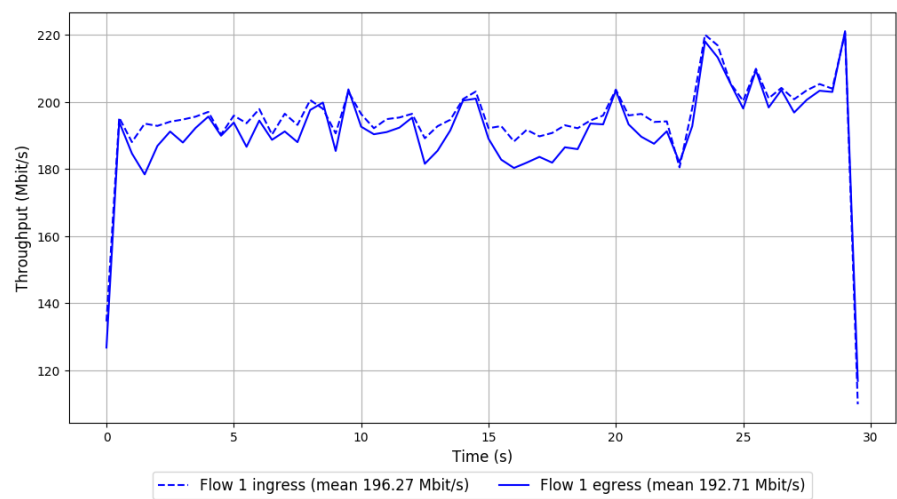
-- Flow 1:

Average throughput: 192.71 Mbit/s

95th percentile per-packet one-way delay: 18.668 ms

Loss rate: 1.82%

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

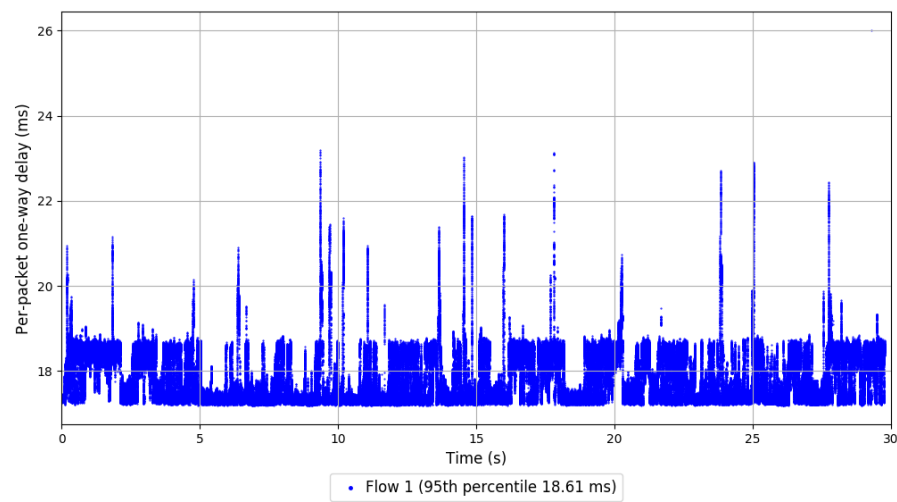
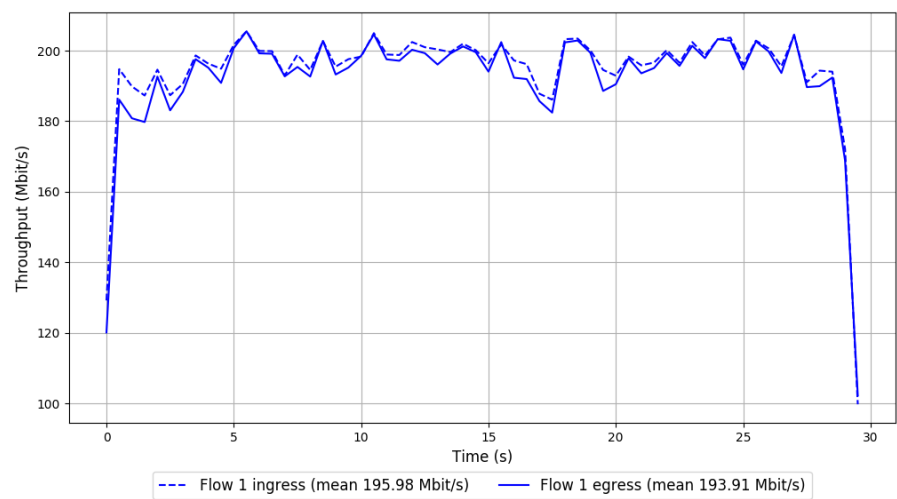


Run 3: Statistics of Indigo-1-32

Start at: 2018-02-20 02:56:28
End at: 2018-02-20 02:56:58
Local clock offset: 0.434 ms
Remote clock offset: -6.468 ms

Below is generated by plot.py at 2018-02-20 09:25:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 193.91 Mbit/s
95th percentile per-packet one-way delay: 18.609 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 193.91 Mbit/s
95th percentile per-packet one-way delay: 18.609 ms
Loss rate: 1.05%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-02-20 03:22:59

End at: 2018-02-20 03:23:29

Local clock offset: 0.386 ms

Remote clock offset: -5.696 ms

Below is generated by plot.py at 2018-02-20 09:25:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 195.83 Mbit/s

95th percentile per-packet one-way delay: 20.190 ms

Loss rate: 1.80%

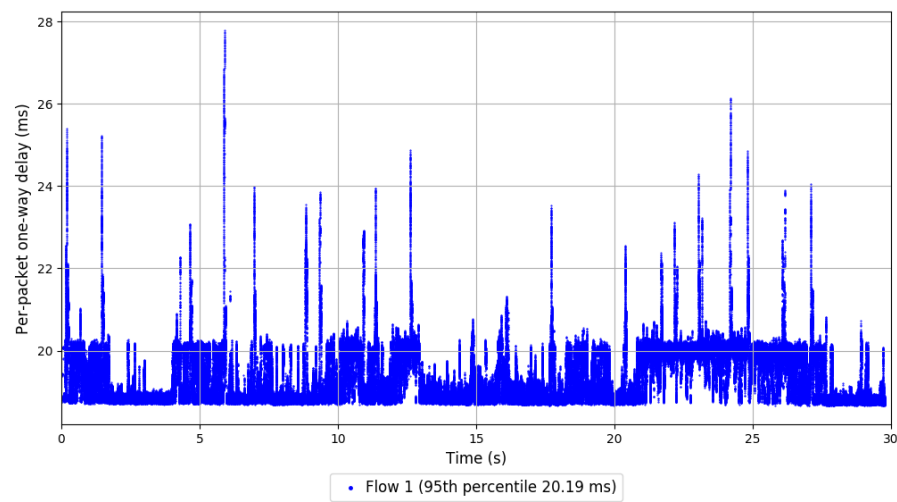
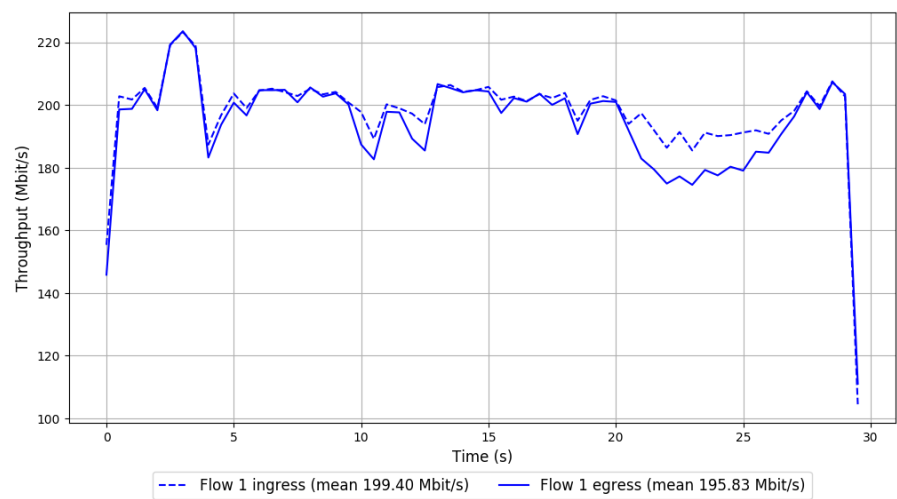
-- Flow 1:

Average throughput: 195.83 Mbit/s

95th percentile per-packet one-way delay: 20.190 ms

Loss rate: 1.80%

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

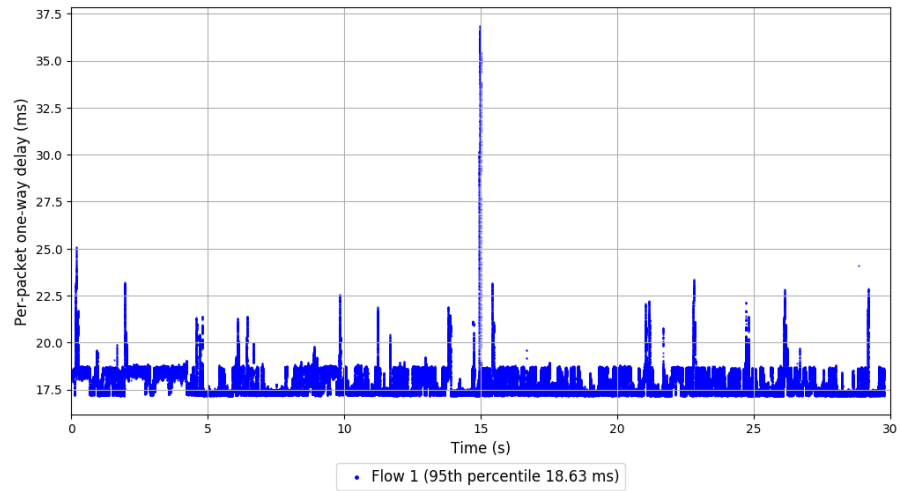
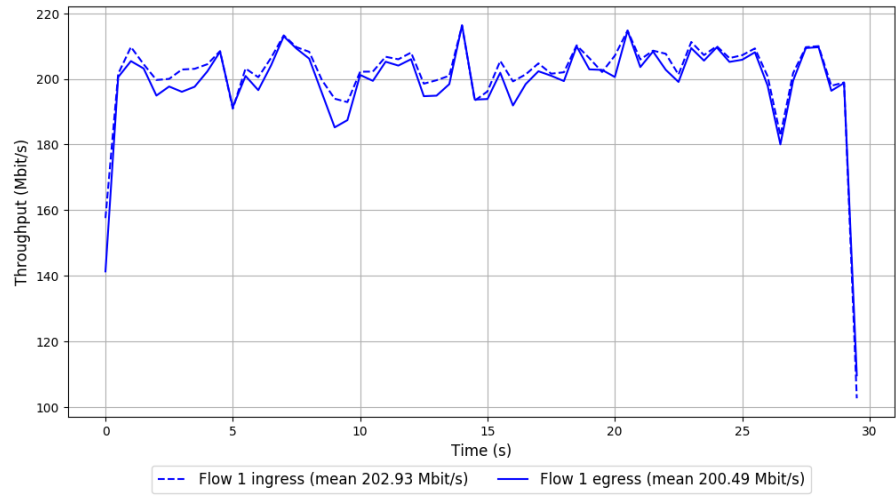


Run 5: Statistics of Indigo-1-32

Start at: 2018-02-20 03:49:40
End at: 2018-02-20 03:50:10
Local clock offset: 0.189 ms
Remote clock offset: -5.273 ms

Below is generated by plot.py at 2018-02-20 09:25:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 200.49 Mbit/s
95th percentile per-packet one-way delay: 18.631 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 200.49 Mbit/s
95th percentile per-packet one-way delay: 18.631 ms
Loss rate: 1.21%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-02-20 04:16:27

End at: 2018-02-20 04:16:57

Local clock offset: 1.135 ms

Remote clock offset: -4.873 ms

Below is generated by plot.py at 2018-02-20 09:25:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 197.44 Mbit/s

95th percentile per-packet one-way delay: 18.707 ms

Loss rate: 1.42%

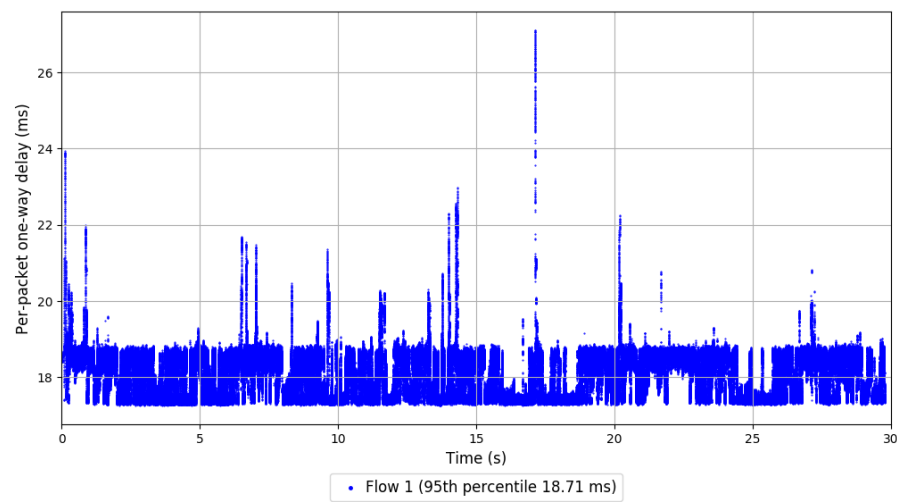
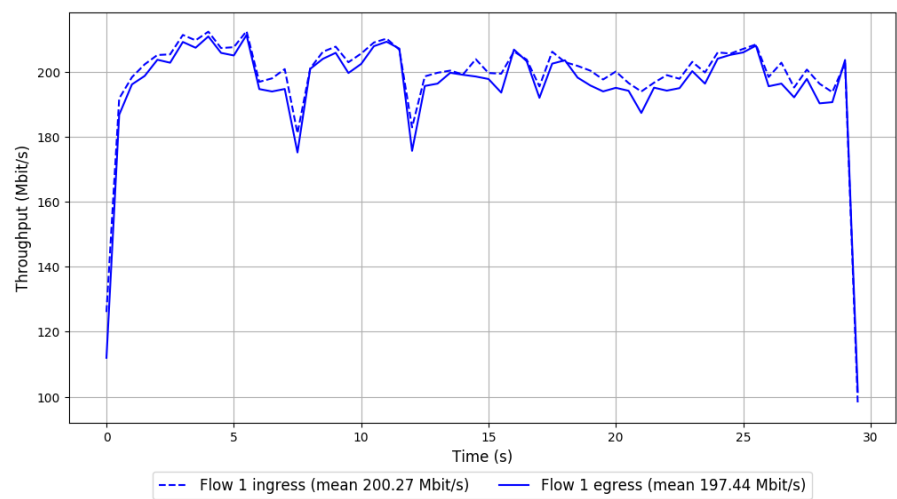
-- Flow 1:

Average throughput: 197.44 Mbit/s

95th percentile per-packet one-way delay: 18.707 ms

Loss rate: 1.42%

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



Run 7: Statistics of Indigo-1-32

Start at: 2018-02-20 04:43:04

End at: 2018-02-20 04:43:34

Local clock offset: 1.735 ms

Remote clock offset: -4.793 ms

Below is generated by plot.py at 2018-02-20 09:25:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 195.70 Mbit/s

95th percentile per-packet one-way delay: 20.148 ms

Loss rate: 1.42%

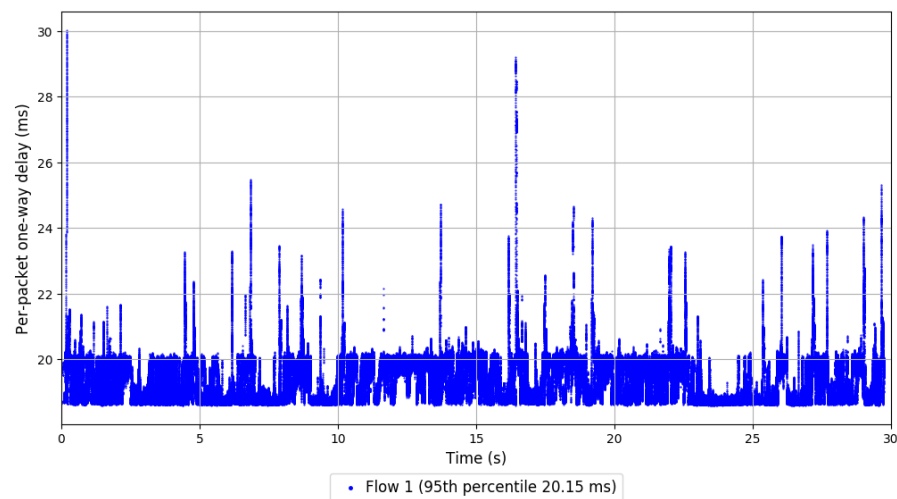
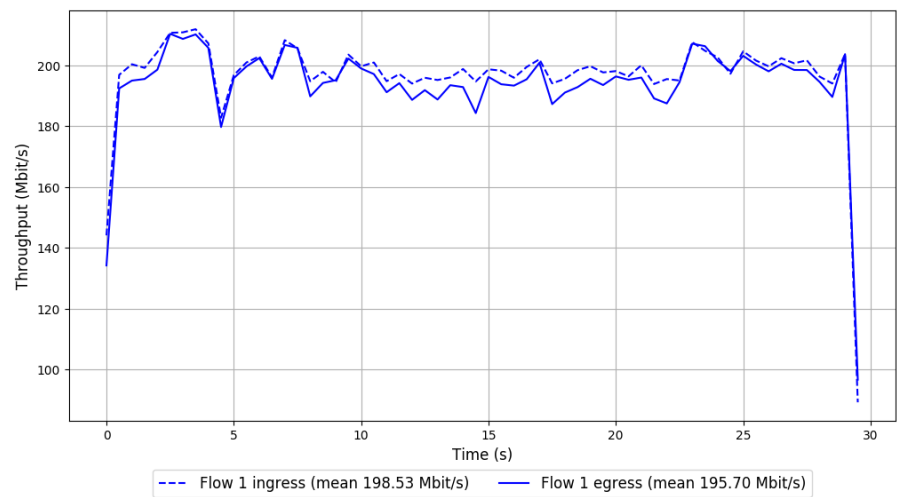
-- Flow 1:

Average throughput: 195.70 Mbit/s

95th percentile per-packet one-way delay: 20.148 ms

Loss rate: 1.42%

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



Run 8: Statistics of Indigo-1-32

Start at: 2018-02-20 05:10:02

End at: 2018-02-20 05:10:32

Local clock offset: 1.737 ms

Remote clock offset: -6.032 ms

Below is generated by plot.py at 2018-02-20 09:25:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 205.26 Mbit/s

95th percentile per-packet one-way delay: 19.115 ms

Loss rate: 0.02%

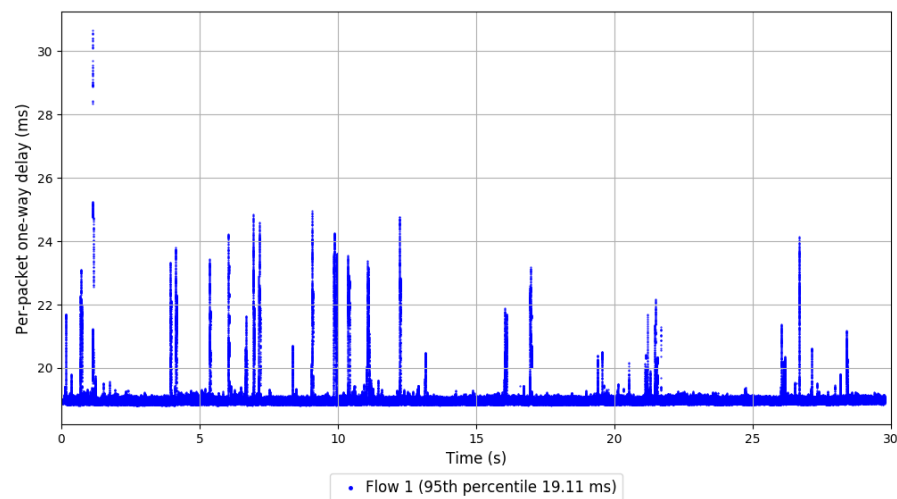
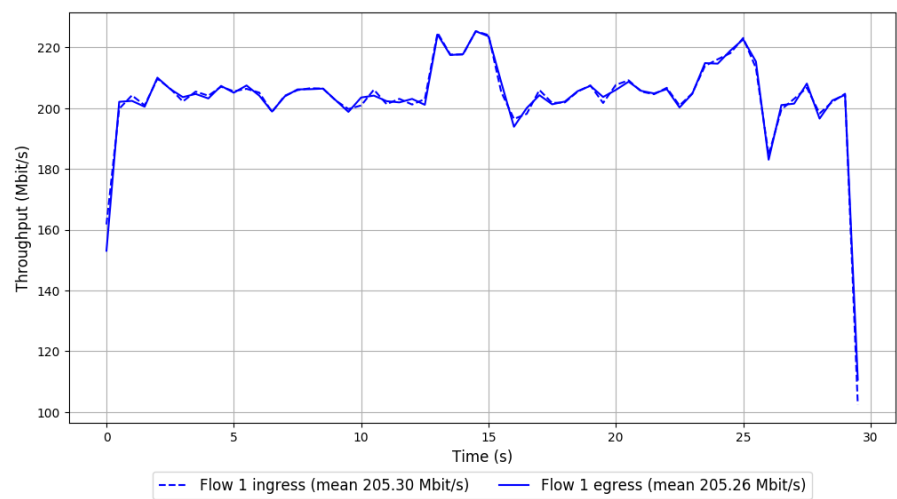
-- Flow 1:

Average throughput: 205.26 Mbit/s

95th percentile per-packet one-way delay: 19.115 ms

Loss rate: 0.02%

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



Run 9: Statistics of Indigo-1-32

Start at: 2018-02-20 05:37:03

End at: 2018-02-20 05:37:33

Local clock offset: 3.085 ms

Remote clock offset: -6.31 ms

Below is generated by plot.py at 2018-02-20 09:25:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 203.18 Mbit/s

95th percentile per-packet one-way delay: 20.148 ms

Loss rate: 0.27%

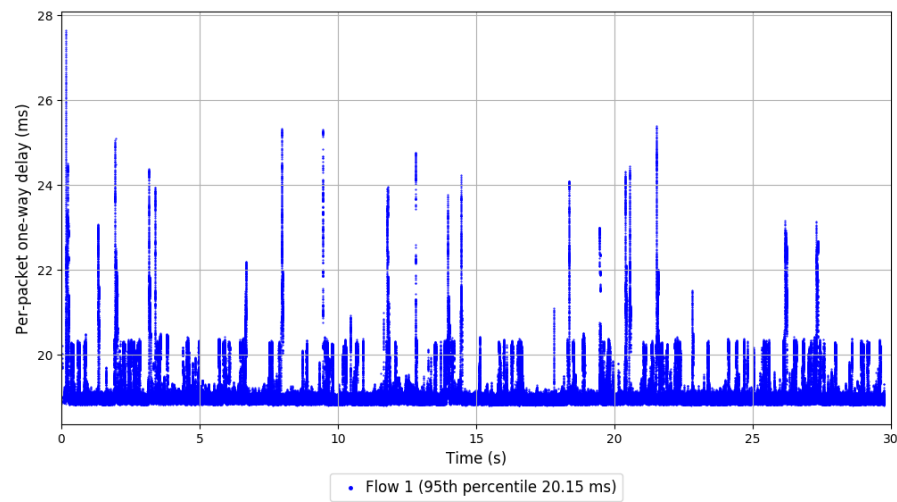
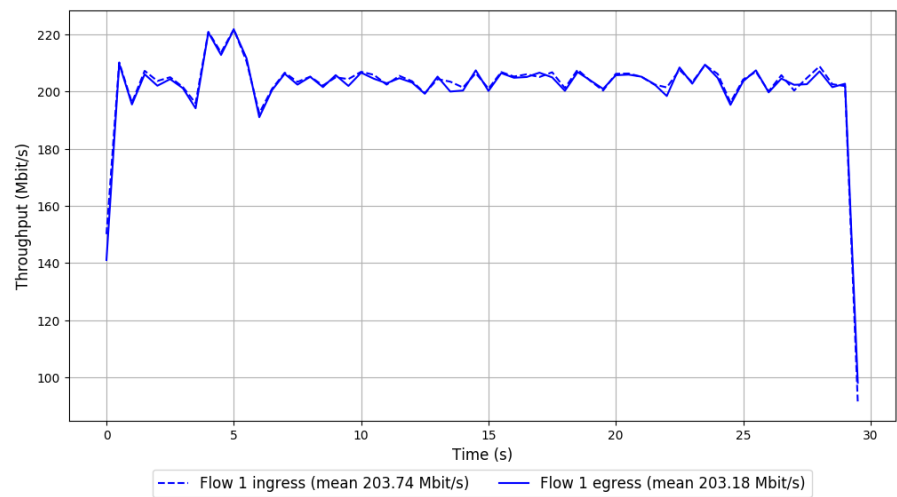
-- Flow 1:

Average throughput: 203.18 Mbit/s

95th percentile per-packet one-way delay: 20.148 ms

Loss rate: 0.27%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-02-20 06:04:07

End at: 2018-02-20 06:04:37

Local clock offset: 1.478 ms

Remote clock offset: -6.345 ms

Below is generated by plot.py at 2018-02-20 09:25:14

Datalink statistics

-- Total of 1 flow:

Average throughput: 201.77 Mbit/s

95th percentile per-packet one-way delay: 19.909 ms

Loss rate: 0.46%

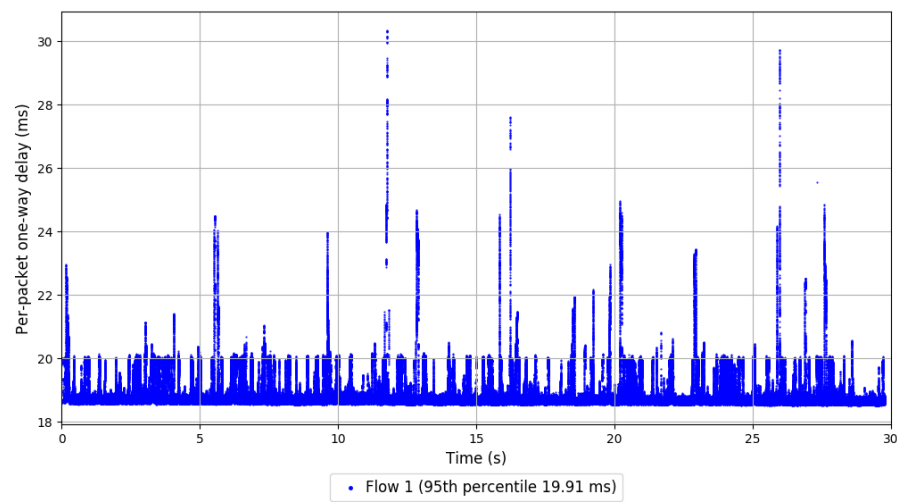
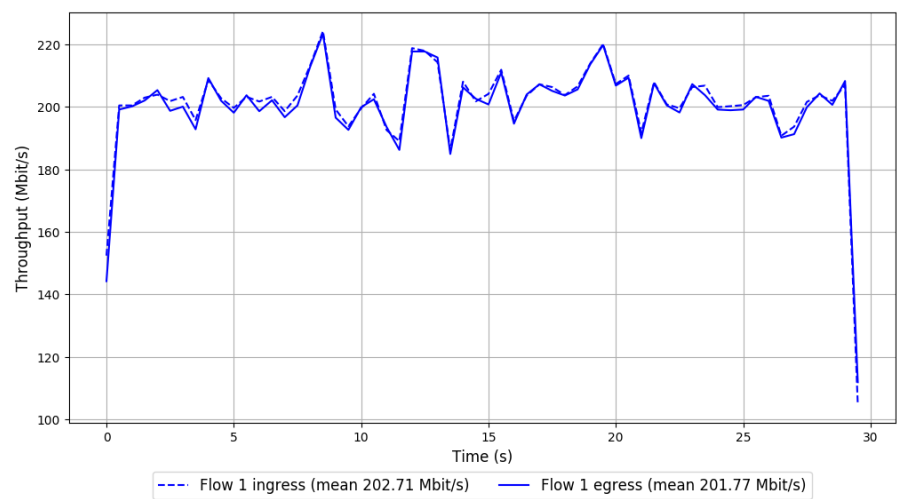
-- Flow 1:

Average throughput: 201.77 Mbit/s

95th percentile per-packet one-way delay: 19.909 ms

Loss rate: 0.46%

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

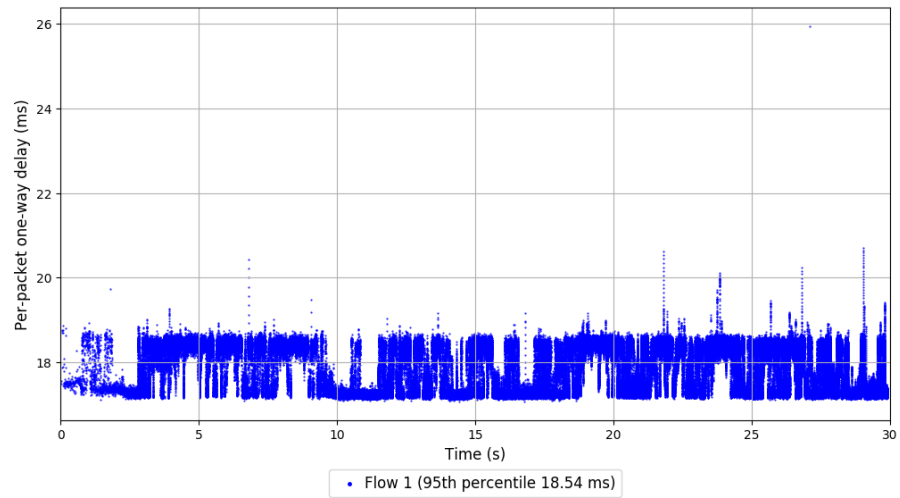
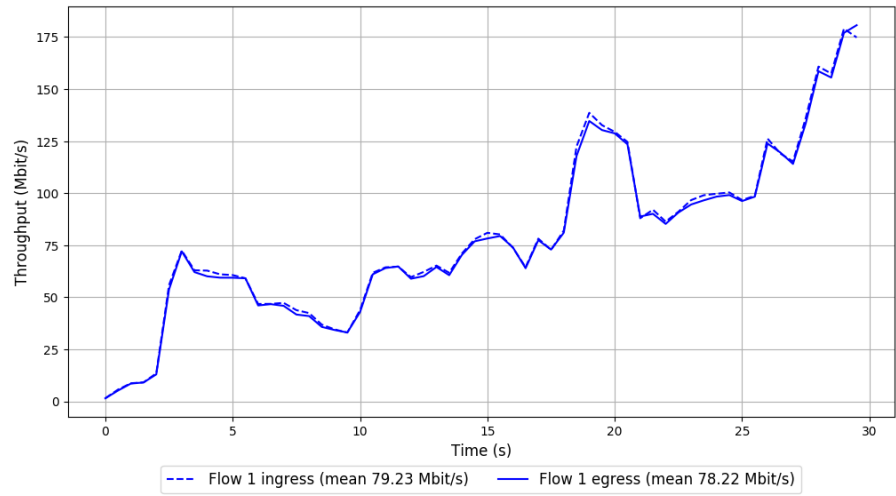


Run 1: Statistics of Vivace-latency

Start at: 2018-02-20 01:57:37
End at: 2018-02-20 01:58:07
Local clock offset: 1.385 ms
Remote clock offset: -3.925 ms

Below is generated by plot.py at 2018-02-20 09:25:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.22 Mbit/s
95th percentile per-packet one-way delay: 18.535 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 78.22 Mbit/s
95th percentile per-packet one-way delay: 18.535 ms
Loss rate: 1.27%

Run 1: Report of Vivace-latency — Data Link

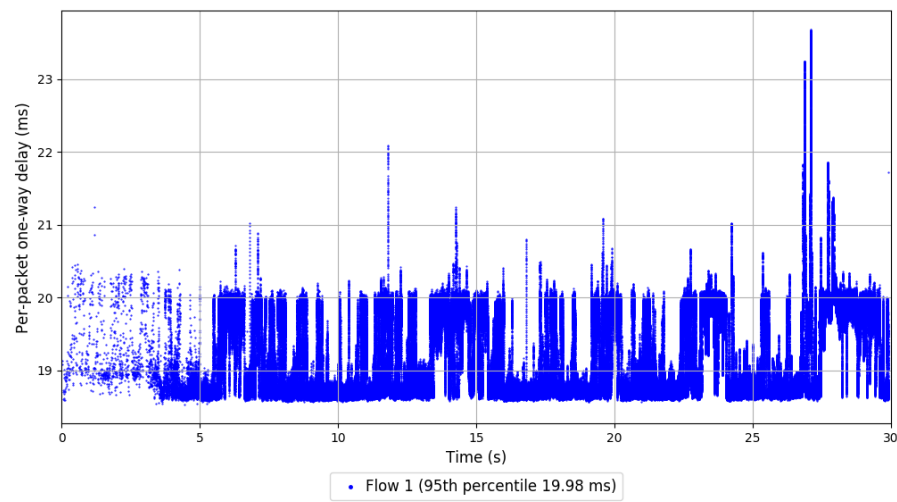
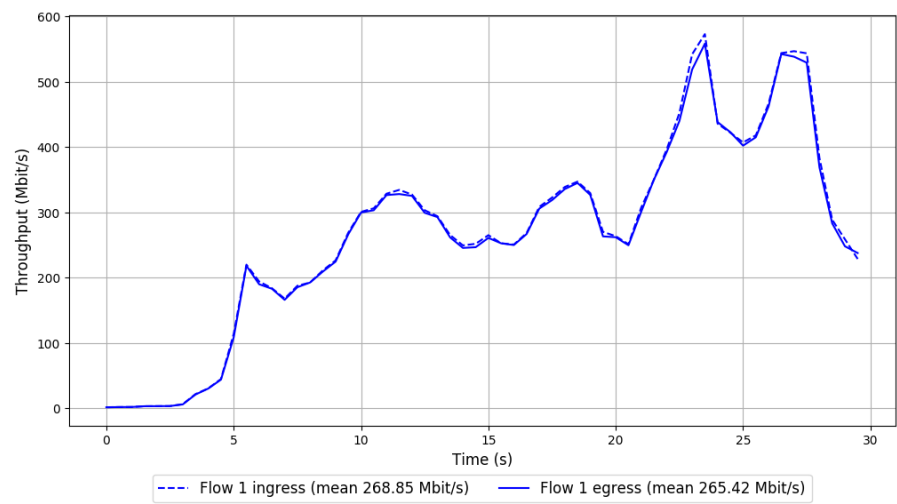


Run 2: Statistics of Vivace-latency

Start at: 2018-02-20 02:24:06
End at: 2018-02-20 02:24:36
Local clock offset: 1.104 ms
Remote clock offset: -5.416 ms

Below is generated by plot.py at 2018-02-20 09:25:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 265.42 Mbit/s
95th percentile per-packet one-way delay: 19.975 ms
Loss rate: 1.27%
-- Flow 1:
Average throughput: 265.42 Mbit/s
95th percentile per-packet one-way delay: 19.975 ms
Loss rate: 1.27%

Run 2: Report of Vivace-latency — Data Link

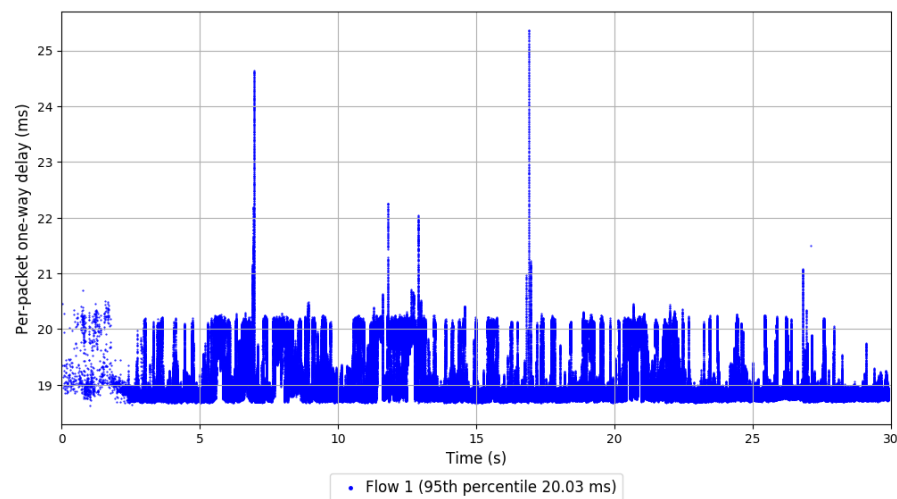
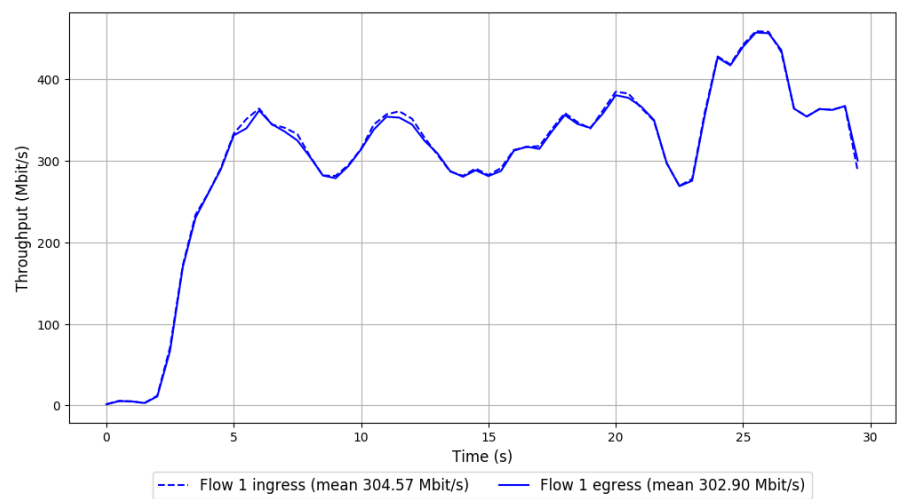


Run 3: Statistics of Vivace-latency

Start at: 2018-02-20 02:50:29
End at: 2018-02-20 02:50:59
Local clock offset: 0.429 ms
Remote clock offset: -6.317 ms

Below is generated by plot.py at 2018-02-20 09:25:14
Datalink statistics
-- Total of 1 flow:
Average throughput: 302.90 Mbit/s
95th percentile per-packet one-way delay: 20.033 ms
Loss rate: 0.56%
-- Flow 1:
Average throughput: 302.90 Mbit/s
95th percentile per-packet one-way delay: 20.033 ms
Loss rate: 0.56%

Run 3: Report of Vivace-latency — Data Link

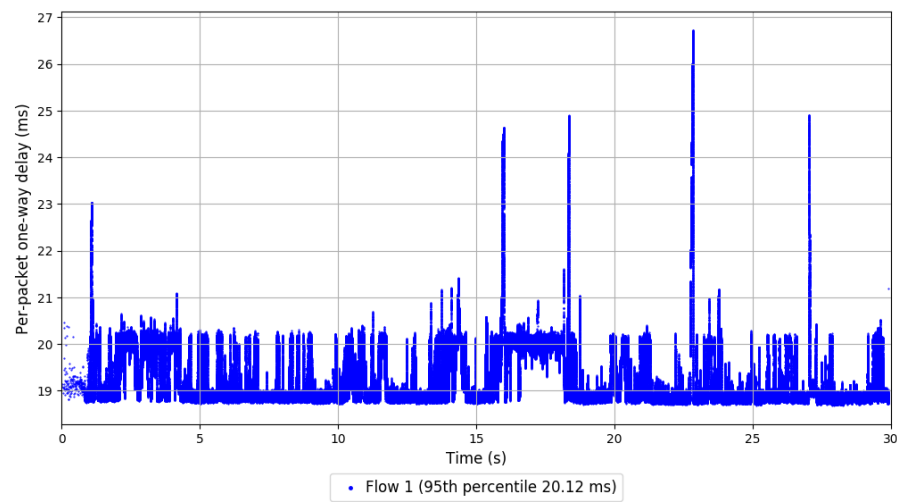
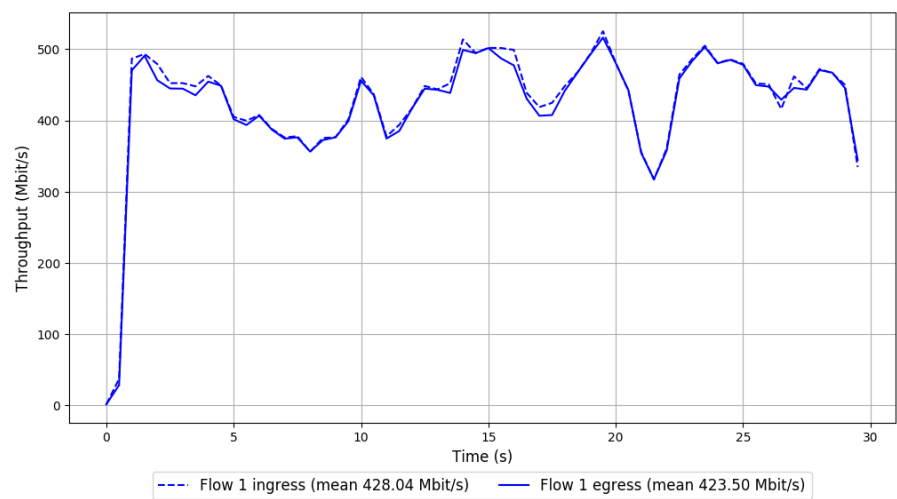


Run 4: Statistics of Vivace-latency

Start at: 2018-02-20 03:16:59
End at: 2018-02-20 03:17:29
Local clock offset: 0.369 ms
Remote clock offset: -6.237 ms

Below is generated by plot.py at 2018-02-20 09:26:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 423.50 Mbit/s
95th percentile per-packet one-way delay: 20.116 ms
Loss rate: 1.06%
-- Flow 1:
Average throughput: 423.50 Mbit/s
95th percentile per-packet one-way delay: 20.116 ms
Loss rate: 1.06%

Run 4: Report of Vivace-latency — Data Link



Run 5: Statistics of Vivace-latency

Start at: 2018-02-20 03:44:00

End at: 2018-02-20 03:44:30

Local clock offset: 0.235 ms

Remote clock offset: -5.32 ms

Below is generated by plot.py at 2018-02-20 09:26:43

Datalink statistics

-- Total of 1 flow:

Average throughput: 153.83 Mbit/s

95th percentile per-packet one-way delay: 20.061 ms

Loss rate: 1.68%

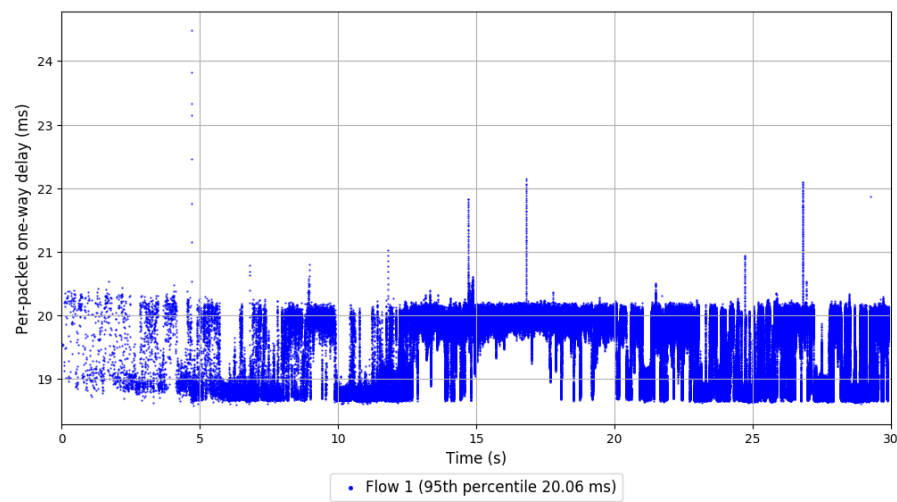
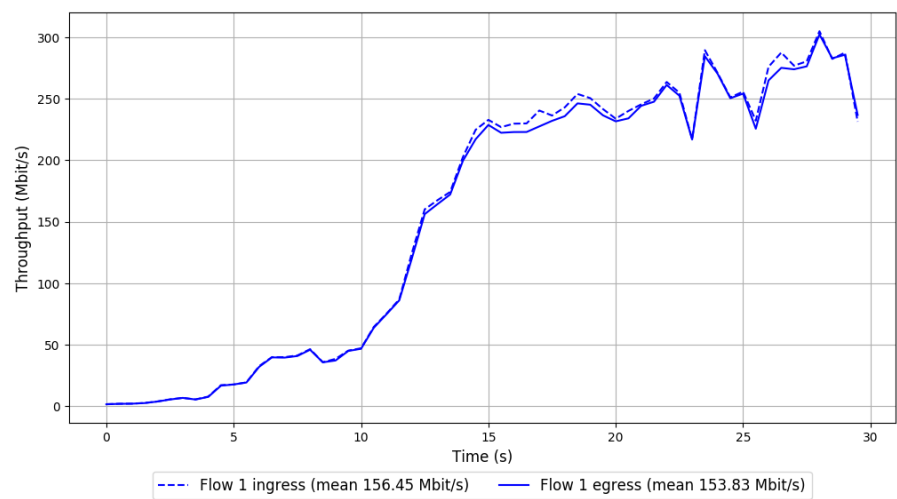
-- Flow 1:

Average throughput: 153.83 Mbit/s

95th percentile per-packet one-way delay: 20.061 ms

Loss rate: 1.68%

Run 5: Report of Vivace-latency — Data Link

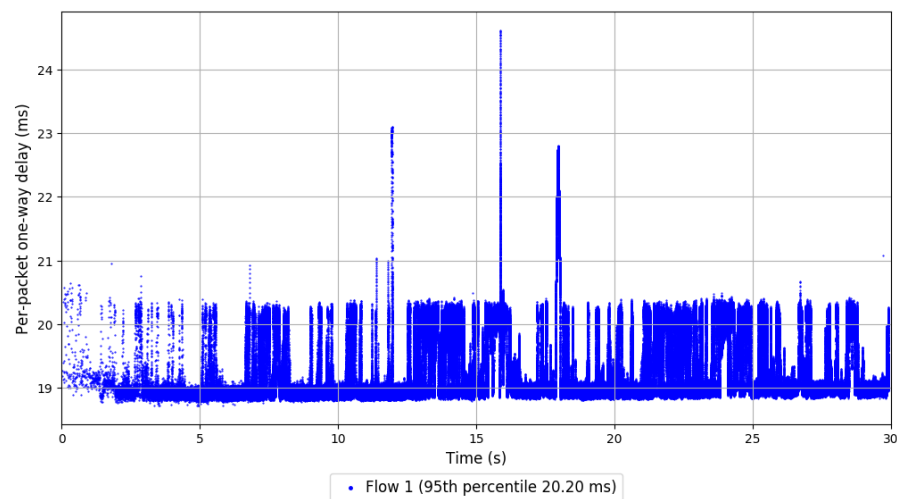
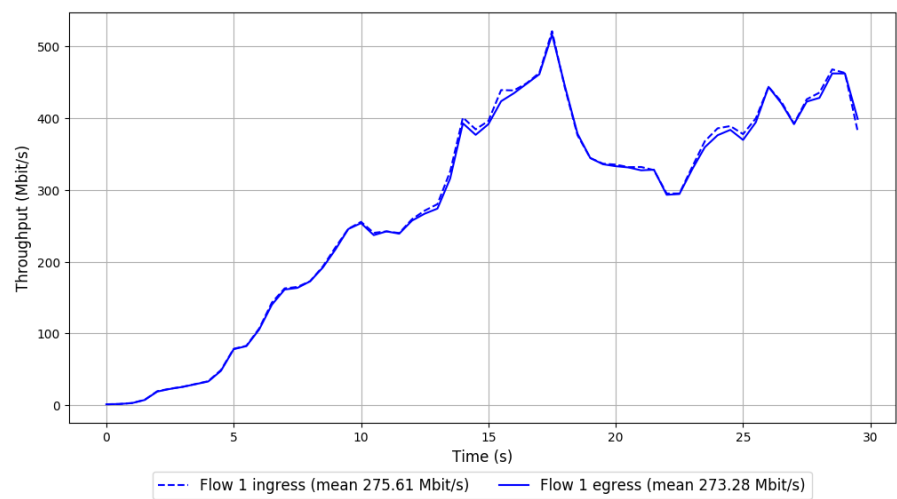


Run 6: Statistics of Vivace-latency

Start at: 2018-02-20 04:10:33
End at: 2018-02-20 04:11:03
Local clock offset: 0.526 ms
Remote clock offset: -4.989 ms

Below is generated by plot.py at 2018-02-20 09:26:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 273.28 Mbit/s
95th percentile per-packet one-way delay: 20.196 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 273.28 Mbit/s
95th percentile per-packet one-way delay: 20.196 ms
Loss rate: 0.85%

Run 6: Report of Vivace-latency — Data Link

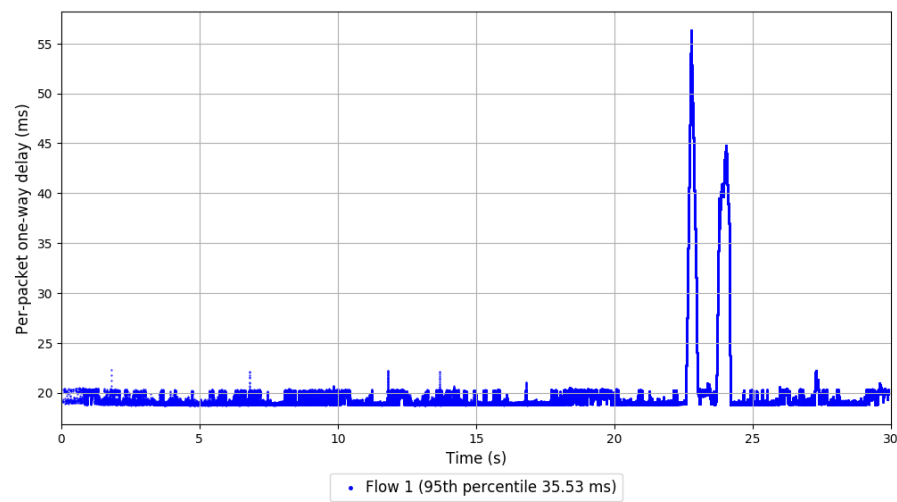
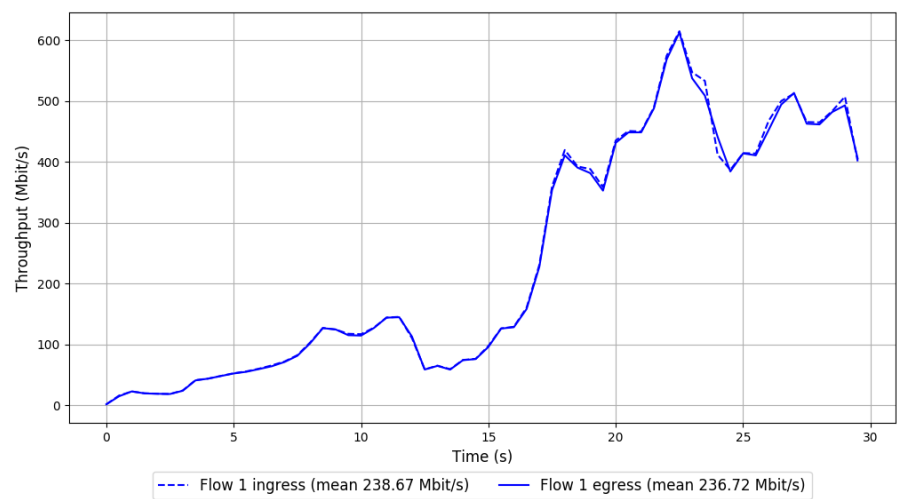


Run 7: Statistics of Vivace-latency

Start at: 2018-02-20 04:37:10
End at: 2018-02-20 04:37:40
Local clock offset: 1.614 ms
Remote clock offset: -4.775 ms

Below is generated by plot.py at 2018-02-20 09:26:43
Datalink statistics
-- Total of 1 flow:
Average throughput: 236.72 Mbit/s
95th percentile per-packet one-way delay: 35.535 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 236.72 Mbit/s
95th percentile per-packet one-way delay: 35.535 ms
Loss rate: 0.82%

Run 7: Report of Vivace-latency — Data Link

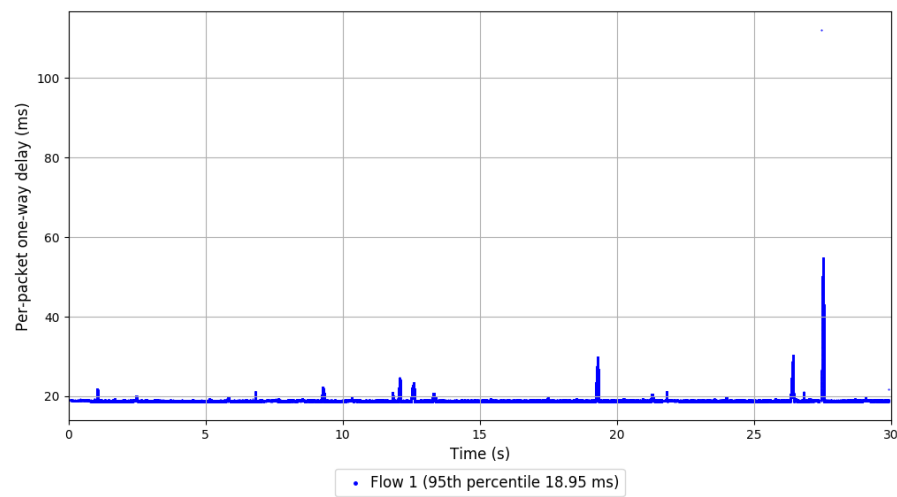
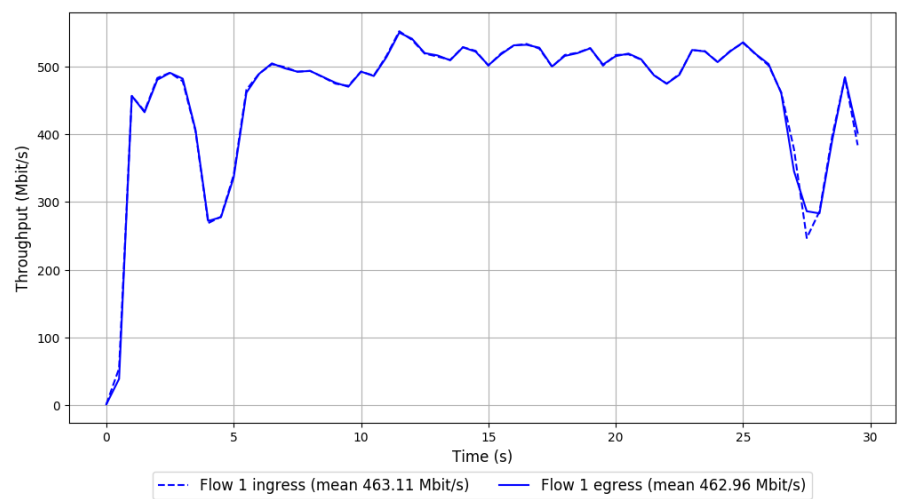


Run 8: Statistics of Vivace-latency

Start at: 2018-02-20 05:03:54
End at: 2018-02-20 05:04:24
Local clock offset: 1.796 ms
Remote clock offset: -5.766 ms

Below is generated by plot.py at 2018-02-20 09:29:54
Datalink statistics
-- Total of 1 flow:
Average throughput: 462.96 Mbit/s
95th percentile per-packet one-way delay: 18.946 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 462.96 Mbit/s
95th percentile per-packet one-way delay: 18.946 ms
Loss rate: 0.02%

Run 8: Report of Vivace-latency — Data Link

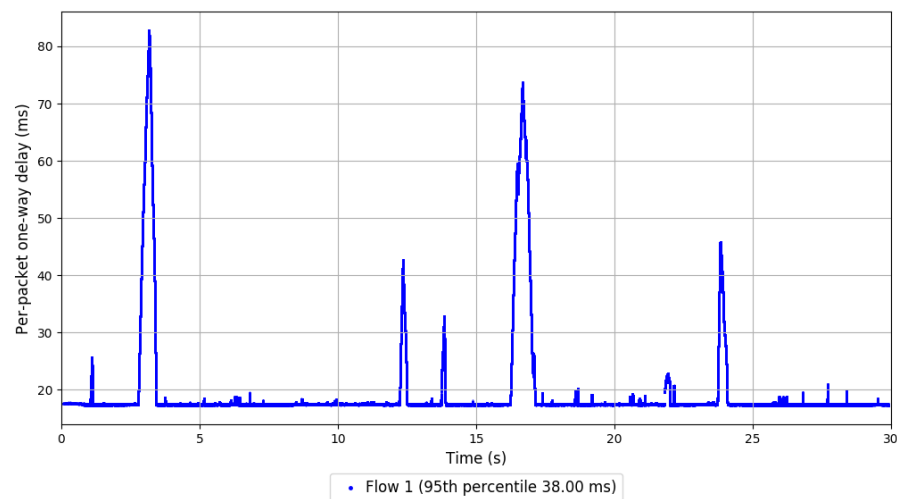
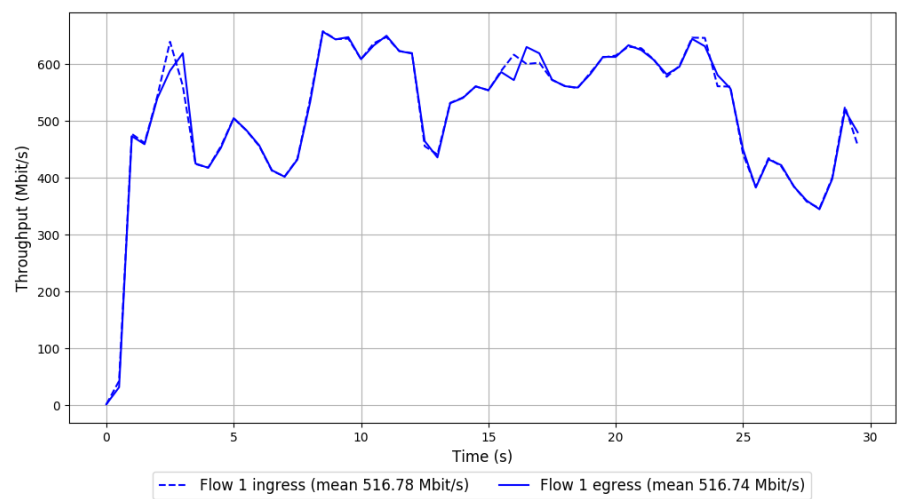


Run 9: Statistics of Vivace-latency

Start at: 2018-02-20 05:30:59
End at: 2018-02-20 05:31:29
Local clock offset: 2.904 ms
Remote clock offset: -6.589 ms

Below is generated by plot.py at 2018-02-20 09:31:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 516.74 Mbit/s
95th percentile per-packet one-way delay: 38.004 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 516.74 Mbit/s
95th percentile per-packet one-way delay: 38.004 ms
Loss rate: 0.01%

Run 9: Report of Vivace-latency — Data Link

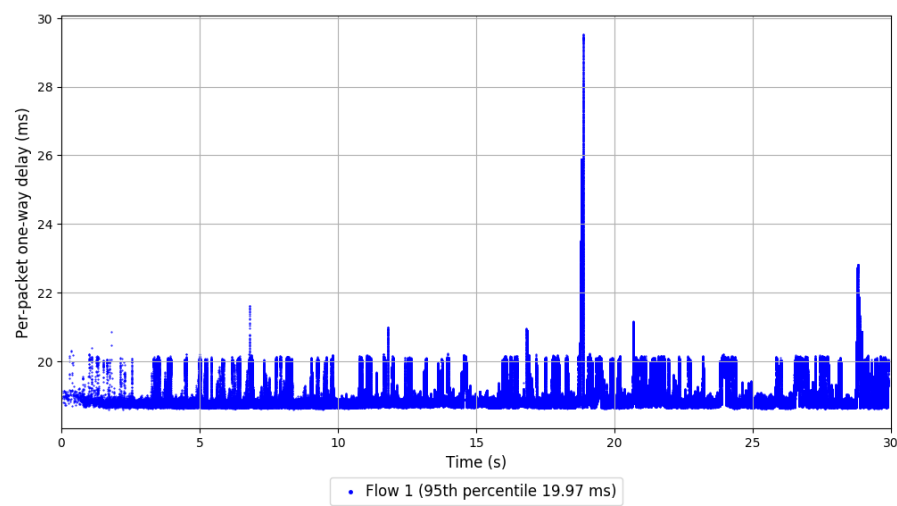
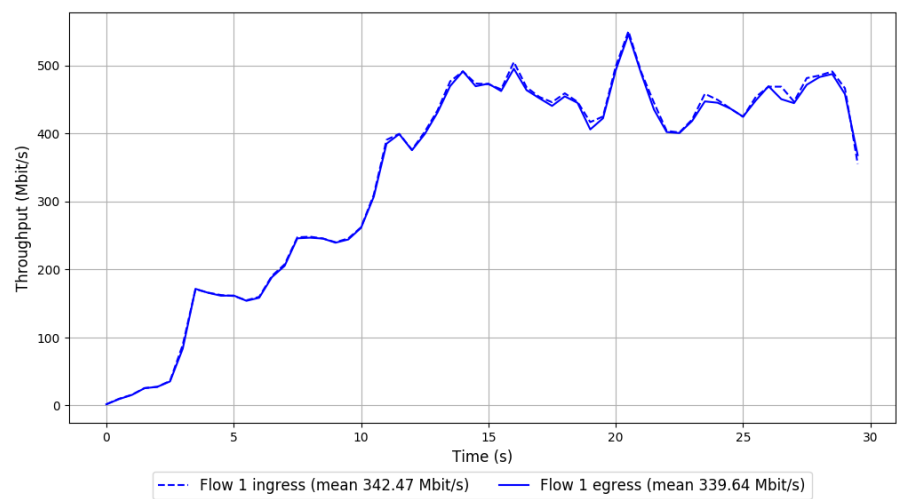


Run 10: Statistics of Vivace-latency

Start at: 2018-02-20 05:58:14
End at: 2018-02-20 05:58:44
Local clock offset: 1.821 ms
Remote clock offset: -6.291 ms

Below is generated by plot.py at 2018-02-20 09:31:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 339.64 Mbit/s
95th percentile per-packet one-way delay: 19.966 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 339.64 Mbit/s
95th percentile per-packet one-way delay: 19.966 ms
Loss rate: 0.82%

Run 10: Report of Vivace-latency — Data Link

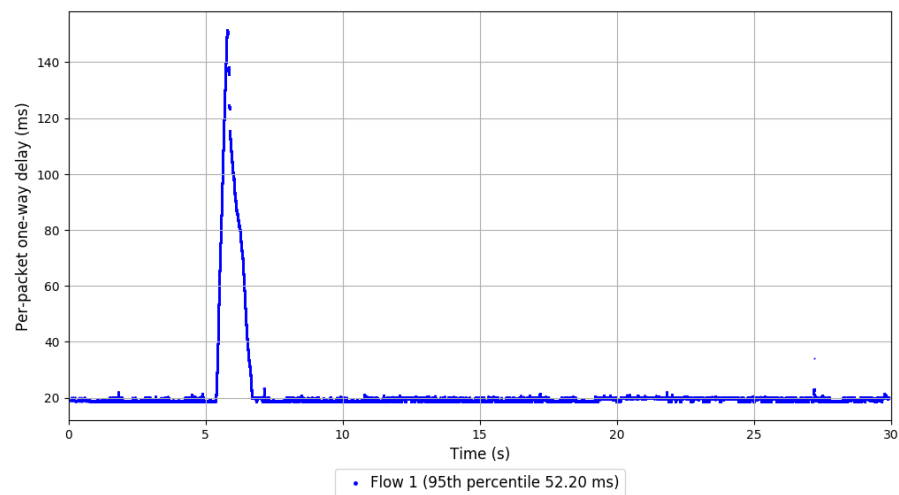
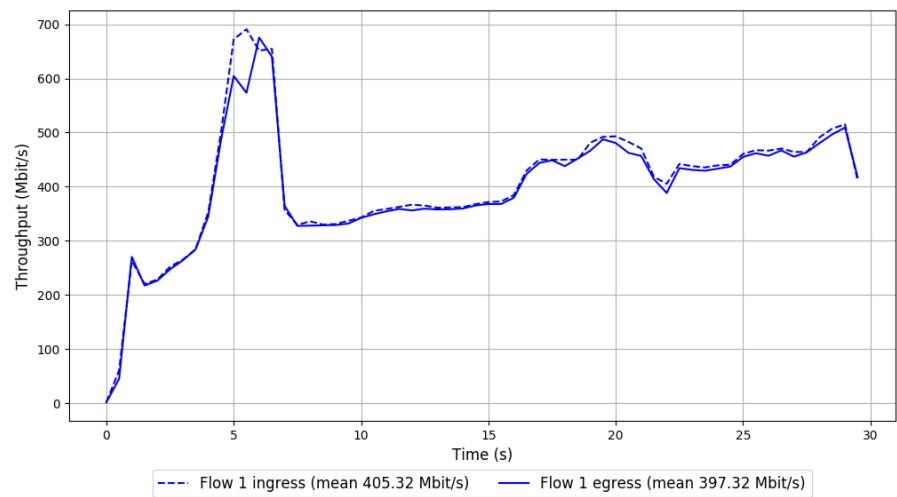


```
Run 1: Statistics of Vivace-loss

Start at: 2018-02-20 01:58:59
End at: 2018-02-20 01:59:29
Local clock offset: 1.356 ms
Remote clock offset: -3.909 ms

# Below is generated by plot.py at 2018-02-20 09:31:28
# Datalink statistics
-- Total of 1 flow:
Average throughput: 397.32 Mbit/s
95th percentile per-packet one-way delay: 52.195 ms
Loss rate: 1.98%
-- Flow 1:
Average throughput: 397.32 Mbit/s
95th percentile per-packet one-way delay: 52.195 ms
Loss rate: 1.98%
```

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-02-20 02:25:38

End at: 2018-02-20 02:26:08

Local clock offset: 0.971 ms

Remote clock offset: -5.47 ms

Below is generated by plot.py at 2018-02-20 09:31:28

Datalink statistics

-- Total of 1 flow:

Average throughput: 352.71 Mbit/s

95th percentile per-packet one-way delay: 20.092 ms

Loss rate: 2.59%

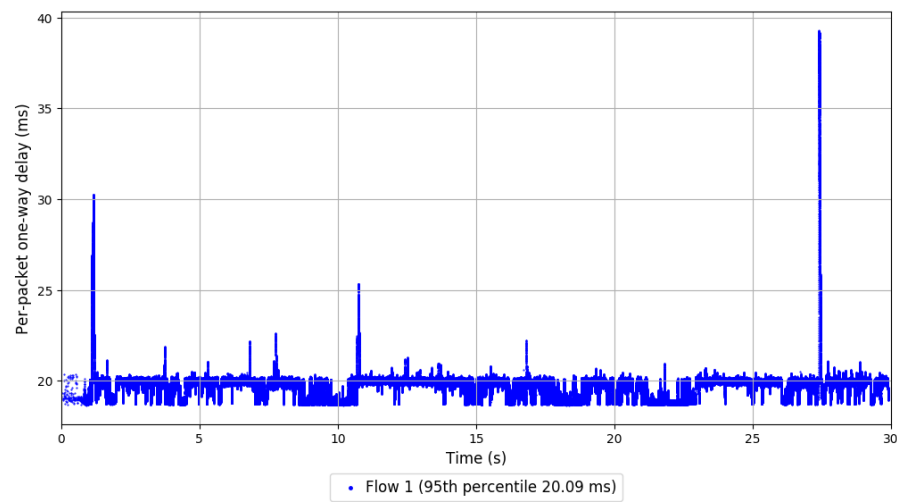
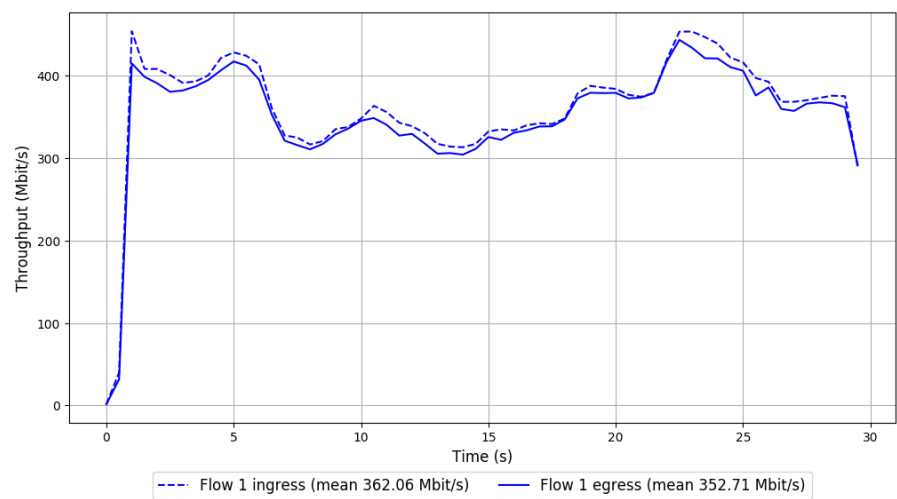
-- Flow 1:

Average throughput: 352.71 Mbit/s

95th percentile per-packet one-way delay: 20.092 ms

Loss rate: 2.59%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-02-20 02:52:02

End at: 2018-02-20 02:52:32

Local clock offset: 0.521 ms

Remote clock offset: -6.299 ms

Below is generated by plot.py at 2018-02-20 09:33:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 599.49 Mbit/s

95th percentile per-packet one-way delay: 122.032 ms

Loss rate: 2.26%

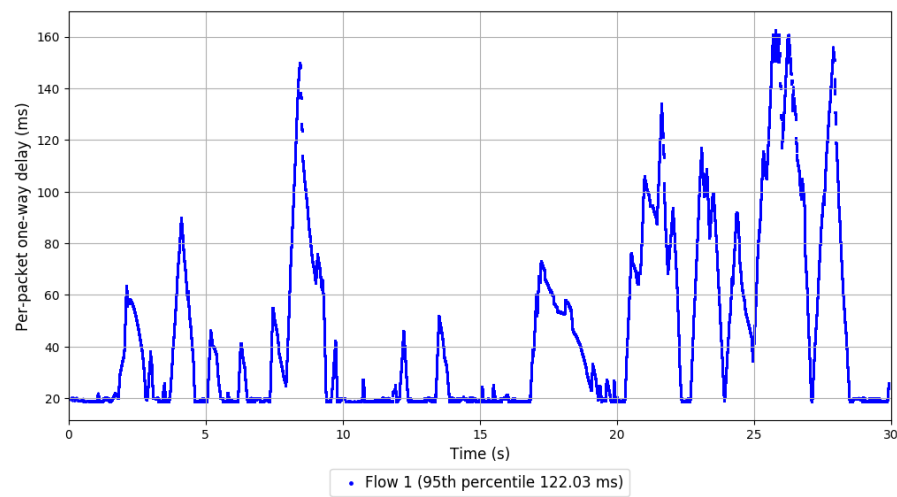
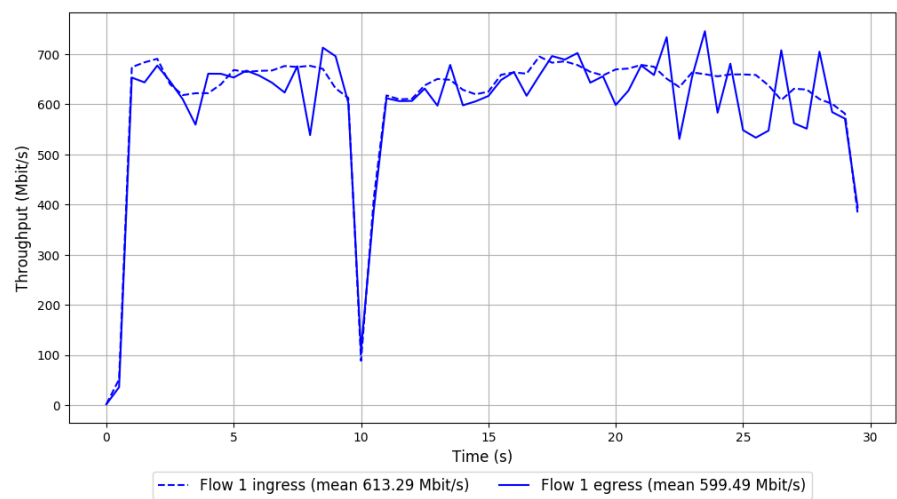
-- Flow 1:

Average throughput: 599.49 Mbit/s

95th percentile per-packet one-way delay: 122.032 ms

Loss rate: 2.26%

Run 3: Report of Vivace-loss — Data Link

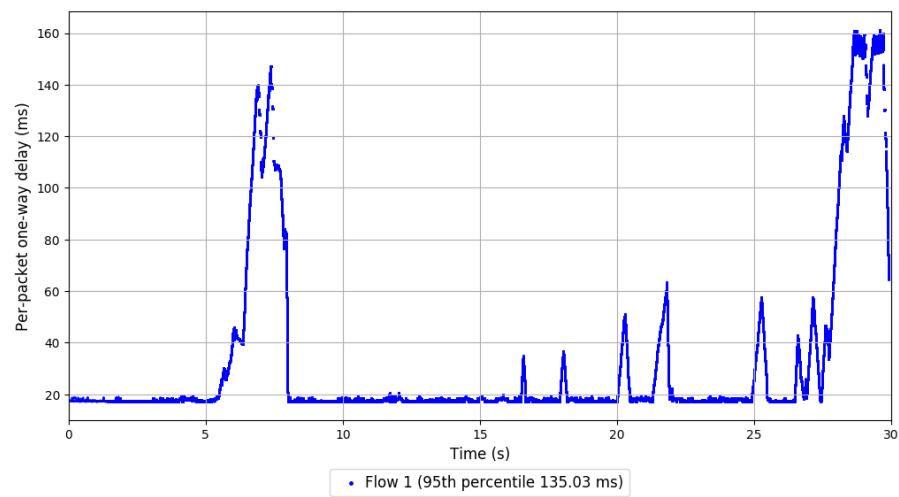
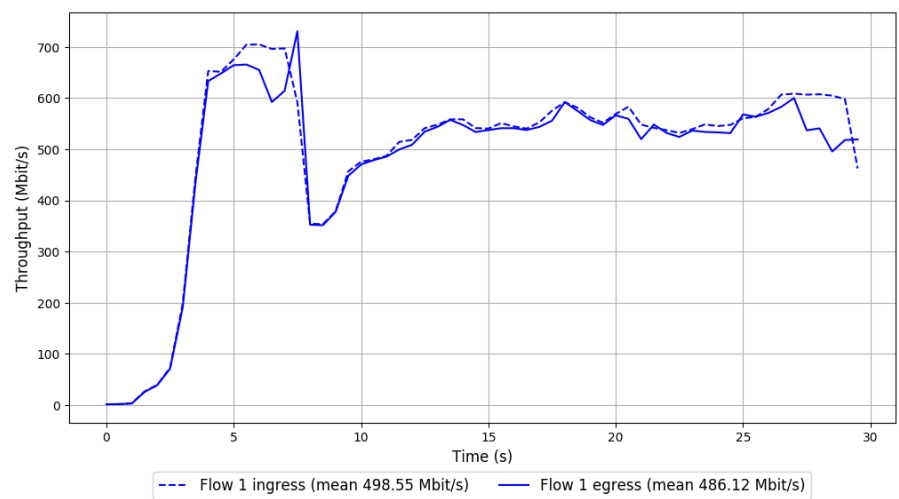


Run 4: Statistics of Vivace-loss

Start at: 2018-02-20 03:18:39
End at: 2018-02-20 03:19:09
Local clock offset: 0.47 ms
Remote clock offset: -6.032 ms

Below is generated by plot.py at 2018-02-20 09:33:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 486.12 Mbit/s
95th percentile per-packet one-way delay: 135.032 ms
Loss rate: 2.49%
-- Flow 1:
Average throughput: 486.12 Mbit/s
95th percentile per-packet one-way delay: 135.032 ms
Loss rate: 2.49%

Run 4: Report of Vivace-loss — Data Link



Run 5: Statistics of Vivace-loss

Start at: 2018-02-20 03:45:26

End at: 2018-02-20 03:45:56

Local clock offset: 0.239 ms

Remote clock offset: -5.277 ms

Below is generated by plot.py at 2018-02-20 09:33:38

Datalink statistics

-- Total of 1 flow:

Average throughput: 378.44 Mbit/s

95th percentile per-packet one-way delay: 20.069 ms

Loss rate: 2.45%

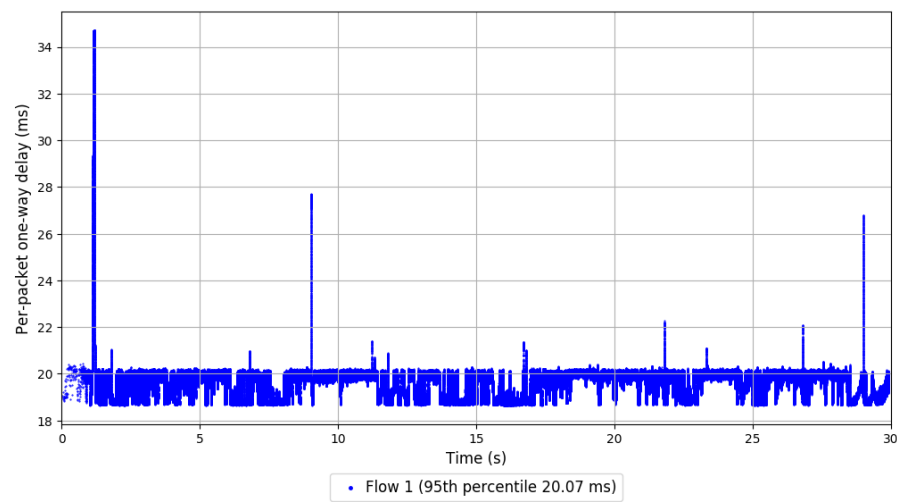
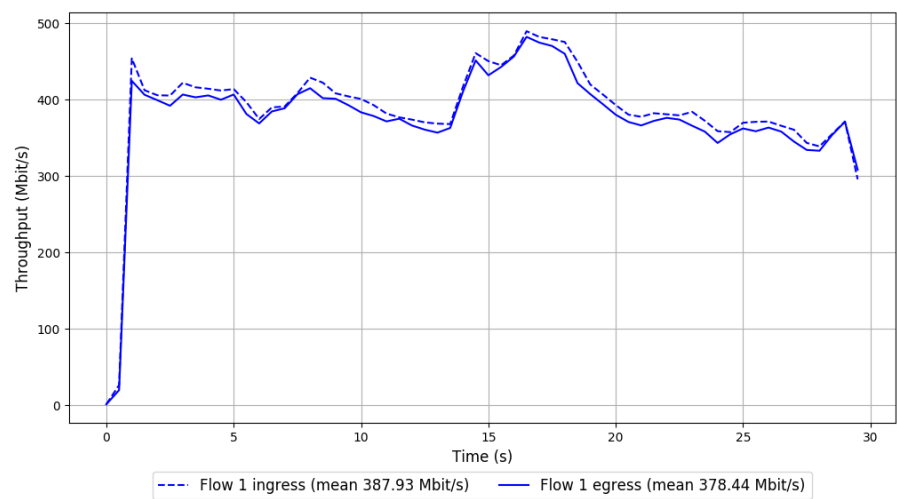
-- Flow 1:

Average throughput: 378.44 Mbit/s

95th percentile per-packet one-way delay: 20.069 ms

Loss rate: 2.45%

Run 5: Report of Vivace-loss — Data Link



Run 6: Statistics of Vivace-loss

Start at: 2018-02-20 04:12:05

End at: 2018-02-20 04:12:35

Local clock offset: 0.779 ms

Remote clock offset: -5.0 ms

Below is generated by plot.py at 2018-02-20 09:37:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 539.97 Mbit/s

95th percentile per-packet one-way delay: 71.752 ms

Loss rate: 1.27%

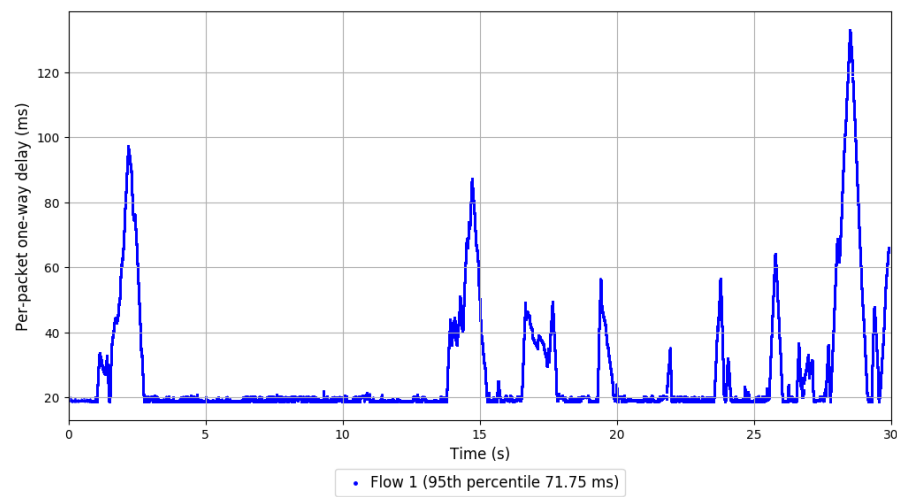
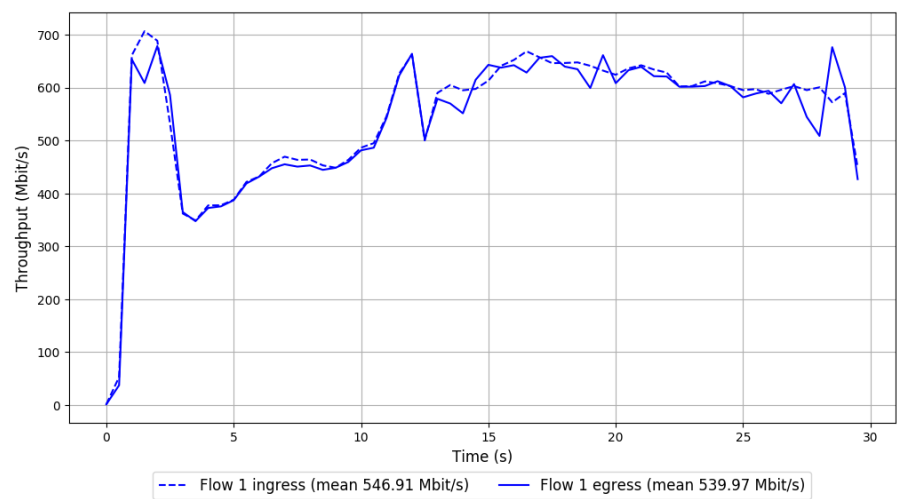
-- Flow 1:

Average throughput: 539.97 Mbit/s

95th percentile per-packet one-way delay: 71.752 ms

Loss rate: 1.27%

Run 6: Report of Vivace-loss — Data Link

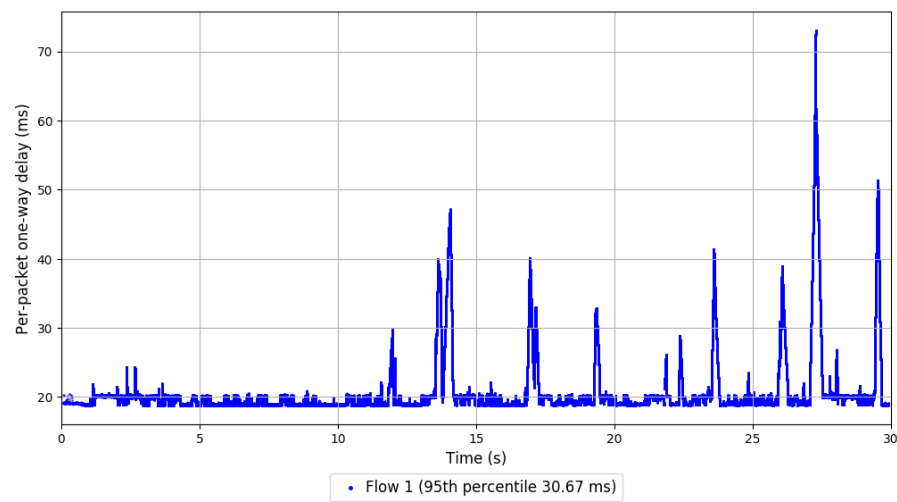
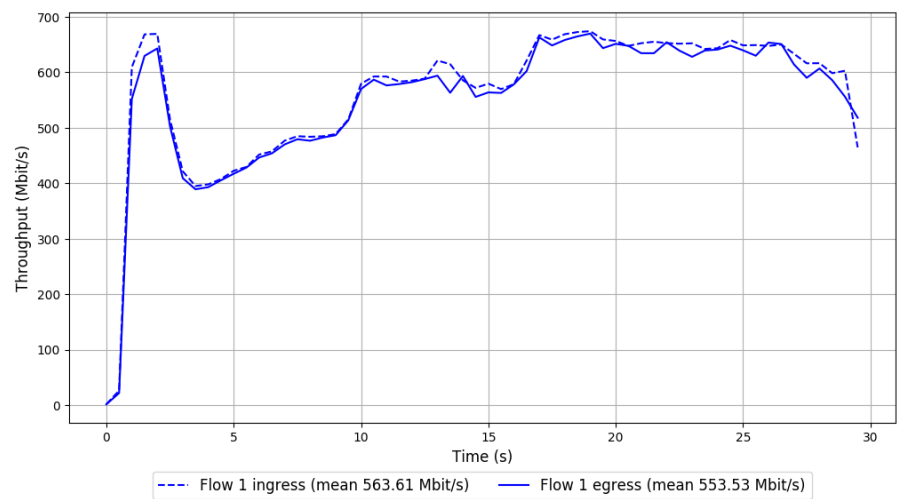


Run 7: Statistics of Vivace-loss

Start at: 2018-02-20 04:38:40
End at: 2018-02-20 04:39:10
Local clock offset: 1.643 ms
Remote clock offset: -4.783 ms

Below is generated by plot.py at 2018-02-20 09:38:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 553.53 Mbit/s
95th percentile per-packet one-way delay: 30.667 ms
Loss rate: 1.79%
-- Flow 1:
Average throughput: 553.53 Mbit/s
95th percentile per-packet one-way delay: 30.667 ms
Loss rate: 1.79%

Run 7: Report of Vivace-loss — Data Link



Run 8: Statistics of Vivace-loss

Start at: 2018-02-20 05:05:35

End at: 2018-02-20 05:06:05

Local clock offset: 1.809 ms

Remote clock offset: -5.886 ms

Below is generated by plot.py at 2018-02-20 09:38:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 583.72 Mbit/s

95th percentile per-packet one-way delay: 141.219 ms

Loss rate: 4.89%

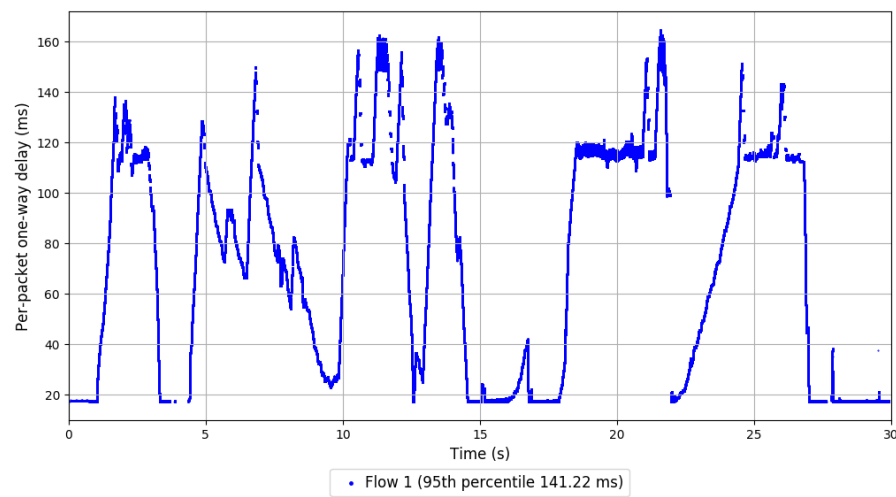
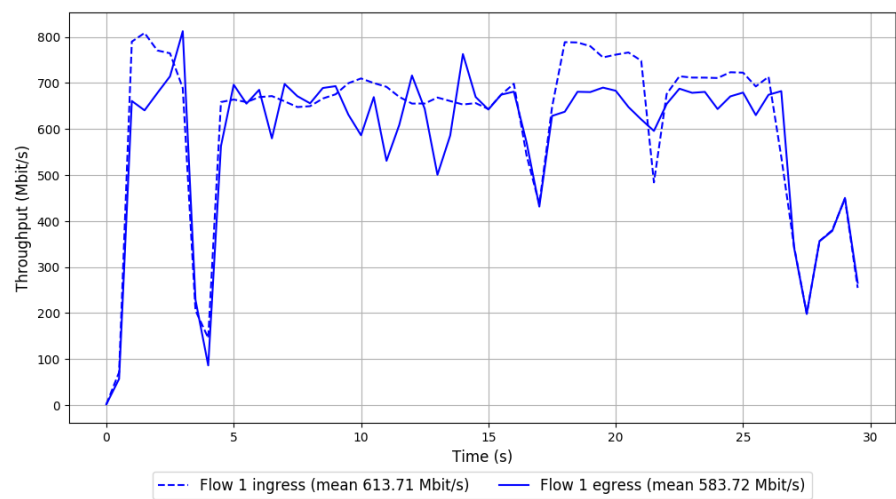
-- Flow 1:

Average throughput: 583.72 Mbit/s

95th percentile per-packet one-way delay: 141.219 ms

Loss rate: 4.89%

Run 8: Report of Vivace-loss — Data Link



Run 9: Statistics of Vivace-loss

Start at: 2018-02-20 05:32:43

End at: 2018-02-20 05:33:14

Local clock offset: 2.957 ms

Remote clock offset: -6.542 ms

Below is generated by plot.py at 2018-02-20 09:38:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 480.64 Mbit/s

95th percentile per-packet one-way delay: 27.962 ms

Loss rate: 0.02%

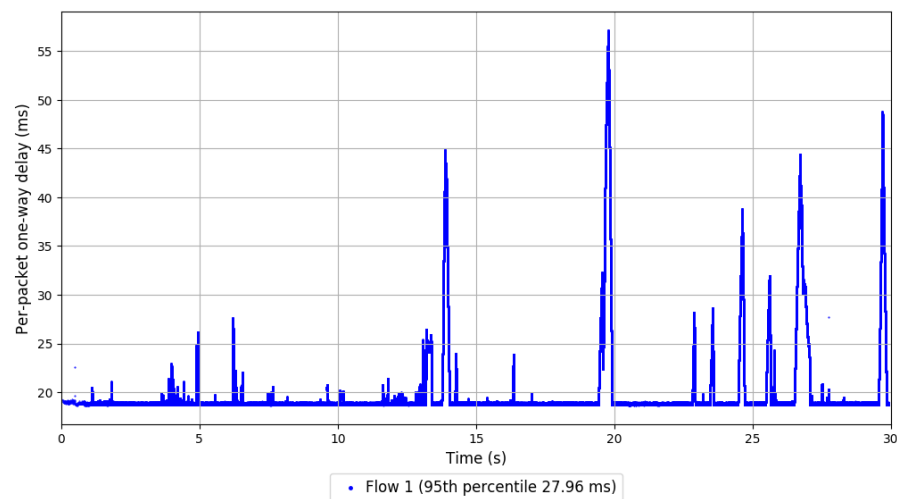
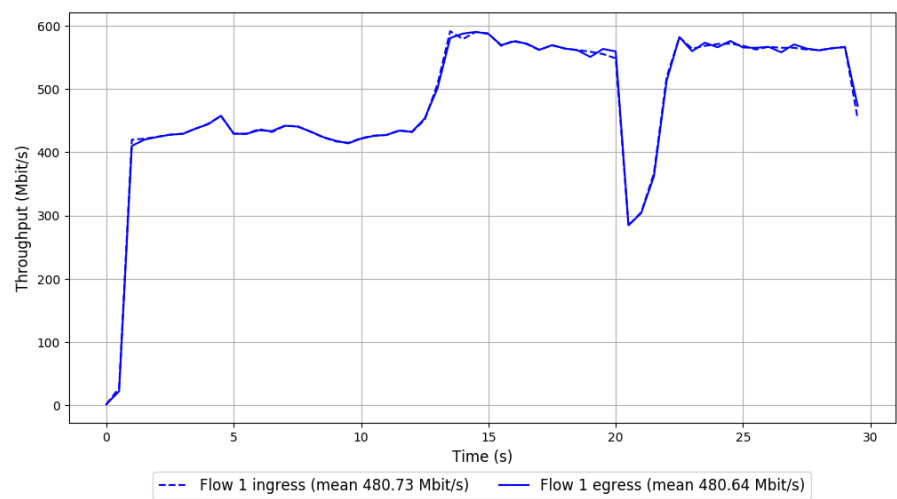
-- Flow 1:

Average throughput: 480.64 Mbit/s

95th percentile per-packet one-way delay: 27.962 ms

Loss rate: 0.02%

Run 9: Report of Vivace-loss — Data Link



Run 10: Statistics of Vivace-loss

Start at: 2018-02-20 05:59:52

End at: 2018-02-20 06:00:22

Local clock offset: 1.752 ms

Remote clock offset: -6.298 ms

Below is generated by plot.py at 2018-02-20 09:38:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 342.48 Mbit/s

95th percentile per-packet one-way delay: 19.954 ms

Loss rate: 1.62%

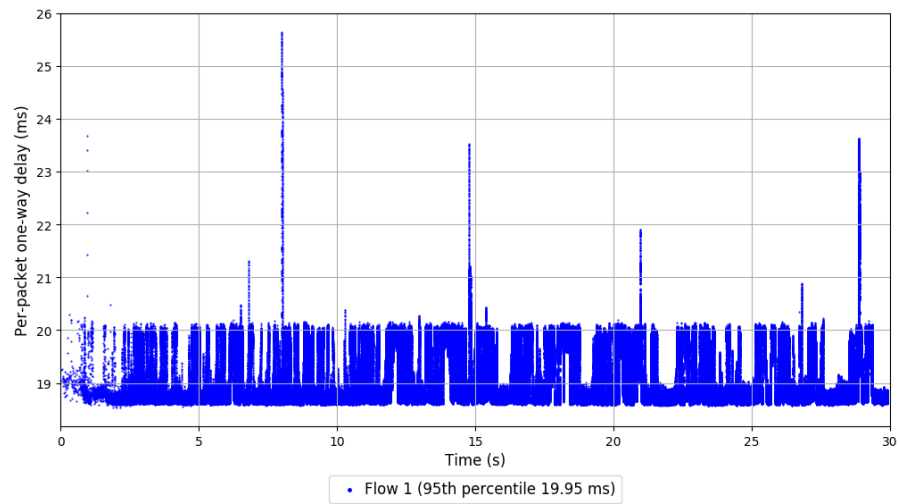
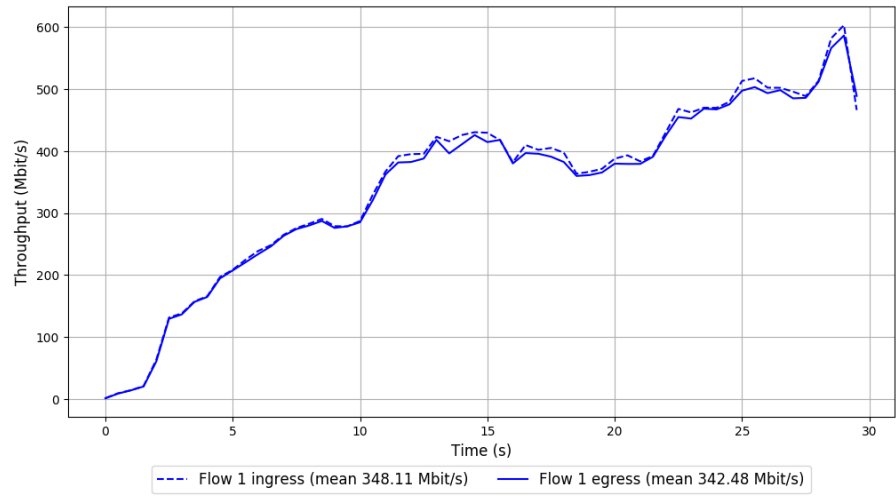
-- Flow 1:

Average throughput: 342.48 Mbit/s

95th percentile per-packet one-way delay: 19.954 ms

Loss rate: 1.62%

Run 10: Report of Vivace-loss — Data Link



Run 1: Statistics of Vivace-LTE

Start at: 2018-02-20 02:04:42

End at: 2018-02-20 02:05:12

Local clock offset: 1.185 ms

Remote clock offset: -3.886 ms

Below is generated by plot.py at 2018-02-20 09:38:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 311.38 Mbit/s

95th percentile per-packet one-way delay: 20.121 ms

Loss rate: 2.40%

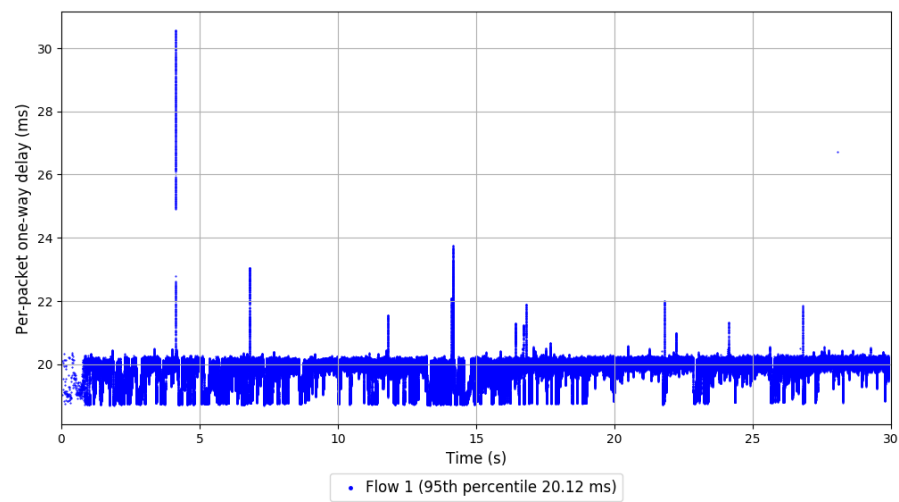
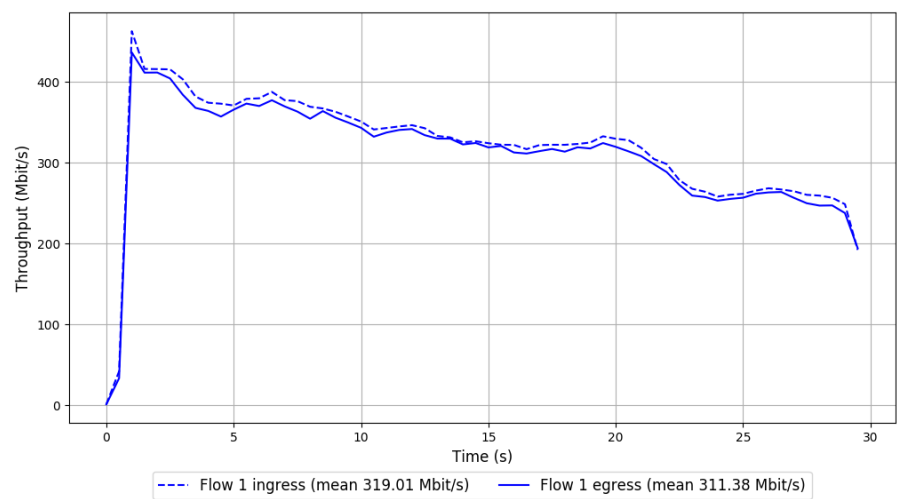
-- Flow 1:

Average throughput: 311.38 Mbit/s

95th percentile per-packet one-way delay: 20.121 ms

Loss rate: 2.40%

Run 1: Report of Vivace-LTE — Data Link



Run 2: Statistics of Vivace-LTE

Start at: 2018-02-20 02:31:19

End at: 2018-02-20 02:31:49

Local clock offset: 0.766 ms

Remote clock offset: -5.58 ms

Below is generated by plot.py at 2018-02-20 09:38:47

Datalink statistics

-- Total of 1 flow:

Average throughput: 178.48 Mbit/s

95th percentile per-packet one-way delay: 20.120 ms

Loss rate: 1.34%

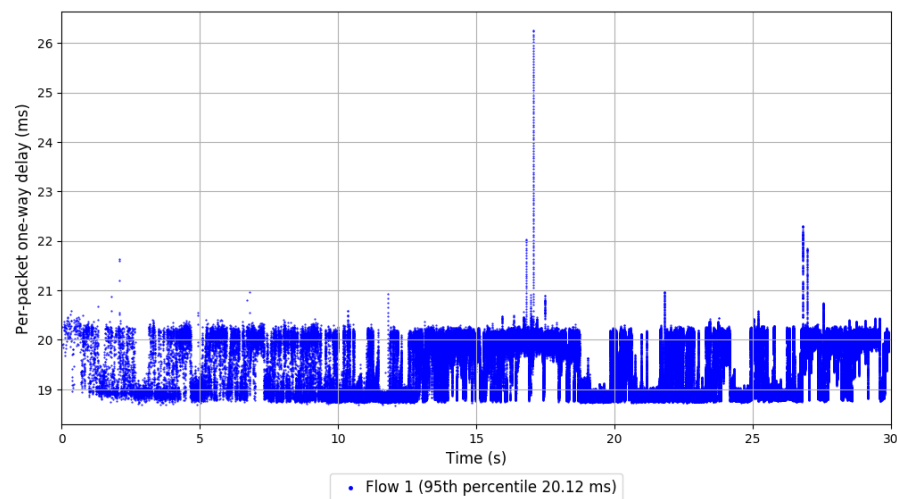
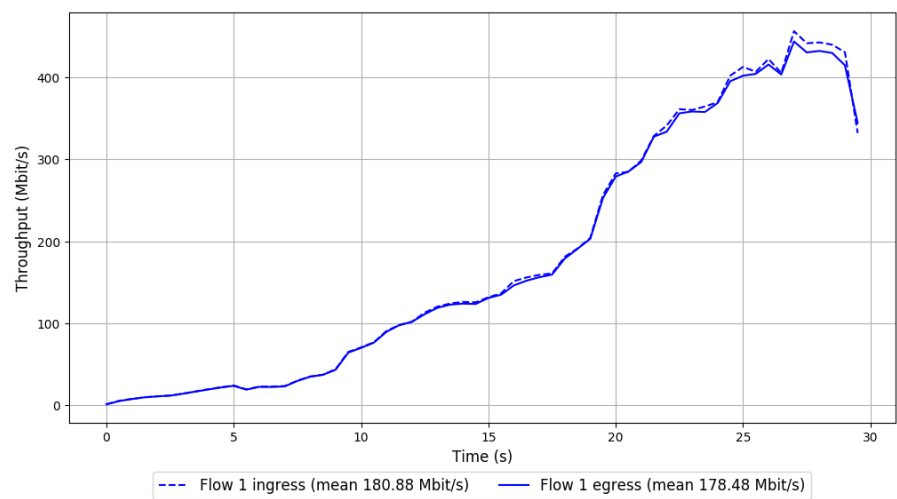
-- Flow 1:

Average throughput: 178.48 Mbit/s

95th percentile per-packet one-way delay: 20.120 ms

Loss rate: 1.34%

Run 2: Report of Vivace-LTE — Data Link

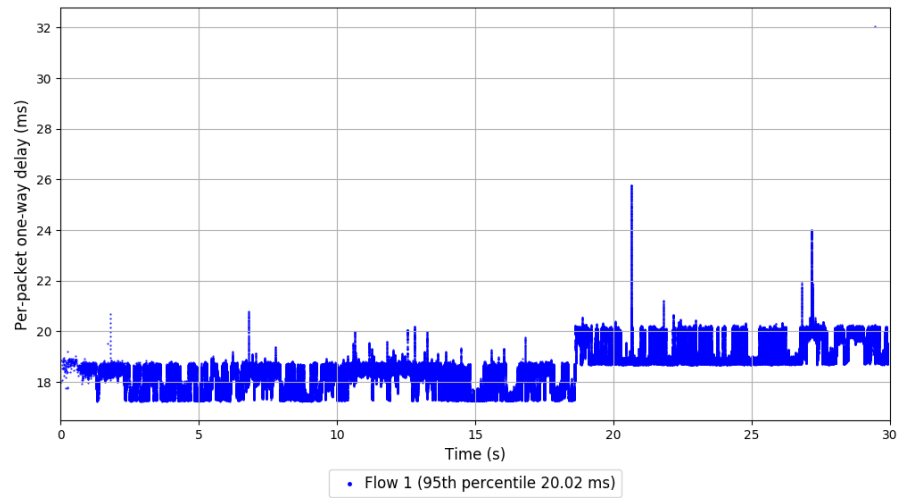
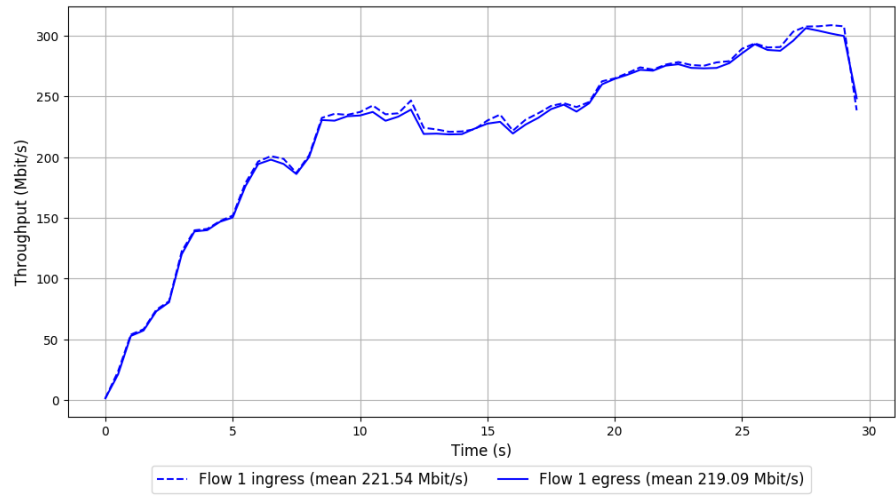


Run 3: Statistics of Vivace-LTE

Start at: 2018-02-20 02:57:55
End at: 2018-02-20 02:58:25
Local clock offset: 0.433 ms
Remote clock offset: -6.454 ms

Below is generated by plot.py at 2018-02-20 09:38:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 219.09 Mbit/s
95th percentile per-packet one-way delay: 20.016 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 219.09 Mbit/s
95th percentile per-packet one-way delay: 20.016 ms
Loss rate: 1.11%

Run 3: Report of Vivace-LTE — Data Link



Run 4: Statistics of Vivace-LTE

Start at: 2018-02-20 03:24:26

End at: 2018-02-20 03:24:56

Local clock offset: 0.386 ms

Remote clock offset: -5.675 ms

Below is generated by plot.py at 2018-02-20 09:40:32

Datalink statistics

-- Total of 1 flow:

Average throughput: 378.83 Mbit/s

95th percentile per-packet one-way delay: 19.991 ms

Loss rate: 1.55%

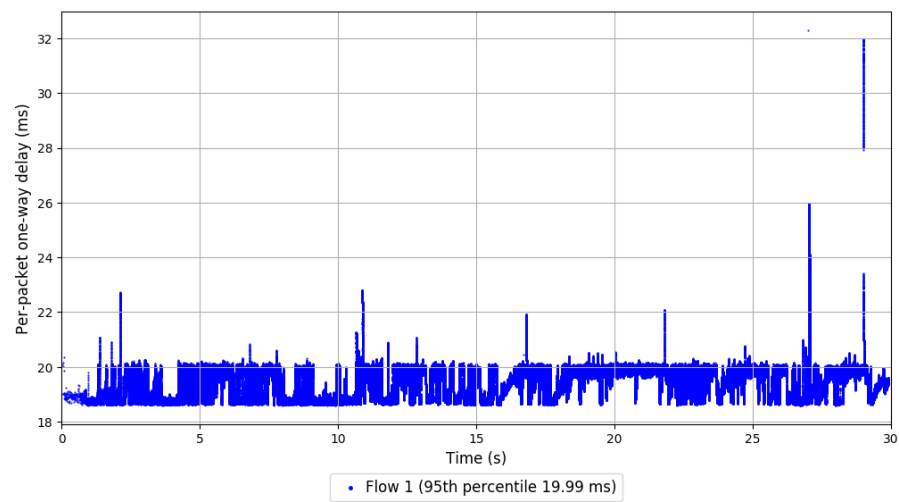
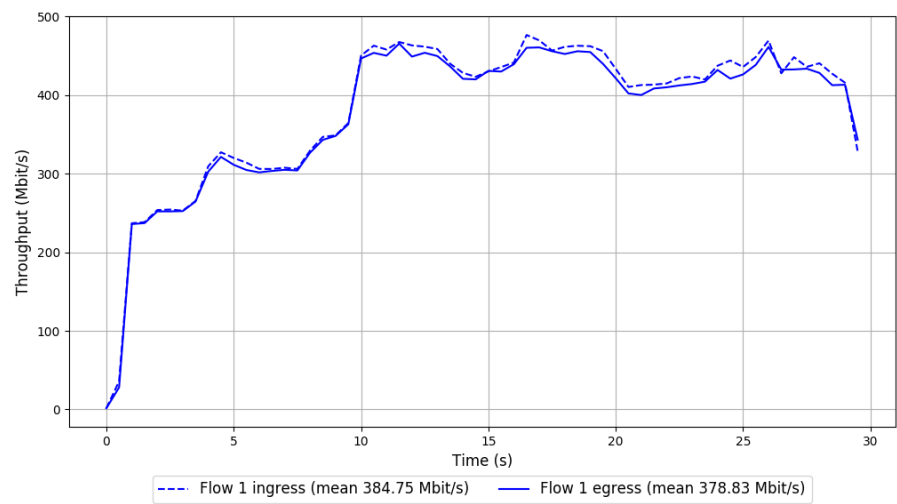
-- Flow 1:

Average throughput: 378.83 Mbit/s

95th percentile per-packet one-way delay: 19.991 ms

Loss rate: 1.55%

Run 4: Report of Vivace-LTE — Data Link

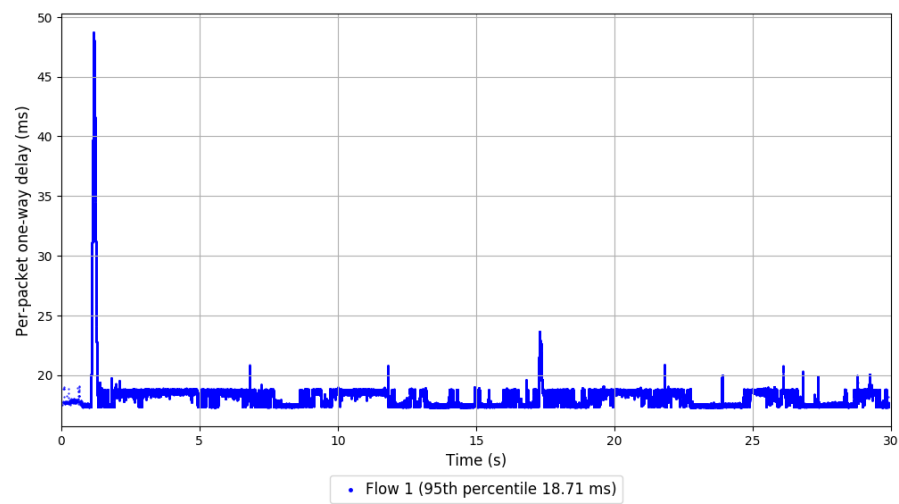
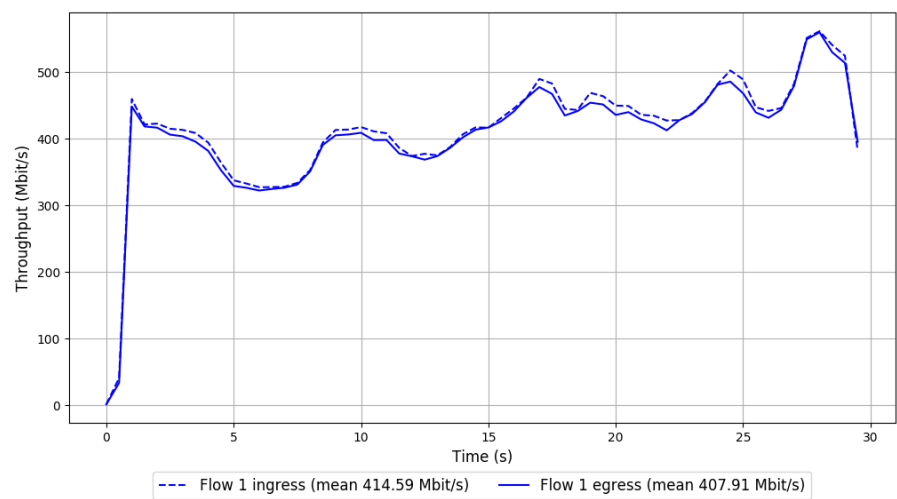


Run 5: Statistics of Vivace-LTE

Start at: 2018-02-20 03:51:07
End at: 2018-02-20 03:51:37
Local clock offset: 0.107 ms
Remote clock offset: -5.177 ms

Below is generated by plot.py at 2018-02-20 09:41:45
Datalink statistics
-- Total of 1 flow:
Average throughput: 407.91 Mbit/s
95th percentile per-packet one-way delay: 18.713 ms
Loss rate: 1.61%
-- Flow 1:
Average throughput: 407.91 Mbit/s
95th percentile per-packet one-way delay: 18.713 ms
Loss rate: 1.61%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-02-20 04:17:55

End at: 2018-02-20 04:18:25

Local clock offset: 1.2 ms

Remote clock offset: -4.886 ms

Below is generated by plot.py at 2018-02-20 09:41:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 331.15 Mbit/s

95th percentile per-packet one-way delay: 20.090 ms

Loss rate: 2.49%

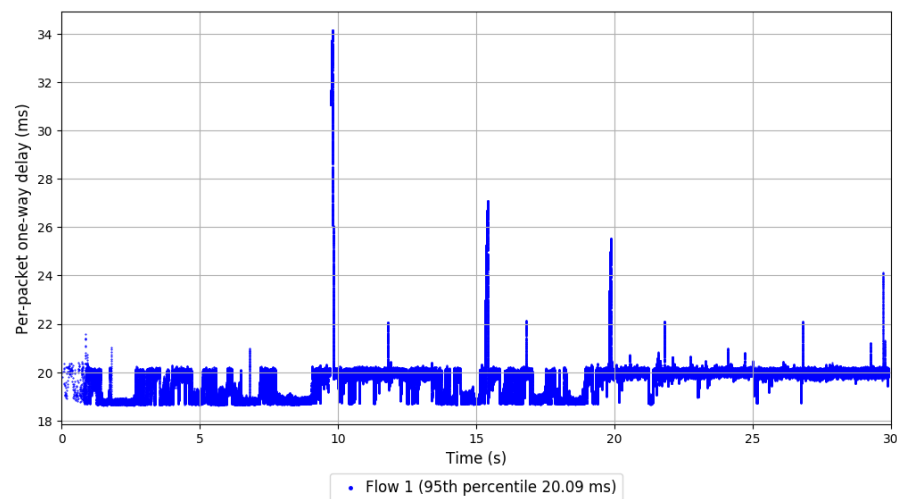
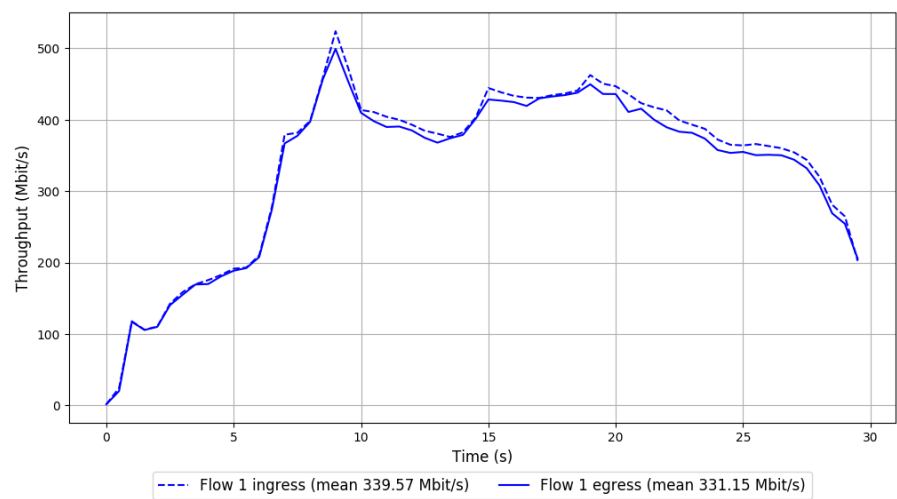
-- Flow 1:

Average throughput: 331.15 Mbit/s

95th percentile per-packet one-way delay: 20.090 ms

Loss rate: 2.49%

Run 6: Report of Vivace-LTE — Data Link



Run 7: Statistics of Vivace-LTE

Start at: 2018-02-20 04:44:32

End at: 2018-02-20 04:45:02

Local clock offset: 1.639 ms

Remote clock offset: -4.73 ms

Below is generated by plot.py at 2018-02-20 09:41:45

Datalink statistics

-- Total of 1 flow:

Average throughput: 327.34 Mbit/s

95th percentile per-packet one-way delay: 18.741 ms

Loss rate: 1.80%

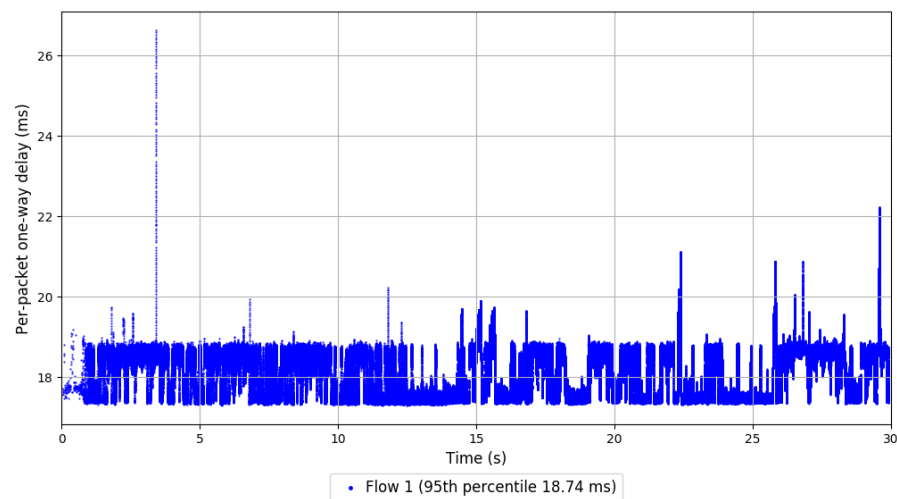
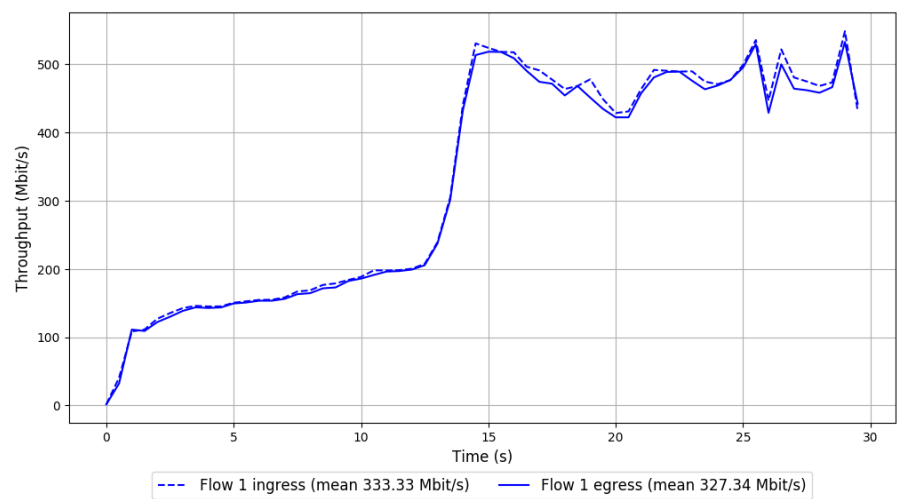
-- Flow 1:

Average throughput: 327.34 Mbit/s

95th percentile per-packet one-way delay: 18.741 ms

Loss rate: 1.80%

Run 7: Report of Vivace-LTE — Data Link

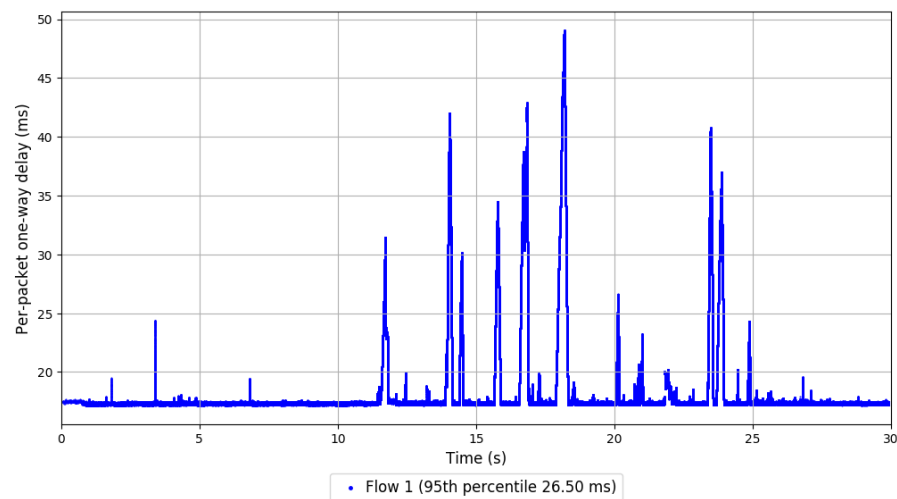
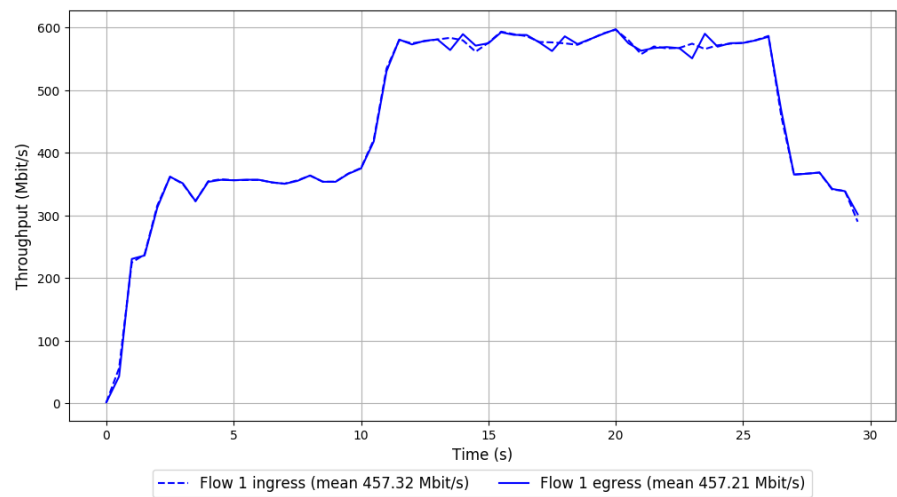


Run 8: Statistics of Vivace-LTE

Start at: 2018-02-20 05:11:30
End at: 2018-02-20 05:12:00
Local clock offset: 1.833 ms
Remote clock offset: -6.213 ms

Below is generated by plot.py at 2018-02-20 09:42:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 457.21 Mbit/s
95th percentile per-packet one-way delay: 26.504 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 457.21 Mbit/s
95th percentile per-packet one-way delay: 26.504 ms
Loss rate: 0.02%

Run 8: Report of Vivace-LTE — Data Link



Run 9: Statistics of Vivace-LTE

Start at: 2018-02-20 05:38:31

End at: 2018-02-20 05:39:01

Local clock offset: 3.156 ms

Remote clock offset: -6.33 ms

Below is generated by plot.py at 2018-02-20 09:42:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 583.71 Mbit/s

95th percentile per-packet one-way delay: 70.266 ms

Loss rate: 0.01%

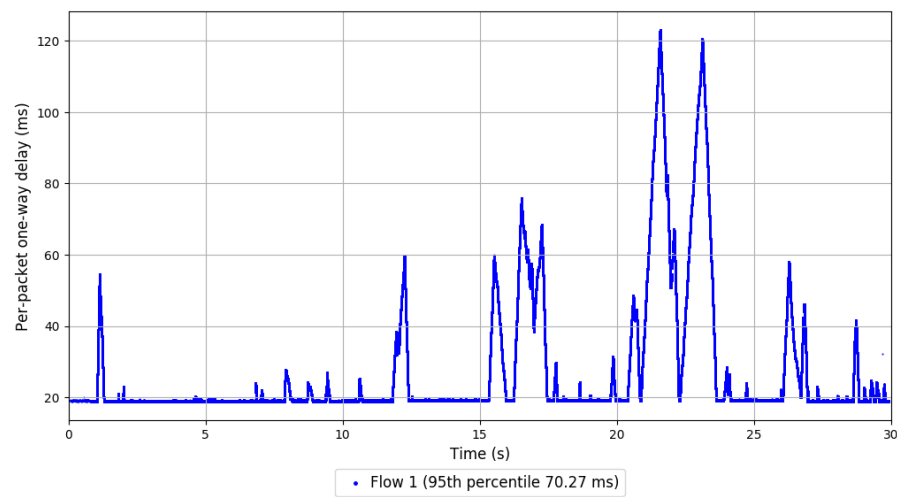
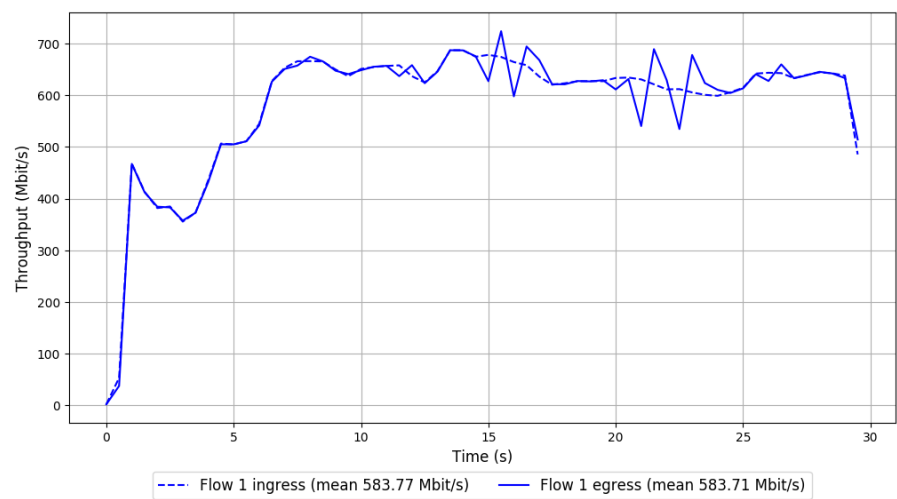
-- Flow 1:

Average throughput: 583.71 Mbit/s

95th percentile per-packet one-way delay: 70.266 ms

Loss rate: 0.01%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-02-20 06:05:35
End at: 2018-02-20 06:06:05
Local clock offset: 1.319 ms
Remote clock offset: -6.291 ms

Below is generated by plot.py at 2018-02-20 09:42:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 481.01 Mbit/s
95th percentile per-packet one-way delay: 36.877 ms
Loss rate: 0.96%
-- Flow 1:
Average throughput: 481.01 Mbit/s
95th percentile per-packet one-way delay: 36.877 ms
Loss rate: 0.96%

Run 10: Report of Vivace-LTE — Data Link

