

Pantheon Report

Generated at 2018-01-16 22:51:41 (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).

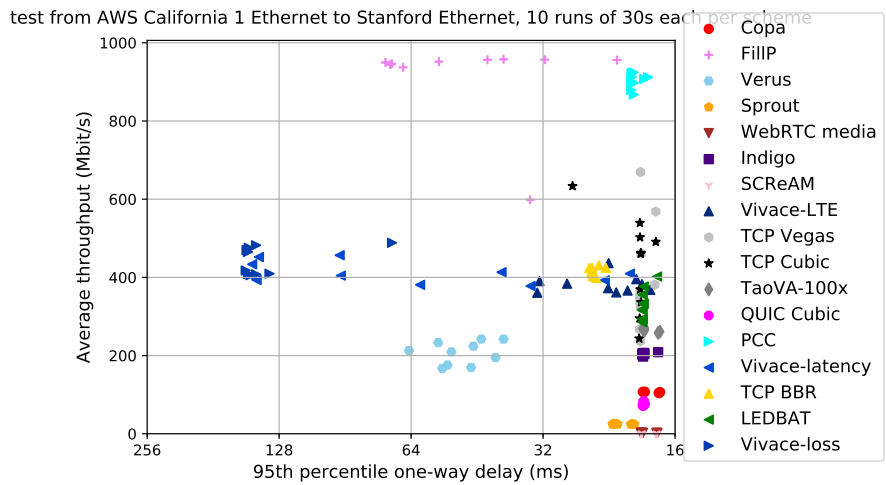
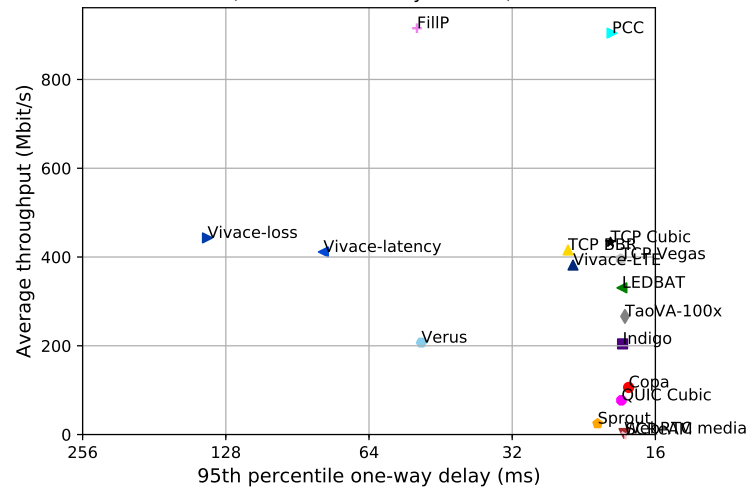
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against `time.stanford.edu` and have been applied to correct the timestamps in logs.

Git summary:

```
branch: master @ af8abdfba95588b0c5f2aeca9e856a1656b0c598
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fixlcp @ ec9585325218d5048c4d4152fa42240af54c6e67
third_party/genericCC @ 80b516c448f795fd6e9675f7177b69c622f07da8
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eaaeb30b267cde681
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 @ 423cbca3e8ea1d599e7b5cf725835e8a2b6bfac6
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)



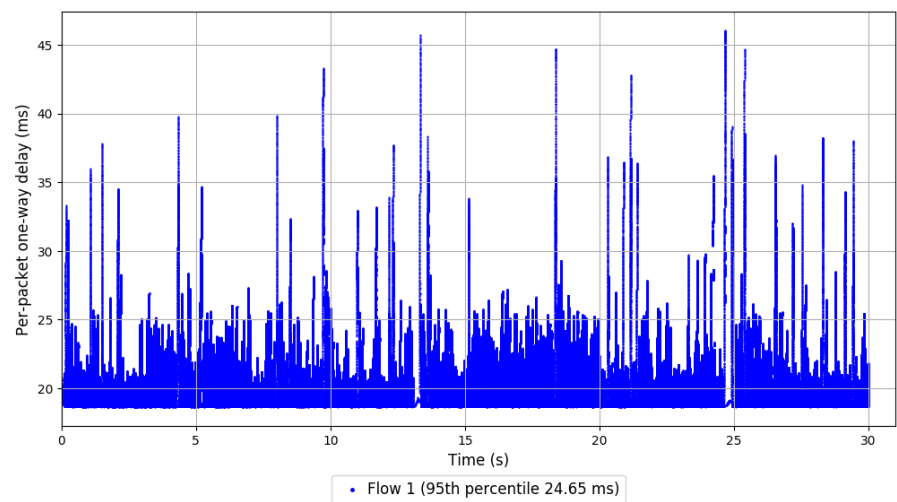
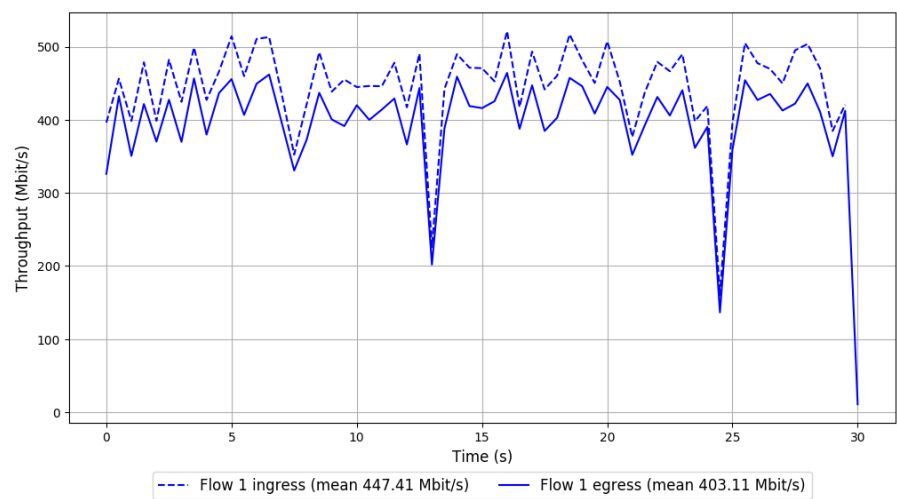
scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	9	415.82	24.42	9.46
TCP Cubic	10	433.33	19.88	0.06
LEDBAT	10	330.56	18.82	0.01
PCC	10	904.45	19.74	0.29
QUIC Cubic	10	77.12	18.86	0.00
SCReAM	10	0.22	18.50	0.00
WebRTC media	10	2.31	18.63	0.00
Sprout	10	24.66	21.17	0.01
TaoVA-100x	10	266.23	18.54	0.00
TCP Vegas	10	395.30	18.92	0.01
Verus	10	207.11	49.67	17.39
Copa	7	106.20	18.21	0.00
FillP	10	915.48	50.75	4.51
Indigo	9	204.27	18.76	0.00
Vivace-latency	10	411.45	79.82	0.37
Vivace-loss	10	443.05	139.89	4.60
Vivace-LTE	10	381.86	23.84	0.02

Run 1: Statistics of TCP BBR

Start at: 2018-01-16 14:41:08
End at: 2018-01-16 14:41:38
Local clock offset: -3.148 ms
Remote clock offset: -2.294 ms

Below is generated by plot.py at 2018-01-16 20:57:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 403.11 Mbit/s
95th percentile per-packet one-way delay: 24.647 ms
Loss rate: 9.89%
-- Flow 1:
Average throughput: 403.11 Mbit/s
95th percentile per-packet one-way delay: 24.647 ms
Loss rate: 9.89%

Run 1: Report of TCP BBR — Data Link

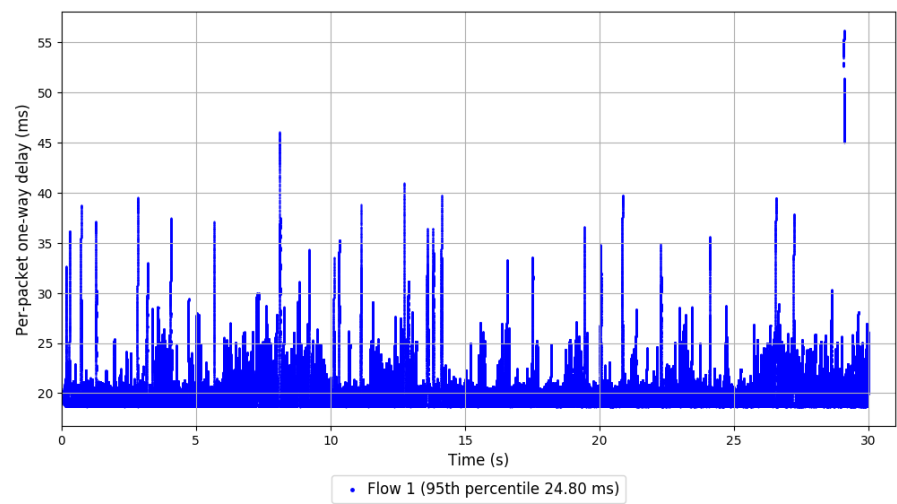
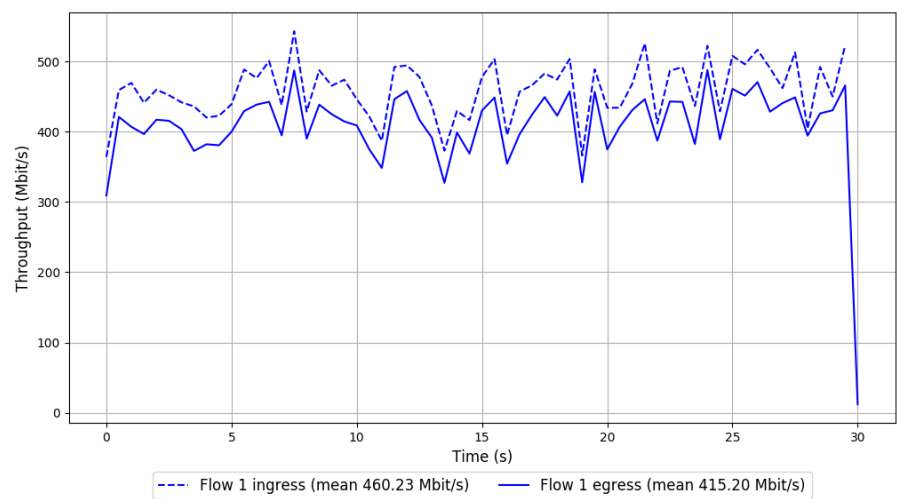


Run 2: Statistics of TCP BBR

Start at: 2018-01-16 15:06:33
End at: 2018-01-16 15:07:03
Local clock offset: -3.663 ms
Remote clock offset: -2.247 ms

Below is generated by plot.py at 2018-01-16 20:57:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 415.20 Mbit/s
95th percentile per-packet one-way delay: 24.804 ms
Loss rate: 9.79%
-- Flow 1:
Average throughput: 415.20 Mbit/s
95th percentile per-packet one-way delay: 24.804 ms
Loss rate: 9.79%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

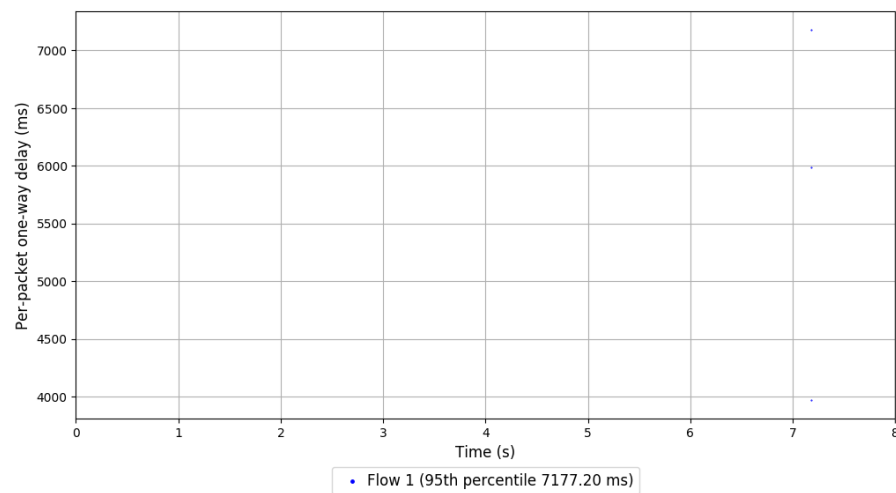
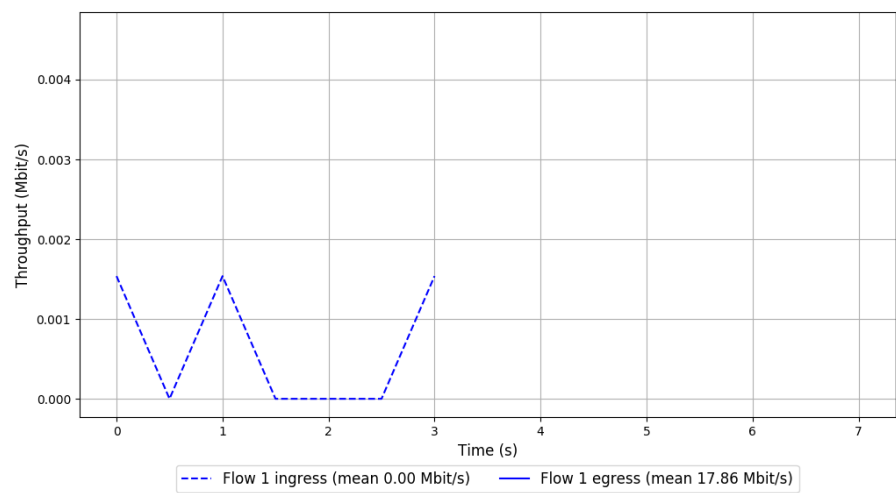
Start at: 2018-01-16 15:32:23

End at: 2018-01-16 15:32:53

Local clock offset: -4.285 ms

Remote clock offset: -2.514 ms

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-01-16 15:57:08

End at: 2018-01-16 15:57:38

Local clock offset: -4.69 ms

Remote clock offset: -2.601 ms

Below is generated by plot.py at 2018-01-16 20:57:31

Datalink statistics

-- Total of 1 flow:

Average throughput: 423.91 Mbit/s

95th percentile per-packet one-way delay: 25.111 ms

Loss rate: 9.88%

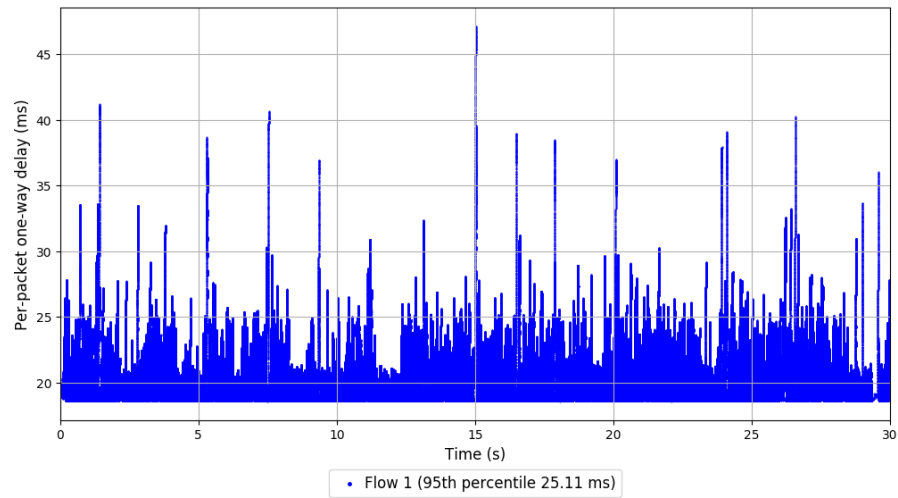
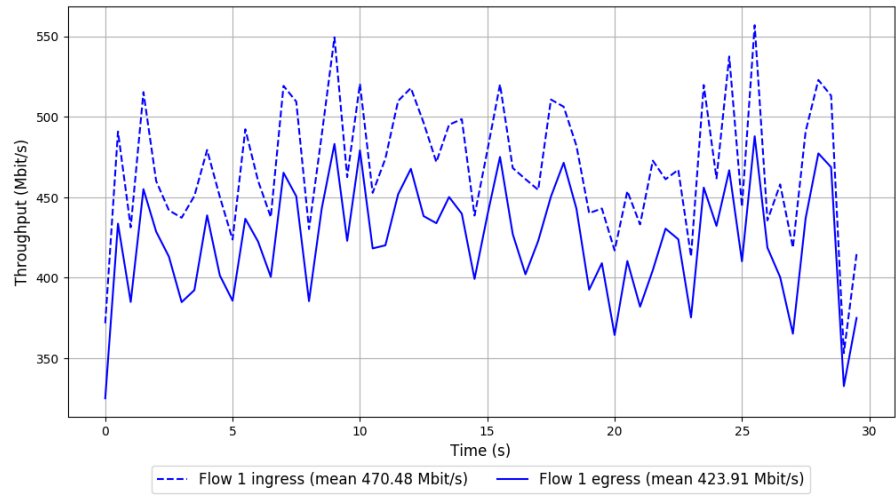
-- Flow 1:

Average throughput: 423.91 Mbit/s

95th percentile per-packet one-way delay: 25.111 ms

Loss rate: 9.88%

Run 4: Report of TCP BBR — Data Link

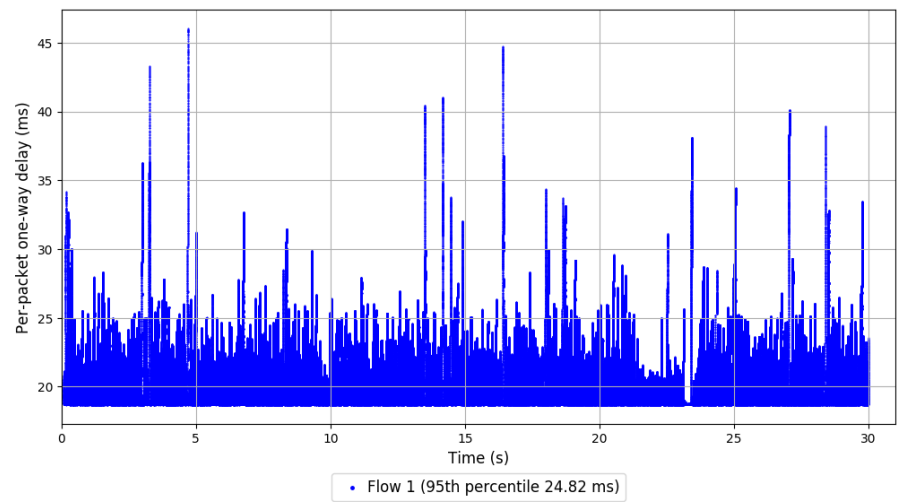
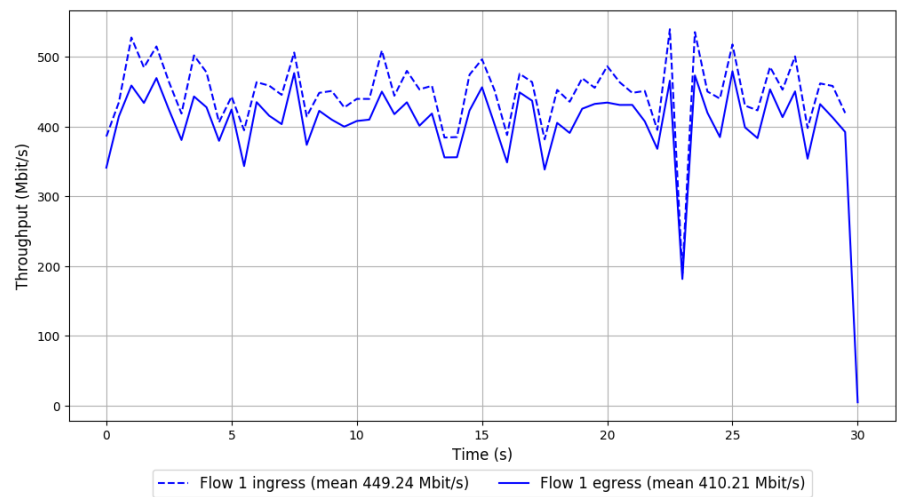


Run 5: Statistics of TCP BBR

Start at: 2018-01-16 16:23:01
End at: 2018-01-16 16:23:31
Local clock offset: -5.06 ms
Remote clock offset: -2.905 ms

Below is generated by plot.py at 2018-01-16 20:57:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 410.21 Mbit/s
95th percentile per-packet one-way delay: 24.819 ms
Loss rate: 8.69%
-- Flow 1:
Average throughput: 410.21 Mbit/s
95th percentile per-packet one-way delay: 24.819 ms
Loss rate: 8.69%

Run 5: Report of TCP BBR — Data Link

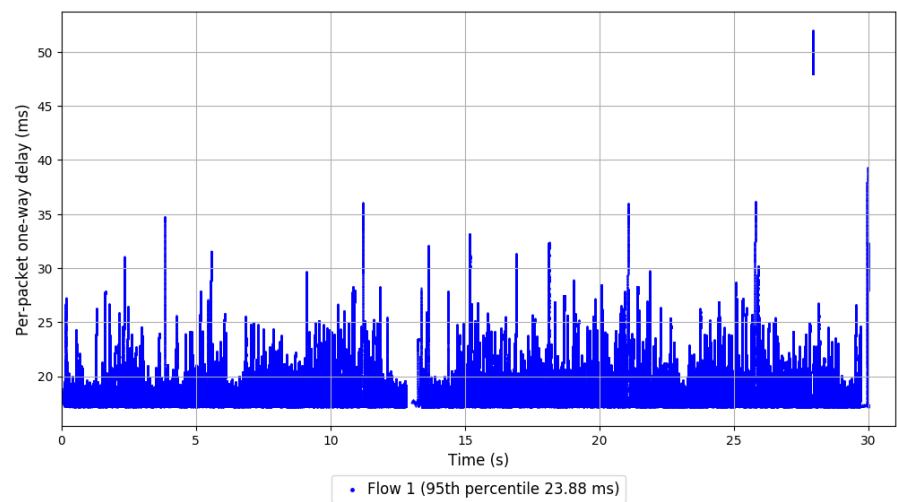
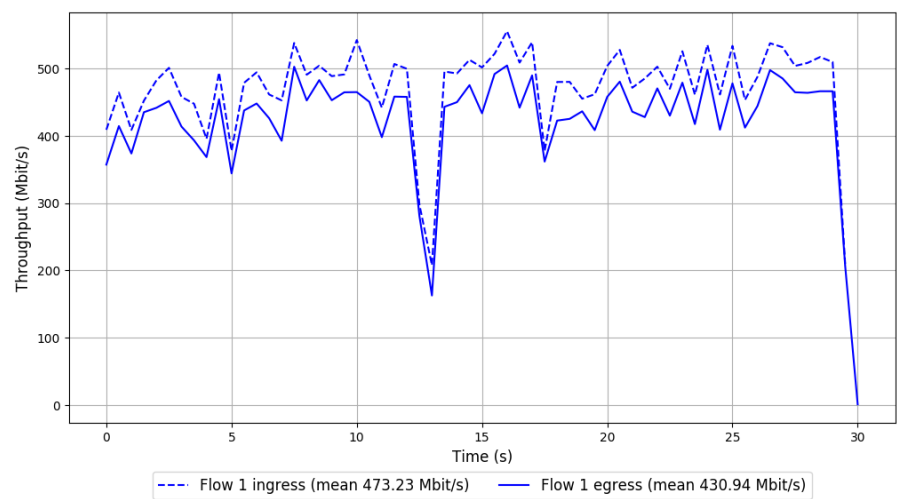


Run 6: Statistics of TCP BBR

Start at: 2018-01-16 16:48:36
End at: 2018-01-16 16:49:06
Local clock offset: -5.129 ms
Remote clock offset: -2.553 ms

Below is generated by plot.py at 2018-01-16 20:57:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 430.94 Mbit/s
95th percentile per-packet one-way delay: 23.876 ms
Loss rate: 8.94%
-- Flow 1:
Average throughput: 430.94 Mbit/s
95th percentile per-packet one-way delay: 23.876 ms
Loss rate: 8.94%

Run 6: Report of TCP BBR — Data Link

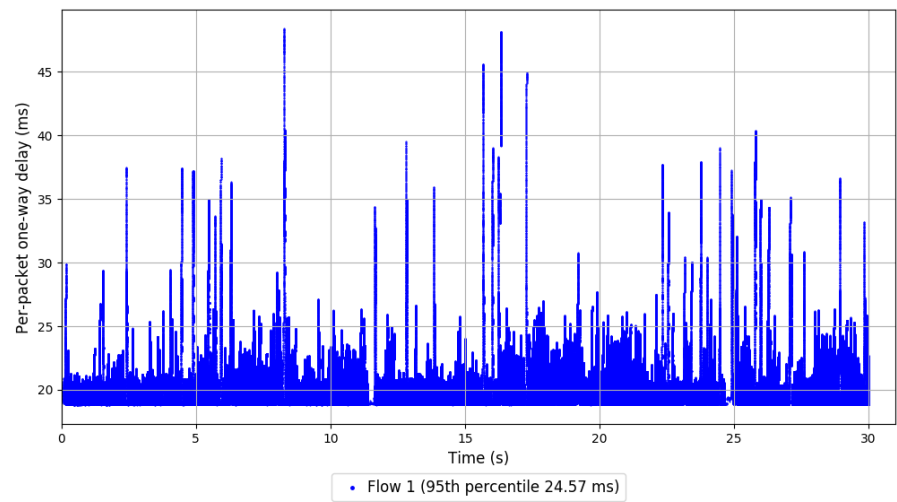
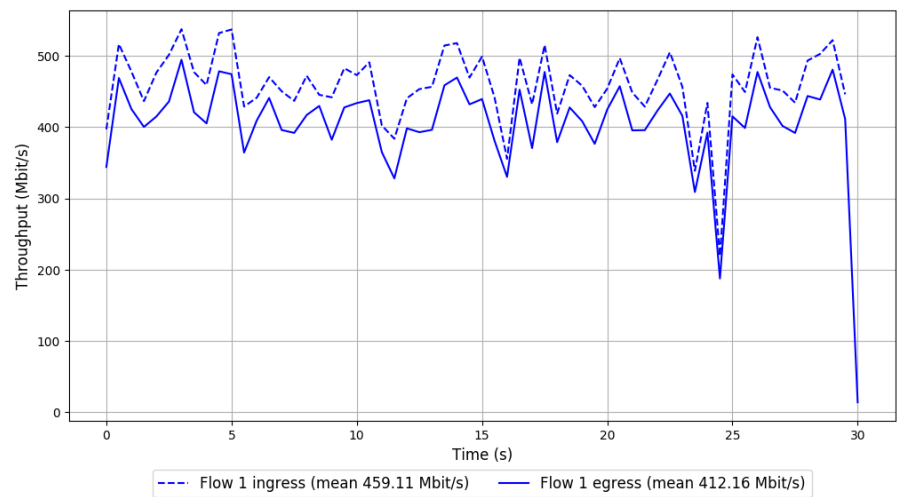


Run 7: Statistics of TCP BBR

Start at: 2018-01-16 17:14:12
End at: 2018-01-16 17:14:42
Local clock offset: -5.286 ms
Remote clock offset: -2.408 ms

Below is generated by plot.py at 2018-01-16 20:57:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 412.16 Mbit/s
95th percentile per-packet one-way delay: 24.574 ms
Loss rate: 10.23%
-- Flow 1:
Average throughput: 412.16 Mbit/s
95th percentile per-packet one-way delay: 24.574 ms
Loss rate: 10.23%

Run 7: Report of TCP BBR — Data Link

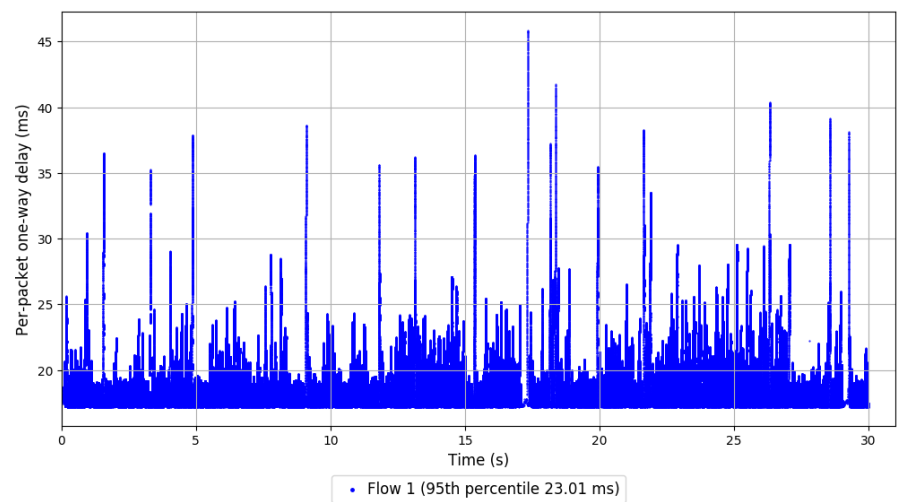
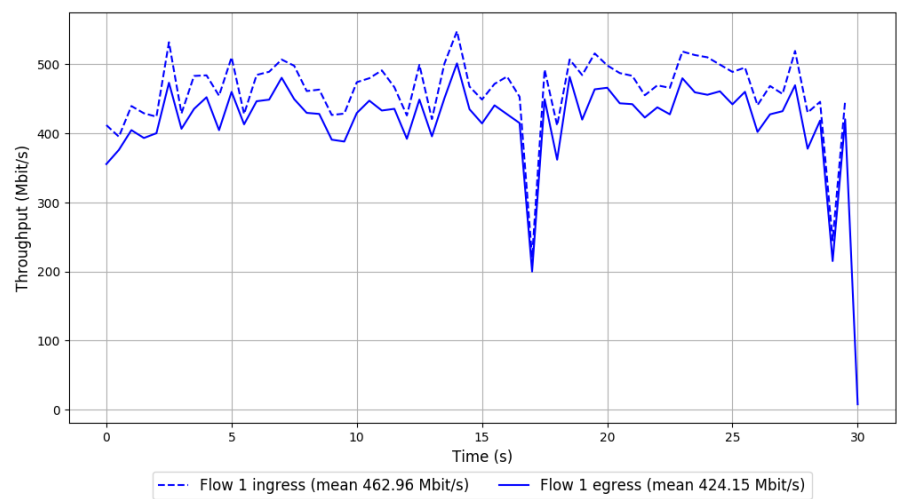


Run 8: Statistics of TCP BBR

Start at: 2018-01-16 17:40:01
End at: 2018-01-16 17:40:31
Local clock offset: -5.353 ms
Remote clock offset: -3.292 ms

Below is generated by plot.py at 2018-01-16 20:57:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 424.15 Mbit/s
95th percentile per-packet one-way delay: 23.006 ms
Loss rate: 8.38%
-- Flow 1:
Average throughput: 424.15 Mbit/s
95th percentile per-packet one-way delay: 23.006 ms
Loss rate: 8.38%

Run 8: Report of TCP BBR — Data Link

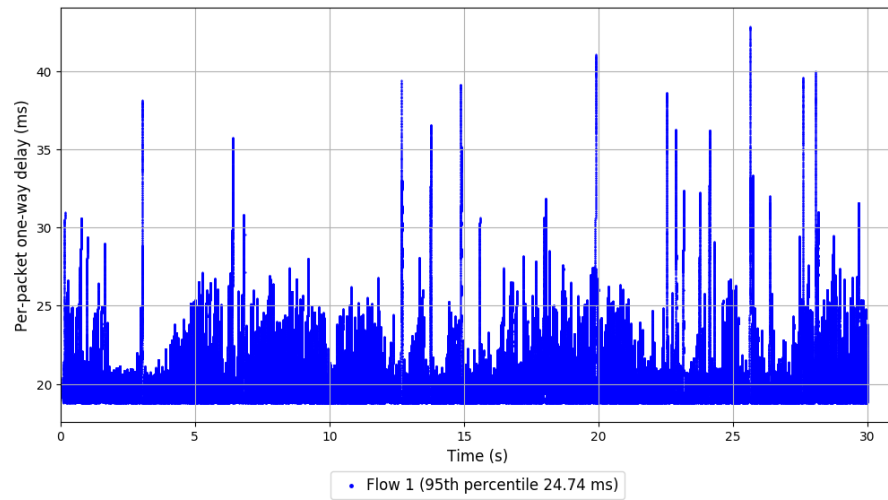
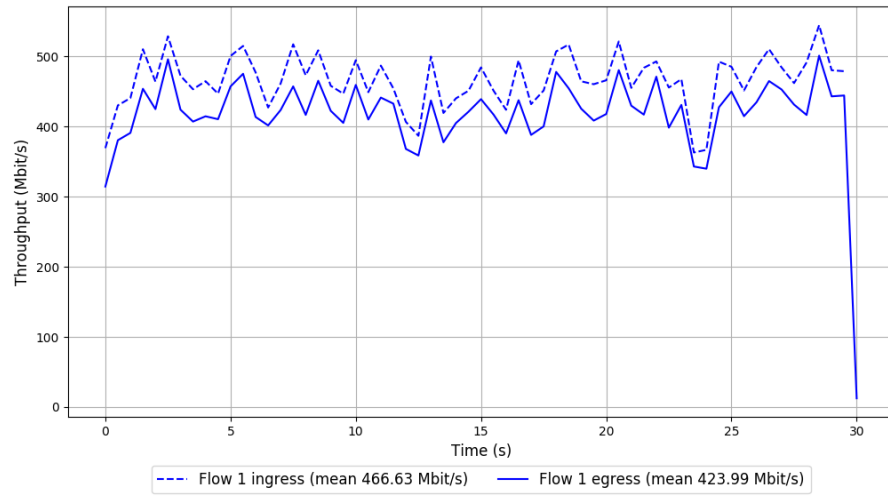


Run 9: Statistics of TCP BBR

Start at: 2018-01-16 18:05:44
End at: 2018-01-16 18:06:15
Local clock offset: -5.588 ms
Remote clock offset: -3.596 ms

Below is generated by plot.py at 2018-01-16 20:57:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 423.99 Mbit/s
95th percentile per-packet one-way delay: 24.741 ms
Loss rate: 9.13%
-- Flow 1:
Average throughput: 423.99 Mbit/s
95th percentile per-packet one-way delay: 24.741 ms
Loss rate: 9.13%

Run 9: Report of TCP BBR — Data Link

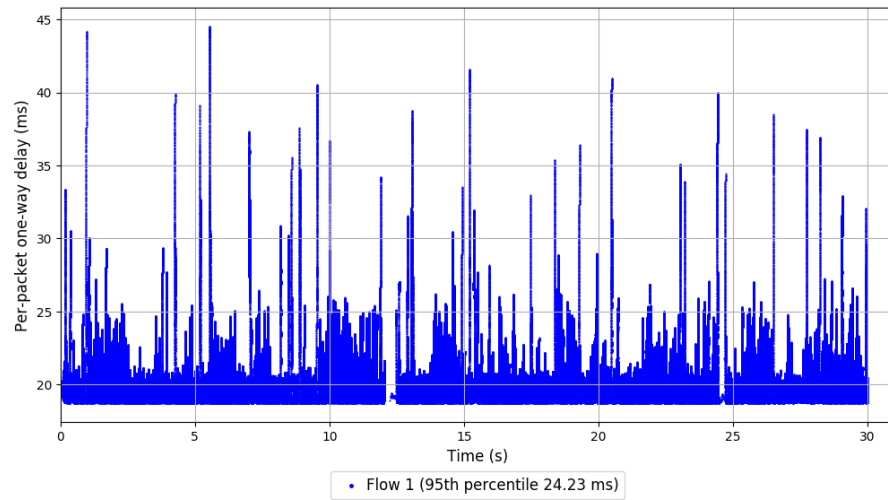
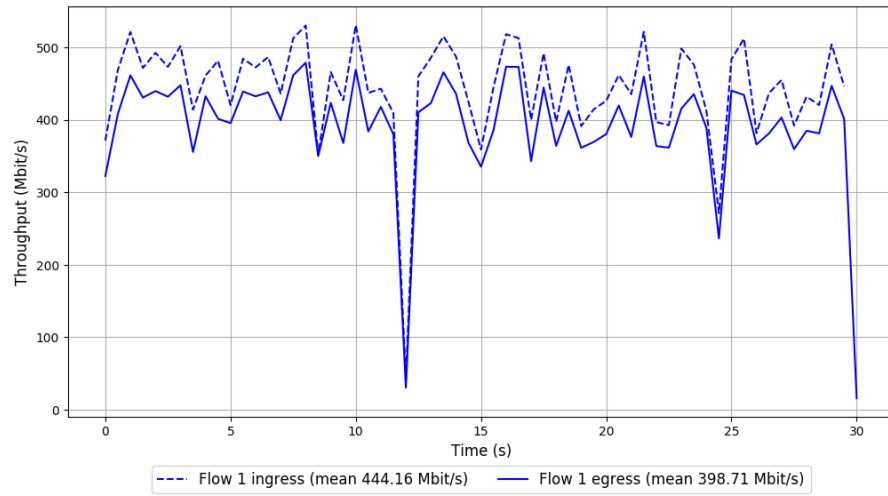


Run 10: Statistics of TCP BBR

Start at: 2018-01-16 18:31:19
End at: 2018-01-16 18:31:49
Local clock offset: -5.51 ms
Remote clock offset: -4.062 ms

Below is generated by plot.py at 2018-01-16 21:02:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 398.71 Mbit/s
95th percentile per-packet one-way delay: 24.226 ms
Loss rate: 10.23%
-- Flow 1:
Average throughput: 398.71 Mbit/s
95th percentile per-packet one-way delay: 24.226 ms
Loss rate: 10.23%

Run 10: Report of TCP BBR — Data Link

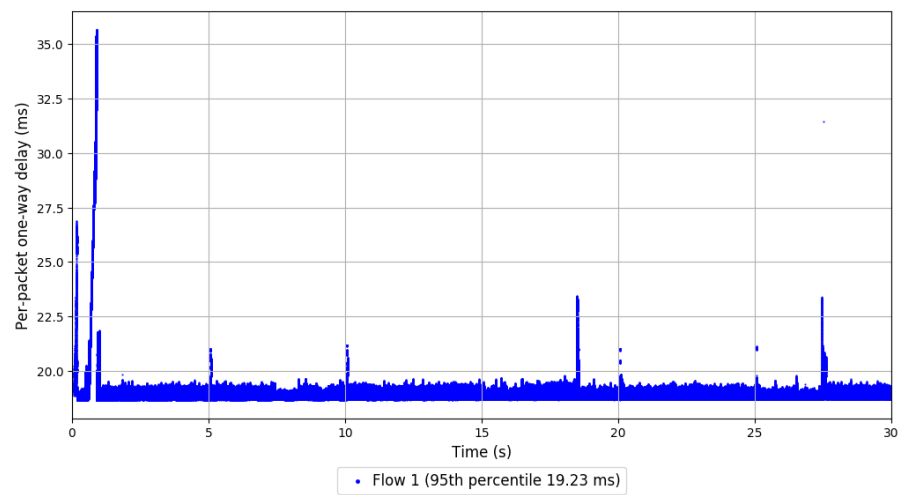
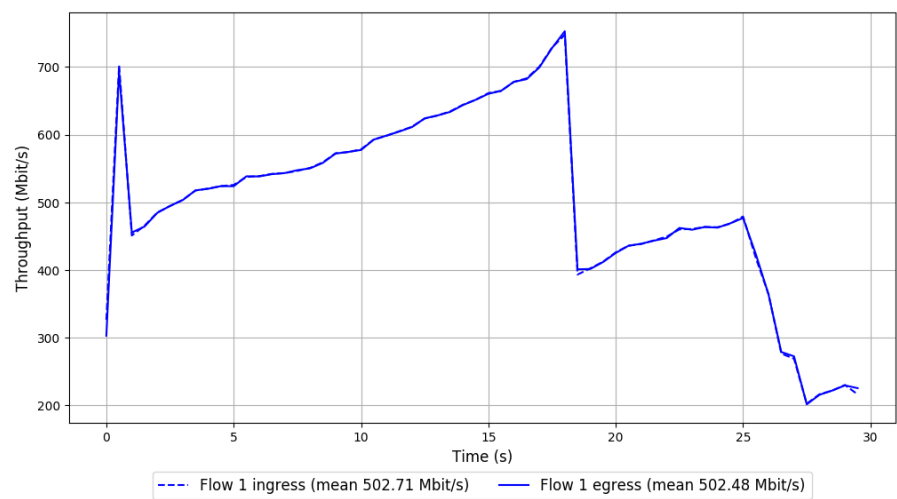


Run 1: Statistics of TCP Cubic

Start at: 2018-01-16 14:28:07
End at: 2018-01-16 14:28:37
Local clock offset: -3.254 ms
Remote clock offset: -1.884 ms

Below is generated by plot.py at 2018-01-16 21:03:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 502.48 Mbit/s
95th percentile per-packet one-way delay: 19.229 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 502.48 Mbit/s
95th percentile per-packet one-way delay: 19.229 ms
Loss rate: 0.05%

Run 1: Report of TCP Cubic — Data Link

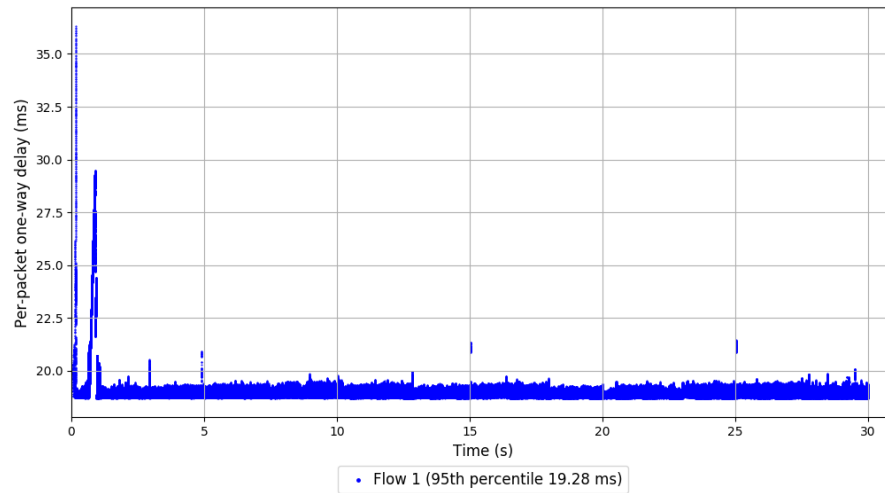
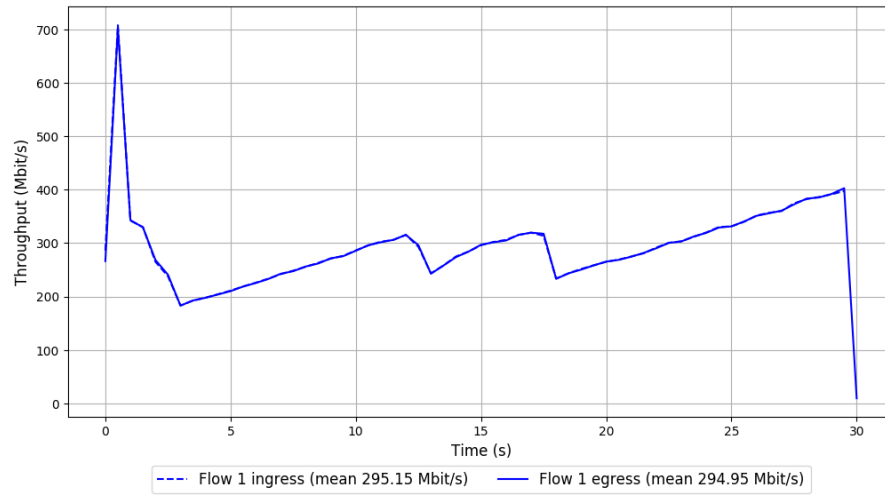


Run 2: Statistics of TCP Cubic

Start at: 2018-01-16 14:53:33
End at: 2018-01-16 14:54:03
Local clock offset: -3.308 ms
Remote clock offset: -2.167 ms

Below is generated by plot.py at 2018-01-16 21:03:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 294.95 Mbit/s
95th percentile per-packet one-way delay: 19.277 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 294.95 Mbit/s
95th percentile per-packet one-way delay: 19.277 ms
Loss rate: 0.07%

Run 2: Report of TCP Cubic — Data Link

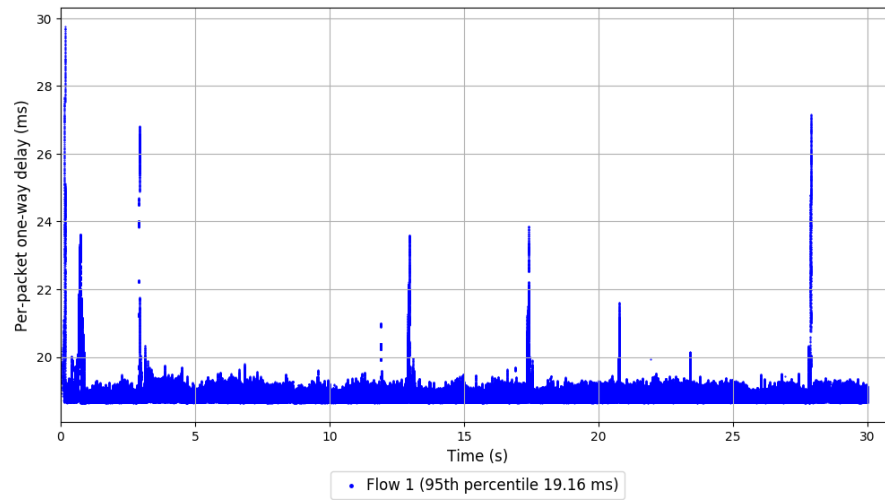
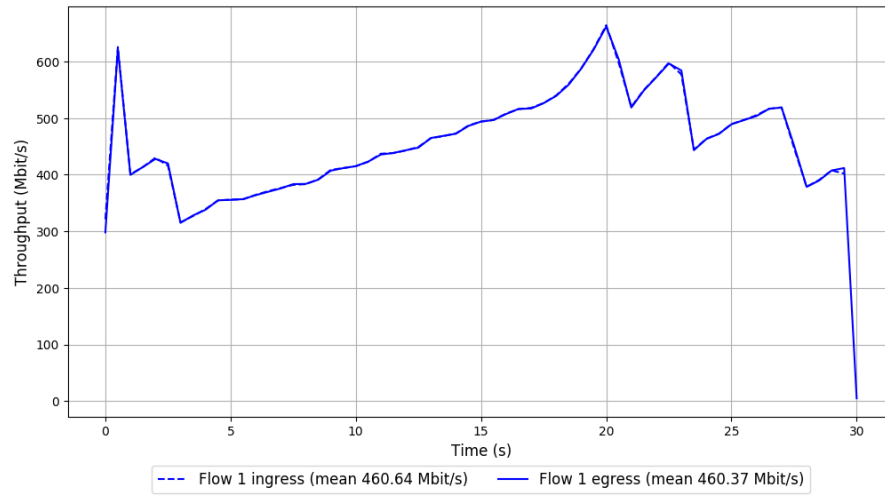


Run 3: Statistics of TCP Cubic

Start at: 2018-01-16 15:19:05
End at: 2018-01-16 15:19:35
Local clock offset: -3.914 ms
Remote clock offset: -2.183 ms

Below is generated by plot.py at 2018-01-16 21:03:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 460.37 Mbit/s
95th percentile per-packet one-way delay: 19.160 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 460.37 Mbit/s
95th percentile per-packet one-way delay: 19.160 ms
Loss rate: 0.06%

Run 3: Report of TCP Cubic — Data Link

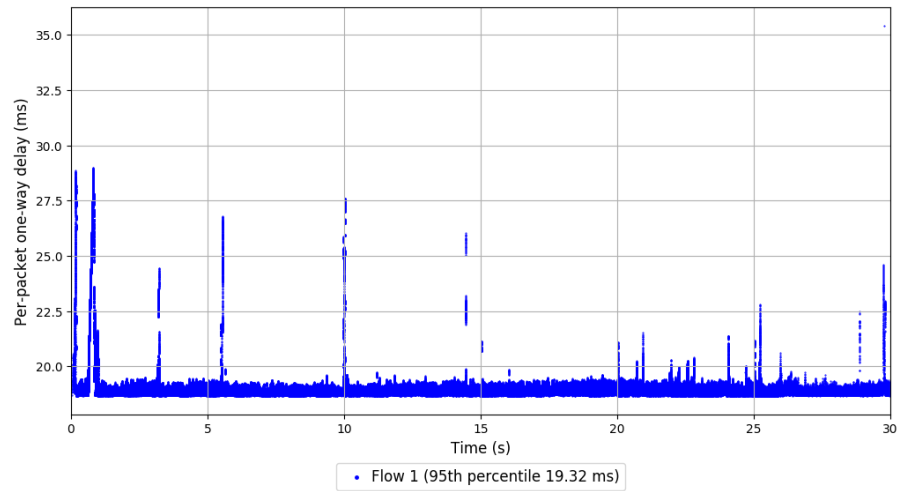
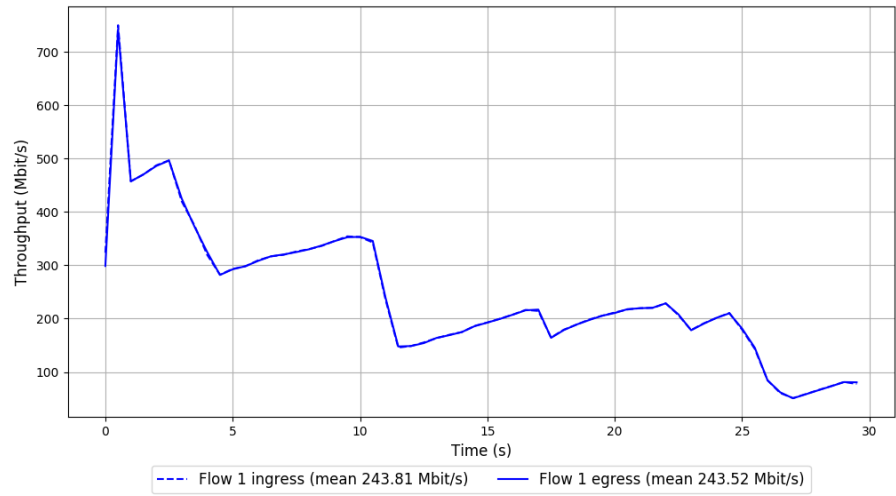


Run 4: Statistics of TCP Cubic

Start at: 2018-01-16 15:44:29
End at: 2018-01-16 15:44:59
Local clock offset: -4.508 ms
Remote clock offset: -2.565 ms

Below is generated by plot.py at 2018-01-16 21:03:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 243.52 Mbit/s
95th percentile per-packet one-way delay: 19.316 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 243.52 Mbit/s
95th percentile per-packet one-way delay: 19.316 ms
Loss rate: 0.12%

Run 4: Report of TCP Cubic — Data Link

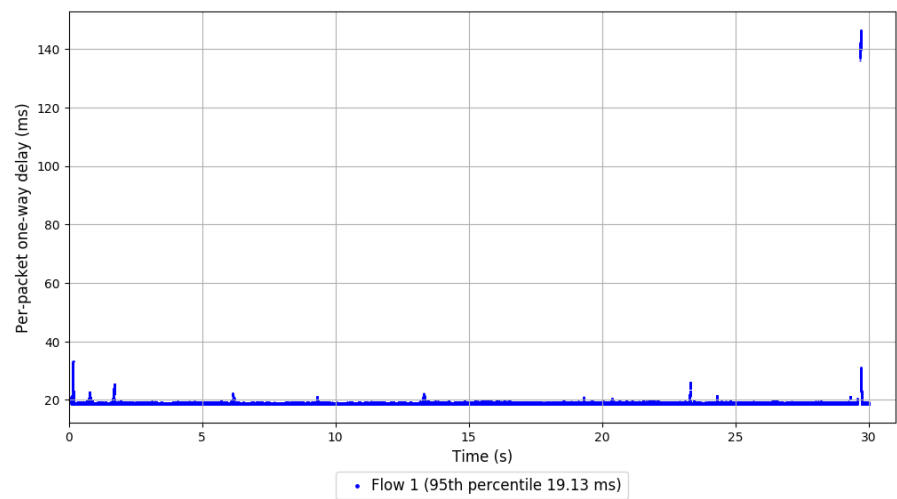
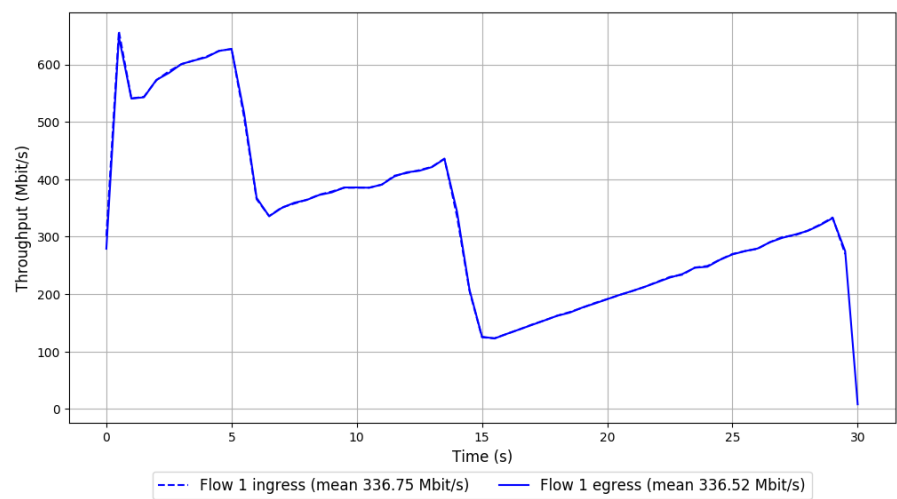


Run 5: Statistics of TCP Cubic

Start at: 2018-01-16 16:09:45
End at: 2018-01-16 16:10:15
Local clock offset: -4.839 ms
Remote clock offset: -2.917 ms

Below is generated by plot.py at 2018-01-16 21:03:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 336.52 Mbit/s
95th percentile per-packet one-way delay: 19.134 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 336.52 Mbit/s
95th percentile per-packet one-way delay: 19.134 ms
Loss rate: 0.07%

Run 5: Report of TCP Cubic — Data Link

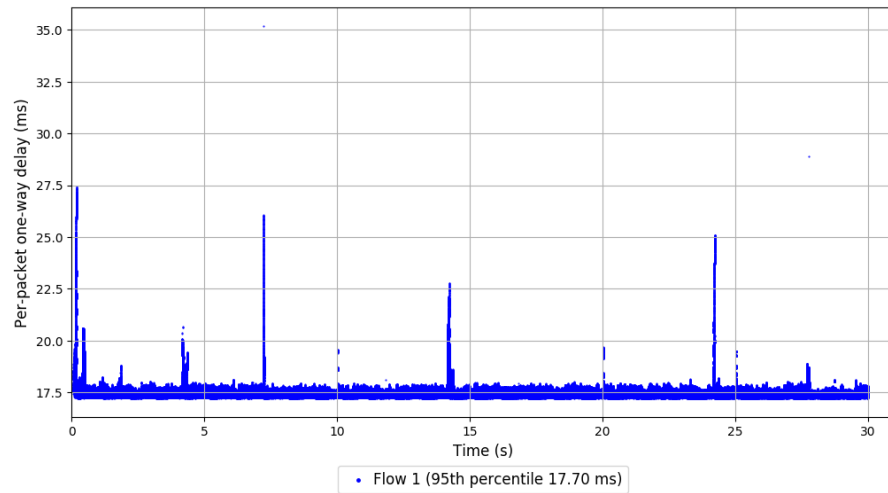
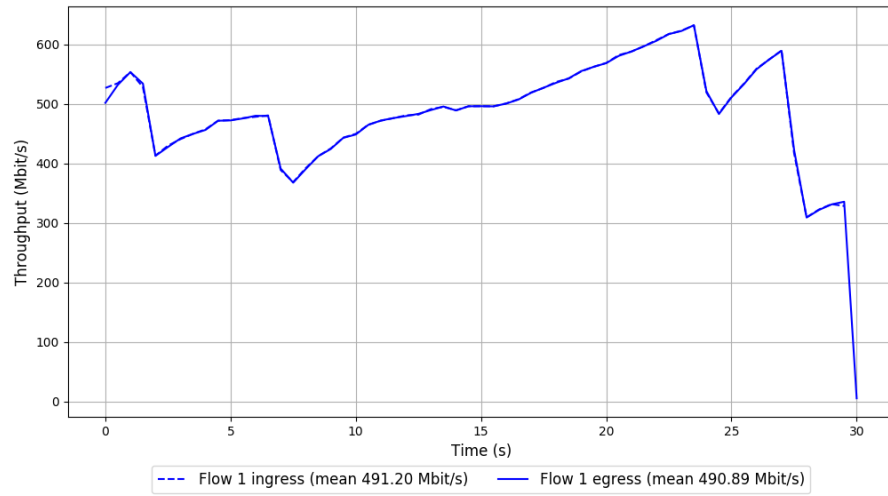


Run 6: Statistics of TCP Cubic

Start at: 2018-01-16 16:35:29
End at: 2018-01-16 16:35:59
Local clock offset: -5.168 ms
Remote clock offset: -2.774 ms

Below is generated by plot.py at 2018-01-16 21:03:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 490.89 Mbit/s
95th percentile per-packet one-way delay: 17.703 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 490.89 Mbit/s
95th percentile per-packet one-way delay: 17.703 ms
Loss rate: 0.06%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-01-16 17:01:06

End at: 2018-01-16 17:01:36

Local clock offset: -5.167 ms

Remote clock offset: -2.38 ms

Below is generated by plot.py at 2018-01-16 21:03:55

Datalink statistics

-- Total of 1 flow:

Average throughput: 369.23 Mbit/s

95th percentile per-packet one-way delay: 19.212 ms

Loss rate: 0.07%

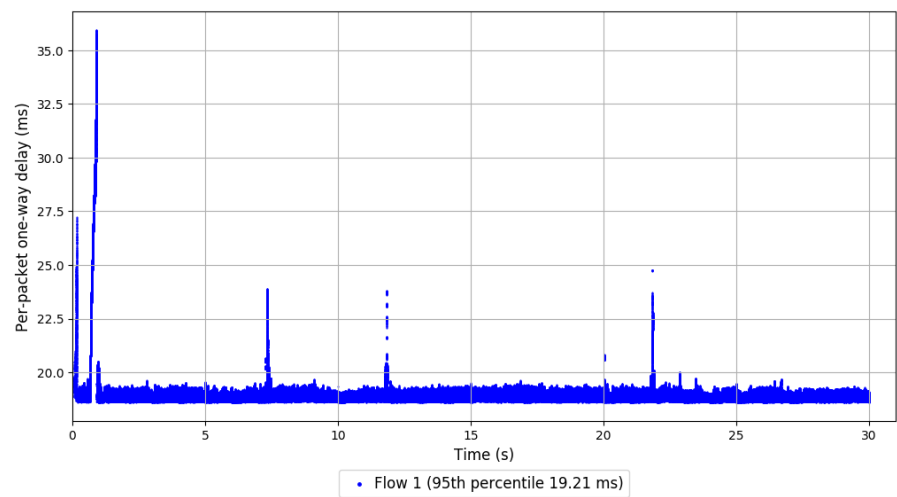
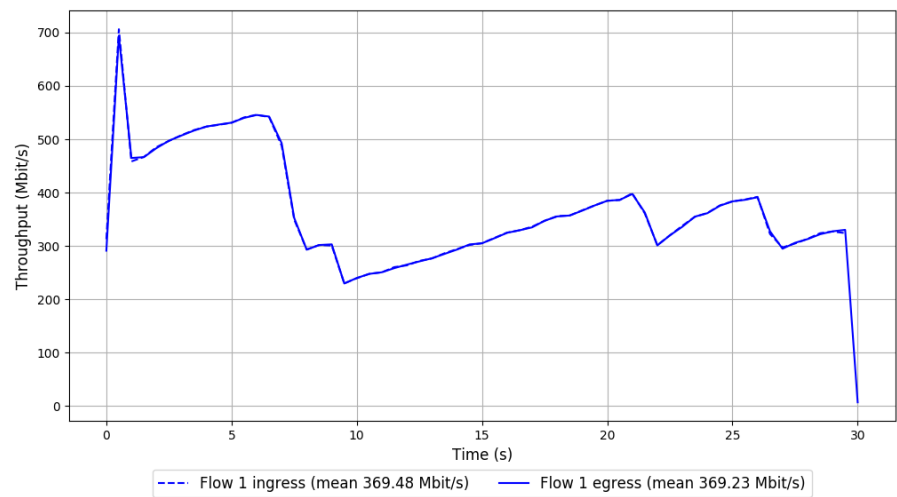
-- Flow 1:

Average throughput: 369.23 Mbit/s

95th percentile per-packet one-way delay: 19.212 ms

Loss rate: 0.07%

Run 7: Report of TCP Cubic — Data Link

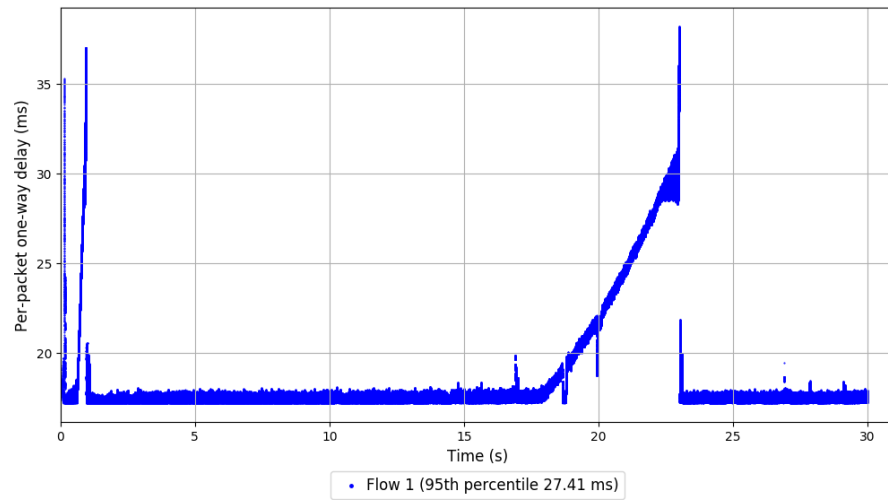
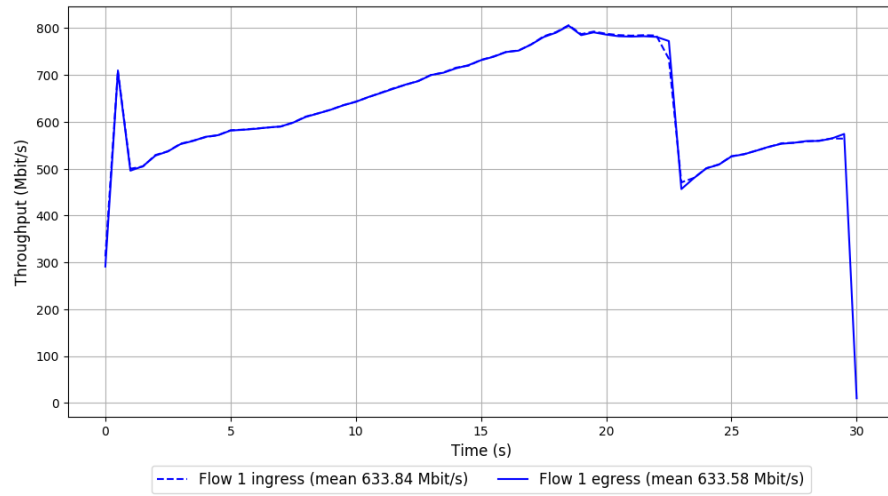


Run 8: Statistics of TCP Cubic

Start at: 2018-01-16 17:26:44
End at: 2018-01-16 17:27:14
Local clock offset: -5.273 ms
Remote clock offset: -2.886 ms

Below is generated by plot.py at 2018-01-16 21:09:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 633.58 Mbit/s
95th percentile per-packet one-way delay: 27.412 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 633.58 Mbit/s
95th percentile per-packet one-way delay: 27.412 ms
Loss rate: 0.04%

Run 8: Report of TCP Cubic — Data Link

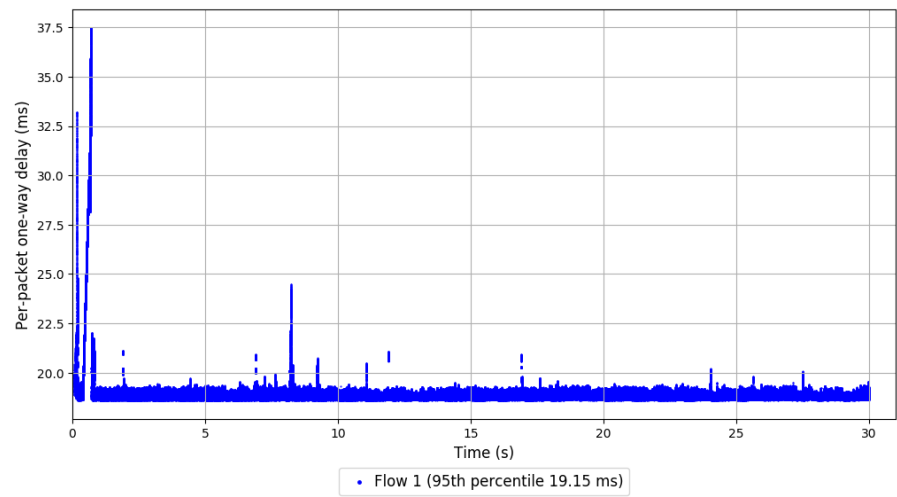
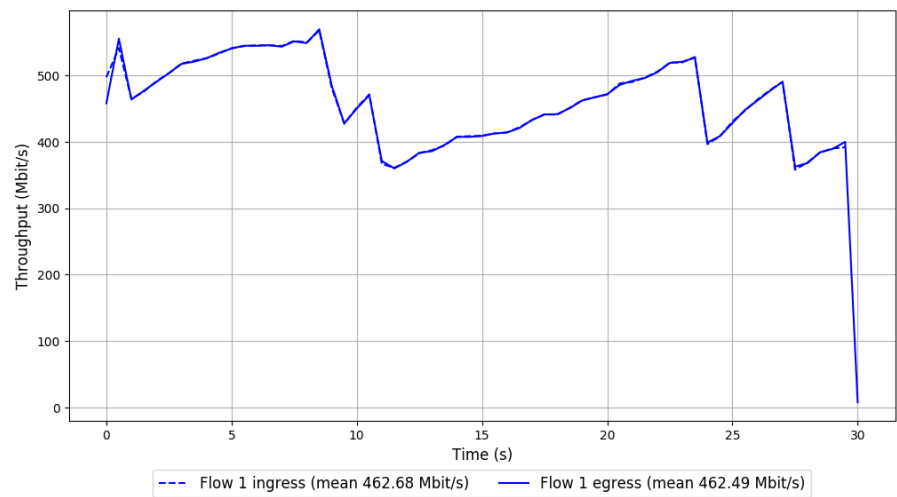


Run 9: Statistics of TCP Cubic

Start at: 2018-01-16 17:52:35
End at: 2018-01-16 17:53:05
Local clock offset: -5.444 ms
Remote clock offset: -3.603 ms

Below is generated by plot.py at 2018-01-16 21:09:16
Datalink statistics
-- Total of 1 flow:
Average throughput: 462.49 Mbit/s
95th percentile per-packet one-way delay: 19.148 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 462.49 Mbit/s
95th percentile per-packet one-way delay: 19.148 ms
Loss rate: 0.04%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-01-16 18:18:09

End at: 2018-01-16 18:18:39

Local clock offset: -5.486 ms

Remote clock offset: -3.77 ms

Below is generated by plot.py at 2018-01-16 21:09:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 539.32 Mbit/s

95th percentile per-packet one-way delay: 19.249 ms

Loss rate: 0.04%

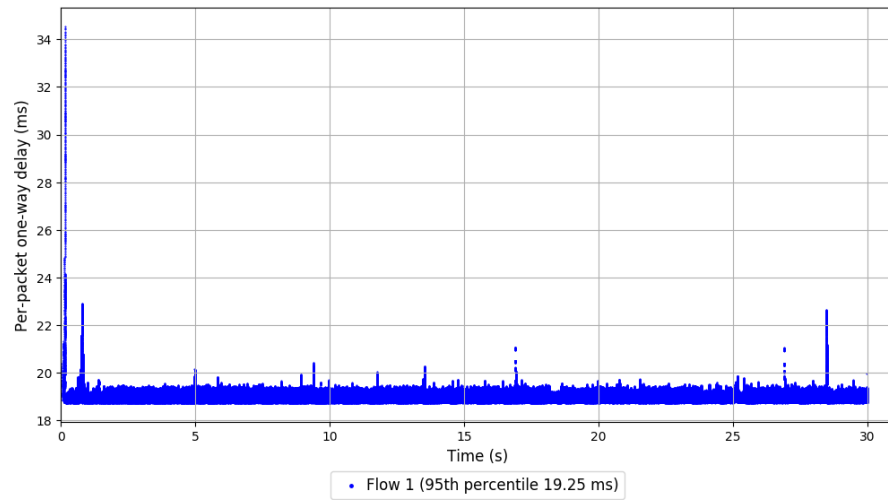
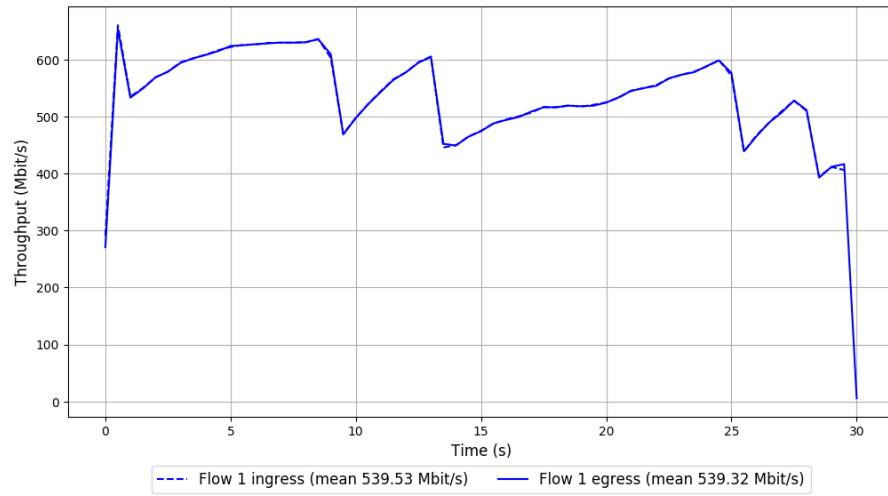
-- Flow 1:

Average throughput: 539.32 Mbit/s

95th percentile per-packet one-way delay: 19.249 ms

Loss rate: 0.04%

Run 10: Report of TCP Cubic — Data Link

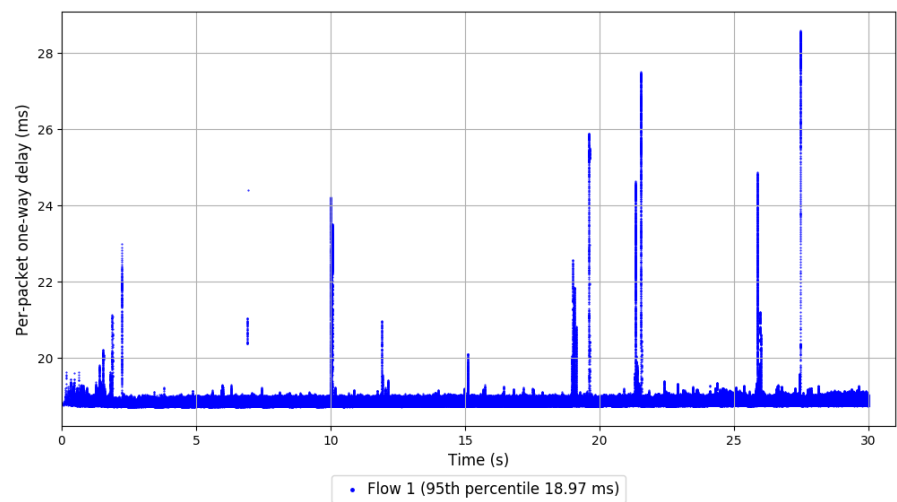
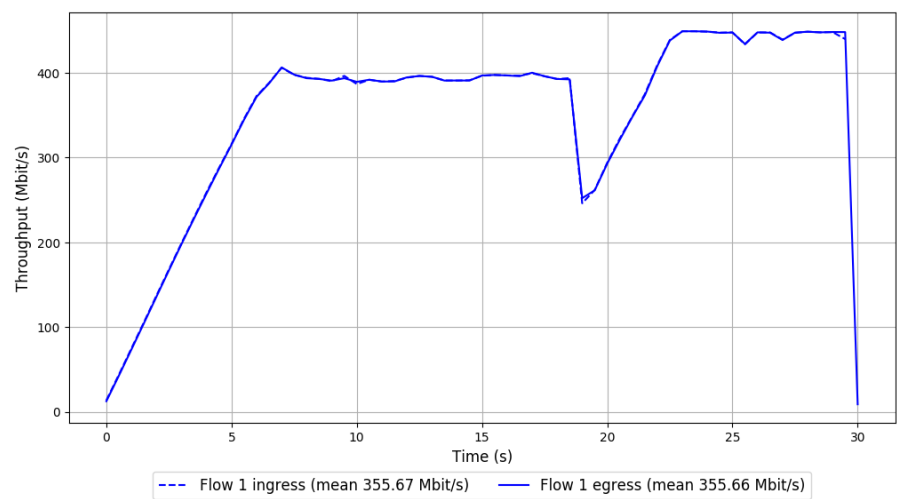


```
Run 1: Statistics of LEDBAT

Start at: 2018-01-16 14:25:28
End at: 2018-01-16 14:25:58
Local clock offset: -3.403 ms
Remote clock offset: -1.799 ms

# Below is generated by plot.py at 2018-01-16 21:09:19
# Datalink statistics
-- Total of 1 flow:
Average throughput: 355.66 Mbit/s
95th percentile per-packet one-way delay: 18.968 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 355.66 Mbit/s
95th percentile per-packet one-way delay: 18.968 ms
Loss rate: 0.00%
```


Run 1: Report of LEDBAT — Data Link

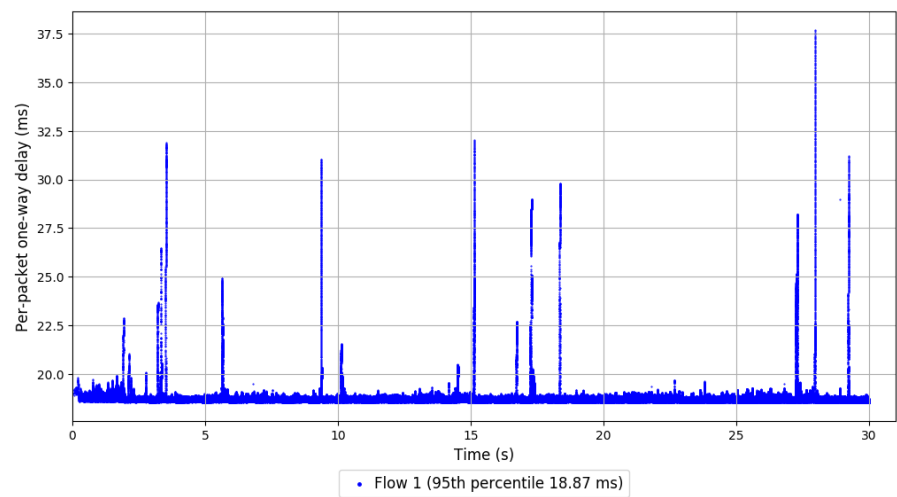
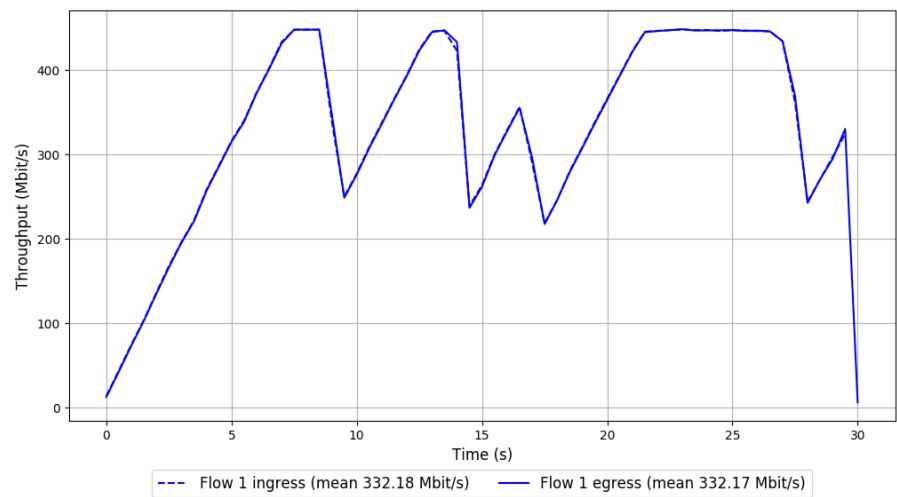


Run 2: Statistics of LEDBAT

Start at: 2018-01-16 14:50:56
End at: 2018-01-16 14:51:26
Local clock offset: -3.204 ms
Remote clock offset: -2.292 ms

Below is generated by plot.py at 2018-01-16 21:09:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 332.17 Mbit/s
95th percentile per-packet one-way delay: 18.871 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 332.17 Mbit/s
95th percentile per-packet one-way delay: 18.871 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

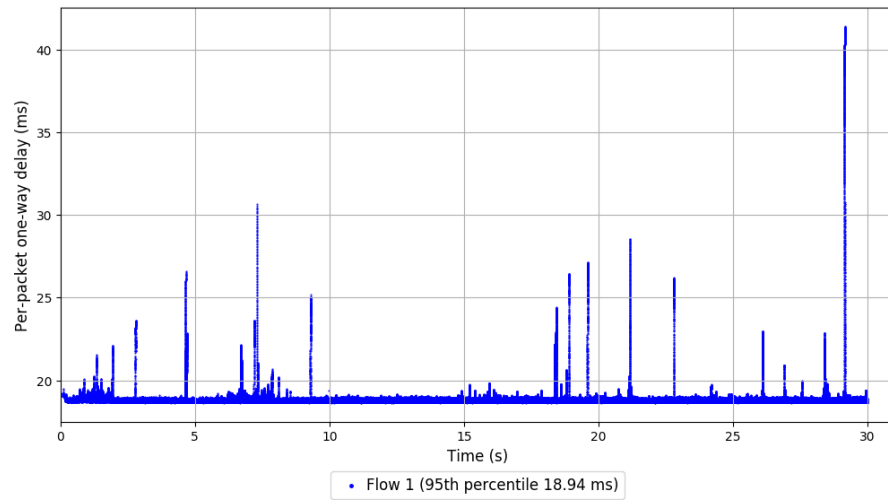
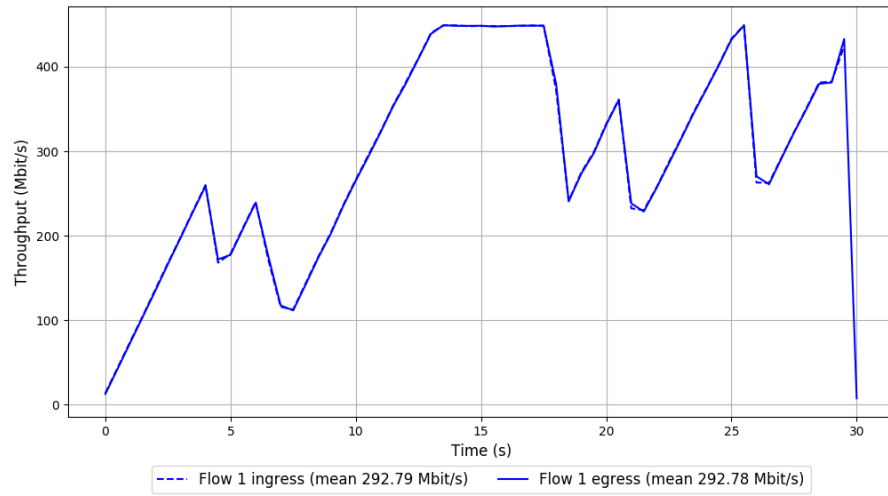


Run 3: Statistics of LEDBAT

Start at: 2018-01-16 15:16:30
End at: 2018-01-16 15:17:00
Local clock offset: -3.933 ms
Remote clock offset: -2.159 ms

Below is generated by plot.py at 2018-01-16 21:09:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 292.78 Mbit/s
95th percentile per-packet one-way delay: 18.943 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 292.78 Mbit/s
95th percentile per-packet one-way delay: 18.943 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

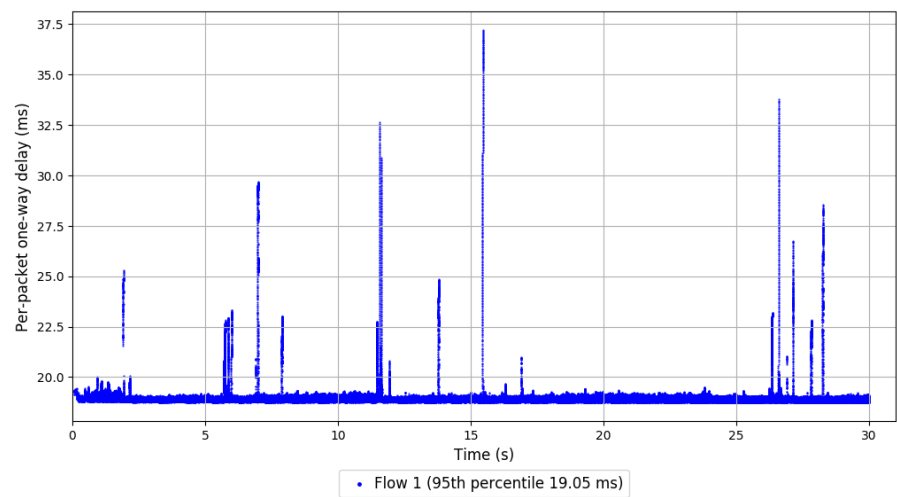
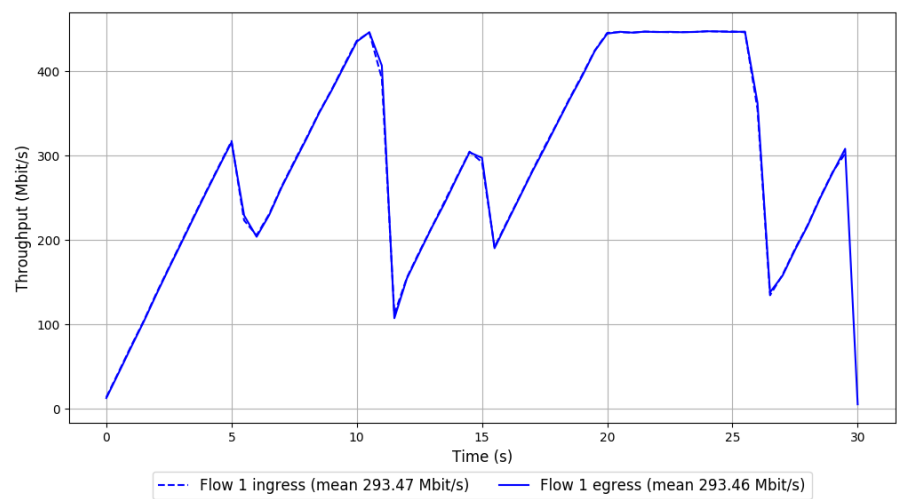


Run 4: Statistics of LEDBAT

Start at: 2018-01-16 15:41:53
End at: 2018-01-16 15:42:23
Local clock offset: -4.457 ms
Remote clock offset: -2.503 ms

Below is generated by plot.py at 2018-01-16 21:09:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 293.46 Mbit/s
95th percentile per-packet one-way delay: 19.048 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 293.46 Mbit/s
95th percentile per-packet one-way delay: 19.048 ms
Loss rate: 0.01%

Run 4: Report of LEDBAT — Data Link

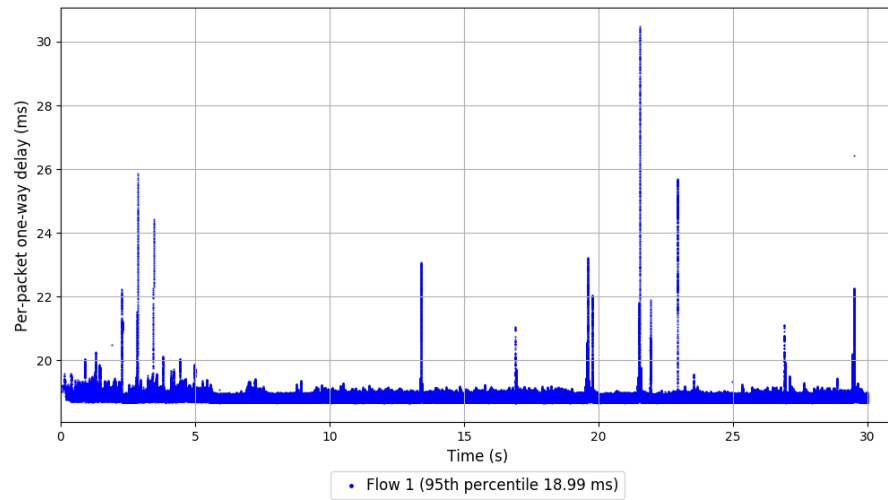
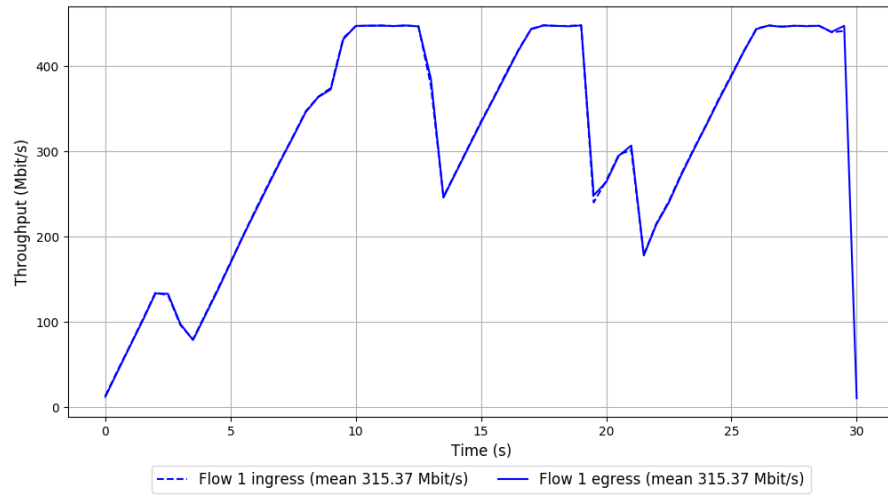


Run 5: Statistics of LEDBAT

Start at: 2018-01-16 16:07:08
End at: 2018-01-16 16:07:38
Local clock offset: -4.809 ms
Remote clock offset: -2.767 ms

Below is generated by plot.py at 2018-01-16 21:09:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 315.37 Mbit/s
95th percentile per-packet one-way delay: 18.989 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 315.37 Mbit/s
95th percentile per-packet one-way delay: 18.989 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

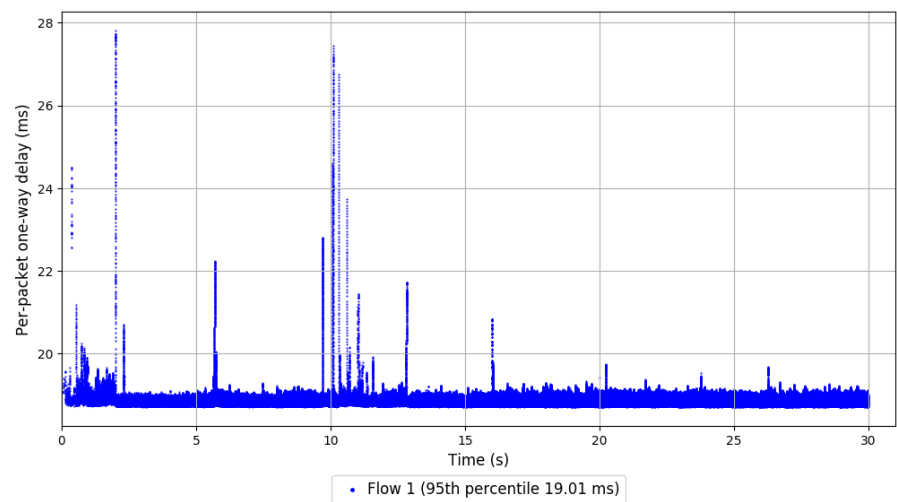
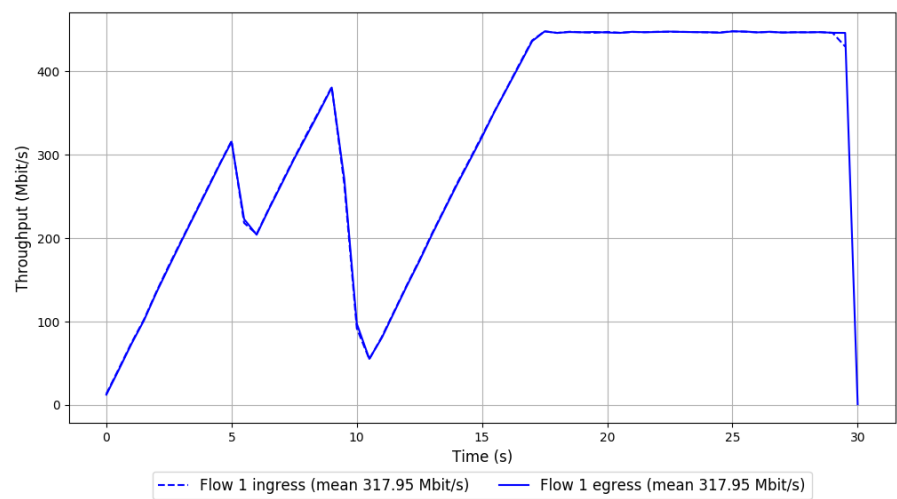


Run 6: Statistics of LEDBAT

Start at: 2018-01-16 16:32:52
End at: 2018-01-16 16:33:22
Local clock offset: -5.168 ms
Remote clock offset: -2.771 ms

Below is generated by plot.py at 2018-01-16 21:11:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 317.95 Mbit/s
95th percentile per-packet one-way delay: 19.007 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 317.95 Mbit/s
95th percentile per-packet one-way delay: 19.007 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

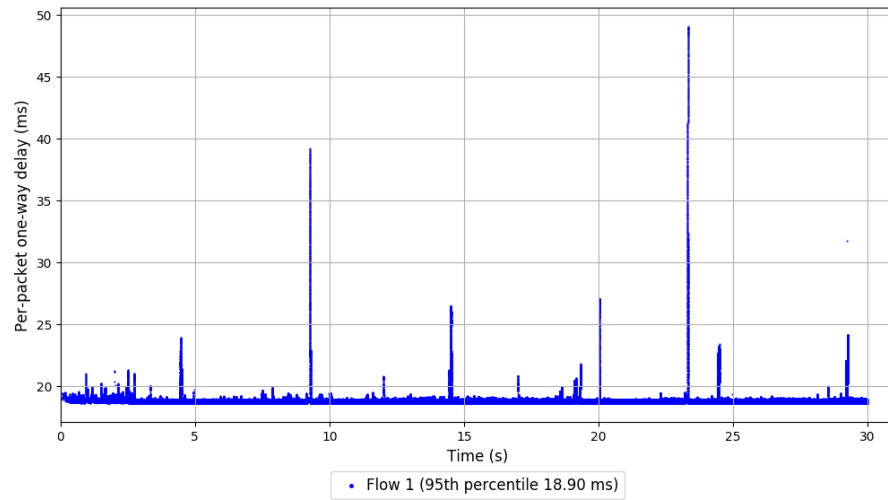
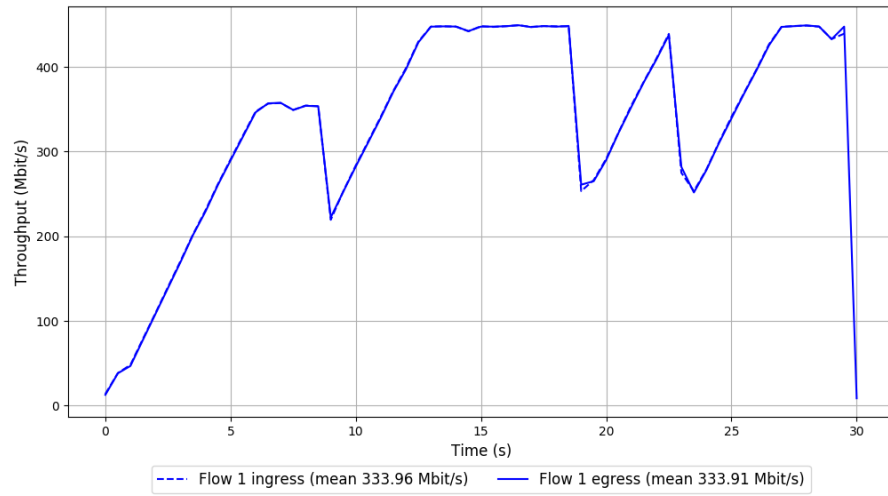


Run 7: Statistics of LEDBAT

Start at: 2018-01-16 16:58:28
End at: 2018-01-16 16:58:58
Local clock offset: -5.145 ms
Remote clock offset: -2.356 ms

Below is generated by plot.py at 2018-01-16 21:12:12
Datalink statistics
-- Total of 1 flow:
Average throughput: 333.91 Mbit/s
95th percentile per-packet one-way delay: 18.900 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 333.91 Mbit/s
95th percentile per-packet one-way delay: 18.900 ms
Loss rate: 0.01%

Run 7: Report of LEDBAT — Data Link

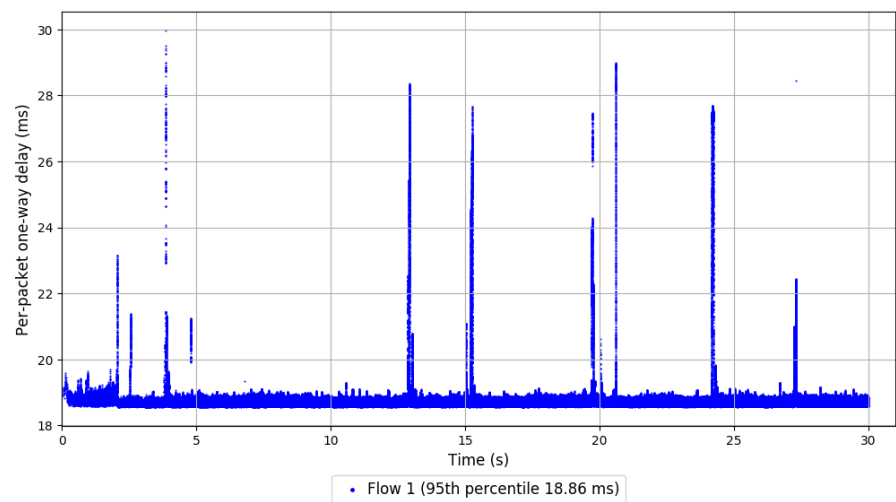
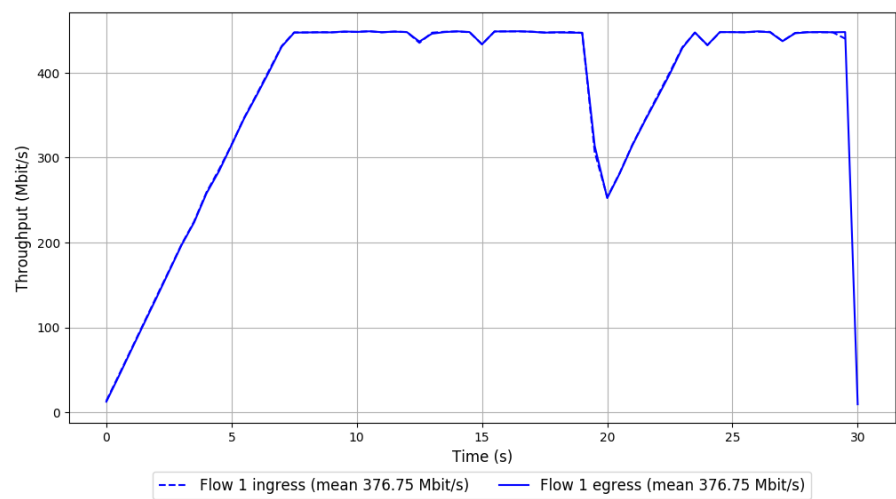


Run 8: Statistics of LEDBAT

Start at: 2018-01-16 17:24:04
End at: 2018-01-16 17:24:34
Local clock offset: -5.245 ms
Remote clock offset: -2.861 ms

Below is generated by plot.py at 2018-01-16 21:12:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 376.75 Mbit/s
95th percentile per-packet one-way delay: 18.864 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 376.75 Mbit/s
95th percentile per-packet one-way delay: 18.864 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

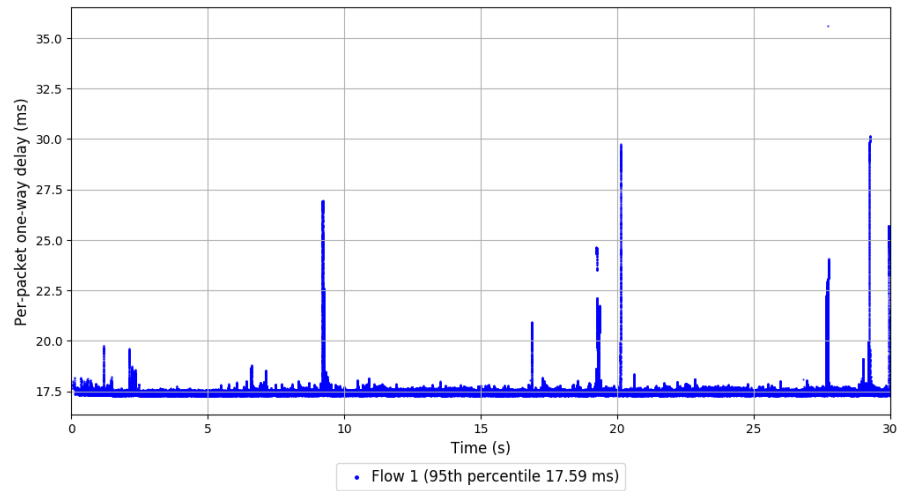
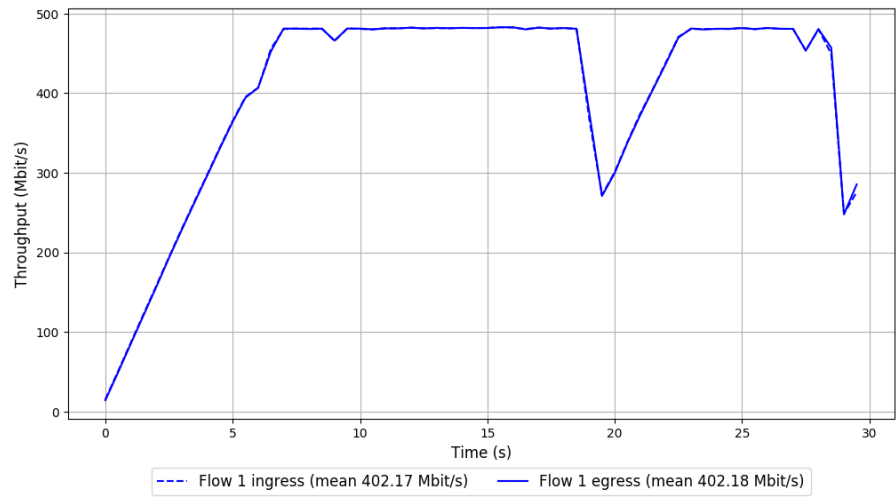


Run 9: Statistics of LEDBAT

Start at: 2018-01-16 17:49:54
End at: 2018-01-16 17:50:24
Local clock offset: -5.488 ms
Remote clock offset: -3.521 ms

Below is generated by plot.py at 2018-01-16 21:13:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 402.18 Mbit/s
95th percentile per-packet one-way delay: 17.592 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 402.18 Mbit/s
95th percentile per-packet one-way delay: 17.592 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

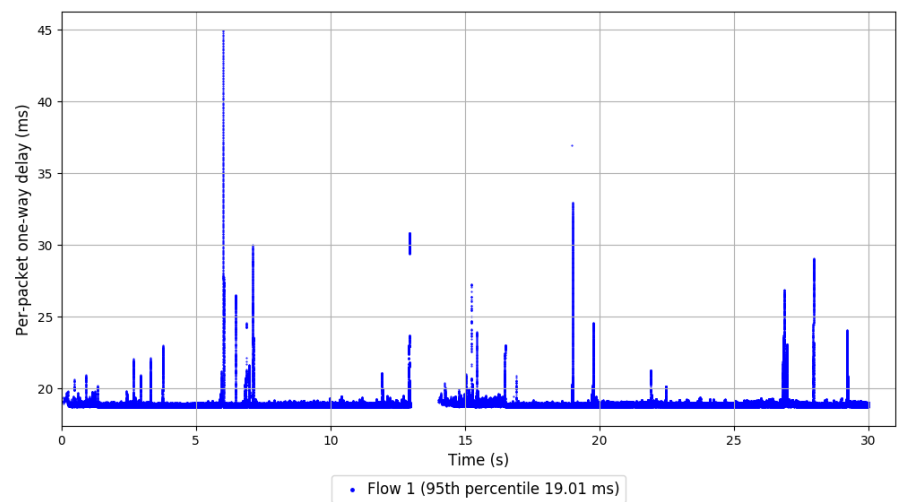
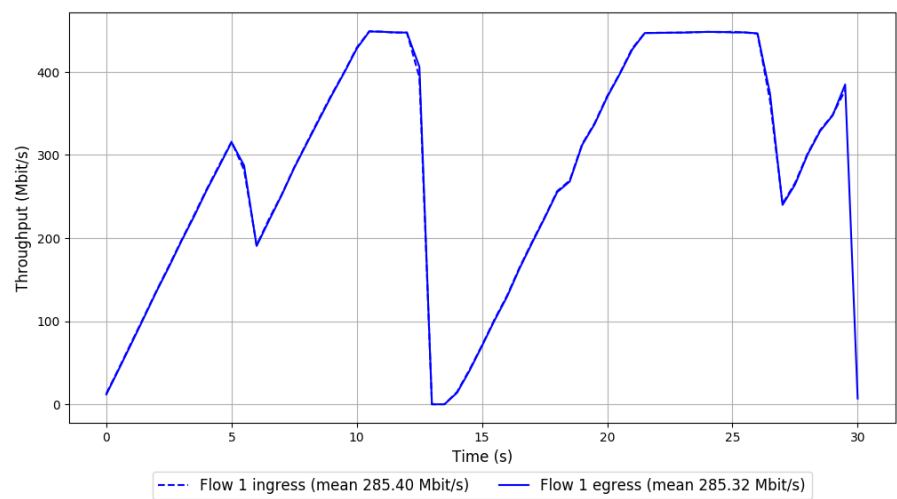


Run 10: Statistics of LEDBAT

Start at: 2018-01-16 18:15:34
End at: 2018-01-16 18:16:04
Local clock offset: -5.561 ms
Remote clock offset: -3.835 ms

Below is generated by plot.py at 2018-01-16 21:13:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 285.32 Mbit/s
95th percentile per-packet one-way delay: 19.008 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 285.32 Mbit/s
95th percentile per-packet one-way delay: 19.008 ms
Loss rate: 0.03%

Run 10: Report of LEDBAT — Data Link

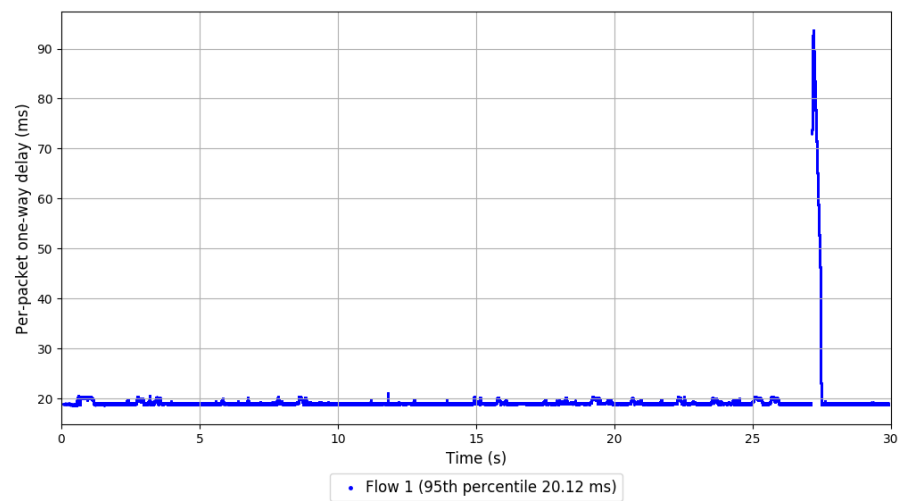
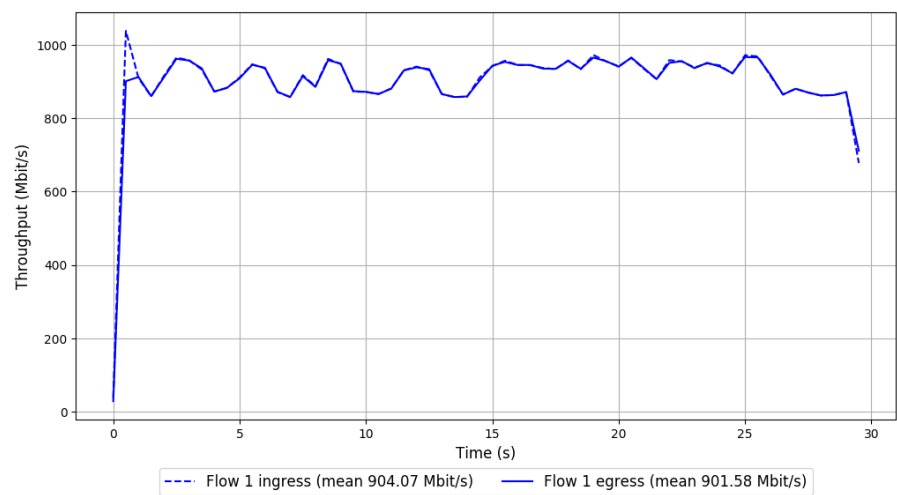


Run 1: Statistics of PCC

Start at: 2018-01-16 14:38:22
End at: 2018-01-16 14:38:52
Local clock offset: -3.136 ms
Remote clock offset: -2.273 ms

Below is generated by plot.py at 2018-01-16 21:19:52
Datalink statistics
-- Total of 1 flow:
Average throughput: 901.58 Mbit/s
95th percentile per-packet one-way delay: 20.123 ms
Loss rate: 0.28%
-- Flow 1:
Average throughput: 901.58 Mbit/s
95th percentile per-packet one-way delay: 20.123 ms
Loss rate: 0.28%

Run 1: Report of PCC — Data Link

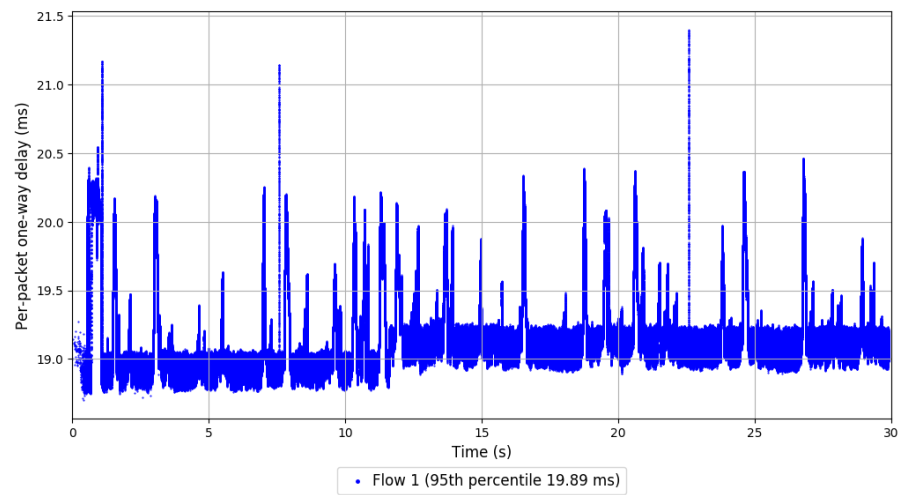
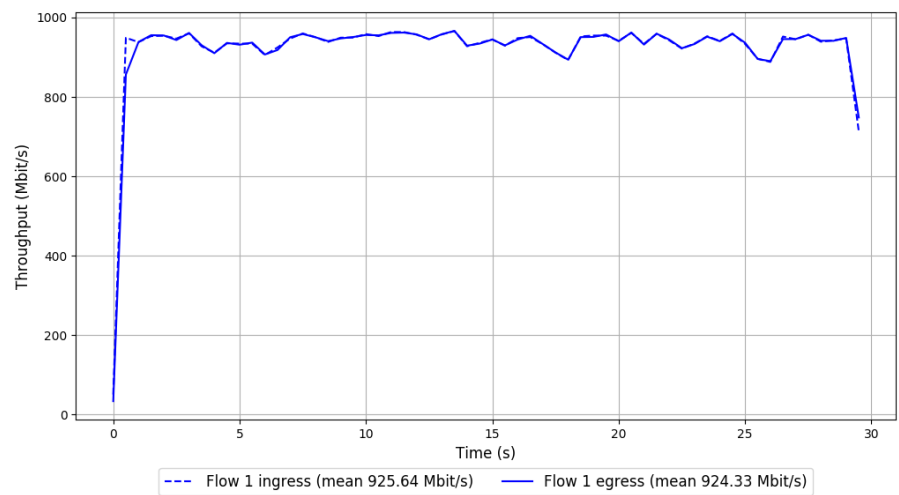


Run 2: Statistics of PCC

Start at: 2018-01-16 15:03:40
End at: 2018-01-16 15:04:10
Local clock offset: -3.597 ms
Remote clock offset: -2.196 ms

Below is generated by plot.py at 2018-01-16 21:21:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 924.33 Mbit/s
95th percentile per-packet one-way delay: 19.887 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 924.33 Mbit/s
95th percentile per-packet one-way delay: 19.887 ms
Loss rate: 0.14%

Run 2: Report of PCC — Data Link

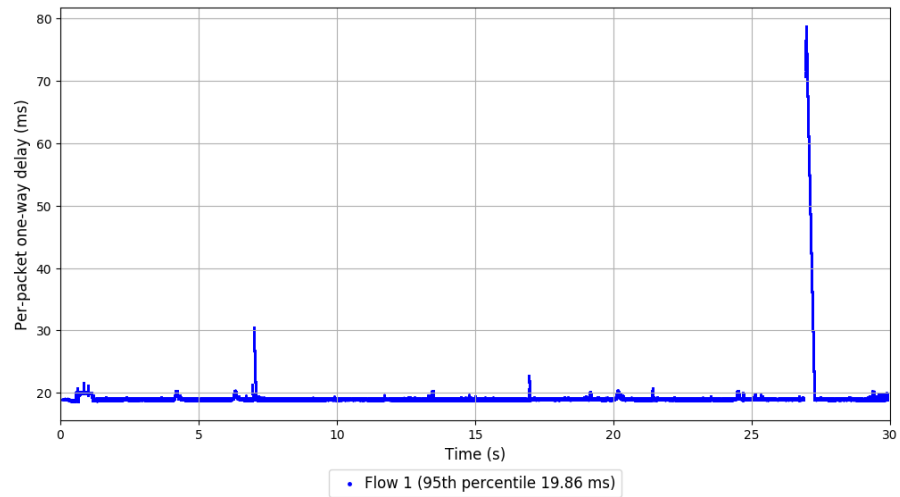
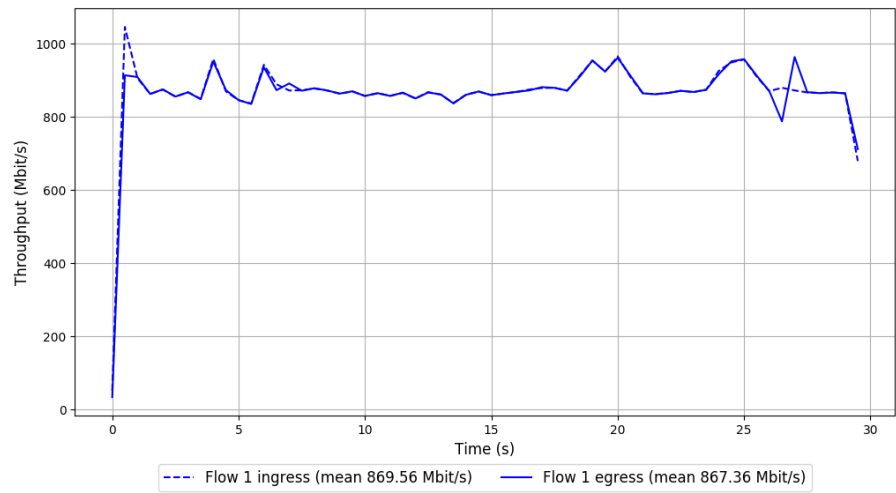


Run 3: Statistics of PCC

Start at: 2018-01-16 15:29:31
End at: 2018-01-16 15:30:01
Local clock offset: -4.139 ms
Remote clock offset: -2.485 ms

Below is generated by plot.py at 2018-01-16 21:21:59
Datalink statistics
-- Total of 1 flow:
Average throughput: 867.36 Mbit/s
95th percentile per-packet one-way delay: 19.856 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 867.36 Mbit/s
95th percentile per-packet one-way delay: 19.856 ms
Loss rate: 0.25%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2018-01-16 15:54:16

End at: 2018-01-16 15:54:46

Local clock offset: -4.633 ms

Remote clock offset: -2.52 ms

Below is generated by plot.py at 2018-01-16 21:24:41

Datalink statistics

-- Total of 1 flow:

Average throughput: 907.30 Mbit/s

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

Loss rate: 0.53%

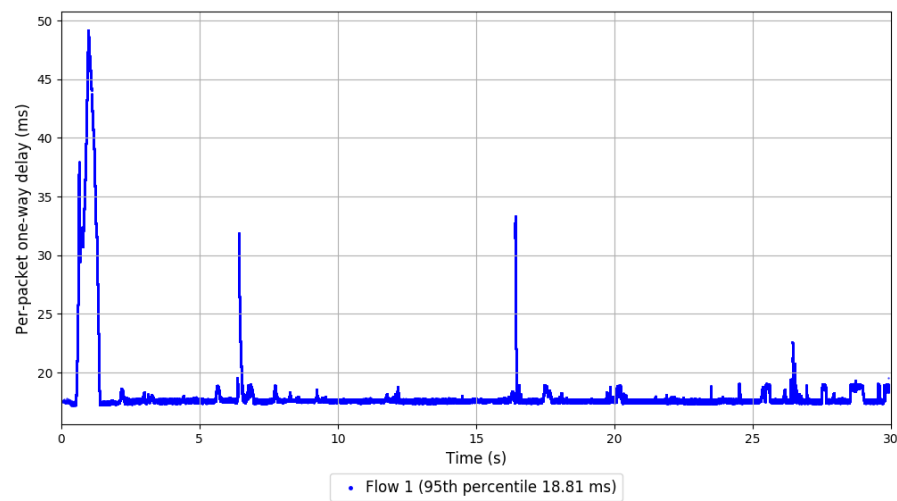
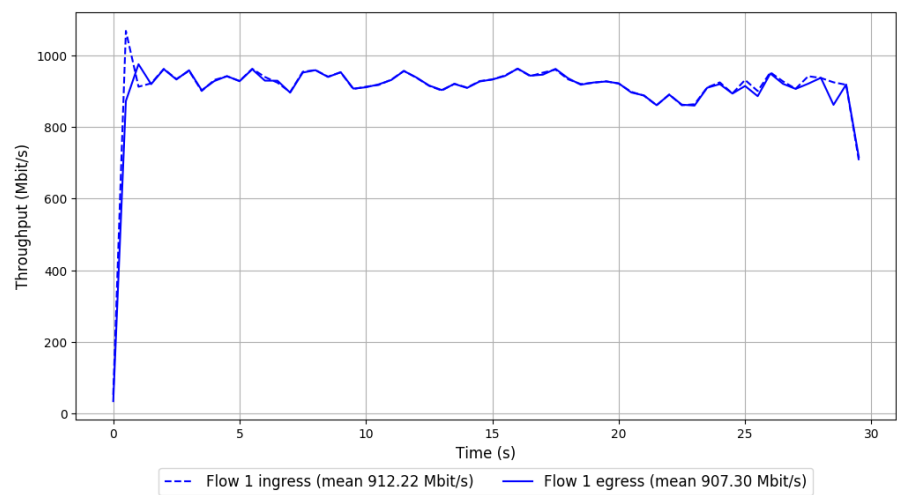
-- Flow 1:

Average throughput: 907.30 Mbit/s

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

Loss rate: 0.53%

Run 4: Report of PCC — Data Link

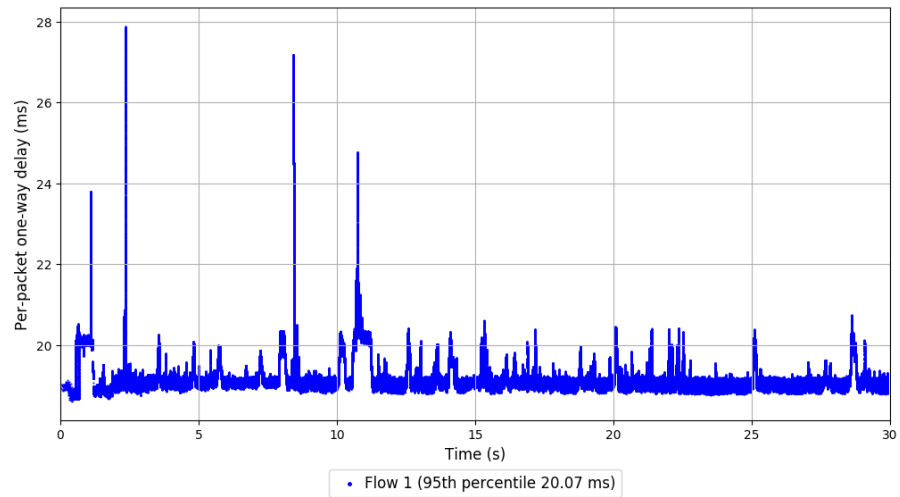
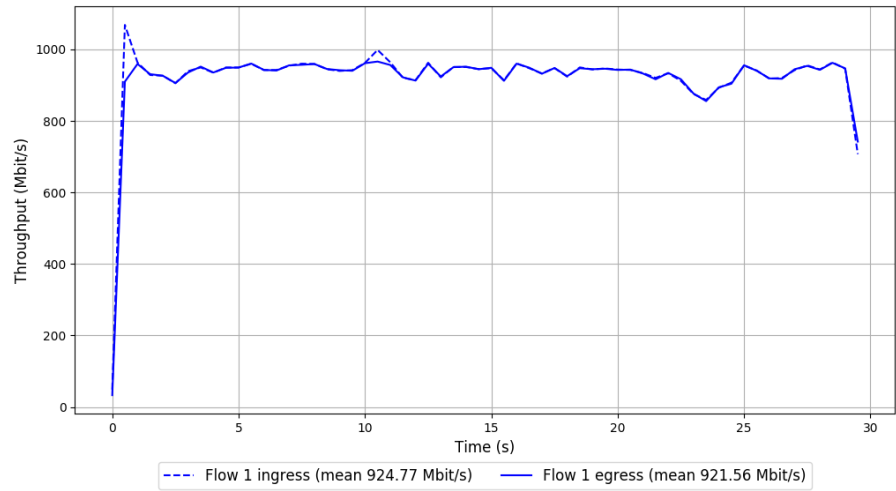


Run 5: Statistics of PCC

Start at: 2018-01-16 16:20:05
End at: 2018-01-16 16:20:35
Local clock offset: -5.024 ms
Remote clock offset: -2.919 ms

Below is generated by plot.py at 2018-01-16 21:25:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 921.56 Mbit/s
95th percentile per-packet one-way delay: 20.069 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 921.56 Mbit/s
95th percentile per-packet one-way delay: 20.069 ms
Loss rate: 0.35%

Run 5: Report of PCC — Data Link

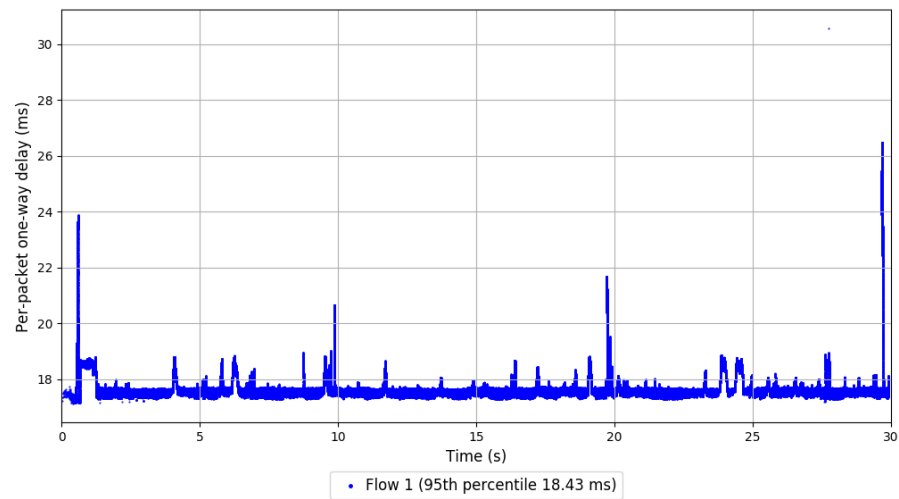
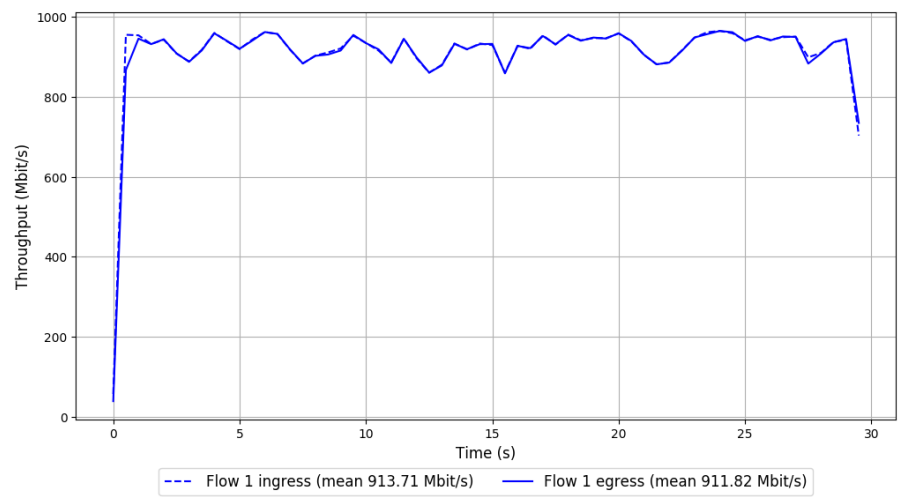


Run 6: Statistics of PCC

Start at: 2018-01-16 16:45:43
End at: 2018-01-16 16:46:13
Local clock offset: -5.132 ms
Remote clock offset: -2.617 ms

Below is generated by plot.py at 2018-01-16 21:25:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 911.82 Mbit/s
95th percentile per-packet one-way delay: 18.429 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 911.82 Mbit/s
95th percentile per-packet one-way delay: 18.429 ms
Loss rate: 0.21%

Run 6: Report of PCC — Data Link

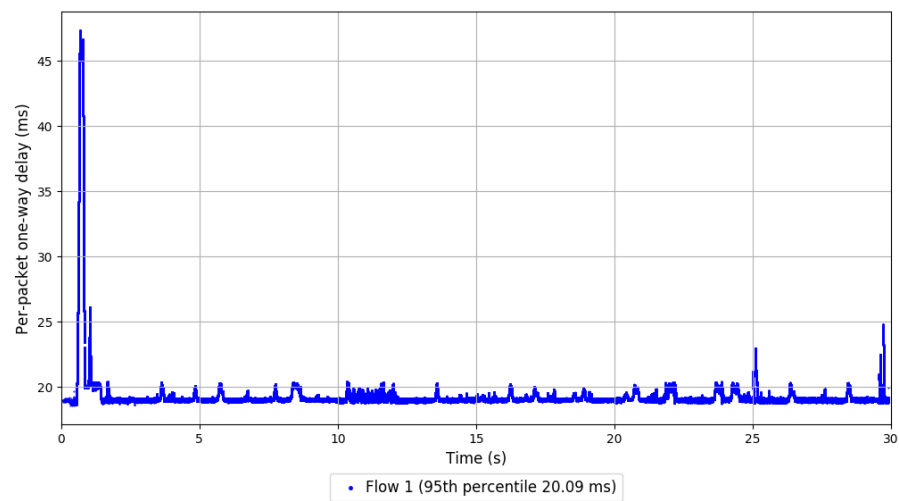
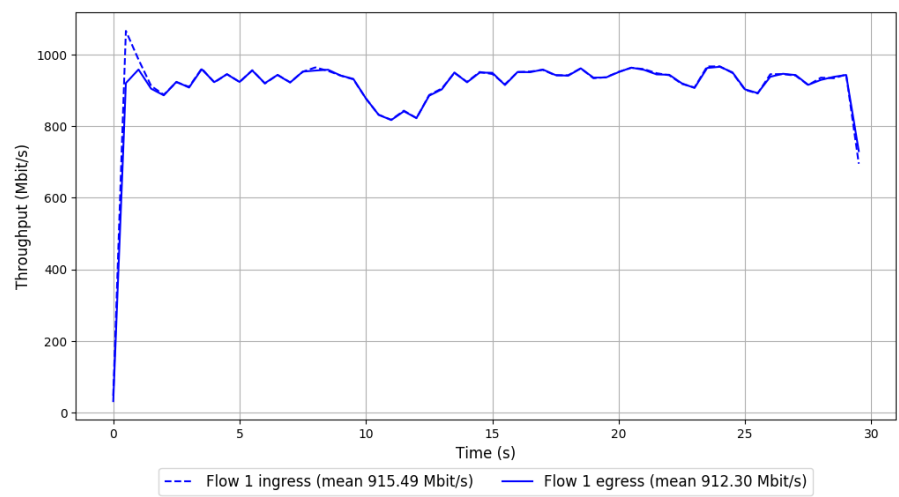


Run 7: Statistics of PCC

Start at: 2018-01-16 17:11:18
End at: 2018-01-16 17:11:48
Local clock offset: -5.176 ms
Remote clock offset: -2.415 ms

Below is generated by plot.py at 2018-01-16 21:25:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 912.30 Mbit/s
95th percentile per-packet one-way delay: 20.090 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 912.30 Mbit/s
95th percentile per-packet one-way delay: 20.090 ms
Loss rate: 0.35%

Run 7: Report of PCC — Data Link

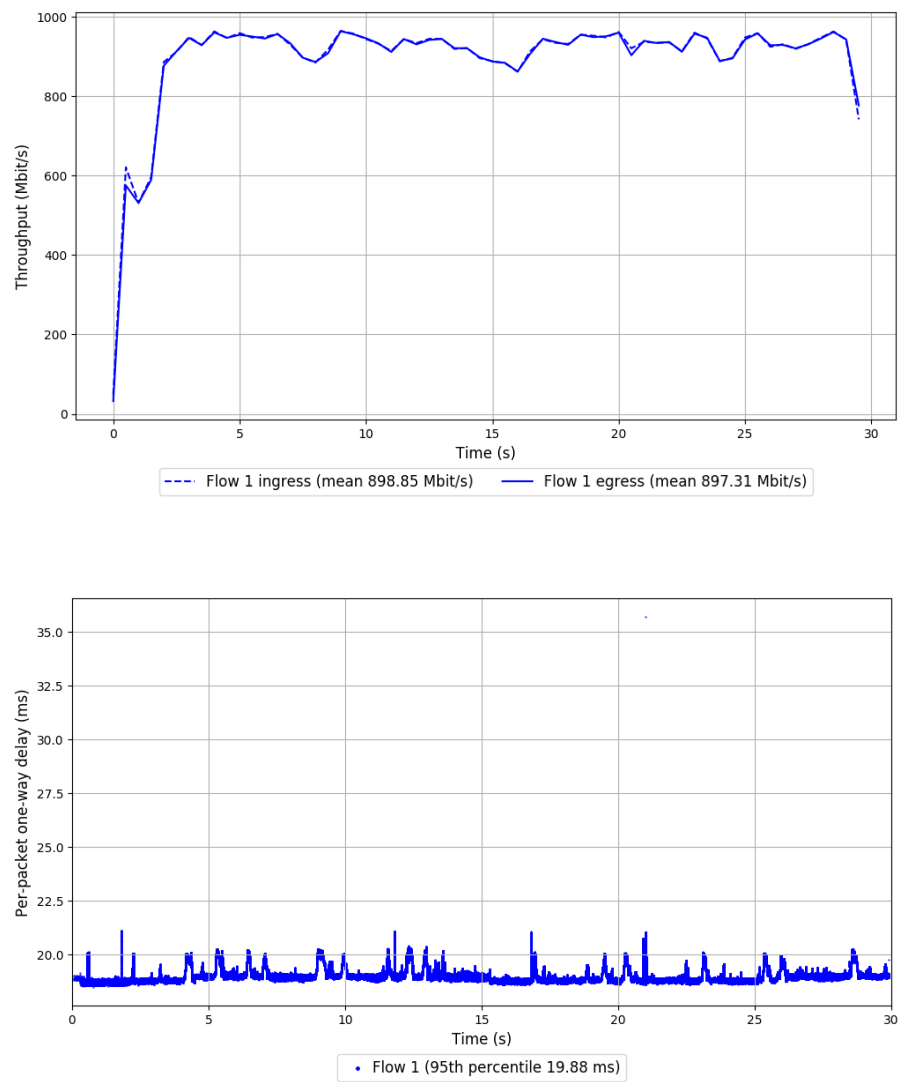


Run 8: Statistics of PCC

Start at: 2018-01-16 17:37:08
End at: 2018-01-16 17:37:38
Local clock offset: -5.343 ms
Remote clock offset: -3.265 ms

Below is generated by plot.py at 2018-01-16 21:25:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 897.31 Mbit/s
95th percentile per-packet one-way delay: 19.881 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 897.31 Mbit/s
95th percentile per-packet one-way delay: 19.881 ms
Loss rate: 0.17%

Run 8: Report of PCC — Data Link

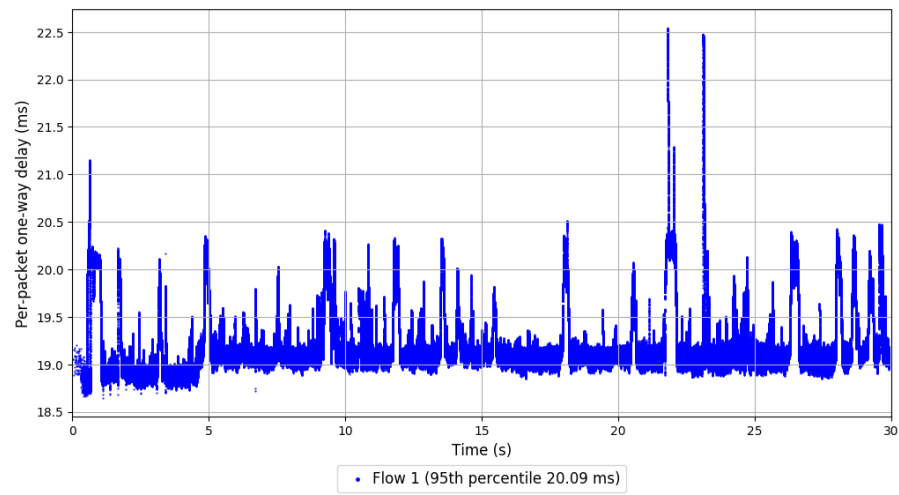
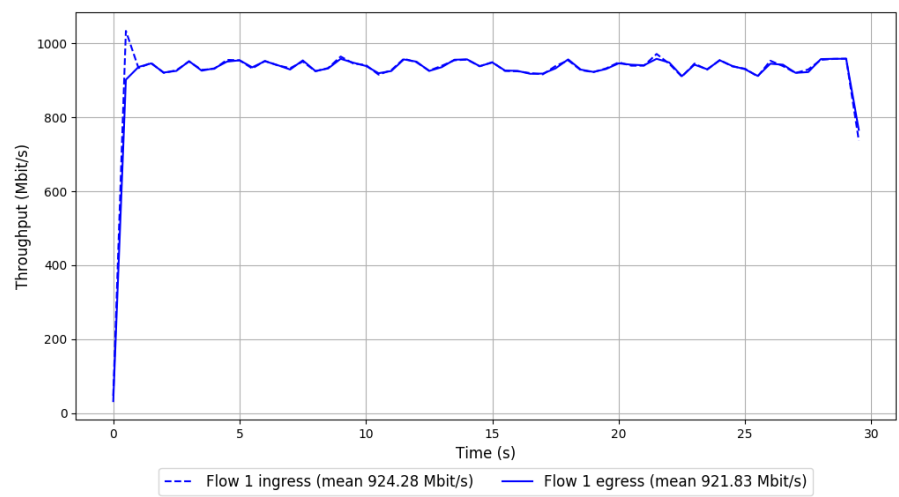


Run 9: Statistics of PCC

Start at: 2018-01-16 18:02:50
End at: 2018-01-16 18:03:20
Local clock offset: -5.565 ms
Remote clock offset: -3.628 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 921.83 Mbit/s
95th percentile per-packet one-way delay: 20.092 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 921.83 Mbit/s
95th percentile per-packet one-way delay: 20.092 ms
Loss rate: 0.26%

Run 9: Report of PCC — Data Link

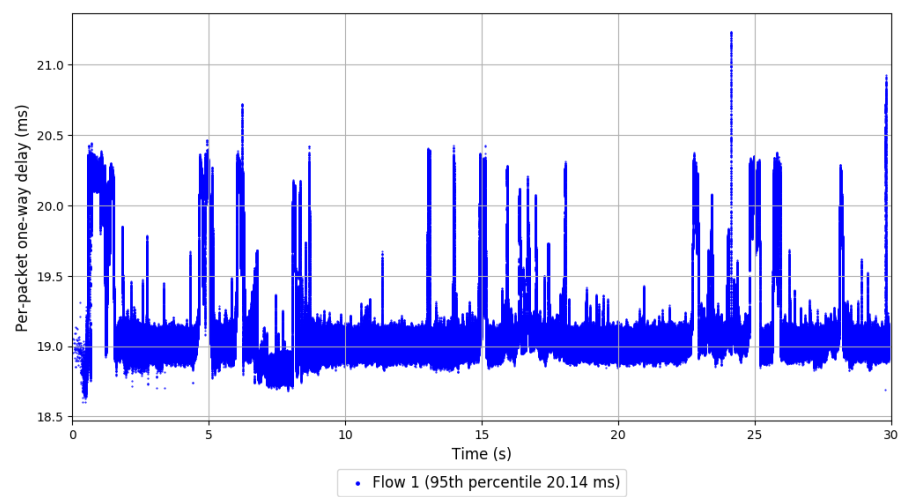
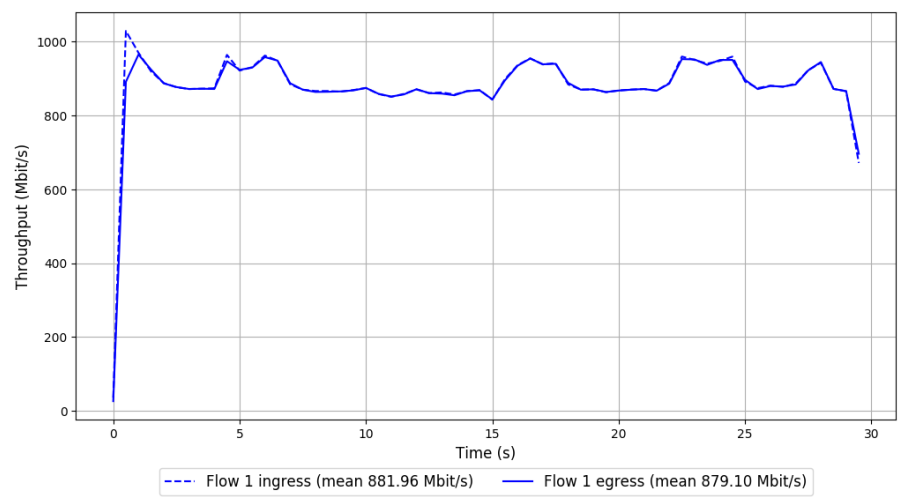


Run 10: Statistics of PCC

Start at: 2018-01-16 18:28:26
End at: 2018-01-16 18:28:56
Local clock offset: -5.456 ms
Remote clock offset: -4.017 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 879.10 Mbit/s
95th percentile per-packet one-way delay: 20.135 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 879.10 Mbit/s
95th percentile per-packet one-way delay: 20.135 ms
Loss rate: 0.32%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

Start at: 2018-01-16 14:20:25

End at: 2018-01-16 14:20:56

Local clock offset: -3.703 ms

Remote clock offset: -1.721 ms

Below is generated by plot.py at 2018-01-16 21:34:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 82.38 Mbit/s

95th percentile per-packet one-way delay: 18.926 ms

Loss rate: 0.01%

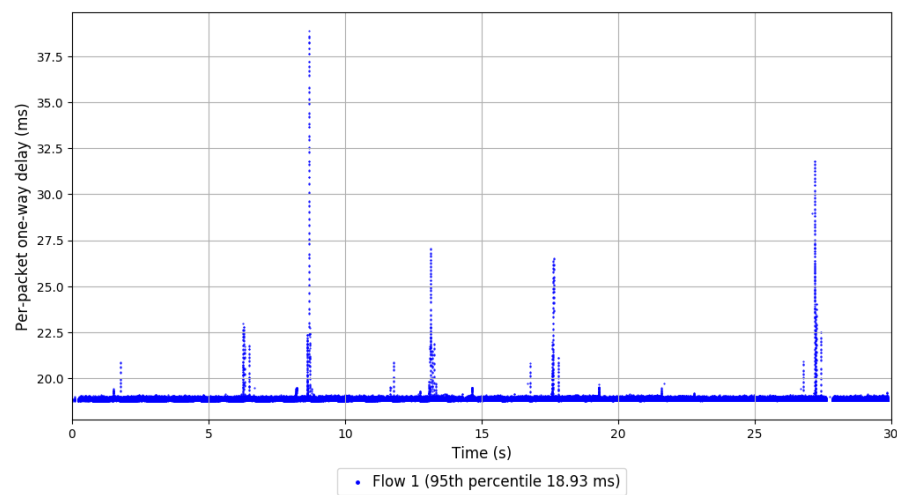
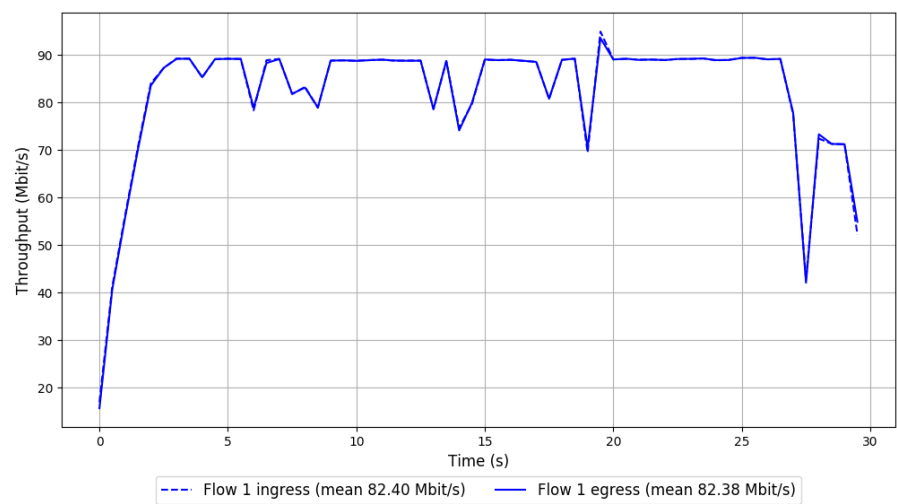
-- Flow 1:

Average throughput: 82.38 Mbit/s

95th percentile per-packet one-way delay: 18.926 ms

Loss rate: 0.01%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-01-16 14:45:54

End at: 2018-01-16 14:46:24

Local clock offset: -3.18 ms

Remote clock offset: -2.323 ms

Below is generated by plot.py at 2018-01-16 21:34:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.55 Mbit/s

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

Loss rate: 0.00%

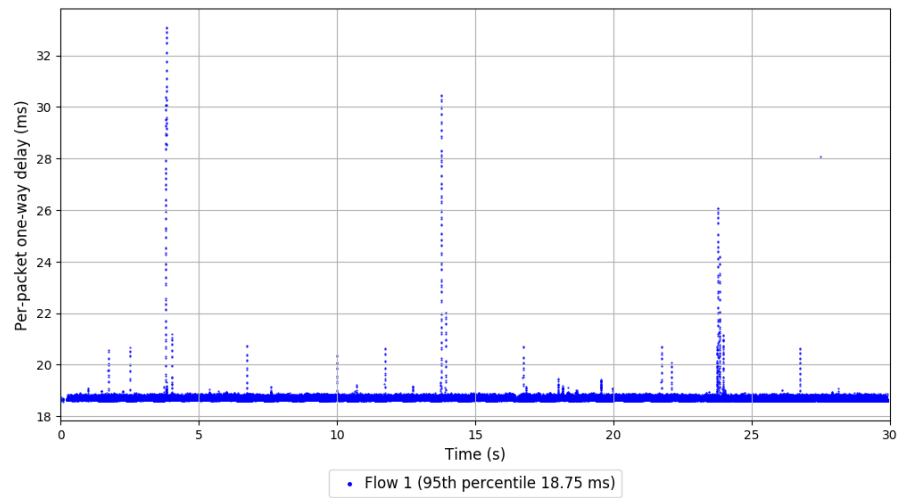
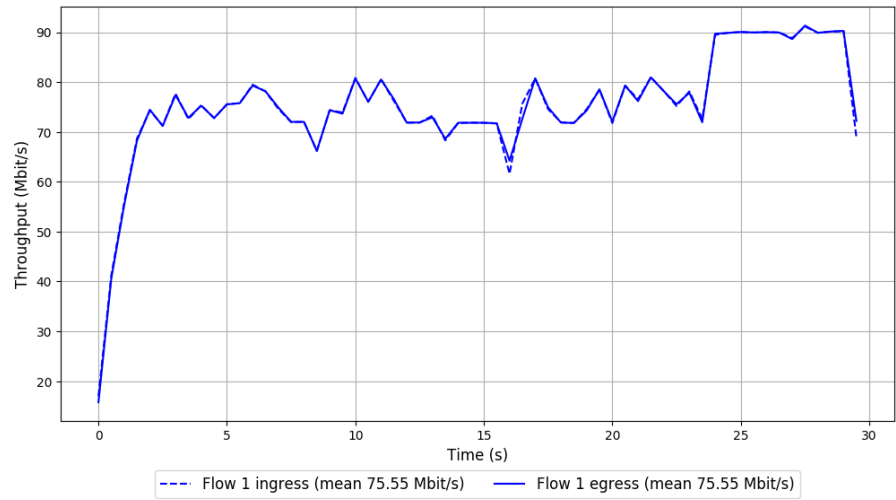
-- Flow 1:

Average throughput: 75.55 Mbit/s

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

Loss rate: 0.00%

Run 2: Report of QUIC Cubic — Data Link

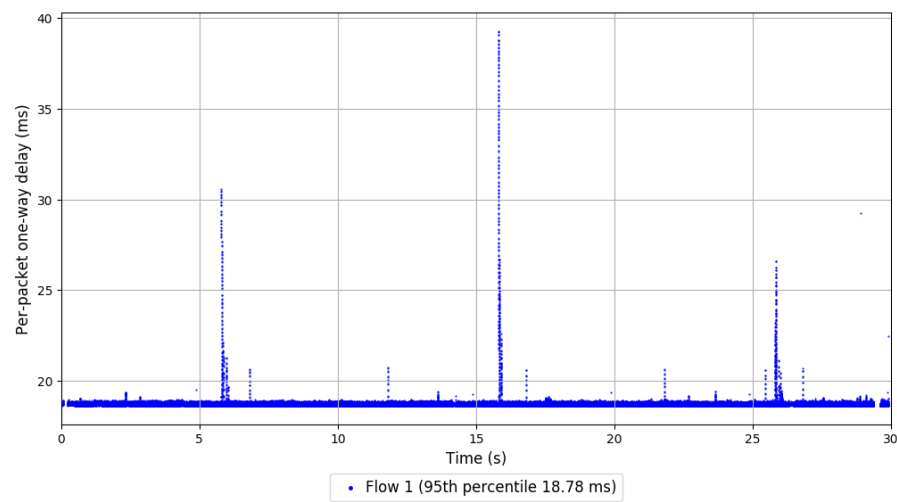
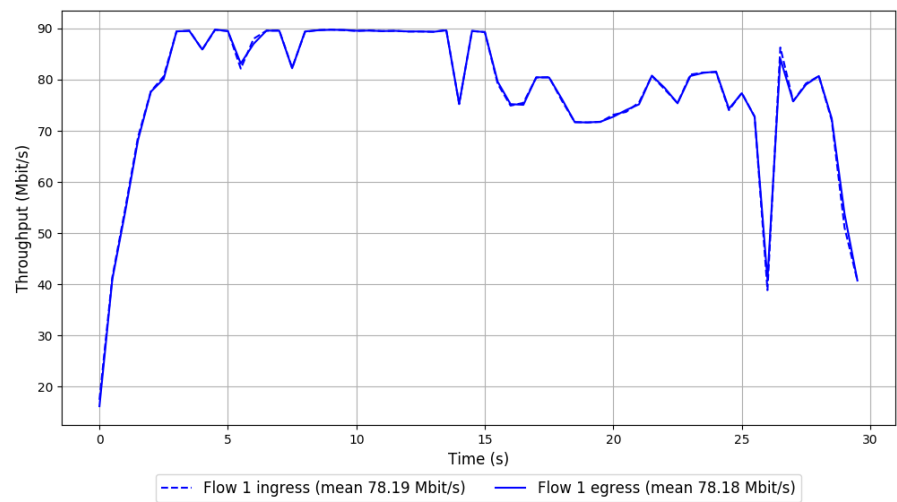


Run 3: Statistics of QUIC Cubic

Start at: 2018-01-16 15:11:27
End at: 2018-01-16 15:11:57
Local clock offset: -3.718 ms
Remote clock offset: -2.119 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 78.18 Mbit/s
95th percentile per-packet one-way delay: 18.779 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 78.18 Mbit/s
95th percentile per-packet one-way delay: 18.779 ms
Loss rate: 0.00%

Run 3: Report of QUIC Cubic — Data Link

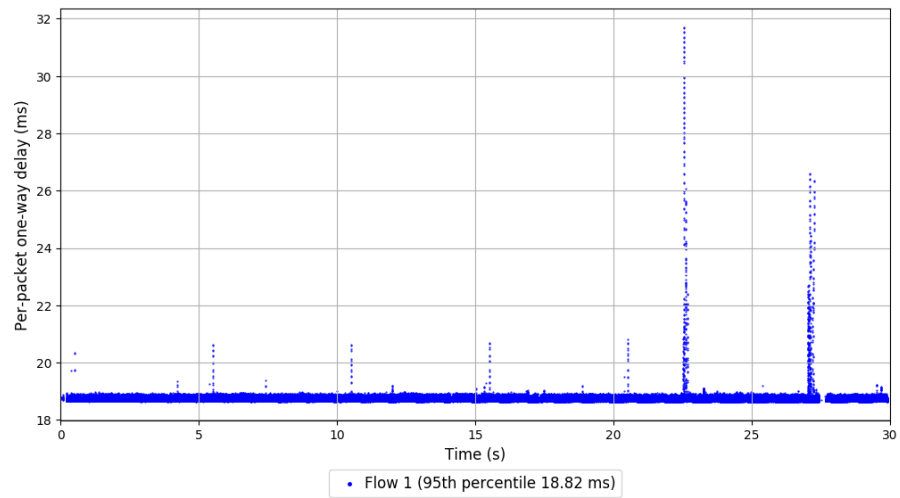
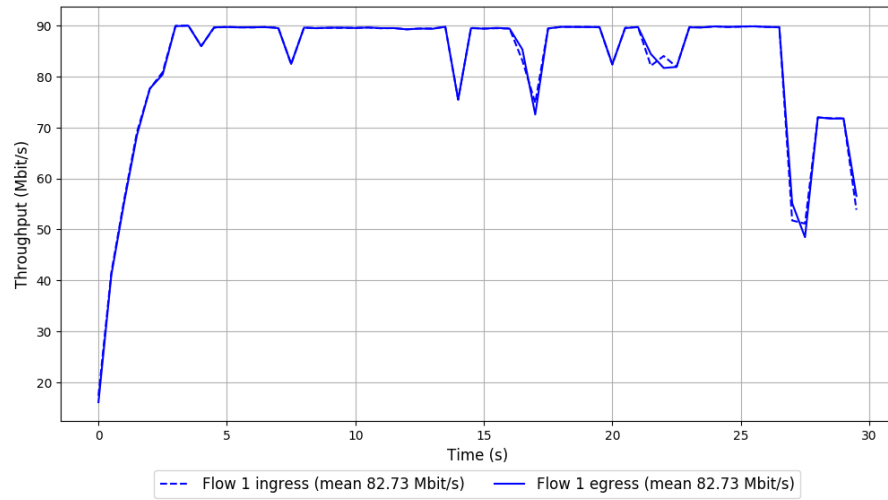


Run 4: Statistics of QUIC Cubic

Start at: 2018-01-16 15:36:51
End at: 2018-01-16 15:37:21
Local clock offset: -4.362 ms
Remote clock offset: -2.683 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 82.73 Mbit/s
95th percentile per-packet one-way delay: 18.823 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 82.73 Mbit/s
95th percentile per-packet one-way delay: 18.823 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link

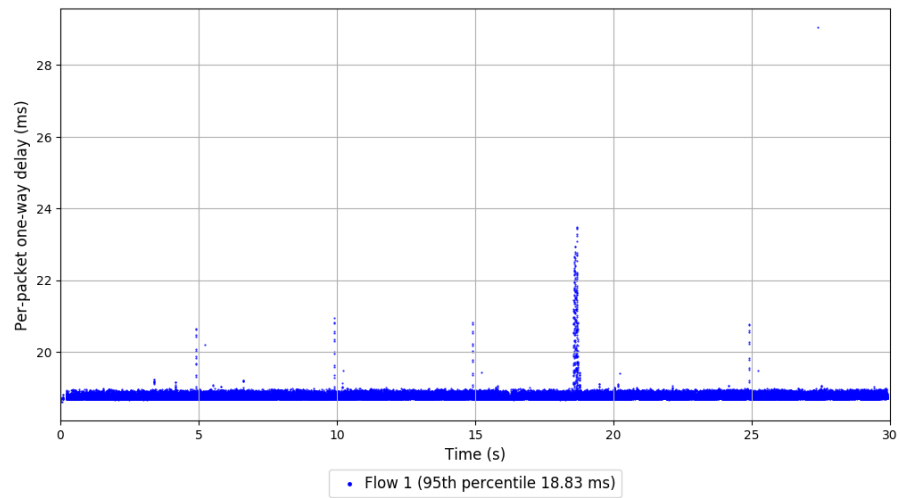
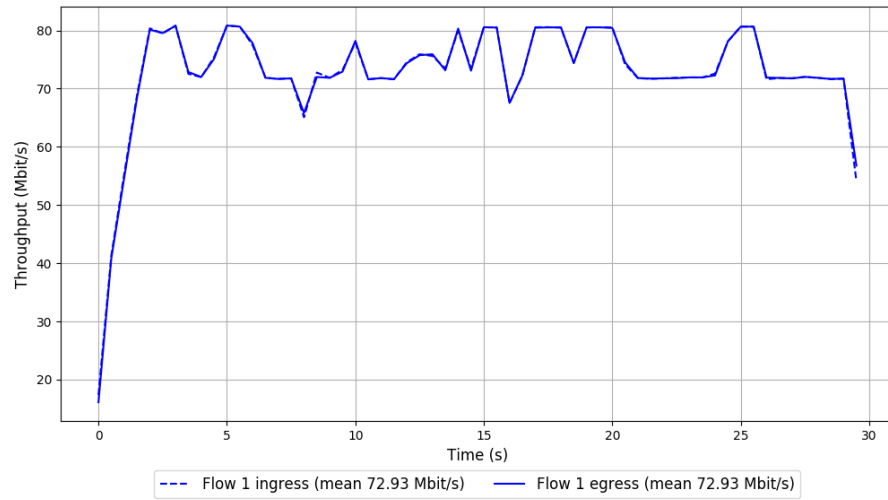


Run 5: Statistics of QUIC Cubic

Start at: 2018-01-16 16:02:07
End at: 2018-01-16 16:02:37
Local clock offset: -4.767 ms
Remote clock offset: -2.655 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 72.93 Mbit/s
95th percentile per-packet one-way delay: 18.830 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.93 Mbit/s
95th percentile per-packet one-way delay: 18.830 ms
Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link

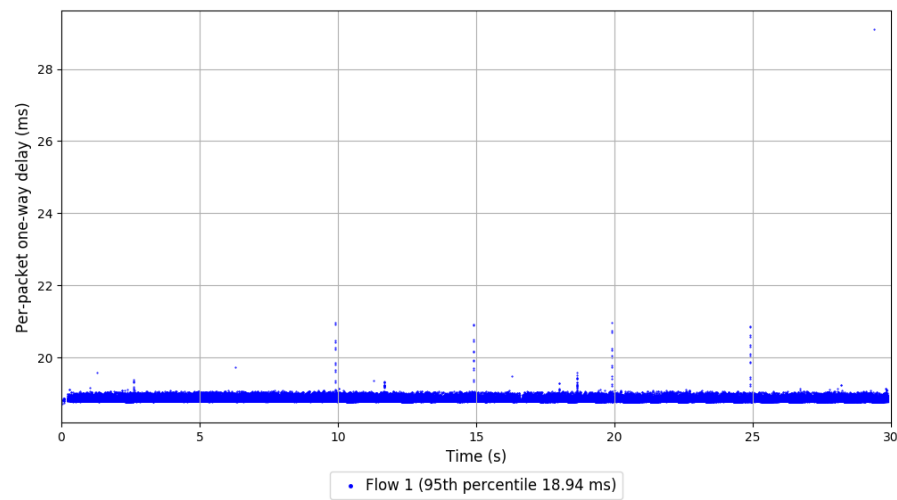
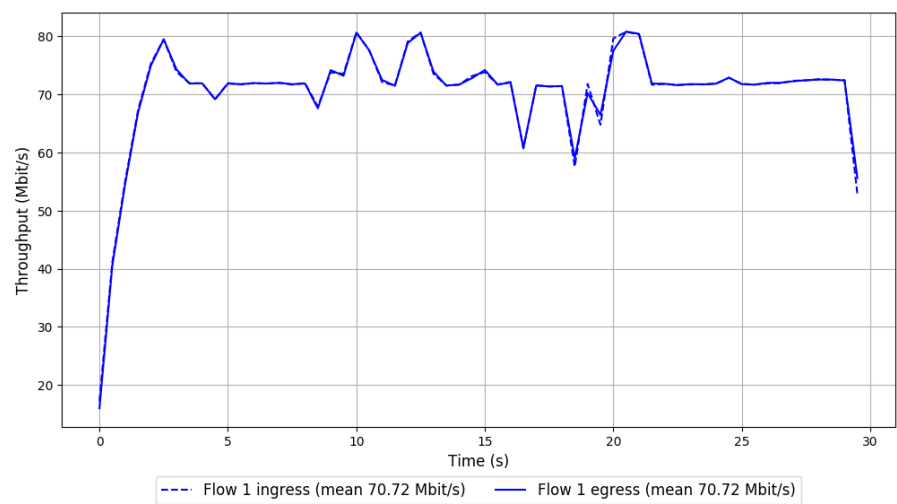


Run 6: Statistics of QUIC Cubic

Start at: 2018-01-16 16:27:50
End at: 2018-01-16 16:28:20
Local clock offset: -5.112 ms
Remote clock offset: -2.823 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 70.72 Mbit/s
95th percentile per-packet one-way delay: 18.938 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 70.72 Mbit/s
95th percentile per-packet one-way delay: 18.938 ms
Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link

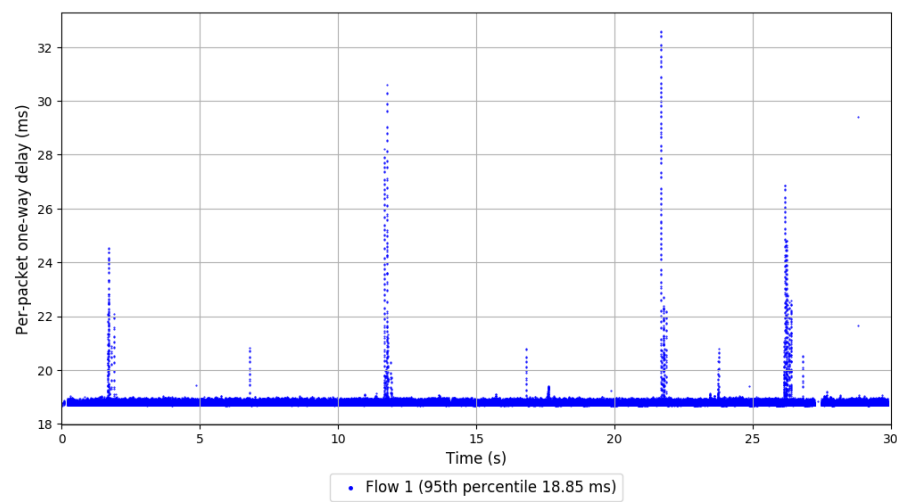
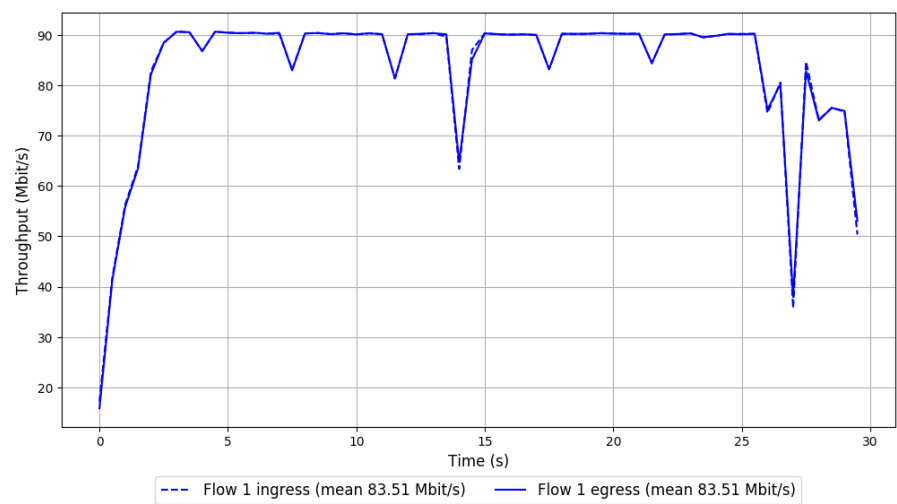


Run 7: Statistics of QUIC Cubic

Start at: 2018-01-16 16:53:26
End at: 2018-01-16 16:53:56
Local clock offset: -5.156 ms
Remote clock offset: -2.396 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.51 Mbit/s
95th percentile per-packet one-way delay: 18.854 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.51 Mbit/s
95th percentile per-packet one-way delay: 18.854 ms
Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-01-16 17:19:02

End at: 2018-01-16 17:19:32

Local clock offset: -5.218 ms

Remote clock offset: -2.599 ms

Below is generated by plot.py at 2018-01-16 21:34:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 74.02 Mbit/s

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

Loss rate: 0.00%

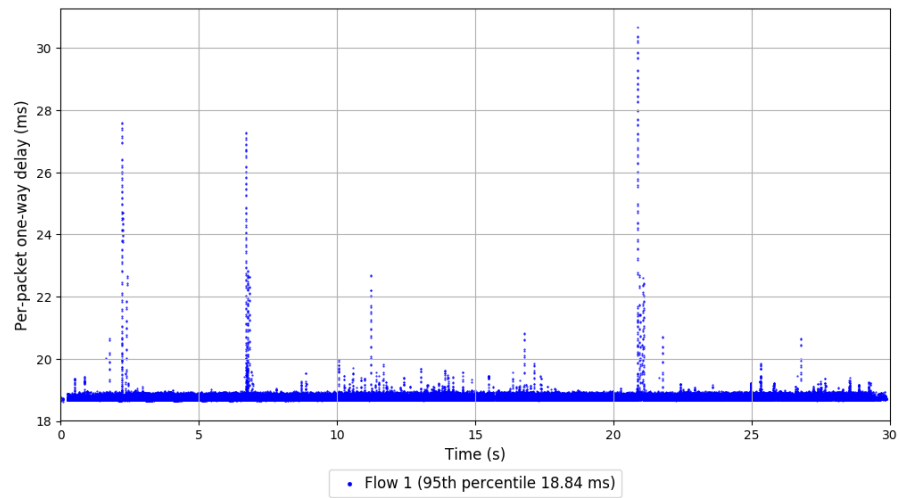
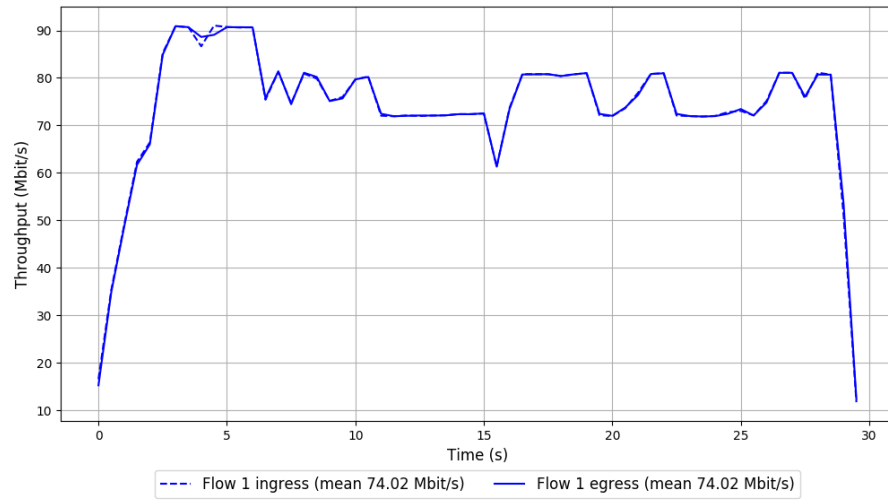
-- Flow 1:

Average throughput: 74.02 Mbit/s

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

Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link

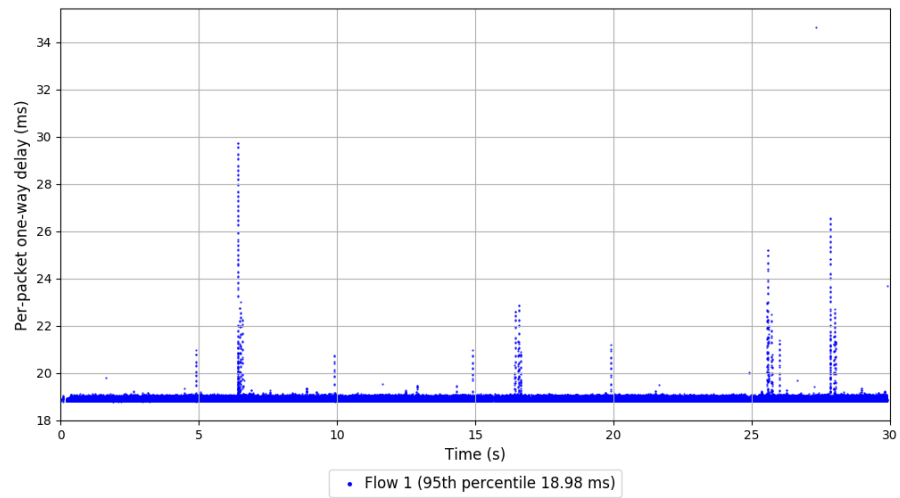
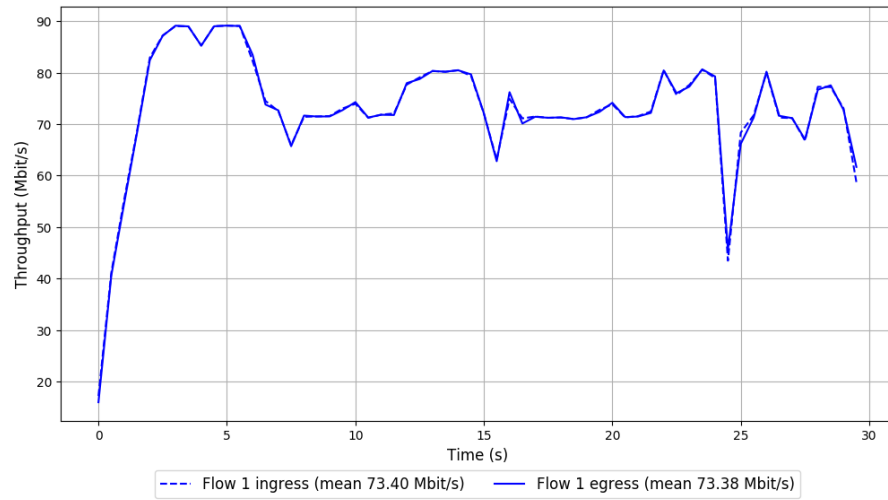


Run 9: Statistics of QUIC Cubic

Start at: 2018-01-16 17:44:51
End at: 2018-01-16 17:45:21
Local clock offset: -5.481 ms
Remote clock offset: -3.312 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 73.38 Mbit/s
95th percentile per-packet one-way delay: 18.981 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 73.38 Mbit/s
95th percentile per-packet one-way delay: 18.981 ms
Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-01-16 18:10:32

End at: 2018-01-16 18:11:02

Local clock offset: -5.57 ms

Remote clock offset: -3.739 ms

Below is generated by plot.py at 2018-01-16 21:34:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.84 Mbit/s

95th percentile per-packet one-way delay: 18.886 ms

Loss rate: 0.00%

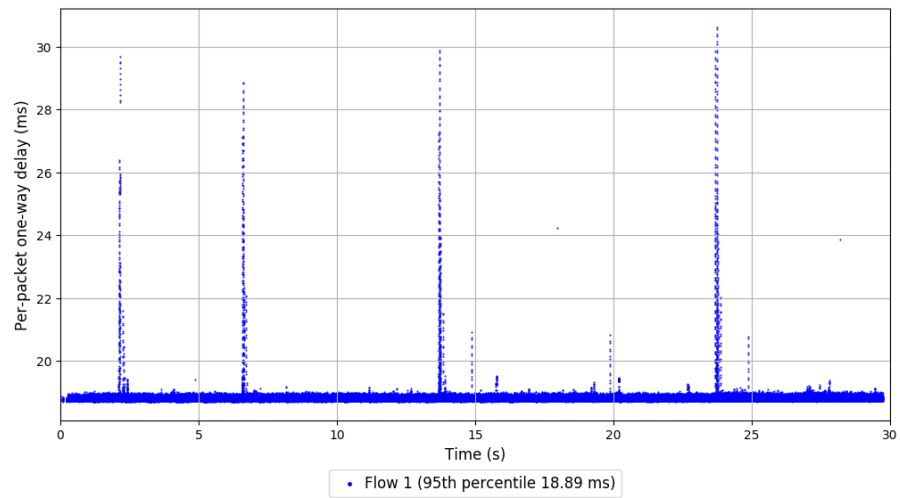
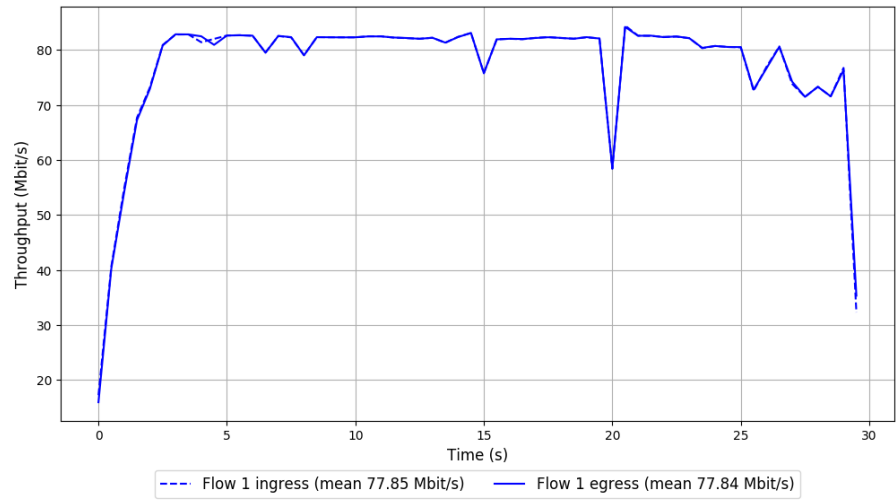
-- Flow 1:

Average throughput: 77.84 Mbit/s

95th percentile per-packet one-way delay: 18.886 ms

Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

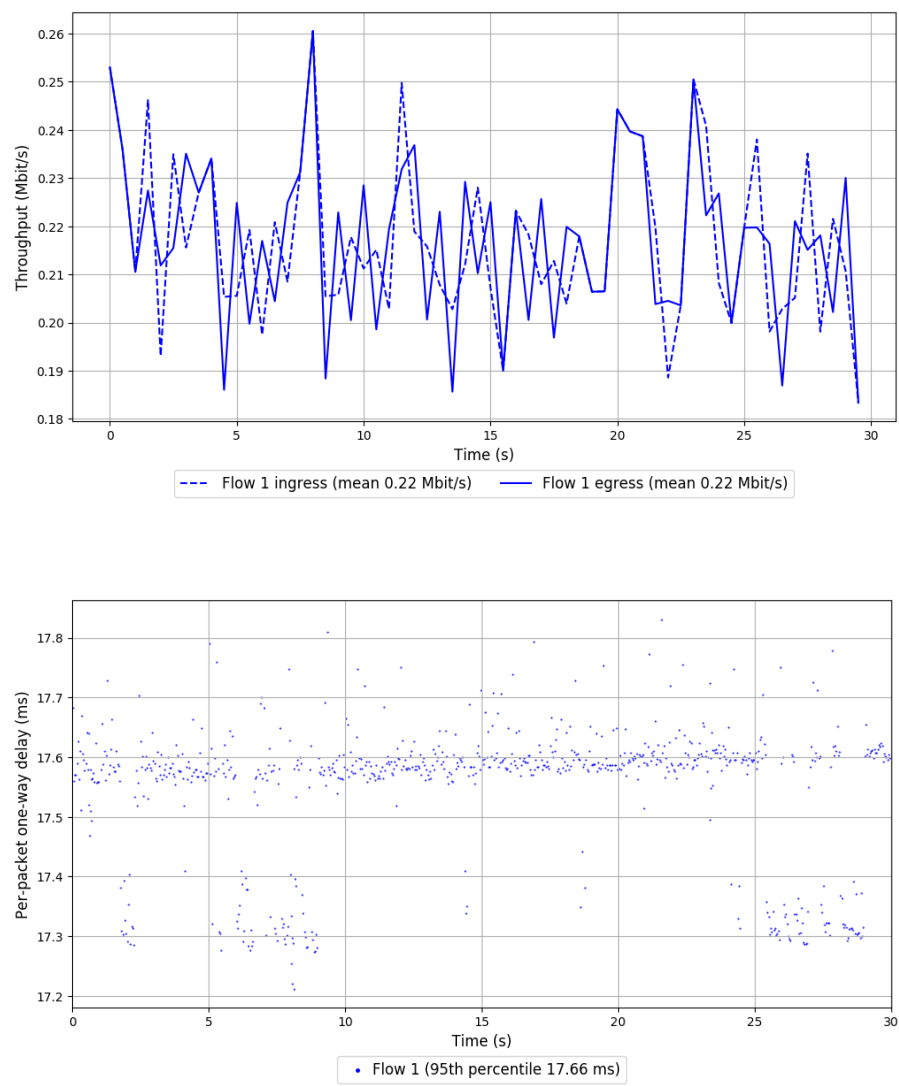


Run 1: Statistics of SCReAM

Start at: 2018-01-16 14:26:57
End at: 2018-01-16 14:27:27
Local clock offset: -3.309 ms
Remote clock offset: -1.845 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.665 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.665 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

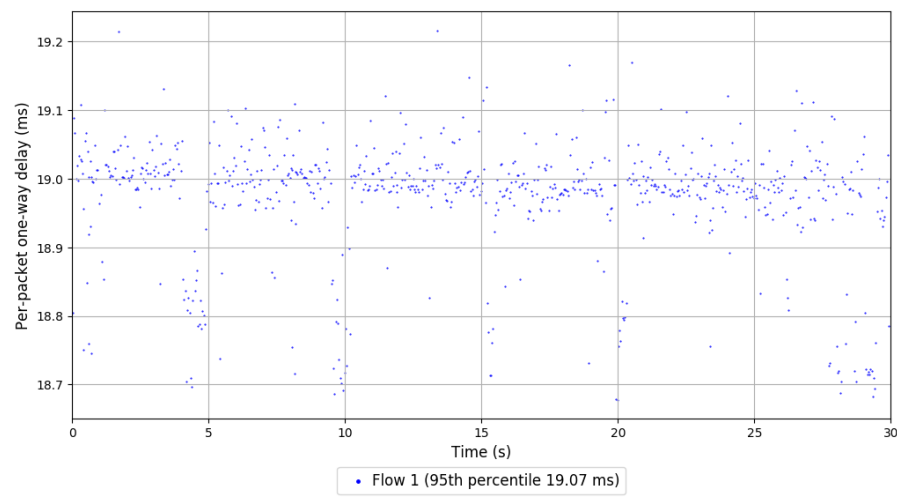
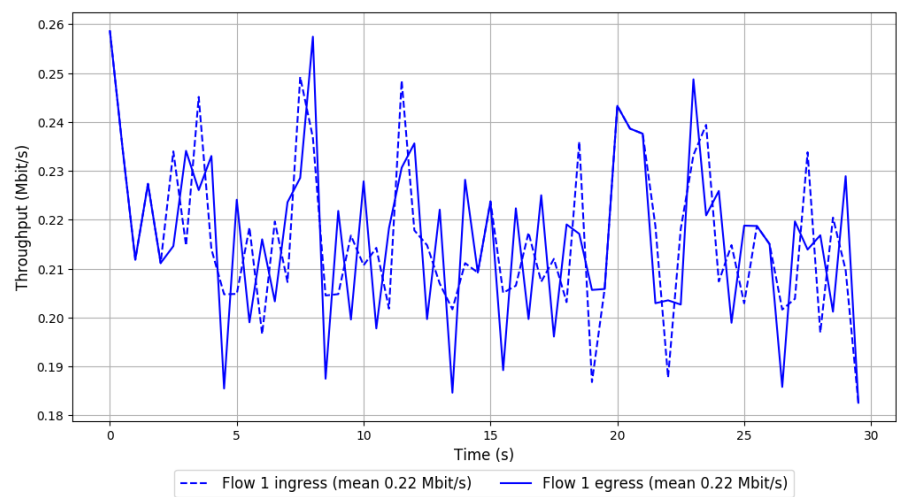


Run 2: Statistics of SCReAM

Start at: 2018-01-16 14:52:23
End at: 2018-01-16 14:52:53
Local clock offset: -3.261 ms
Remote clock offset: -2.181 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.074 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.074 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

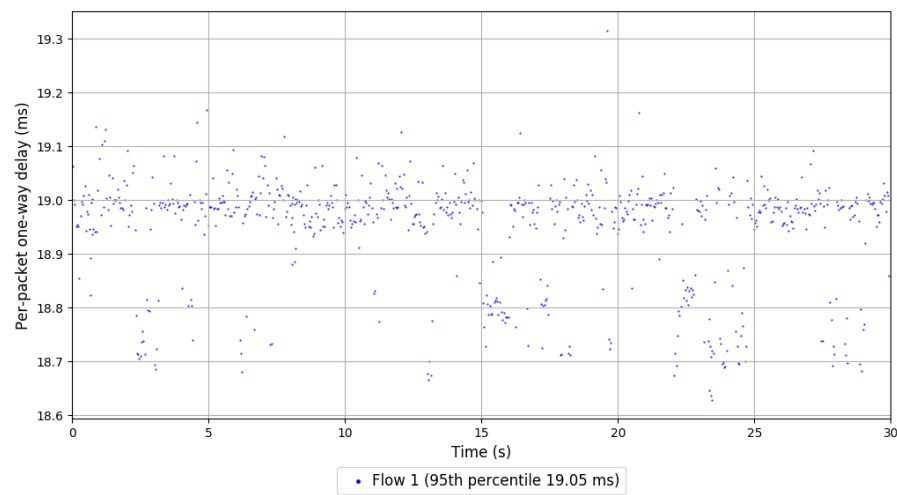
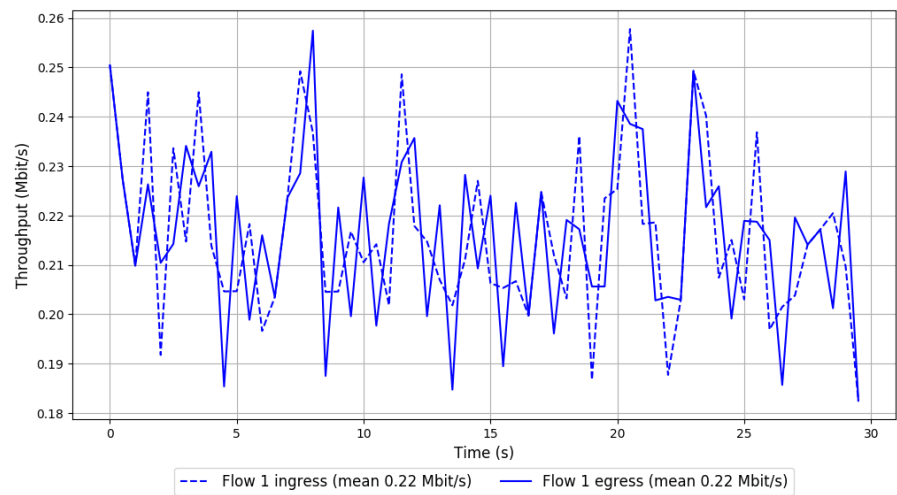


Run 3: Statistics of SCReAM

Start at: 2018-01-16 15:17:55
End at: 2018-01-16 15:18:25
Local clock offset: -3.948 ms
Remote clock offset: -2.188 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.050 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.050 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

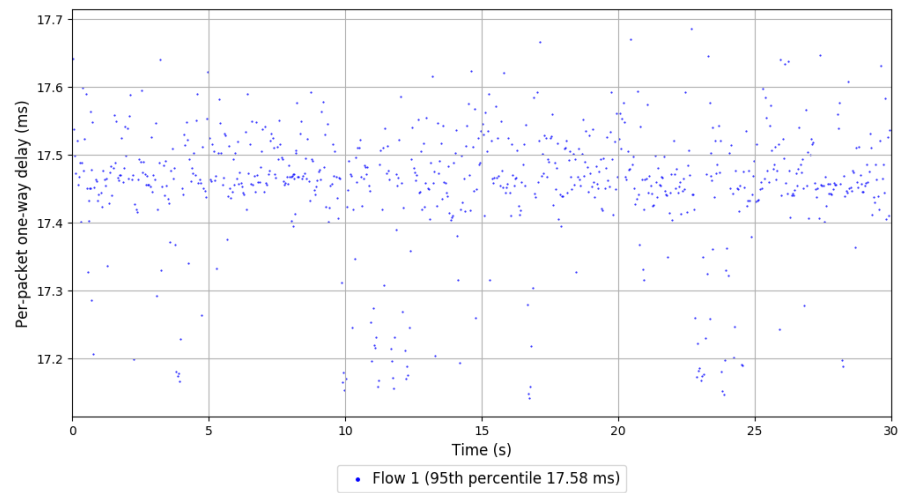
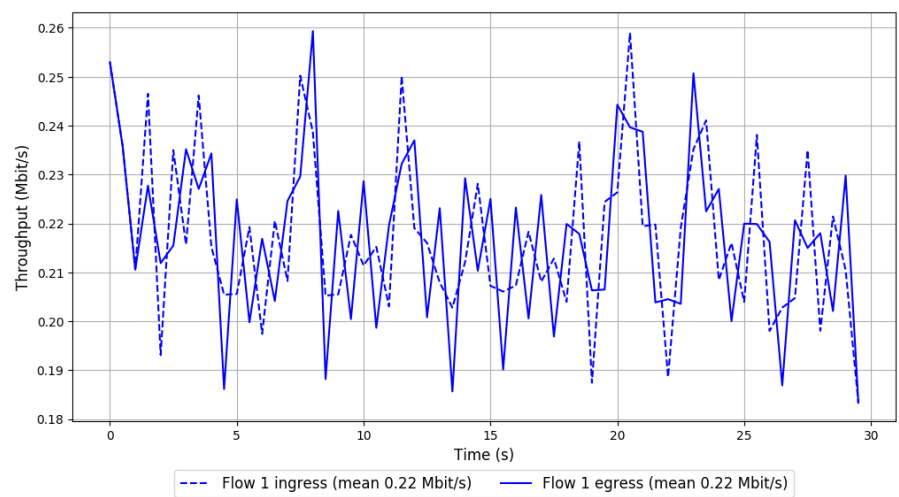


Run 4: Statistics of SCReAM

Start at: 2018-01-16 15:43:19
End at: 2018-01-16 15:43:49
Local clock offset: -4.37 ms
Remote clock offset: -2.576 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.576 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.576 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

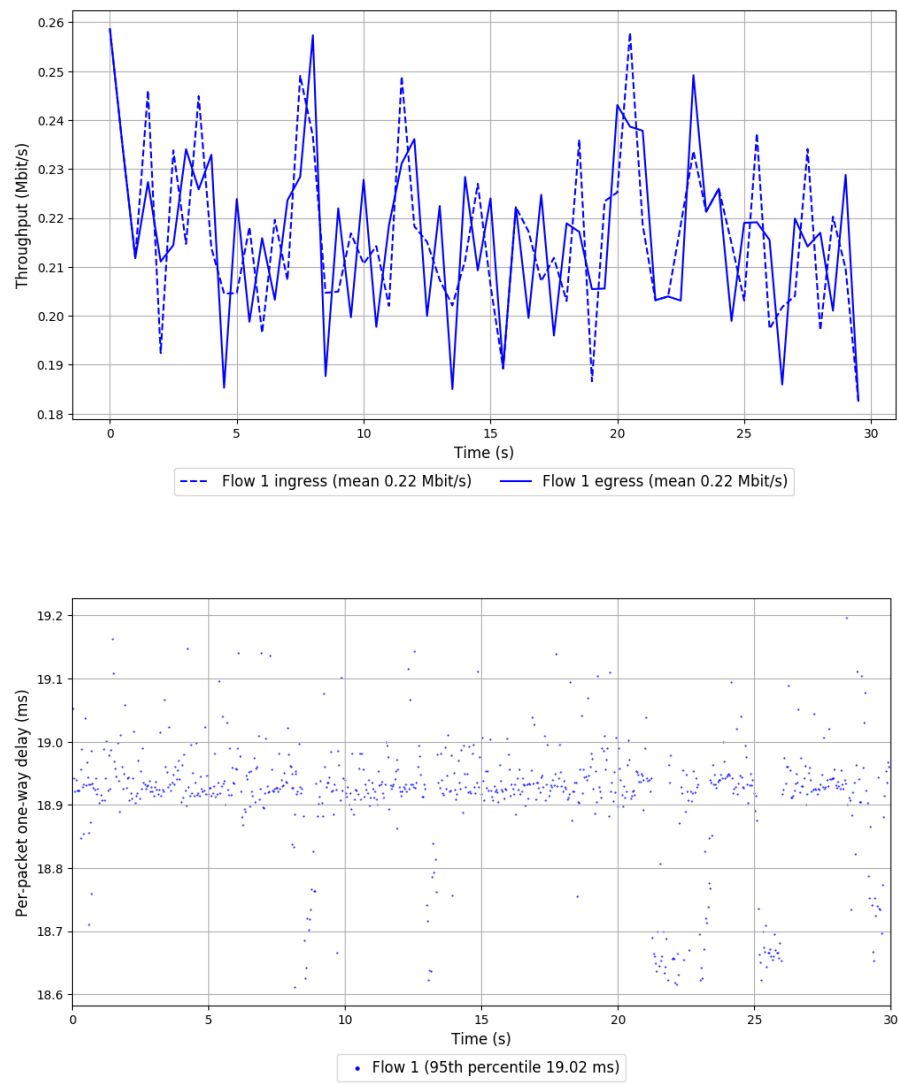


Run 5: Statistics of SCReAM

Start at: 2018-01-16 16:08:35
End at: 2018-01-16 16:09:05
Local clock offset: -4.835 ms
Remote clock offset: -2.888 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.023 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.023 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

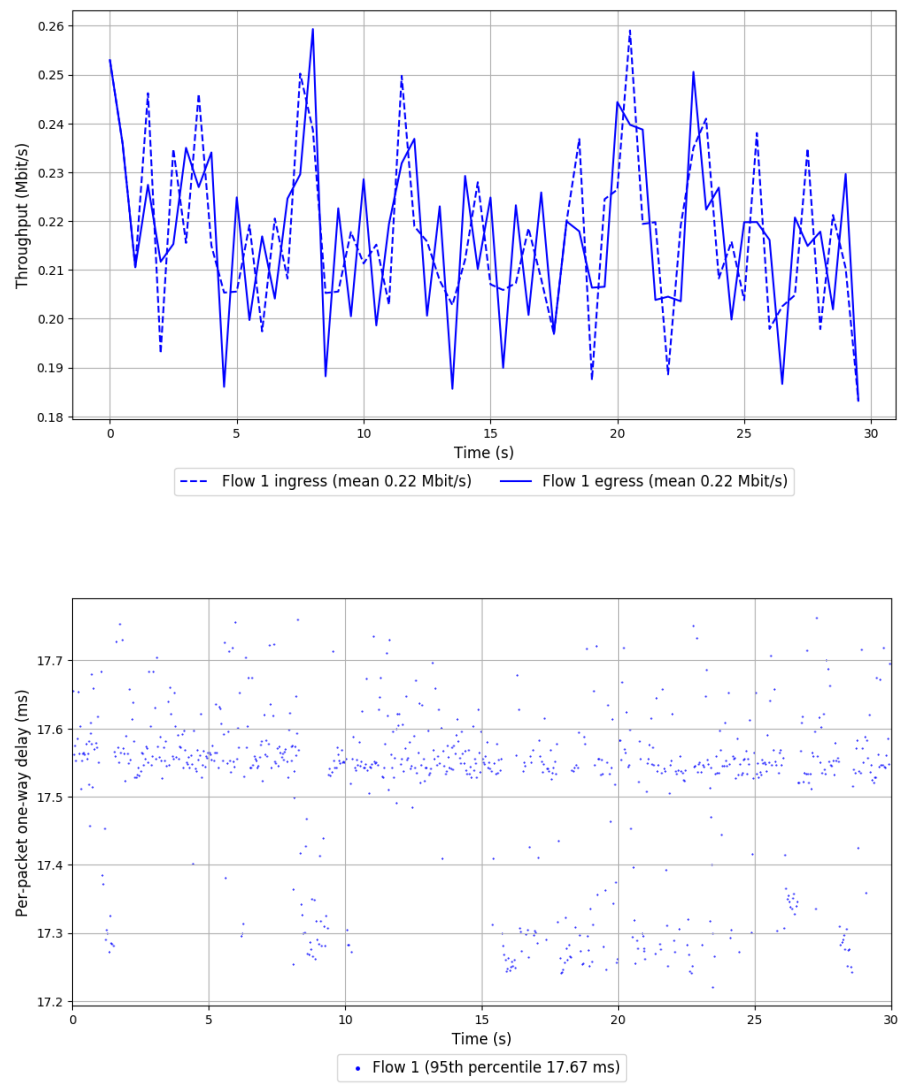


Run 6: Statistics of SCReAM

Start at: 2018-01-16 16:34:19
End at: 2018-01-16 16:34:49
Local clock offset: -5.074 ms
Remote clock offset: -2.714 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.674 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.674 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

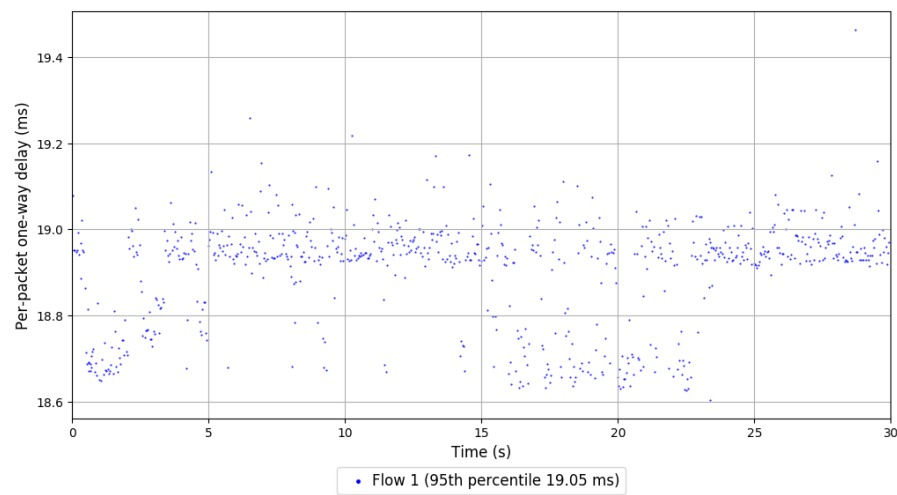
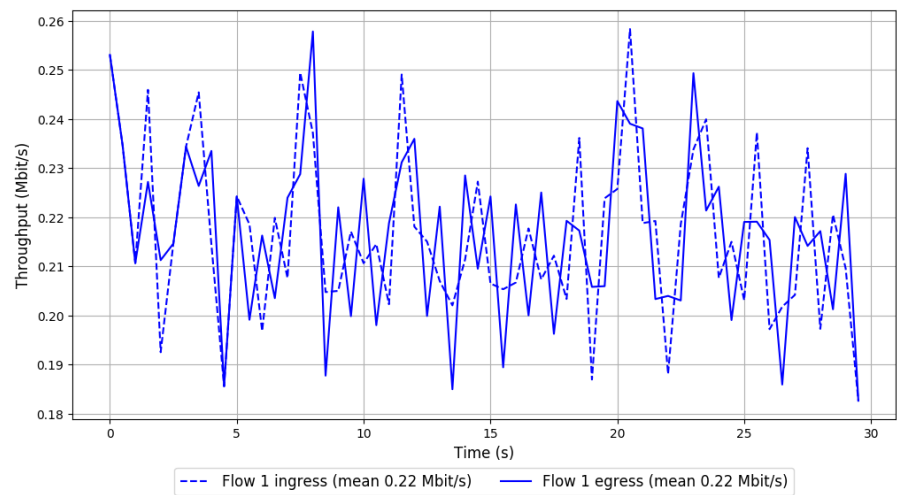


Run 7: Statistics of SCReAM

Start at: 2018-01-16 16:59:56
End at: 2018-01-16 17:00:26
Local clock offset: -5.148 ms
Remote clock offset: -2.381 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.047 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.047 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

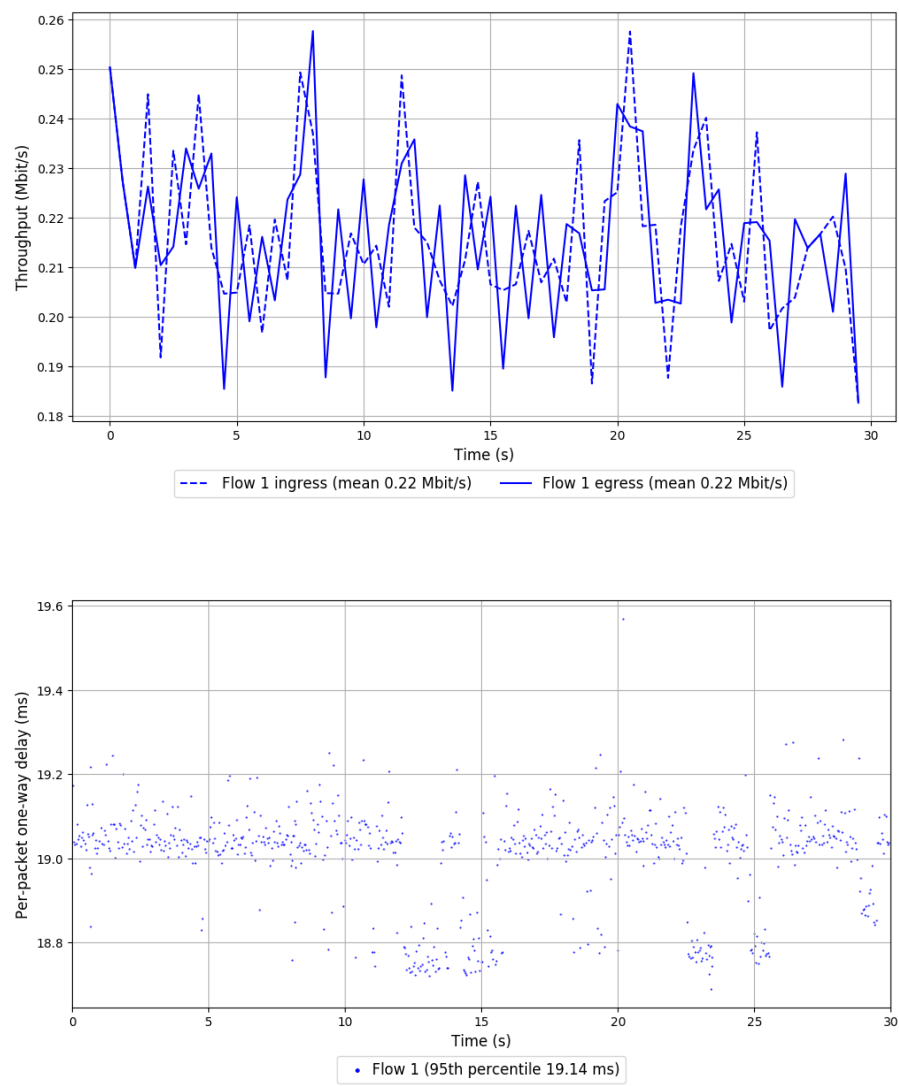


Run 8: Statistics of SCReAM

Start at: 2018-01-16 17:25:34
End at: 2018-01-16 17:26:04
Local clock offset: -5.381 ms
Remote clock offset: -2.878 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.145 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.145 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

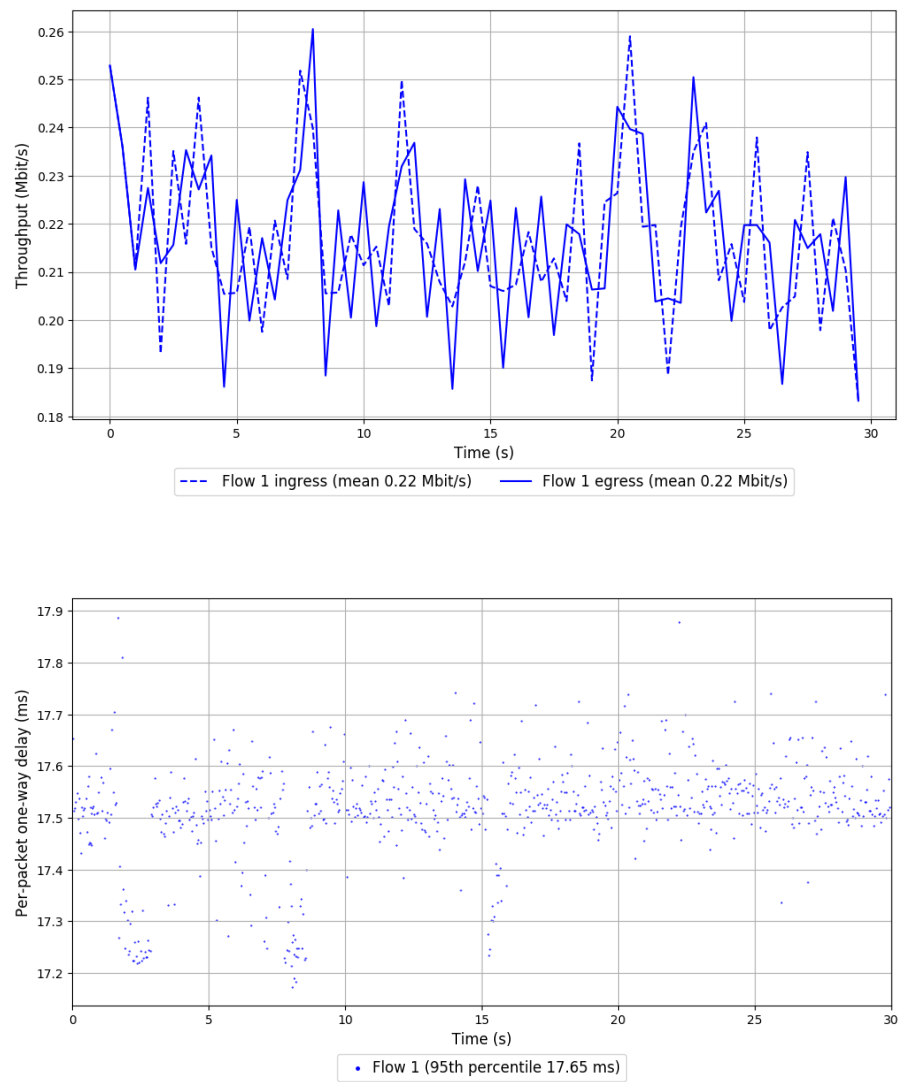


Run 9: Statistics of SCReAM

Start at: 2018-01-16 17:51:25
End at: 2018-01-16 17:51:55
Local clock offset: -5.422 ms
Remote clock offset: -3.562 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.652 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 17.652 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

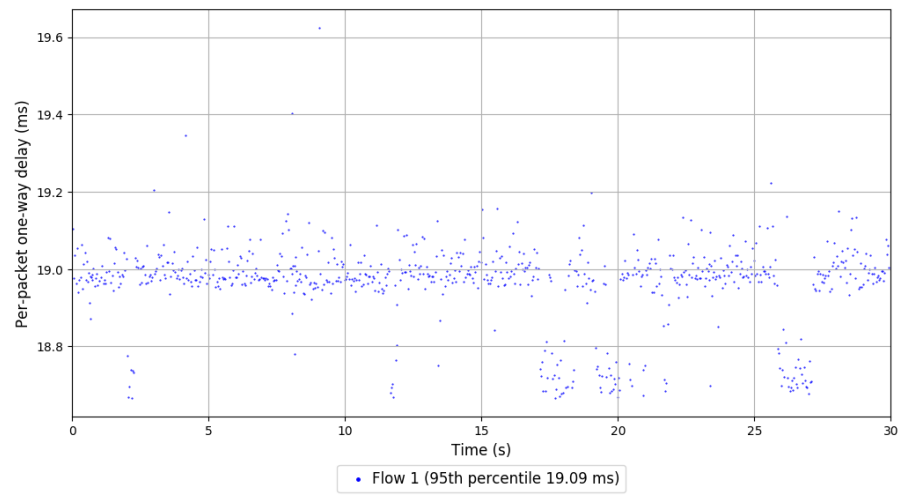
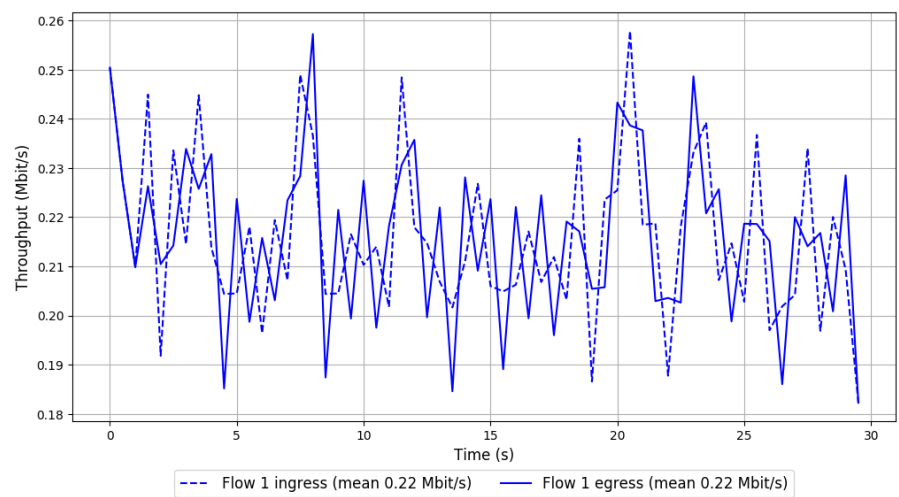


Run 10: Statistics of SReAM

Start at: 2018-01-16 18:16:59
End at: 2018-01-16 18:17:29
Local clock offset: -5.475 ms
Remote clock offset: -3.795 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.091 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 19.091 ms
Loss rate: 0.00%

Run 10: Report of SReAM — Data Link

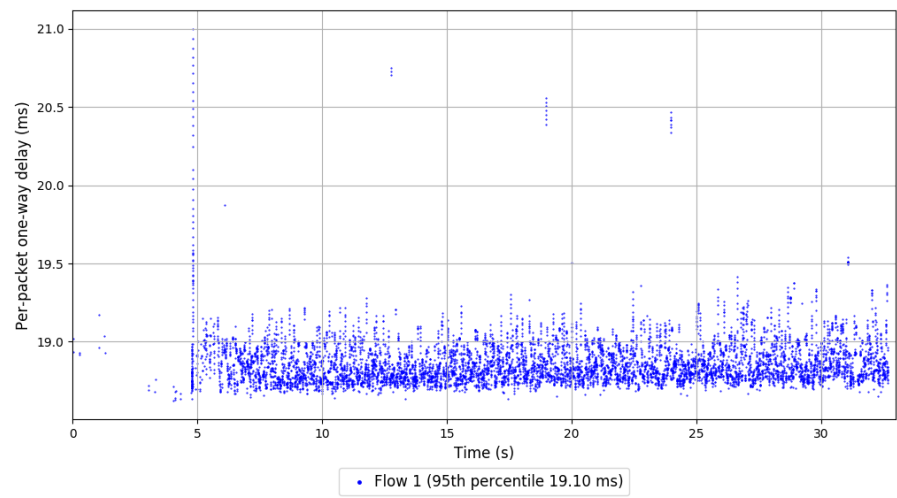
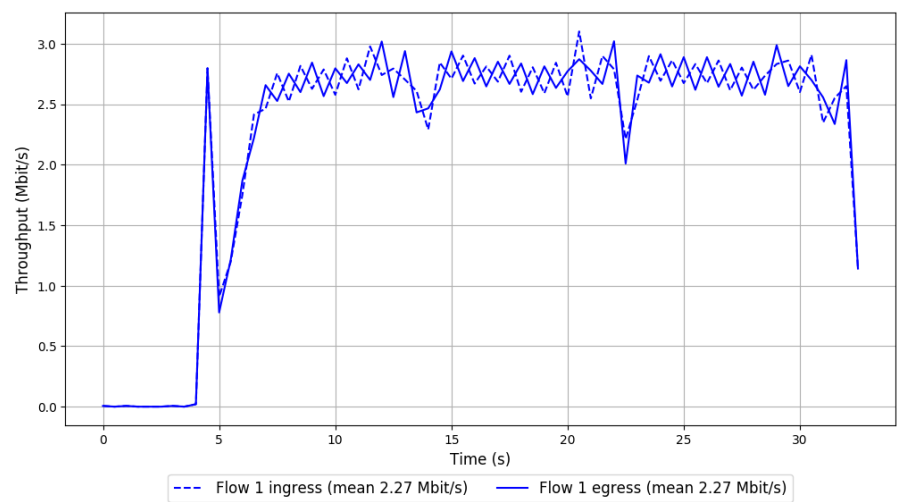


Run 1: Statistics of WebRTC media

Start at: 2018-01-16 14:24:18
End at: 2018-01-16 14:24:48
Local clock offset: -3.471 ms
Remote clock offset: -1.838 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 19.100 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 19.100 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

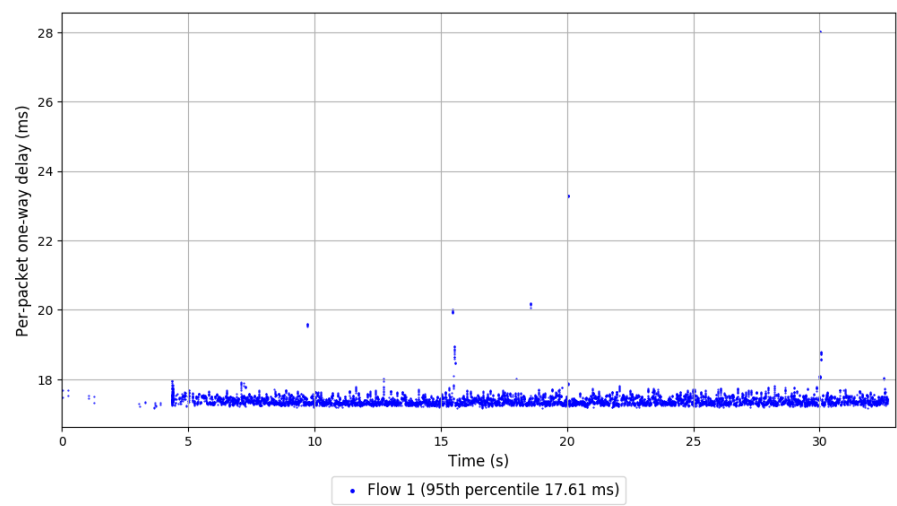
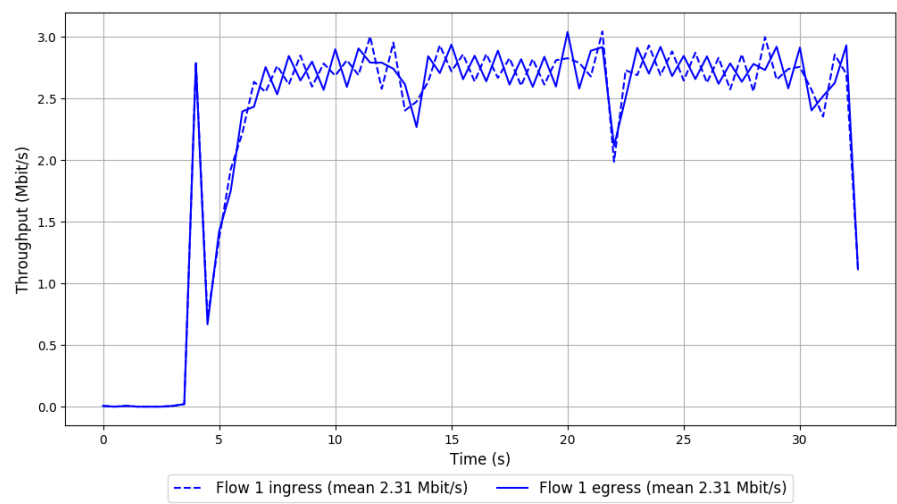


Run 2: Statistics of WebRTC media

Start at: 2018-01-16 14:49:46
End at: 2018-01-16 14:50:16
Local clock offset: -3.175 ms
Remote clock offset: -2.202 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 17.613 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 17.613 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-01-16 15:15:19

End at: 2018-01-16 15:15:49

Local clock offset: -3.798 ms

Remote clock offset: -2.07 ms

Below is generated by plot.py at 2018-01-16 21:34:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 19.022 ms

Loss rate: 0.00%

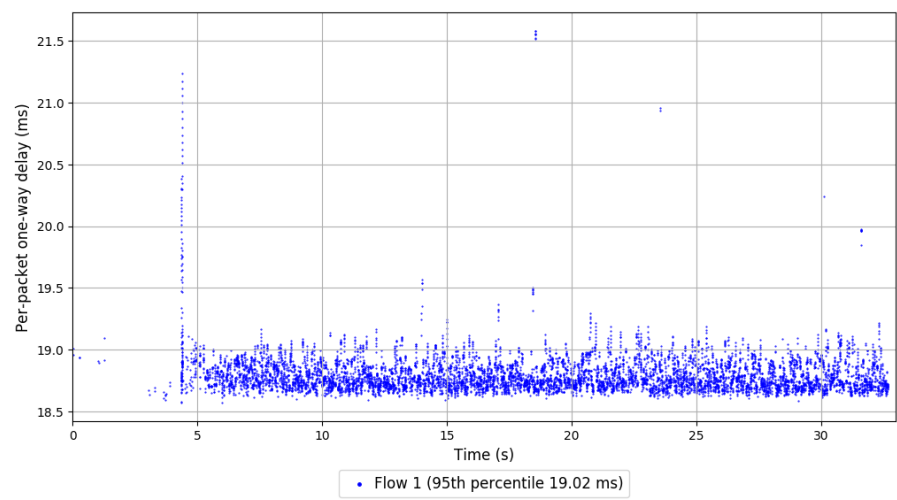
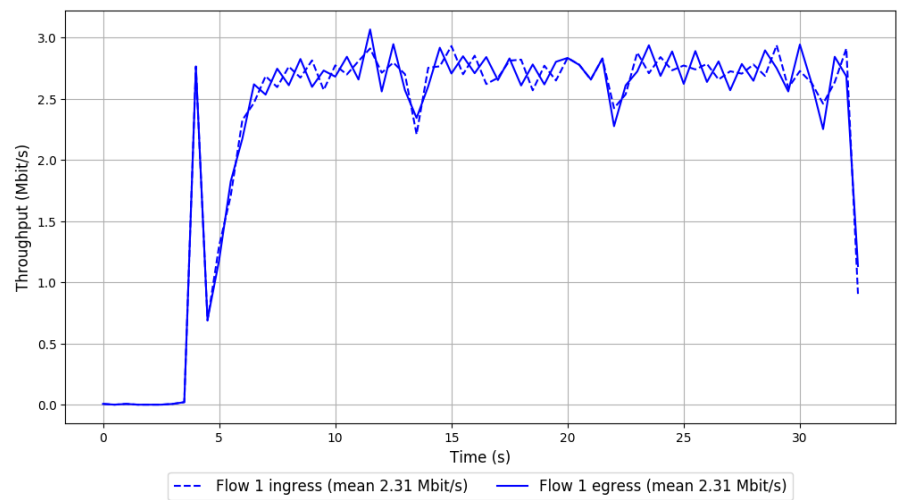
-- Flow 1:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 19.022 ms

Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

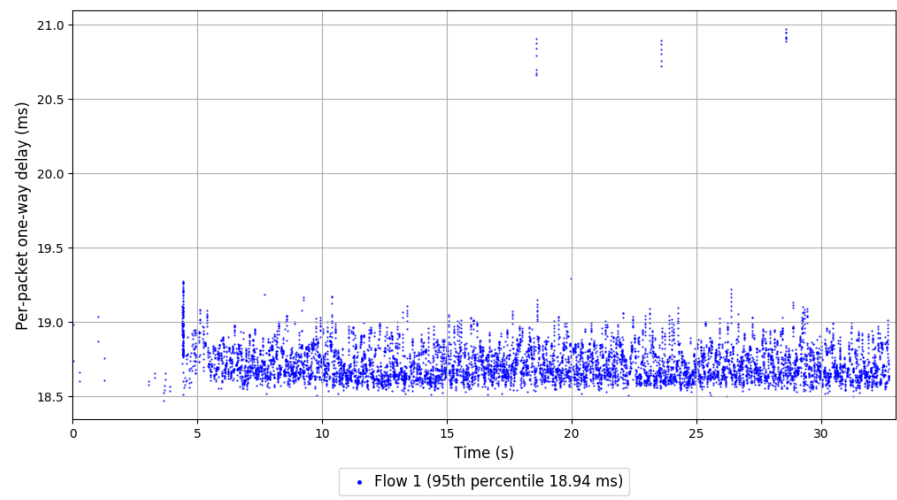
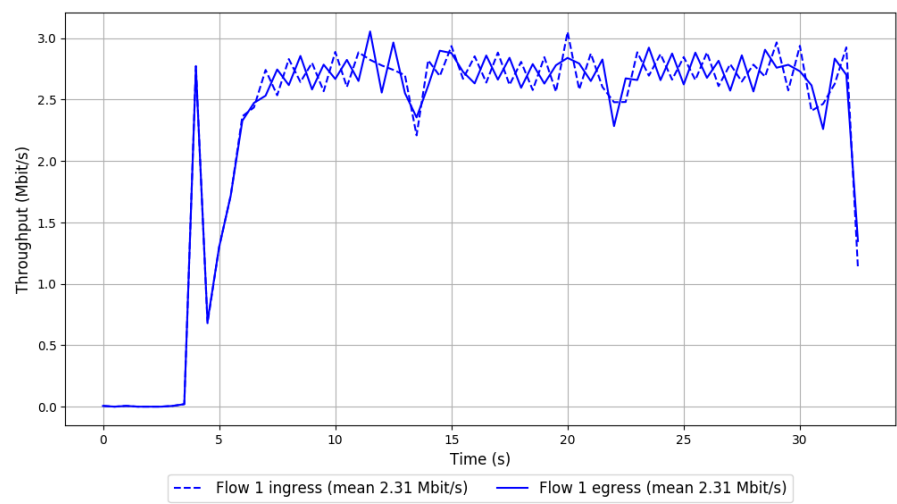


Run 4: Statistics of WebRTC media

Start at: 2018-01-16 15:40:43
End at: 2018-01-16 15:41:13
Local clock offset: -4.333 ms
Remote clock offset: -2.616 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 18.944 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 18.944 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-01-16 16:05:58

End at: 2018-01-16 16:06:28

Local clock offset: -4.81 ms

Remote clock offset: -2.84 ms

Below is generated by plot.py at 2018-01-16 21:34:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 17.550 ms

Loss rate: 0.00%

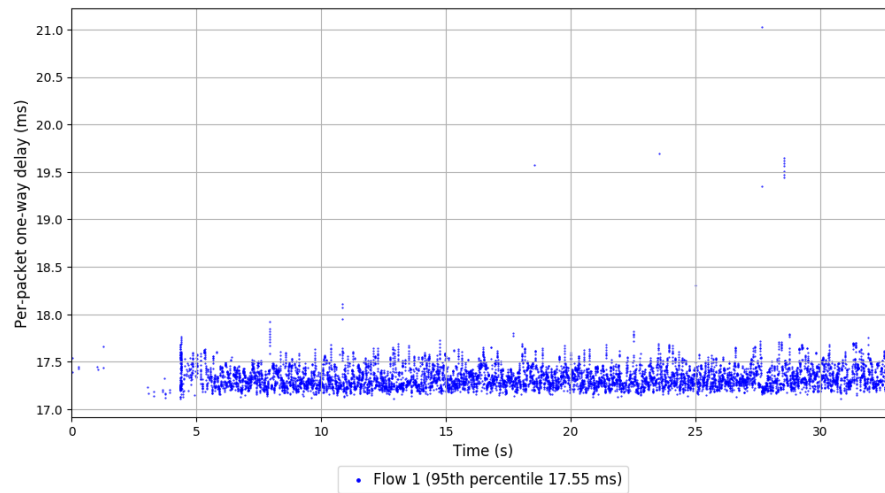
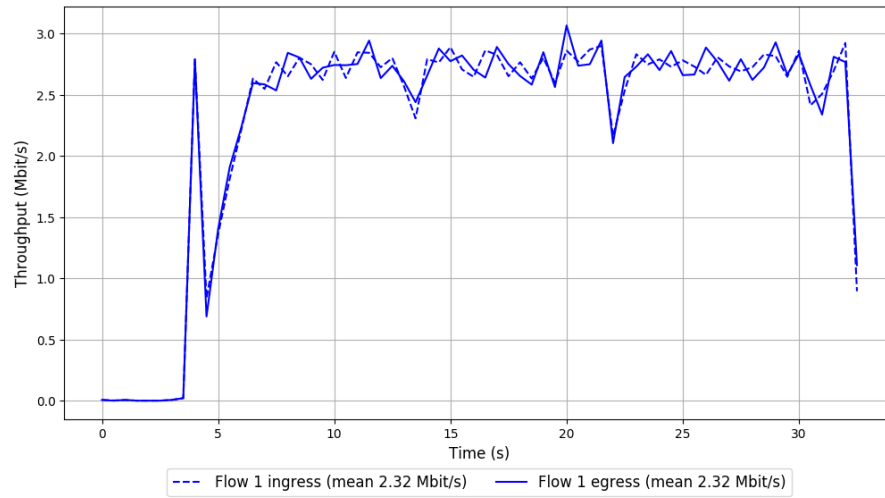
-- Flow 1:

Average throughput: 2.32 Mbit/s

95th percentile per-packet one-way delay: 17.550 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

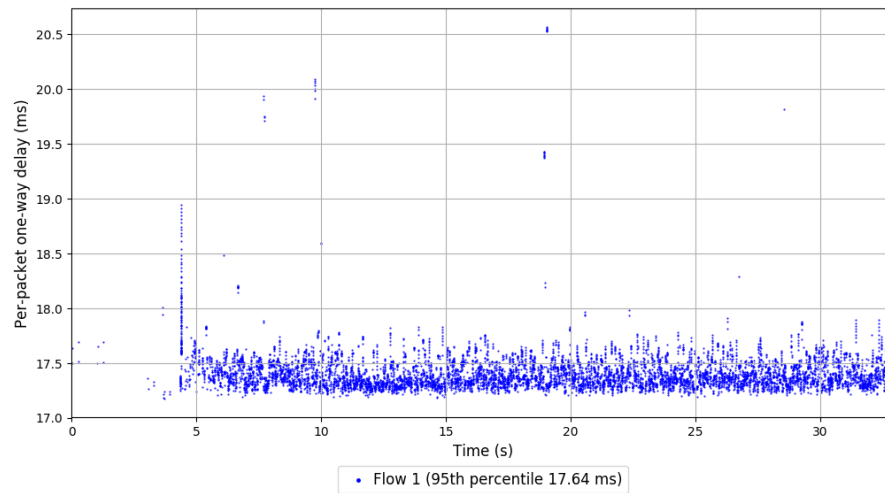
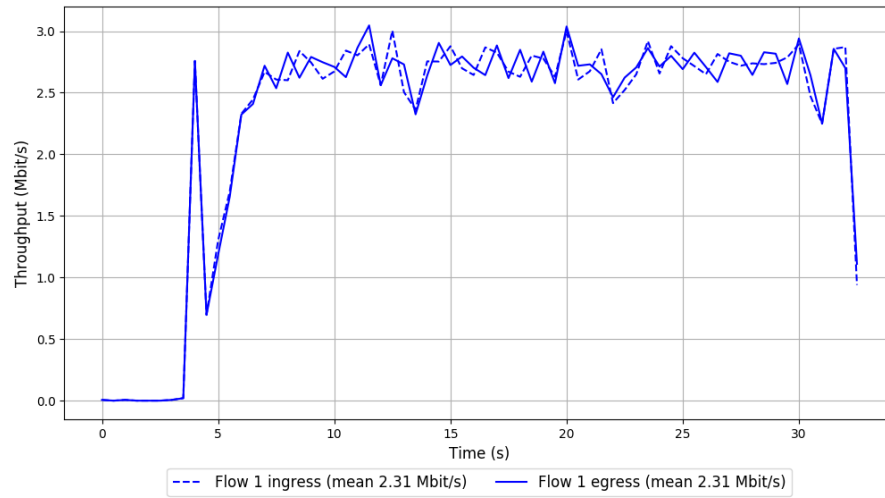


Run 6: Statistics of WebRTC media

Start at: 2018-01-16 16:31:42
End at: 2018-01-16 16:32:12
Local clock offset: -5.048 ms
Remote clock offset: -2.777 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 17.642 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 17.642 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

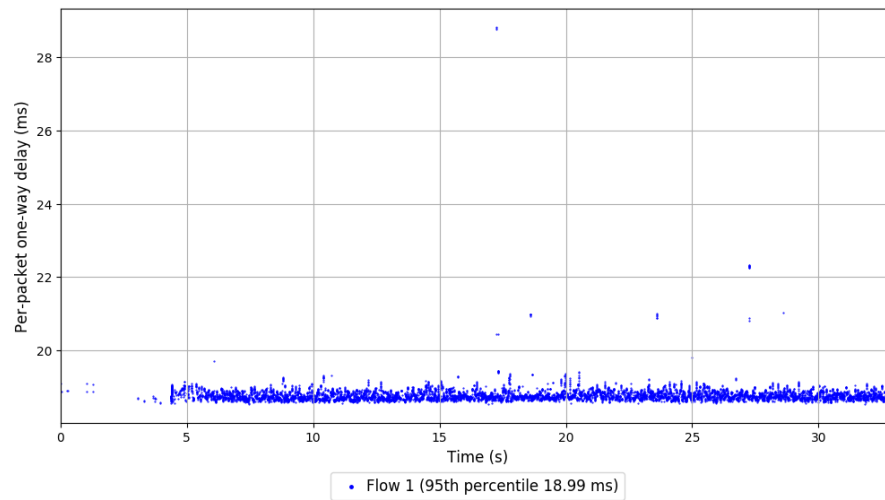
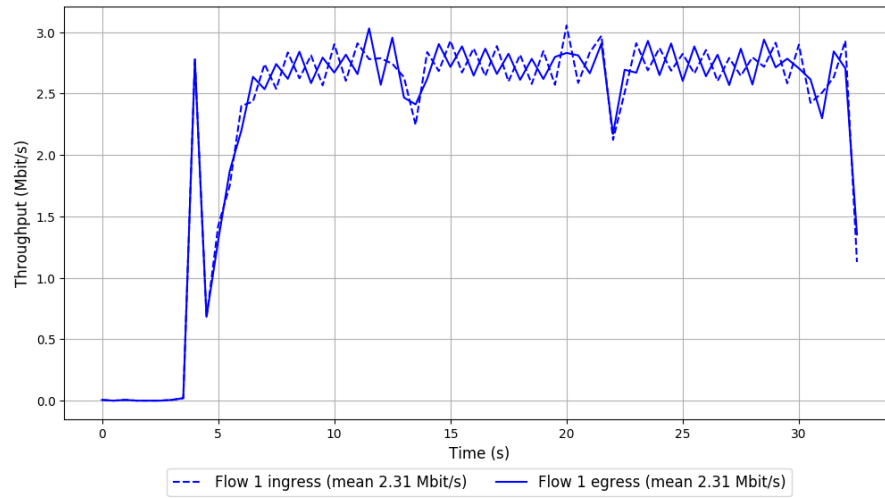


Run 7: Statistics of WebRTC media

Start at: 2018-01-16 16:57:18
End at: 2018-01-16 16:57:48
Local clock offset: -5.167 ms
Remote clock offset: -2.436 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 18.994 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 18.994 ms
Loss rate: 0.01%

Run 7: Report of WebRTC media — Data Link

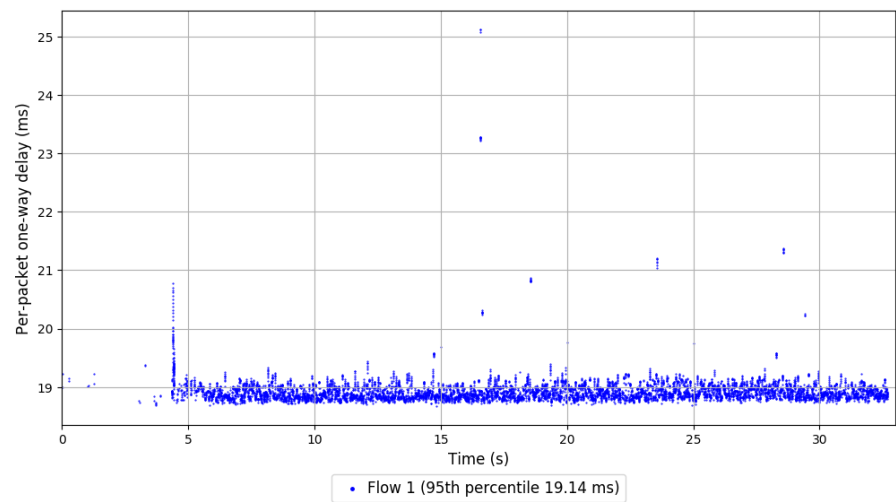
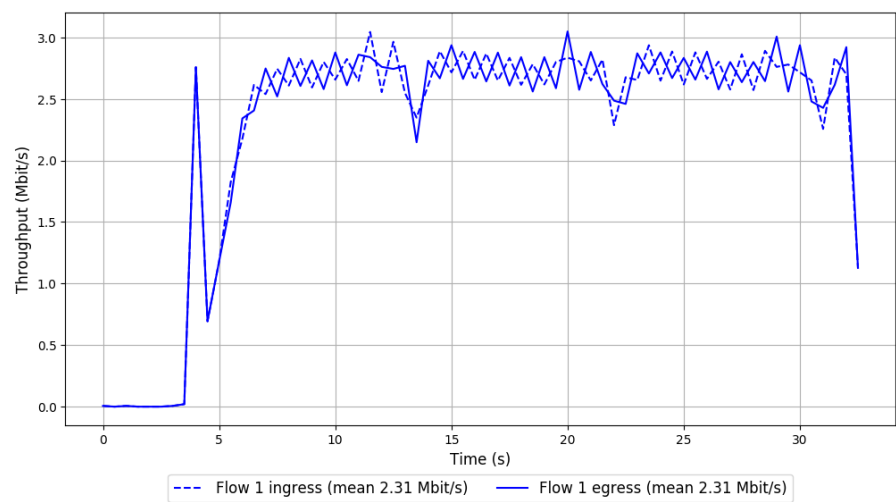


Run 8: Statistics of WebRTC media

Start at: 2018-01-16 17:22:54
End at: 2018-01-16 17:23:24
Local clock offset: -5.356 ms
Remote clock offset: -2.798 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 19.144 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 19.144 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

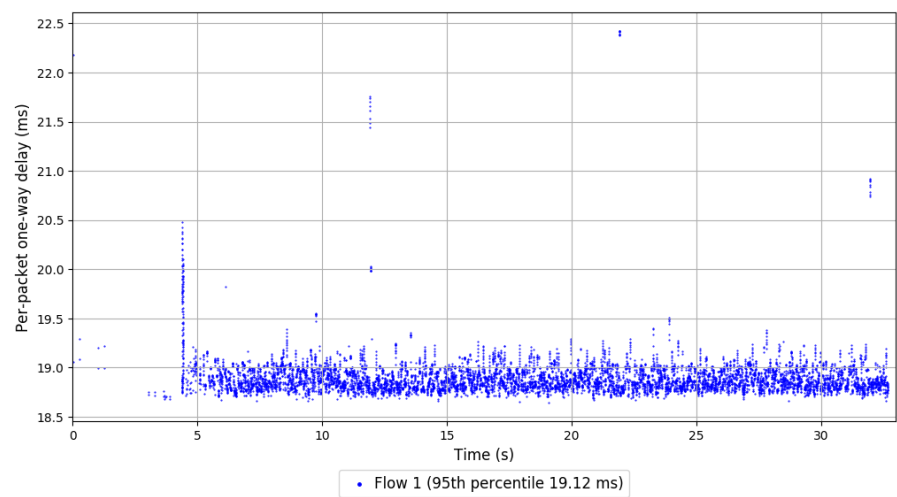
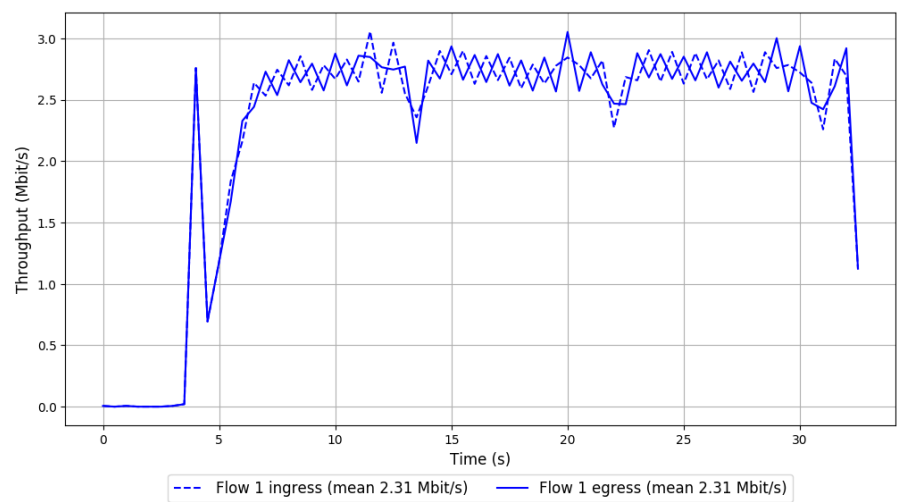


Run 9: Statistics of WebRTC media

Start at: 2018-01-16 17:48:44
End at: 2018-01-16 17:49:14
Local clock offset: -5.487 ms
Remote clock offset: -3.493 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 19.117 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 19.117 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-01-16 18:14:24

End at: 2018-01-16 18:14:54

Local clock offset: -5.582 ms

Remote clock offset: -3.783 ms

Below is generated by plot.py at 2018-01-16 21:34:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 19.130 ms

Loss rate: 0.00%

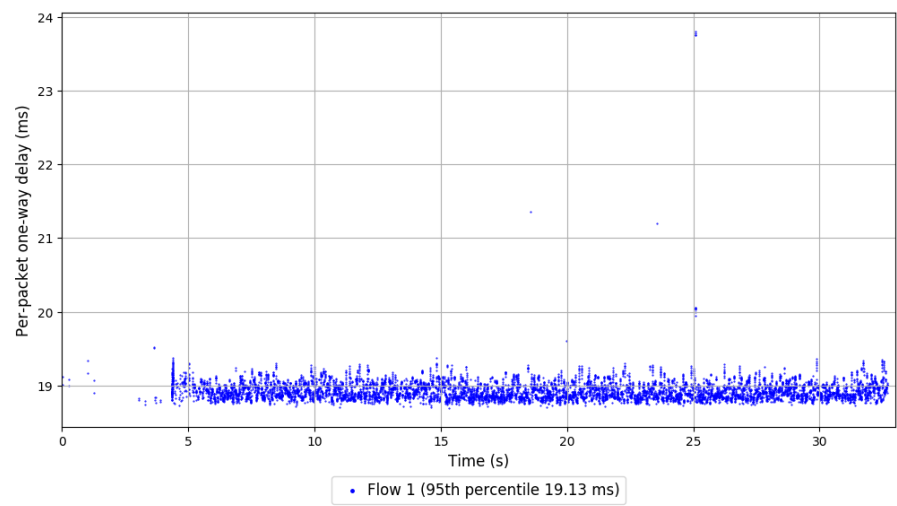
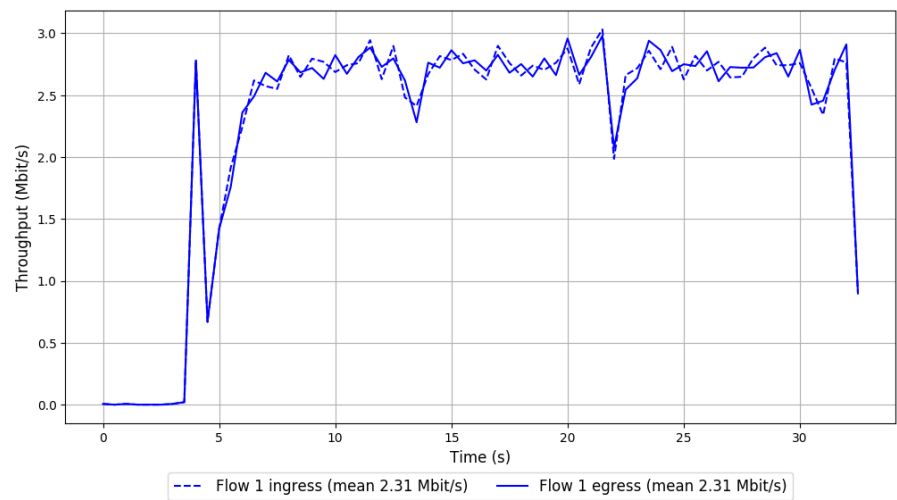
-- Flow 1:

Average throughput: 2.31 Mbit/s

95th percentile per-packet one-way delay: 19.130 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

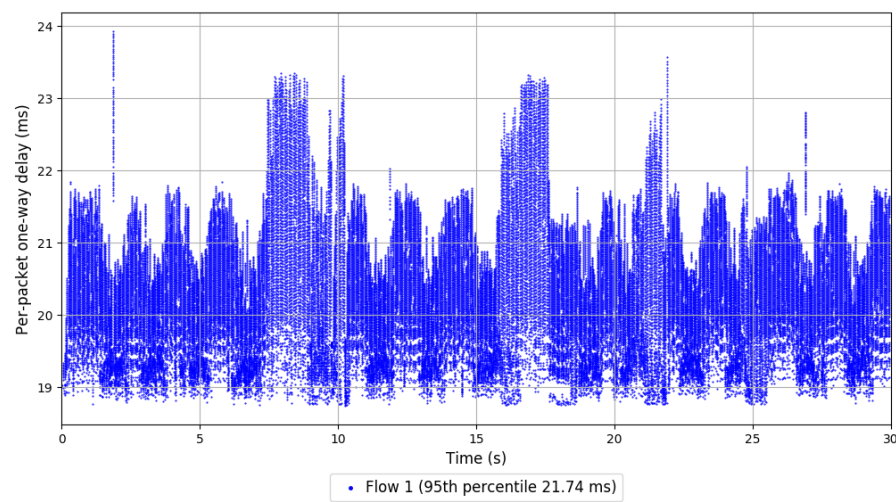
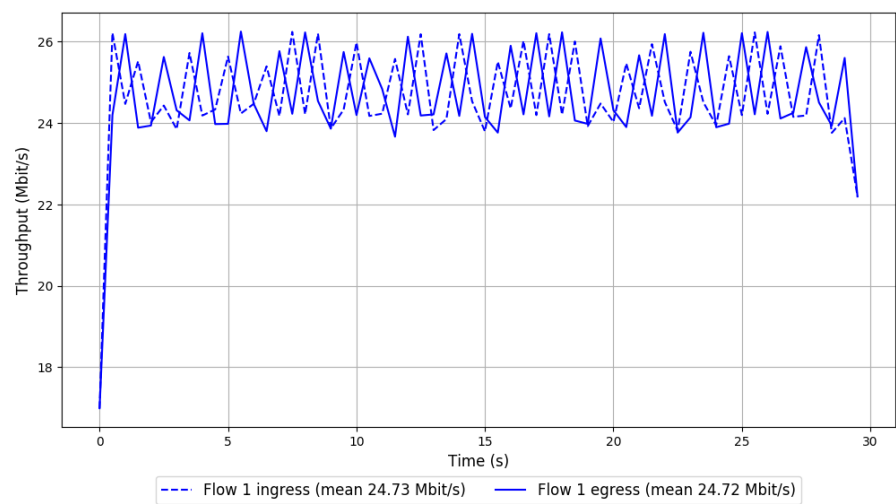


Run 1: Statistics of Sprout

Start at: 2018-01-16 14:23:07
End at: 2018-01-16 14:23:37
Local clock offset: -3.588 ms
Remote clock offset: -1.809 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 21.741 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.72 Mbit/s
95th percentile per-packet one-way delay: 21.741 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

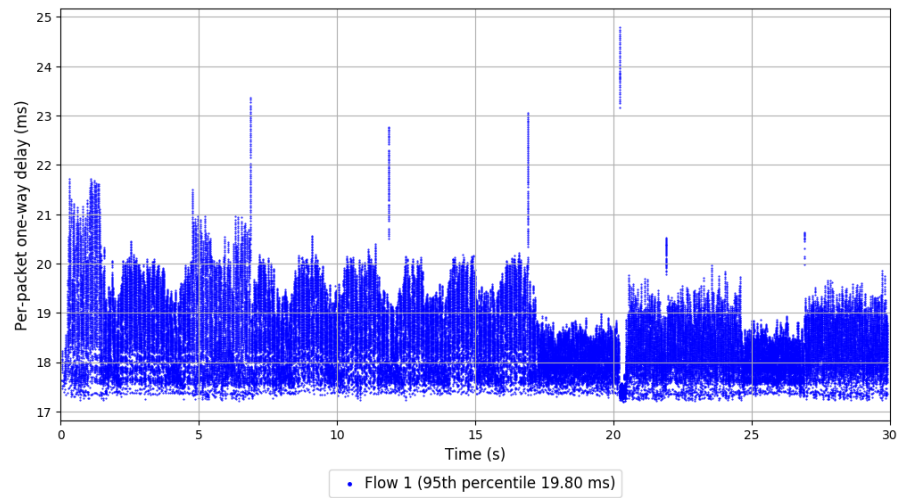
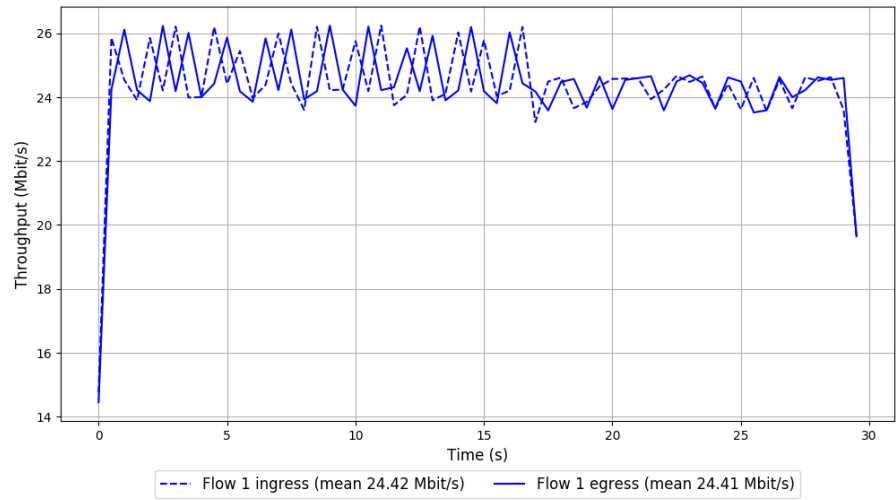


Run 2: Statistics of Sprout

Start at: 2018-01-16 14:48:35
End at: 2018-01-16 14:49:05
Local clock offset: -3.188 ms
Remote clock offset: -2.283 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 19.796 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 24.41 Mbit/s
95th percentile per-packet one-way delay: 19.796 ms
Loss rate: 0.06%

Run 2: Report of Sprout — Data Link

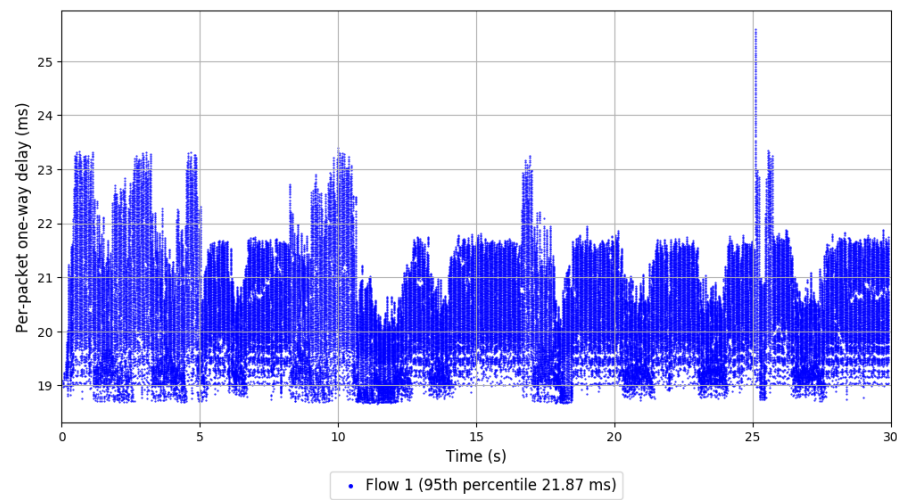
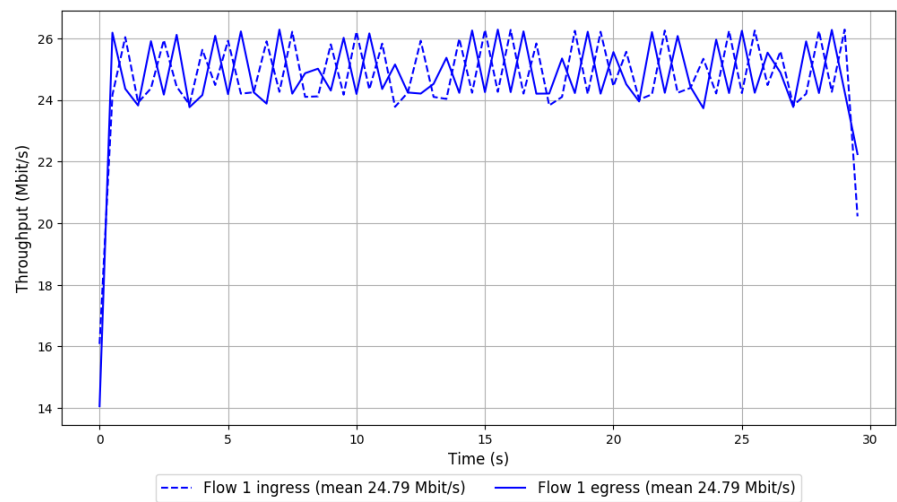


Run 3: Statistics of Sprout

Start at: 2018-01-16 15:14:08
End at: 2018-01-16 15:14:38
Local clock offset: -3.794 ms
Remote clock offset: -2.085 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.79 Mbit/s
95th percentile per-packet one-way delay: 21.873 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.79 Mbit/s
95th percentile per-packet one-way delay: 21.873 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

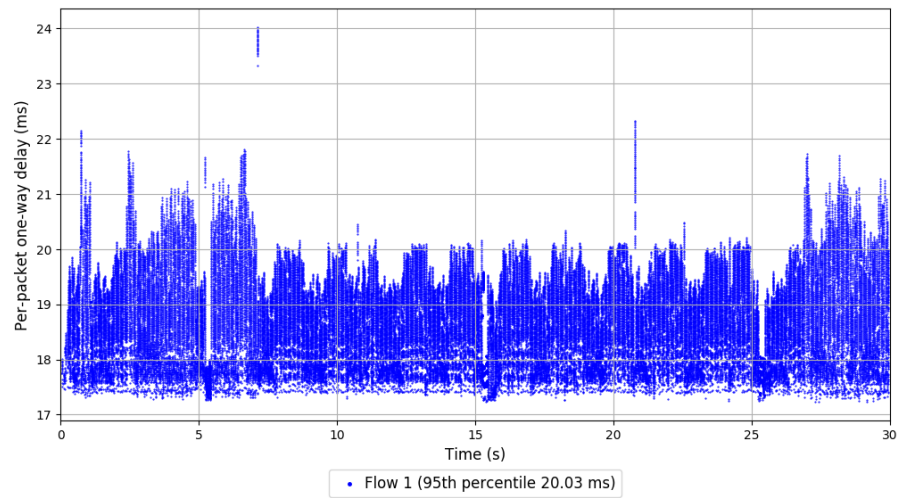
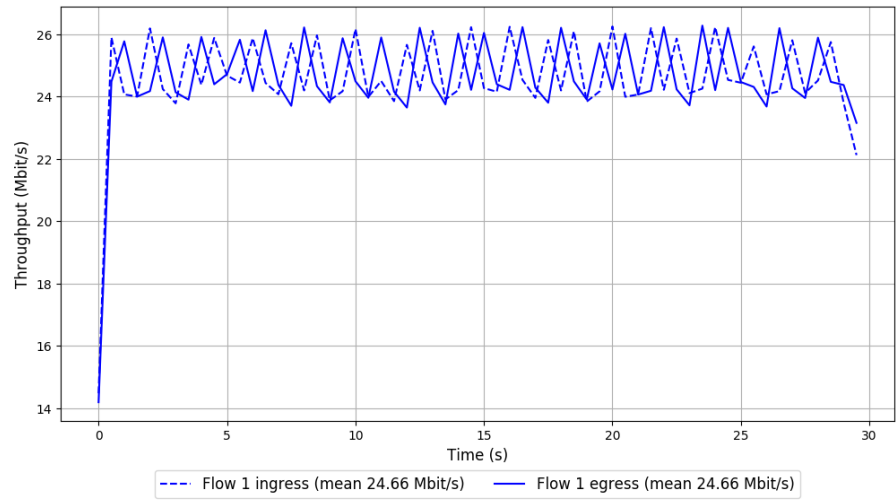


Run 4: Statistics of Sprout

Start at: 2018-01-16 15:39:33
End at: 2018-01-16 15:40:03
Local clock offset: -4.318 ms
Remote clock offset: -2.535 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 20.029 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.66 Mbit/s
95th percentile per-packet one-way delay: 20.029 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

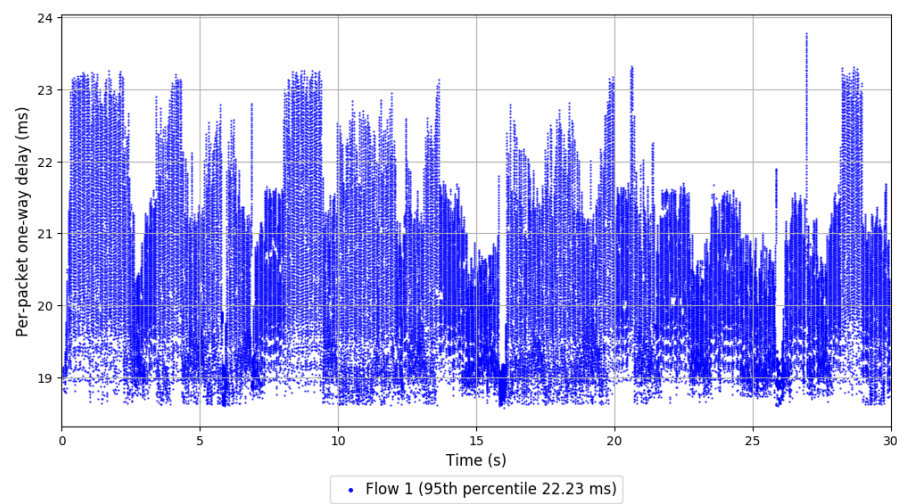
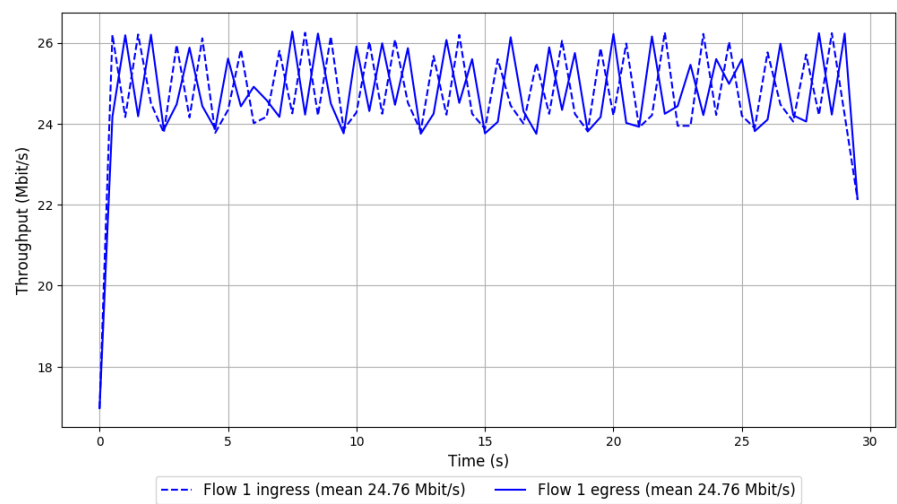


Run 5: Statistics of Sprout

Start at: 2018-01-16 16:04:47
End at: 2018-01-16 16:05:17
Local clock offset: -4.768 ms
Remote clock offset: -2.804 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 22.227 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.76 Mbit/s
95th percentile per-packet one-way delay: 22.227 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

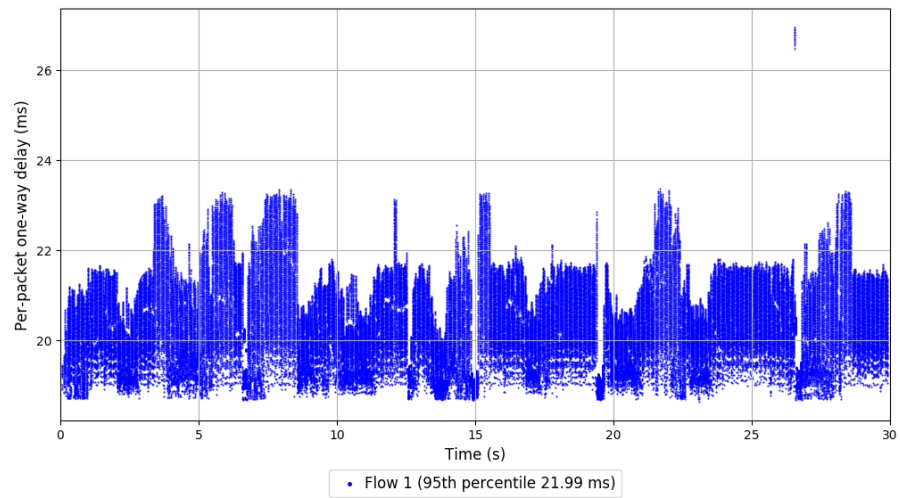
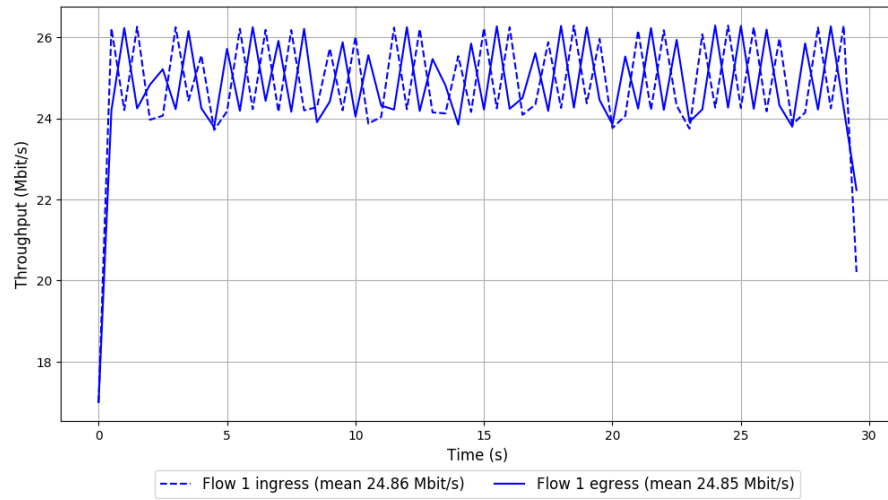


Run 6: Statistics of Sprout

Start at: 2018-01-16 16:30:31
End at: 2018-01-16 16:31:01
Local clock offset: -5.04 ms
Remote clock offset: -2.797 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 21.990 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.85 Mbit/s
95th percentile per-packet one-way delay: 21.990 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

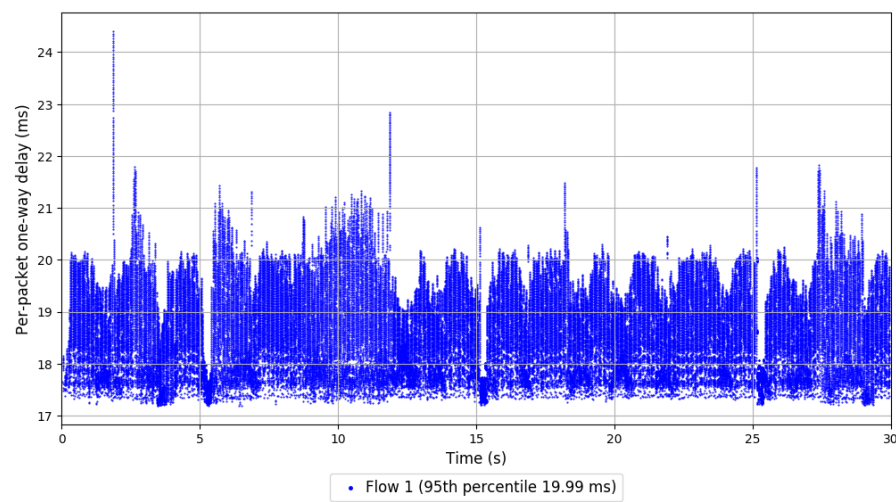
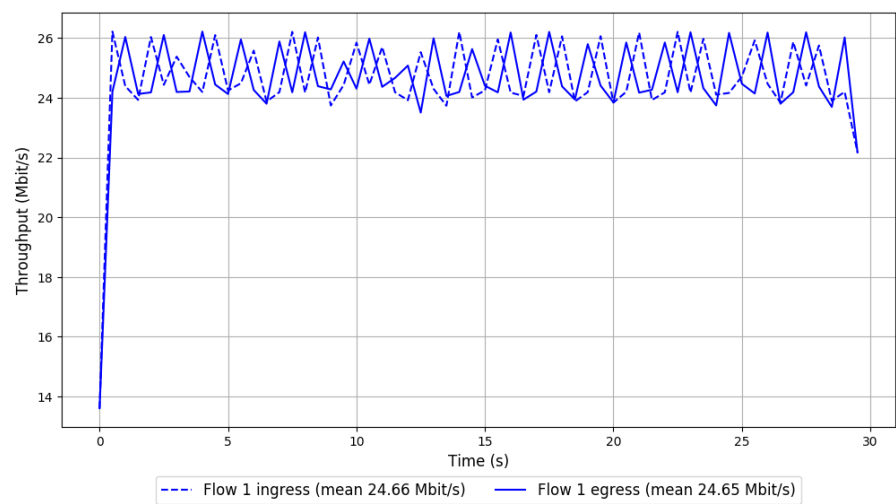


Run 7: Statistics of Sprout

Start at: 2018-01-16 16:56:08
End at: 2018-01-16 16:56:38
Local clock offset: -5.146 ms
Remote clock offset: -2.424 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 19.991 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.65 Mbit/s
95th percentile per-packet one-way delay: 19.991 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

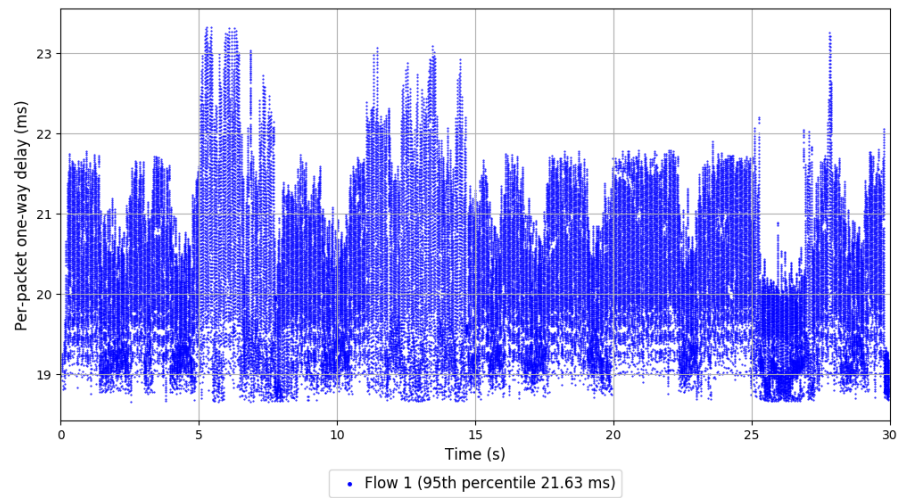
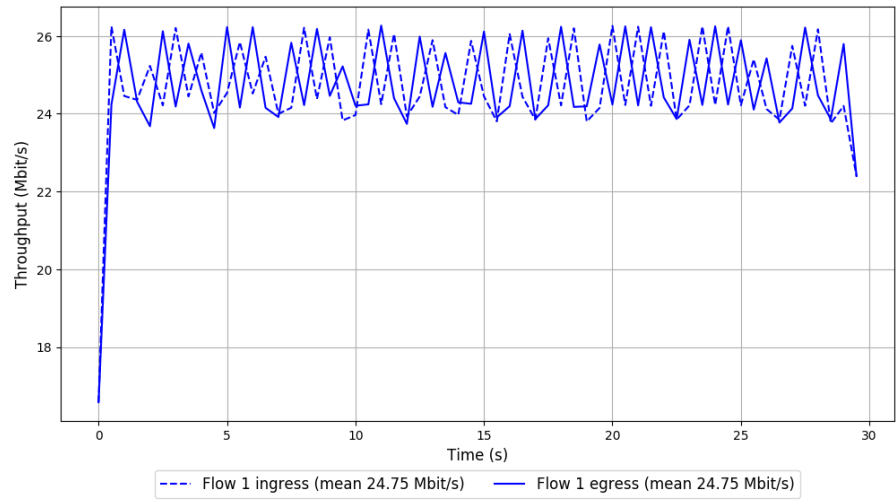


Run 8: Statistics of Sprout

Start at: 2018-01-16 17:21:44
End at: 2018-01-16 17:22:14
Local clock offset: -5.262 ms
Remote clock offset: -2.758 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 21.626 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.75 Mbit/s
95th percentile per-packet one-way delay: 21.626 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

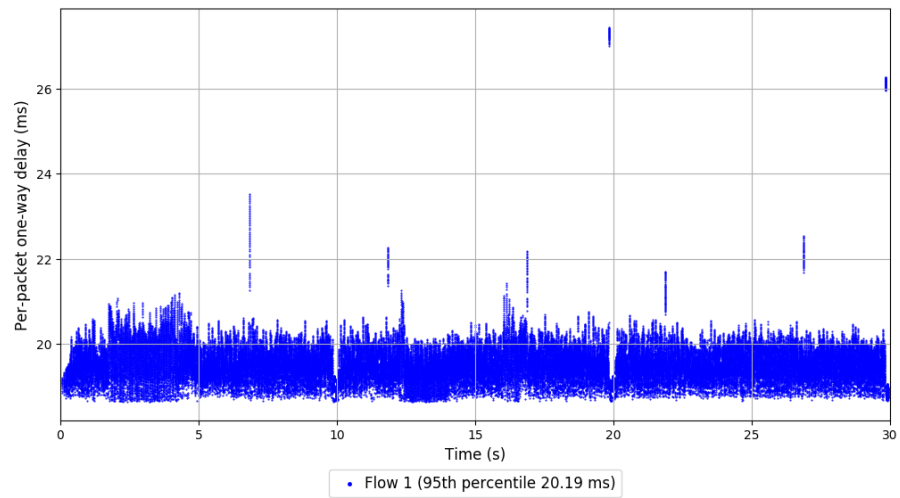
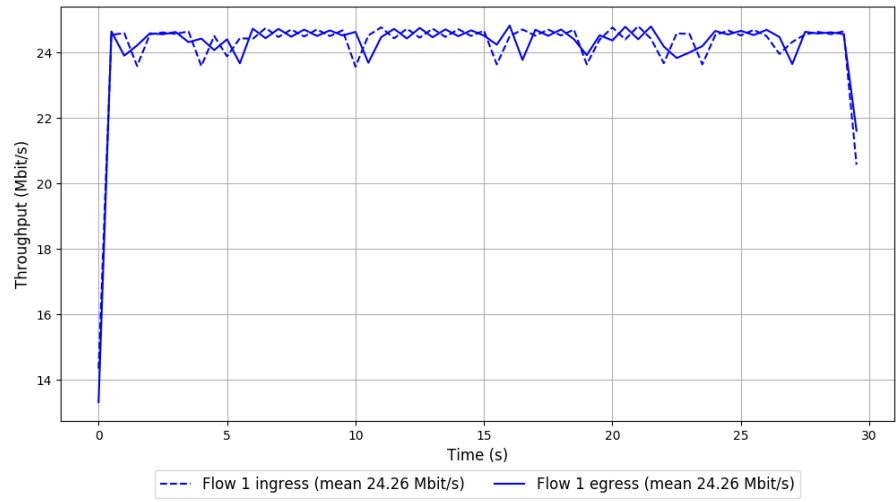


Run 9: Statistics of Sprout

Start at: 2018-01-16 17:47:33
End at: 2018-01-16 17:48:03
Local clock offset: -5.39 ms
Remote clock offset: -3.471 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 24.26 Mbit/s
95th percentile per-packet one-way delay: 20.193 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 24.26 Mbit/s
95th percentile per-packet one-way delay: 20.193 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-01-16 18:13:13

End at: 2018-01-16 18:13:43

Local clock offset: -5.481 ms

Remote clock offset: -3.73 ms

Below is generated by plot.py at 2018-01-16 21:34:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 24.72 Mbit/s

95th percentile per-packet one-way delay: 22.187 ms

Loss rate: 0.00%

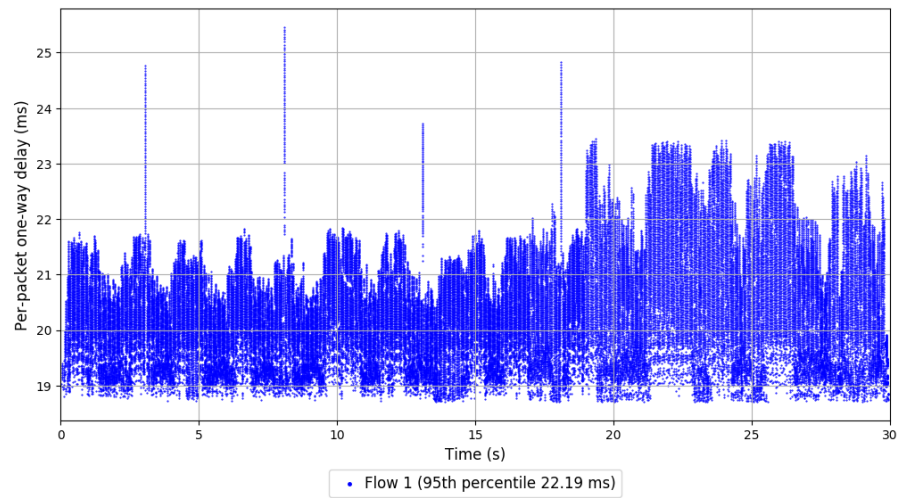
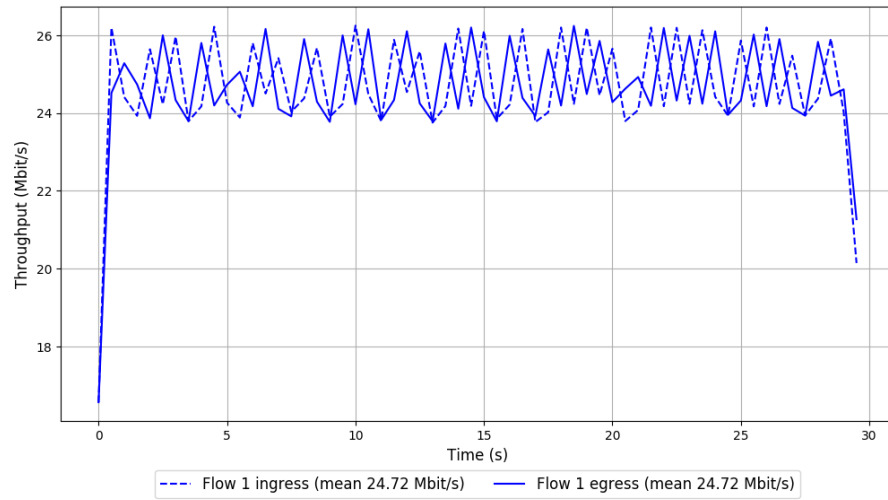
-- Flow 1:

Average throughput: 24.72 Mbit/s

95th percentile per-packet one-way delay: 22.187 ms

Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

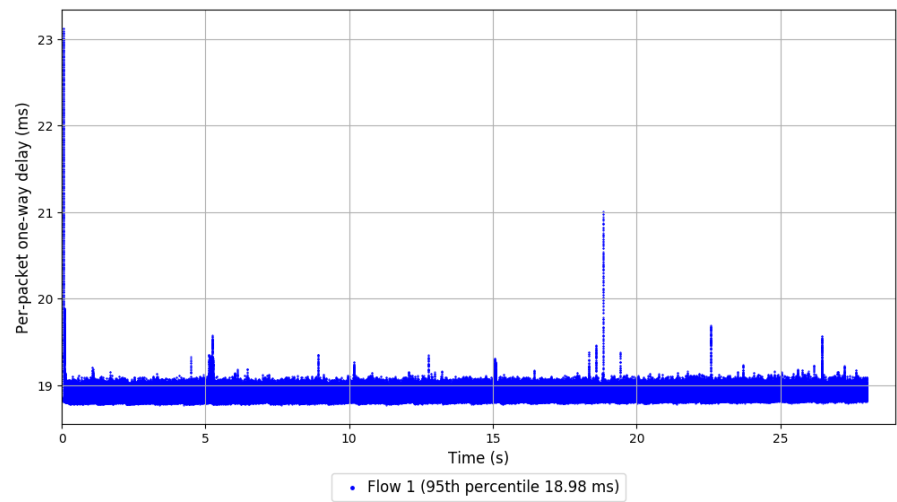
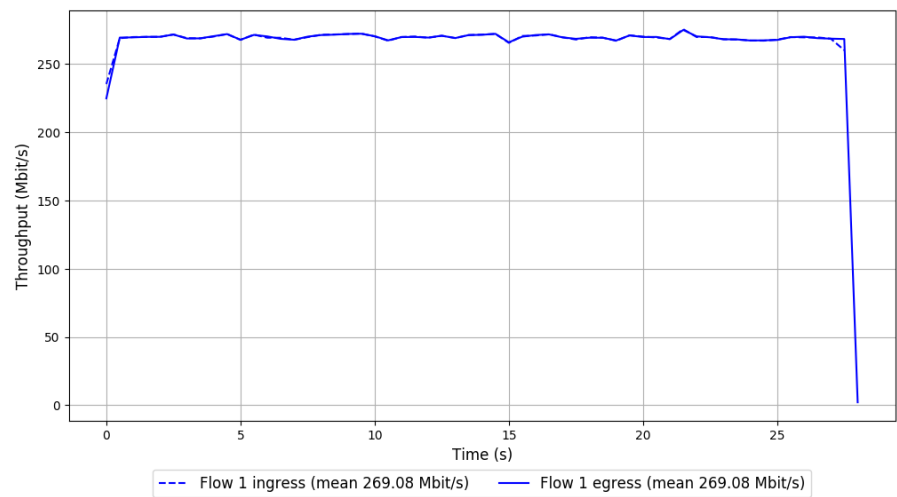


Run 1: Statistics of TaoVA-100x

Start at: 2018-01-16 14:21:39
End at: 2018-01-16 14:22:09
Local clock offset: -3.654 ms
Remote clock offset: -1.699 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 269.08 Mbit/s
95th percentile per-packet one-way delay: 18.976 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 269.08 Mbit/s
95th percentile per-packet one-way delay: 18.976 ms
Loss rate: 0.00%

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

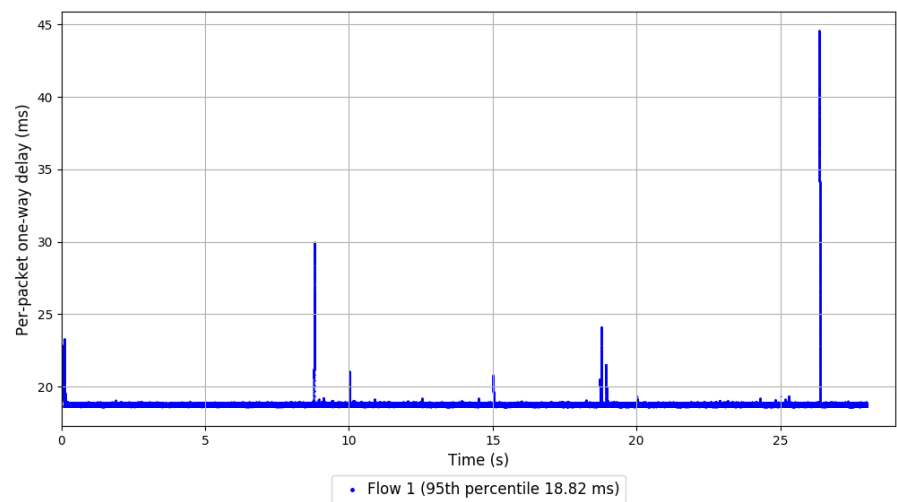
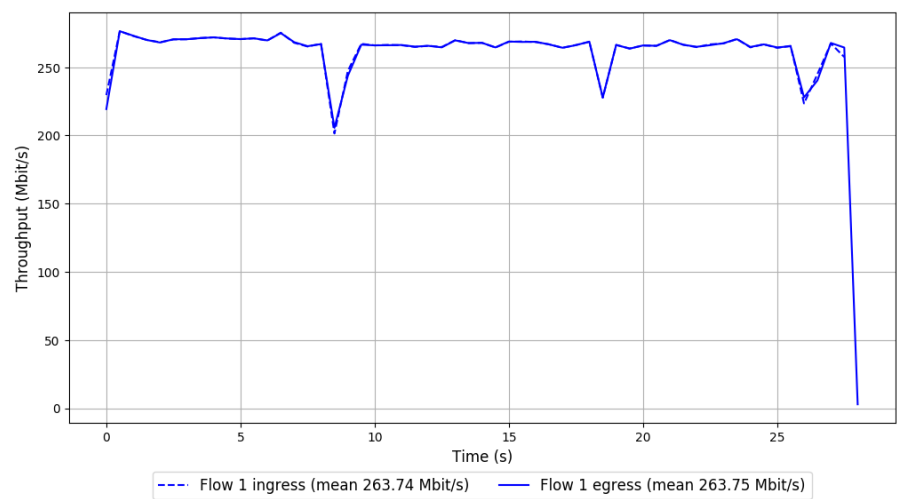


Run 2: Statistics of TaoVA-100x

Start at: 2018-01-16 14:47:07
End at: 2018-01-16 14:47:37
Local clock offset: -3.174 ms
Remote clock offset: -2.259 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 263.75 Mbit/s
95th percentile per-packet one-way delay: 18.824 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 263.75 Mbit/s
95th percentile per-packet one-way delay: 18.824 ms
Loss rate: 0.00%

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

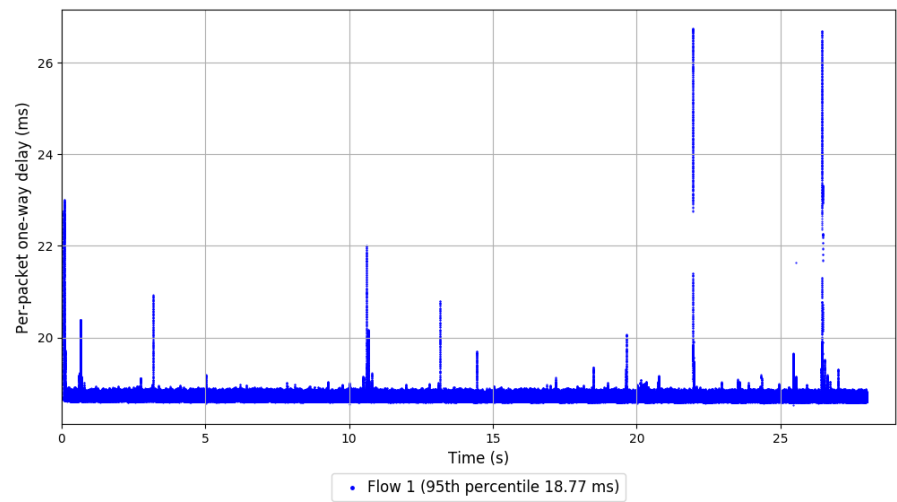
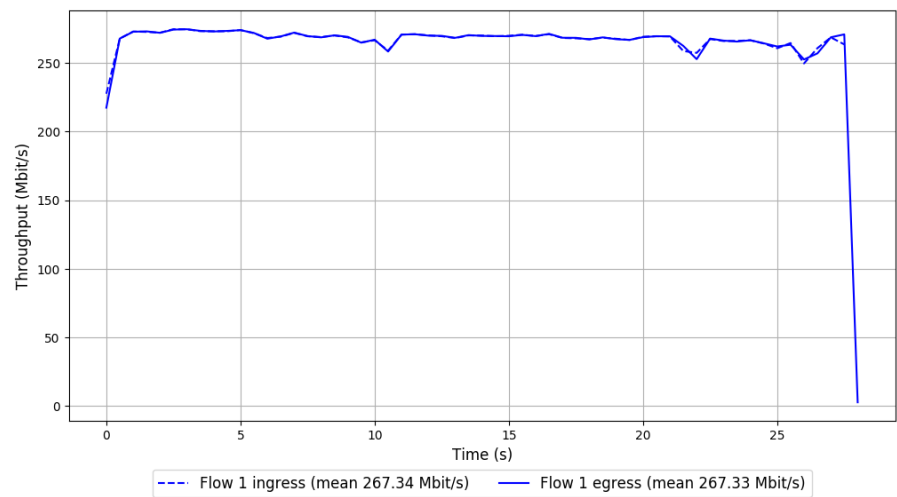


Run 3: Statistics of TaoVA-100x

Start at: 2018-01-16 15:12:40
End at: 2018-01-16 15:13:10
Local clock offset: -3.736 ms
Remote clock offset: -2.111 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 267.33 Mbit/s
95th percentile per-packet one-way delay: 18.774 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 267.33 Mbit/s
95th percentile per-packet one-way delay: 18.774 ms
Loss rate: 0.01%

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

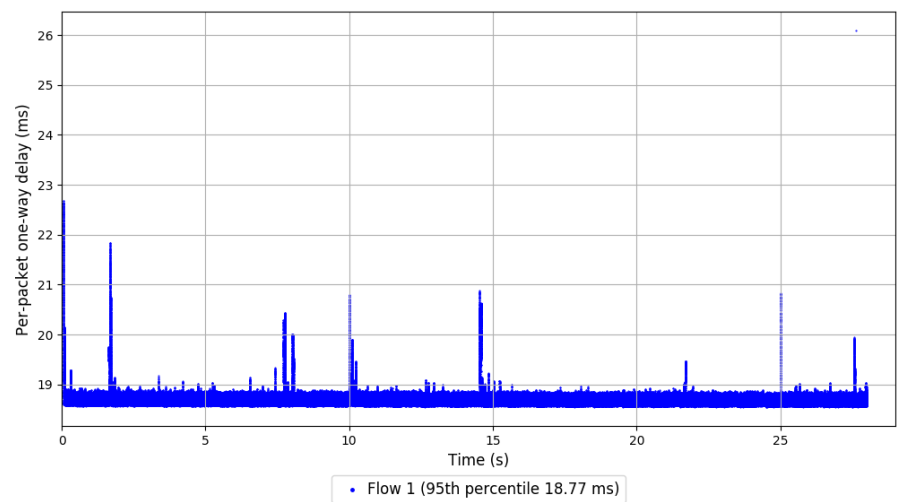
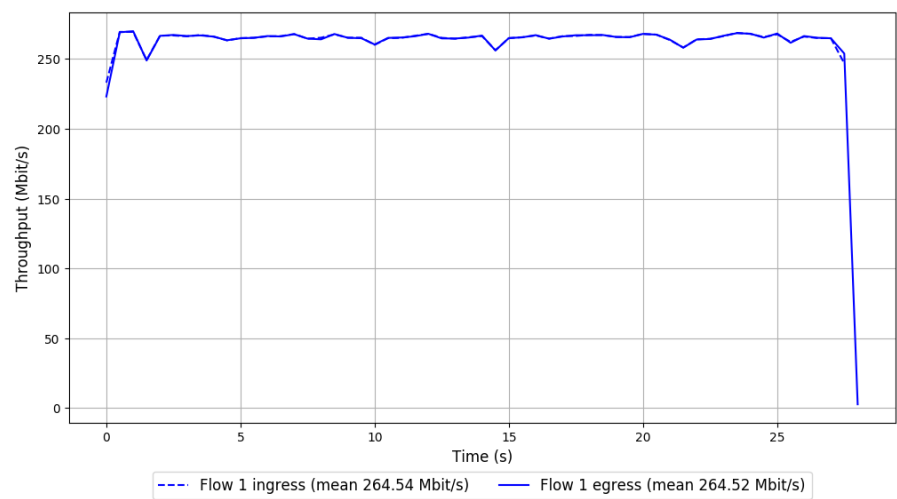


Run 4: Statistics of TaoVA-100x

Start at: 2018-01-16 15:38:04
End at: 2018-01-16 15:38:34
Local clock offset: -4.299 ms
Remote clock offset: -2.663 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 264.52 Mbit/s
95th percentile per-packet one-way delay: 18.774 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 264.52 Mbit/s
95th percentile per-packet one-way delay: 18.774 ms
Loss rate: 0.01%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-01-16 16:03:20

End at: 2018-01-16 16:03:50

Local clock offset: -4.87 ms

Remote clock offset: -2.726 ms

Below is generated by plot.py at 2018-01-16 21:34:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 258.06 Mbit/s

95th percentile per-packet one-way delay: 17.492 ms

Loss rate: 0.00%

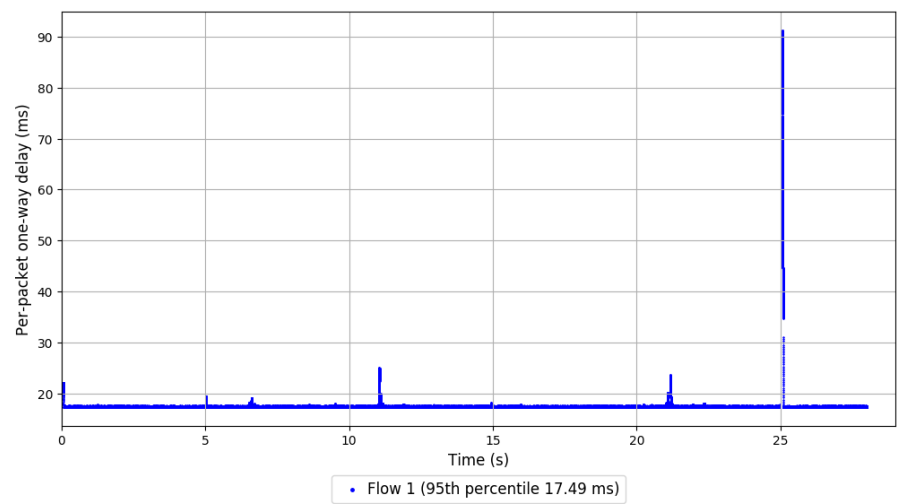
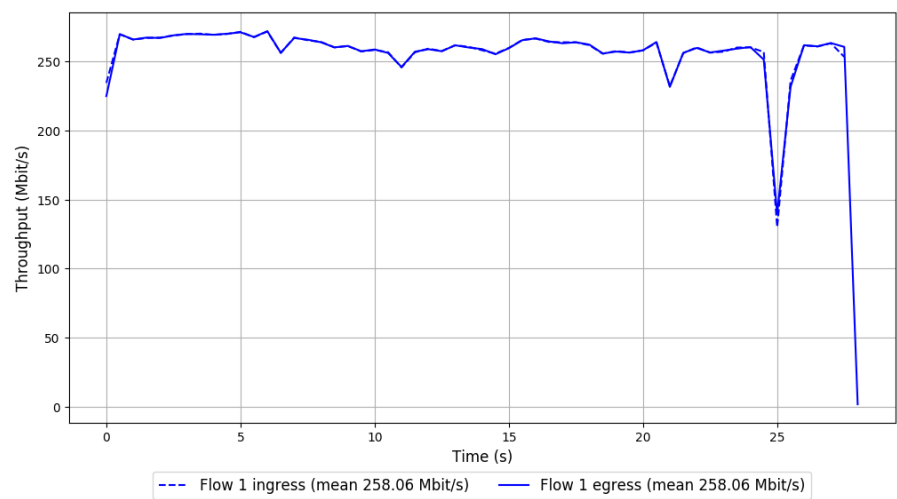
-- Flow 1:

Average throughput: 258.06 Mbit/s

95th percentile per-packet one-way delay: 17.492 ms

Loss rate: 0.00%

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

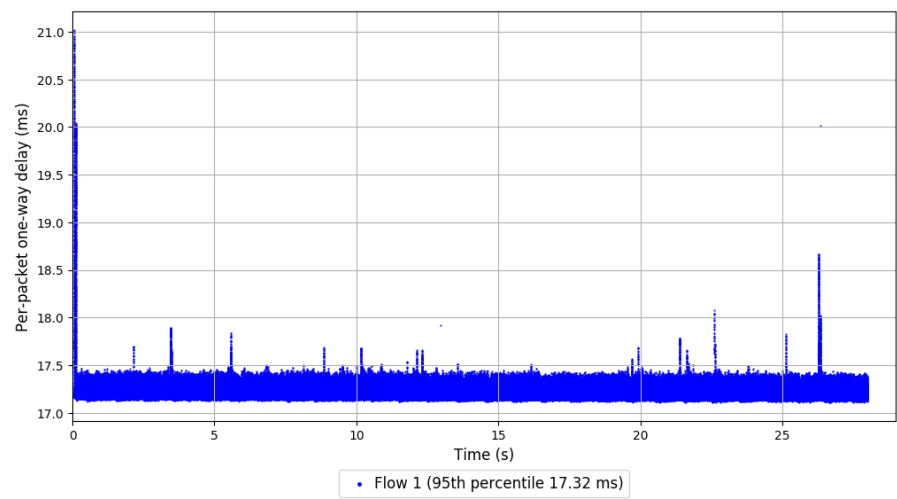
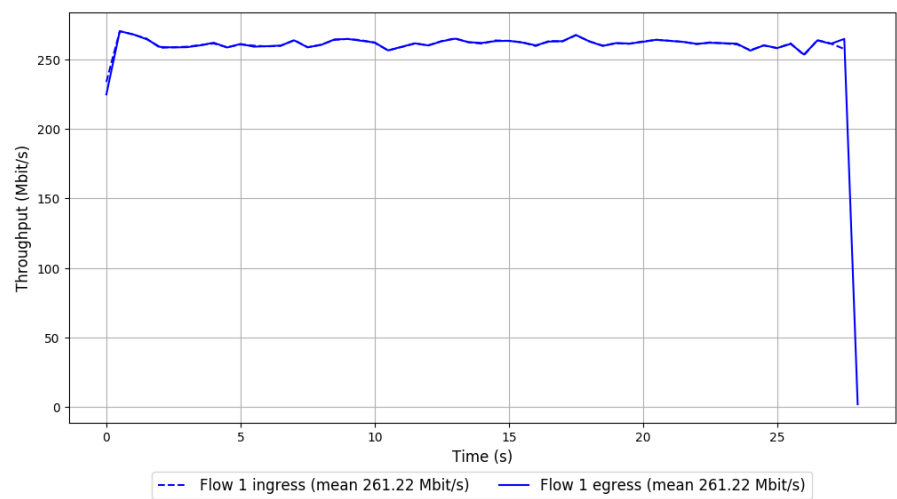


Run 6: Statistics of TaoVA-100x

Start at: 2018-01-16 16:29:03
End at: 2018-01-16 16:29:33
Local clock offset: -5.018 ms
Remote clock offset: -2.882 ms

Below is generated by plot.py at 2018-01-16 21:34:36
Datalink statistics
-- Total of 1 flow:
Average throughput: 261.22 Mbit/s
95th percentile per-packet one-way delay: 17.317 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 261.22 Mbit/s
95th percentile per-packet one-way delay: 17.317 ms
Loss rate: 0.00%

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

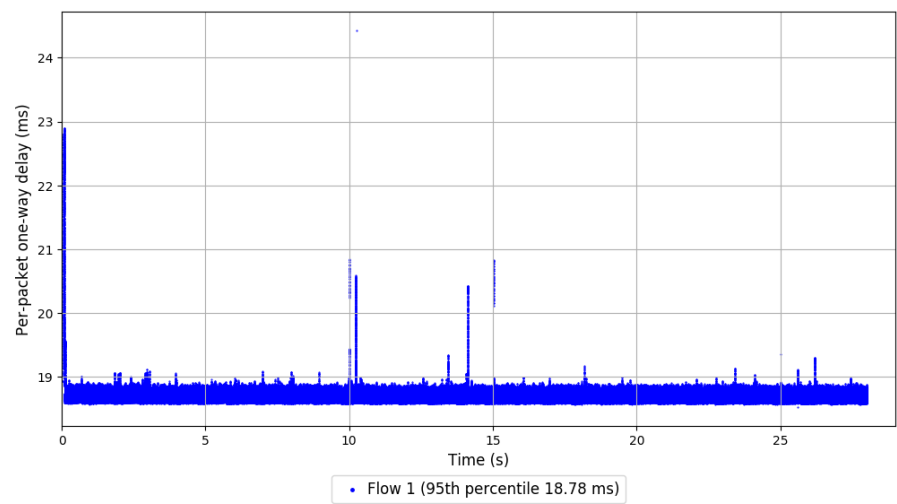
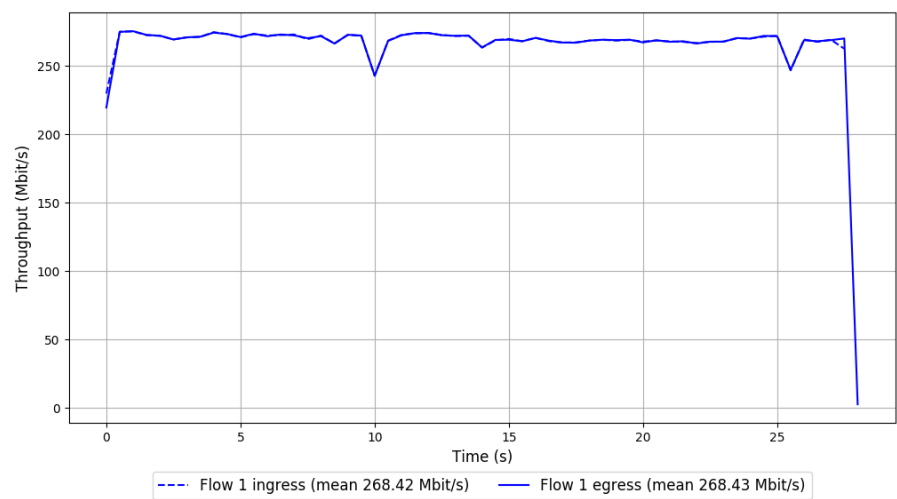


Run 7: Statistics of TaoVA-100x

Start at: 2018-01-16 16:54:39
End at: 2018-01-16 16:55:09
Local clock offset: -5.15 ms
Remote clock offset: -2.454 ms

Below is generated by plot.py at 2018-01-16 21:40:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 268.43 Mbit/s
95th percentile per-packet one-way delay: 18.782 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 268.43 Mbit/s
95th percentile per-packet one-way delay: 18.782 ms
Loss rate: 0.00%

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

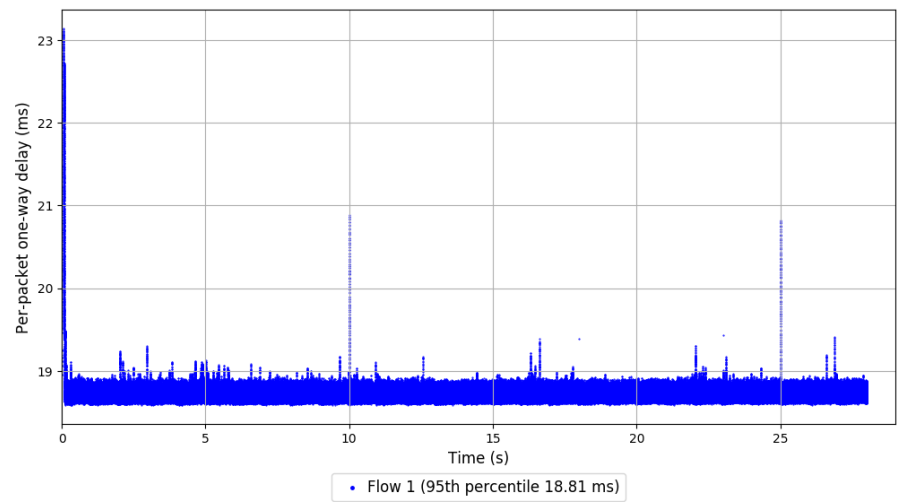
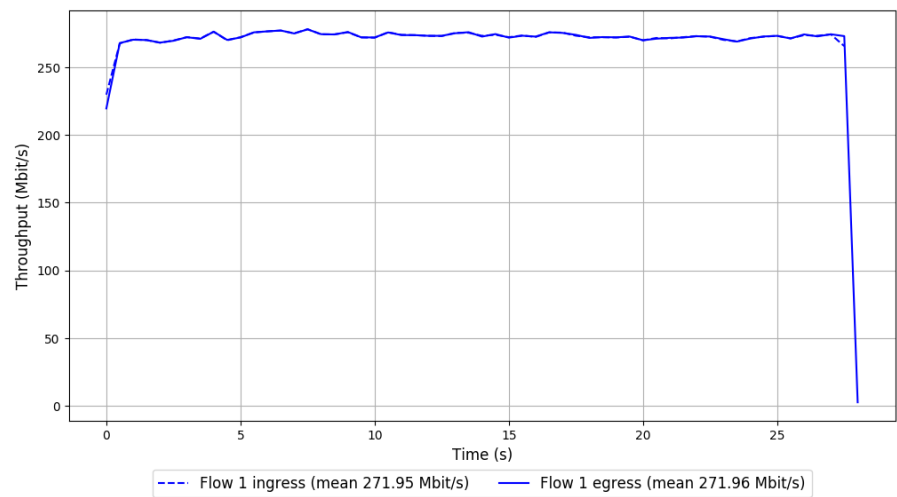


Run 8: Statistics of TaoVA-100x

Start at: 2018-01-16 17:20:15
End at: 2018-01-16 17:20:45
Local clock offset: -5.244 ms
Remote clock offset: -2.709 ms

Below is generated by plot.py at 2018-01-16 21:40:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 271.96 Mbit/s
95th percentile per-packet one-way delay: 18.809 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 271.96 Mbit/s
95th percentile per-packet one-way delay: 18.809 ms
Loss rate: 0.00%

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



Run 9: Statistics of TaoVA-100x

Start at: 2018-01-16 17:46:04

End at: 2018-01-16 17:46:34

Local clock offset: -5.375 ms

Remote clock offset: -3.452 ms

Below is generated by plot.py at 2018-01-16 21:40:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 269.40 Mbit/s

95th percentile per-packet one-way delay: 18.792 ms

Loss rate: 0.00%

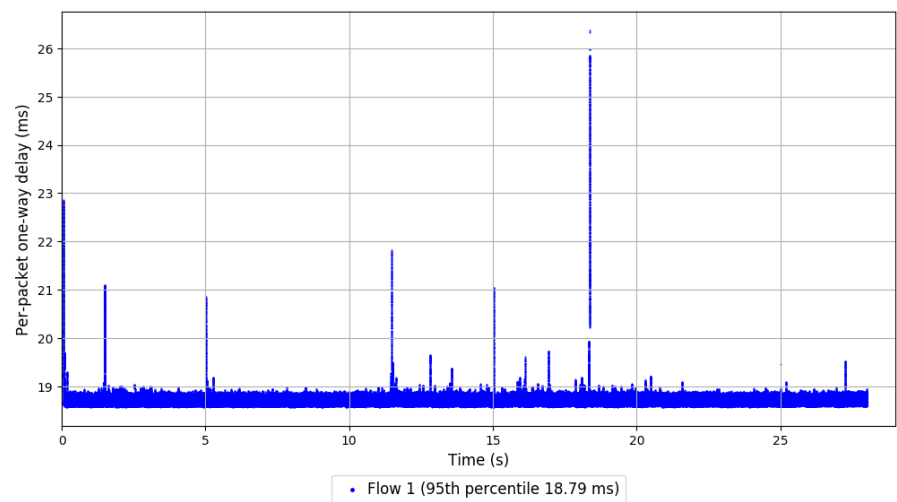
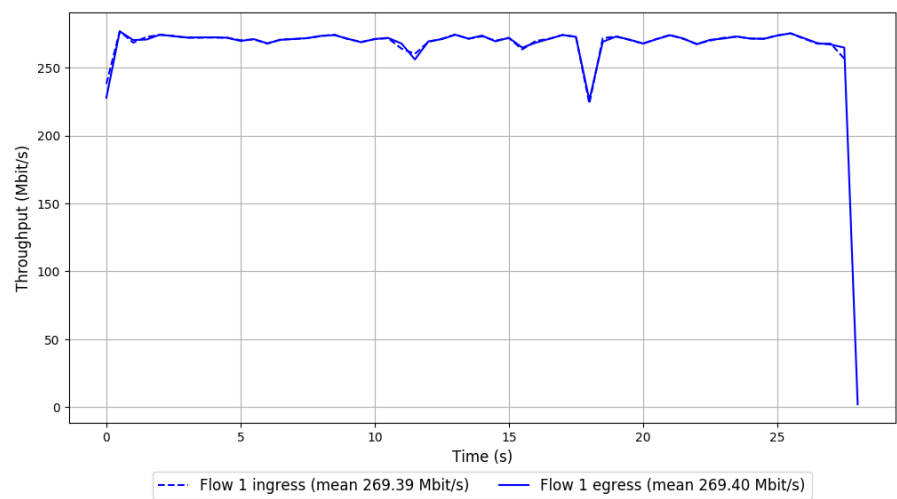
-- Flow 1:

Average throughput: 269.40 Mbit/s

95th percentile per-packet one-way delay: 18.792 ms

Loss rate: 0.00%

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

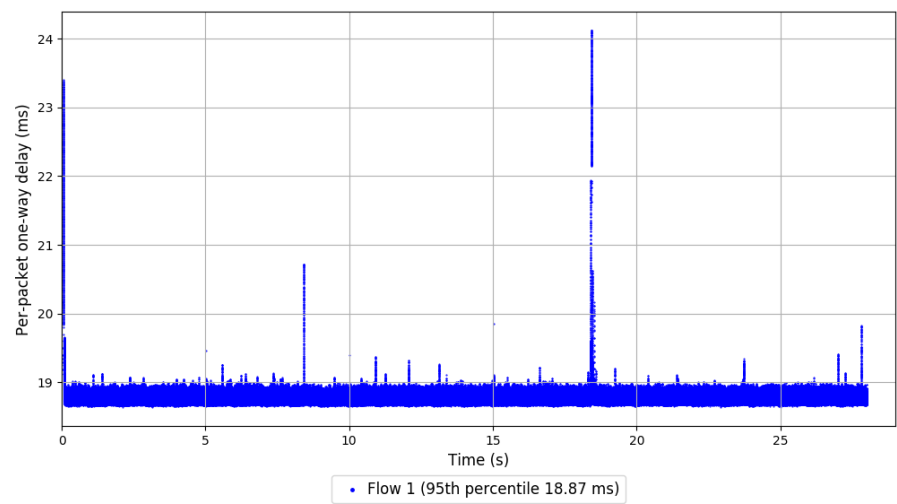
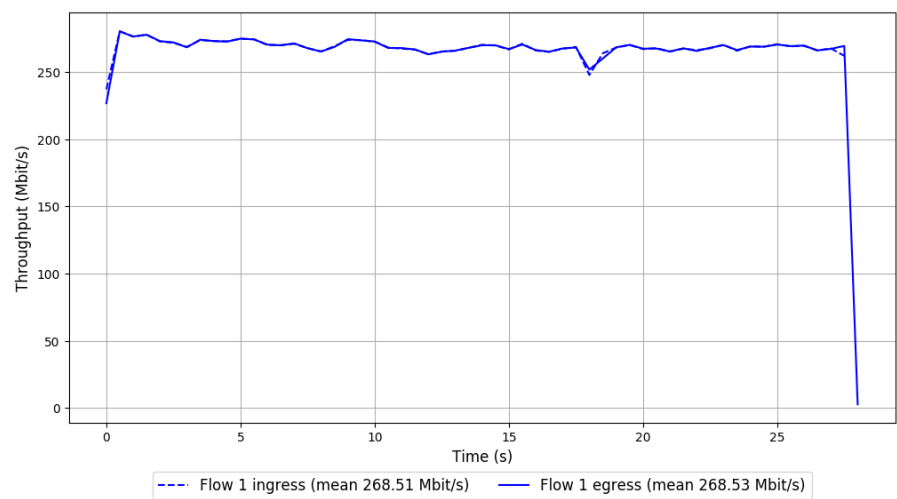


Run 10: Statistics of TaoVA-100x

Start at: 2018-01-16 18:11:45
End at: 2018-01-16 18:12:15
Local clock offset: -5.495 ms
Remote clock offset: -3.702 ms

Below is generated by plot.py at 2018-01-16 21:40:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 268.53 Mbit/s
95th percentile per-packet one-way delay: 18.870 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 268.53 Mbit/s
95th percentile per-packet one-way delay: 18.870 ms
Loss rate: 0.00%

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

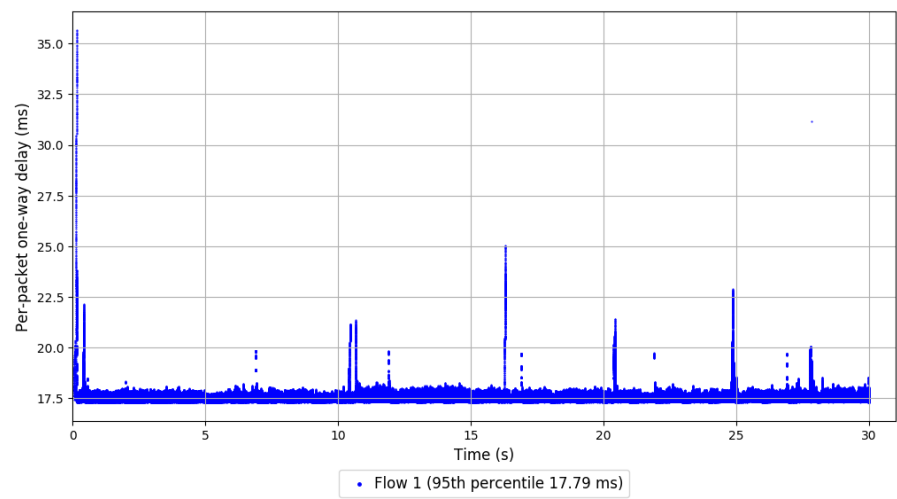
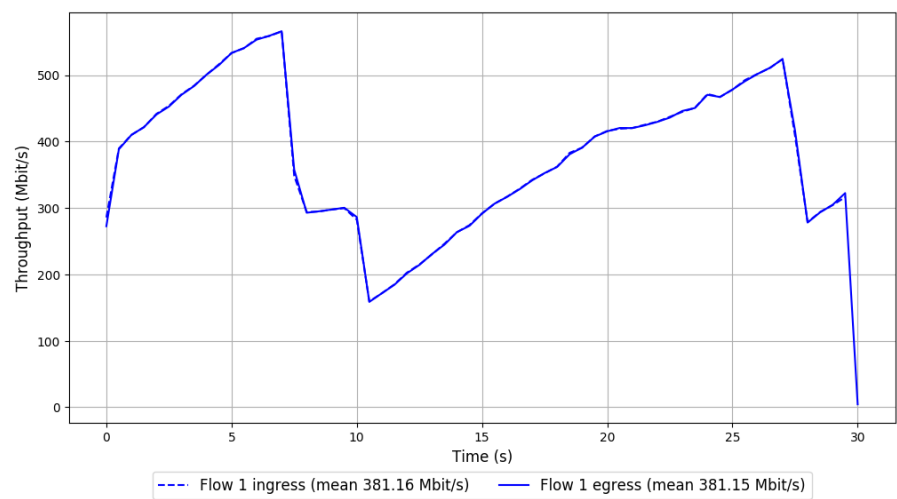


Run 1: Statistics of TCP Vegas

Start at: 2018-01-16 14:36:57
End at: 2018-01-16 14:37:28
Local clock offset: -3.134 ms
Remote clock offset: -2.139 ms

Below is generated by plot.py at 2018-01-16 21:40:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 381.15 Mbit/s
95th percentile per-packet one-way delay: 17.791 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 381.15 Mbit/s
95th percentile per-packet one-way delay: 17.791 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

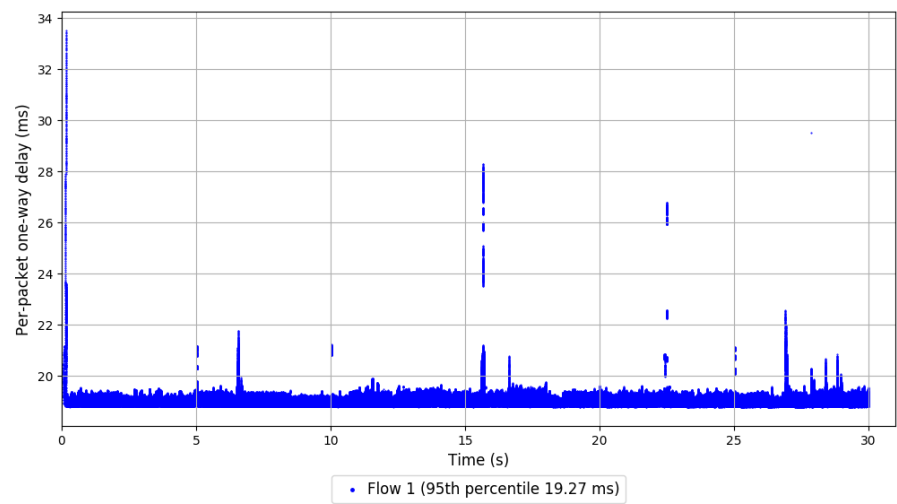
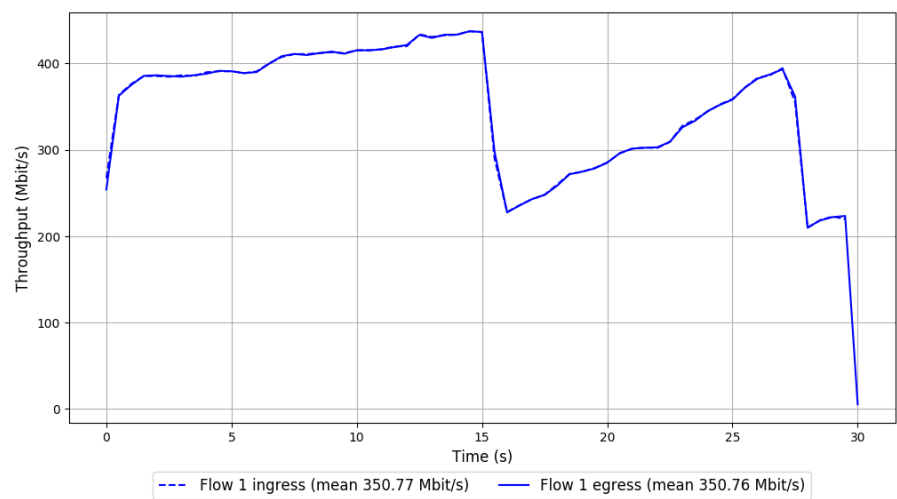


Run 2: Statistics of TCP Vegas

Start at: 2018-01-16 15:02:16
End at: 2018-01-16 15:02:46
Local clock offset: -3.589 ms
Remote clock offset: -2.203 ms

Below is generated by plot.py at 2018-01-16 21:40:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 350.76 Mbit/s
95th percentile per-packet one-way delay: 19.269 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 350.76 Mbit/s
95th percentile per-packet one-way delay: 19.269 ms
Loss rate: 0.01%

Run 2: Report of TCP Vegas — Data Link

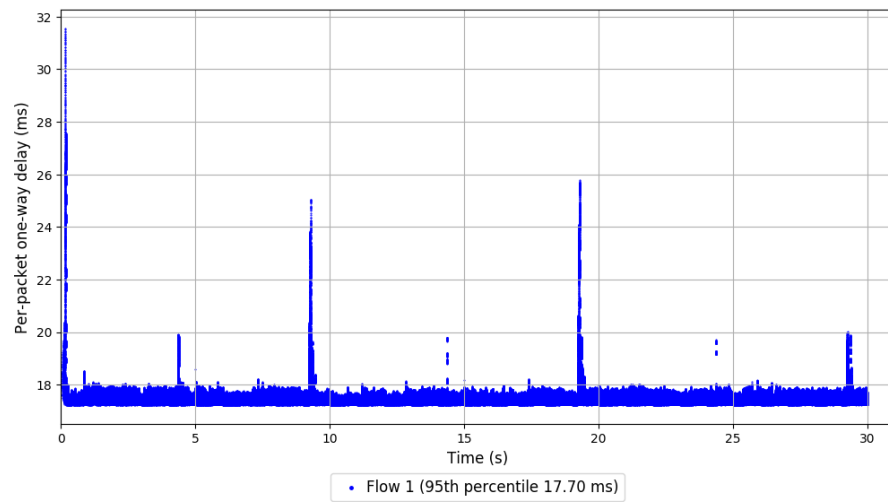
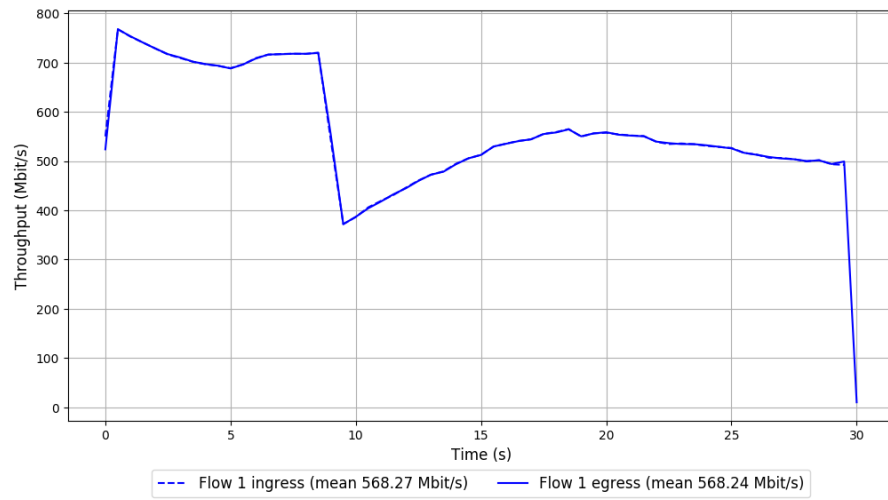


Run 3: Statistics of TCP Vegas

Start at: 2018-01-16 15:27:59
End at: 2018-01-16 15:28:29
Local clock offset: -4.099 ms
Remote clock offset: -2.435 ms

Below is generated by plot.py at 2018-01-16 21:41:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 568.24 Mbit/s
95th percentile per-packet one-way delay: 17.704 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 568.24 Mbit/s
95th percentile per-packet one-way delay: 17.704 ms
Loss rate: 0.01%

Run 3: Report of TCP Vegas — Data Link

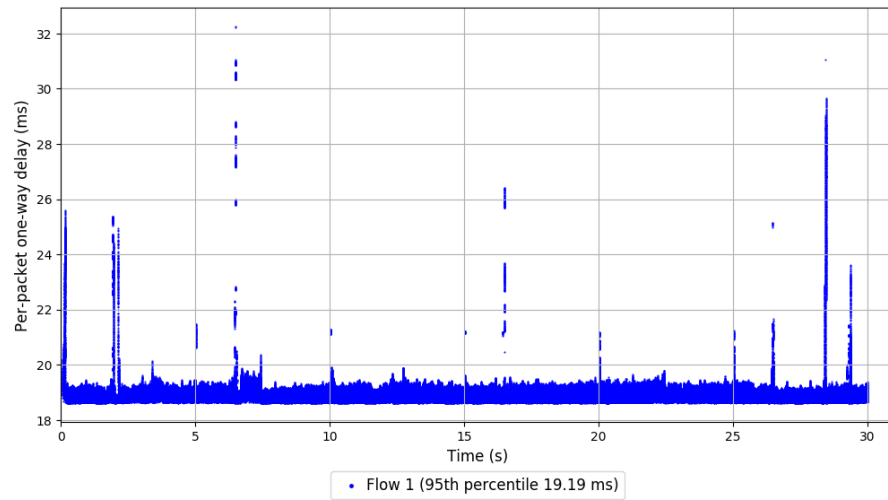
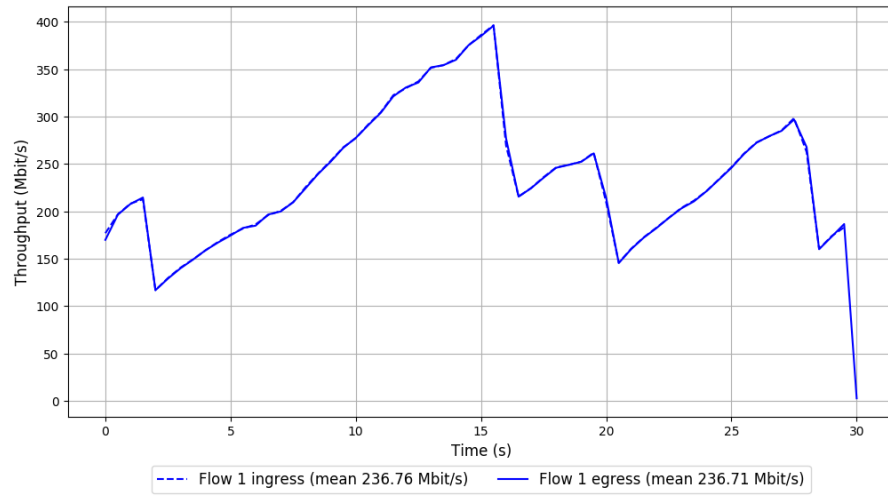


Run 4: Statistics of TCP Vegas

Start at: 2018-01-16 15:52:56
End at: 2018-01-16 15:53:26
Local clock offset: -4.607 ms
Remote clock offset: -2.513 ms

Below is generated by plot.py at 2018-01-16 21:41:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 236.71 Mbit/s
95th percentile per-packet one-way delay: 19.191 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 236.71 Mbit/s
95th percentile per-packet one-way delay: 19.191 ms
Loss rate: 0.02%

Run 4: Report of TCP Vegas — Data Link

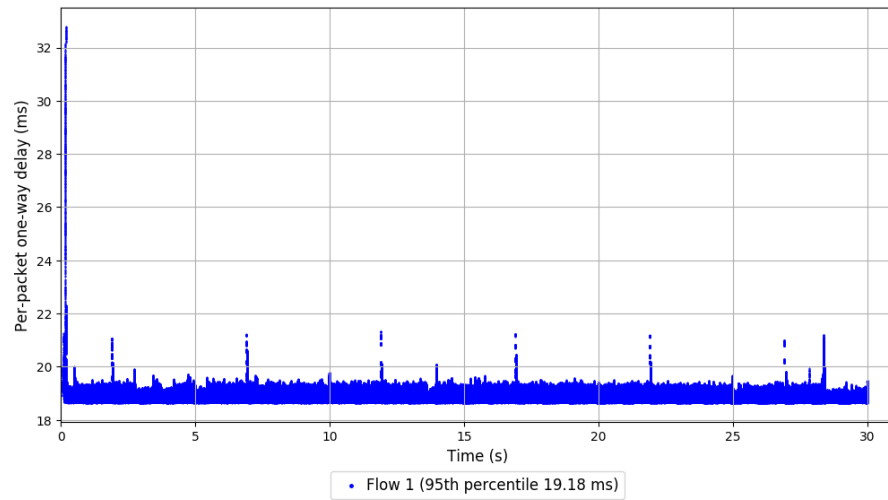
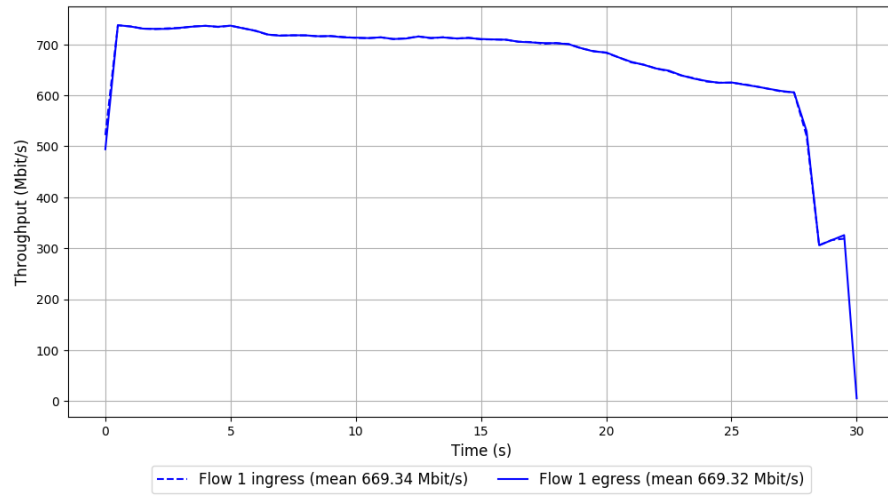


Run 5: Statistics of TCP Vegas

Start at: 2018-01-16 16:18:29
End at: 2018-01-16 16:18:59
Local clock offset: -4.928 ms
Remote clock offset: -2.842 ms

Below is generated by plot.py at 2018-01-16 21:47:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 669.32 Mbit/s
95th percentile per-packet one-way delay: 19.183 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 669.32 Mbit/s
95th percentile per-packet one-way delay: 19.183 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

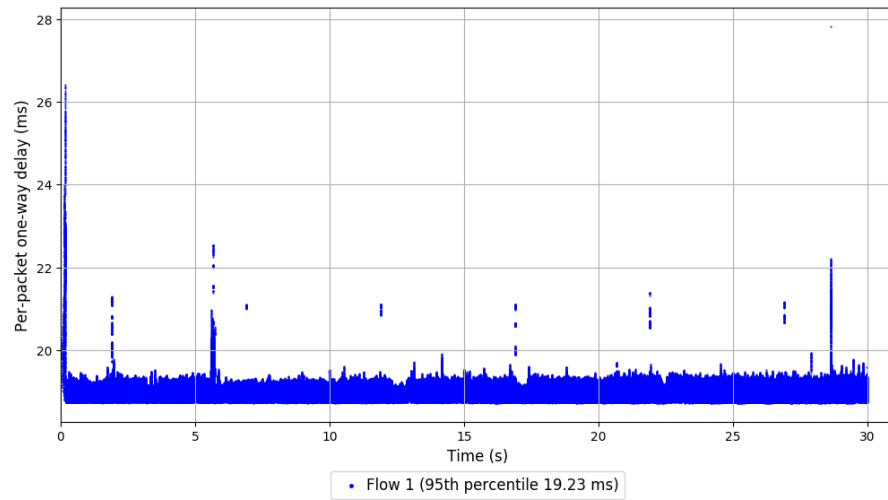
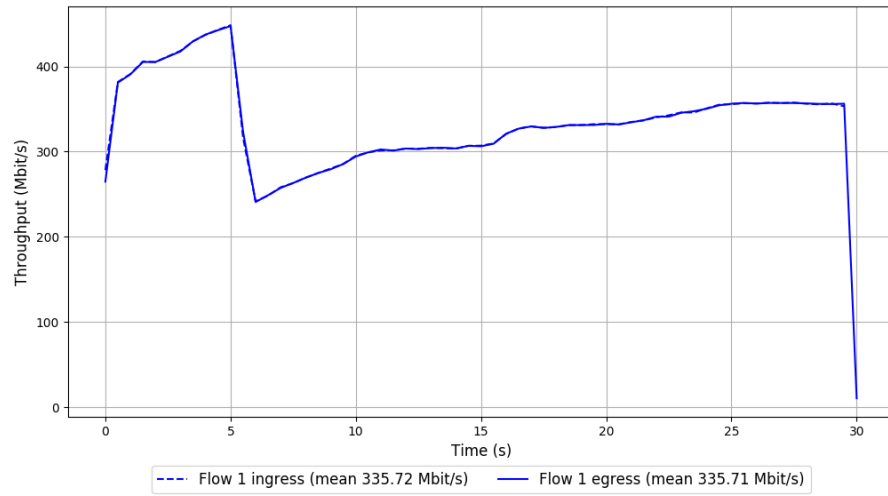


Run 6: Statistics of TCP Vegas

Start at: 2018-01-16 16:44:20
End at: 2018-01-16 16:44:50
Local clock offset: -5.203 ms
Remote clock offset: -2.562 ms

Below is generated by plot.py at 2018-01-16 21:47:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 335.71 Mbit/s
95th percentile per-packet one-way delay: 19.235 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 335.71 Mbit/s
95th percentile per-packet one-way delay: 19.235 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

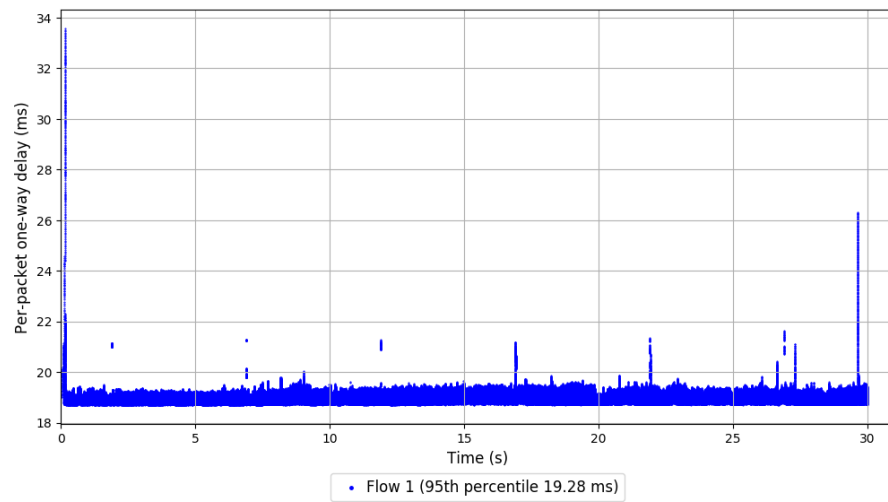
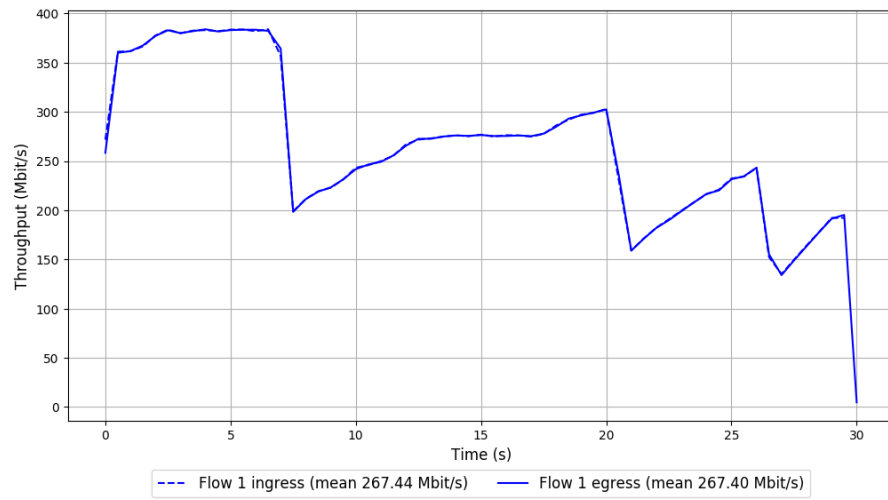


Run 7: Statistics of TCP Vegas

Start at: 2018-01-16 17:09:58
End at: 2018-01-16 17:10:28
Local clock offset: -5.254 ms
Remote clock offset: -2.376 ms

Below is generated by plot.py at 2018-01-16 21:47:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 267.40 Mbit/s
95th percentile per-packet one-way delay: 19.276 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 267.40 Mbit/s
95th percentile per-packet one-way delay: 19.276 ms
Loss rate: 0.01%

Run 7: Report of TCP Vegas — Data Link

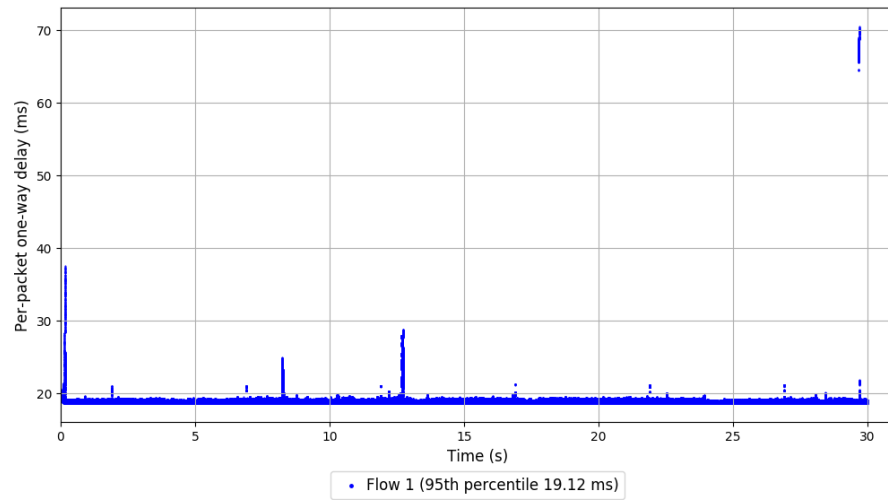
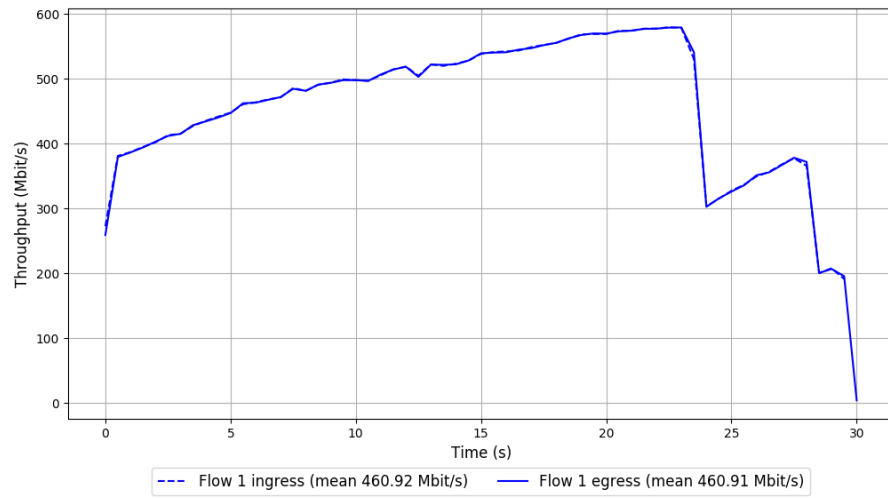


Run 8: Statistics of TCP Vegas

Start at: 2018-01-16 17:35:40
End at: 2018-01-16 17:36:10
Local clock offset: -5.329 ms
Remote clock offset: -3.196 ms

Below is generated by plot.py at 2018-01-16 21:47:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 460.91 Mbit/s
95th percentile per-packet one-way delay: 19.125 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 460.91 Mbit/s
95th percentile per-packet one-way delay: 19.125 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

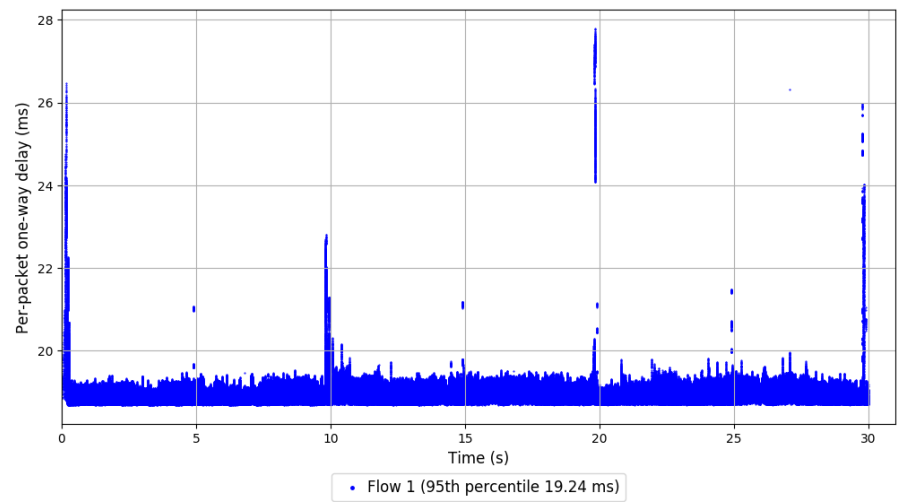
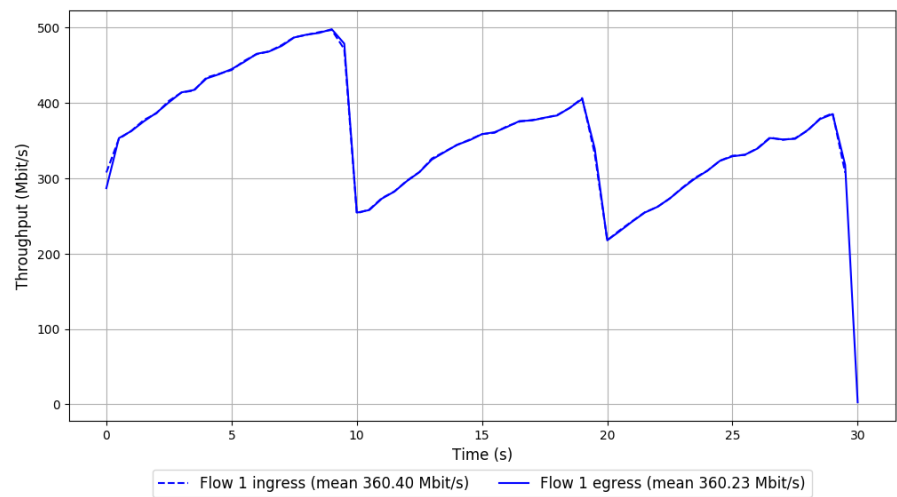


Run 9: Statistics of TCP Vegas

Start at: 2018-01-16 18:01:26
End at: 2018-01-16 18:01:56
Local clock offset: -5.458 ms
Remote clock offset: -3.507 ms

Below is generated by plot.py at 2018-01-16 21:47:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 360.23 Mbit/s
95th percentile per-packet one-way delay: 19.237 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 360.23 Mbit/s
95th percentile per-packet one-way delay: 19.237 ms
Loss rate: 0.05%

Run 9: Report of TCP Vegas — Data Link



Run 10: Statistics of TCP Vegas

Start at: 2018-01-16 18:27:03

End at: 2018-01-16 18:27:33

Local clock offset: -5.466 ms

Remote clock offset: -4.054 ms

Below is generated by plot.py at 2018-01-16 21:47:01

Datalink statistics

-- Total of 1 flow:

Average throughput: 322.58 Mbit/s

95th percentile per-packet one-way delay: 19.187 ms

Loss rate: 0.04%

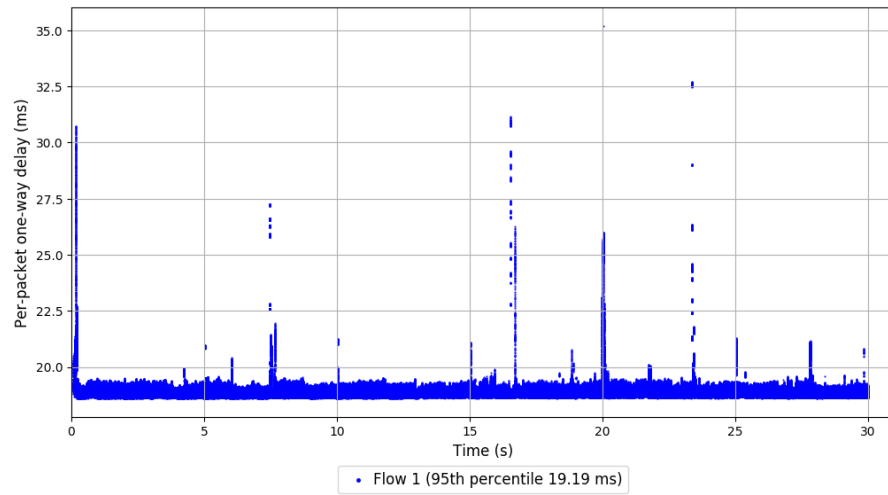
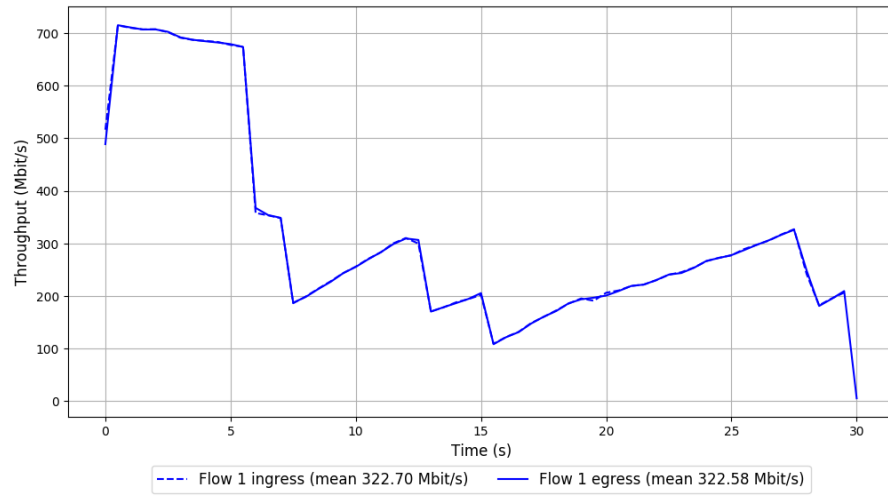
-- Flow 1:

Average throughput: 322.58 Mbit/s

95th percentile per-packet one-way delay: 19.187 ms

Loss rate: 0.04%

Run 10: Report of TCP Vegas — Data Link

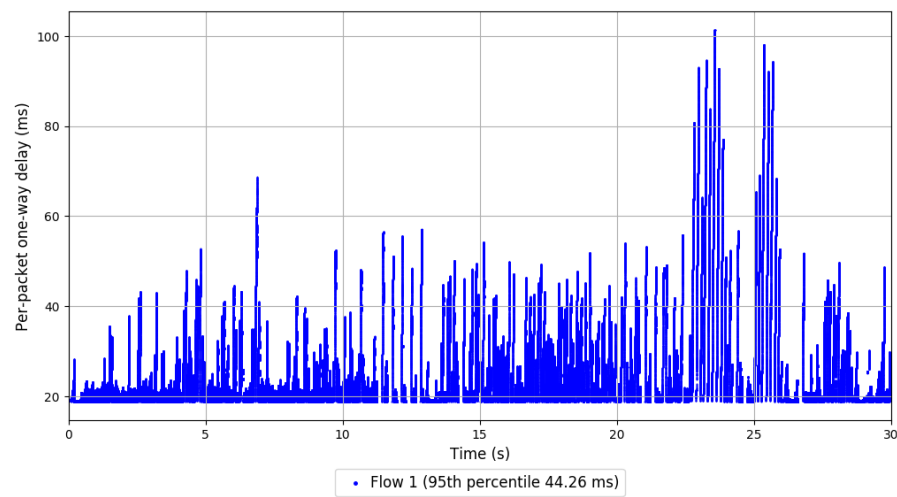
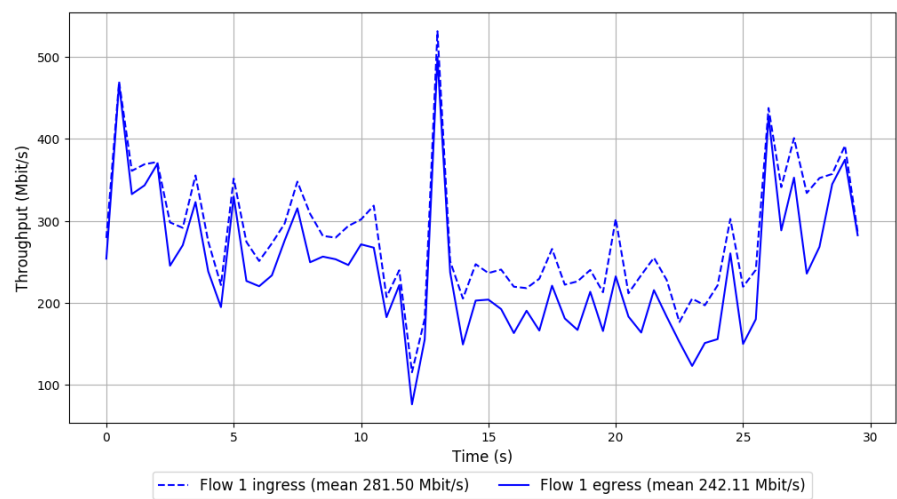


Run 1: Statistics of Verus

Start at: 2018-01-16 14:29:37
End at: 2018-01-16 14:30:07
Local clock offset: -3.231 ms
Remote clock offset: -1.909 ms

Below is generated by plot.py at 2018-01-16 21:47:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 242.11 Mbit/s
95th percentile per-packet one-way delay: 44.257 ms
Loss rate: 13.99%
-- Flow 1:
Average throughput: 242.11 Mbit/s
95th percentile per-packet one-way delay: 44.257 ms
Loss rate: 13.99%

Run 1: Report of Verus — Data Link

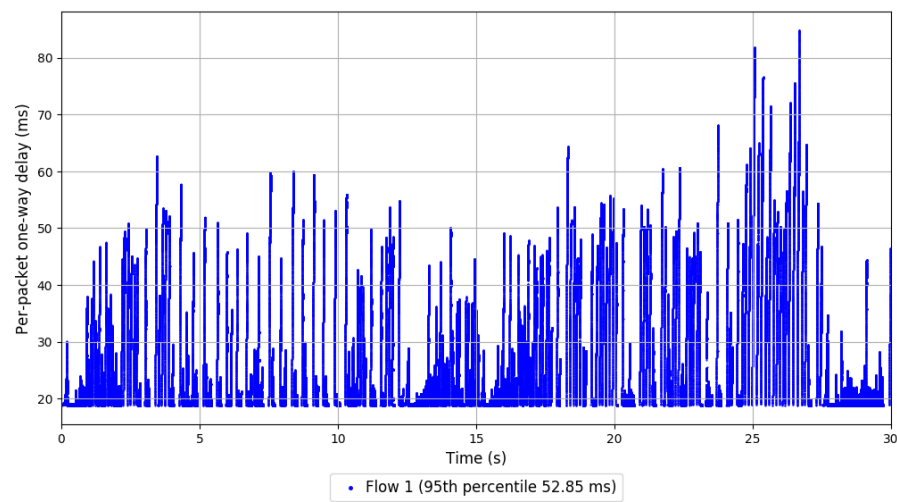
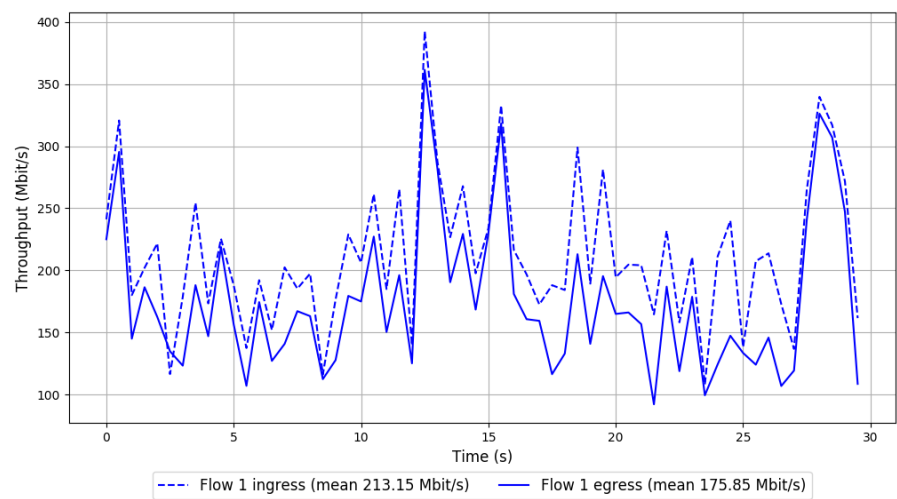


Run 2: Statistics of Verus

Start at: 2018-01-16 14:54:55
End at: 2018-01-16 14:55:25
Local clock offset: -3.394 ms
Remote clock offset: -2.169 ms

Below is generated by plot.py at 2018-01-16 21:47:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 175.85 Mbit/s
95th percentile per-packet one-way delay: 52.853 ms
Loss rate: 17.49%
-- Flow 1:
Average throughput: 175.85 Mbit/s
95th percentile per-packet one-way delay: 52.853 ms
Loss rate: 17.49%

Run 2: Report of Verus — Data Link

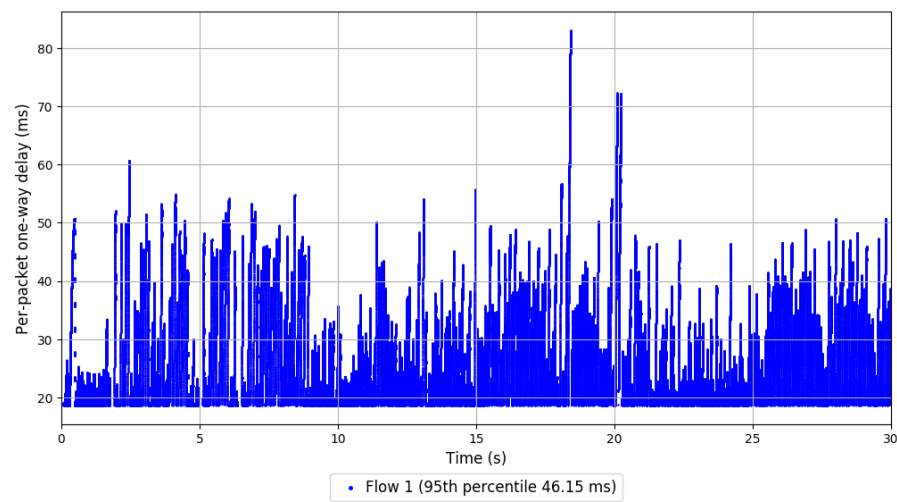
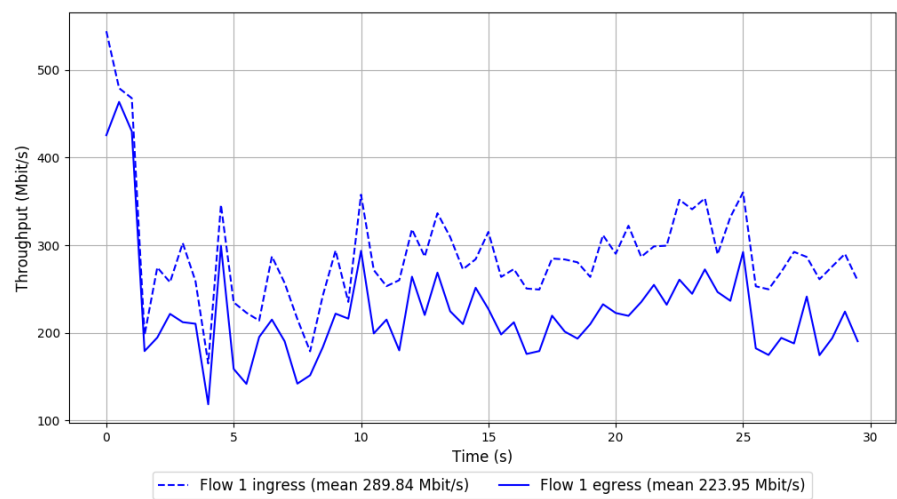


Run 3: Statistics of Verus

Start at: 2018-01-16 15:20:33
End at: 2018-01-16 15:21:03
Local clock offset: -3.943 ms
Remote clock offset: -2.283 ms

Below is generated by plot.py at 2018-01-16 21:47:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 223.95 Mbit/s
95th percentile per-packet one-way delay: 46.148 ms
Loss rate: 22.68%
-- Flow 1:
Average throughput: 223.95 Mbit/s
95th percentile per-packet one-way delay: 46.148 ms
Loss rate: 22.68%

Run 3: Report of Verus — Data Link

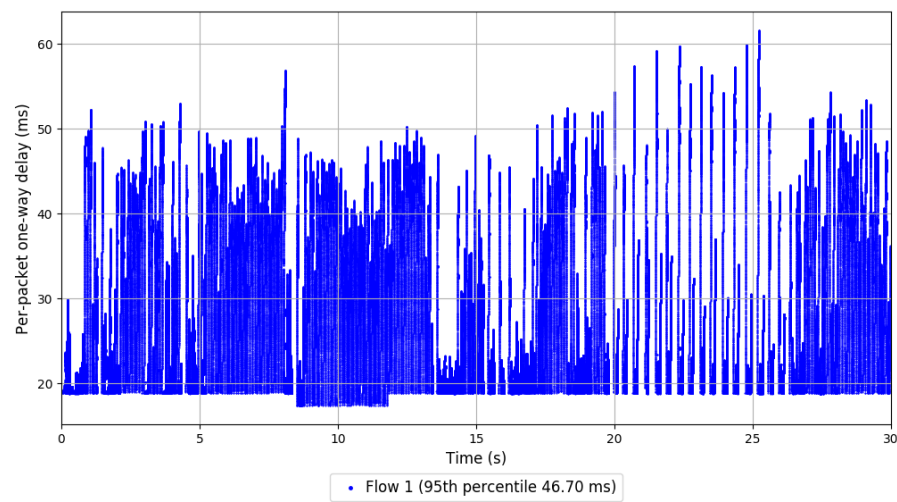
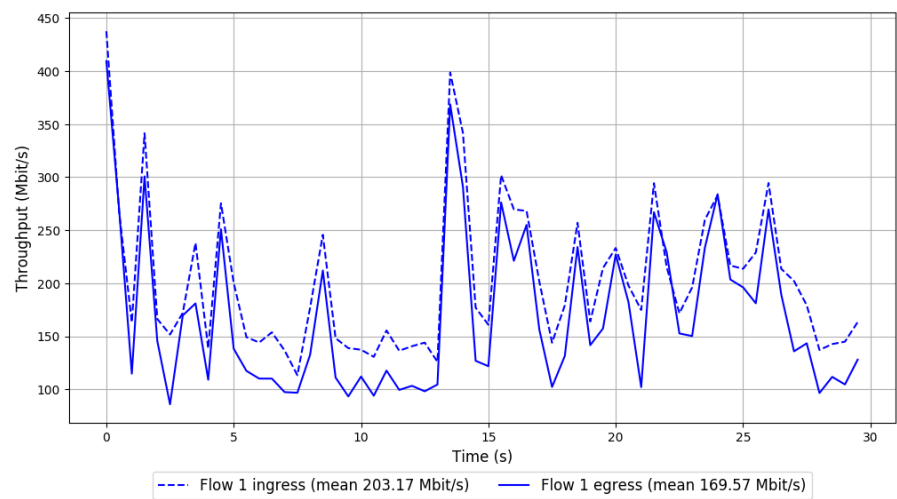


Run 4: Statistics of Verus

Start at: 2018-01-16 15:45:49
End at: 2018-01-16 15:46:19
Local clock offset: -4.535 ms
Remote clock offset: -2.478 ms

Below is generated by plot.py at 2018-01-16 21:47:01
Datalink statistics
-- Total of 1 flow:
Average throughput: 169.57 Mbit/s
95th percentile per-packet one-way delay: 46.698 ms
Loss rate: 16.54%
-- Flow 1:
Average throughput: 169.57 Mbit/s
95th percentile per-packet one-way delay: 46.698 ms
Loss rate: 16.54%

Run 4: Report of Verus — Data Link

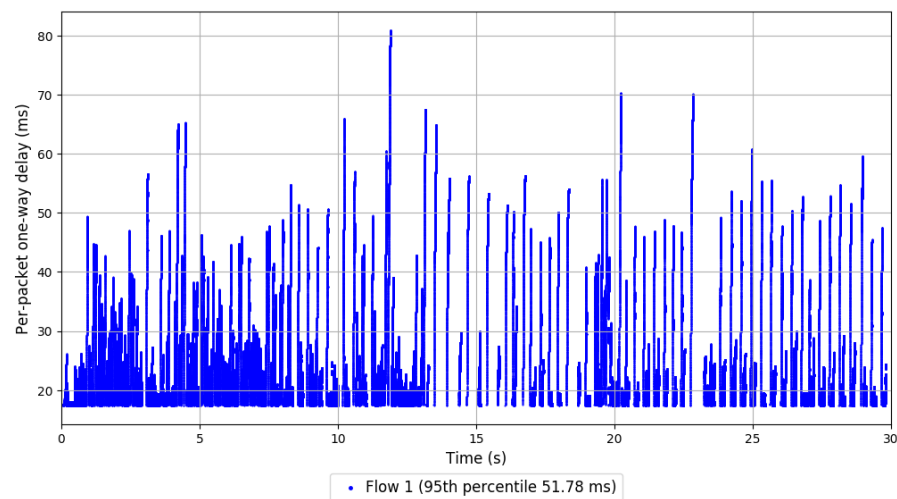
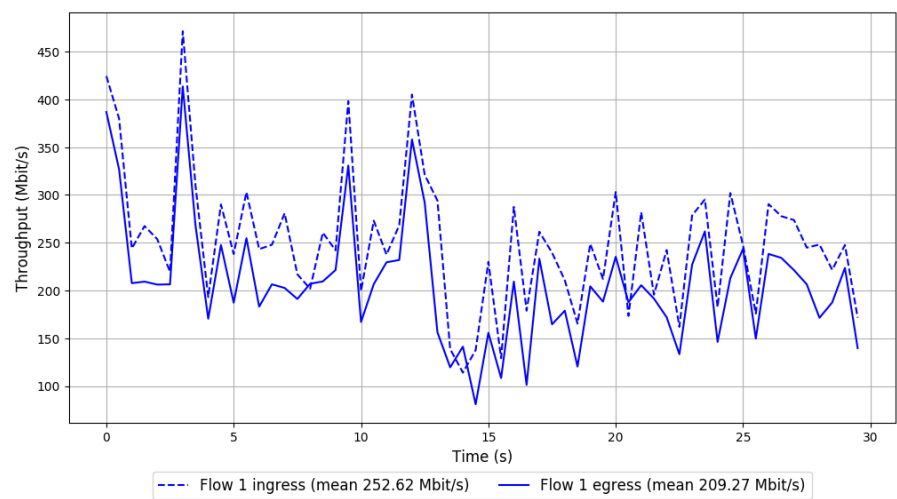


Run 5: Statistics of Verus

Start at: 2018-01-16 16:11:08
End at: 2018-01-16 16:11:38
Local clock offset: -4.949 ms
Remote clock offset: -2.833 ms

Below is generated by plot.py at 2018-01-16 21:47:13
Datalink statistics
-- Total of 1 flow:
Average throughput: 209.27 Mbit/s
95th percentile per-packet one-way delay: 51.779 ms
Loss rate: 17.14%
-- Flow 1:
Average throughput: 209.27 Mbit/s
95th percentile per-packet one-way delay: 51.779 ms
Loss rate: 17.14%

Run 5: Report of Verus — Data Link

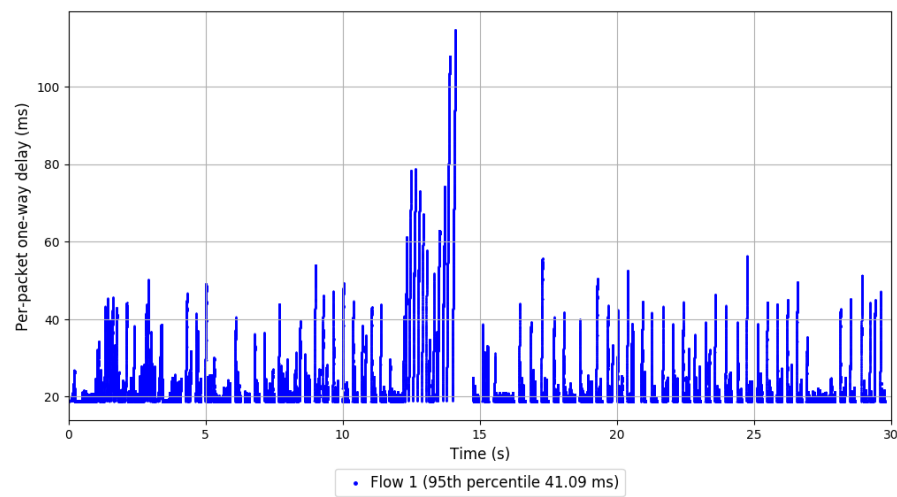
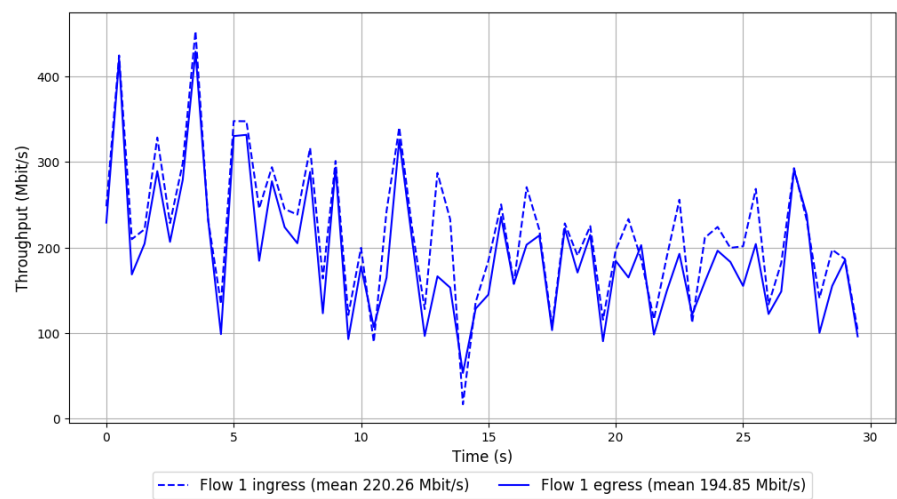


Run 6: Statistics of Verus

Start at: 2018-01-16 16:36:58
End at: 2018-01-16 16:37:28
Local clock offset: -5.098 ms
Remote clock offset: -2.655 ms

Below is generated by plot.py at 2018-01-16 21:47:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 194.85 Mbit/s
95th percentile per-packet one-way delay: 41.088 ms
Loss rate: 11.54%
-- Flow 1:
Average throughput: 194.85 Mbit/s
95th percentile per-packet one-way delay: 41.088 ms
Loss rate: 11.54%

Run 6: Report of Verus — Data Link

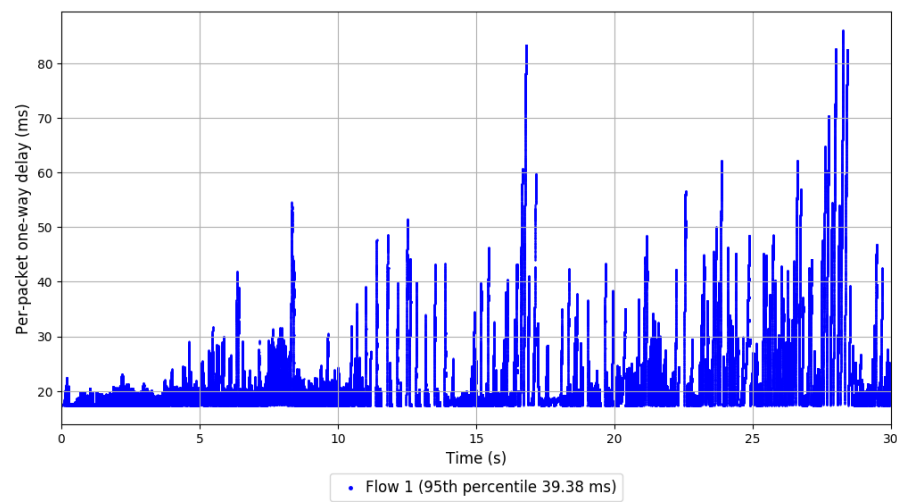
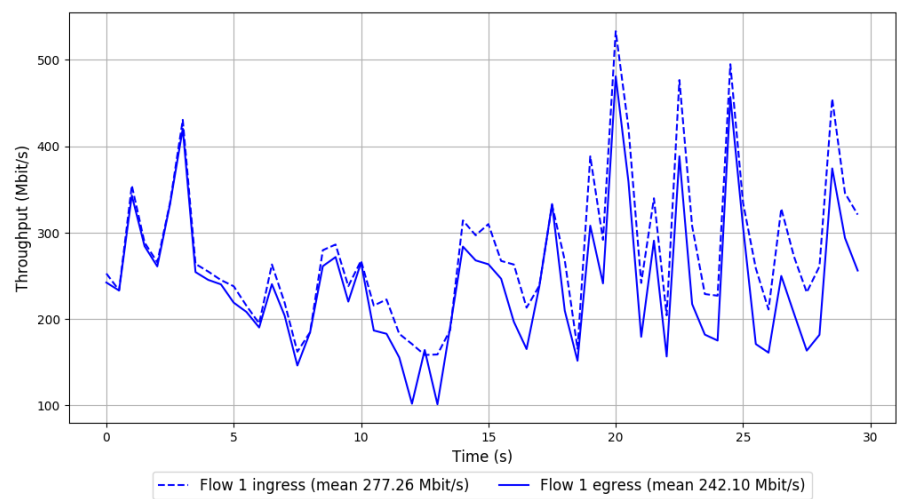


Run 7: Statistics of Verus

Start at: 2018-01-16 17:02:31
End at: 2018-01-16 17:03:01
Local clock offset: -5.239 ms
Remote clock offset: -2.308 ms

Below is generated by plot.py at 2018-01-16 21:48:22
Datalink statistics
-- Total of 1 flow:
Average throughput: 242.10 Mbit/s
95th percentile per-packet one-way delay: 39.375 ms
Loss rate: 12.68%
-- Flow 1:
Average throughput: 242.10 Mbit/s
95th percentile per-packet one-way delay: 39.375 ms
Loss rate: 12.68%

Run 7: Report of Verus — Data Link

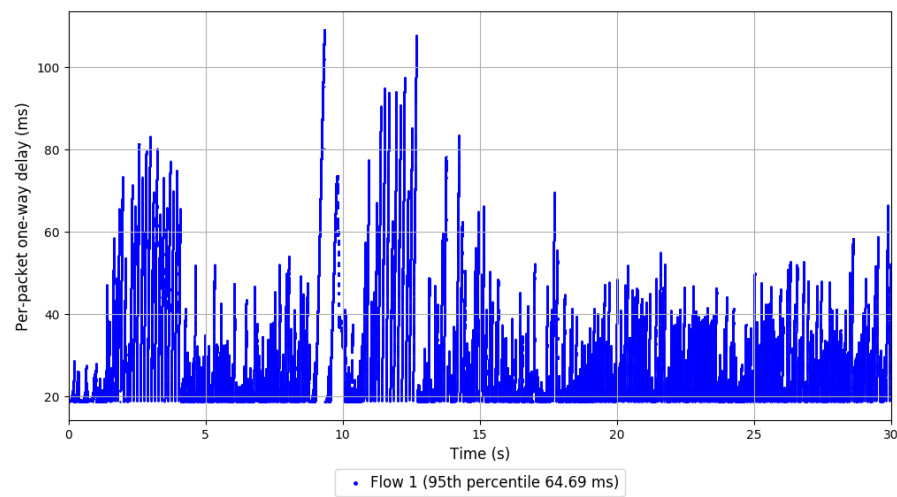
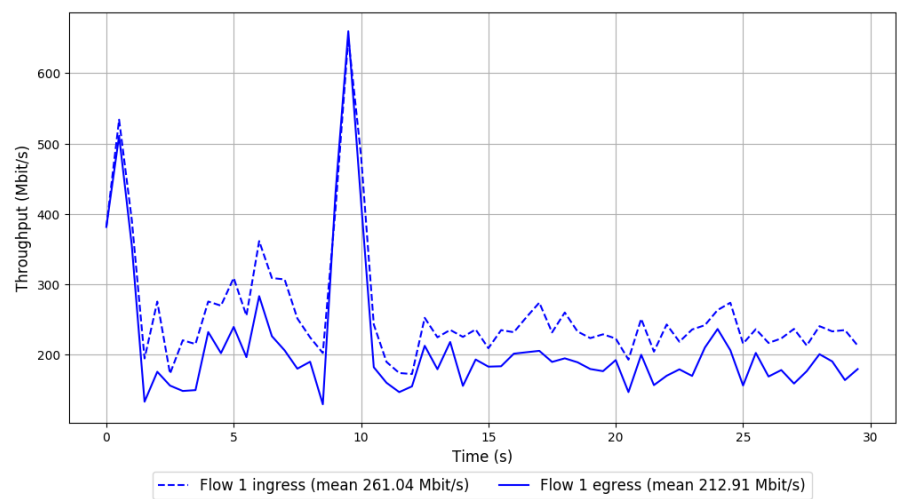


Run 8: Statistics of Verus

Start at: 2018-01-16 17:28:19
End at: 2018-01-16 17:28:49
Local clock offset: -5.329 ms
Remote clock offset: -2.992 ms

Below is generated by plot.py at 2018-01-16 21:48:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 212.91 Mbit/s
95th percentile per-packet one-way delay: 64.691 ms
Loss rate: 18.42%
-- Flow 1:
Average throughput: 212.91 Mbit/s
95th percentile per-packet one-way delay: 64.691 ms
Loss rate: 18.42%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-01-16 17:54:03

End at: 2018-01-16 17:54:33

Local clock offset: -5.513 ms

Remote clock offset: -3.63 ms

Below is generated by plot.py at 2018-01-16 21:49:50

Datalink statistics

-- Total of 1 flow:

Average throughput: 233.20 Mbit/s

95th percentile per-packet one-way delay: 55.522 ms

Loss rate: 20.77%

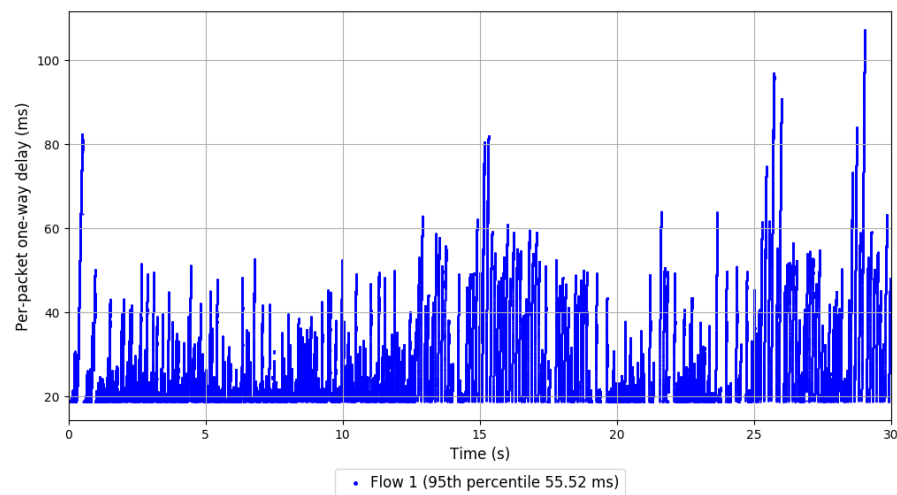
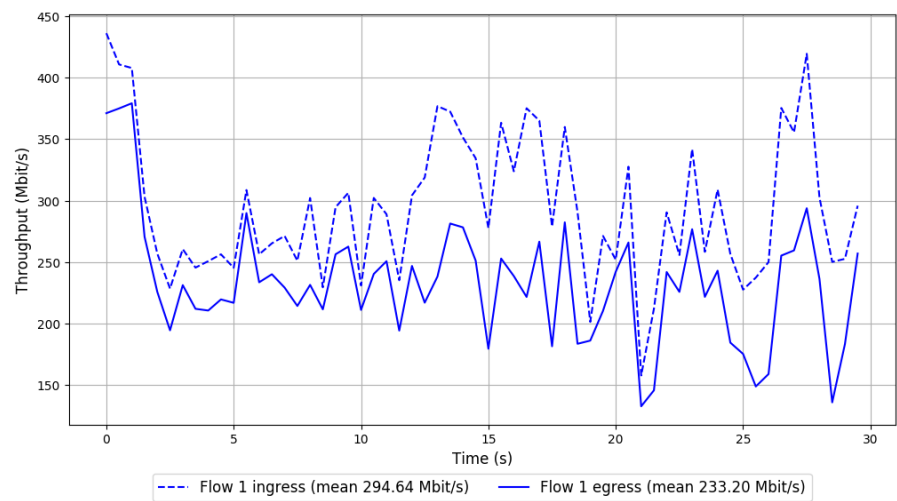
-- Flow 1:

Average throughput: 233.20 Mbit/s

95th percentile per-packet one-way delay: 55.522 ms

Loss rate: 20.77%

Run 9: Report of Verus — Data Link

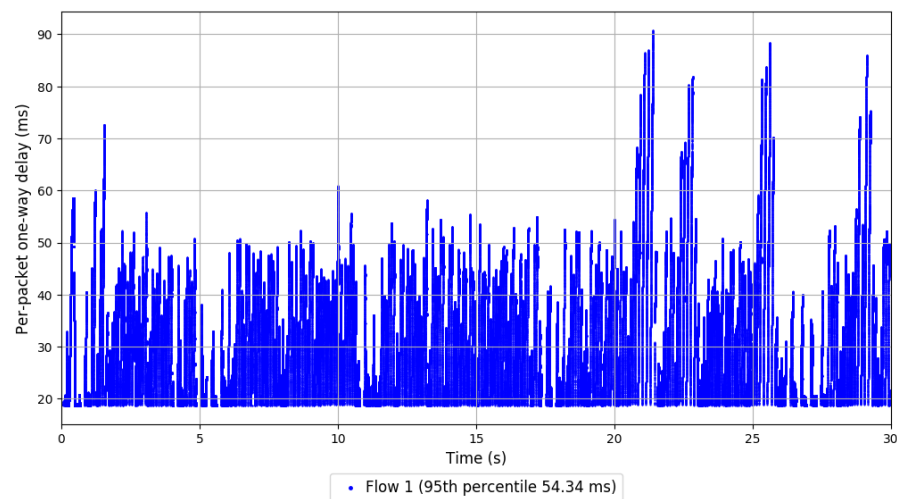
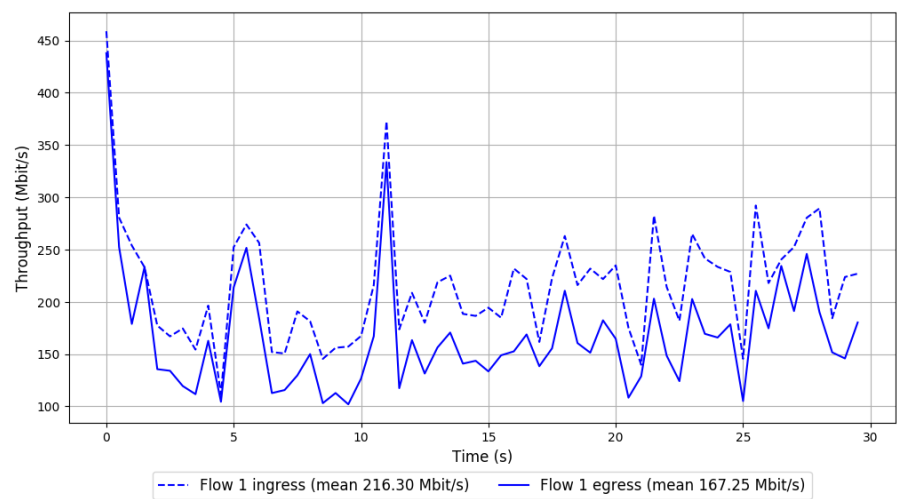


Run 10: Statistics of Verus

Start at: 2018-01-16 18:19:40
End at: 2018-01-16 18:20:10
Local clock offset: -5.474 ms
Remote clock offset: -3.824 ms

Below is generated by plot.py at 2018-01-16 21:49:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 167.25 Mbit/s
95th percentile per-packet one-way delay: 54.335 ms
Loss rate: 22.67%
-- Flow 1:
Average throughput: 167.25 Mbit/s
95th percentile per-packet one-way delay: 54.335 ms
Loss rate: 22.67%

Run 10: Report of Verus — Data Link



Run 1: Statistics of Copa

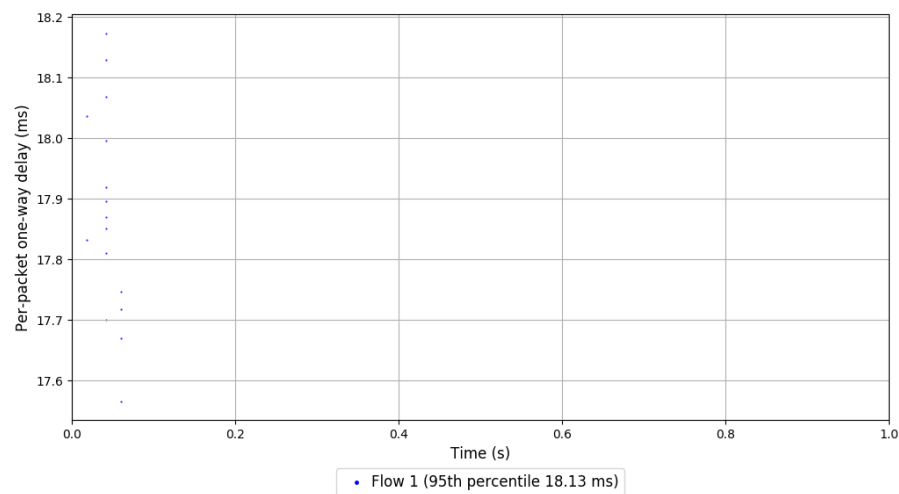
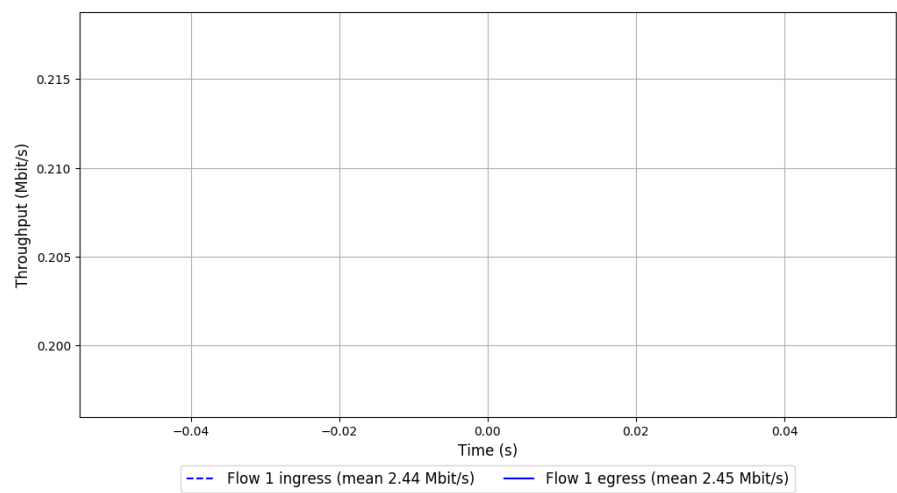
Start at: 2018-01-16 14:39:58

End at: 2018-01-16 14:40:28

Local clock offset: -3.229 ms

Remote clock offset: -2.241 ms

Run 1: Report of Copa — Data Link

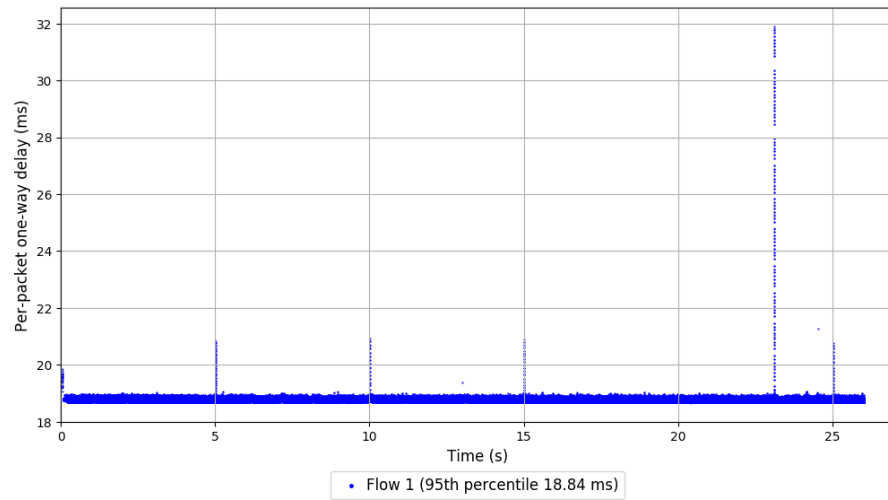
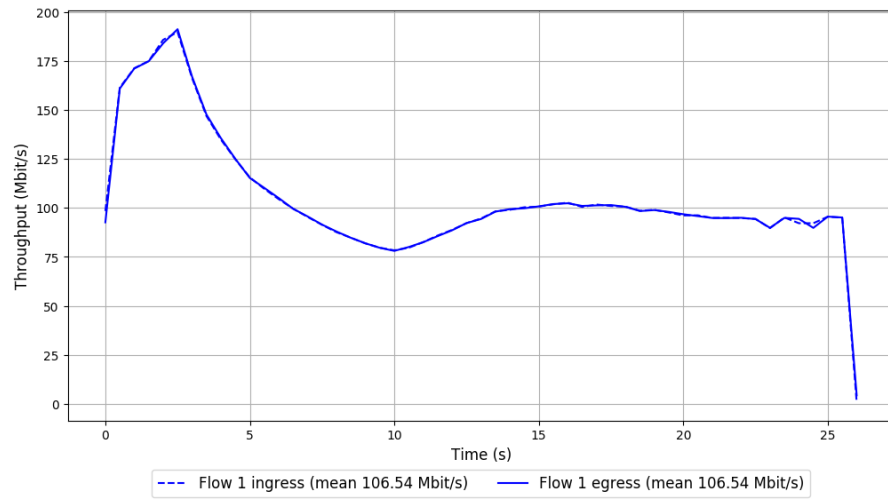


Run 2: Statistics of Copa

Start at: 2018-01-16 15:05:16
End at: 2018-01-16 15:05:46
Local clock offset: -3.55 ms
Remote clock offset: -2.142 ms

Below is generated by plot.py at 2018-01-16 21:49:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 106.54 Mbit/s
95th percentile per-packet one-way delay: 18.836 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 106.54 Mbit/s
95th percentile per-packet one-way delay: 18.836 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

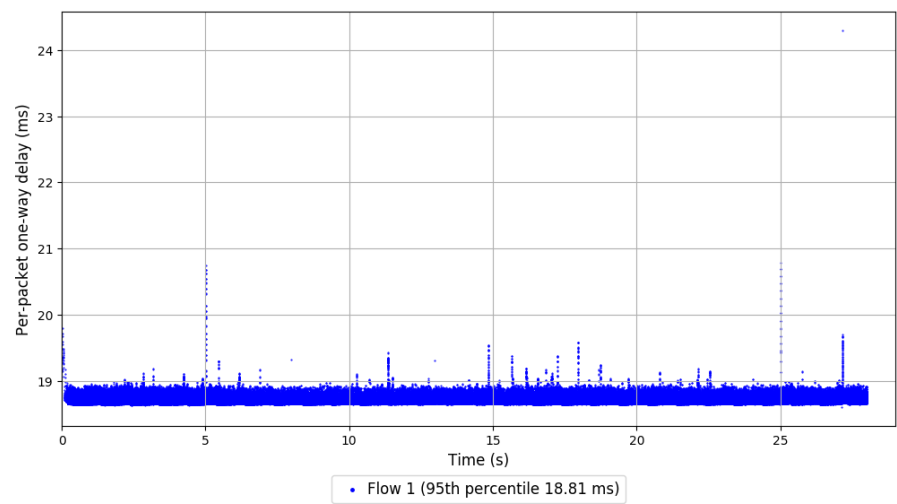
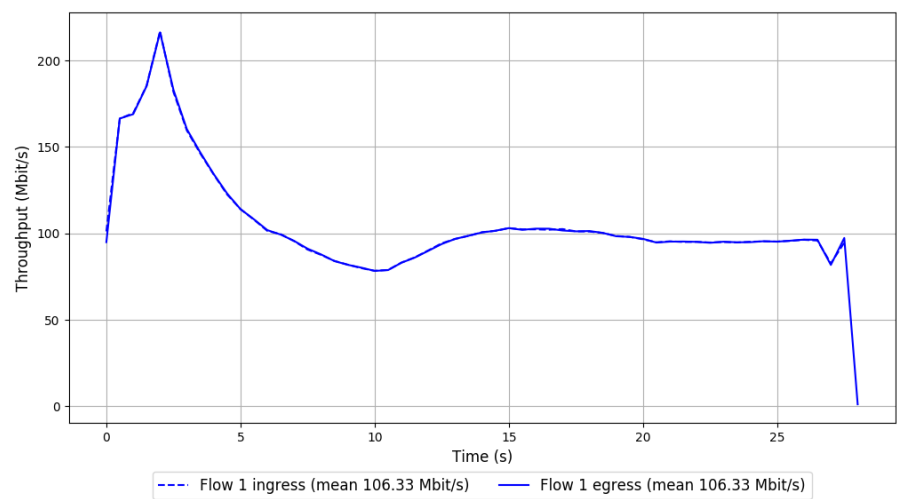


Run 3: Statistics of Copa

Start at: 2018-01-16 15:31:06
End at: 2018-01-16 15:31:36
Local clock offset: -4.158 ms
Remote clock offset: -2.513 ms

Below is generated by plot.py at 2018-01-16 21:49:50
Datalink statistics
-- Total of 1 flow:
Average throughput: 106.33 Mbit/s
95th percentile per-packet one-way delay: 18.812 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 106.33 Mbit/s
95th percentile per-packet one-way delay: 18.812 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

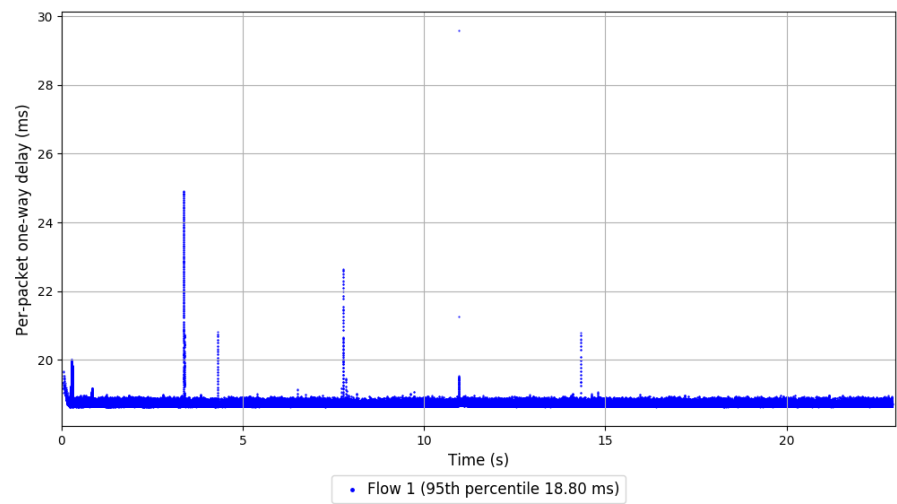
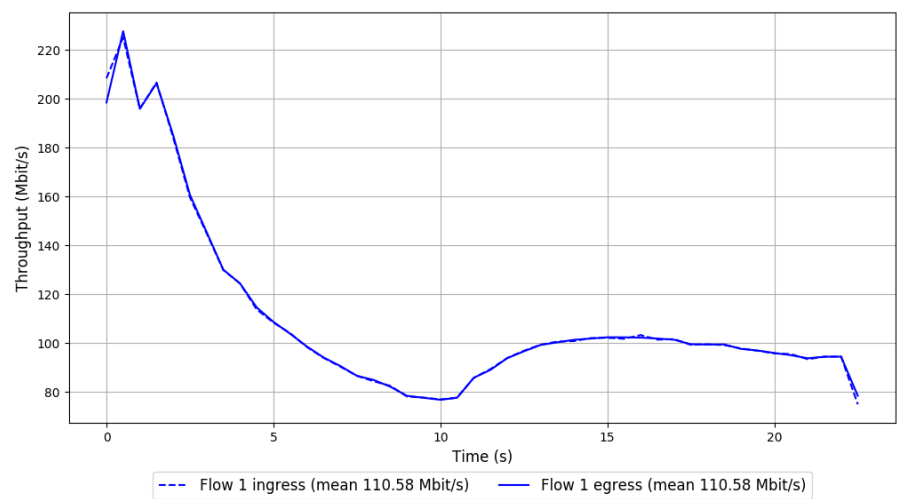
Start at: 2018-01-16 15:55:52

End at: 2018-01-16 15:56:22

Local clock offset: -4.66 ms

Remote clock offset: -2.558 ms

Run 4: Report of Copa — Data Link

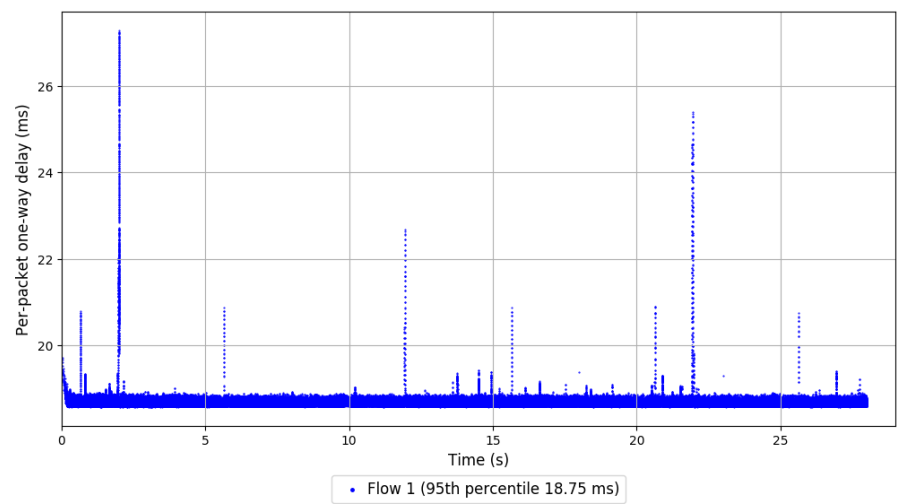
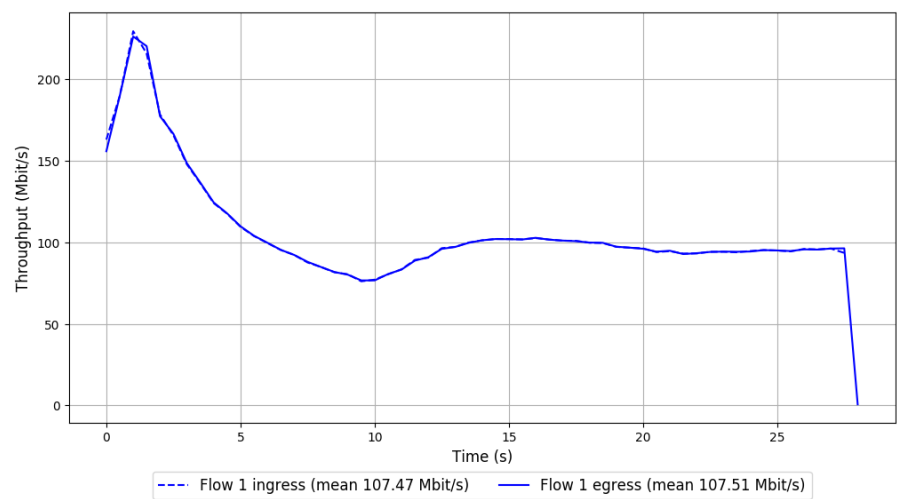


Run 5: Statistics of Copa

Start at: 2018-01-16 16:21:44
End at: 2018-01-16 16:22:14
Local clock offset: -4.952 ms
Remote clock offset: -2.893 ms

Below is generated by plot.py at 2018-01-16 21:50:03
Datalink statistics
-- Total of 1 flow:
Average throughput: 107.51 Mbit/s
95th percentile per-packet one-way delay: 18.755 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 107.51 Mbit/s
95th percentile per-packet one-way delay: 18.755 ms
Loss rate: 0.01%

Run 5: Report of Copa — Data Link

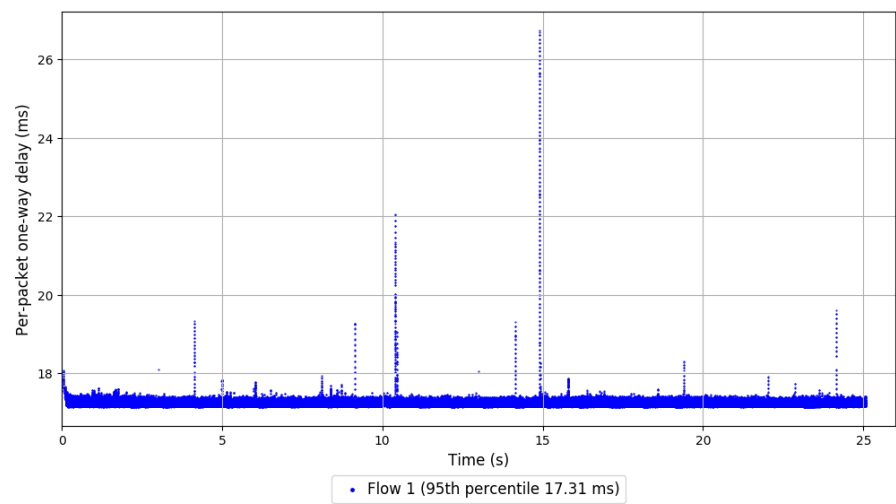
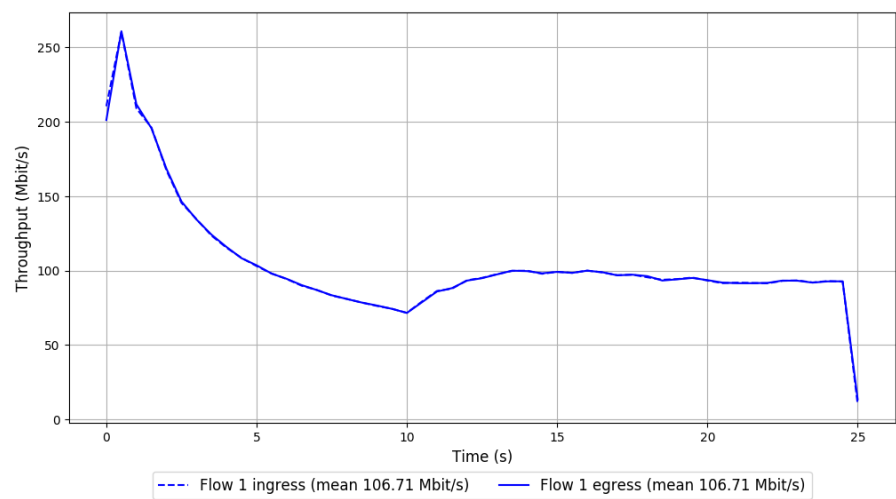


Run 6: Statistics of Copa

Start at: 2018-01-16 16:47:19
End at: 2018-01-16 16:47:49
Local clock offset: -5.14 ms
Remote clock offset: -2.598 ms

Below is generated by plot.py at 2018-01-16 21:50:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 106.71 Mbit/s
95th percentile per-packet one-way delay: 17.310 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 106.71 Mbit/s
95th percentile per-packet one-way delay: 17.310 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link



Run 7: Statistics of Copa

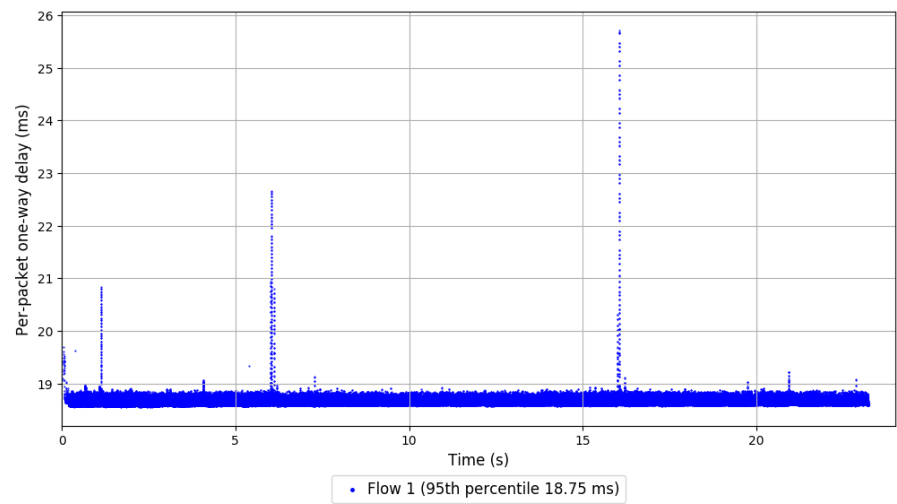
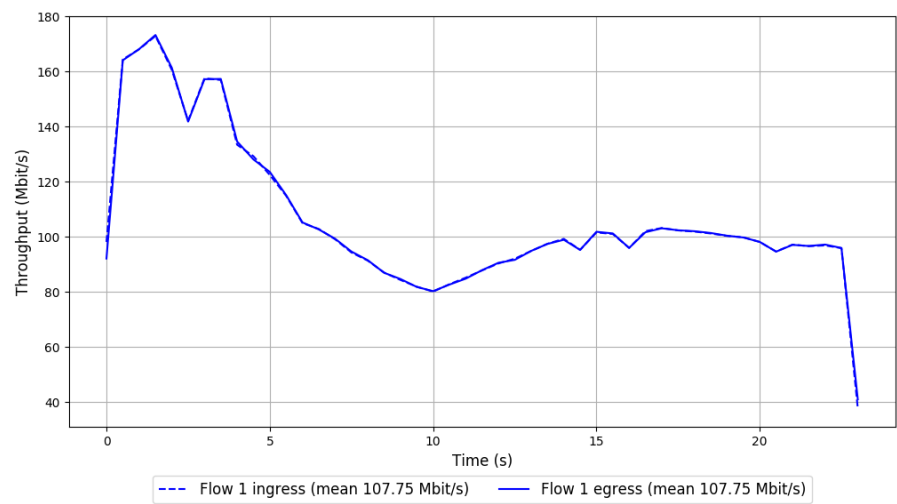
Start at: 2018-01-16 17:12:55

End at: 2018-01-16 17:13:25

Local clock offset: -5.182 ms

Remote clock offset: -2.485 ms

Run 7: Report of Copa — Data Link

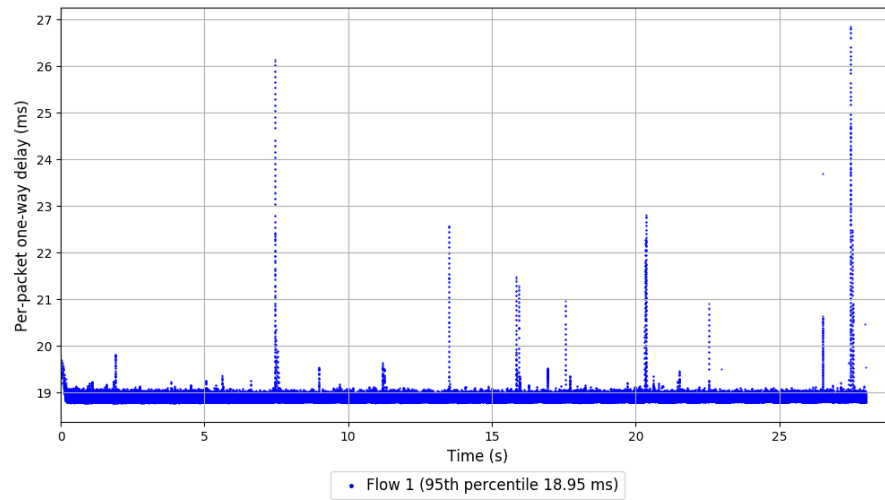
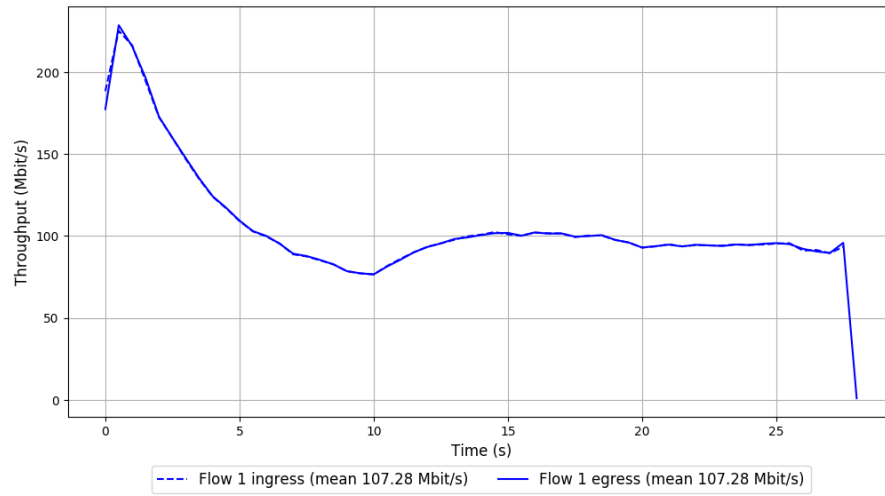


Run 8: Statistics of Copa

Start at: 2018-01-16 17:38:43
End at: 2018-01-16 17:39:13
Local clock offset: -5.447 ms
Remote clock offset: -3.206 ms

Below is generated by plot.py at 2018-01-16 21:51:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 107.28 Mbit/s
95th percentile per-packet one-way delay: 18.955 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 107.28 Mbit/s
95th percentile per-packet one-way delay: 18.955 ms
Loss rate: 0.01%

Run 8: Report of Copa — Data Link

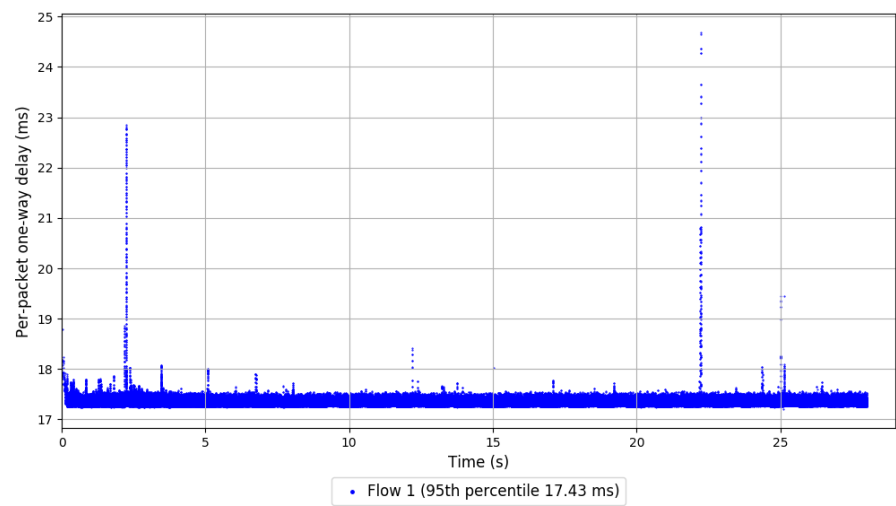
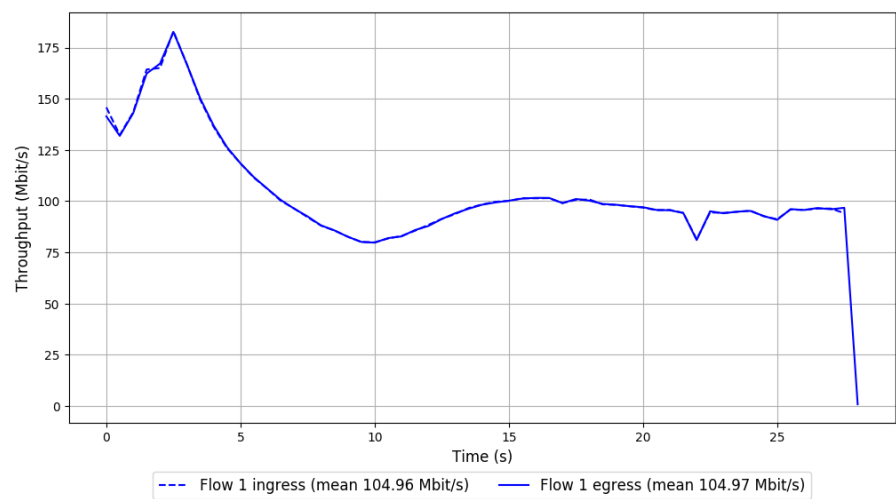


Run 9: Statistics of Copa

Start at: 2018-01-16 18:04:27
End at: 2018-01-16 18:04:57
Local clock offset: -5.573 ms
Remote clock offset: -3.655 ms

Below is generated by plot.py at 2018-01-16 21:51:42
Datalink statistics
-- Total of 1 flow:
Average throughput: 104.97 Mbit/s
95th percentile per-packet one-way delay: 17.430 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 104.97 Mbit/s
95th percentile per-packet one-way delay: 17.430 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

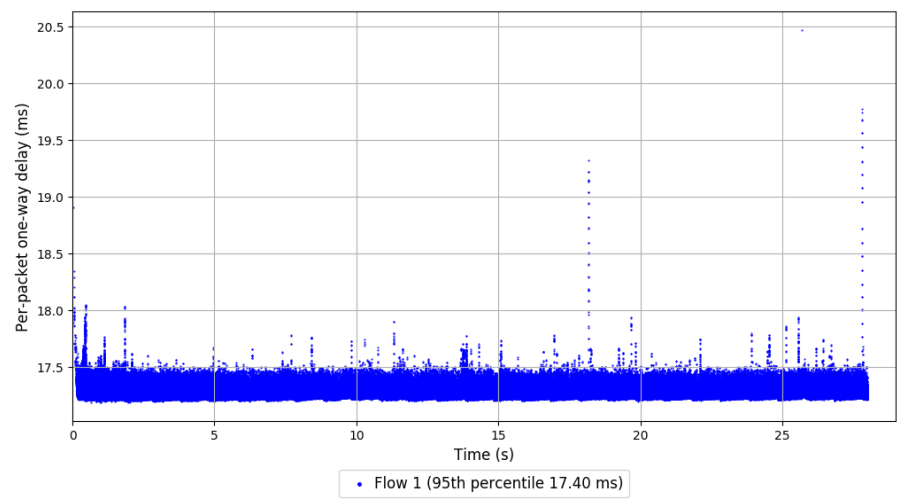
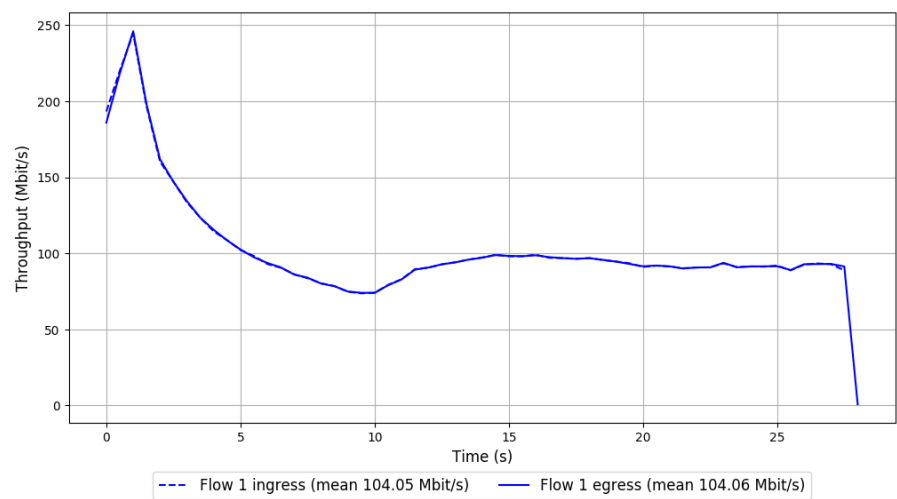


Run 10: Statistics of Copa

Start at: 2018-01-16 18:30:02
End at: 2018-01-16 18:30:32
Local clock offset: -5.428 ms
Remote clock offset: -4.043 ms

Below is generated by plot.py at 2018-01-16 21:51:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 104.06 Mbit/s
95th percentile per-packet one-way delay: 17.404 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 104.06 Mbit/s
95th percentile per-packet one-way delay: 17.404 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link

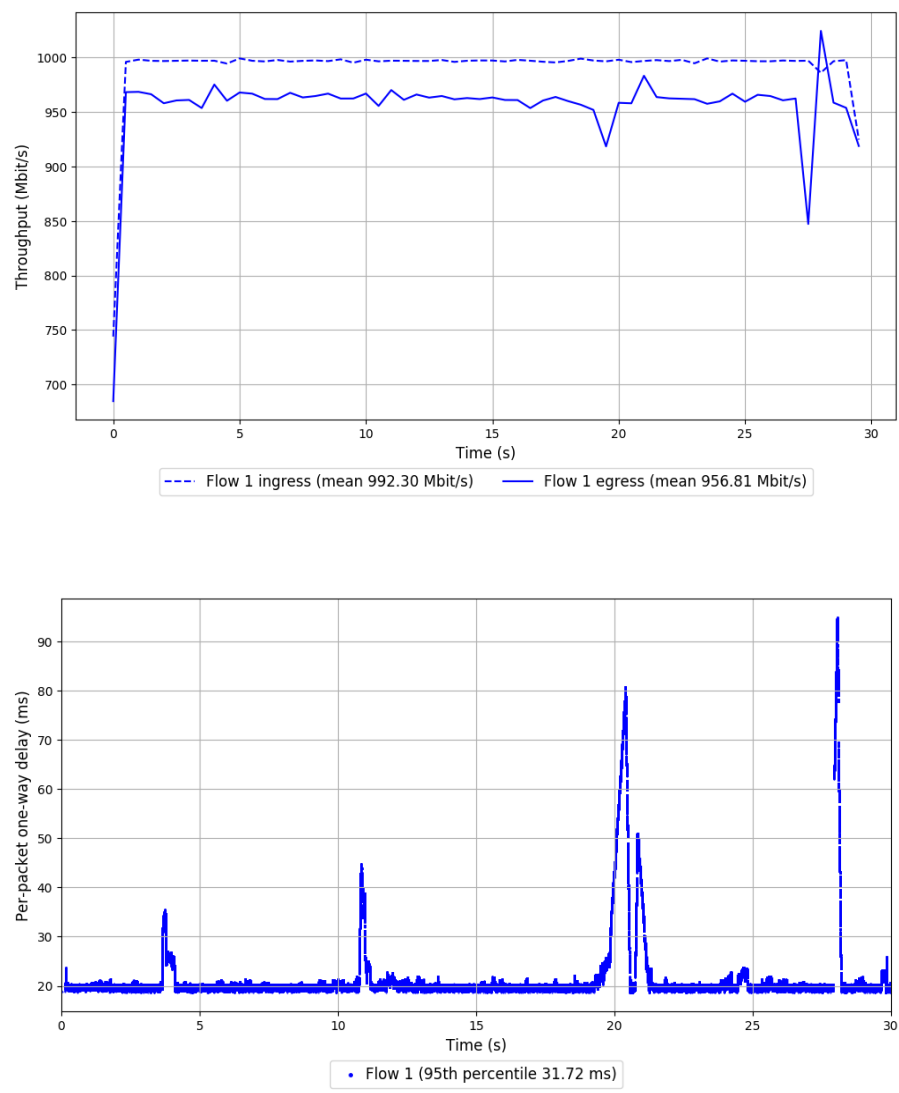


Run 1: Statistics of FillP

Start at: 2018-01-16 14:35:17
End at: 2018-01-16 14:35:47
Local clock offset: -3.103 ms
Remote clock offset: -2.132 ms

Below is generated by plot.py at 2018-01-16 22:04:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 956.81 Mbit/s
95th percentile per-packet one-way delay: 31.716 ms
Loss rate: 3.61%
-- Flow 1:
Average throughput: 956.81 Mbit/s
95th percentile per-packet one-way delay: 31.716 ms
Loss rate: 3.61%

Run 1: Report of FillP — Data Link

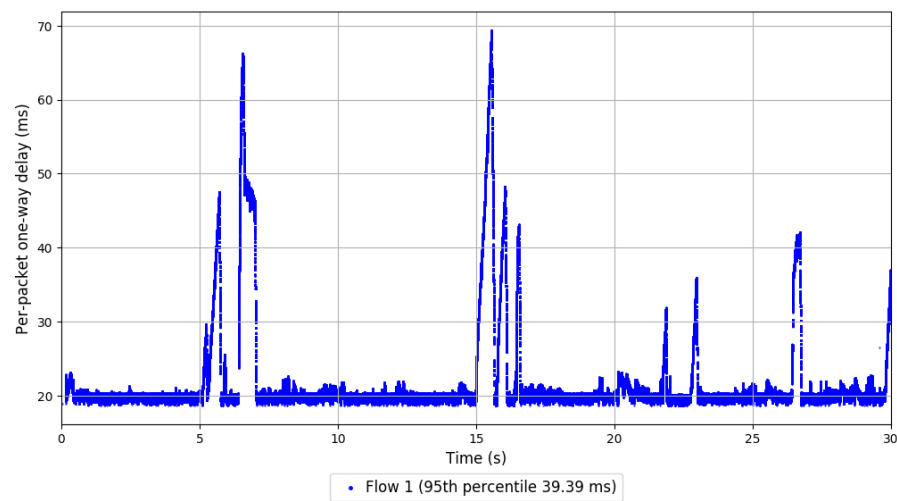
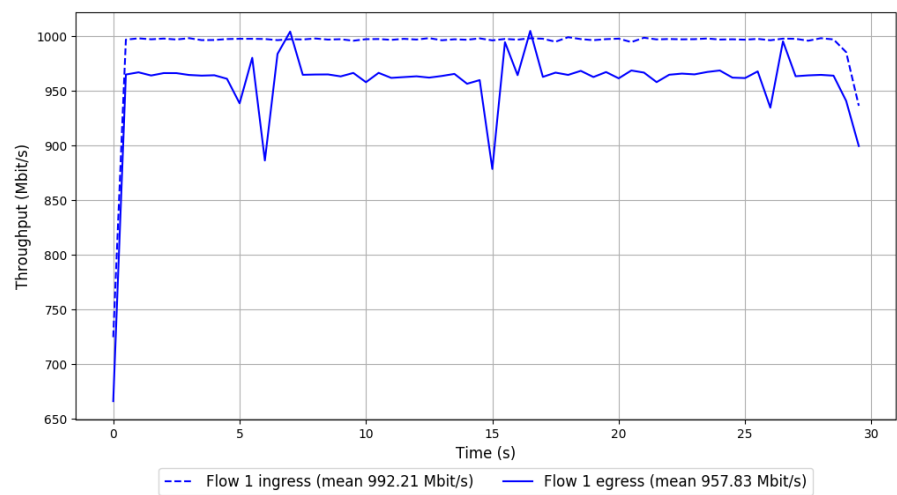


Run 2: Statistics of FillP

Start at: 2018-01-16 15:00:36
End at: 2018-01-16 15:01:06
Local clock offset: -3.437 ms
Remote clock offset: -2.209 ms

Below is generated by plot.py at 2018-01-16 22:04:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 957.83 Mbit/s
95th percentile per-packet one-way delay: 39.389 ms
Loss rate: 3.46%
-- Flow 1:
Average throughput: 957.83 Mbit/s
95th percentile per-packet one-way delay: 39.389 ms
Loss rate: 3.46%

Run 2: Report of FillP — Data Link

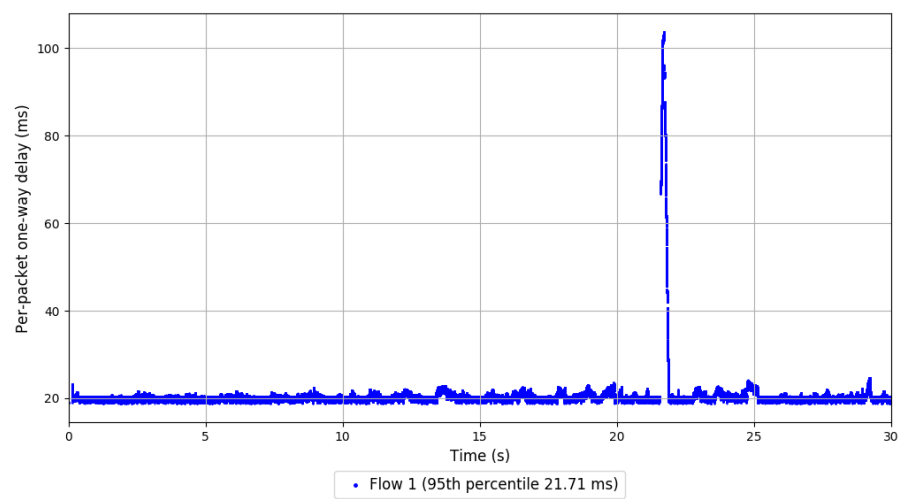
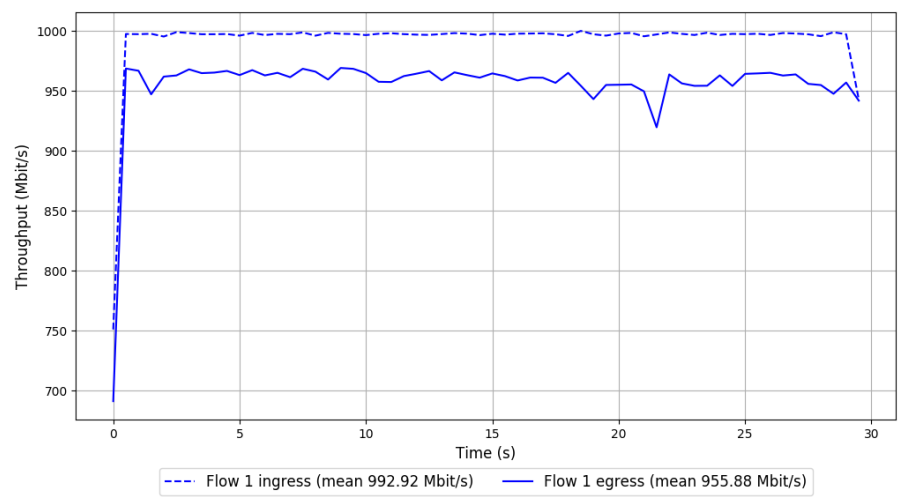


Run 3: Statistics of FillP

Start at: 2018-01-16 15:26:19
End at: 2018-01-16 15:26:49
Local clock offset: -4.085 ms
Remote clock offset: -2.375 ms

Below is generated by plot.py at 2018-01-16 22:04:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 955.88 Mbit/s
95th percentile per-packet one-way delay: 21.711 ms
Loss rate: 3.73%
-- Flow 1:
Average throughput: 955.88 Mbit/s
95th percentile per-packet one-way delay: 21.711 ms
Loss rate: 3.73%

Run 3: Report of FillP — Data Link

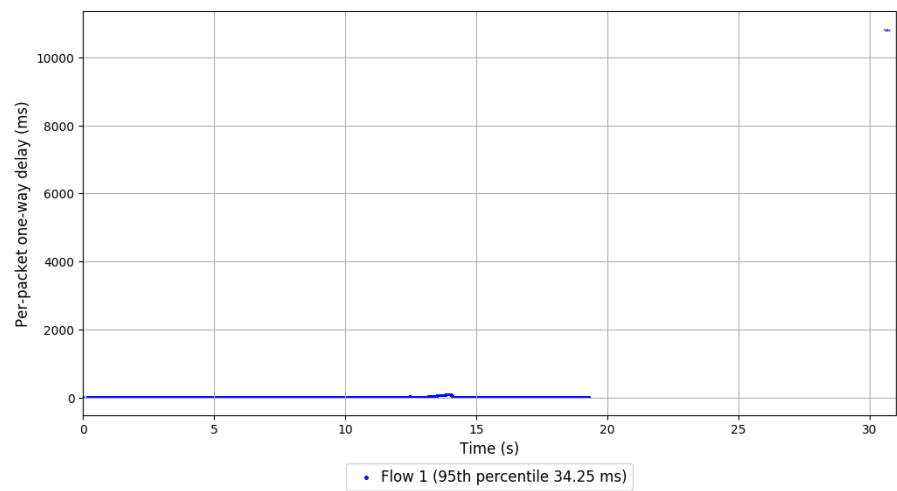
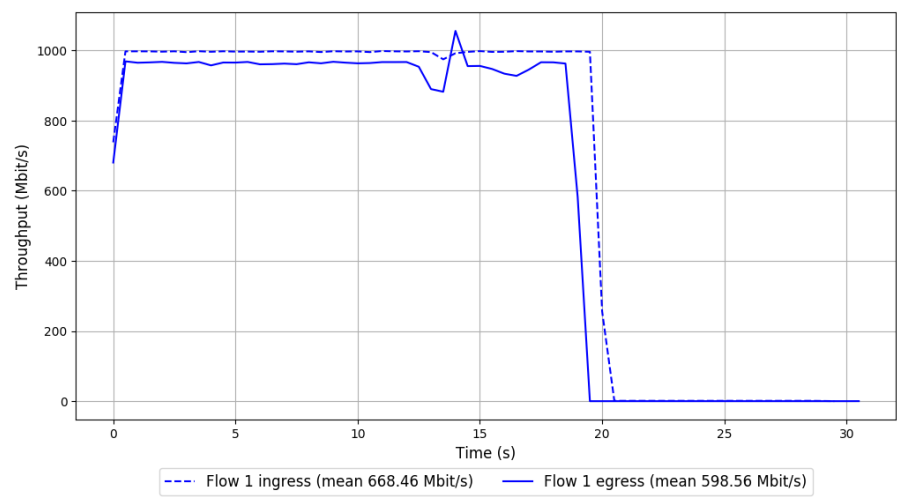


Run 4: Statistics of FillP

Start at: 2018-01-16 15:51:26
End at: 2018-01-16 15:51:56
Local clock offset: -4.566 ms
Remote clock offset: -2.488 ms

Below is generated by plot.py at 2018-01-16 22:04:48
Datalink statistics
-- Total of 1 flow:
Average throughput: 598.56 Mbit/s
95th percentile per-packet one-way delay: 34.249 ms
Loss rate: 7.79%
-- Flow 1:
Average throughput: 598.56 Mbit/s
95th percentile per-packet one-way delay: 34.249 ms
Loss rate: 7.79%

Run 4: Report of FillP — Data Link

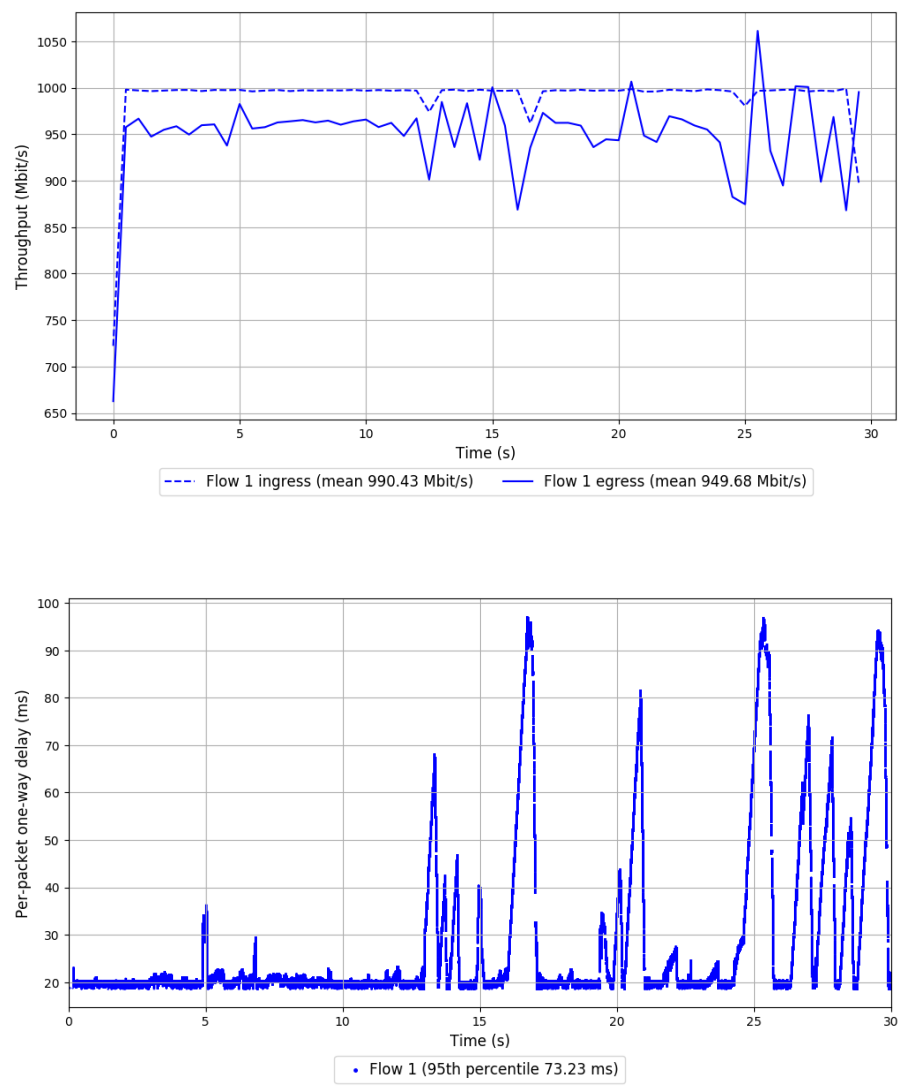


Run 5: Statistics of FillP

Start at: 2018-01-16 16:16:48
End at: 2018-01-16 16:17:18
Local clock offset: -4.904 ms
Remote clock offset: -2.831 ms

Below is generated by plot.py at 2018-01-16 22:05:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 949.68 Mbit/s
95th percentile per-packet one-way delay: 73.235 ms
Loss rate: 4.11%
-- Flow 1:
Average throughput: 949.68 Mbit/s
95th percentile per-packet one-way delay: 73.235 ms
Loss rate: 4.11%

Run 5: Report of FillP — Data Link

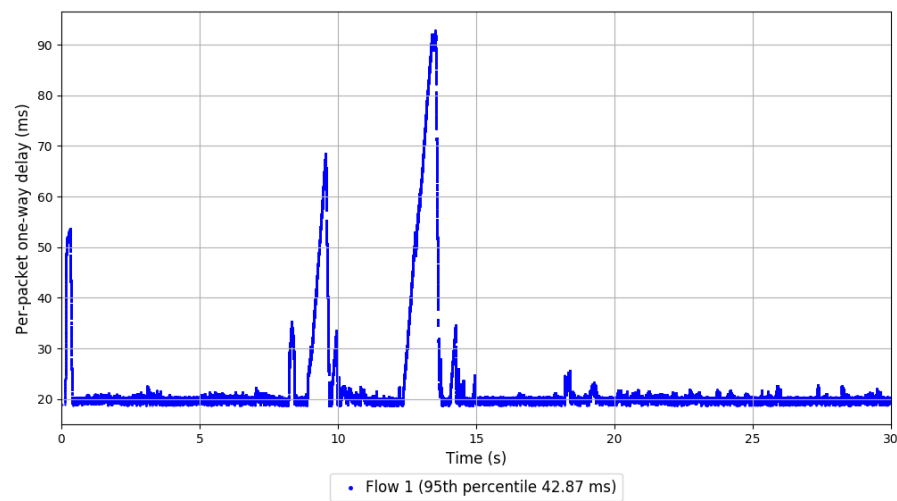
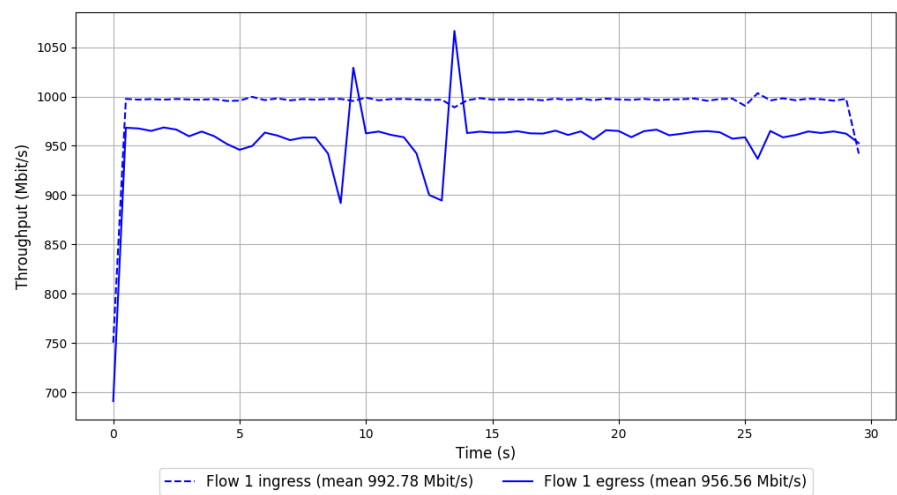


Run 6: Statistics of FillP

Start at: 2018-01-16 16:42:40
End at: 2018-01-16 16:43:10
Local clock offset: -5.189 ms
Remote clock offset: -2.665 ms

Below is generated by plot.py at 2018-01-16 22:06:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 956.56 Mbit/s
95th percentile per-packet one-way delay: 42.865 ms
Loss rate: 3.65%
-- Flow 1:
Average throughput: 956.56 Mbit/s
95th percentile per-packet one-way delay: 42.865 ms
Loss rate: 3.65%

Run 6: Report of FillP — Data Link

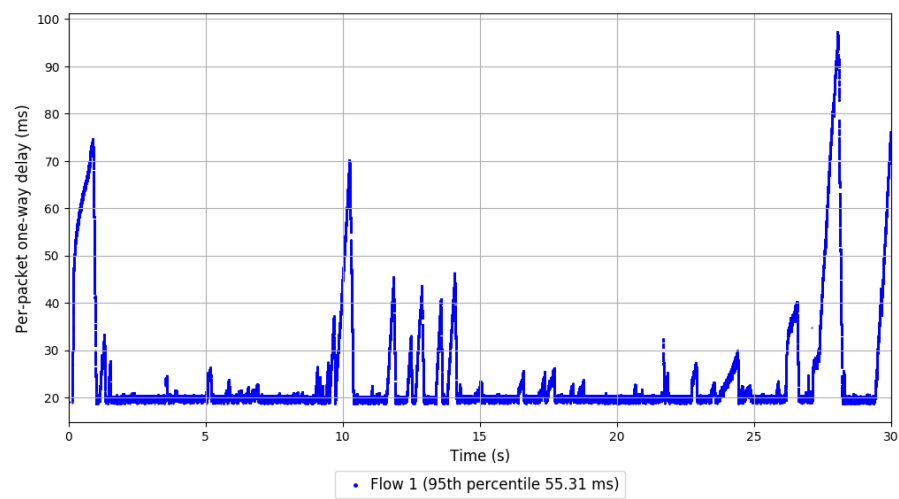
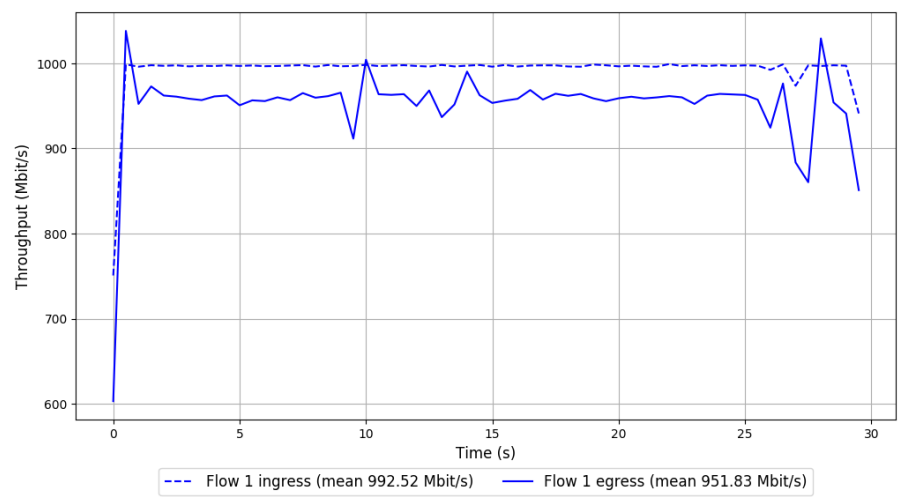


Run 7: Statistics of FillP

Start at: 2018-01-16 17:08:17
End at: 2018-01-16 17:08:47
Local clock offset: -5.264 ms
Remote clock offset: -2.356 ms

Below is generated by plot.py at 2018-01-16 22:06:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 951.83 Mbit/s
95th percentile per-packet one-way delay: 55.314 ms
Loss rate: 4.10%
-- Flow 1:
Average throughput: 951.83 Mbit/s
95th percentile per-packet one-way delay: 55.314 ms
Loss rate: 4.10%

Run 7: Report of FillP — Data Link

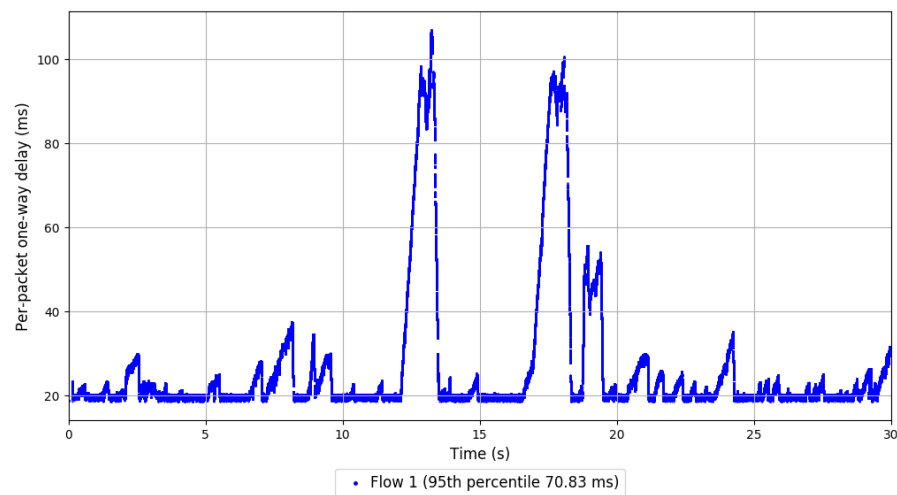
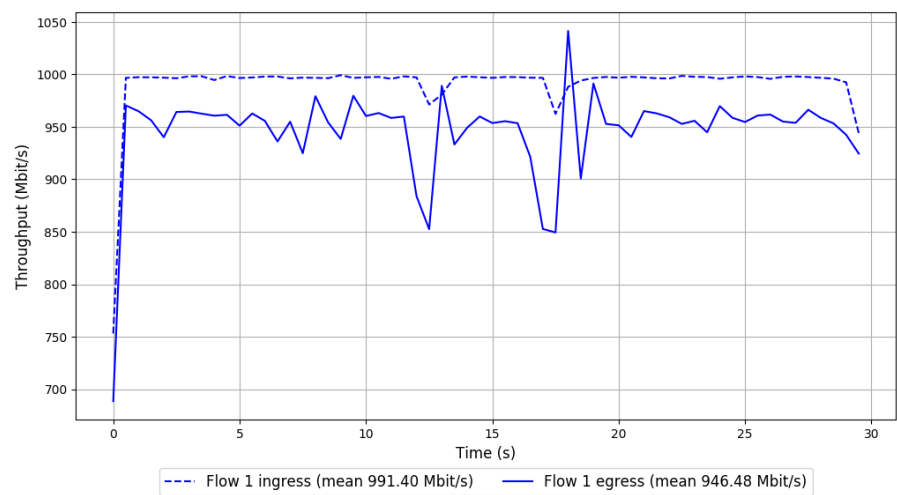


Run 8: Statistics of FillP

Start at: 2018-01-16 17:33:59
End at: 2018-01-16 17:34:29
Local clock offset: -5.329 ms
Remote clock offset: -3.136 ms

Below is generated by plot.py at 2018-01-16 22:06:09
Datalink statistics
-- Total of 1 flow:
Average throughput: 946.48 Mbit/s
95th percentile per-packet one-way delay: 70.831 ms
Loss rate: 4.53%
-- Flow 1:
Average throughput: 946.48 Mbit/s
95th percentile per-packet one-way delay: 70.831 ms
Loss rate: 4.53%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-01-16 17:59:46

End at: 2018-01-16 18:00:16

Local clock offset: -5.454 ms

Remote clock offset: -3.6 ms

Below is generated by plot.py at 2018-01-16 22:13:34

Datalink statistics

-- Total of 1 flow:

Average throughput: 944.03 Mbit/s

95th percentile per-packet one-way delay: 71.399 ms

Loss rate: 4.68%

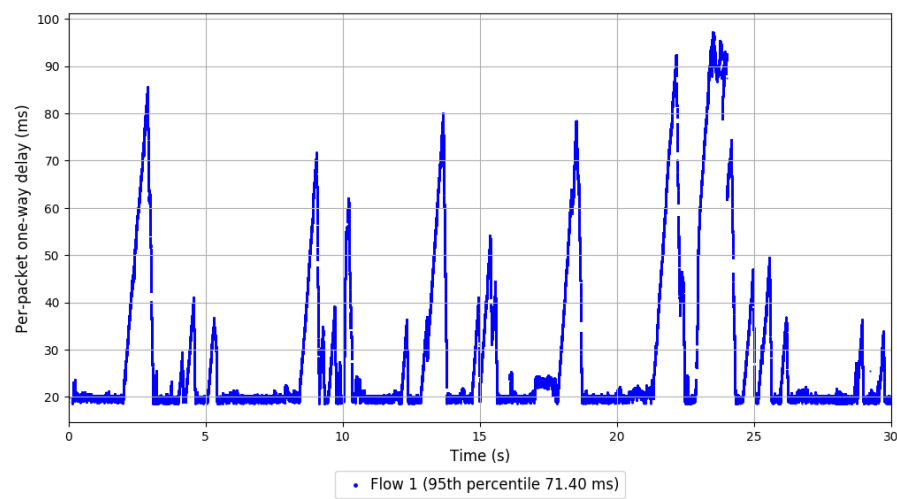
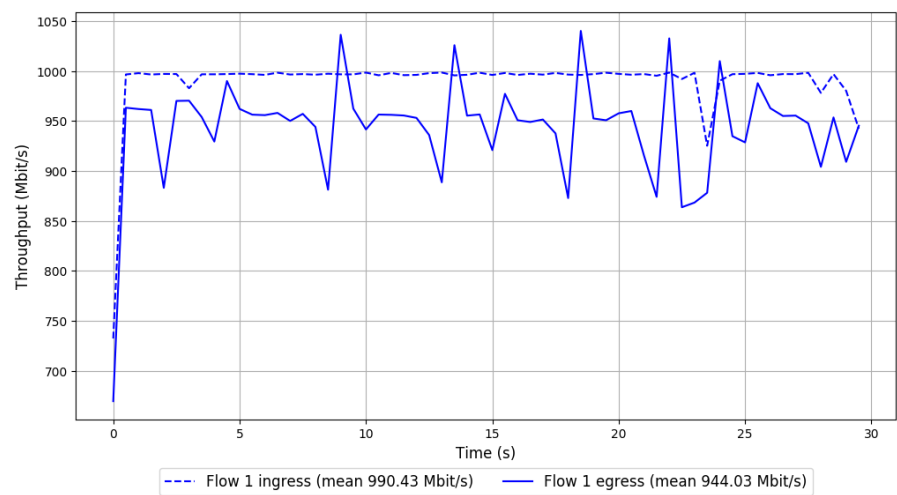
-- Flow 1:

Average throughput: 944.03 Mbit/s

95th percentile per-packet one-way delay: 71.399 ms

Loss rate: 4.68%

Run 9: Report of FillP — Data Link

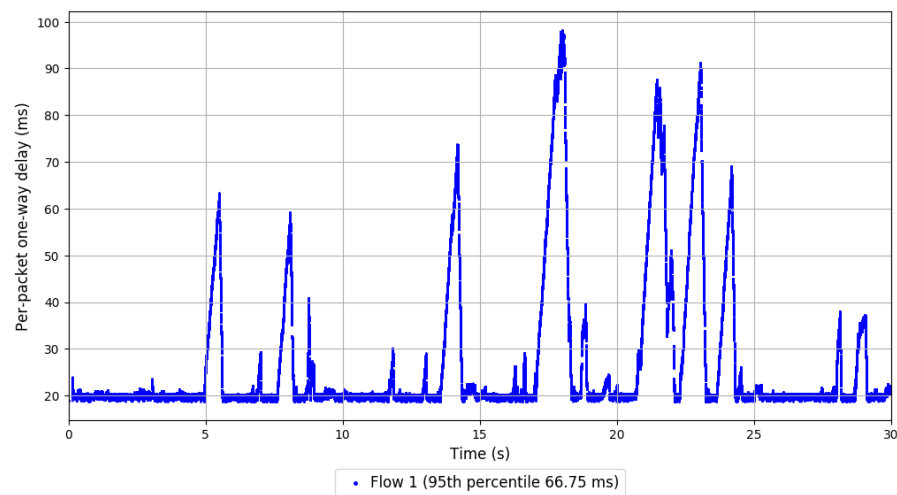
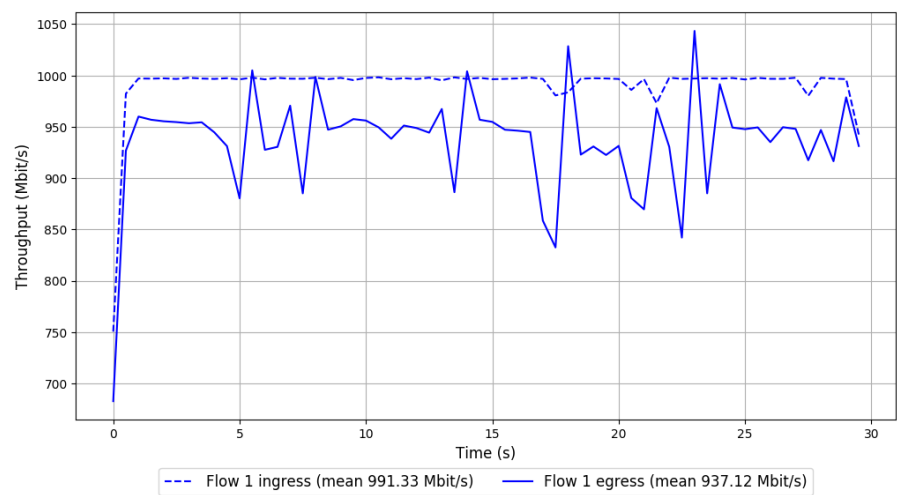


Run 10: Statistics of FillP

Start at: 2018-01-16 18:25:22
End at: 2018-01-16 18:25:52
Local clock offset: -5.459 ms
Remote clock offset: -3.944 ms

Below is generated by plot.py at 2018-01-16 22:18:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 937.12 Mbit/s
95th percentile per-packet one-way delay: 66.754 ms
Loss rate: 5.47%
-- Flow 1:
Average throughput: 937.12 Mbit/s
95th percentile per-packet one-way delay: 66.754 ms
Loss rate: 5.47%

Run 10: Report of FillP — Data Link

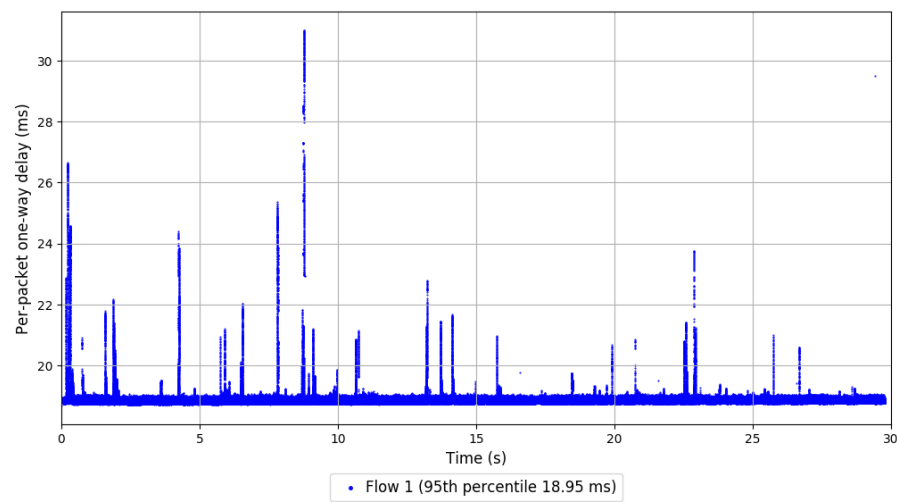
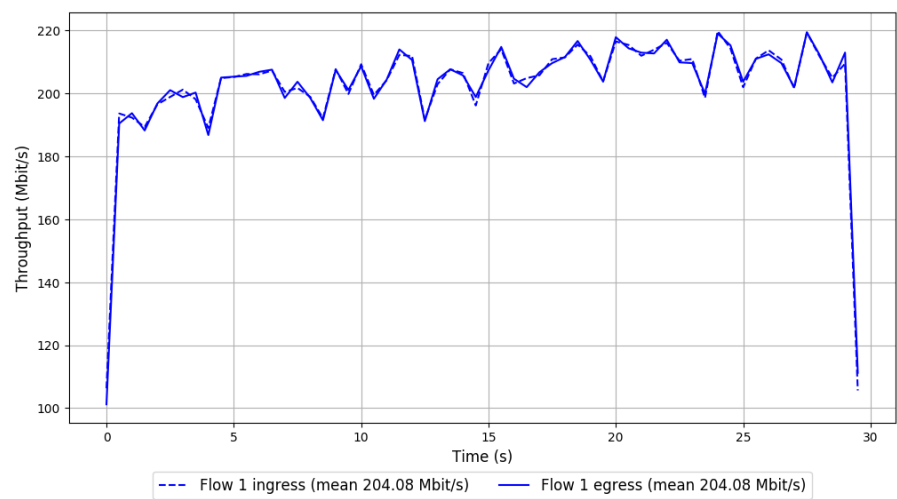


```
Run 1: Statistics of Indigo

Start at: 2018-01-16 14:31:00
End at: 2018-01-16 14:31:30
Local clock offset: -3.167 ms
Remote clock offset: -1.981 ms

# Below is generated by plot.py at 2018-01-16 22:18:20
# Datalink statistics
-- Total of 1 flow:
Average throughput: 204.08 Mbit/s
95th percentile per-packet one-way delay: 18.955 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 204.08 Mbit/s
95th percentile per-packet one-way delay: 18.955 ms
Loss rate: 0.00%
```

Run 1: Report of Indigo — Data Link

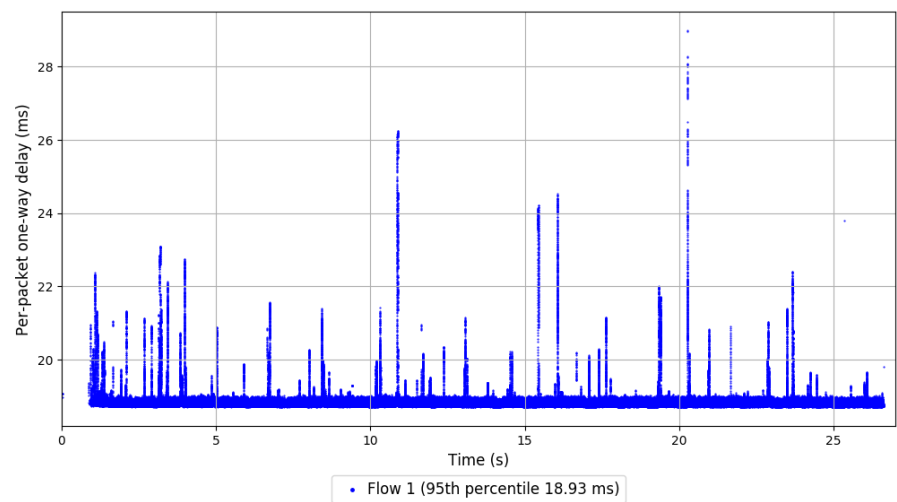
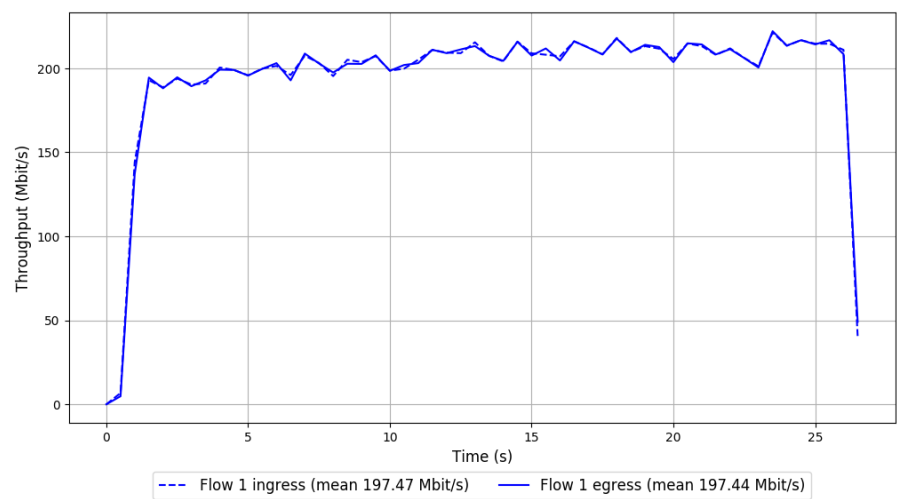


Run 2: Statistics of Indigo

Start at: 2018-01-16 14:56:14
End at: 2018-01-16 14:56:44
Local clock offset: -3.434 ms
Remote clock offset: -2.207 ms

Below is generated by plot.py at 2018-01-16 22:18:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 197.44 Mbit/s
95th percentile per-packet one-way delay: 18.935 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 197.44 Mbit/s
95th percentile per-packet one-way delay: 18.935 ms
Loss rate: 0.01%

Run 2: Report of Indigo — Data Link

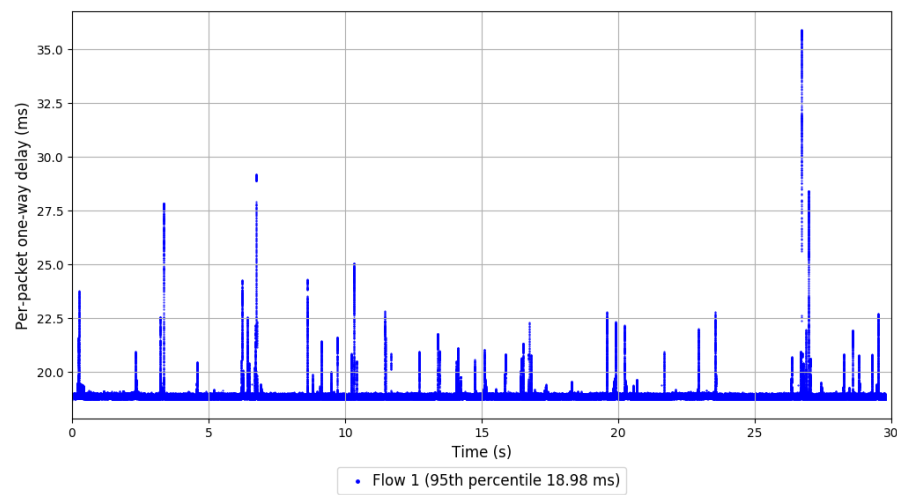
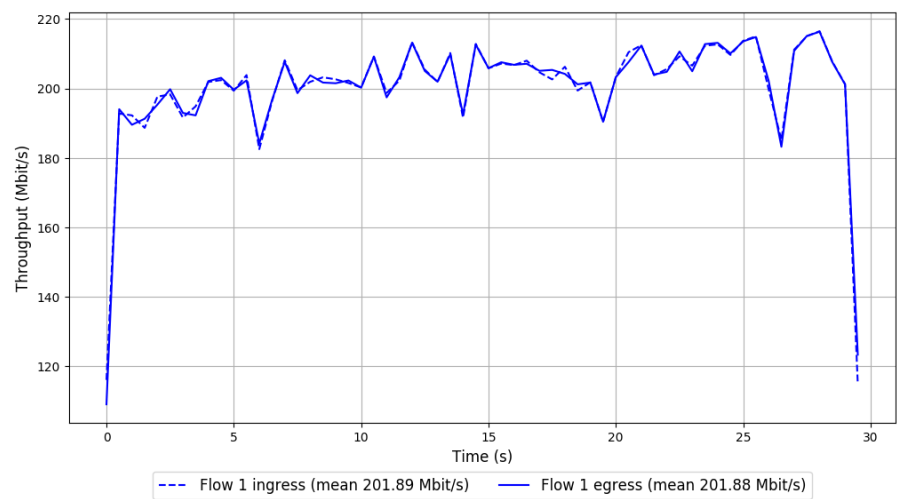


Run 3: Statistics of Indigo

Start at: 2018-01-16 15:21:56
End at: 2018-01-16 15:22:26
Local clock offset: -4.072 ms
Remote clock offset: -2.253 ms

Below is generated by plot.py at 2018-01-16 22:18:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 201.88 Mbit/s
95th percentile per-packet one-way delay: 18.983 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 201.88 Mbit/s
95th percentile per-packet one-way delay: 18.983 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

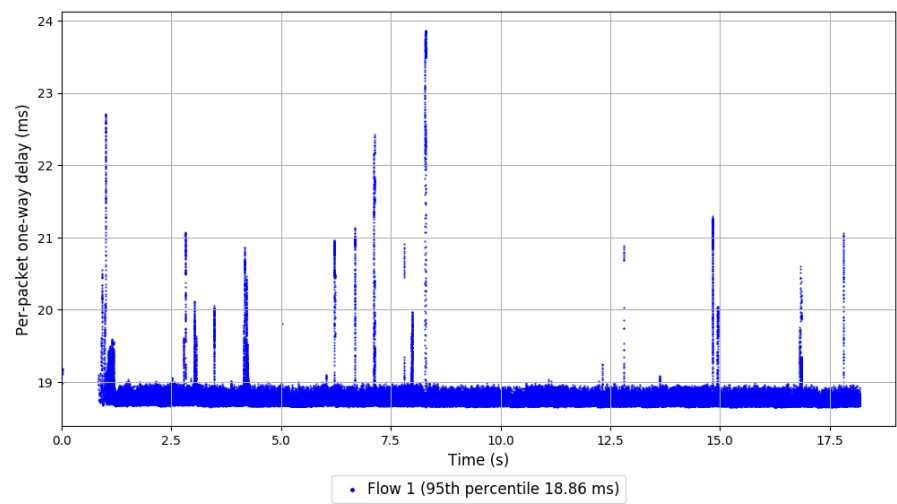
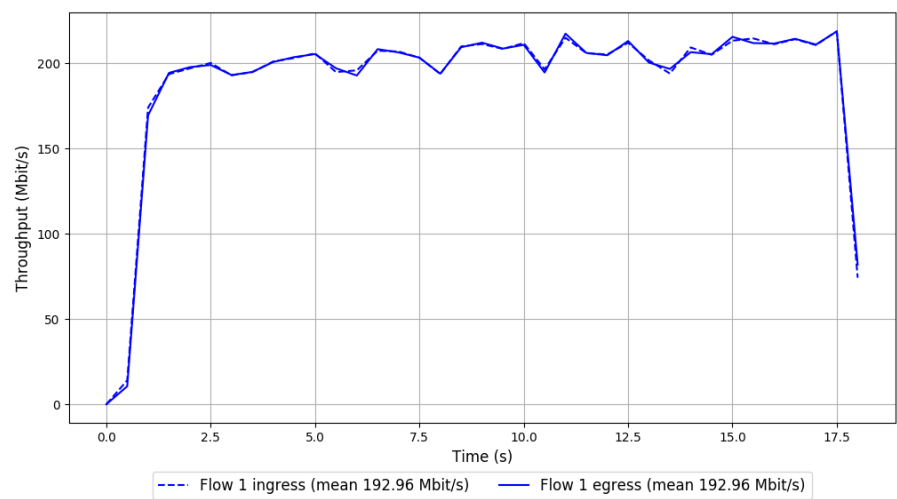
Start at: 2018-01-16 15:47:08

End at: 2018-01-16 15:47:38

Local clock offset: -4.471 ms

Remote clock offset: -2.43 ms

Run 4: Report of Indigo — Data Link

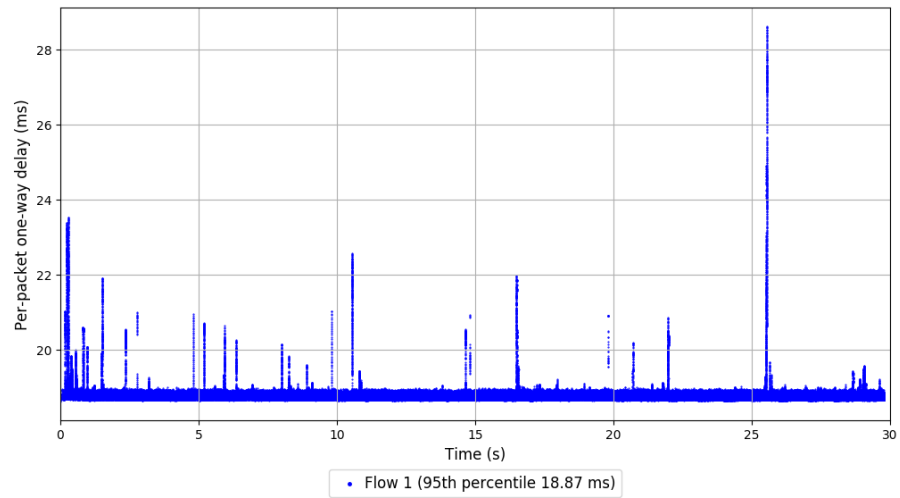
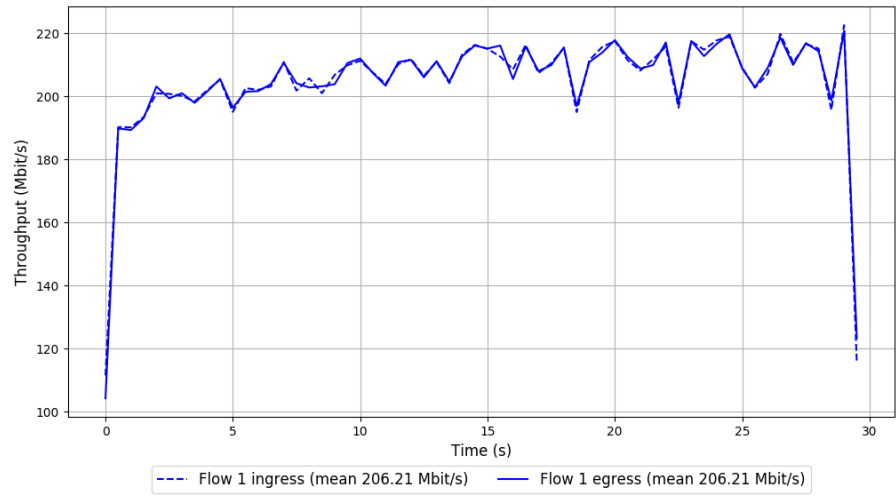


Run 5: Statistics of Indigo

Start at: 2018-01-16 16:12:30
End at: 2018-01-16 16:13:00
Local clock offset: -4.944 ms
Remote clock offset: -2.922 ms

Below is generated by plot.py at 2018-01-16 22:18:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 206.21 Mbit/s
95th percentile per-packet one-way delay: 18.869 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 206.21 Mbit/s
95th percentile per-packet one-way delay: 18.869 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

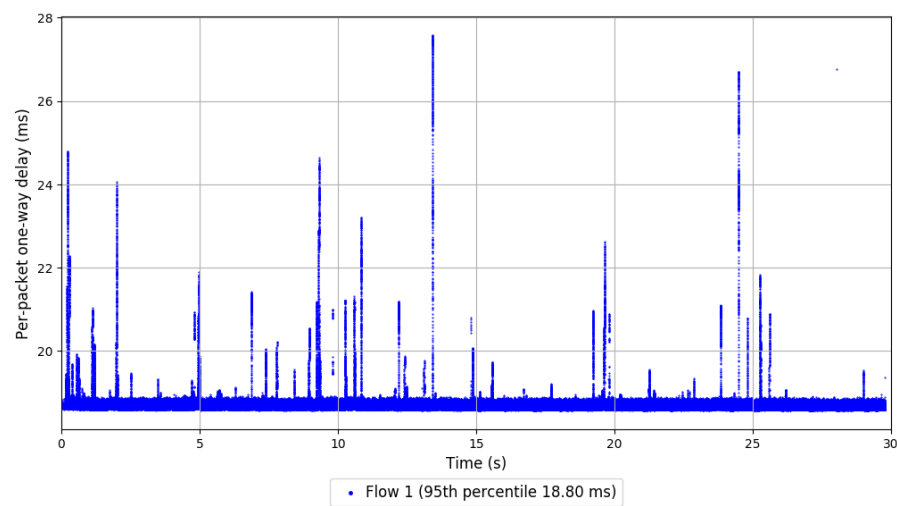
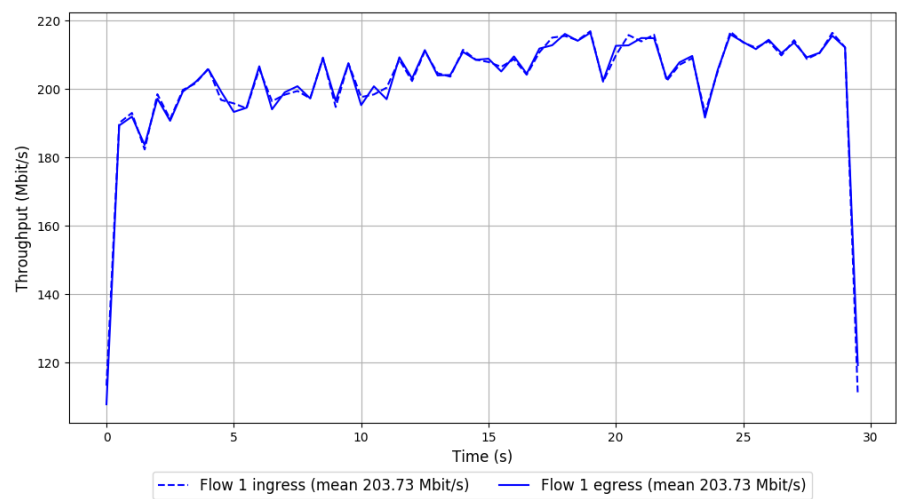


Run 6: Statistics of Indigo

Start at: 2018-01-16 16:38:19
End at: 2018-01-16 16:38:49
Local clock offset: -5.09 ms
Remote clock offset: -2.731 ms

Below is generated by plot.py at 2018-01-16 22:18:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 203.73 Mbit/s
95th percentile per-packet one-way delay: 18.796 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 203.73 Mbit/s
95th percentile per-packet one-way delay: 18.796 ms
Loss rate: 0.00%

Run 6: Report of Indigo — Data Link

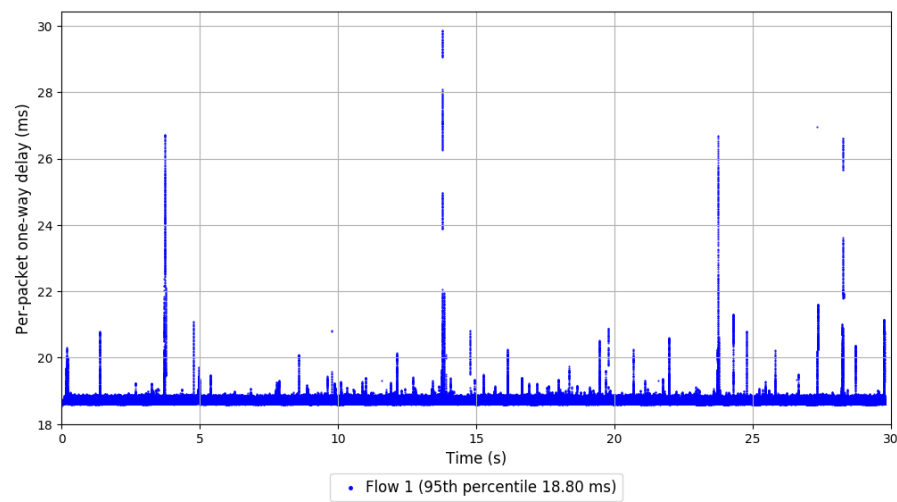
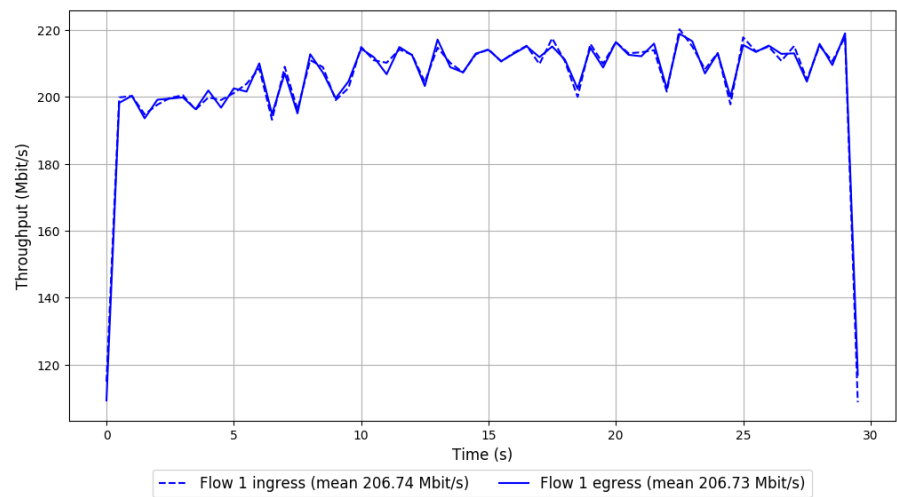


Run 7: Statistics of Indigo

Start at: 2018-01-16 17:03:54
End at: 2018-01-16 17:04:24
Local clock offset: -5.182 ms
Remote clock offset: -2.387 ms

Below is generated by plot.py at 2018-01-16 22:18:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 206.73 Mbit/s
95th percentile per-packet one-way delay: 18.805 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 206.73 Mbit/s
95th percentile per-packet one-way delay: 18.805 ms
Loss rate: 0.00%

Run 7: Report of Indigo — Data Link

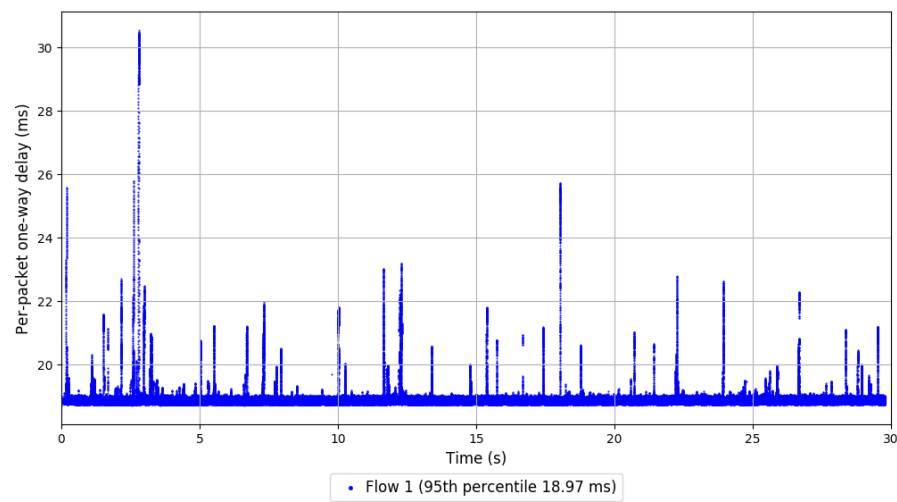
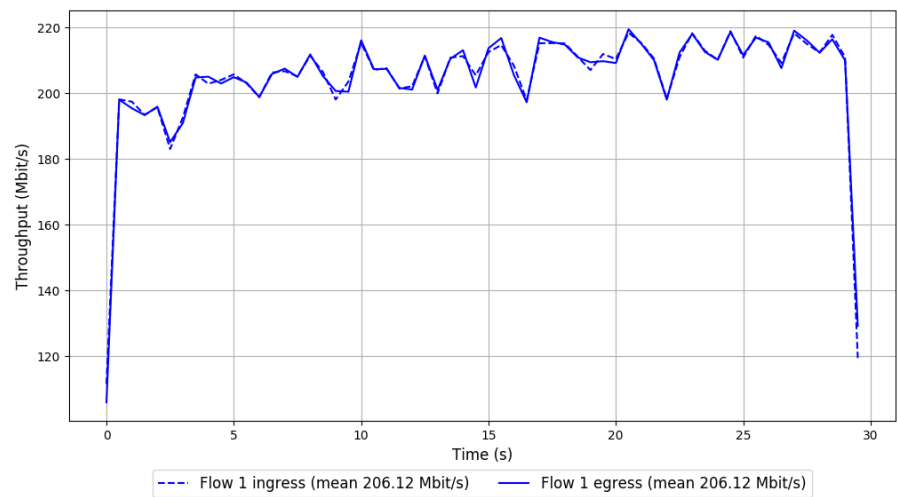


Run 8: Statistics of Indigo

Start at: 2018-01-16 17:29:40
End at: 2018-01-16 17:30:10
Local clock offset: -5.317 ms
Remote clock offset: -2.927 ms

Below is generated by plot.py at 2018-01-16 22:18:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 206.12 Mbit/s
95th percentile per-packet one-way delay: 18.968 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 206.12 Mbit/s
95th percentile per-packet one-way delay: 18.968 ms
Loss rate: 0.00%

Run 8: Report of Indigo — Data Link

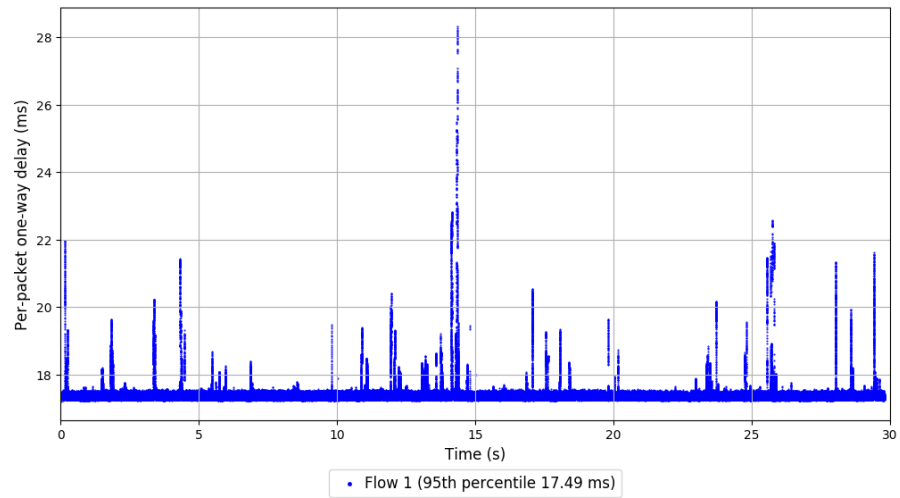
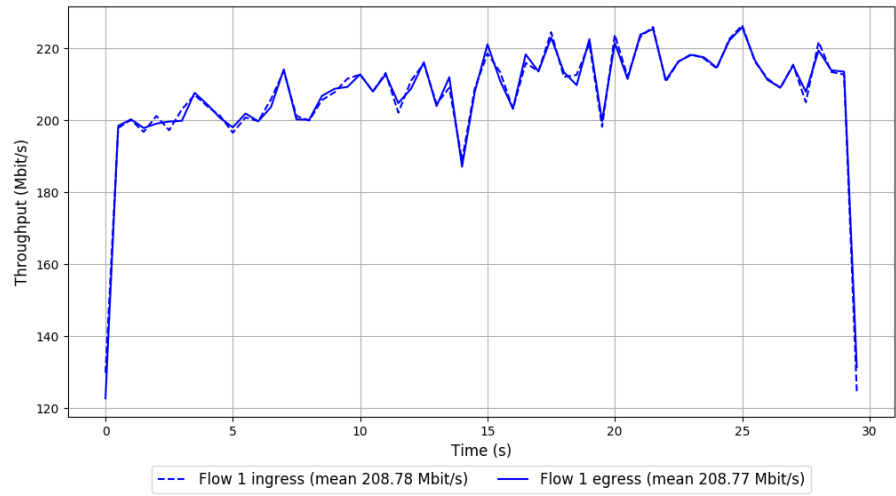


Run 9: Statistics of Indigo

Start at: 2018-01-16 17:55:26
End at: 2018-01-16 17:55:56
Local clock offset: -5.424 ms
Remote clock offset: -3.572 ms

Below is generated by plot.py at 2018-01-16 22:18:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 208.77 Mbit/s
95th percentile per-packet one-way delay: 17.488 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 208.77 Mbit/s
95th percentile per-packet one-way delay: 17.488 ms
Loss rate: 0.00%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-01-16 18:20:59

End at: 2018-01-16 18:21:29

Local clock offset: -5.563 ms

Remote clock offset: -3.86 ms

Below is generated by plot.py at 2018-01-16 22:18:20

Datalink statistics

-- Total of 1 flow:

Average throughput: 203.47 Mbit/s

95th percentile per-packet one-way delay: 19.008 ms

Loss rate: 0.02%

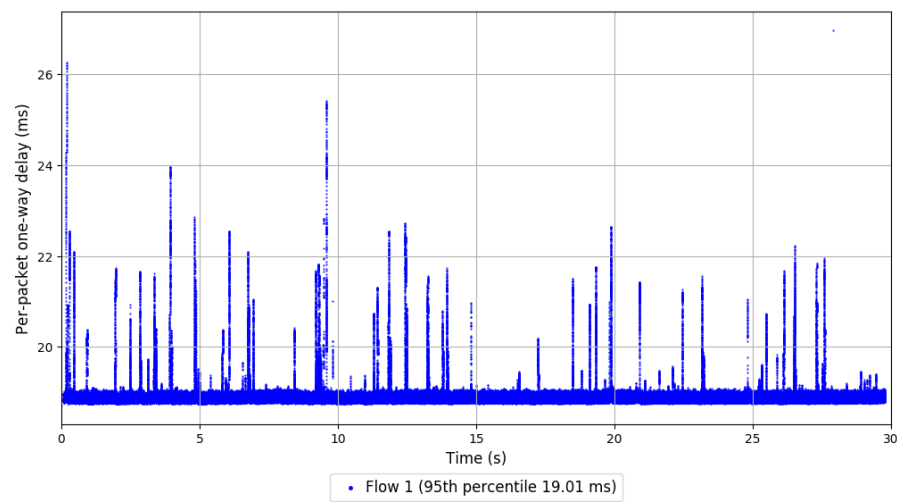
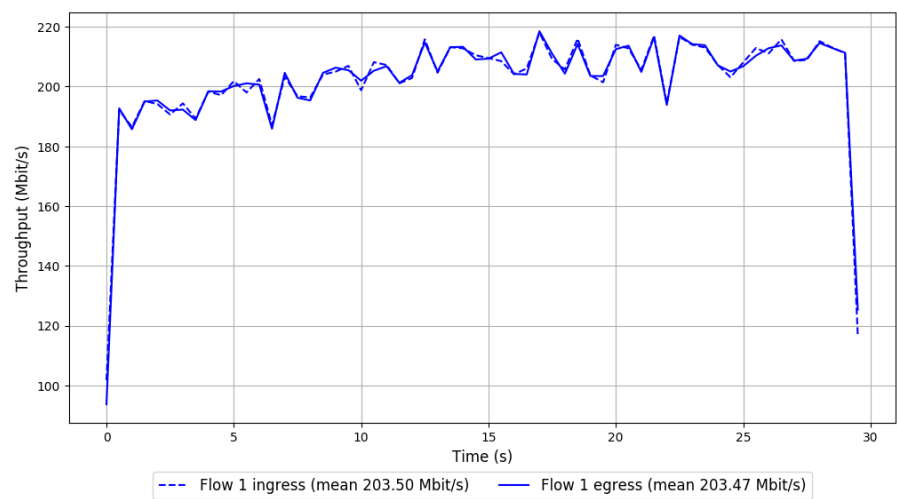
-- Flow 1:

Average throughput: 203.47 Mbit/s

95th percentile per-packet one-way delay: 19.008 ms

Loss rate: 0.02%

Run 10: Report of Indigo — Data Link

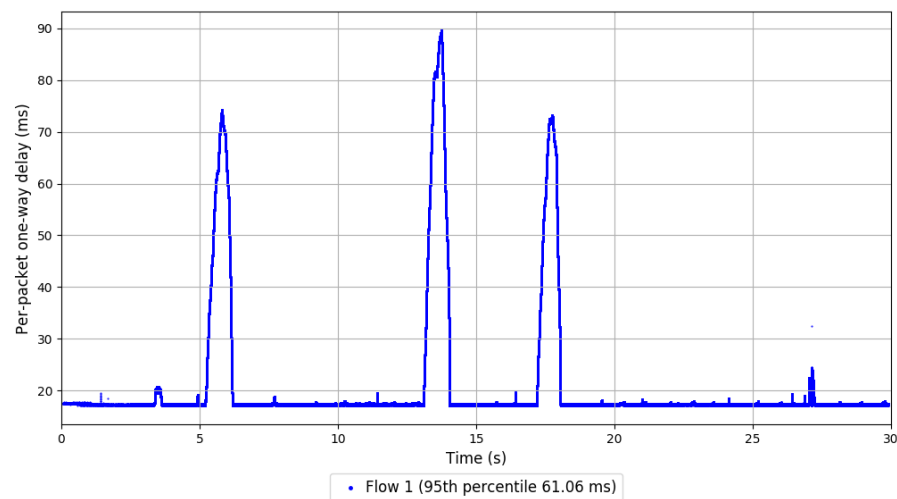
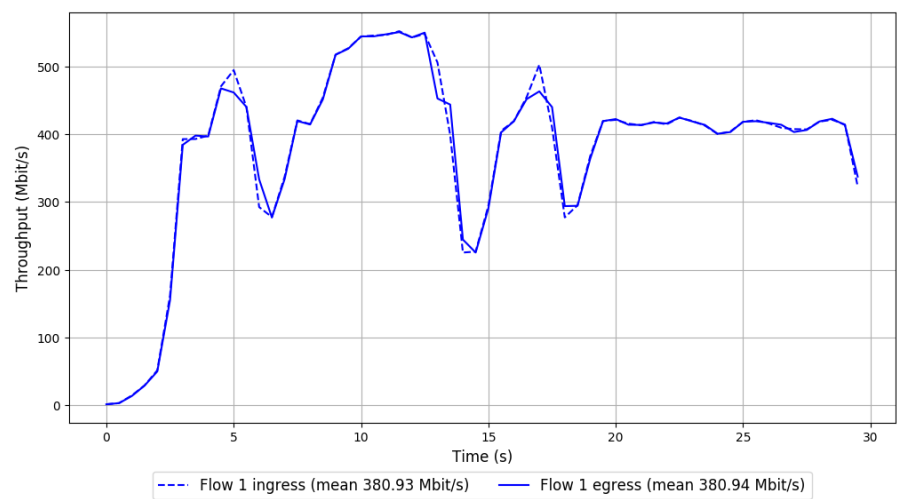


Run 1: Statistics of Vivace-latency

Start at: 2018-01-16 14:42:38
End at: 2018-01-16 14:43:08
Local clock offset: -3.142 ms
Remote clock offset: -2.328 ms

Below is generated by plot.py at 2018-01-16 22:19:25
Datalink statistics
-- Total of 1 flow:
Average throughput: 380.94 Mbit/s
95th percentile per-packet one-way delay: 61.056 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 380.94 Mbit/s
95th percentile per-packet one-way delay: 61.056 ms
Loss rate: 0.00%

Run 1: Report of Vivace-latency — Data Link

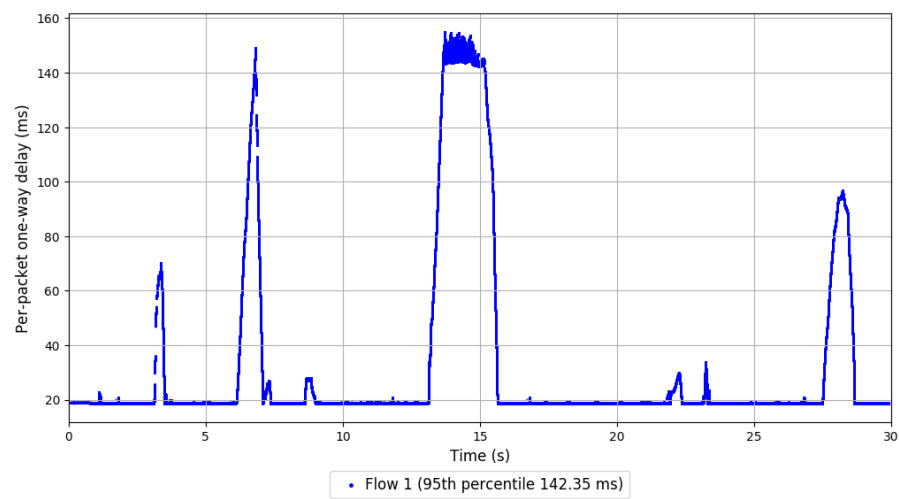
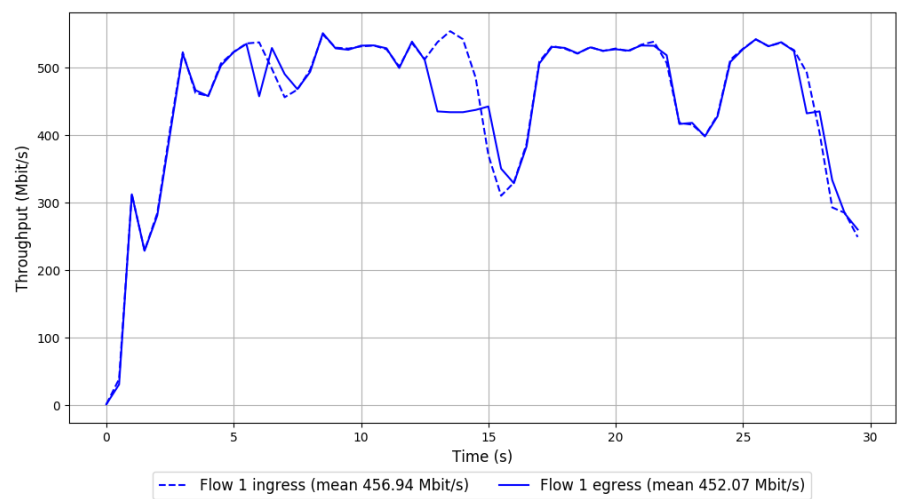


Run 2: Statistics of Vivace-latency

Start at: 2018-01-16 15:08:05
End at: 2018-01-16 15:08:35
Local clock offset: -3.641 ms
Remote clock offset: -2.224 ms

Below is generated by plot.py at 2018-01-16 22:20:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 452.07 Mbit/s
95th percentile per-packet one-way delay: 142.350 ms
Loss rate: 1.07%
-- Flow 1:
Average throughput: 452.07 Mbit/s
95th percentile per-packet one-way delay: 142.350 ms
Loss rate: 1.07%

Run 2: Report of Vivace-latency — Data Link

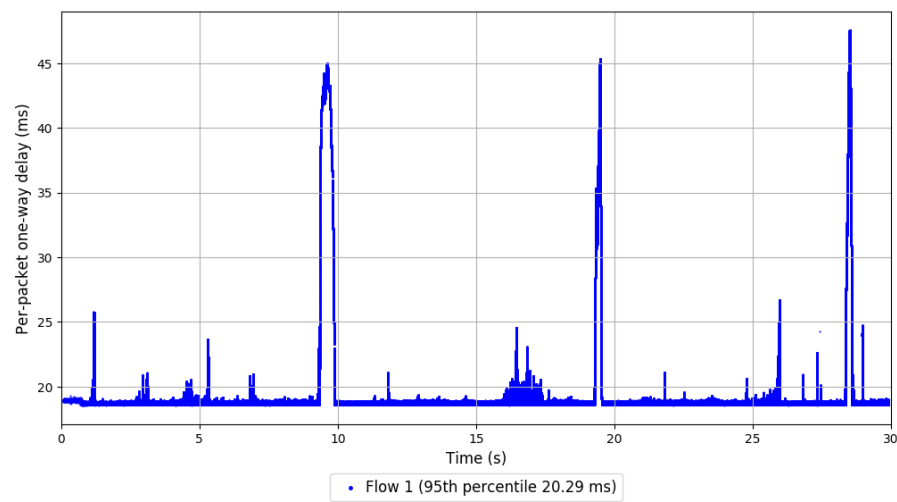
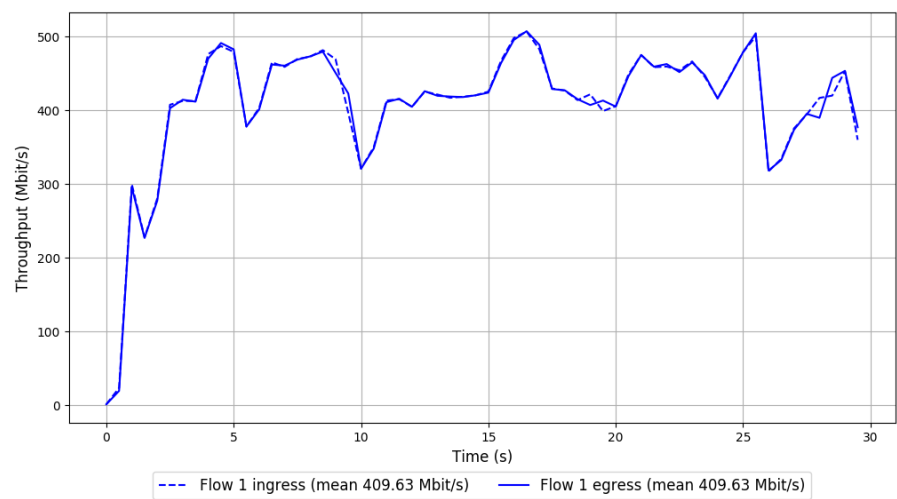


Run 3: Statistics of Vivace-latency

Start at: 2018-01-16 15:33:33
End at: 2018-01-16 15:34:03
Local clock offset: -4.225 ms
Remote clock offset: -2.646 ms

Below is generated by plot.py at 2018-01-16 22:20:51
Datalink statistics
-- Total of 1 flow:
Average throughput: 409.63 Mbit/s
95th percentile per-packet one-way delay: 20.289 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 409.63 Mbit/s
95th percentile per-packet one-way delay: 20.289 ms
Loss rate: 0.00%

Run 3: Report of Vivace-latency — Data Link

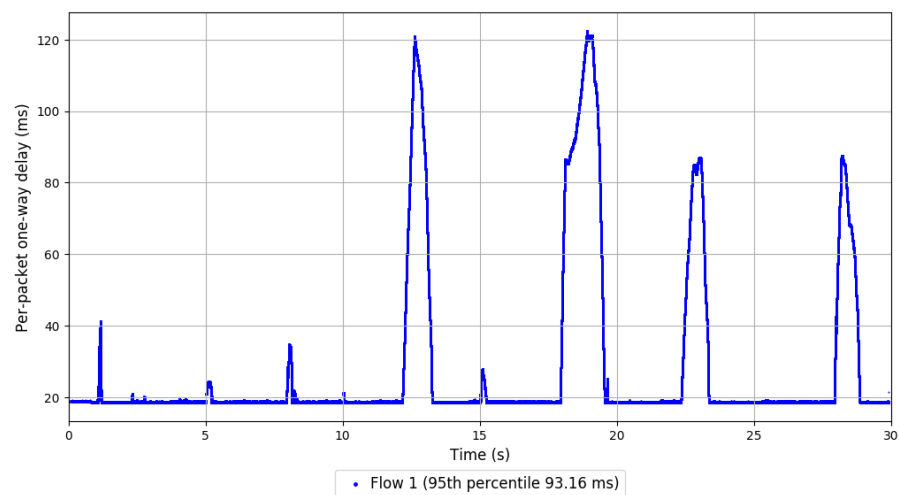
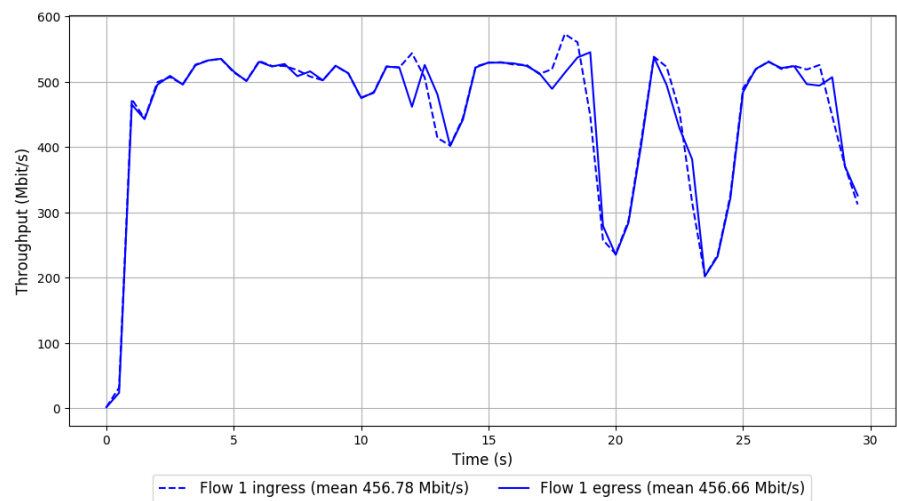


Run 4: Statistics of Vivace-latency

Start at: 2018-01-16 15:58:40
End at: 2018-01-16 15:59:10
Local clock offset: -4.705 ms
Remote clock offset: -2.691 ms

Below is generated by plot.py at 2018-01-16 22:21:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 456.66 Mbit/s
95th percentile per-packet one-way delay: 93.159 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 456.66 Mbit/s
95th percentile per-packet one-way delay: 93.159 ms
Loss rate: 0.02%

Run 4: Report of Vivace-latency — Data Link

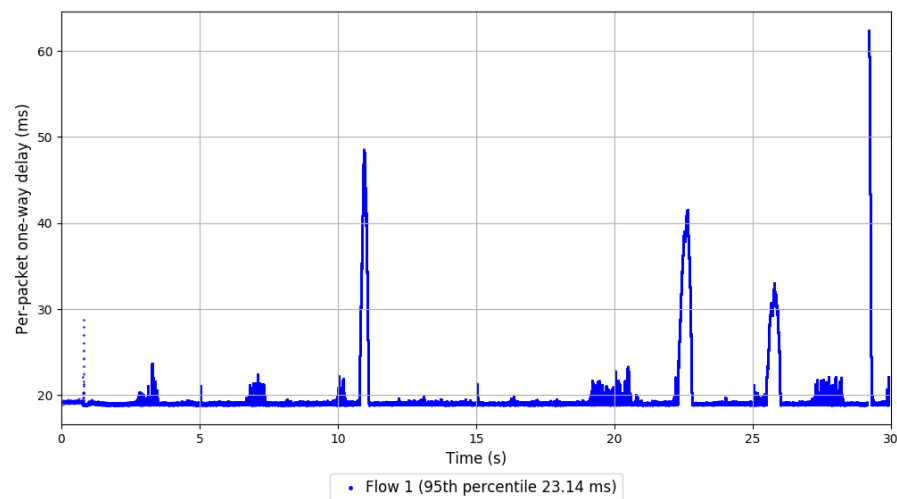
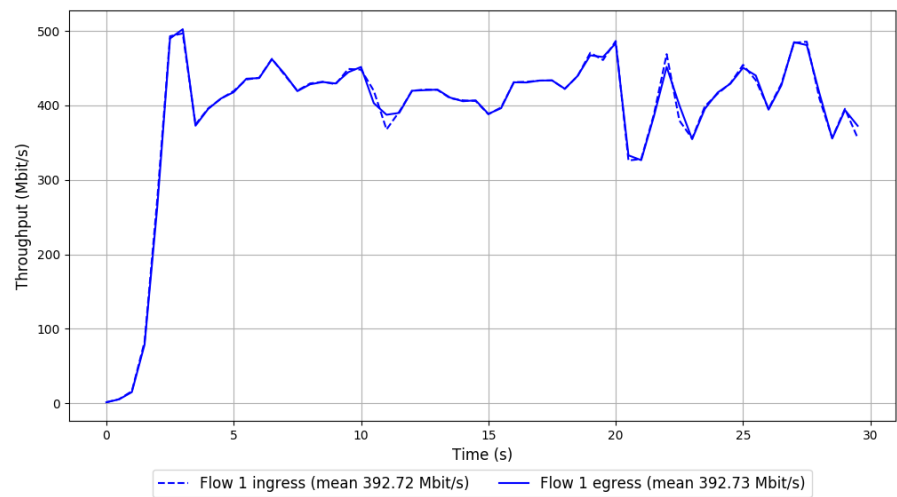


Run 5: Statistics of Vivace-latency

Start at: 2018-01-16 16:24:32
End at: 2018-01-16 16:25:02
Local clock offset: -5.083 ms
Remote clock offset: -2.787 ms

Below is generated by plot.py at 2018-01-16 22:21:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 392.73 Mbit/s
95th percentile per-packet one-way delay: 23.144 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 392.73 Mbit/s
95th percentile per-packet one-way delay: 23.144 ms
Loss rate: 0.00%

Run 5: Report of Vivace-latency — Data Link

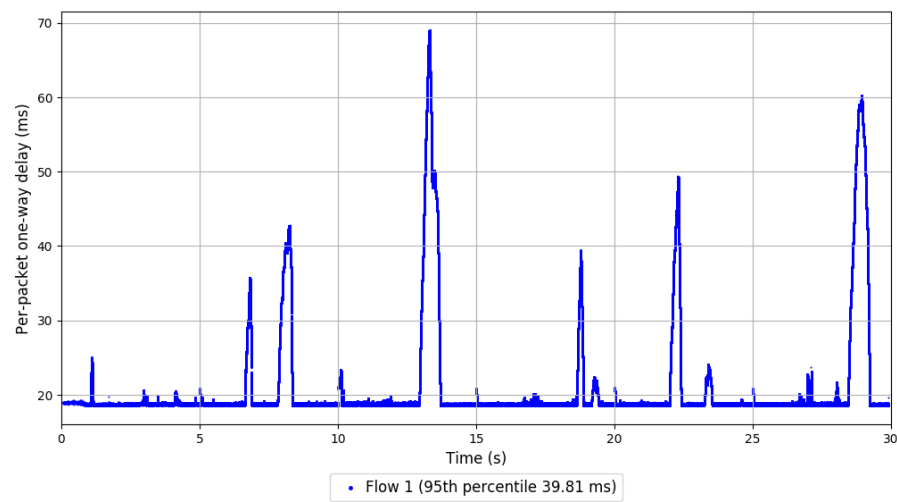
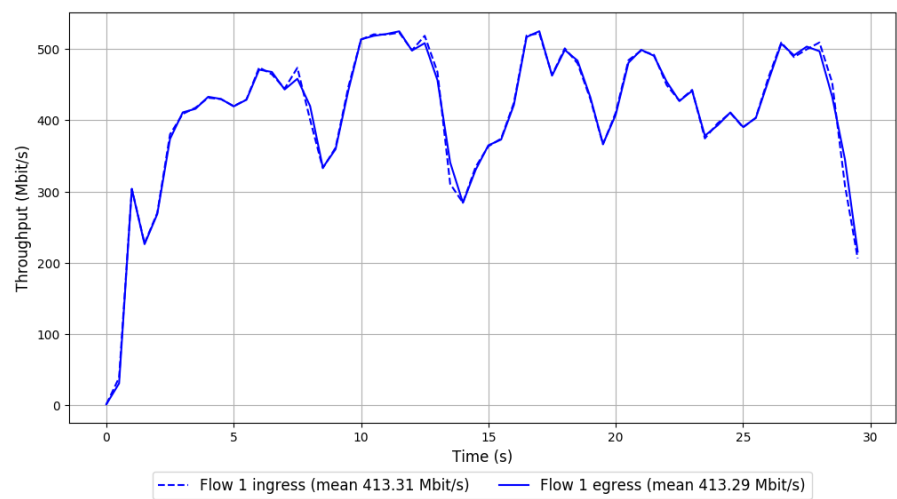


Run 6: Statistics of Vivace-latency

Start at: 2018-01-16 16:50:07
End at: 2018-01-16 16:50:37
Local clock offset: -5.118 ms
Remote clock offset: -2.556 ms

Below is generated by plot.py at 2018-01-16 22:21:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 413.29 Mbit/s
95th percentile per-packet one-way delay: 39.810 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 413.29 Mbit/s
95th percentile per-packet one-way delay: 39.810 ms
Loss rate: 0.01%

Run 6: Report of Vivace-latency — Data Link

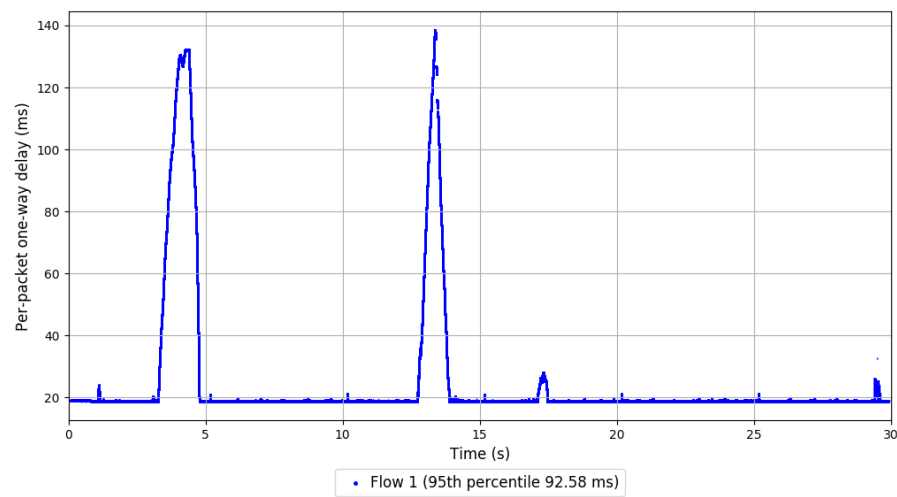
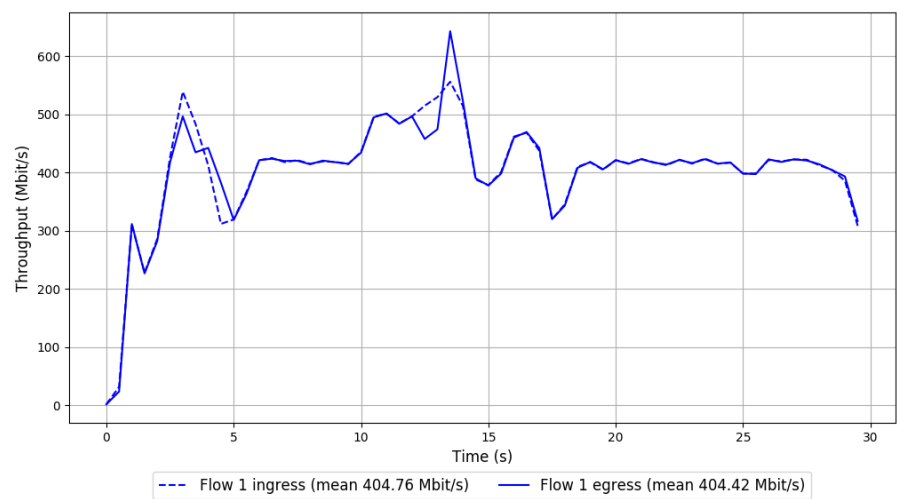


Run 7: Statistics of Vivace-latency

Start at: 2018-01-16 17:15:43
End at: 2018-01-16 17:16:13
Local clock offset: -5.213 ms
Remote clock offset: -2.499 ms

Below is generated by plot.py at 2018-01-16 22:24:10
Datalink statistics
-- Total of 1 flow:
Average throughput: 404.42 Mbit/s
95th percentile per-packet one-way delay: 92.584 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 404.42 Mbit/s
95th percentile per-packet one-way delay: 92.584 ms
Loss rate: 0.09%

Run 7: Report of Vivace-latency — Data Link

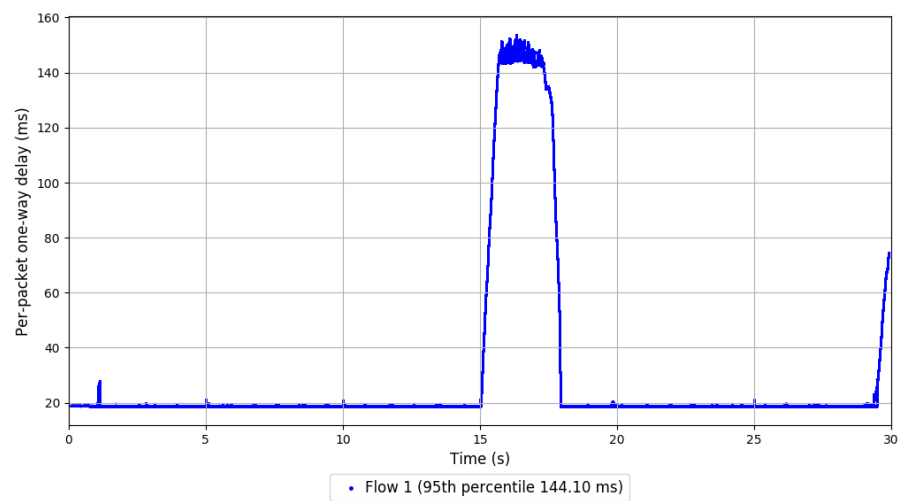
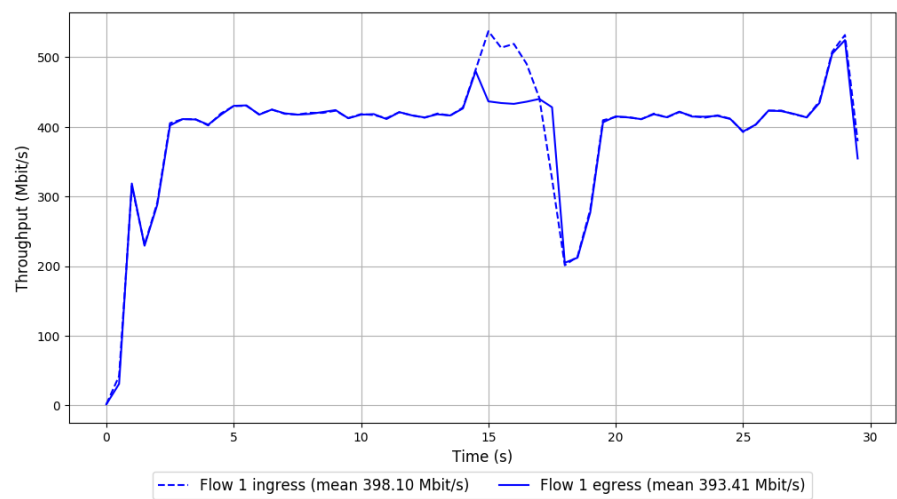


Run 8: Statistics of Vivace-latency

Start at: 2018-01-16 17:41:32
End at: 2018-01-16 17:42:02
Local clock offset: -5.35 ms
Remote clock offset: -3.356 ms

Below is generated by plot.py at 2018-01-16 22:27:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 393.41 Mbit/s
95th percentile per-packet one-way delay: 144.104 ms
Loss rate: 1.18%
-- Flow 1:
Average throughput: 393.41 Mbit/s
95th percentile per-packet one-way delay: 144.104 ms
Loss rate: 1.18%

Run 8: Report of Vivace-latency — Data Link

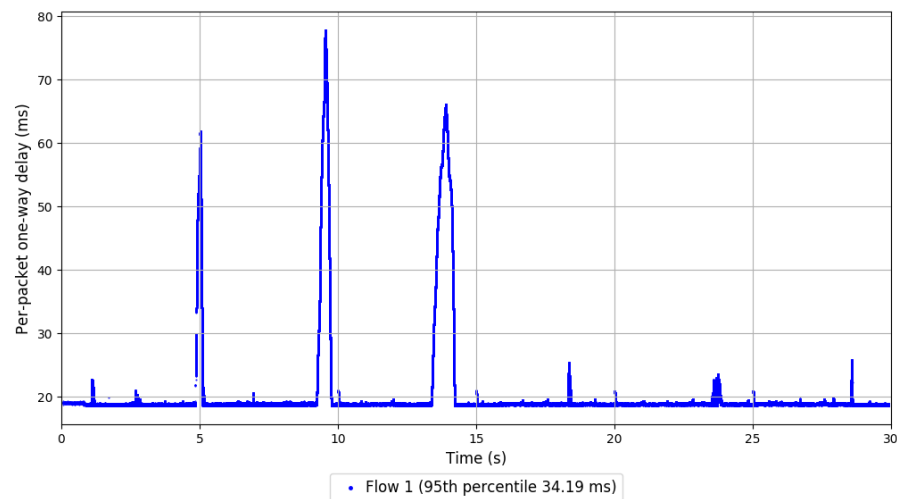
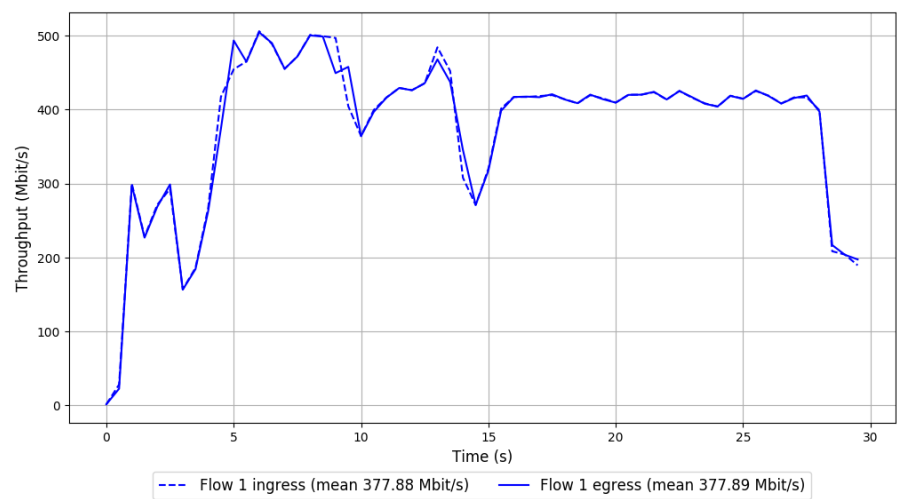


Run 9: Statistics of Vivace-latency

Start at: 2018-01-16 18:07:16
End at: 2018-01-16 18:07:46
Local clock offset: -5.47 ms
Remote clock offset: -3.677 ms

Below is generated by plot.py at 2018-01-16 22:27:38
Datalink statistics
-- Total of 1 flow:
Average throughput: 377.89 Mbit/s
95th percentile per-packet one-way delay: 34.188 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 377.89 Mbit/s
95th percentile per-packet one-way delay: 34.188 ms
Loss rate: 0.00%

Run 9: Report of Vivace-latency — Data Link

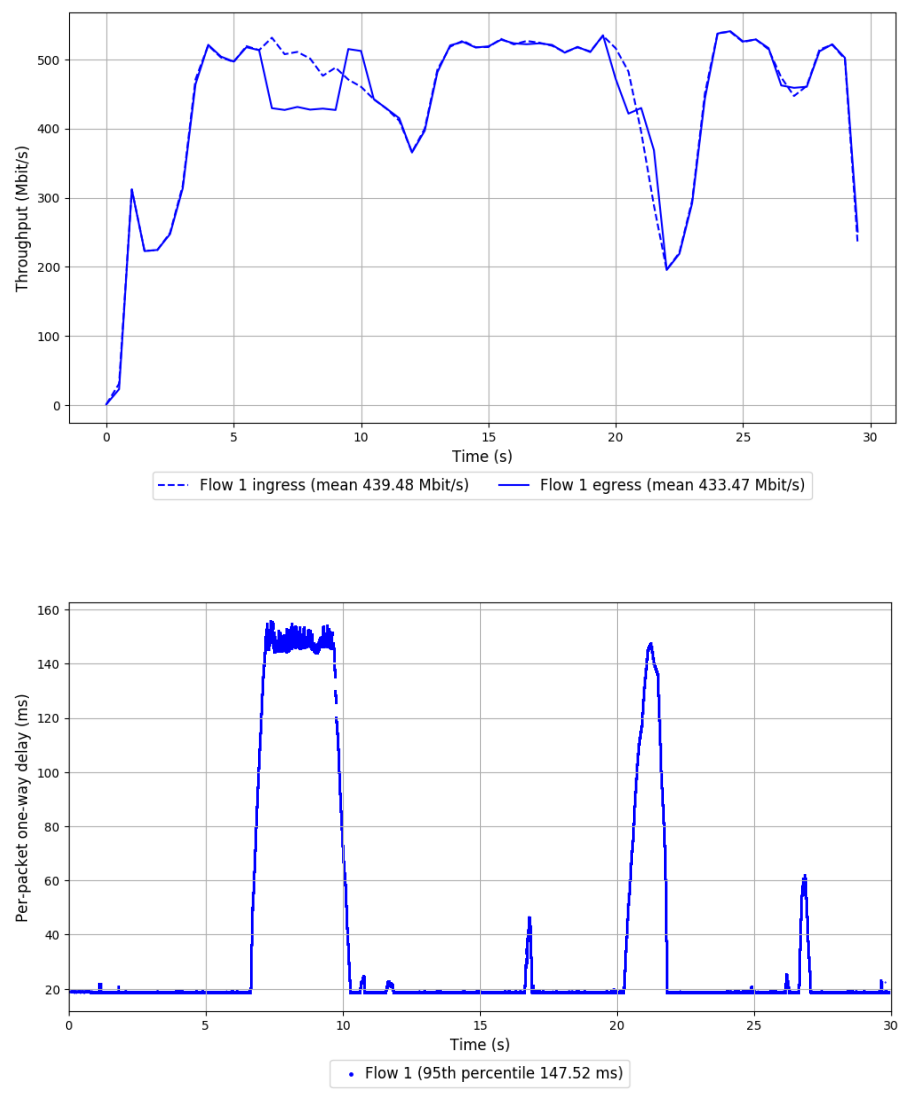


Run 10: Statistics of Vivace-latency

Start at: 2018-01-16 18:32:49
End at: 2018-01-16 18:33:19
Local clock offset: -5.412 ms
Remote clock offset: -4.069 ms

Below is generated by plot.py at 2018-01-16 22:31:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 433.47 Mbit/s
95th percentile per-packet one-way delay: 147.517 ms
Loss rate: 1.37%
-- Flow 1:
Average throughput: 433.47 Mbit/s
95th percentile per-packet one-way delay: 147.517 ms
Loss rate: 1.37%

Run 10: Report of Vivace-latency — Data Link

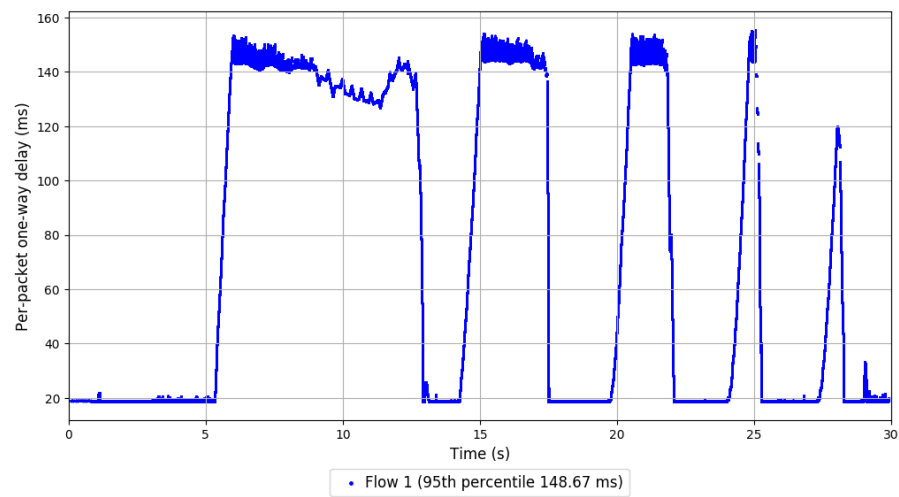
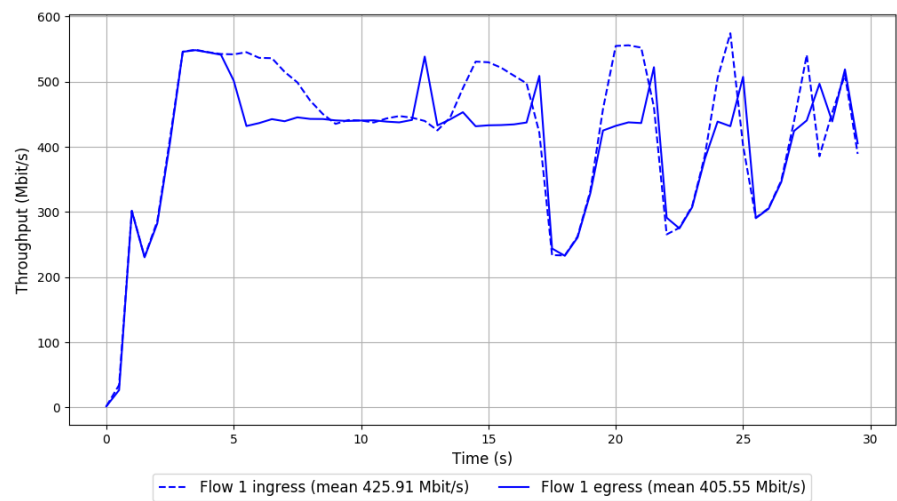


```
Run 1: Statistics of Vivace-loss

Start at: 2018-01-16 14:32:20
End at: 2018-01-16 14:32:50
Local clock offset: -3.079 ms
Remote clock offset: -2.067 ms

# Below is generated by plot.py at 2018-01-16 22:31:47
# Datalink statistics
-- Total of 1 flow:
Average throughput: 405.55 Mbit/s
95th percentile per-packet one-way delay: 148.667 ms
Loss rate: 4.78%
-- Flow 1:
Average throughput: 405.55 Mbit/s
95th percentile per-packet one-way delay: 148.667 ms
Loss rate: 4.78%
```

Run 1: Report of Vivace-loss — Data Link

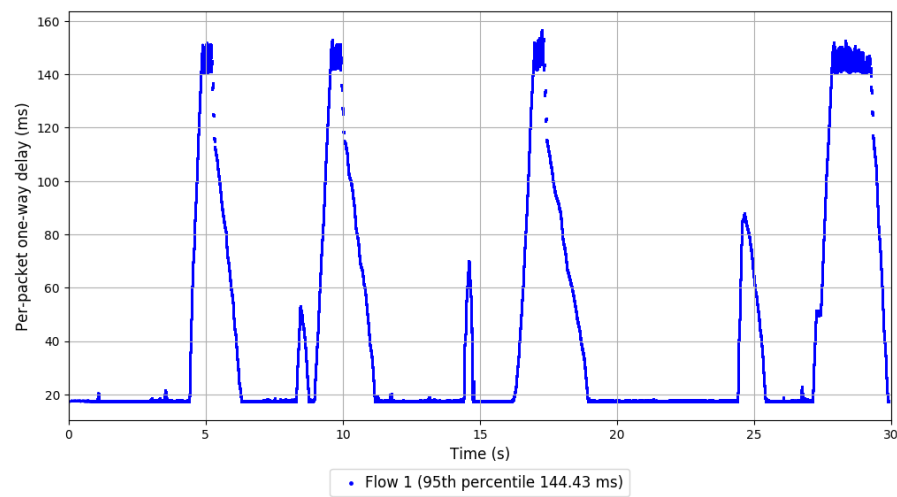
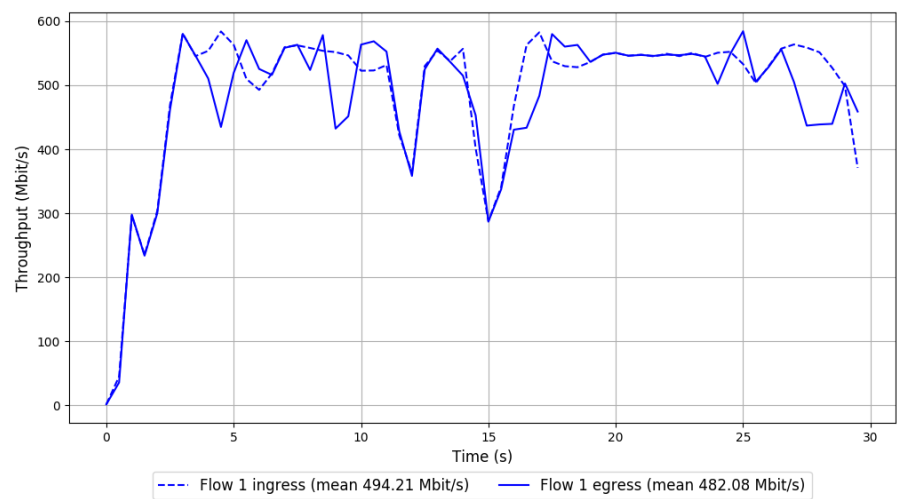


Run 2: Statistics of Vivace-loss

Start at: 2018-01-16 14:57:33
End at: 2018-01-16 14:58:03
Local clock offset: -3.455 ms
Remote clock offset: -2.176 ms

Below is generated by plot.py at 2018-01-16 22:33:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 482.08 Mbit/s
95th percentile per-packet one-way delay: 144.427 ms
Loss rate: 2.45%
-- Flow 1:
Average throughput: 482.08 Mbit/s
95th percentile per-packet one-way delay: 144.427 ms
Loss rate: 2.45%

Run 2: Report of Vivace-loss — Data Link

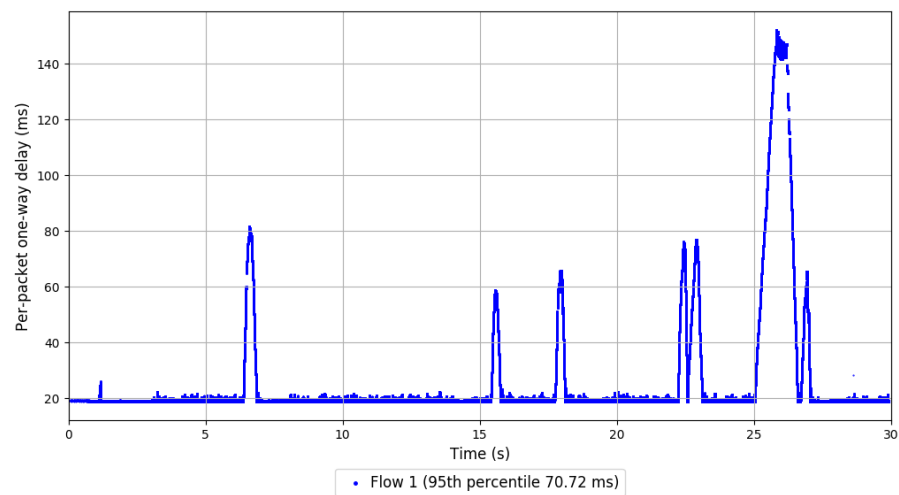
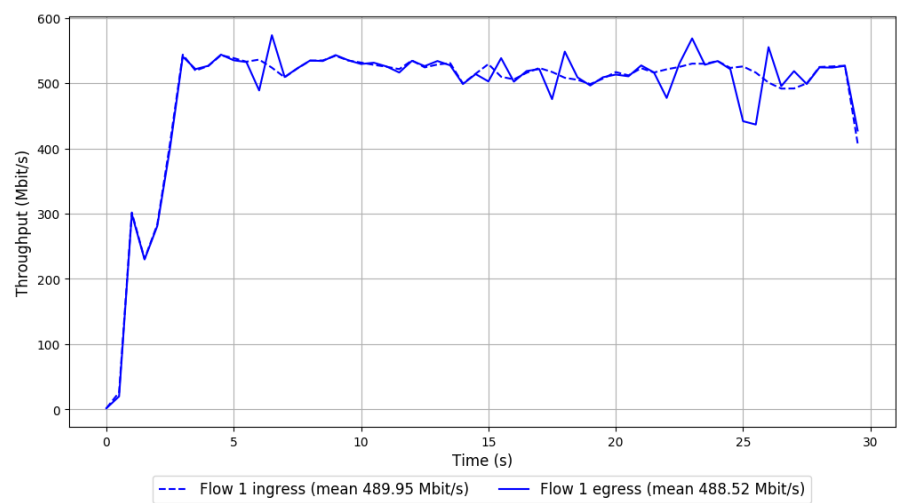


Run 3: Statistics of Vivace-loss

Start at: 2018-01-16 15:23:16
End at: 2018-01-16 15:23:46
Local clock offset: -3.991 ms
Remote clock offset: -2.273 ms

Below is generated by plot.py at 2018-01-16 22:33:47
Datalink statistics
-- Total of 1 flow:
Average throughput: 488.52 Mbit/s
95th percentile per-packet one-way delay: 70.716 ms
Loss rate: 0.29%
-- Flow 1:
Average throughput: 488.52 Mbit/s
95th percentile per-packet one-way delay: 70.716 ms
Loss rate: 0.29%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

Start at: 2018-01-16 15:48:24

End at: 2018-01-16 15:48:54

Local clock offset: -4.517 ms

Remote clock offset: -2.457 ms

Below is generated by plot.py at 2018-01-16 22:33:56

Datalink statistics

-- Total of 1 flow:

Average throughput: 470.22 Mbit/s

95th percentile per-packet one-way delay: 151.837 ms

Loss rate: 5.65%

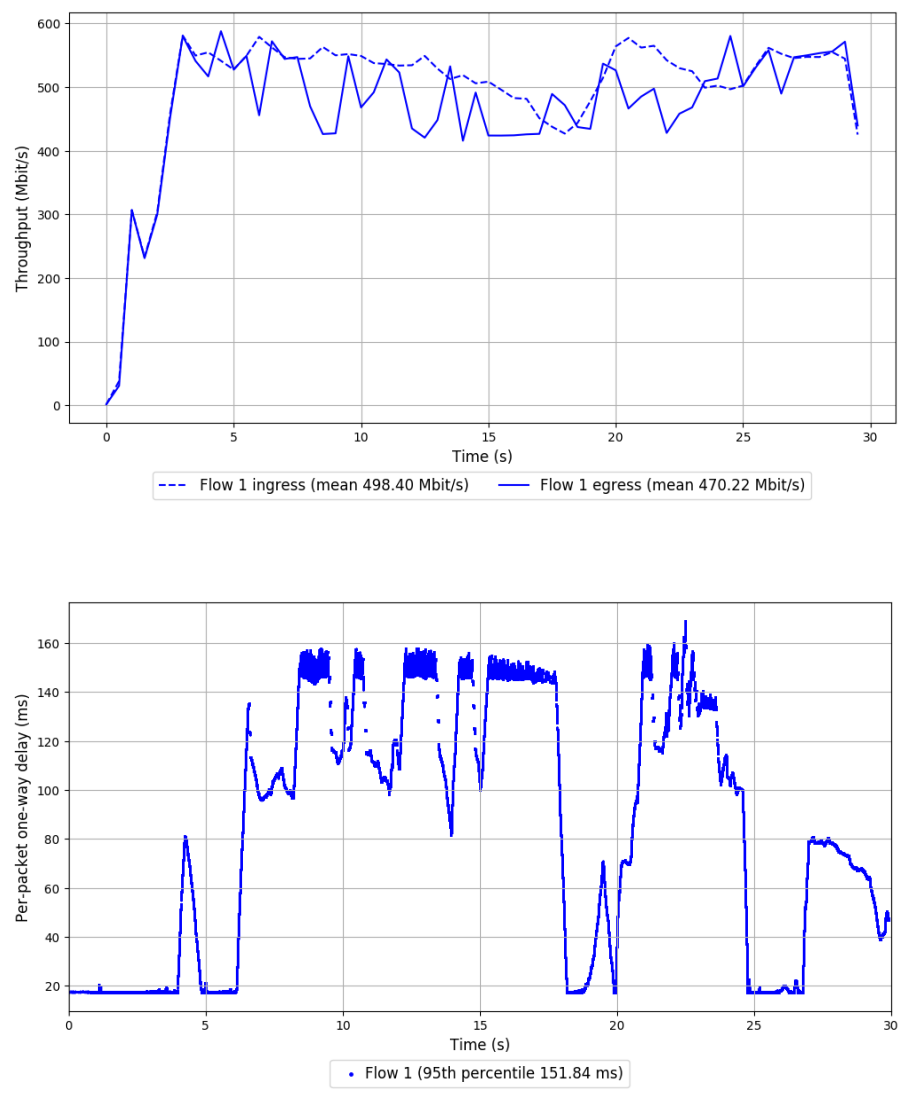
-- Flow 1:

Average throughput: 470.22 Mbit/s

95th percentile per-packet one-way delay: 151.837 ms

Loss rate: 5.65%

Run 4: Report of Vivace-loss — Data Link

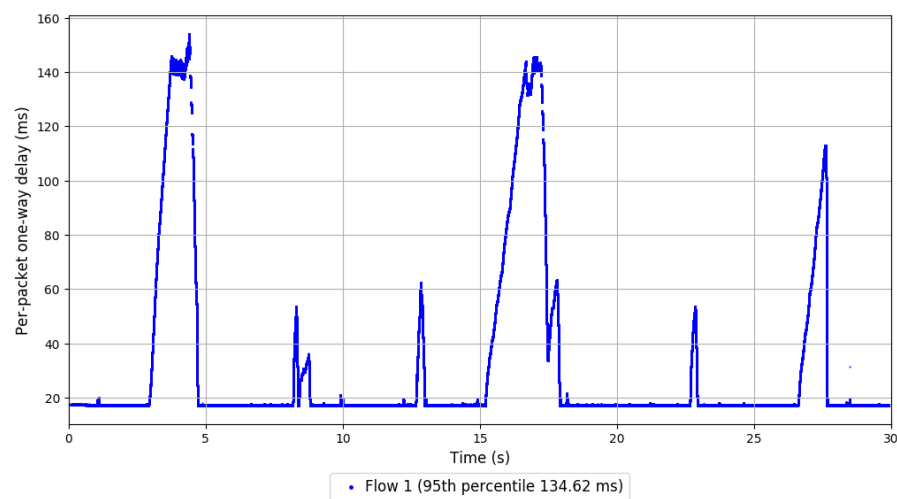
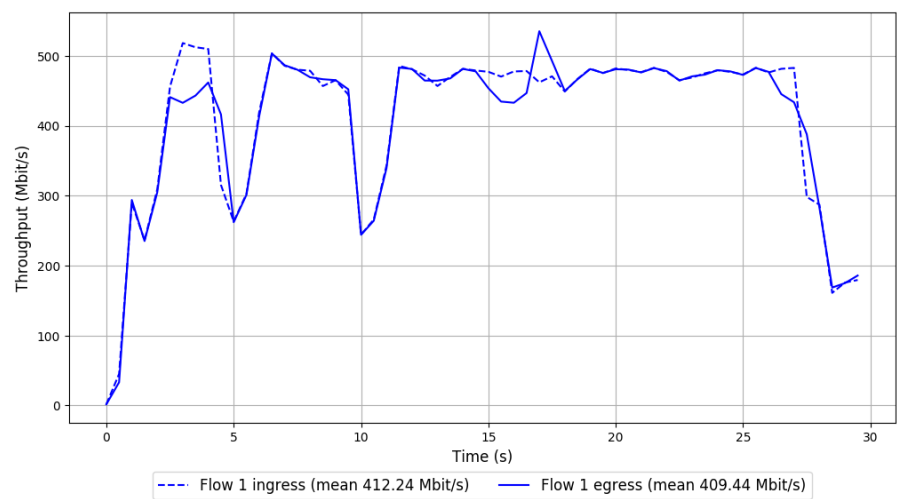


Run 5: Statistics of Vivace-loss

Start at: 2018-01-16 16:13:50
End at: 2018-01-16 16:14:20
Local clock offset: -4.862 ms
Remote clock offset: -2.904 ms

Below is generated by plot.py at 2018-01-16 22:34:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 409.44 Mbit/s
95th percentile per-packet one-way delay: 134.624 ms
Loss rate: 0.68%
-- Flow 1:
Average throughput: 409.44 Mbit/s
95th percentile per-packet one-way delay: 134.624 ms
Loss rate: 0.68%

Run 5: Report of Vivace-loss — Data Link

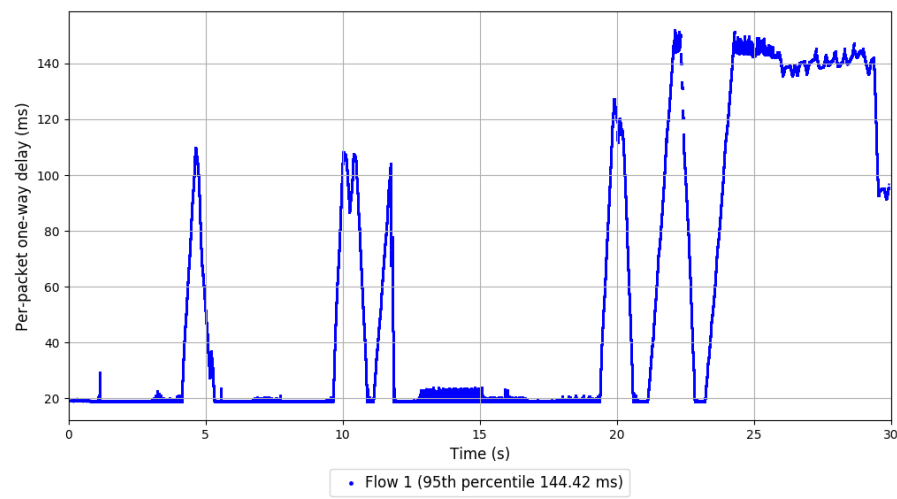
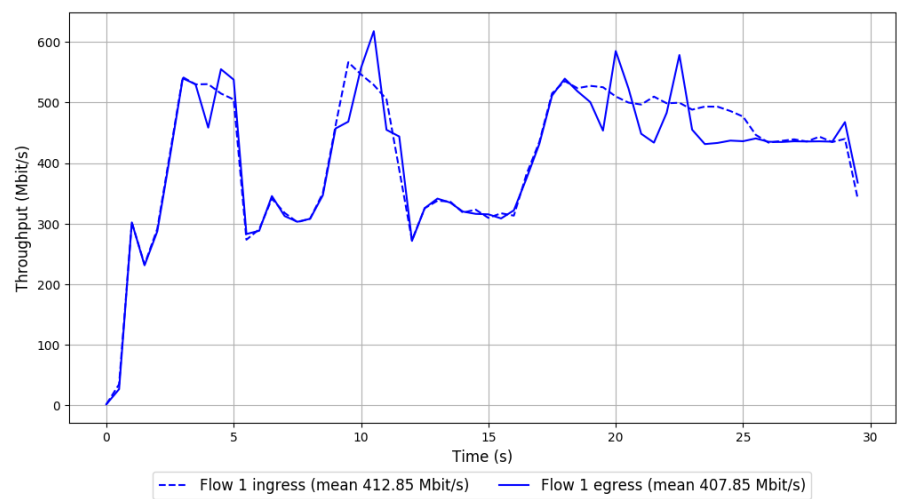


Run 6: Statistics of Vivace-loss

Start at: 2018-01-16 16:39:39
End at: 2018-01-16 16:40:09
Local clock offset: -5.18 ms
Remote clock offset: -2.608 ms

Below is generated by plot.py at 2018-01-16 22:38:21
Datalink statistics
-- Total of 1 flow:
Average throughput: 407.85 Mbit/s
95th percentile per-packet one-way delay: 144.418 ms
Loss rate: 1.20%
-- Flow 1:
Average throughput: 407.85 Mbit/s
95th percentile per-packet one-way delay: 144.418 ms
Loss rate: 1.20%

Run 6: Report of Vivace-loss — Data Link

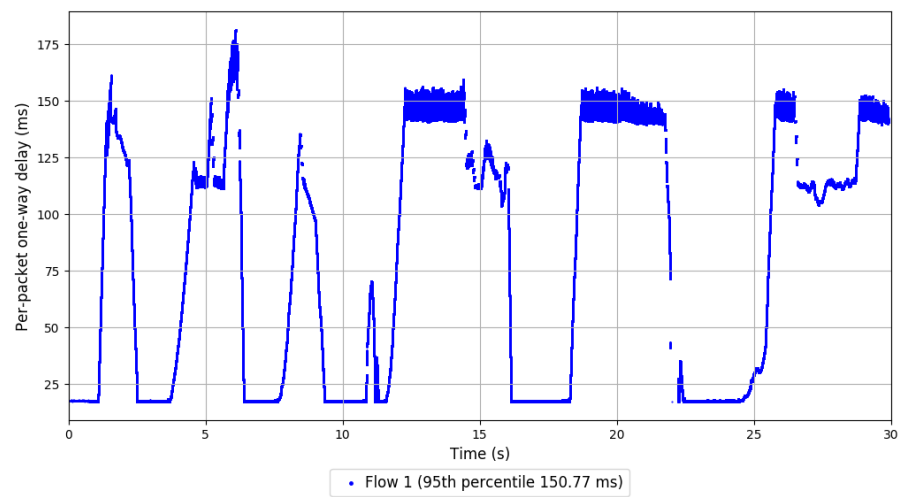
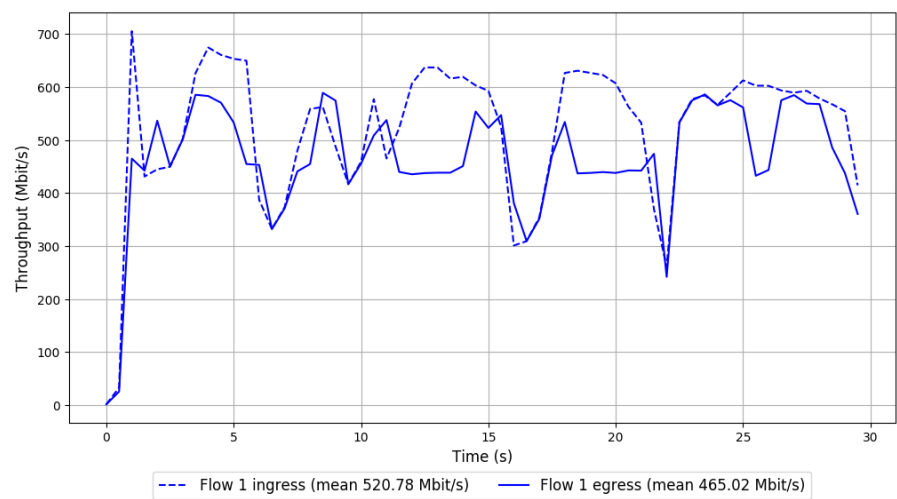


Run 7: Statistics of Vivace-loss

Start at: 2018-01-16 17:05:14
End at: 2018-01-16 17:05:44
Local clock offset: -5.165 ms
Remote clock offset: -2.364 ms

Below is generated by plot.py at 2018-01-16 22:40:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 465.02 Mbit/s
95th percentile per-packet one-way delay: 150.767 ms
Loss rate: 10.70%
-- Flow 1:
Average throughput: 465.02 Mbit/s
95th percentile per-packet one-way delay: 150.767 ms
Loss rate: 10.70%

Run 7: Report of Vivace-loss — Data Link

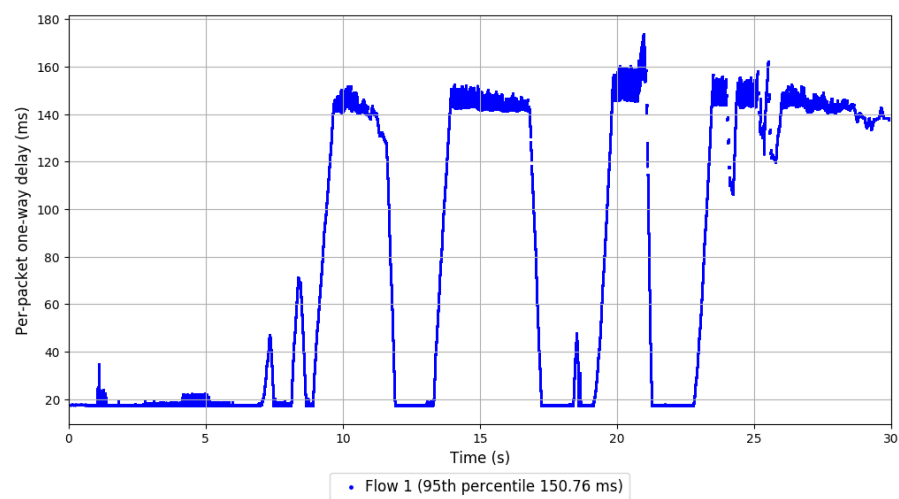
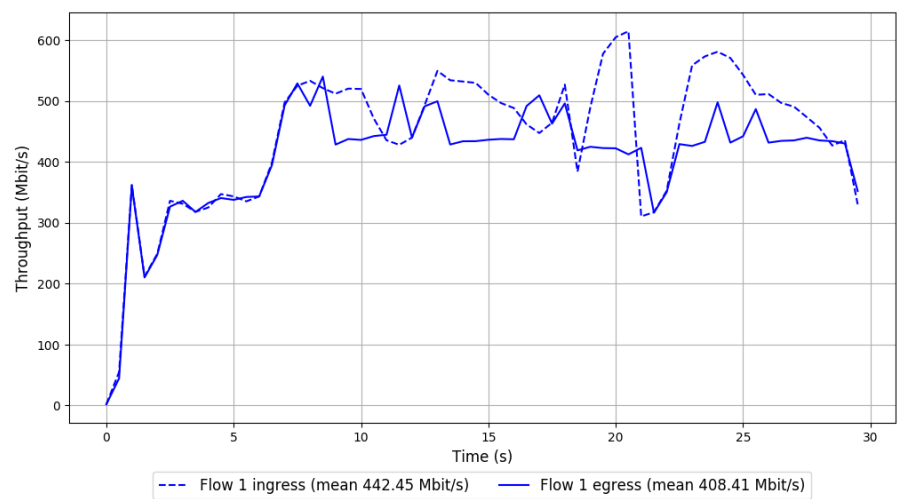


Run 8: Statistics of Vivace-loss

Start at: 2018-01-16 17:31:01
End at: 2018-01-16 17:31:32
Local clock offset: -5.404 ms
Remote clock offset: -2.977 ms

Below is generated by plot.py at 2018-01-16 22:41:56
Datalink statistics
-- Total of 1 flow:
Average throughput: 408.41 Mbit/s
95th percentile per-packet one-way delay: 150.765 ms
Loss rate: 7.69%
-- Flow 1:
Average throughput: 408.41 Mbit/s
95th percentile per-packet one-way delay: 150.765 ms
Loss rate: 7.69%

Run 8: Report of Vivace-loss — Data Link

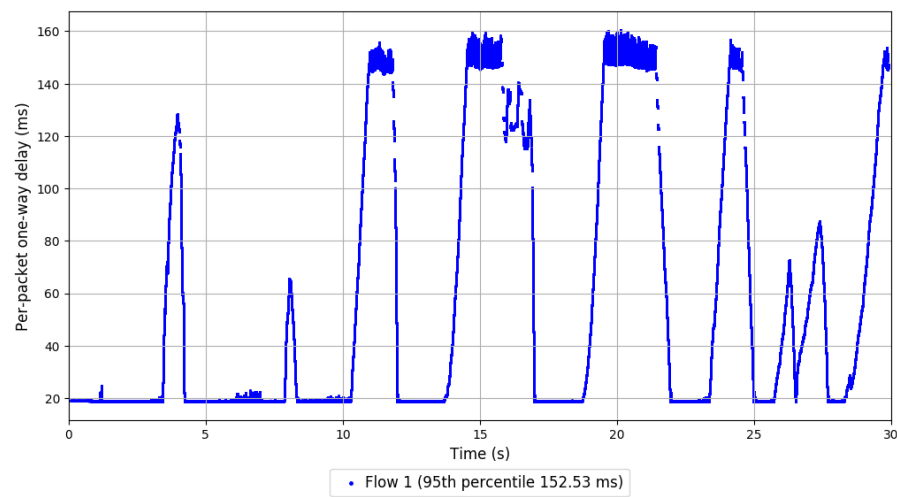
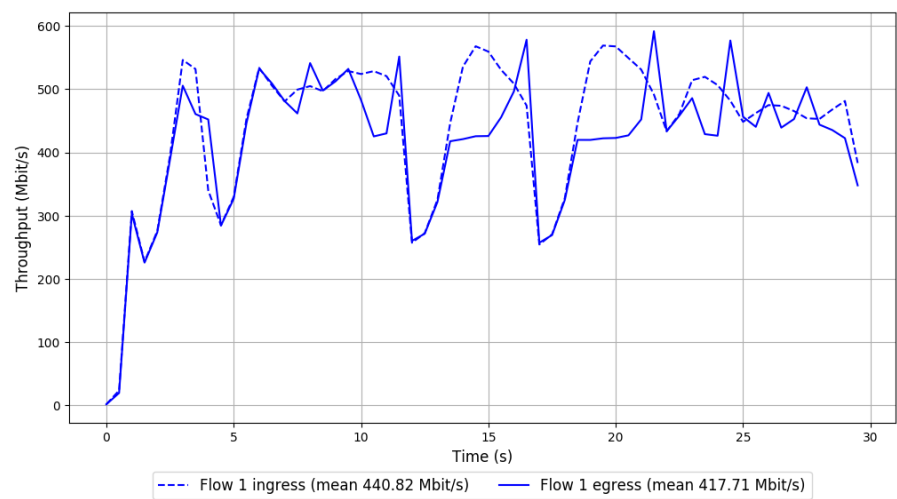


Run 9: Statistics of Vivace-loss

Start at: 2018-01-16 17:56:47
End at: 2018-01-16 17:57:17
Local clock offset: -5.536 ms
Remote clock offset: -3.627 ms

Below is generated by plot.py at 2018-01-16 22:42:34
Datalink statistics
-- Total of 1 flow:
Average throughput: 417.71 Mbit/s
95th percentile per-packet one-way delay: 152.525 ms
Loss rate: 5.24%
-- Flow 1:
Average throughput: 417.71 Mbit/s
95th percentile per-packet one-way delay: 152.525 ms
Loss rate: 5.24%

Run 9: Report of Vivace-loss — Data Link

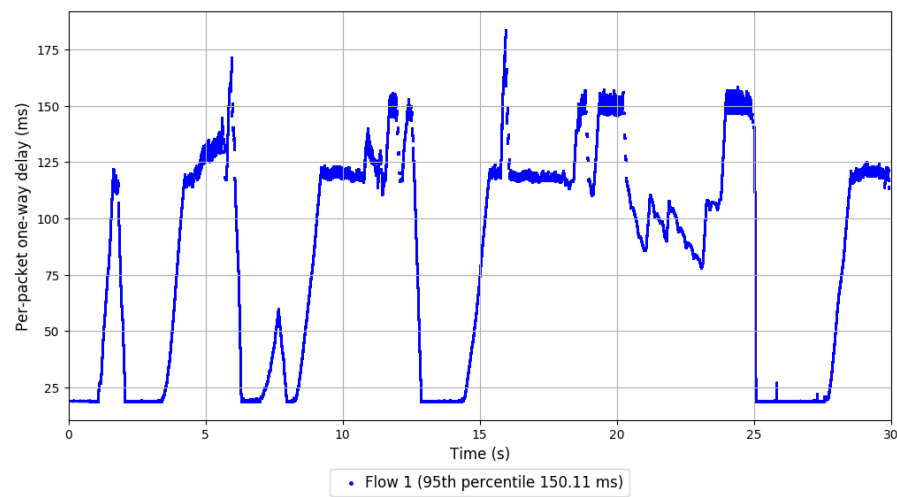
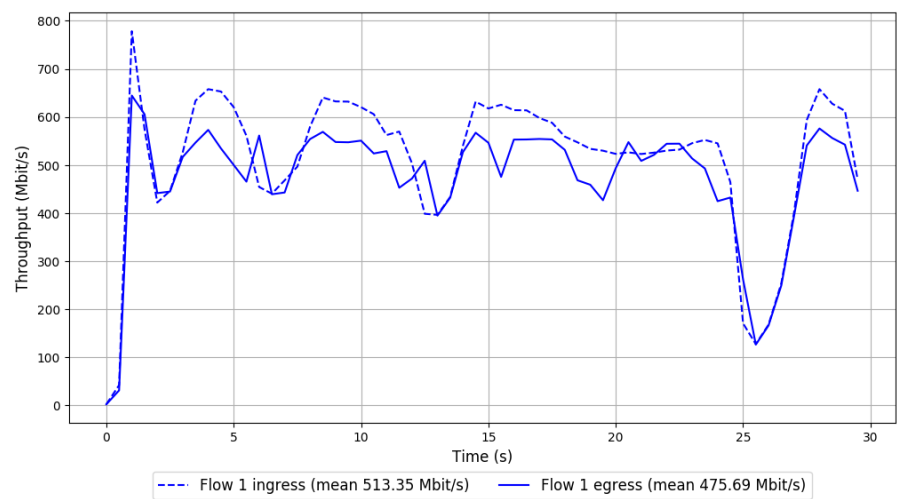


Run 10: Statistics of Vivace-loss

Start at: 2018-01-16 18:22:20
End at: 2018-01-16 18:22:50
Local clock offset: -5.459 ms
Remote clock offset: -3.858 ms

Below is generated by plot.py at 2018-01-16 22:45:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 475.69 Mbit/s
95th percentile per-packet one-way delay: 150.113 ms
Loss rate: 7.34%
-- Flow 1:
Average throughput: 475.69 Mbit/s
95th percentile per-packet one-way delay: 150.113 ms
Loss rate: 7.34%

Run 10: Report of Vivace-loss — Data Link

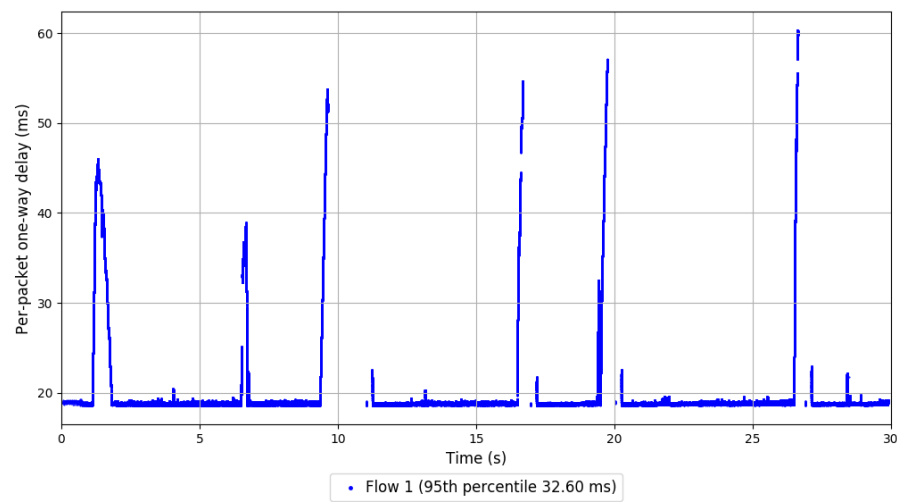
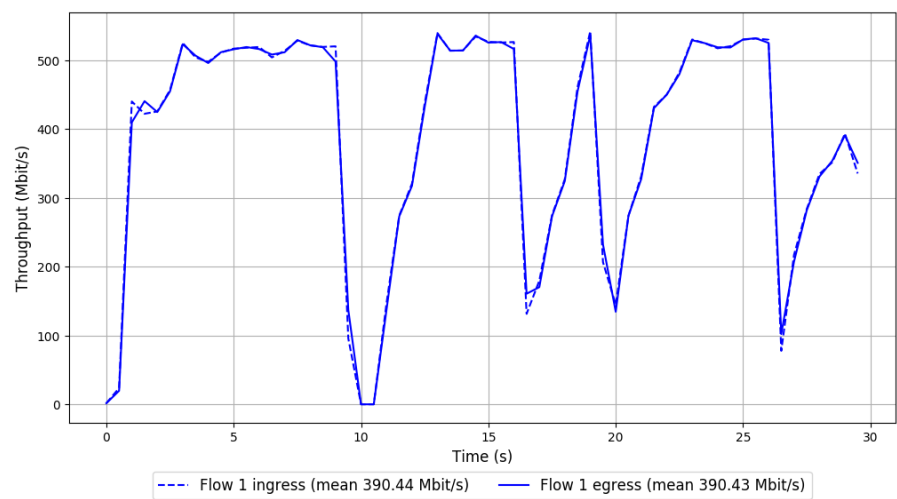


Run 1: Statistics of Vivace-LTE

Start at: 2018-01-16 14:18:46
End at: 2018-01-16 14:19:16
Local clock offset: -3.672 ms
Remote clock offset: -1.776 ms

Below is generated by plot.py at 2018-01-16 22:45:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 390.43 Mbit/s
95th percentile per-packet one-way delay: 32.602 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 390.43 Mbit/s
95th percentile per-packet one-way delay: 32.602 ms
Loss rate: 0.00%

Run 1: Report of Vivace-LTE — Data Link

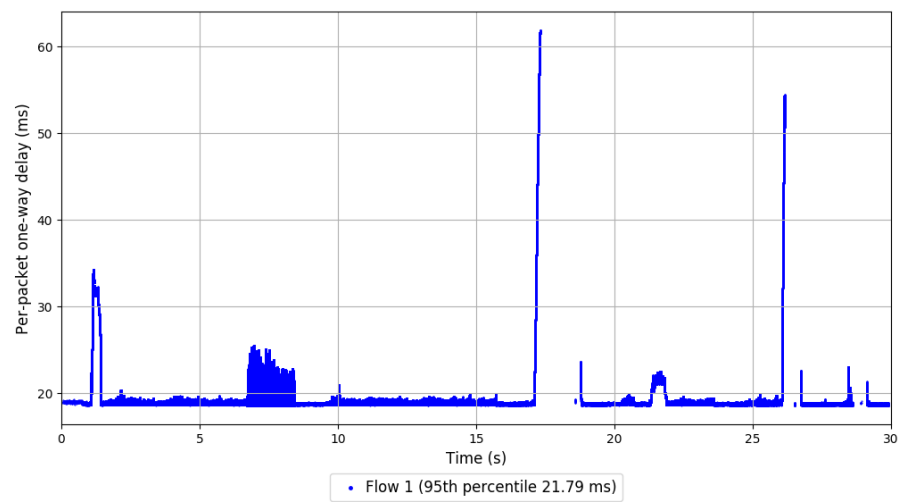
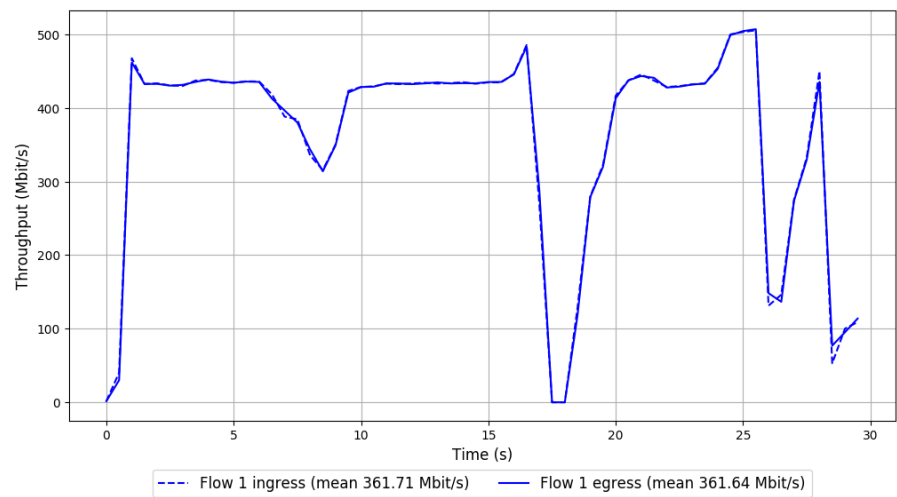


Run 2: Statistics of Vivace-LTE

Start at: 2018-01-16 14:44:17
End at: 2018-01-16 14:44:47
Local clock offset: -3.177 ms
Remote clock offset: -2.358 ms

Below is generated by plot.py at 2018-01-16 22:45:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 361.64 Mbit/s
95th percentile per-packet one-way delay: 21.787 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 361.64 Mbit/s
95th percentile per-packet one-way delay: 21.787 ms
Loss rate: 0.02%

Run 2: Report of Vivace-LTE — Data Link

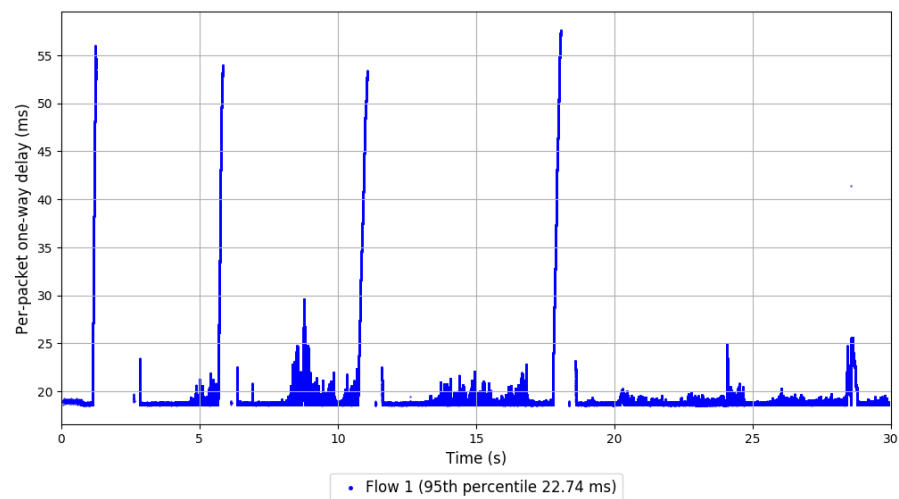
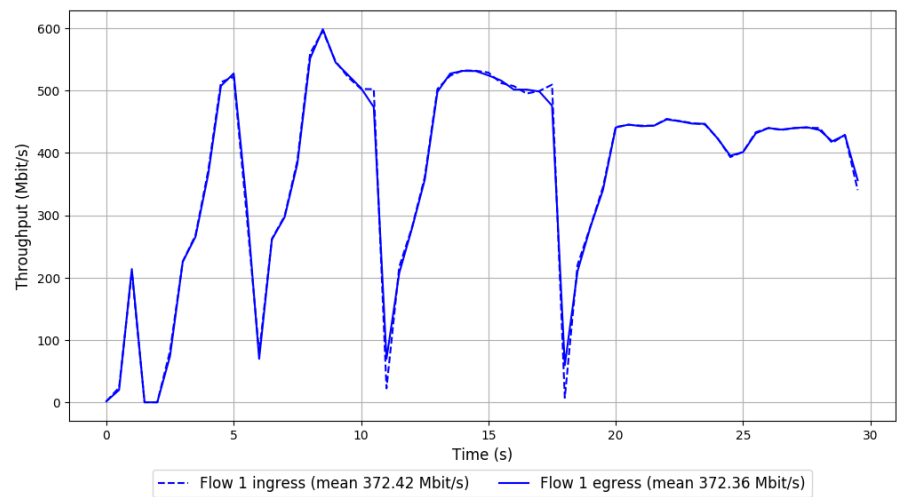


Run 3: Statistics of Vivace-LTE

Start at: 2018-01-16 15:09:50
End at: 2018-01-16 15:10:20
Local clock offset: -3.665 ms
Remote clock offset: -2.201 ms

Below is generated by plot.py at 2018-01-16 22:45:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 372.36 Mbit/s
95th percentile per-packet one-way delay: 22.738 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 372.36 Mbit/s
95th percentile per-packet one-way delay: 22.738 ms
Loss rate: 0.02%

Run 3: Report of Vivace-LTE — Data Link



Run 4: Statistics of Vivace-LTE

Start at: 2018-01-16 15:35:14

End at: 2018-01-16 15:35:44

Local clock offset: -4.23 ms

Remote clock offset: -2.601 ms

Below is generated by plot.py at 2018-01-16 22:47:22

Datalink statistics

-- Total of 1 flow:

Average throughput: 360.82 Mbit/s

95th percentile per-packet one-way delay: 32.989 ms

Loss rate: 0.03%

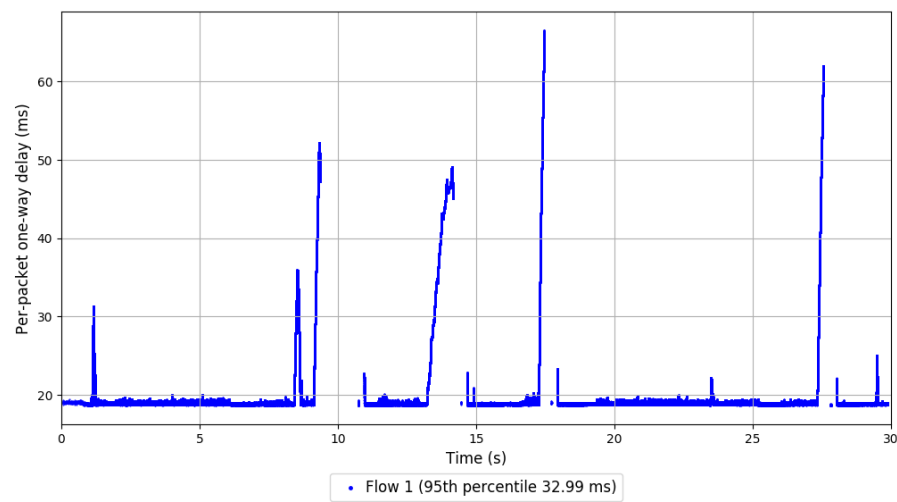
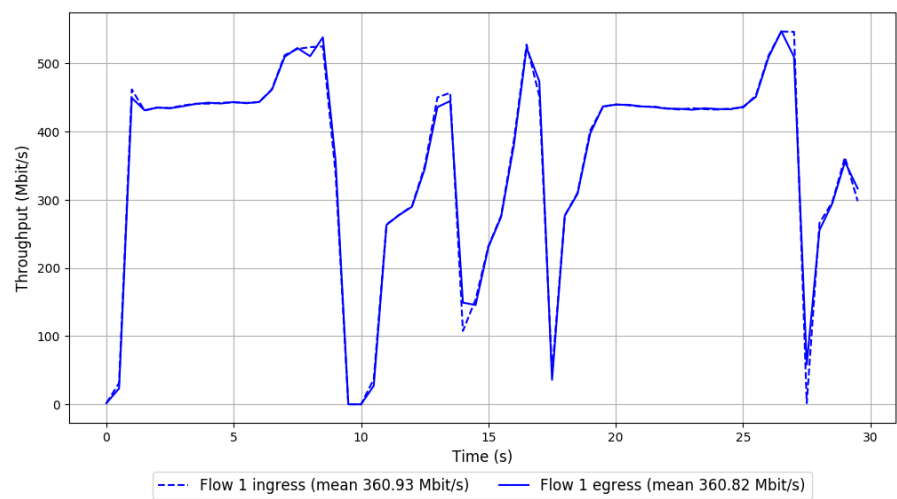
-- Flow 1:

Average throughput: 360.82 Mbit/s

95th percentile per-packet one-way delay: 32.989 ms

Loss rate: 0.03%

Run 4: Report of Vivace-LTE — Data Link



Run 5: Statistics of Vivace-LTE

Start at: 2018-01-16 16:00:24

End at: 2018-01-16 16:00:54

Local clock offset: -4.74 ms

Remote clock offset: -2.665 ms

Below is generated by plot.py at 2018-01-16 22:51:24

Datalink statistics

-- Total of 1 flow:

Average throughput: 436.51 Mbit/s

95th percentile per-packet one-way delay: 22.686 ms

Loss rate: 0.01%

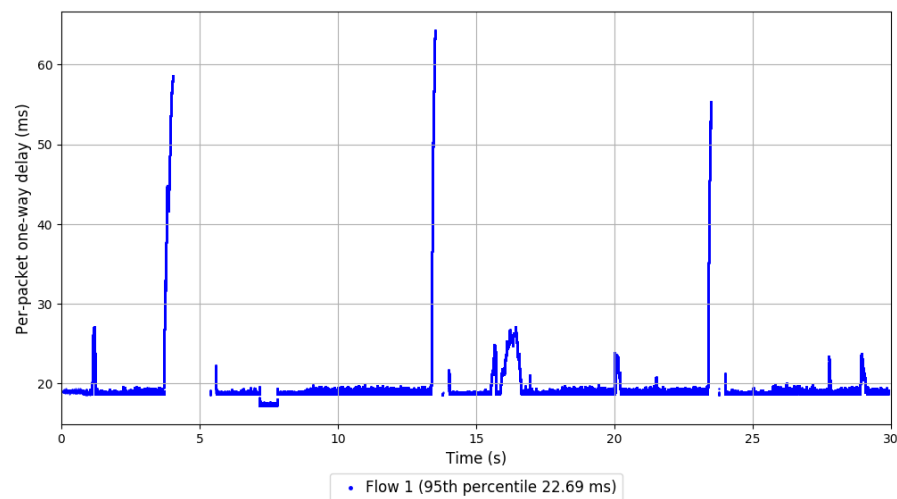
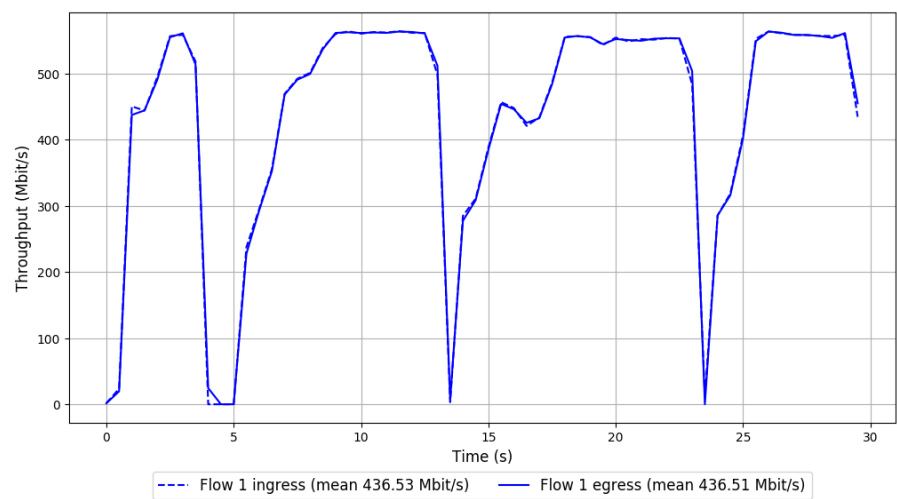
-- Flow 1:

Average throughput: 436.51 Mbit/s

95th percentile per-packet one-way delay: 22.686 ms

Loss rate: 0.01%

Run 5: Report of Vivace-LTE — Data Link

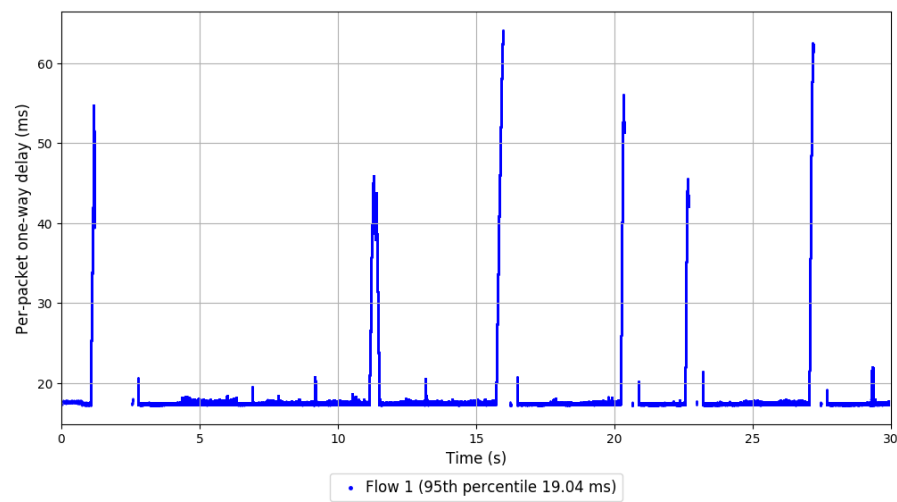
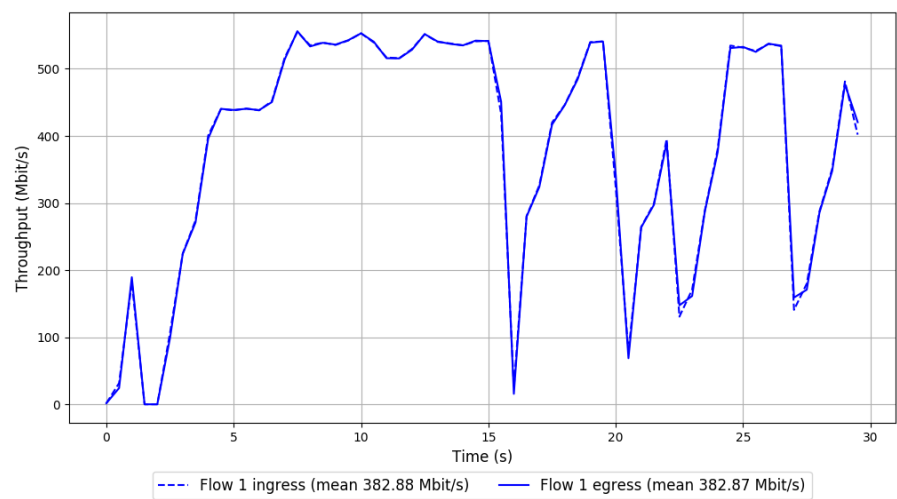


Run 6: Statistics of Vivace-LTE

Start at: 2018-01-16 16:26:12
End at: 2018-01-16 16:26:42
Local clock offset: -4.988 ms
Remote clock offset: -2.804 ms

Below is generated by plot.py at 2018-01-16 22:51:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 382.87 Mbit/s
95th percentile per-packet one-way delay: 19.035 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 382.87 Mbit/s
95th percentile per-packet one-way delay: 19.035 ms
Loss rate: 0.00%

Run 6: Report of Vivace-LTE — Data Link

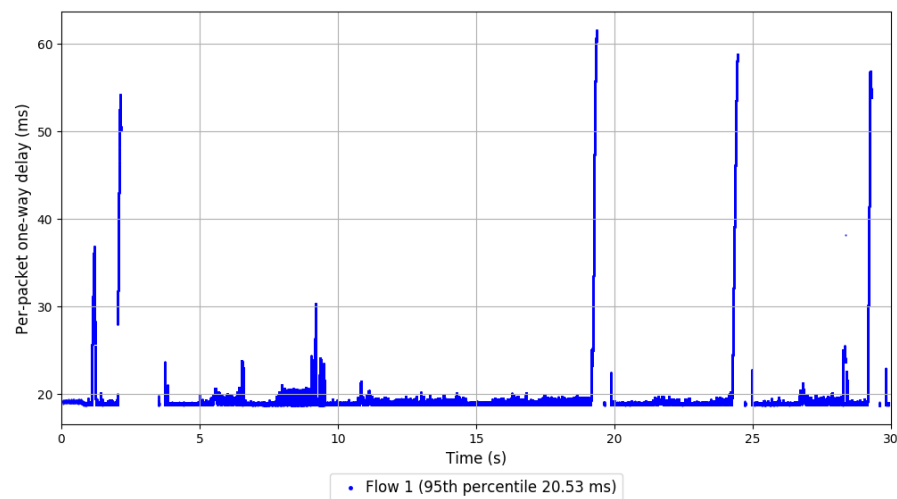
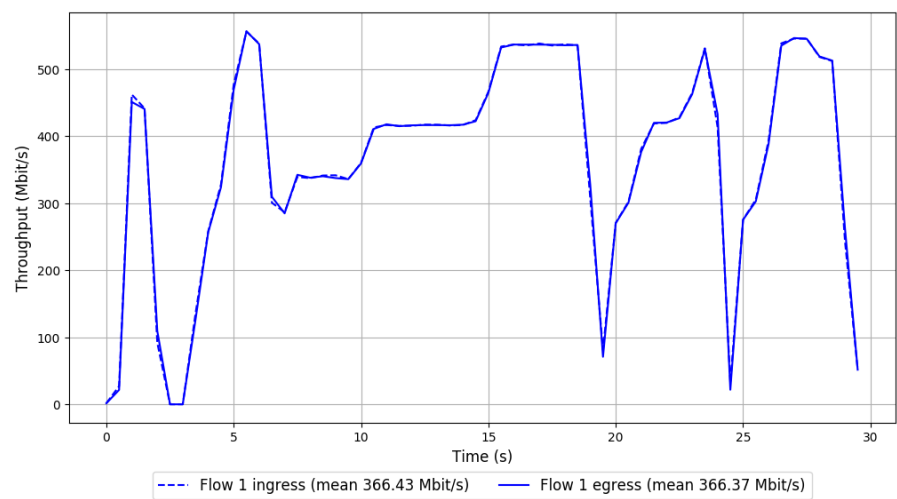


Run 7: Statistics of Vivace-LTE

Start at: 2018-01-16 16:51:49
End at: 2018-01-16 16:52:19
Local clock offset: -5.227 ms
Remote clock offset: -2.417 ms

Below is generated by plot.py at 2018-01-16 22:51:24
Datalink statistics
-- Total of 1 flow:
Average throughput: 366.37 Mbit/s
95th percentile per-packet one-way delay: 20.527 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 366.37 Mbit/s
95th percentile per-packet one-way delay: 20.527 ms
Loss rate: 0.02%

Run 7: Report of Vivace-LTE — Data Link

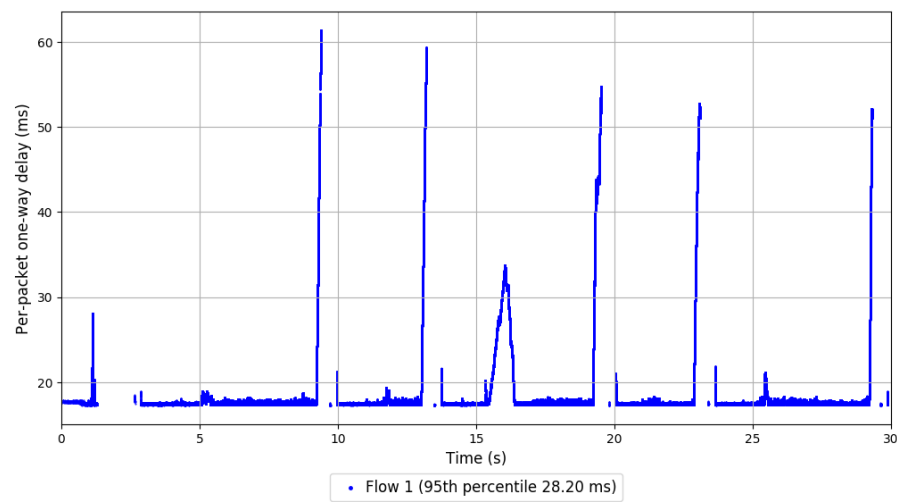
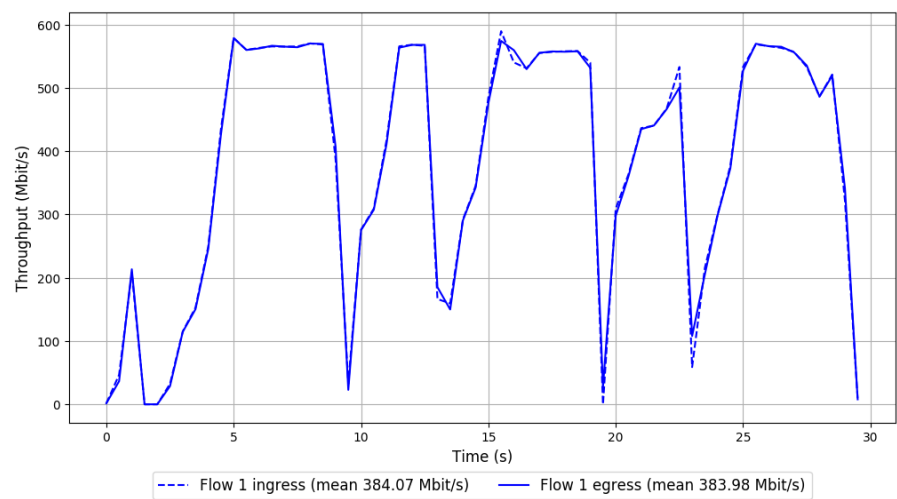


Run 8: Statistics of Vivace-LTE

Start at: 2018-01-16 17:17:24
End at: 2018-01-16 17:17:54
Local clock offset: -5.301 ms
Remote clock offset: -2.572 ms

Below is generated by plot.py at 2018-01-16 22:51:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 383.98 Mbit/s
95th percentile per-packet one-way delay: 28.205 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 383.98 Mbit/s
95th percentile per-packet one-way delay: 28.205 ms
Loss rate: 0.02%

Run 8: Report of Vivace-LTE — Data Link



Run 9: Statistics of Vivace-LTE

Start at: 2018-01-16 17:43:12

End at: 2018-01-16 17:43:42

Local clock offset: -5.461 ms

Remote clock offset: -3.39 ms

Below is generated by plot.py at 2018-01-16 22:51:39

Datalink statistics

-- Total of 1 flow:

Average throughput: 395.52 Mbit/s

95th percentile per-packet one-way delay: 19.609 ms

Loss rate: 0.10%

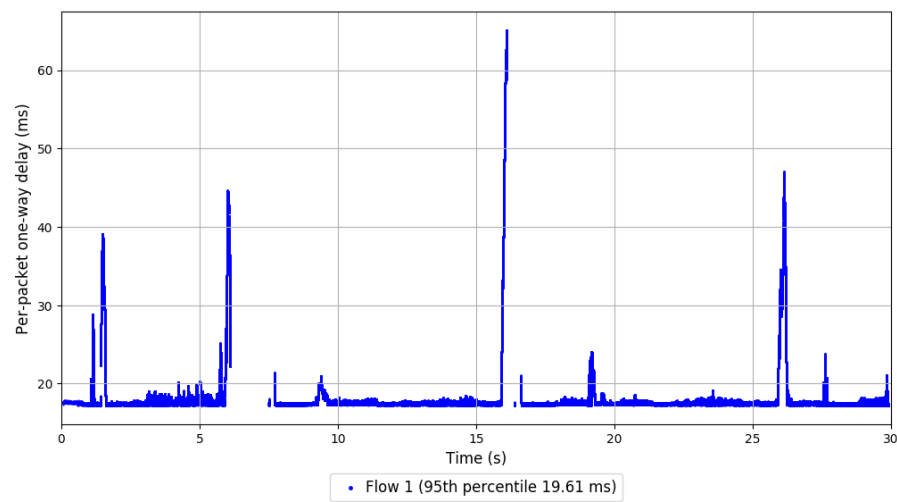
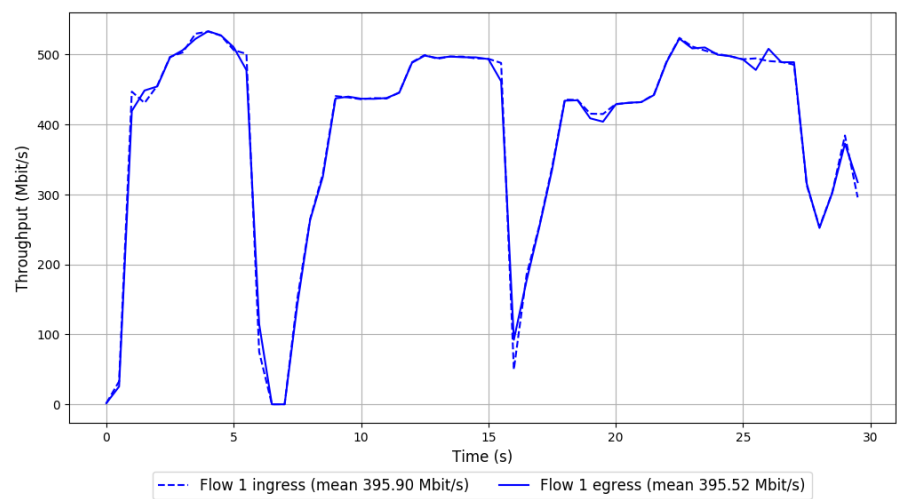
-- Flow 1:

Average throughput: 395.52 Mbit/s

95th percentile per-packet one-way delay: 19.609 ms

Loss rate: 0.10%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-01-16 18:08:55
End at: 2018-01-16 18:09:25
Local clock offset: -5.58 ms
Remote clock offset: -3.713 ms

Below is generated by plot.py at 2018-01-16 22:51:39
Datalink statistics
-- Total of 1 flow:
Average throughput: 368.10 Mbit/s
95th percentile per-packet one-way delay: 18.226 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 368.10 Mbit/s
95th percentile per-packet one-way delay: 18.226 ms
Loss rate: 0.00%

Run 10: Report of Vivace-LTE — Data Link

