

Pantheon Report

Generated at 2017-09-18 07:43:02 (UTC).

Data path: AWS Brazil 1 Ethernet (*local*) → Brazil Ethernet (*remote*).

Repeated the test of 15 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).

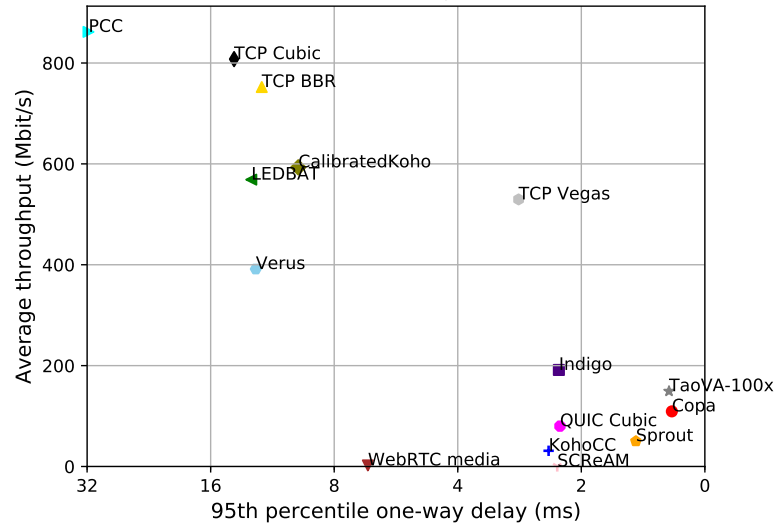
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against **gps.ntp.br** and have been applied to correct the timestamps in logs.

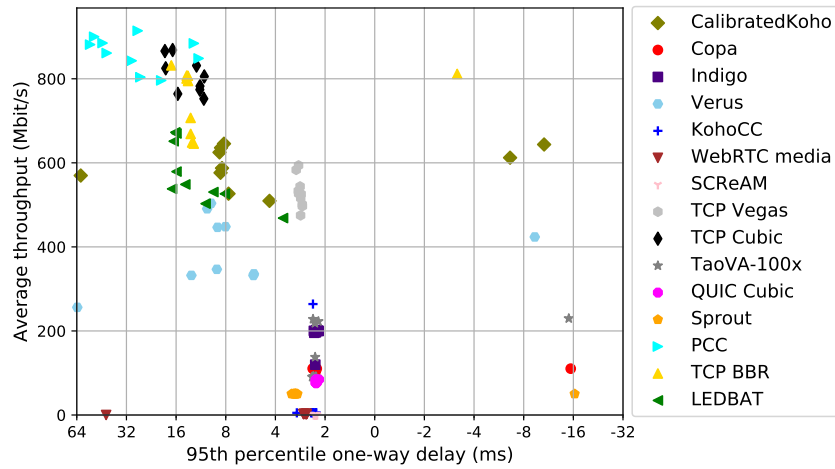
Git summary:

```
branch: master @ 57453dc11f8da93a2e03eea75289fea01b816298
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/genericCC @ f7ca42f251bf49b432bb71de6d13fa903515c366
third_party/indigo @ b19f3730105f9aa95452552af924e3719b03cc55
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ baf443516dea3eeddeccaf9b916cc313273ca4f4
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/webRTC @ a488197ddd041ace68a42849b2540ad834825f42
```

test from AWS Brazil 1 Ethernet to Brazil Ethernet, 10 runs of 30s each per scheme
(mean of all runs by scheme)



test from AWS Brazil 1 Ethernet to Brazil Ethernet, 10 runs of 30s each per scheme



scheme	# runs	mean avg tput (Mbit/s) flow 1	mean 95th-%ile delay (ms) flow 1	mean loss rate (%) flow 1
TCP BBR	10	752.39	12.01	0.06
CalibratedKoho	10	593.17	9.79	0.46
Copa	10	109.28	0.53	0.00
TCP Cubic	9	807.73	14.03	0.02
Indigo	10	191.44	2.27	0.00
KohoCC	10	31.13	2.40	0.00
LEDBAT	10	568.77	12.74	0.01
PCC	10	861.71	31.75	0.15
QUIC Cubic	7	80.02	2.25	0.00
SCReAM	10	0.22	2.29	0.00
Sprout	10	50.24	1.12	0.00
TaoVA-100x	10	149.25	0.58	0.00
TCP Vegas	10	529.53	2.84	0.00
Verus	10	391.55	12.42	0.94
WebRTC media	10	2.11	6.62	0.63

Run 1: Statistics of TCP BBR

Start at: 2017-09-18 00:39:39

End at: 2017-09-18 00:40:09

Local clock offset: -4.639 ms

Remote clock offset: 0.08 ms

Below is generated by plot.py at 2017-09-18 06:20:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 831.89 Mbit/s

95th percentile per-packet one-way delay: 17.100 ms

Loss rate: 0.16%

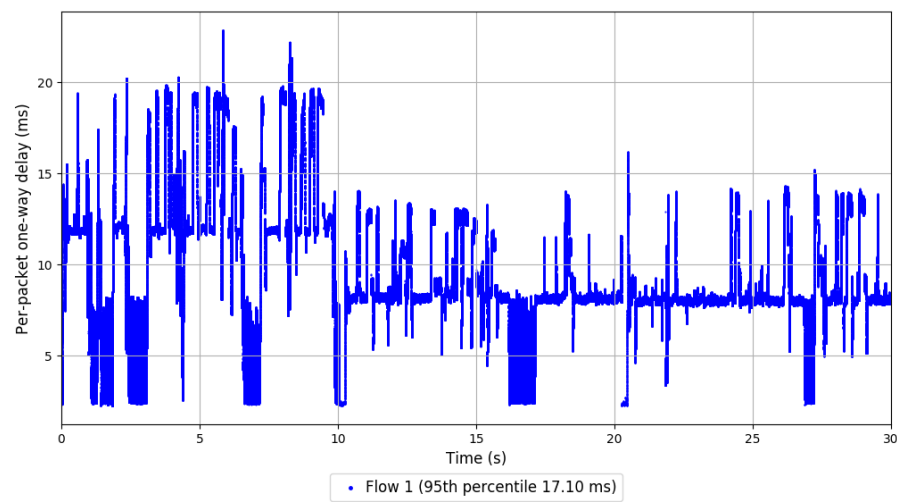
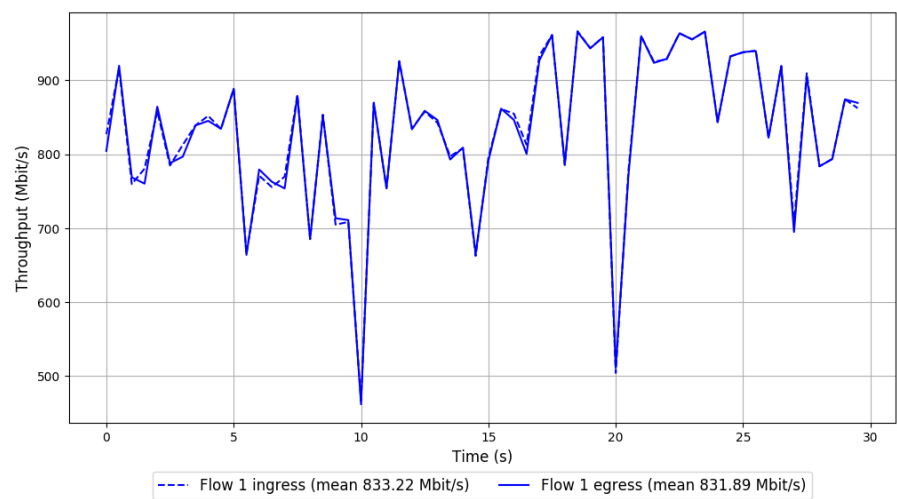
-- Flow 1:

Average throughput: 831.89 Mbit/s

95th percentile per-packet one-way delay: 17.100 ms

Loss rate: 0.16%

Run 1: Report of TCP BBR — Data Link

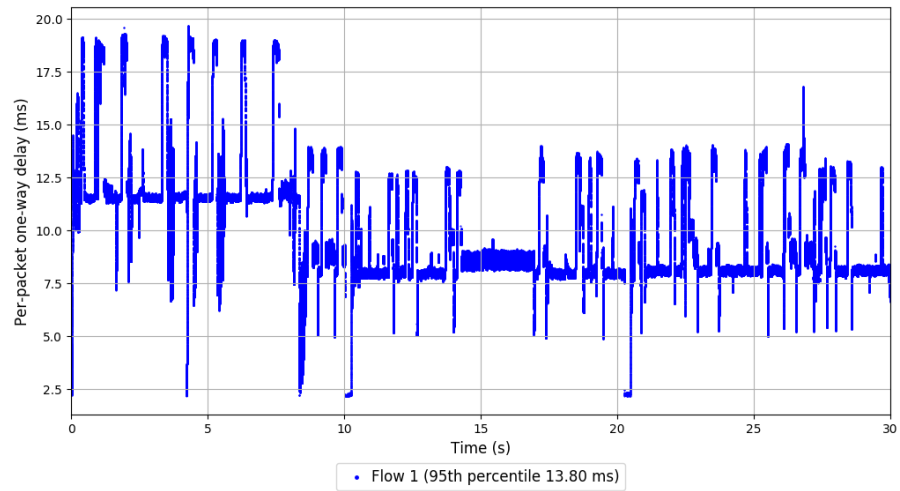
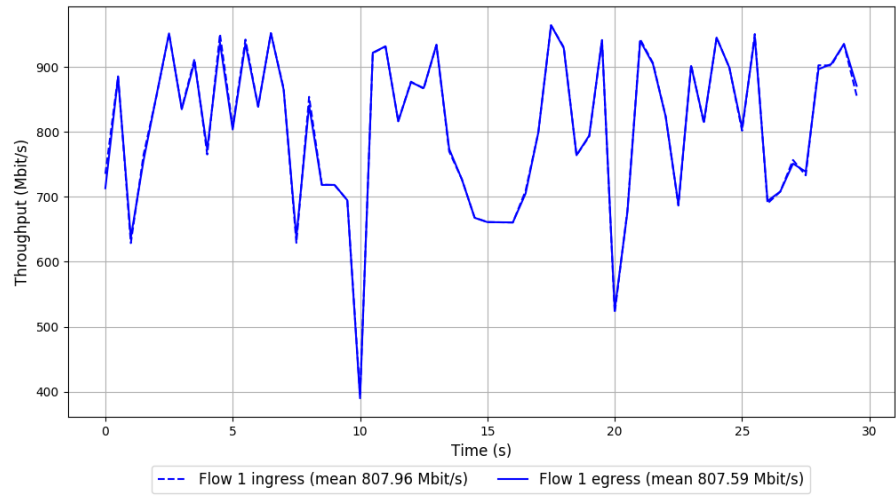


Run 2: Statistics of TCP BBR

Start at: 2017-09-18 00:59:16
End at: 2017-09-18 00:59:46
Local clock offset: -4.389 ms
Remote clock offset: -0.016 ms

Below is generated by plot.py at 2017-09-18 06:20:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 807.59 Mbit/s
95th percentile per-packet one-way delay: 13.796 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 807.59 Mbit/s
95th percentile per-packet one-way delay: 13.796 ms
Loss rate: 0.08%

Run 2: Report of TCP BBR — Data Link

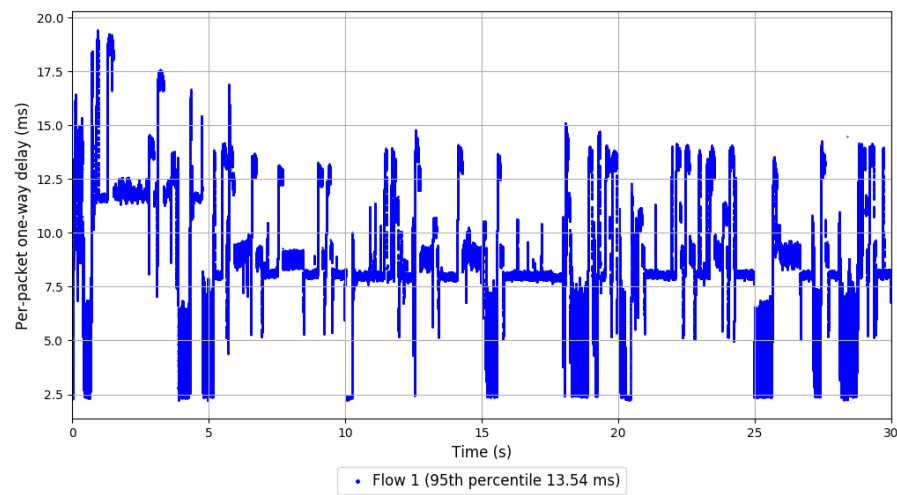
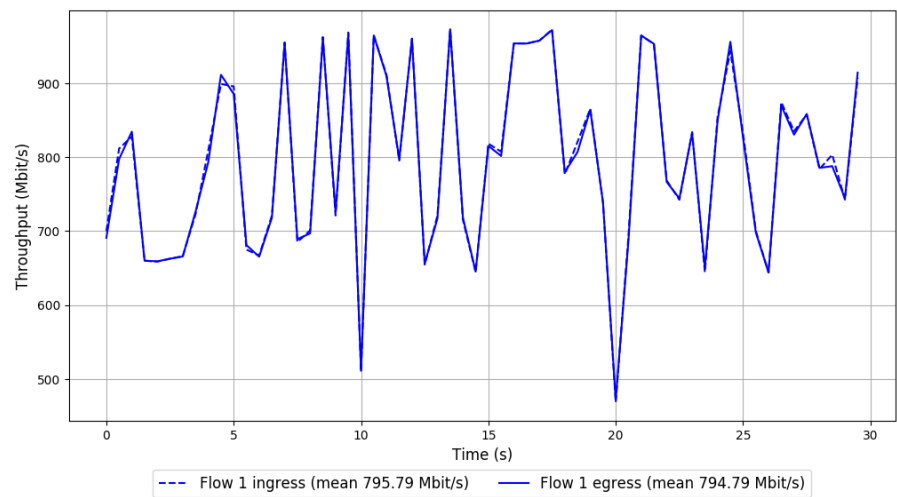


Run 3: Statistics of TCP BBR

Start at: 2017-09-18 01:18:54
End at: 2017-09-18 01:19:24
Local clock offset: -4.684 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2017-09-18 06:20:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 794.79 Mbit/s
95th percentile per-packet one-way delay: 13.545 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 794.79 Mbit/s
95th percentile per-packet one-way delay: 13.545 ms
Loss rate: 0.12%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2017-09-18 01:38:35

End at: 2017-09-18 01:39:05

Local clock offset: -4.48 ms

Remote clock offset: -0.06 ms

Below is generated by plot.py at 2017-09-18 06:20:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 807.28 Mbit/s

95th percentile per-packet one-way delay: 13.578 ms

Loss rate: 0.07%

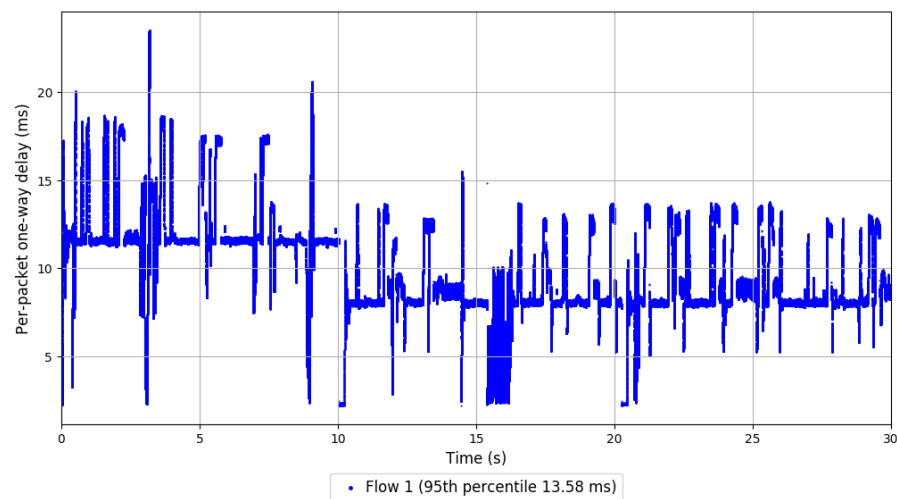
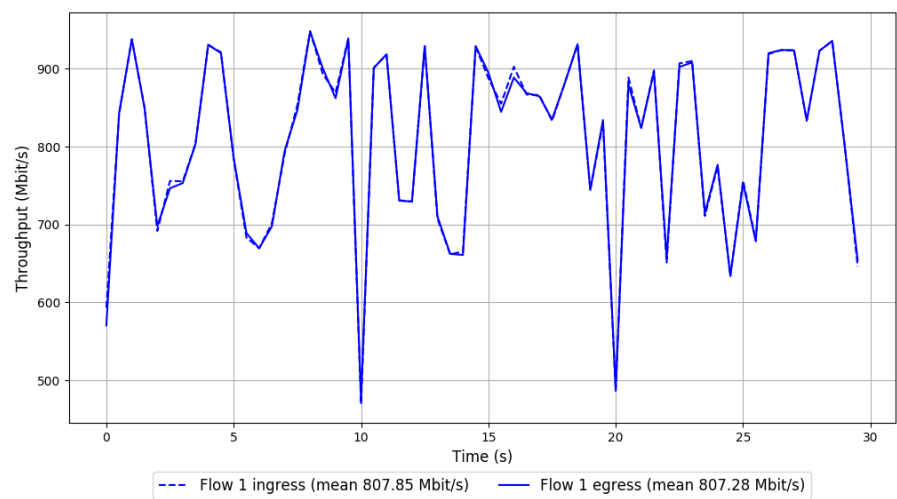
-- Flow 1:

Average throughput: 807.28 Mbit/s

95th percentile per-packet one-way delay: 13.578 ms

Loss rate: 0.07%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2017-09-18 01:58:24

End at: 2017-09-18 01:58:54

Local clock offset: -4.61 ms

Remote clock offset: -0.105 ms

Below is generated by plot.py at 2017-09-18 06:20:29

Datalink statistics

-- Total of 1 flow:

Average throughput: 668.84 Mbit/s

95th percentile per-packet one-way delay: 13.055 ms

Loss rate: 0.01%

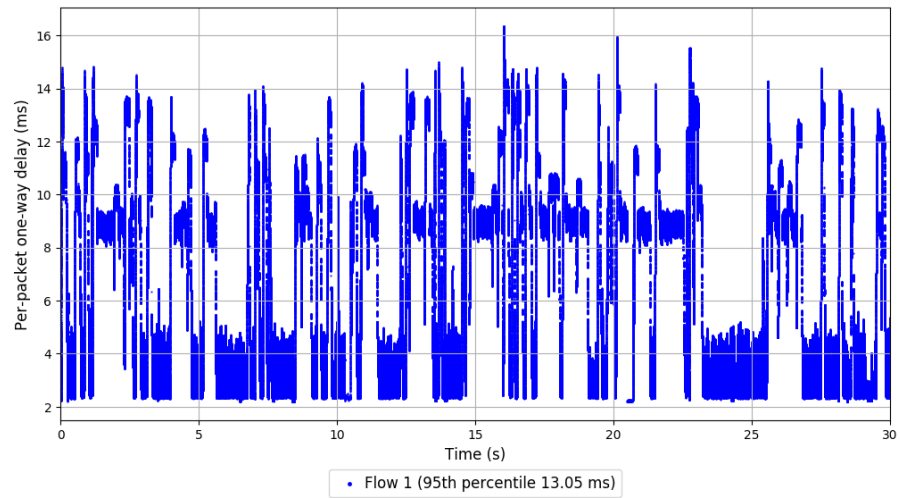
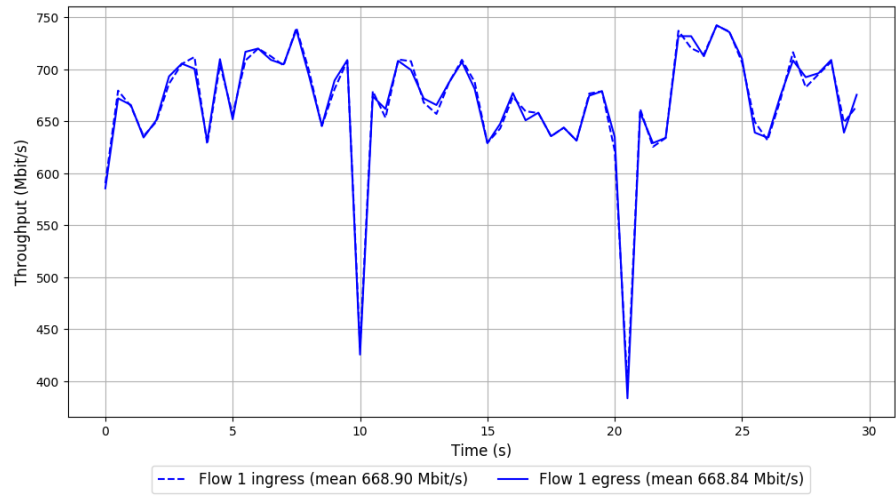
-- Flow 1:

Average throughput: 668.84 Mbit/s

95th percentile per-packet one-way delay: 13.055 ms

Loss rate: 0.01%

Run 5: Report of TCP BBR — Data Link

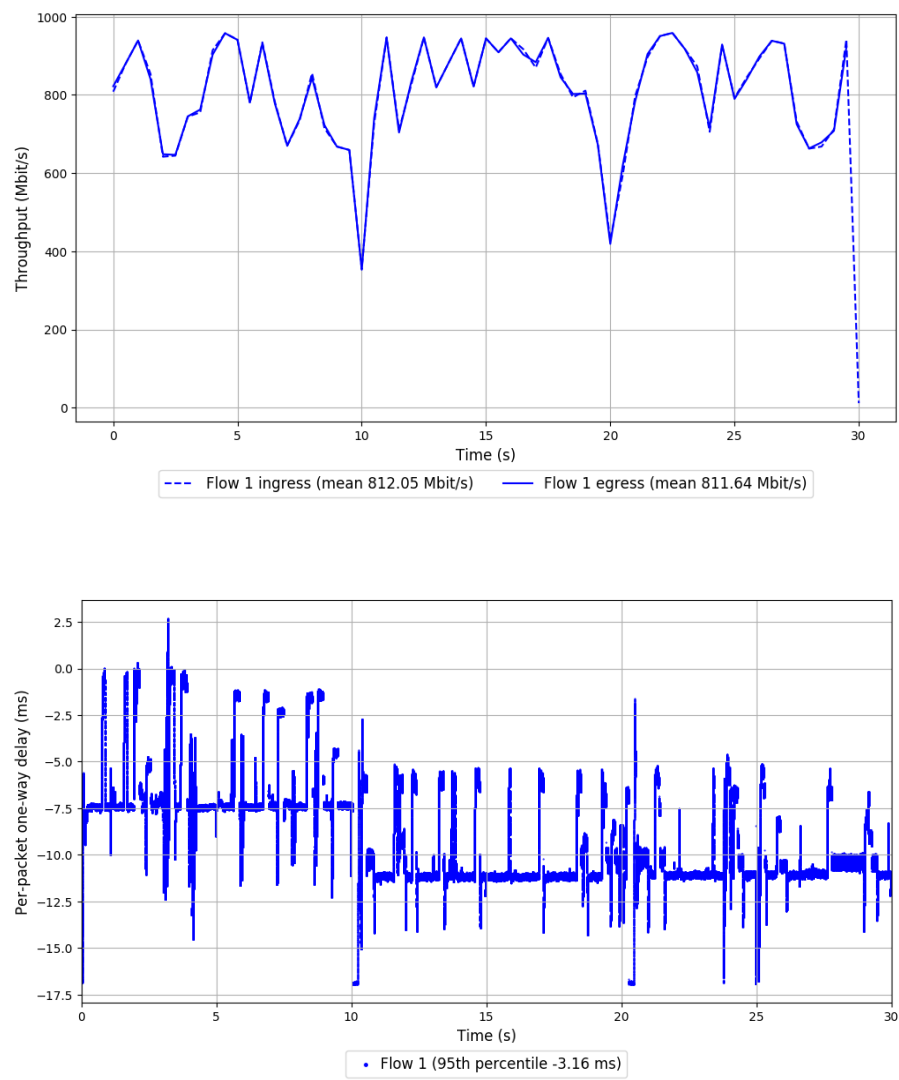


Run 6: Statistics of TCP BBR

Start at: 2017-09-18 02:18:00
End at: 2017-09-18 02:18:30
Local clock offset: -4.618 ms
Remote clock offset: -19.185 ms

Below is generated by plot.py at 2017-09-18 06:20:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 811.64 Mbit/s
95th percentile per-packet one-way delay: -3.162 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 811.64 Mbit/s
95th percentile per-packet one-way delay: -3.162 ms
Loss rate: 0.05%

Run 6: Report of TCP BBR — Data Link

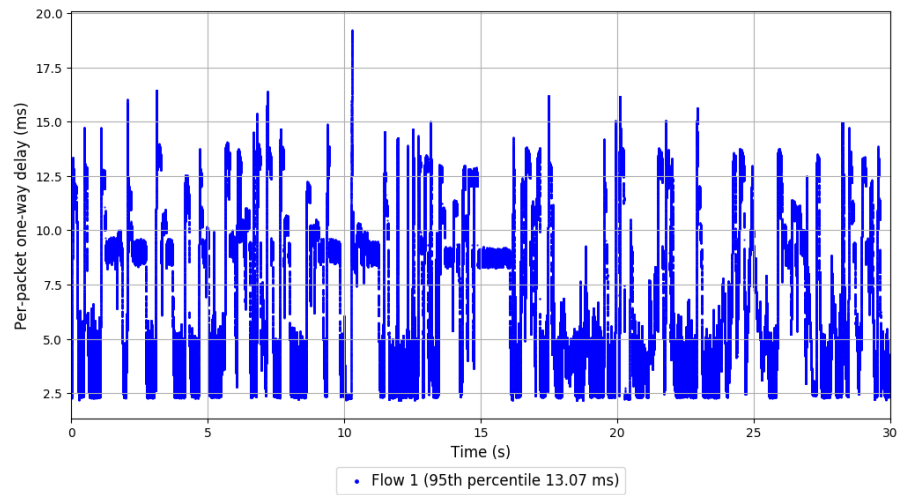
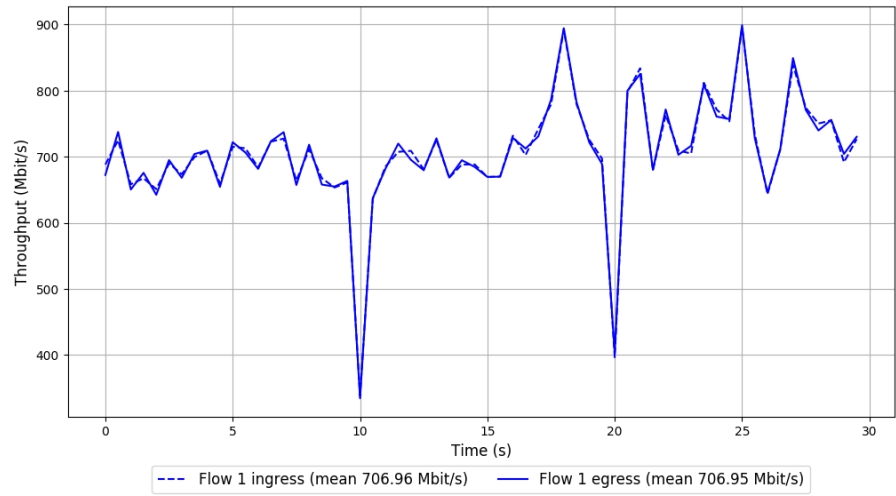


Run 7: Statistics of TCP BBR

Start at: 2017-09-18 02:37:53
End at: 2017-09-18 02:38:23
Local clock offset: -4.777 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2017-09-18 06:20:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 706.95 Mbit/s
95th percentile per-packet one-way delay: 13.066 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 706.95 Mbit/s
95th percentile per-packet one-way delay: 13.066 ms
Loss rate: 0.00%

Run 7: Report of TCP BBR — Data Link

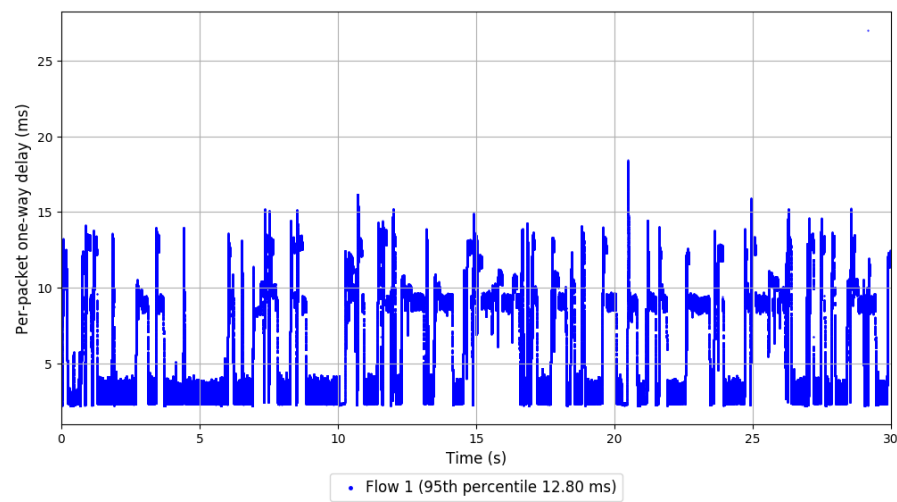
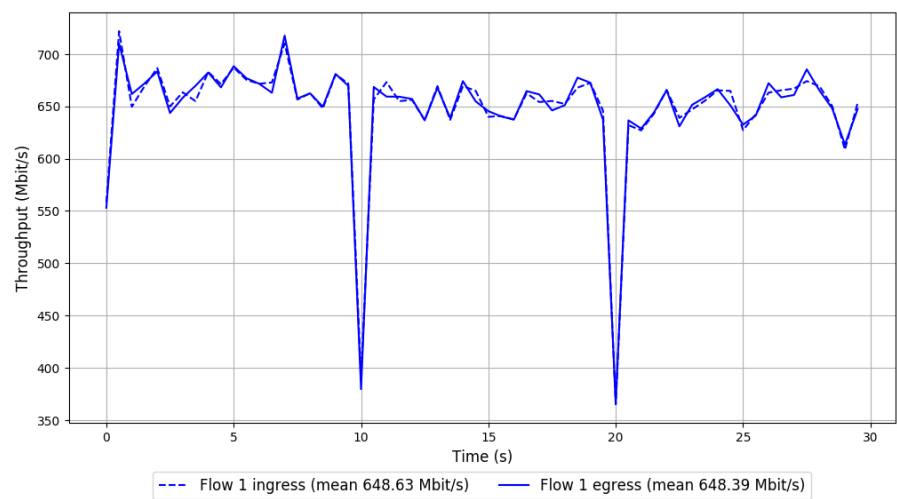


Run 8: Statistics of TCP BBR

Start at: 2017-09-18 02:57:35
End at: 2017-09-18 02:58:05
Local clock offset: -4.38 ms
Remote clock offset: -0.026 ms

Below is generated by plot.py at 2017-09-18 06:20:29
Datalink statistics
-- Total of 1 flow:
Average throughput: 648.39 Mbit/s
95th percentile per-packet one-way delay: 12.797 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 648.39 Mbit/s
95th percentile per-packet one-way delay: 12.797 ms
Loss rate: 0.04%

Run 8: Report of TCP BBR — Data Link

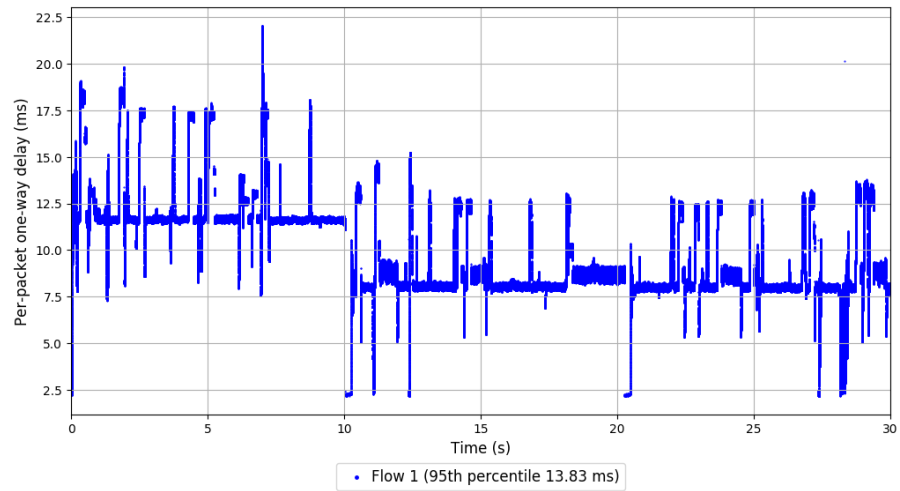
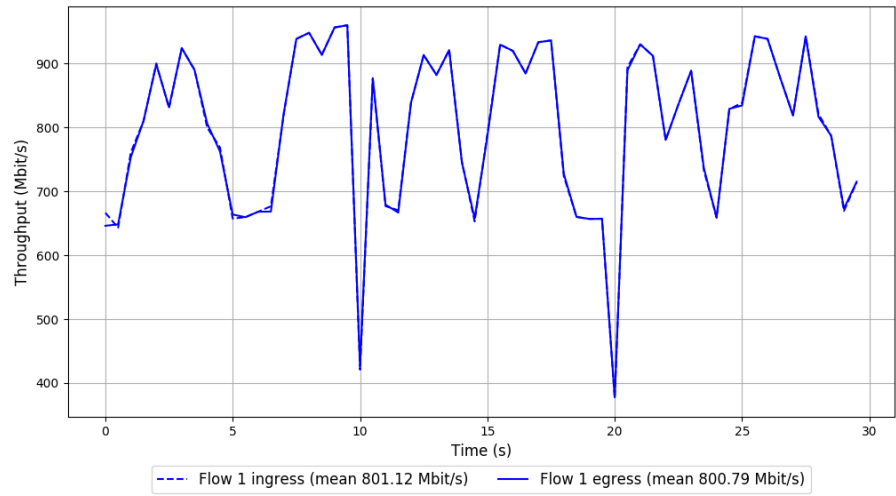


Run 9: Statistics of TCP BBR

Start at: 2017-09-18 03:17:24
End at: 2017-09-18 03:17:54
Local clock offset: -4.038 ms
Remote clock offset: -0.105 ms

Below is generated by plot.py at 2017-09-18 06:29:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 800.79 Mbit/s
95th percentile per-packet one-way delay: 13.826 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 800.79 Mbit/s
95th percentile per-packet one-way delay: 13.826 ms
Loss rate: 0.04%

Run 9: Report of TCP BBR — Data Link

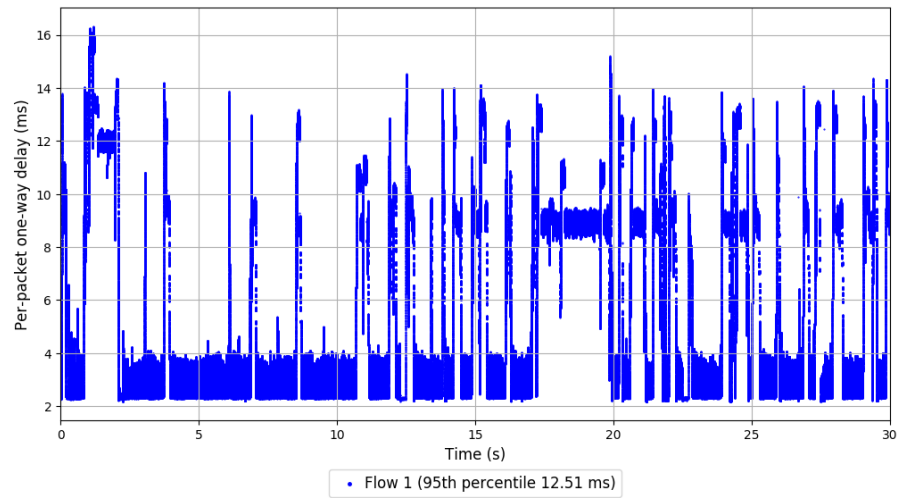
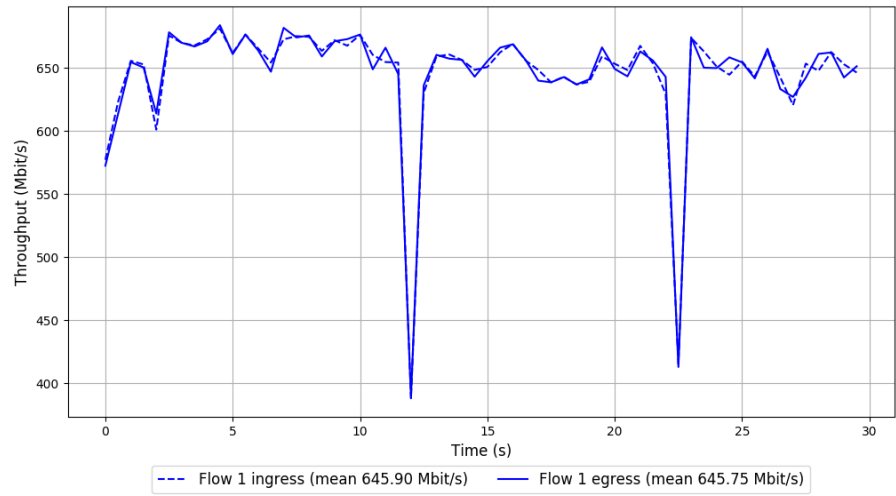


Run 10: Statistics of TCP BBR

Start at: 2017-09-18 03:36:30
End at: 2017-09-18 03:37:00
Local clock offset: -3.851 ms
Remote clock offset: -0.111 ms

Below is generated by plot.py at 2017-09-18 06:29:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 645.75 Mbit/s
95th percentile per-packet one-way delay: 12.508 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 645.75 Mbit/s
95th percentile per-packet one-way delay: 12.508 ms
Loss rate: 0.02%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of CalibratedKoho

Start at: 2017-09-18 00:38:01

End at: 2017-09-18 00:38:31

Local clock offset: -4.653 ms

Remote clock offset: 0.001 ms

Below is generated by plot.py at 2017-09-18 06:29:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 645.48 Mbit/s

95th percentile per-packet one-way delay: 8.201 ms

Loss rate: 0.02%

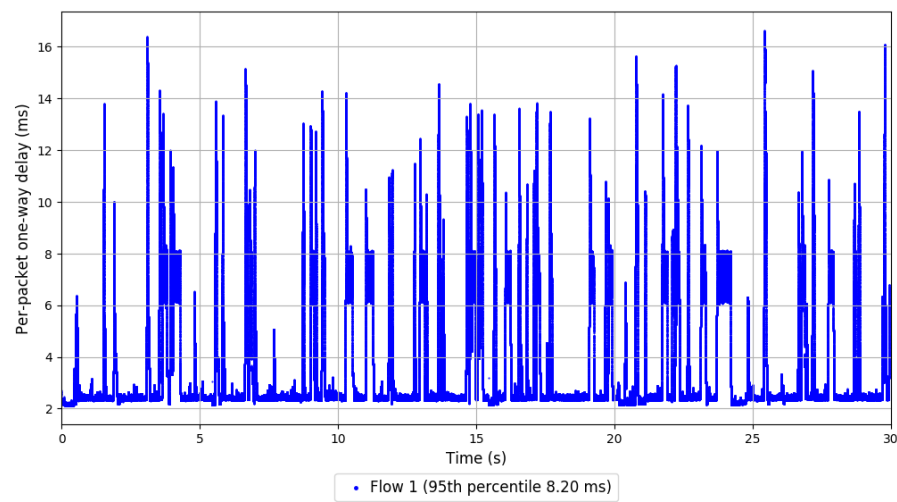
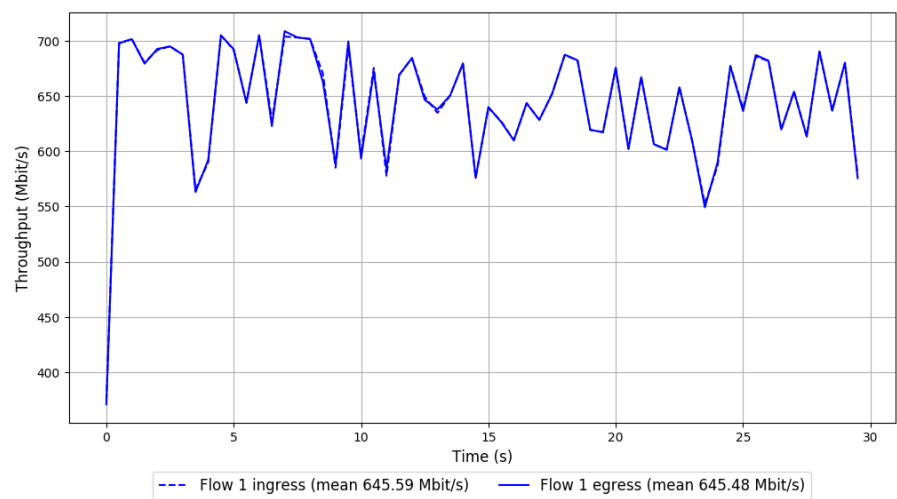
-- Flow 1:

Average throughput: 645.48 Mbit/s

95th percentile per-packet one-way delay: 8.201 ms

Loss rate: 0.02%

Run 1: Report of CalibratedKoho — Data Link



Run 2: Statistics of CalibratedKoho

Start at: 2017-09-18 00:57:37

End at: 2017-09-18 00:58:07

Local clock offset: -4.373 ms

Remote clock offset: -0.08 ms

Below is generated by plot.py at 2017-09-18 06:29:23

Datalink statistics

-- Total of 1 flow:

Average throughput: 635.79 Mbit/s

95th percentile per-packet one-way delay: 8.546 ms

Loss rate: 0.00%

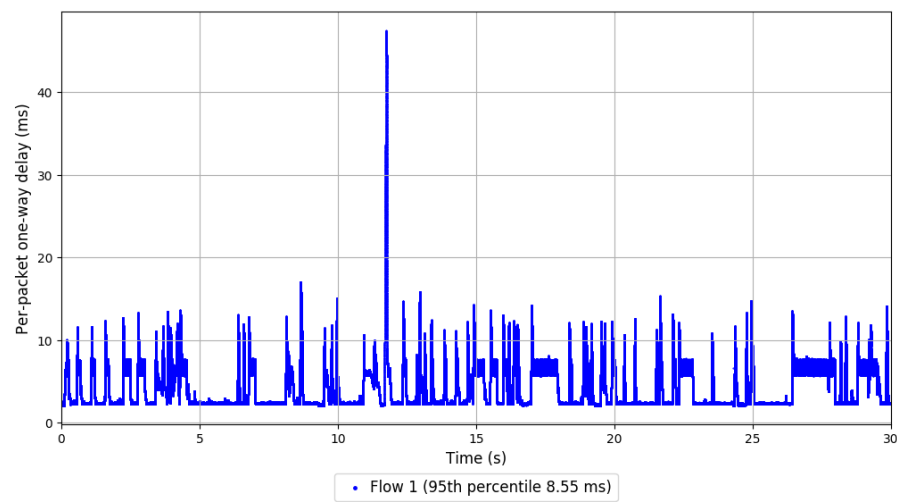
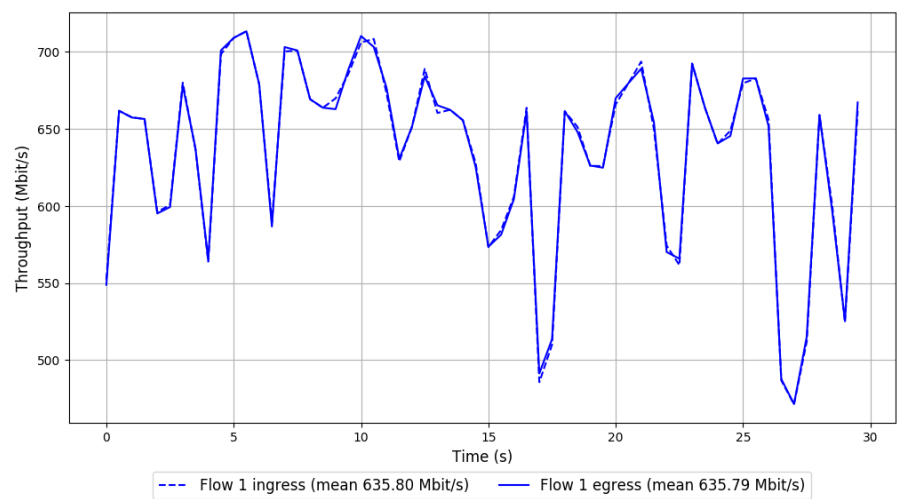
-- Flow 1:

Average throughput: 635.79 Mbit/s

95th percentile per-packet one-way delay: 8.546 ms

Loss rate: 0.00%

Run 2: Report of CalibratedKoho — Data Link

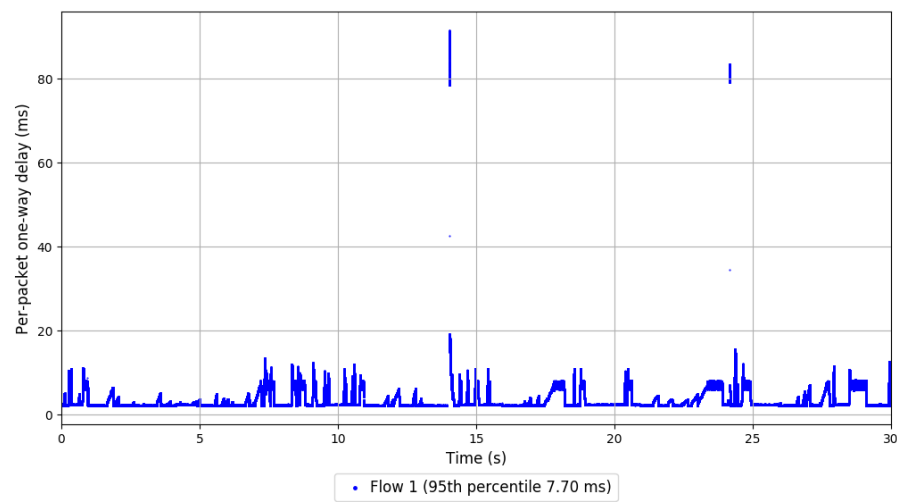
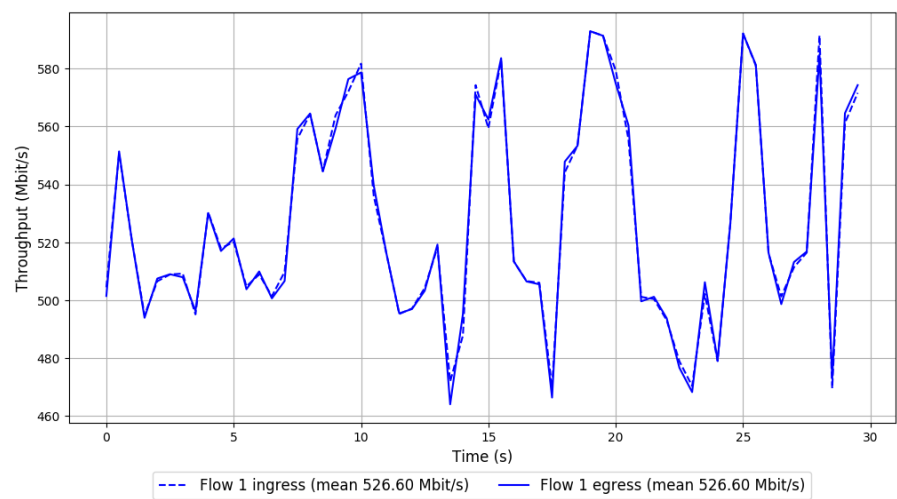


Run 3: Statistics of CalibratedKoho

Start at: 2017-09-18 01:17:22
End at: 2017-09-18 01:17:53
Local clock offset: -4.687 ms
Remote clock offset: -0.039 ms

Below is generated by plot.py at 2017-09-18 06:29:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 526.60 Mbit/s
95th percentile per-packet one-way delay: 7.698 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 526.60 Mbit/s
95th percentile per-packet one-way delay: 7.698 ms
Loss rate: 0.00%

Run 3: Report of CalibratedKoho — Data Link

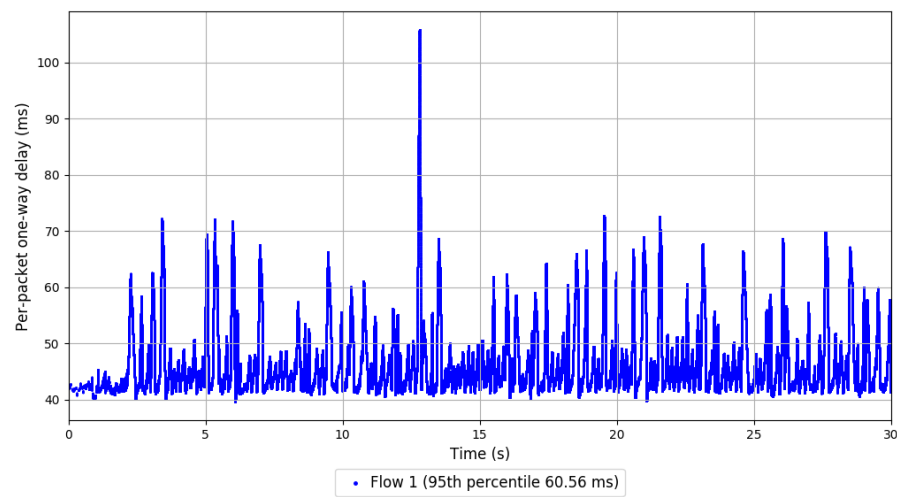
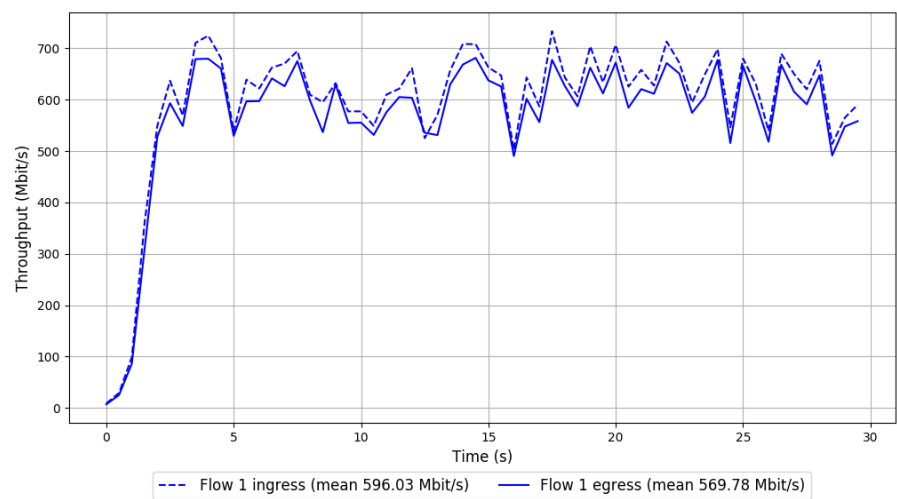


Run 4: Statistics of CalibratedKoho

Start at: 2017-09-18 01:37:01
End at: 2017-09-18 01:37:31
Local clock offset: -4.455 ms
Remote clock offset: -0.103 ms

Below is generated by plot.py at 2017-09-18 06:29:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 569.78 Mbit/s
95th percentile per-packet one-way delay: 60.562 ms
Loss rate: 4.53%
-- Flow 1:
Average throughput: 569.78 Mbit/s
95th percentile per-packet one-way delay: 60.562 ms
Loss rate: 4.53%

Run 4: Report of CalibratedKoho — Data Link

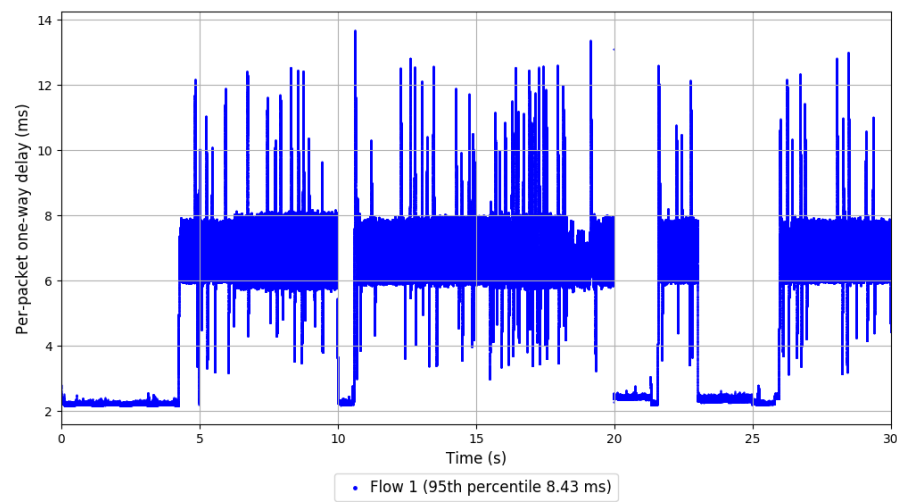
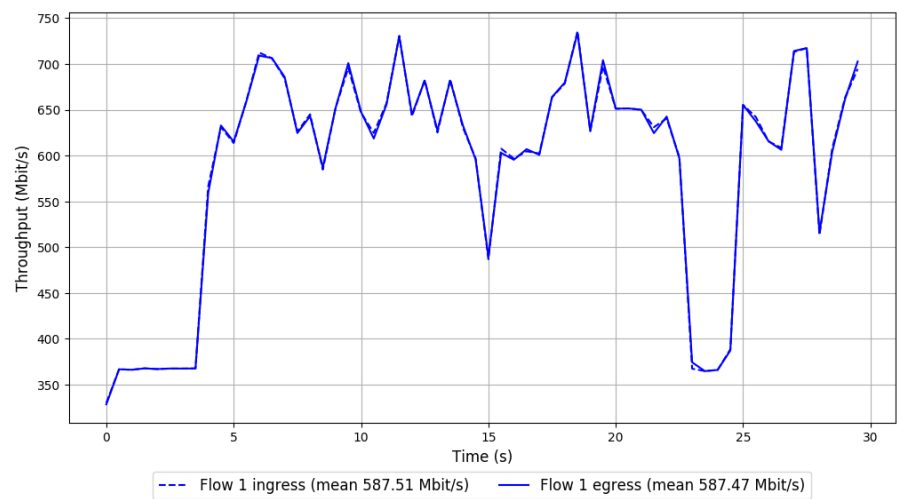


Run 5: Statistics of CalibratedKoho

Start at: 2017-09-18 01:56:49
End at: 2017-09-18 01:57:19
Local clock offset: -4.535 ms
Remote clock offset: -0.066 ms

Below is generated by plot.py at 2017-09-18 06:29:23
Datalink statistics
-- Total of 1 flow:
Average throughput: 587.47 Mbit/s
95th percentile per-packet one-way delay: 8.428 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 587.47 Mbit/s
95th percentile per-packet one-way delay: 8.428 ms
Loss rate: 0.01%

Run 5: Report of CalibratedKoho — Data Link

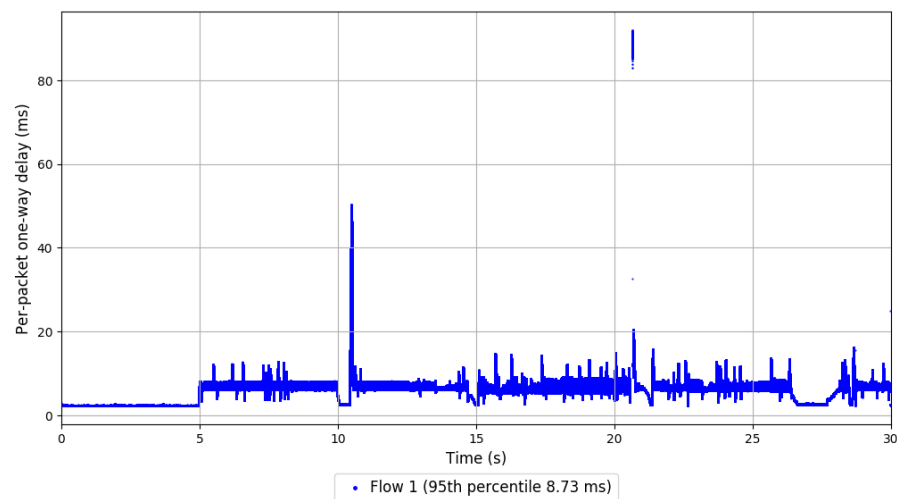
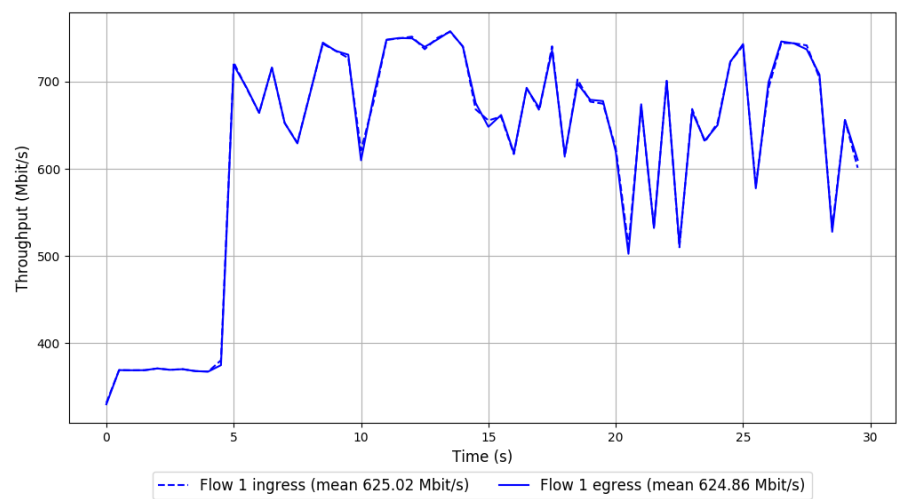


Run 6: Statistics of CalibratedKoho

Start at: 2017-09-18 02:16:23
End at: 2017-09-18 02:16:53
Local clock offset: -4.678 ms
Remote clock offset: -0.064 ms

Below is generated by plot.py at 2017-09-18 06:29:32
Datalink statistics
-- Total of 1 flow:
Average throughput: 624.86 Mbit/s
95th percentile per-packet one-way delay: 8.729 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 624.86 Mbit/s
95th percentile per-packet one-way delay: 8.729 ms
Loss rate: 0.03%

Run 6: Report of CalibratedKoho — Data Link



Run 7: Statistics of CalibratedKoho

Start at: 2017-09-18 02:36:19

End at: 2017-09-18 02:36:49

Local clock offset: -4.784 ms

Remote clock offset: -0.05 ms

Below is generated by plot.py at 2017-09-18 06:35:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 576.35 Mbit/s

95th percentile per-packet one-way delay: 8.607 ms

Loss rate: 0.01%

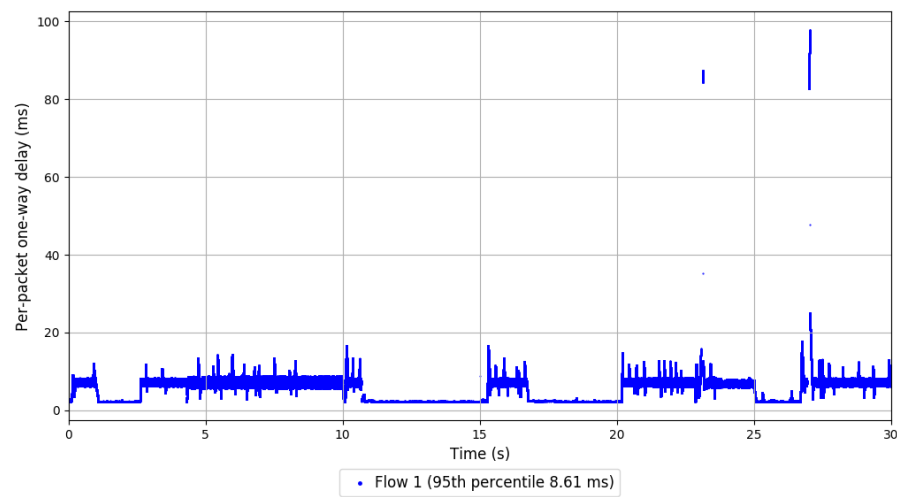
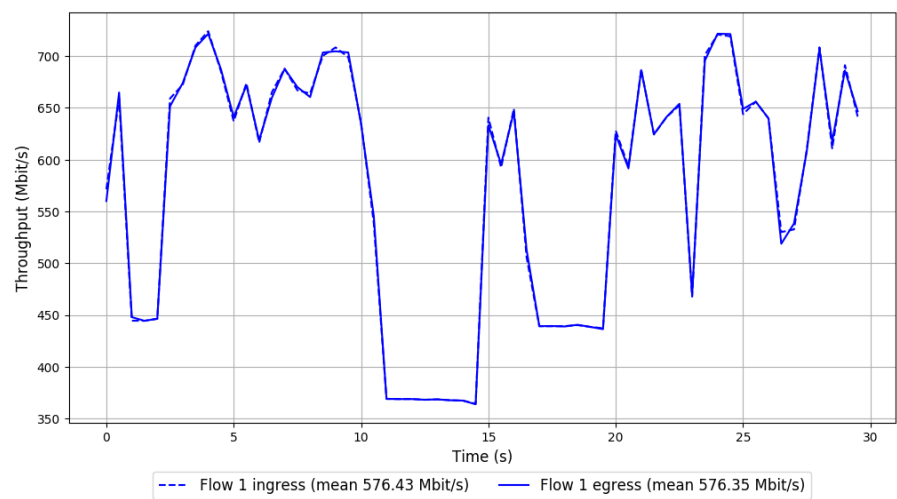
-- Flow 1:

Average throughput: 576.35 Mbit/s

95th percentile per-packet one-way delay: 8.607 ms

Loss rate: 0.01%

Run 7: Report of CalibratedKoho — Data Link

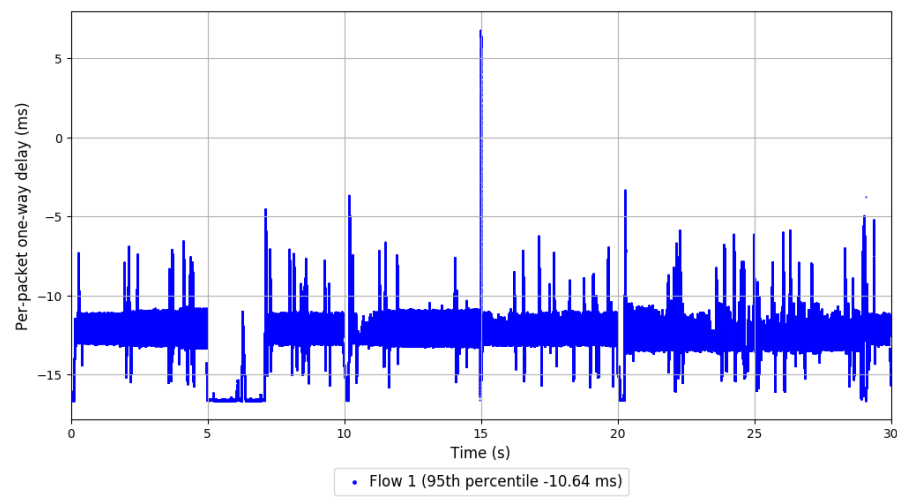
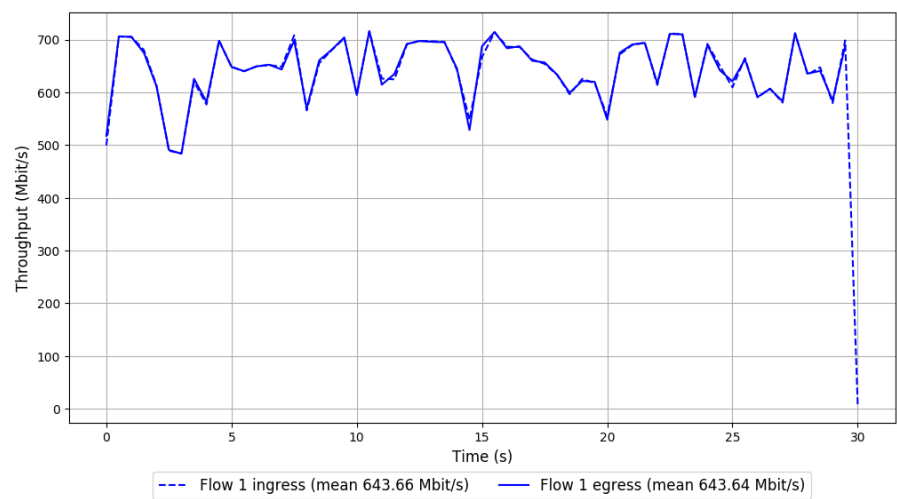


Run 8: Statistics of CalibratedKoho

Start at: 2017-09-18 02:55:56
End at: 2017-09-18 02:56:26
Local clock offset: -4.387 ms
Remote clock offset: -18.889 ms

Below is generated by plot.py at 2017-09-18 06:37:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 643.64 Mbit/s
95th percentile per-packet one-way delay: -10.638 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 643.64 Mbit/s
95th percentile per-packet one-way delay: -10.638 ms
Loss rate: 0.00%

Run 8: Report of CalibratedKoho — Data Link

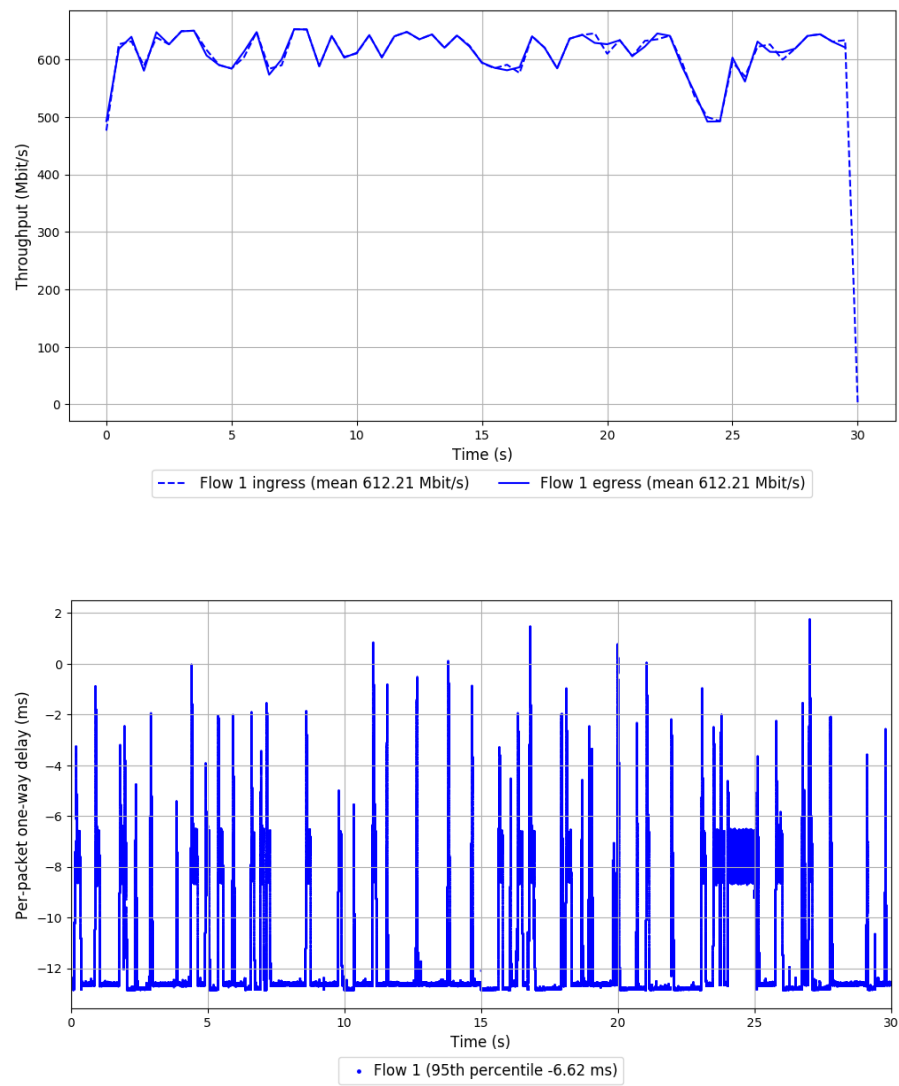


Run 9: Statistics of CalibratedKoho

Start at: 2017-09-18 03:15:48
End at: 2017-09-18 03:16:18
Local clock offset: -4.066 ms
Remote clock offset: -15.102 ms

Below is generated by plot.py at 2017-09-18 06:37:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 612.21 Mbit/s
95th percentile per-packet one-way delay: -6.615 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 612.21 Mbit/s
95th percentile per-packet one-way delay: -6.615 ms
Loss rate: 0.00%

Run 9: Report of CalibratedKoho — Data Link

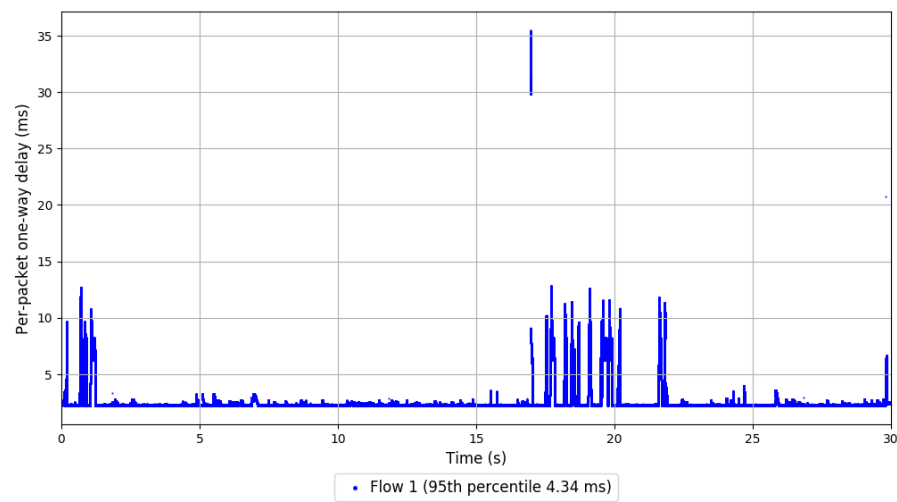
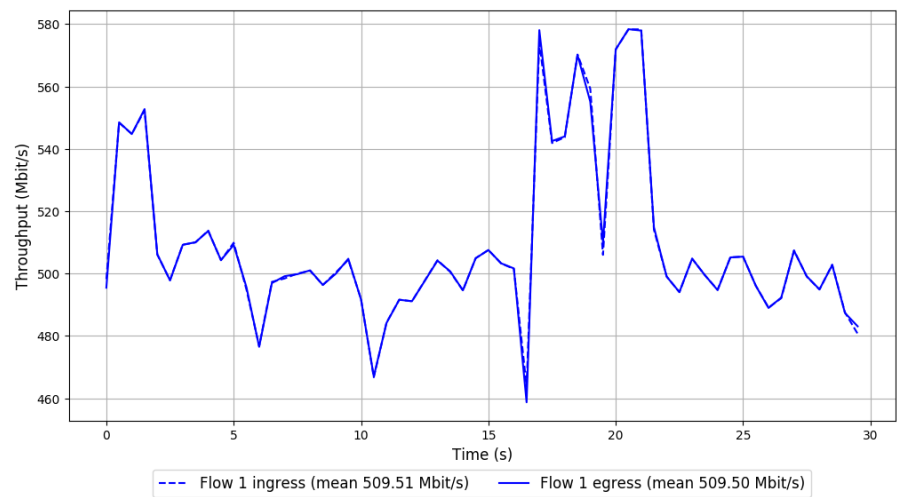


Run 10: Statistics of CalibratedKoho

Start at: 2017-09-18 03:35:00
End at: 2017-09-18 03:35:30
Local clock offset: -3.814 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2017-09-18 06:37:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 509.50 Mbit/s
95th percentile per-packet one-way delay: 4.345 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 509.50 Mbit/s
95th percentile per-packet one-way delay: 4.345 ms
Loss rate: 0.00%

Run 10: Report of CalibratedKoho — Data Link



Run 1: Statistics of Copa

Start at: 2017-09-18 00:52:19

End at: 2017-09-18 00:52:49

Local clock offset: -4.425 ms

Remote clock offset: 0.005 ms

Below is generated by plot.py at 2017-09-18 06:37:08

Datalink statistics

-- Total of 1 flow:

Average throughput: 109.70 Mbit/s

95th percentile per-packet one-way delay: 2.349 ms

Loss rate: 0.00%

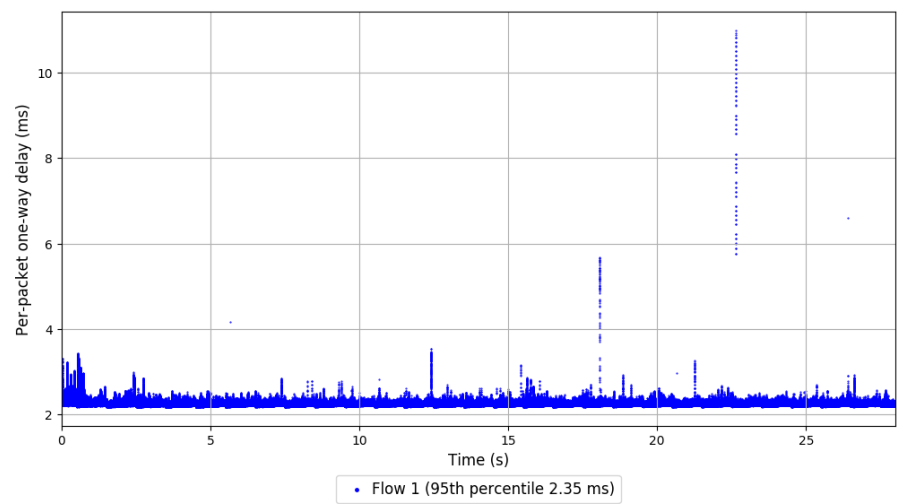
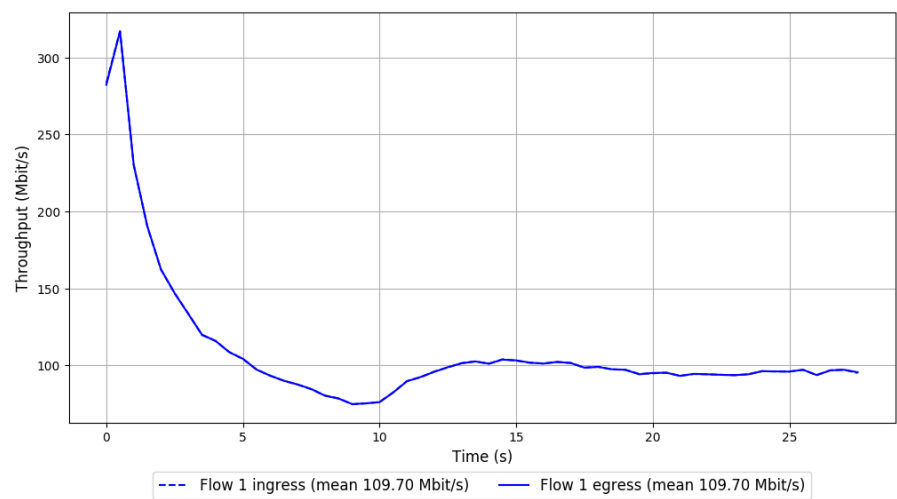
-- Flow 1:

Average throughput: 109.70 Mbit/s

95th percentile per-packet one-way delay: 2.349 ms

Loss rate: 0.00%

Run 1: Report of Copa — Data Link

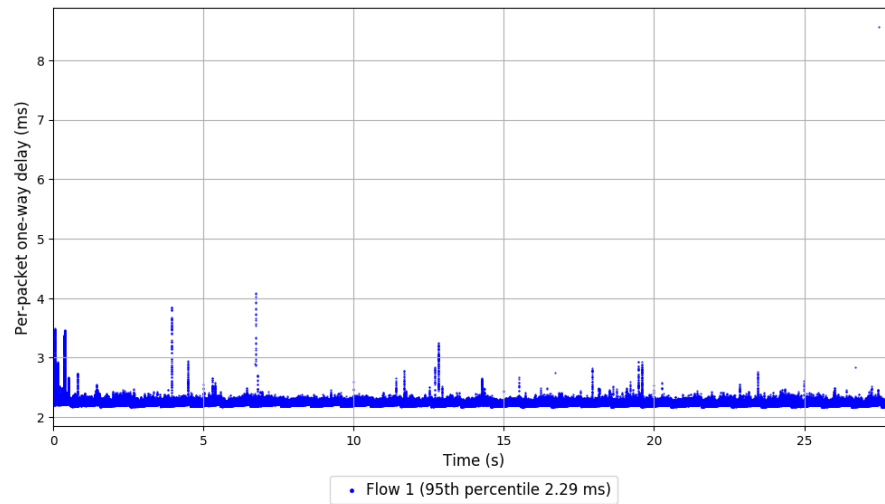
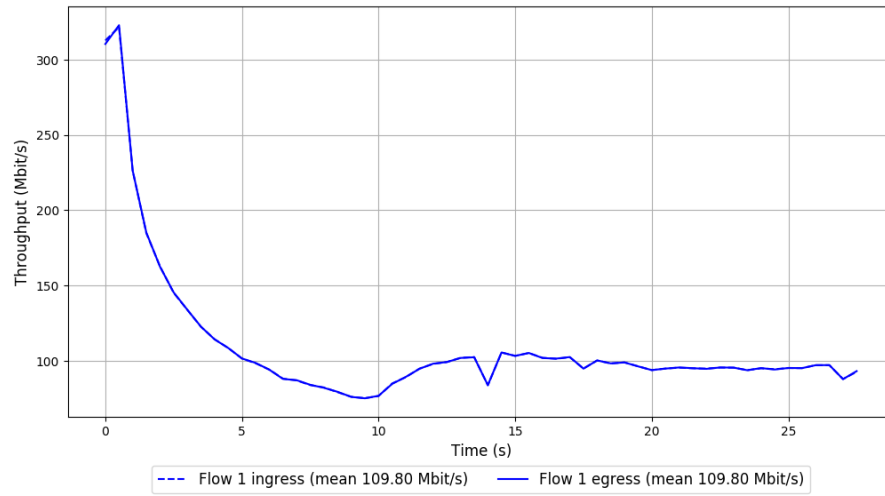


Run 2: Statistics of Copa

Start at: 2017-09-18 01:12:05
End at: 2017-09-18 01:12:35
Local clock offset: -4.635 ms
Remote clock offset: -0.081 ms

Below is generated by plot.py at 2017-09-18 06:37:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 109.80 Mbit/s
95th percentile per-packet one-way delay: 2.289 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 109.80 Mbit/s
95th percentile per-packet one-way delay: 2.289 ms
Loss rate: 0.00%

Run 2: Report of Copa — Data Link

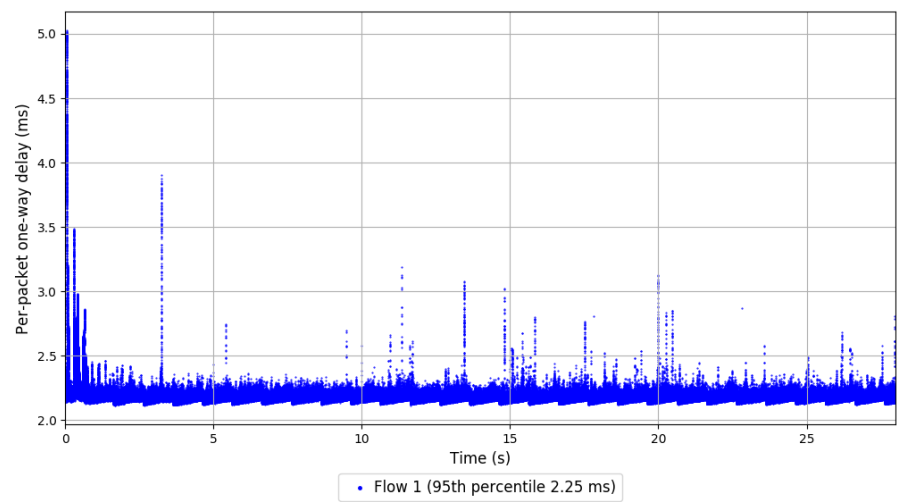
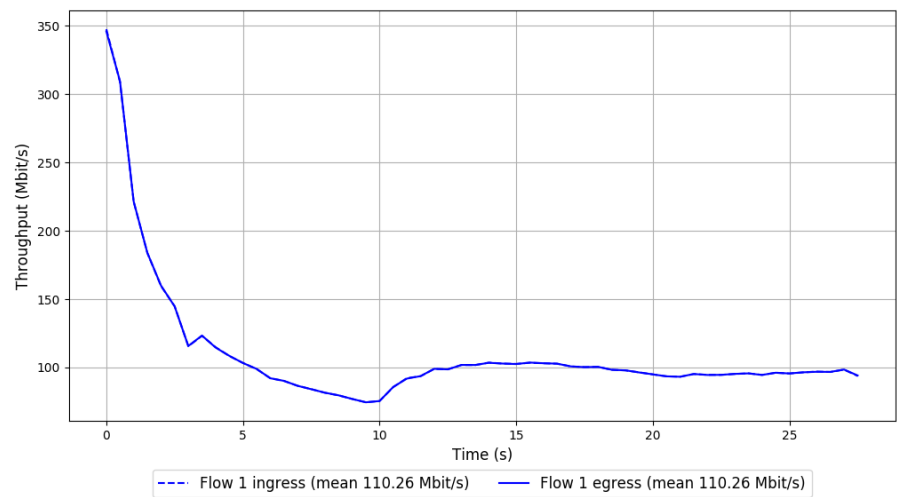


Run 3: Statistics of Copa

Start at: 2017-09-18 01:31:43
End at: 2017-09-18 01:32:13
Local clock offset: -4.475 ms
Remote clock offset: -0.095 ms

Below is generated by plot.py at 2017-09-18 06:37:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 110.26 Mbit/s
95th percentile per-packet one-way delay: 2.246 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 110.26 Mbit/s
95th percentile per-packet one-way delay: 2.246 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

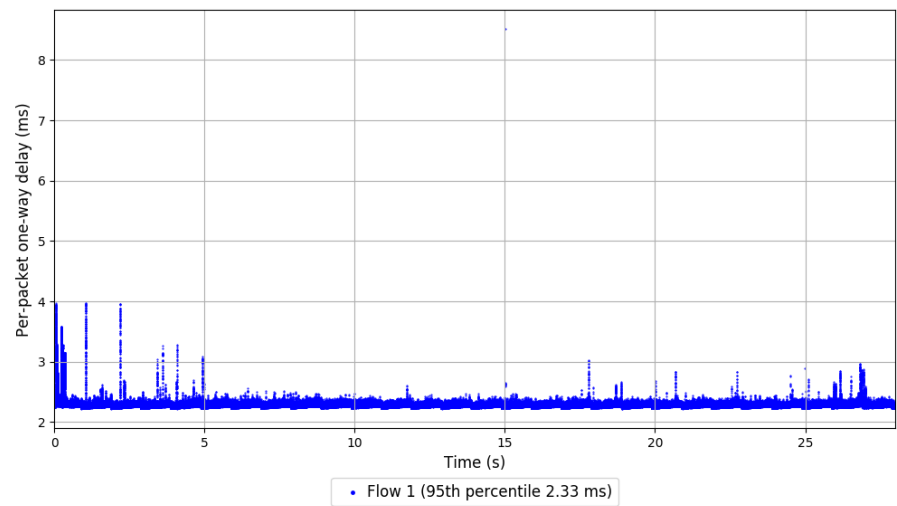
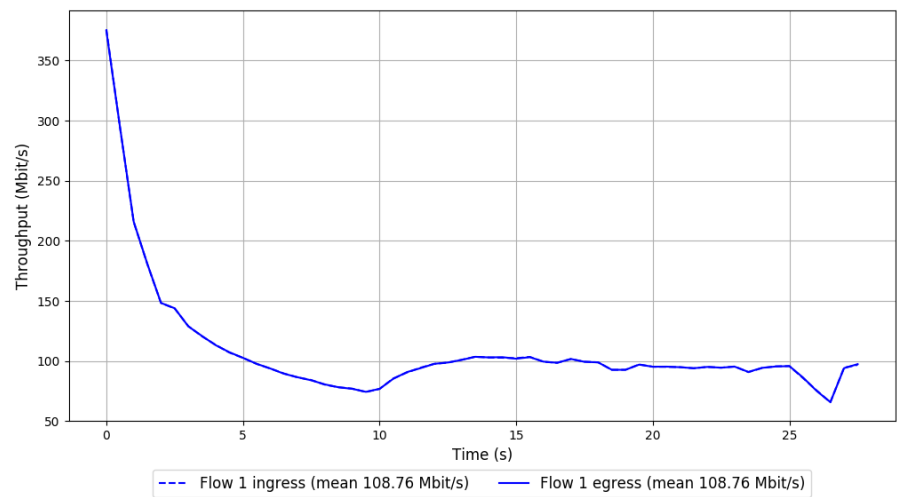


Run 4: Statistics of Copa

Start at: 2017-09-18 01:51:34
End at: 2017-09-18 01:52:04
Local clock offset: -4.588 ms
Remote clock offset: -0.071 ms

Below is generated by plot.py at 2017-09-18 06:37:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 108.76 Mbit/s
95th percentile per-packet one-way delay: 2.332 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 108.76 Mbit/s
95th percentile per-packet one-way delay: 2.332 ms
Loss rate: 0.00%

Run 4: Report of Copa — Data Link

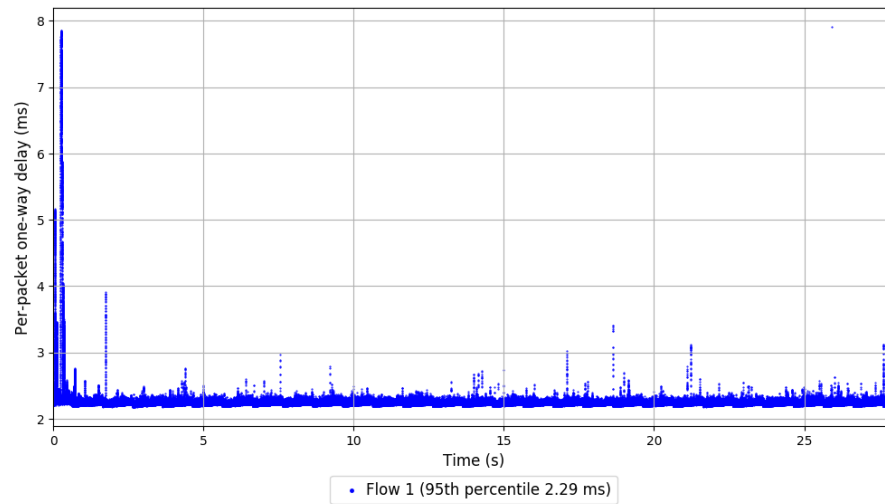
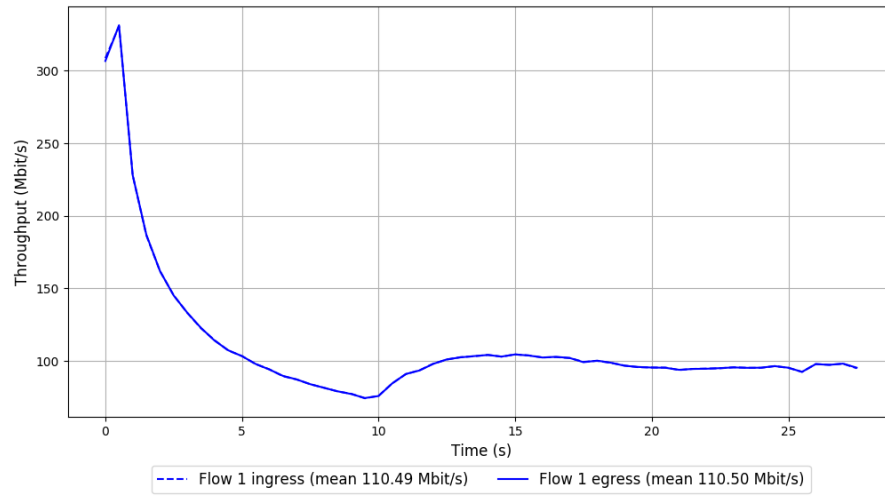


Run 5: Statistics of Copa

Start at: 2017-09-18 02:11:04
End at: 2017-09-18 02:11:34
Local clock offset: -4.609 ms
Remote clock offset: -0.074 ms

Below is generated by plot.py at 2017-09-18 06:37:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 110.50 Mbit/s
95th percentile per-packet one-way delay: 2.293 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 110.50 Mbit/s
95th percentile per-packet one-way delay: 2.293 ms
Loss rate: 0.00%

Run 5: Report of Copa — Data Link

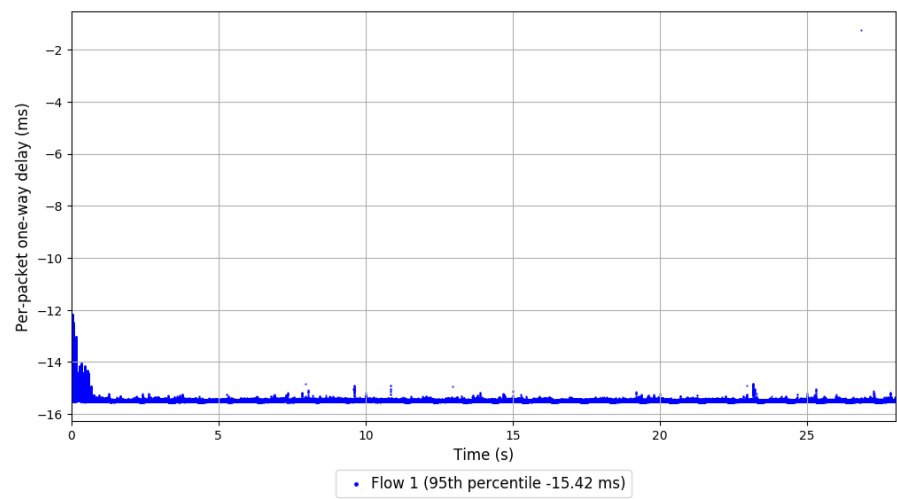
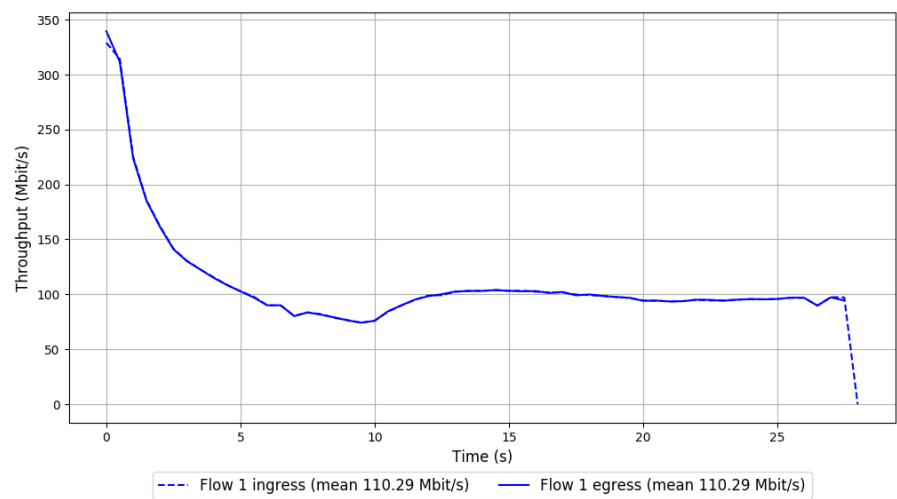


Run 6: Statistics of Copa

Start at: 2017-09-18 02:31:01
End at: 2017-09-18 02:31:31
Local clock offset: -4.802 ms
Remote clock offset: -17.811 ms

Below is generated by plot.py at 2017-09-18 06:37:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 110.29 Mbit/s
95th percentile per-packet one-way delay: -15.422 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 110.29 Mbit/s
95th percentile per-packet one-way delay: -15.422 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

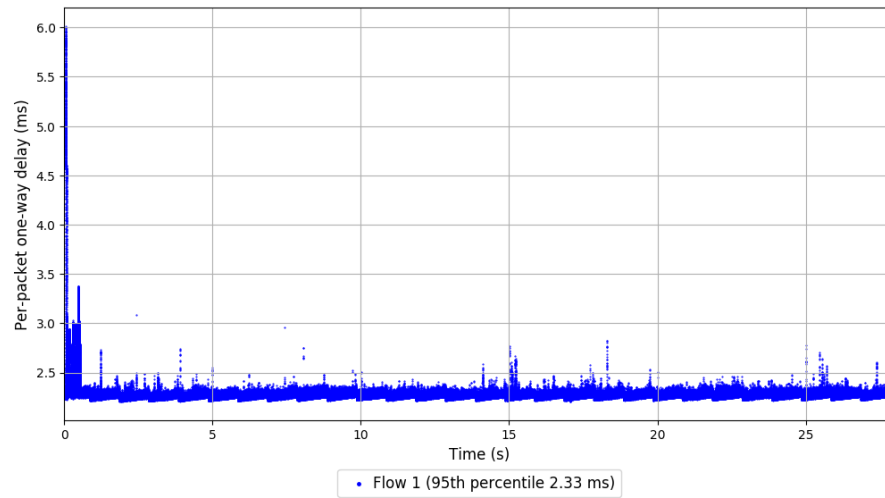
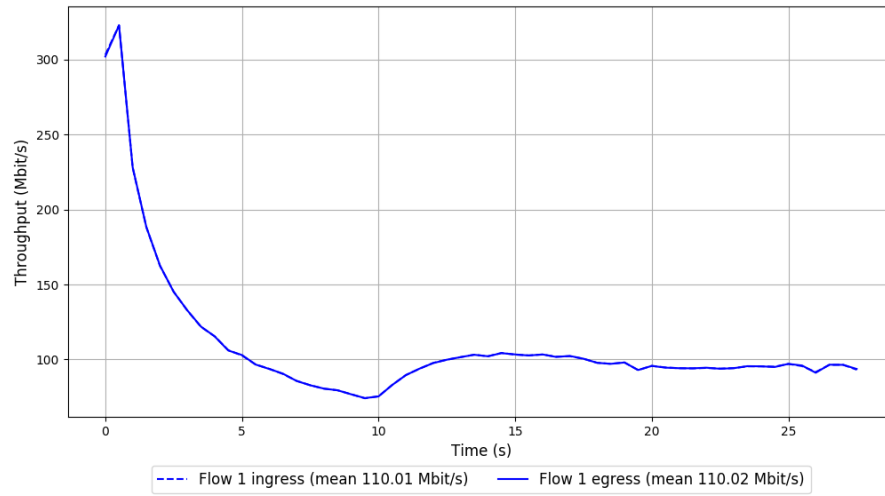


Run 7: Statistics of Copa

Start at: 2017-09-18 02:50:41
End at: 2017-09-18 02:51:11
Local clock offset: -4.551 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2017-09-18 06:37:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 110.02 Mbit/s
95th percentile per-packet one-way delay: 2.328 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 110.02 Mbit/s
95th percentile per-packet one-way delay: 2.328 ms
Loss rate: 0.00%

Run 7: Report of Copa — Data Link

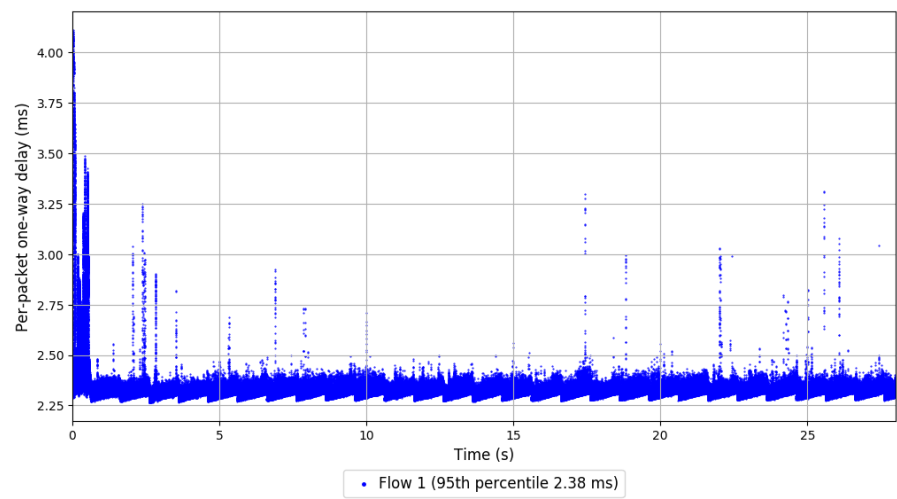
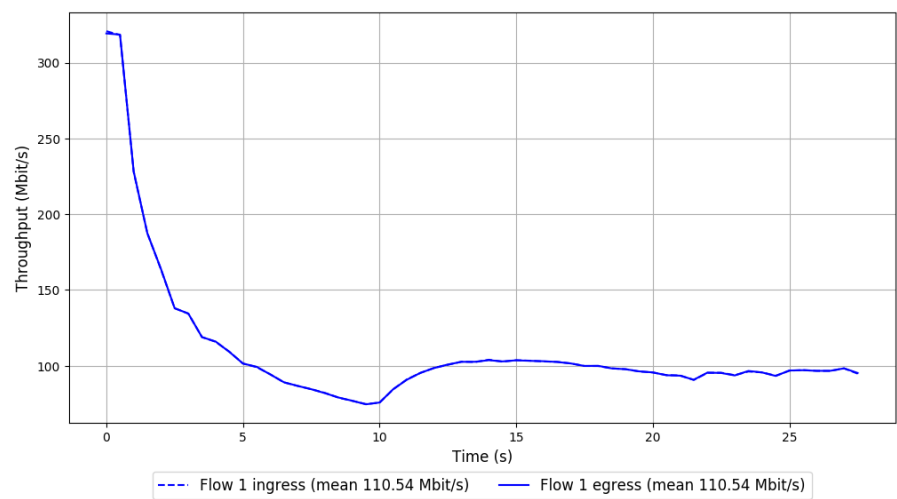


Run 8: Statistics of Copa

Start at: 2017-09-18 03:10:18
End at: 2017-09-18 03:10:48
Local clock offset: -4.245 ms
Remote clock offset: -0.061 ms

Below is generated by plot.py at 2017-09-18 06:37:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 110.54 Mbit/s
95th percentile per-packet one-way delay: 2.378 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 110.54 Mbit/s
95th percentile per-packet one-way delay: 2.378 ms
Loss rate: 0.00%

Run 8: Report of Copa — Data Link

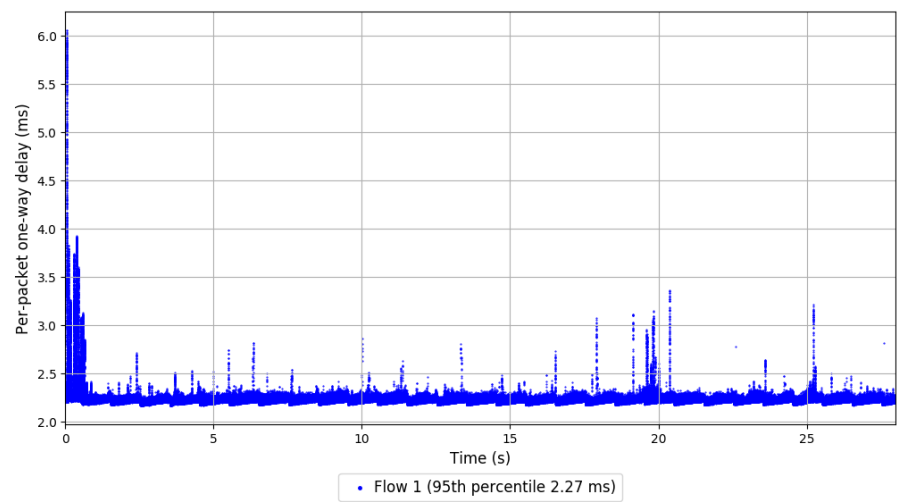
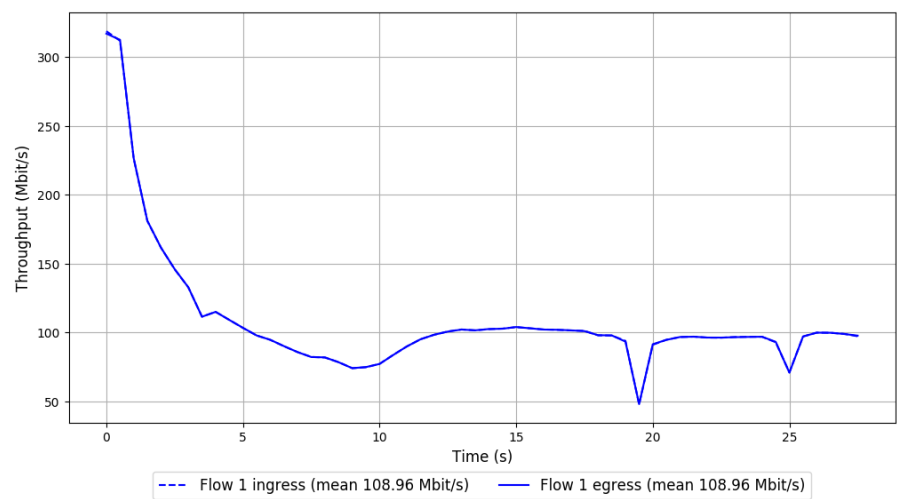


Run 9: Statistics of Copa

Start at: 2017-09-18 03:30:16
End at: 2017-09-18 03:30:46
Local clock offset: -3.861 ms
Remote clock offset: -0.035 ms

Below is generated by plot.py at 2017-09-18 06:37:08
Datalink statistics
-- Total of 1 flow:
Average throughput: 108.96 Mbit/s
95th percentile per-packet one-way delay: 2.275 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 108.96 Mbit/s
95th percentile per-packet one-way delay: 2.275 ms
Loss rate: 0.00%

Run 9: Report of Copa — Data Link

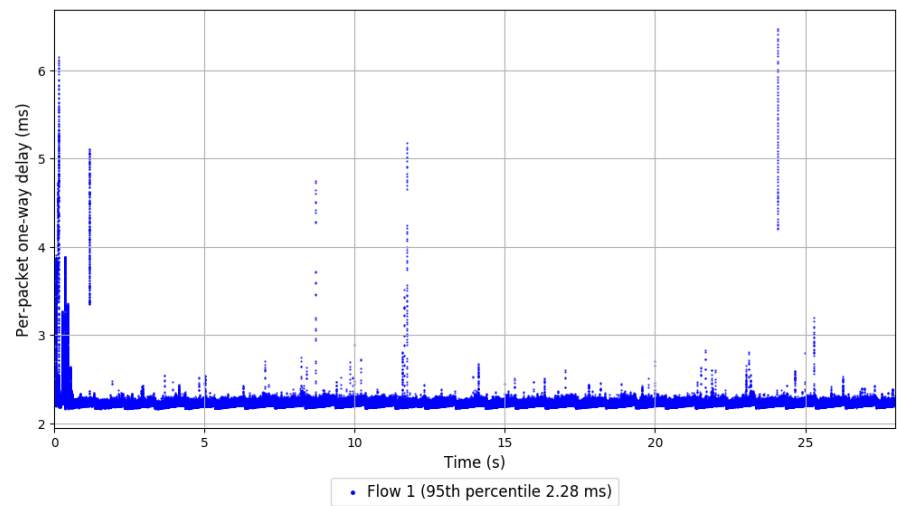
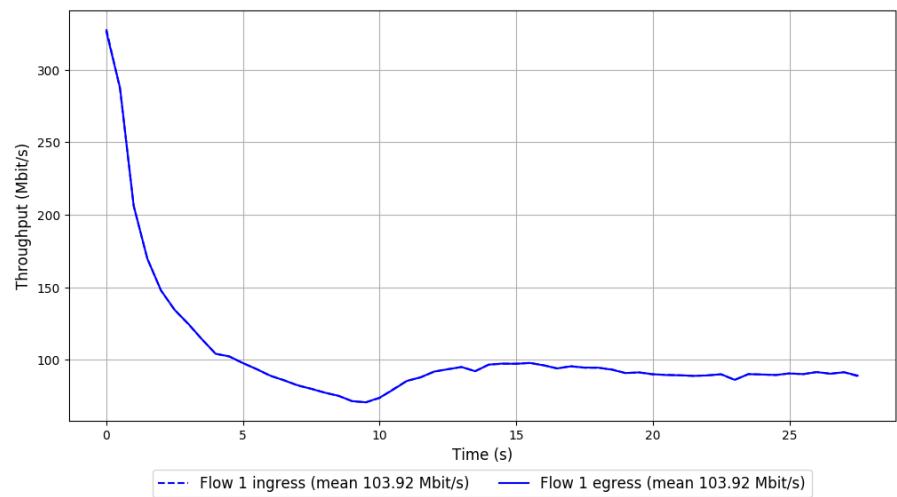


Run 10: Statistics of Copa

Start at: 2017-09-18 03:49:32
End at: 2017-09-18 03:50:02
Local clock offset: -3.733 ms
Remote clock offset: -0.085 ms

Below is generated by plot.py at 2017-09-18 06:37:15
Datalink statistics
-- Total of 1 flow:
Average throughput: 103.92 Mbit/s
95th percentile per-packet one-way delay: 2.278 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 103.92 Mbit/s
95th percentile per-packet one-way delay: 2.278 ms
Loss rate: 0.00%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2017-09-18 00:36:27

End at: 2017-09-18 00:36:57

Local clock offset: -4.687 ms

Remote clock offset: 0.084 ms

Below is generated by plot.py at 2017-09-18 06:45:36

Datalink statistics

-- Total of 1 flow:

Average throughput: 752.57 Mbit/s

95th percentile per-packet one-way delay: 10.865 ms

Loss rate: 0.00%

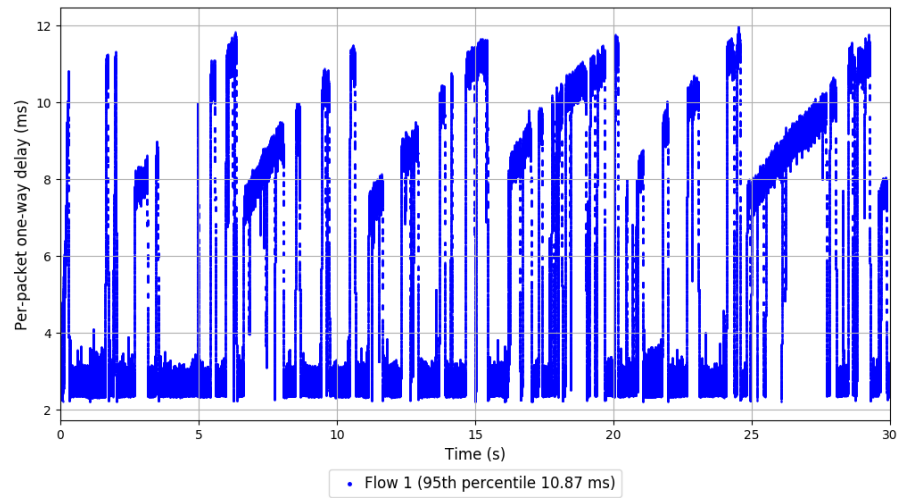
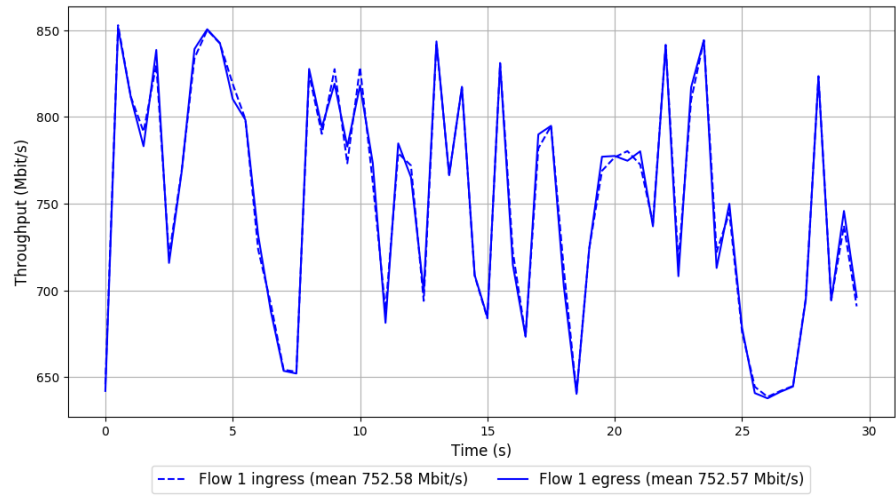
-- Flow 1:

Average throughput: 752.57 Mbit/s

95th percentile per-packet one-way delay: 10.865 ms

Loss rate: 0.00%

Run 1: Report of TCP Cubic — Data Link

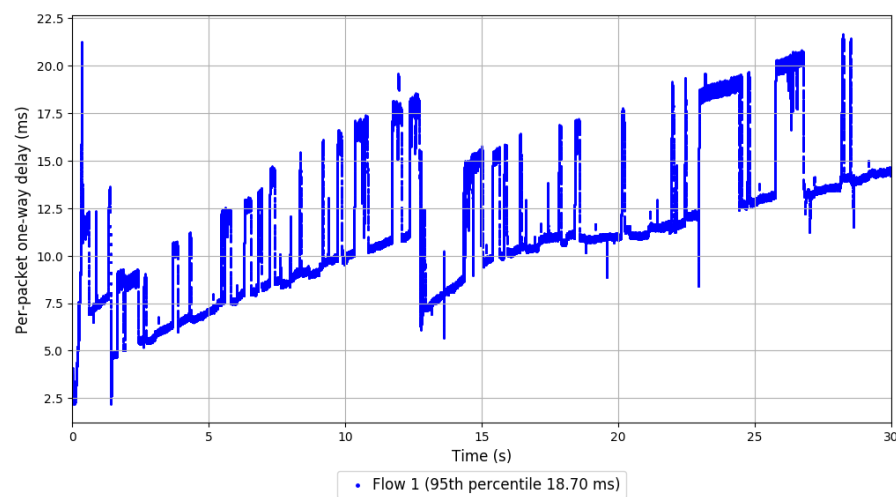
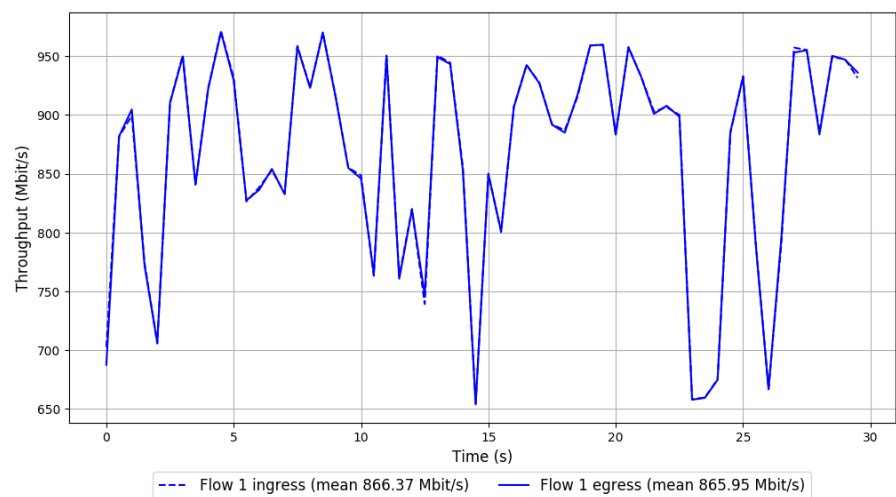


Run 2: Statistics of TCP Cubic

Start at: 2017-09-18 00:55:58
End at: 2017-09-18 00:56:28
Local clock offset: -4.379 ms
Remote clock offset: -0.021 ms

Below is generated by plot.py at 2017-09-18 06:47:40
Datalink statistics
-- Total of 1 flow:
Average throughput: 865.95 Mbit/s
95th percentile per-packet one-way delay: 18.702 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 865.95 Mbit/s
95th percentile per-packet one-way delay: 18.702 ms
Loss rate: 0.05%

Run 2: Report of TCP Cubic — Data Link

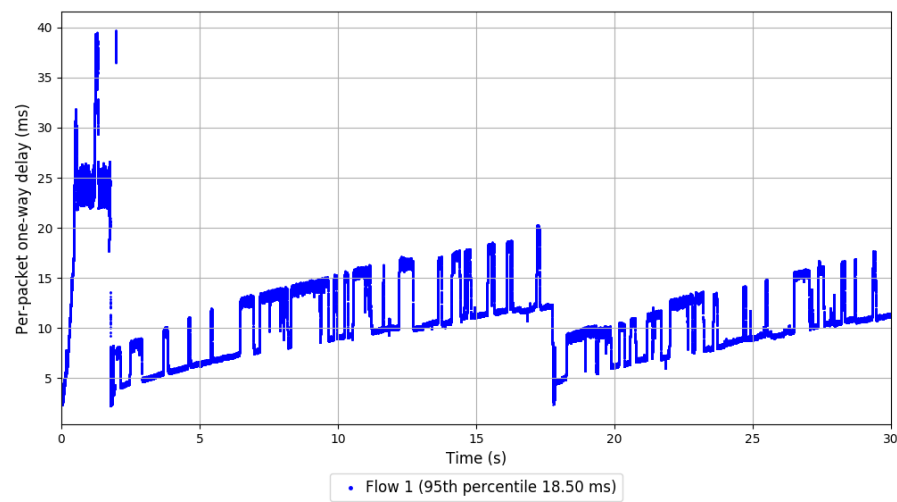
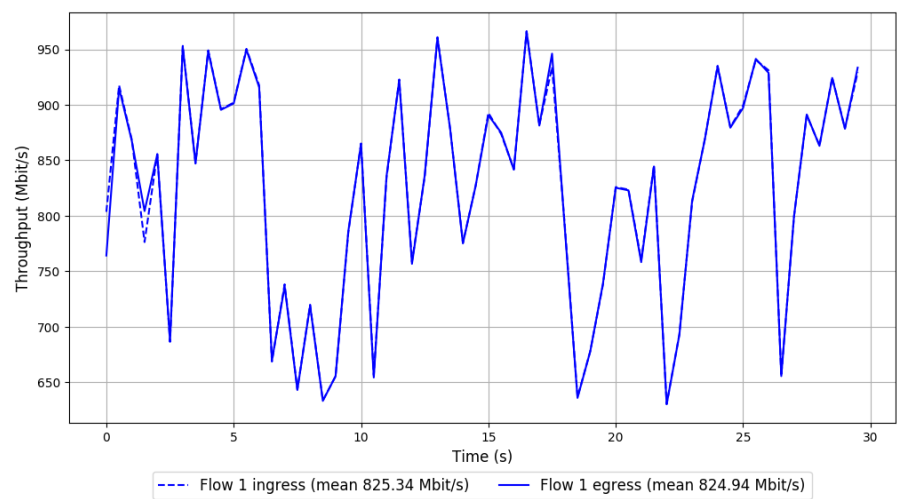


Run 3: Statistics of TCP Cubic

Start at: 2017-09-18 01:15:46
End at: 2017-09-18 01:16:16
Local clock offset: -4.648 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2017-09-18 06:47:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 824.94 Mbit/s
95th percentile per-packet one-way delay: 18.504 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 824.94 Mbit/s
95th percentile per-packet one-way delay: 18.504 ms
Loss rate: 0.05%

Run 3: Report of TCP Cubic — Data Link

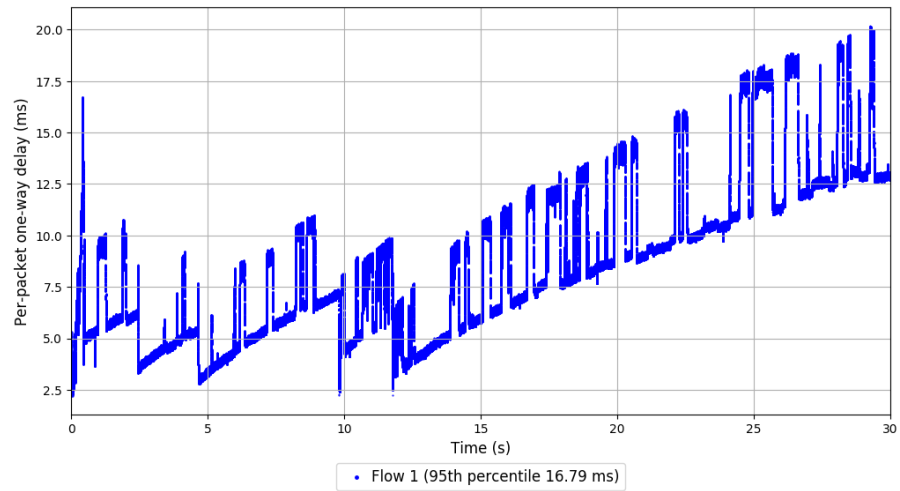
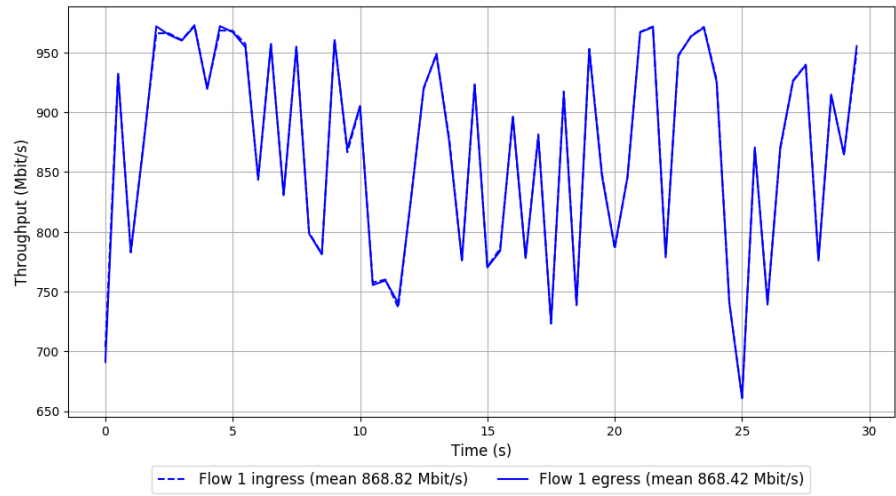


Run 4: Statistics of TCP Cubic

Start at: 2017-09-18 01:35:23
End at: 2017-09-18 01:35:53
Local clock offset: -4.474 ms
Remote clock offset: -0.063 ms

Below is generated by plot.py at 2017-09-18 06:48:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 868.42 Mbit/s
95th percentile per-packet one-way delay: 16.794 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 868.42 Mbit/s
95th percentile per-packet one-way delay: 16.794 ms
Loss rate: 0.04%

Run 4: Report of TCP Cubic — Data Link

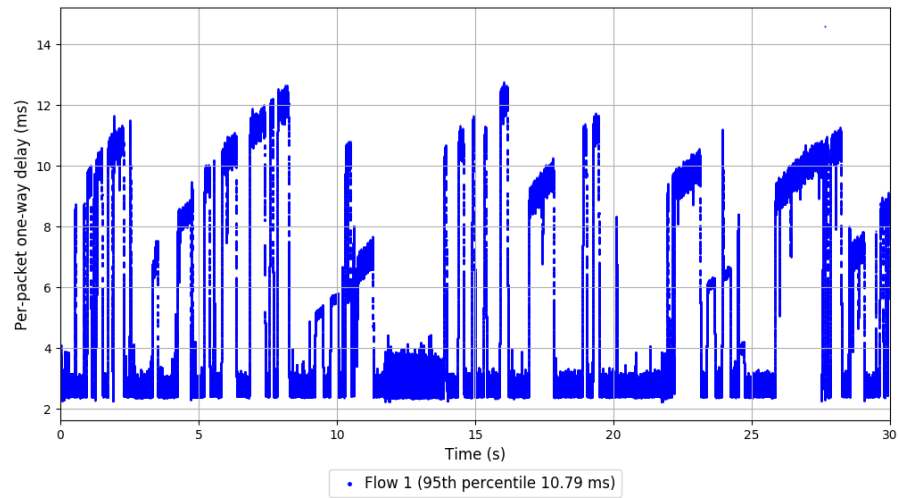
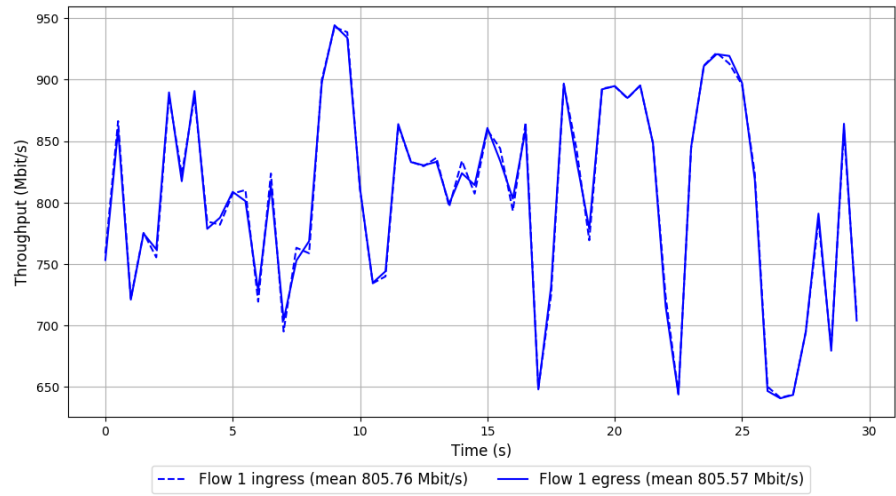


Run 5: Statistics of TCP Cubic

Start at: 2017-09-18 01:55:13
End at: 2017-09-18 01:55:43
Local clock offset: -4.563 ms
Remote clock offset: -0.039 ms

Below is generated by plot.py at 2017-09-18 06:48:30
Datalink statistics
-- Total of 1 flow:
Average throughput: 805.57 Mbit/s
95th percentile per-packet one-way delay: 10.794 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 805.57 Mbit/s
95th percentile per-packet one-way delay: 10.794 ms
Loss rate: 0.02%

Run 5: Report of TCP Cubic — Data Link

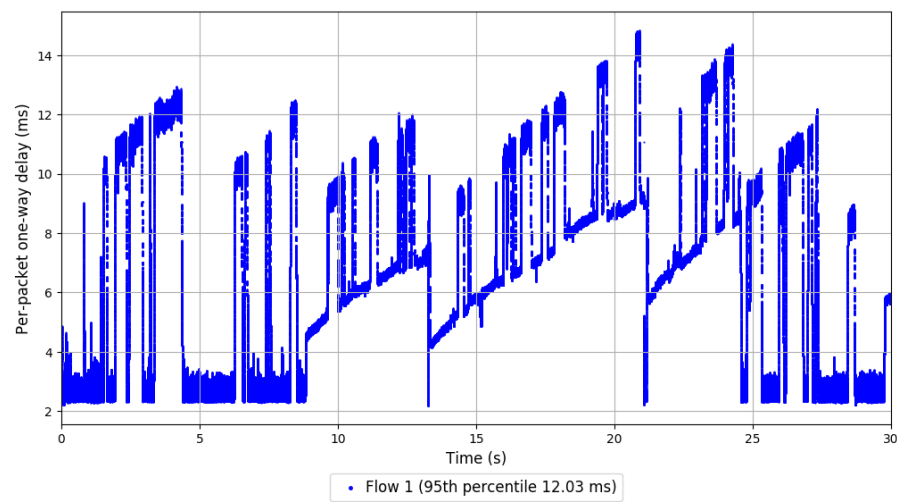
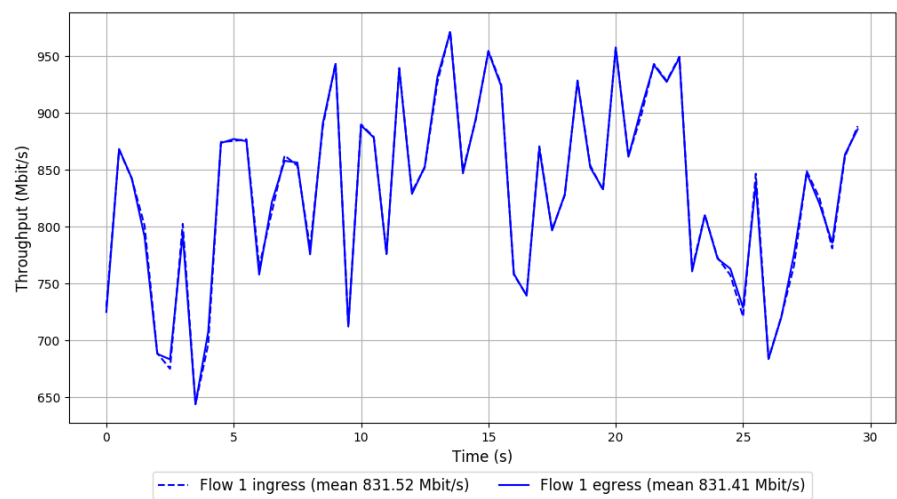


Run 6: Statistics of TCP Cubic

Start at: 2017-09-18 02:14:46
End at: 2017-09-18 02:15:16
Local clock offset: -4.596 ms
Remote clock offset: -0.072 ms

Below is generated by plot.py at 2017-09-18 06:48:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 831.41 Mbit/s
95th percentile per-packet one-way delay: 12.033 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 831.41 Mbit/s
95th percentile per-packet one-way delay: 12.033 ms
Loss rate: 0.01%

Run 6: Report of TCP Cubic — Data Link

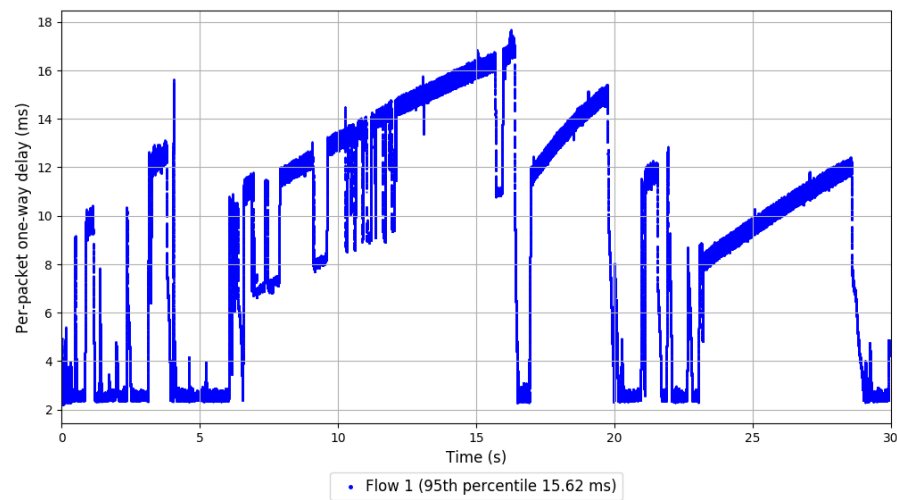
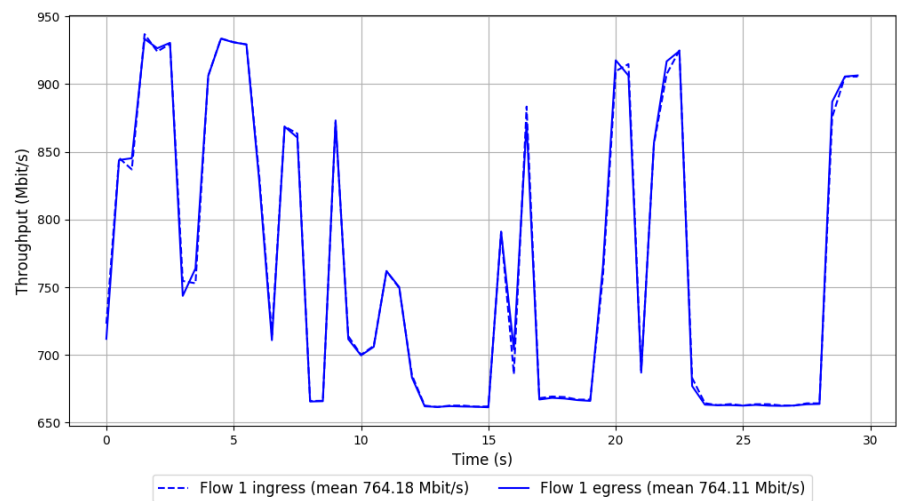


Run 7: Statistics of TCP Cubic

Start at: 2017-09-18 02:34:44
End at: 2017-09-18 02:35:14
Local clock offset: -4.758 ms
Remote clock offset: -0.038 ms

Below is generated by plot.py at 2017-09-18 06:48:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 764.11 Mbit/s
95th percentile per-packet one-way delay: 15.624 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 764.11 Mbit/s
95th percentile per-packet one-way delay: 15.624 ms
Loss rate: 0.01%

Run 7: Report of TCP Cubic — Data Link

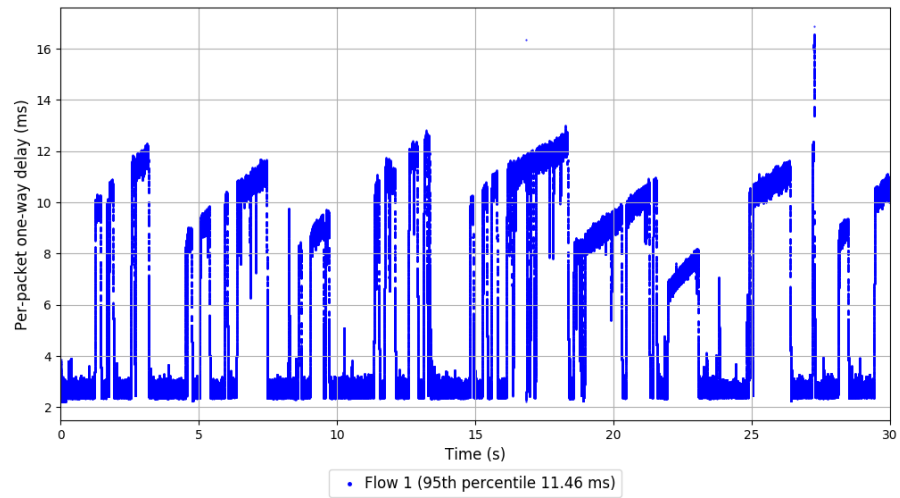
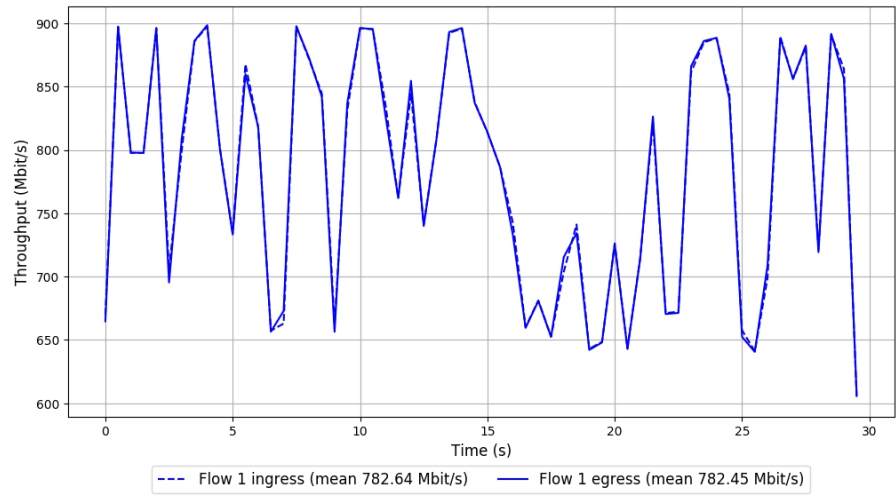


Run 8: Statistics of TCP Cubic

Start at: 2017-09-18 02:54:21
End at: 2017-09-18 02:54:51
Local clock offset: -4.45 ms
Remote clock offset: -0.024 ms

Below is generated by plot.py at 2017-09-18 06:48:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 782.45 Mbit/s
95th percentile per-packet one-way delay: 11.461 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 782.45 Mbit/s
95th percentile per-packet one-way delay: 11.461 ms
Loss rate: 0.02%

Run 8: Report of TCP Cubic — Data Link

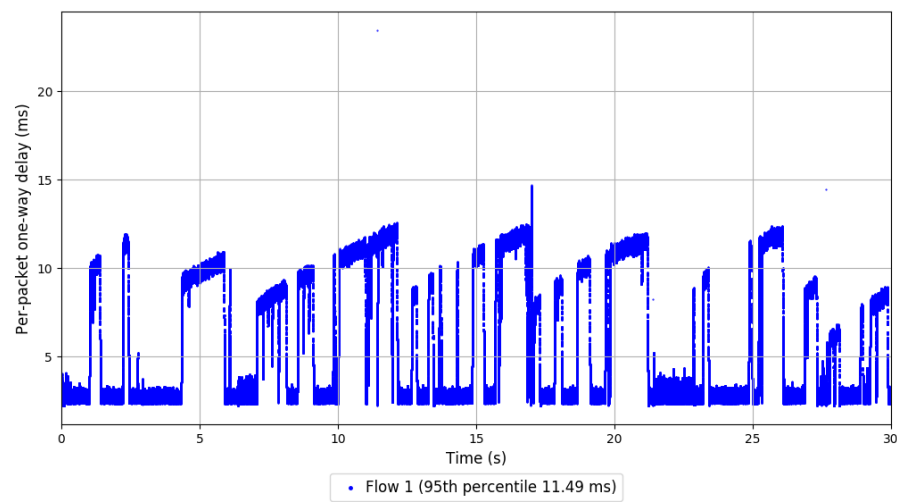
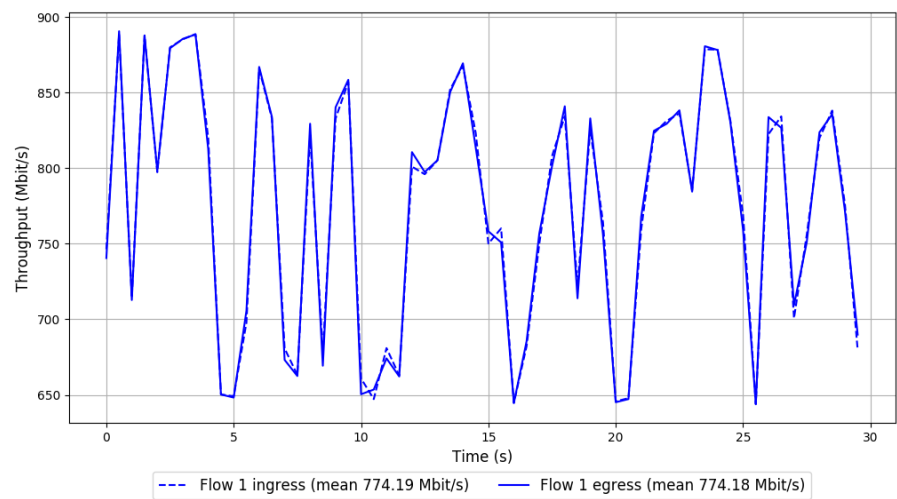


Run 9: Statistics of TCP Cubic

Start at: 2017-09-18 03:14:13
End at: 2017-09-18 03:14:43
Local clock offset: -4.095 ms
Remote clock offset: -0.067 ms

Below is generated by plot.py at 2017-09-18 06:56:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 774.18 Mbit/s
95th percentile per-packet one-way delay: 11.488 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 774.18 Mbit/s
95th percentile per-packet one-way delay: 11.488 ms
Loss rate: 0.00%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

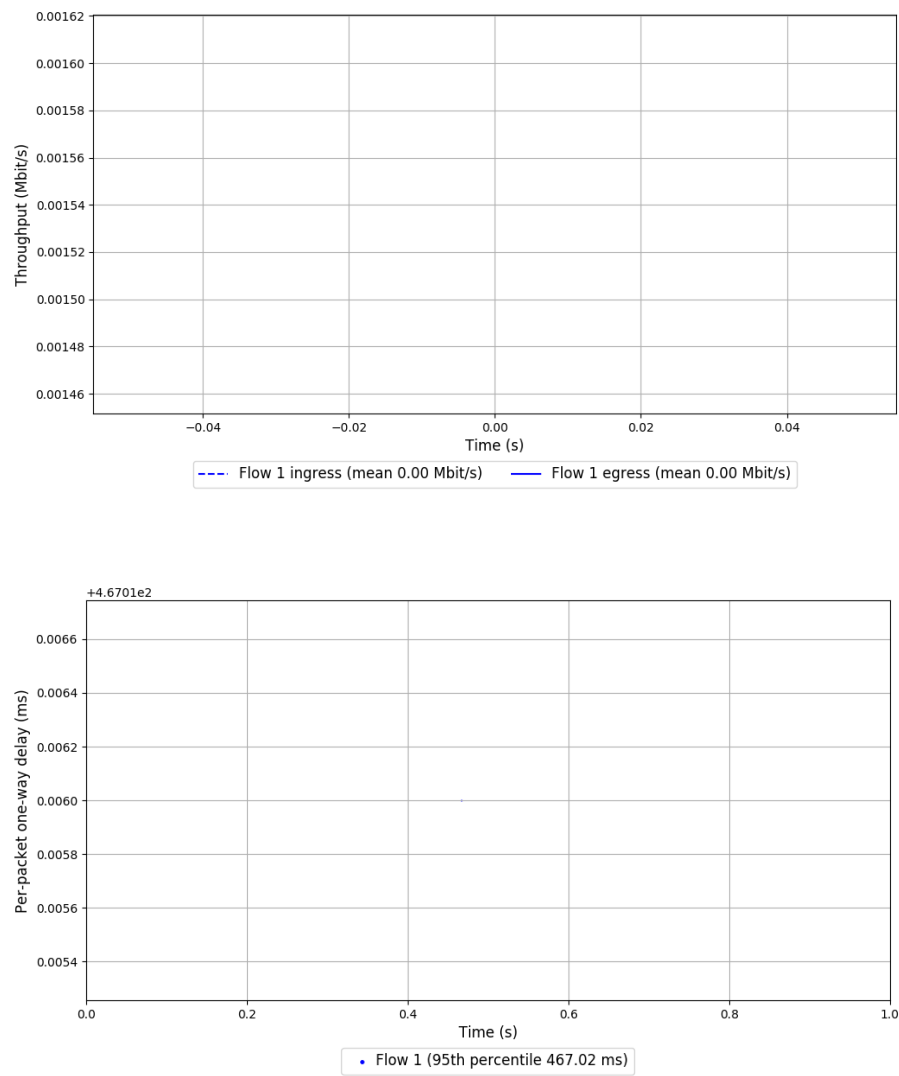
Start at: 2017-09-18 03:33:56

End at: 2017-09-18 03:34:26

Local clock offset: -3.838 ms

Remote clock offset: -0.049 ms

Run 10: Report of TCP Cubic — Data Link

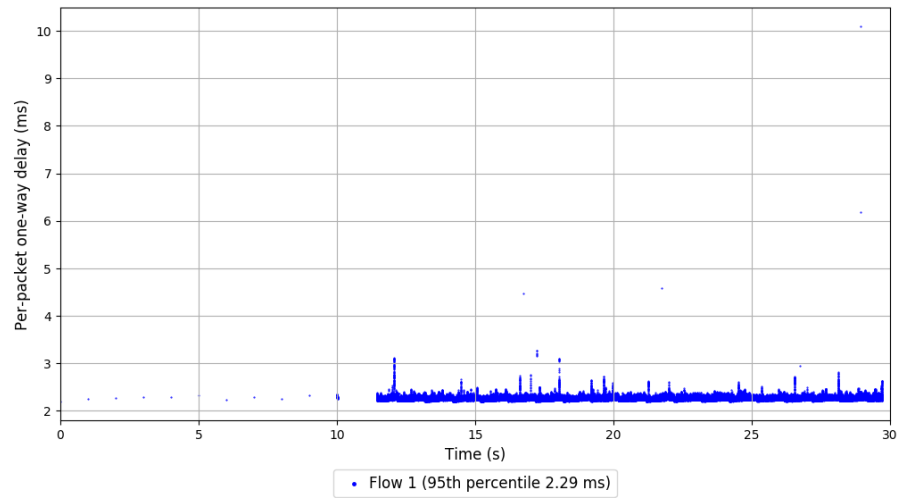
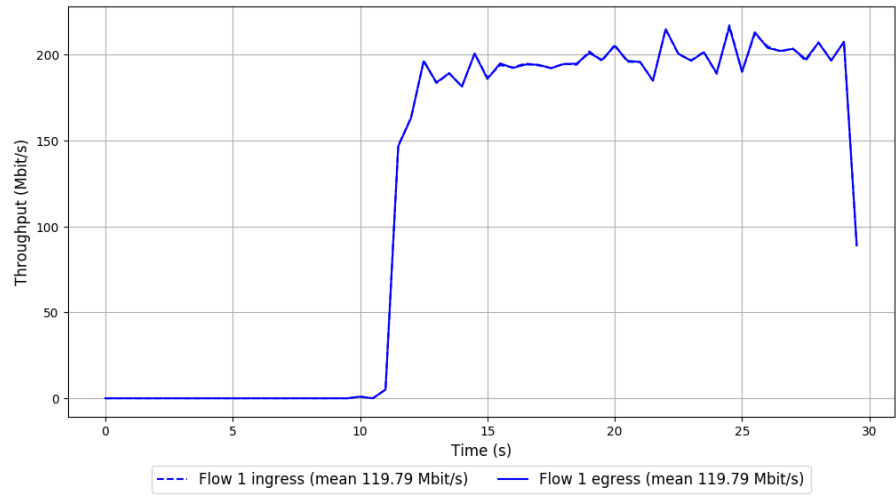


```
Run 1: Statistics of Indigo

Start at: 2017-09-18 00:43:49
End at: 2017-09-18 00:44:19
Local clock offset: -4.518 ms
Remote clock offset: 0.076 ms

# Below is generated by plot.py at 2017-09-18 06:56:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 119.79 Mbit/s
95th percentile per-packet one-way delay: 2.293 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 119.79 Mbit/s
95th percentile per-packet one-way delay: 2.293 ms
Loss rate: 0.00%
```


Run 1: Report of Indigo — Data Link

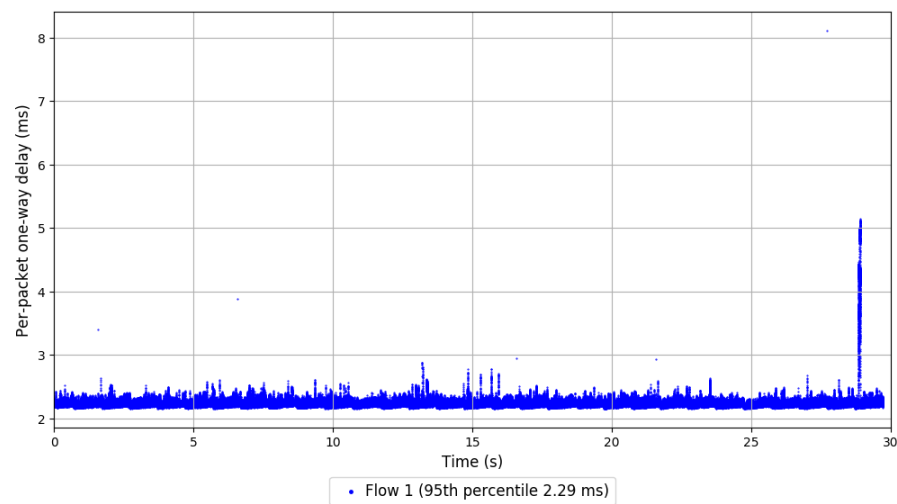
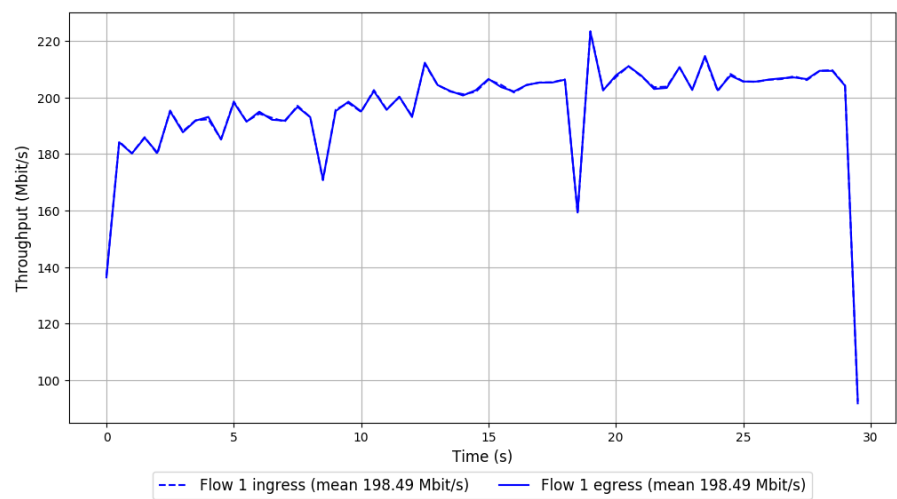


Run 2: Statistics of Indigo

Start at: 2017-09-18 01:03:26
End at: 2017-09-18 01:03:56
Local clock offset: -4.486 ms
Remote clock offset: -0.079 ms

Below is generated by plot.py at 2017-09-18 06:56:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 198.49 Mbit/s
95th percentile per-packet one-way delay: 2.285 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 198.49 Mbit/s
95th percentile per-packet one-way delay: 2.285 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2017-09-18 01:23:04

End at: 2017-09-18 01:23:34

Local clock offset: -4.57 ms

Remote clock offset: -0.049 ms

Below is generated by plot.py at 2017-09-18 06:56:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 196.77 Mbit/s

95th percentile per-packet one-way delay: 2.273 ms

Loss rate: 0.00%

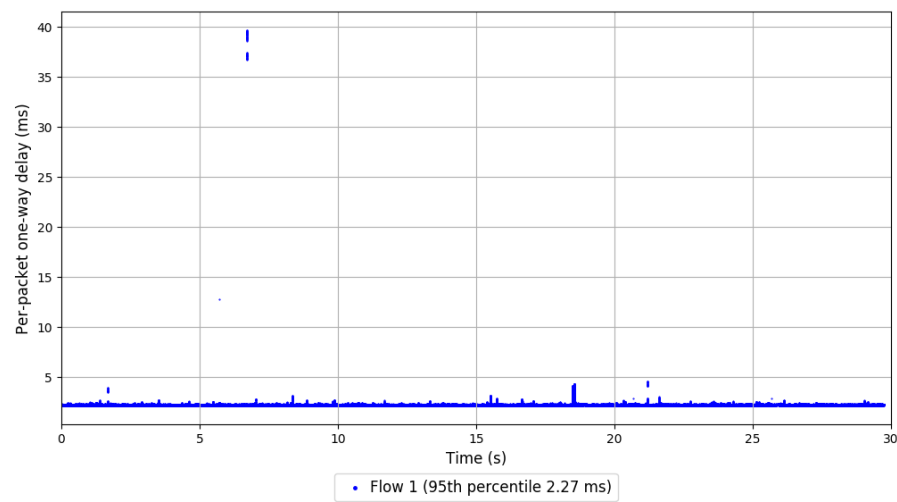
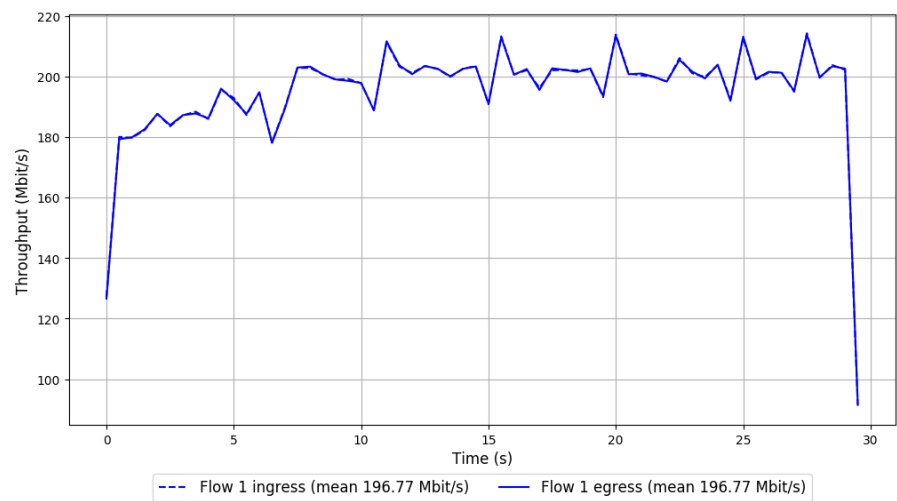
-- Flow 1:

Average throughput: 196.77 Mbit/s

95th percentile per-packet one-way delay: 2.273 ms

Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

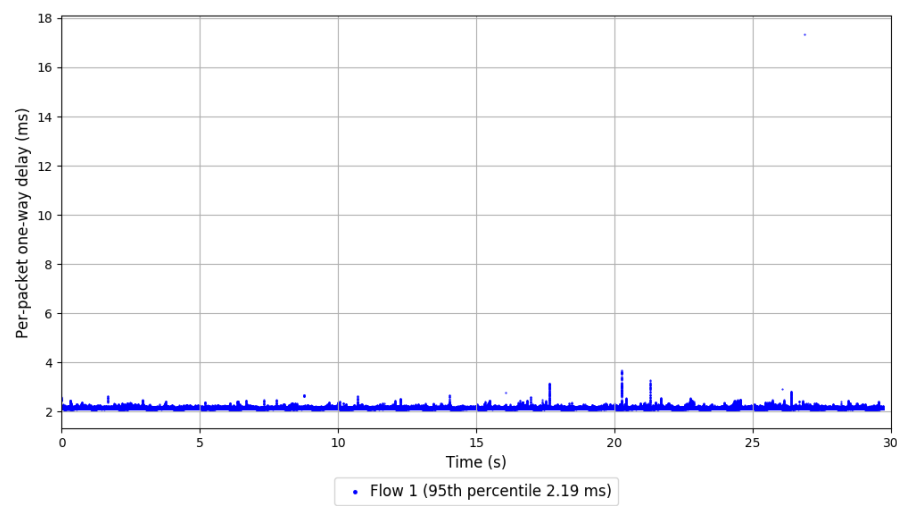
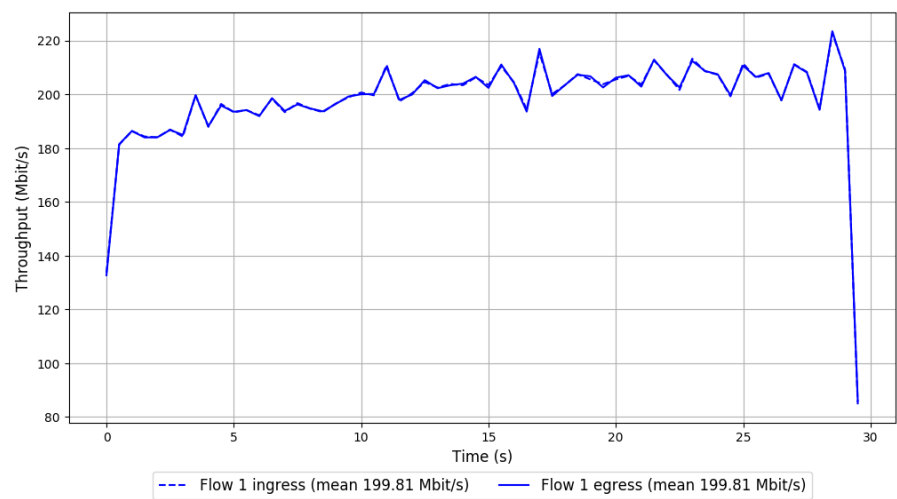


Run 4: Statistics of Indigo

Start at: 2017-09-18 01:42:43
End at: 2017-09-18 01:43:13
Local clock offset: -4.466 ms
Remote clock offset: -0.117 ms

Below is generated by plot.py at 2017-09-18 06:56:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 199.81 Mbit/s
95th percentile per-packet one-way delay: 2.187 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 199.81 Mbit/s
95th percentile per-packet one-way delay: 2.187 ms
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

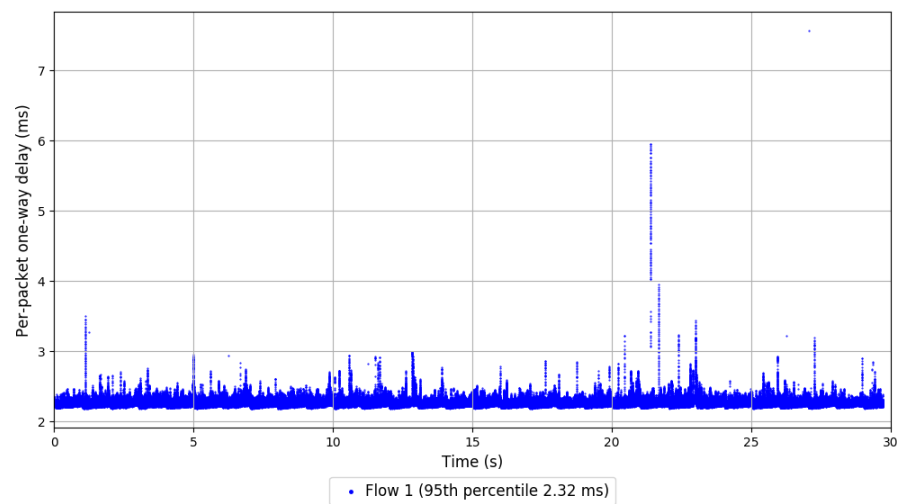
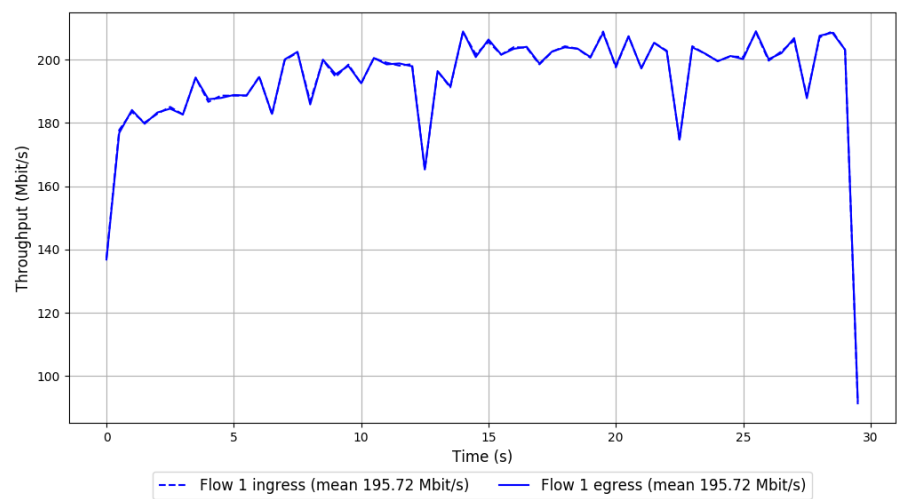


Run 5: Statistics of Indigo

Start at: 2017-09-18 02:02:29
End at: 2017-09-18 02:02:59
Local clock offset: -4.612 ms
Remote clock offset: -0.084 ms

Below is generated by plot.py at 2017-09-18 06:56:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 195.72 Mbit/s
95th percentile per-packet one-way delay: 2.324 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 195.72 Mbit/s
95th percentile per-packet one-way delay: 2.324 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

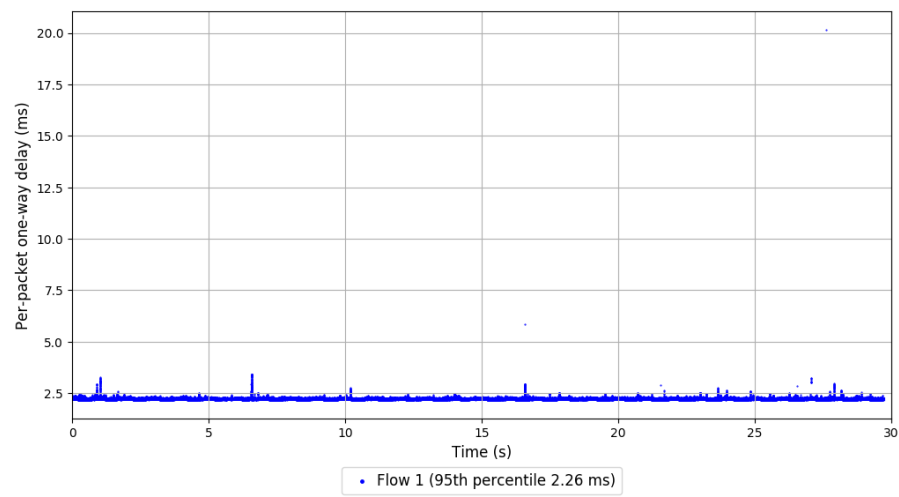
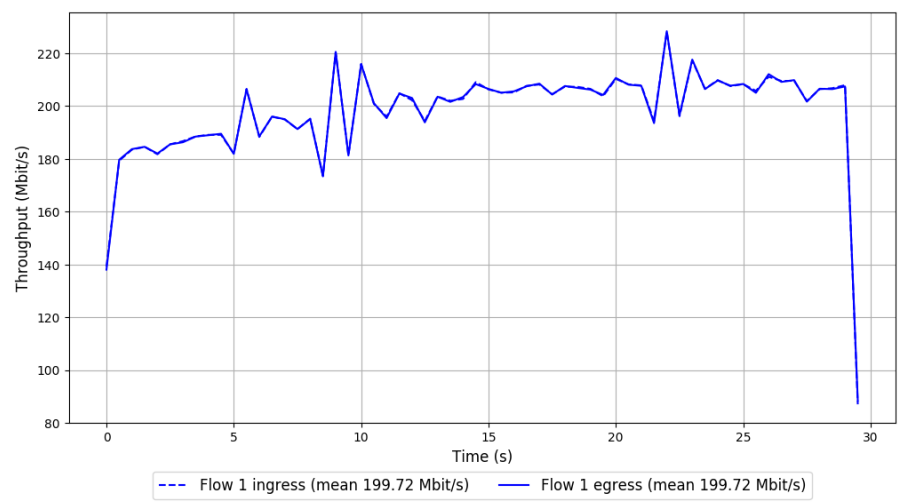


Run 6: Statistics of Indigo

Start at: 2017-09-18 02:22:11
End at: 2017-09-18 02:22:41
Local clock offset: -4.715 ms
Remote clock offset: -0.128 ms

Below is generated by plot.py at 2017-09-18 06:56:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 199.72 Mbit/s
95th percentile per-packet one-way delay: 2.257 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 199.72 Mbit/s
95th percentile per-packet one-way delay: 2.257 ms
Loss rate: 0.00%

Run 6: Report of Indigo — Data Link

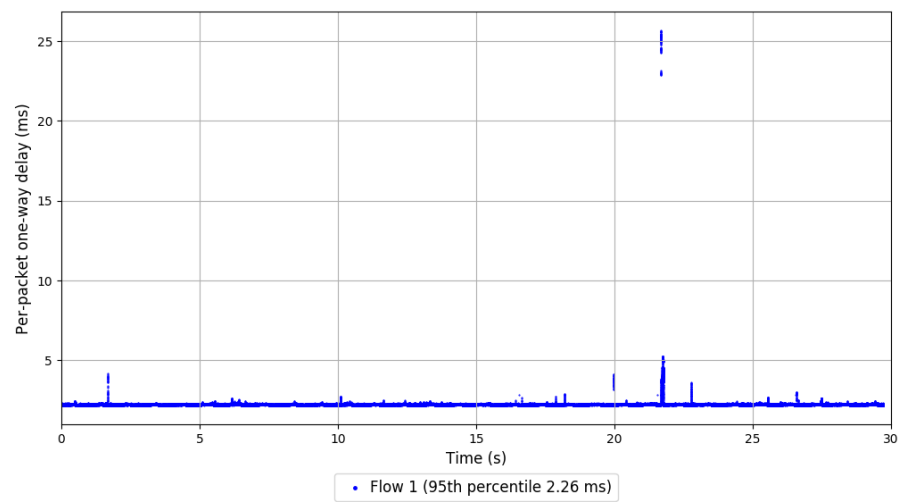
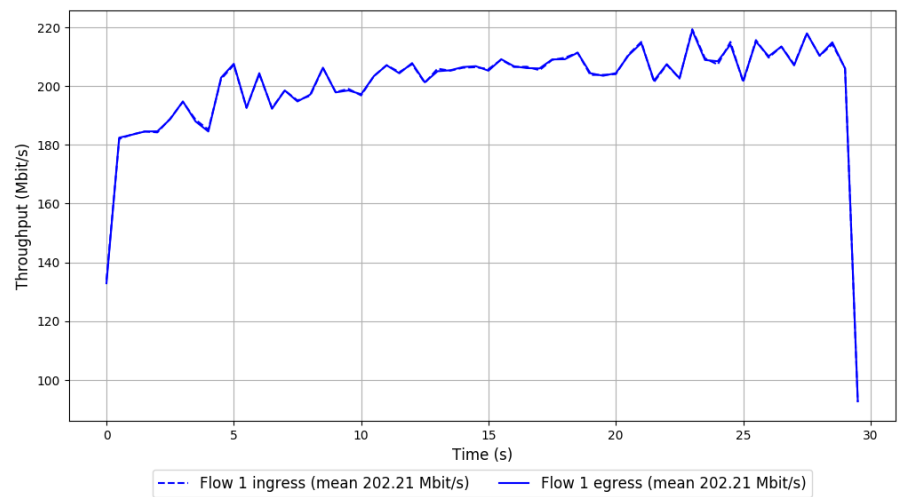


Run 7: Statistics of Indigo

Start at: 2017-09-18 02:42:00
End at: 2017-09-18 02:42:30
Local clock offset: -4.675 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2017-09-18 06:56:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 202.21 Mbit/s
95th percentile per-packet one-way delay: 2.258 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 202.21 Mbit/s
95th percentile per-packet one-way delay: 2.258 ms
Loss rate: 0.00%

Run 7: Report of Indigo — Data Link

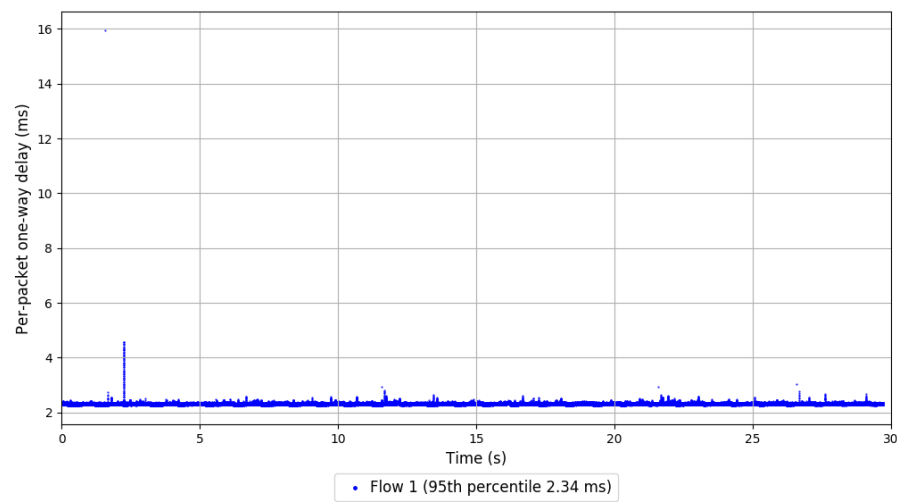
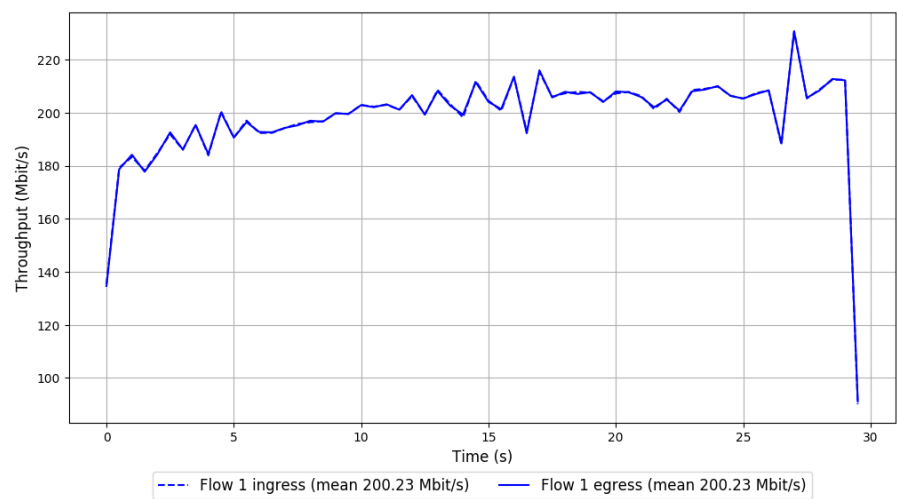


Run 8: Statistics of Indigo

Start at: 2017-09-18 03:01:41
End at: 2017-09-18 03:02:11
Local clock offset: -4.353 ms
Remote clock offset: -0.023 ms

Below is generated by plot.py at 2017-09-18 06:56:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 200.23 Mbit/s
95th percentile per-packet one-way delay: 2.338 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 200.23 Mbit/s
95th percentile per-packet one-way delay: 2.338 ms
Loss rate: 0.00%

Run 8: Report of Indigo — Data Link

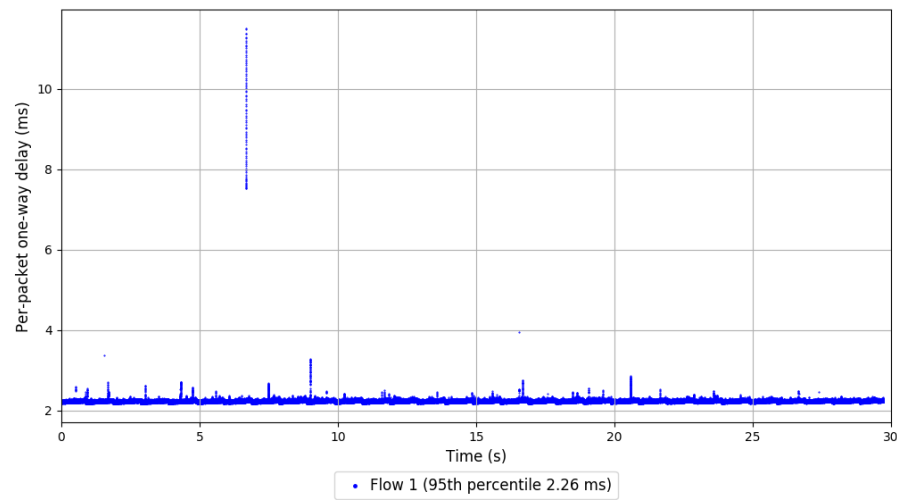
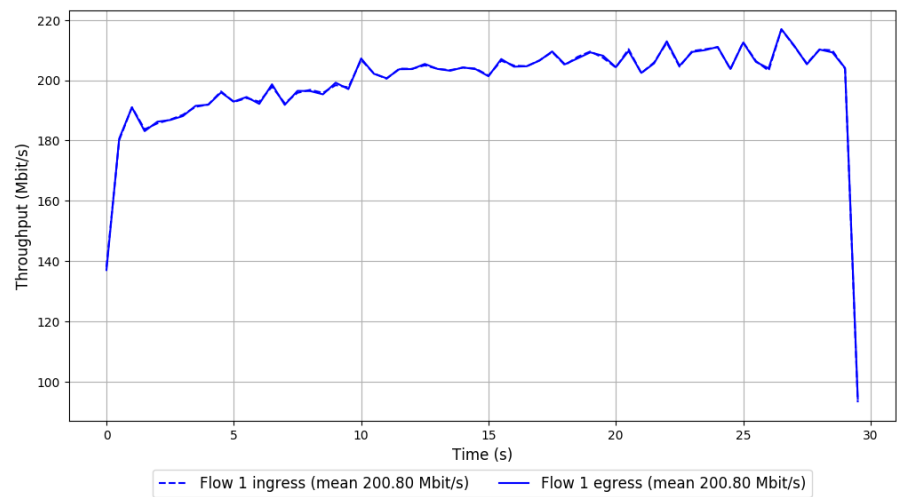


Run 9: Statistics of Indigo

Start at: 2017-09-18 03:21:34
End at: 2017-09-18 03:22:04
Local clock offset: -3.965 ms
Remote clock offset: -0.051 ms

Below is generated by plot.py at 2017-09-18 06:56:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 200.80 Mbit/s
95th percentile per-packet one-way delay: 2.263 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 200.80 Mbit/s
95th percentile per-packet one-way delay: 2.263 ms
Loss rate: 0.00%

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2017-09-18 03:40:33

End at: 2017-09-18 03:41:03

Local clock offset: -3.77 ms

Remote clock offset: -0.112 ms

Below is generated by plot.py at 2017-09-18 06:56:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 200.89 Mbit/s

95th percentile per-packet one-way delay: 2.206 ms

Loss rate: 0.00%

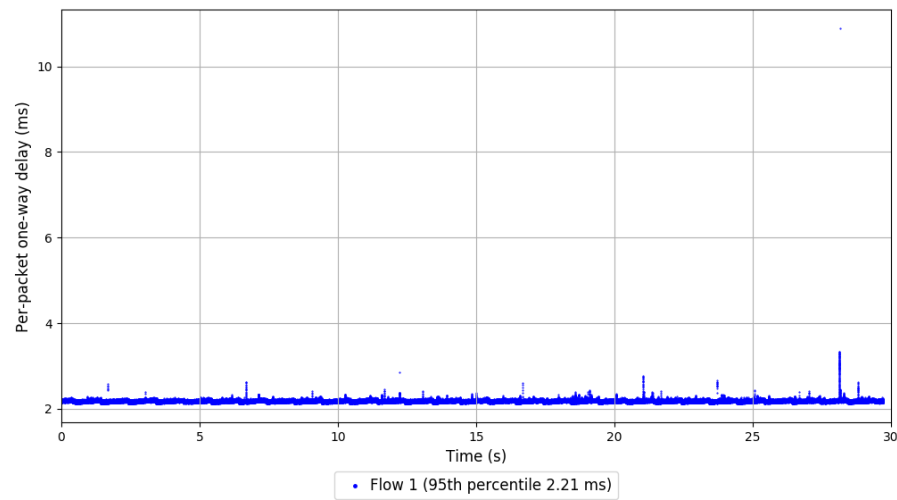
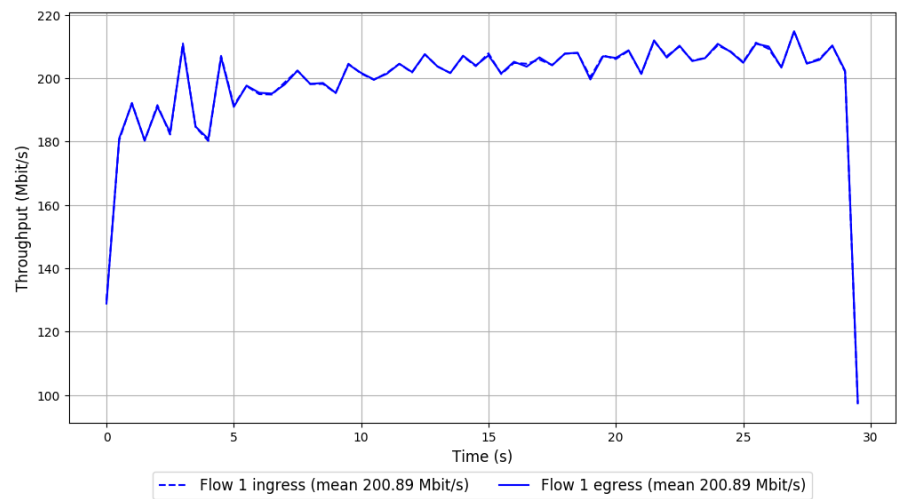
-- Flow 1:

Average throughput: 200.89 Mbit/s

95th percentile per-packet one-way delay: 2.206 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

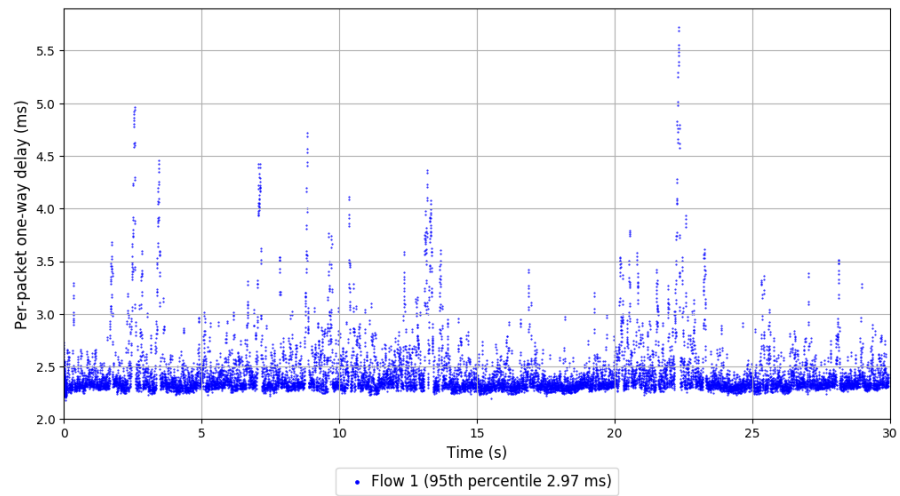
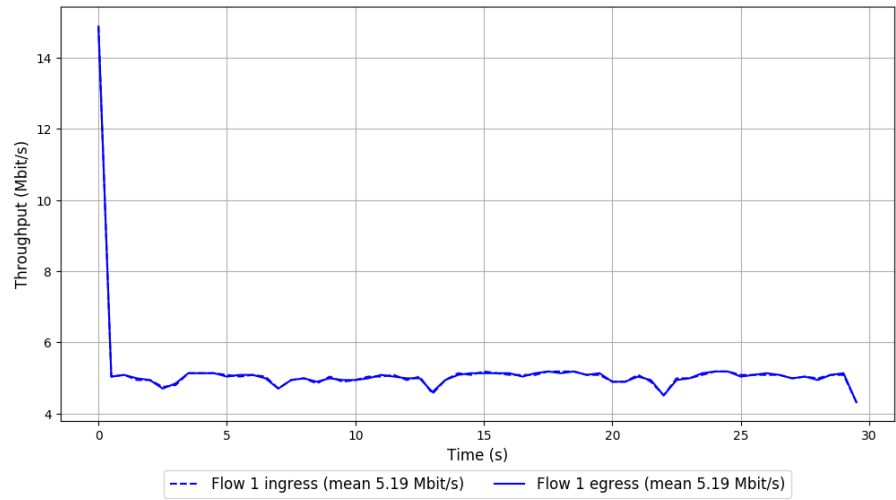


```
Run 1: Statistics of KohoCC

Start at: 2017-09-18 00:54:54
End at: 2017-09-18 00:55:24
Local clock offset: -4.377 ms
Remote clock offset: 0.014 ms

# Below is generated by plot.py at 2017-09-18 06:56:07
# Datalink statistics
-- Total of 1 flow:
Average throughput: 5.19 Mbit/s
95th percentile per-packet one-way delay: 2.966 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.19 Mbit/s
95th percentile per-packet one-way delay: 2.966 ms
Loss rate: 0.00%
```

Run 1: Report of KohoCC — Data Link

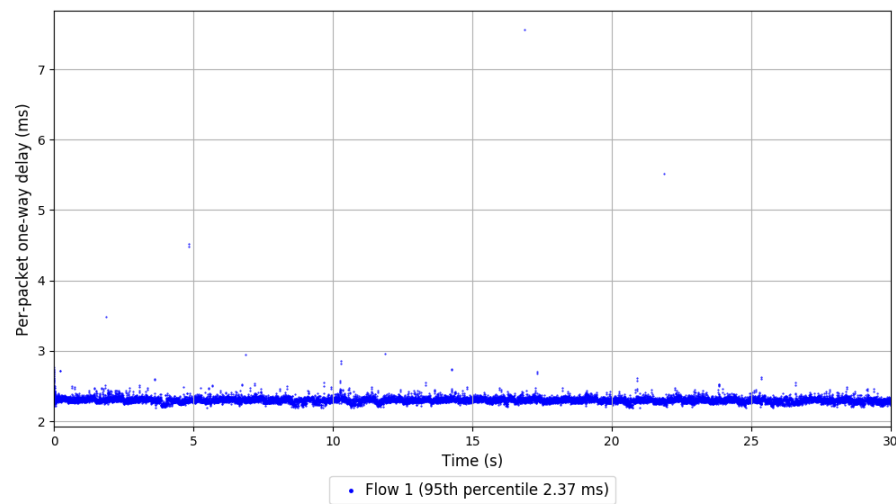
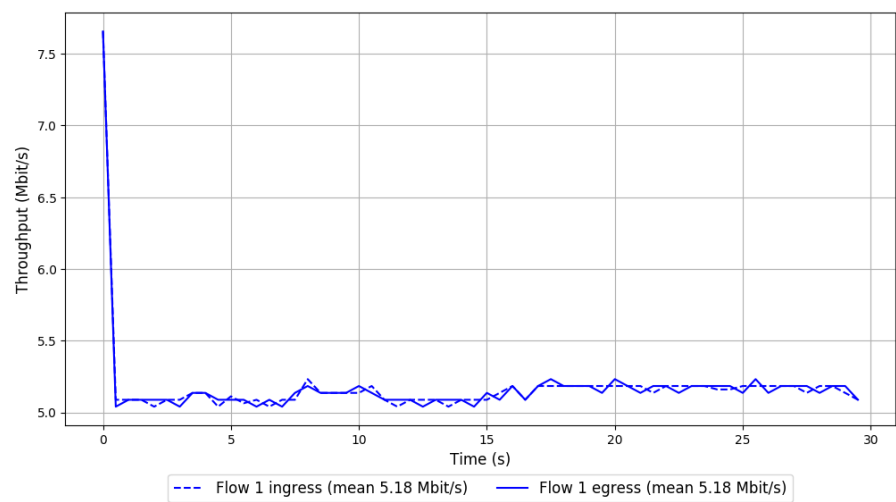


Run 2: Statistics of KohoCC

Start at: 2017-09-18 01:14:41
End at: 2017-09-18 01:15:12
Local clock offset: -4.632 ms
Remote clock offset: -0.023 ms

Below is generated by plot.py at 2017-09-18 06:56:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.18 Mbit/s
95th percentile per-packet one-way delay: 2.365 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.18 Mbit/s
95th percentile per-packet one-way delay: 2.365 ms
Loss rate: 0.00%

Run 2: Report of KohoCC — Data Link

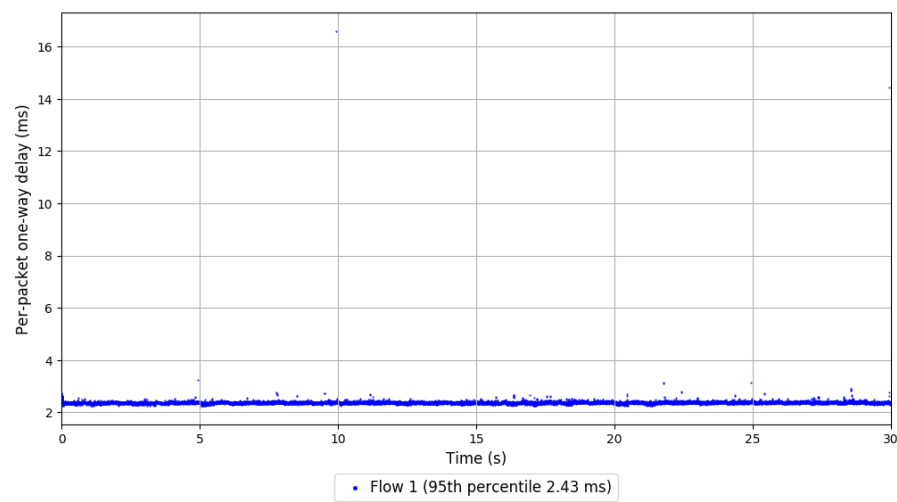
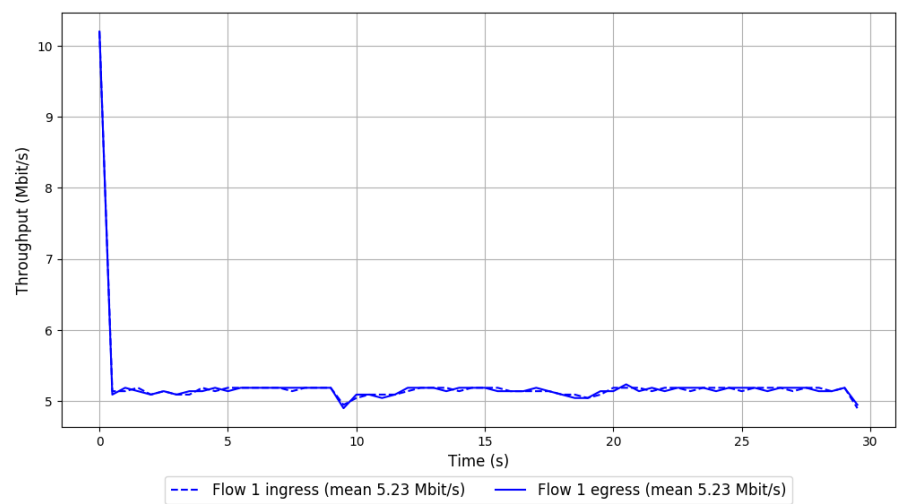


Run 3: Statistics of KohoCC

Start at: 2017-09-18 01:34:19
End at: 2017-09-18 01:34:49
Local clock offset: -4.528 ms
Remote clock offset: -0.047 ms

Below is generated by plot.py at 2017-09-18 06:56:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.23 Mbit/s
95th percentile per-packet one-way delay: 2.432 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.23 Mbit/s
95th percentile per-packet one-way delay: 2.432 ms
Loss rate: 0.00%

Run 3: Report of KohoCC — Data Link



Run 4: Statistics of KohoCC

Start at: 2017-09-18 01:54:09

End at: 2017-09-18 01:54:39

Local clock offset: -4.579 ms

Remote clock offset: -0.14 ms

Below is generated by plot.py at 2017-09-18 06:56:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.19 Mbit/s

95th percentile per-packet one-way delay: 2.327 ms

Loss rate: 0.00%

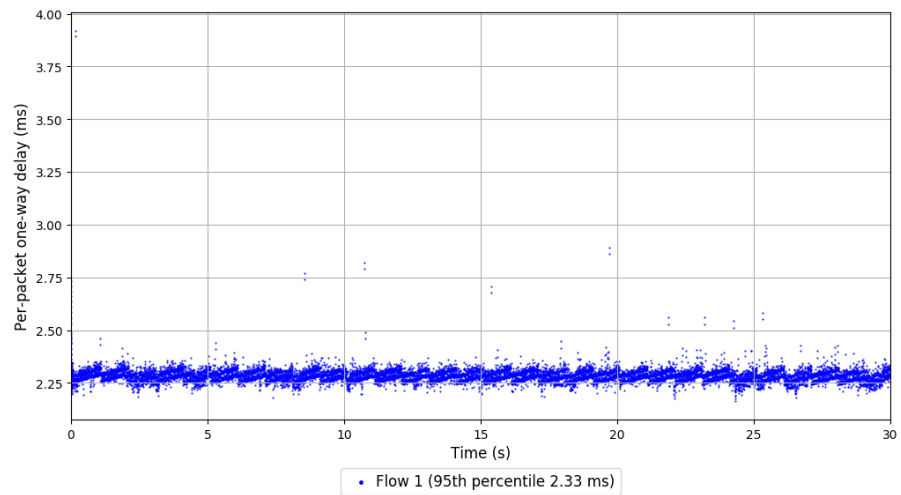
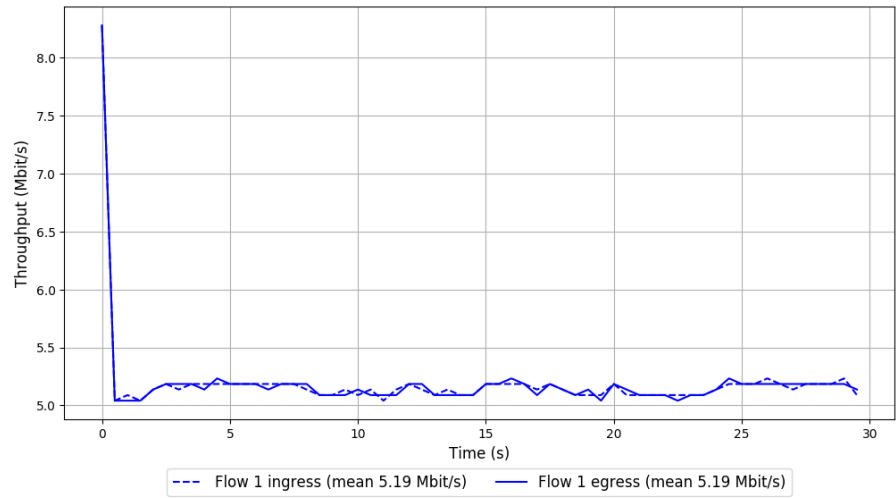
-- Flow 1:

Average throughput: 5.19 Mbit/s

95th percentile per-packet one-way delay: 2.327 ms

Loss rate: 0.00%

Run 4: Report of KohoCC — Data Link

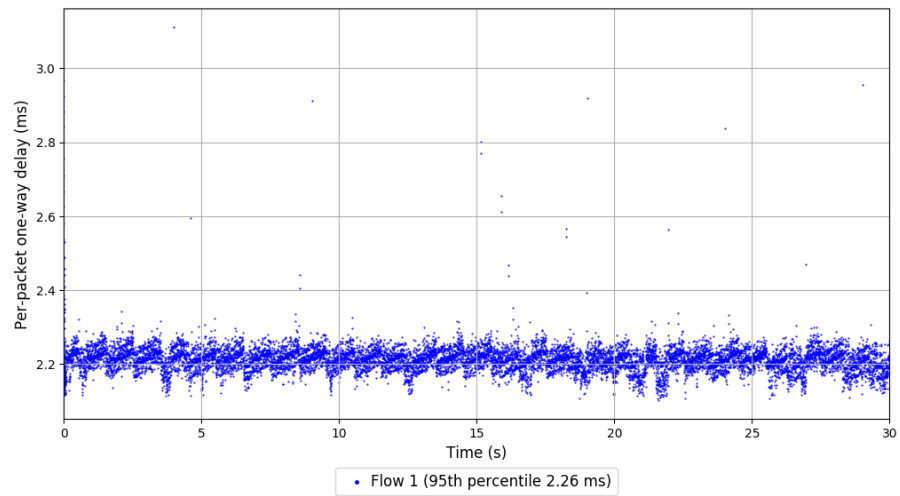
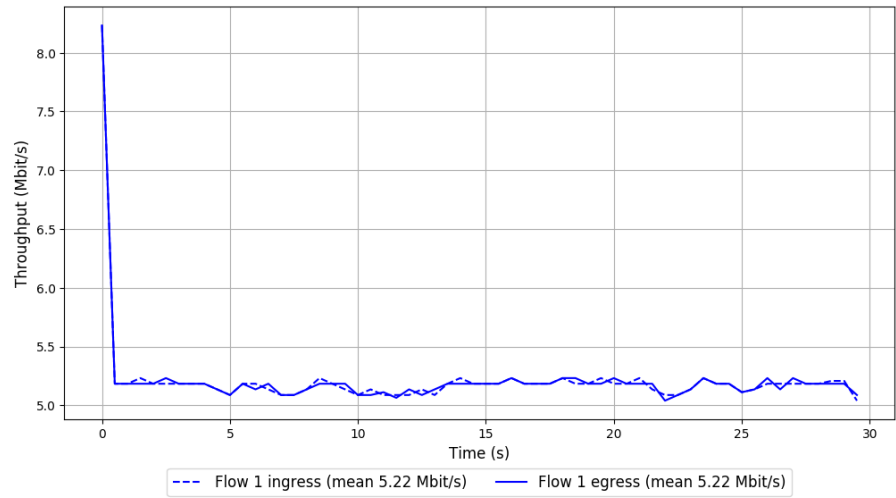


Run 5: Statistics of KohoCC

Start at: 2017-09-18 02:13:42
End at: 2017-09-18 02:14:12
Local clock offset: -4.603 ms
Remote clock offset: -0.149 ms

Below is generated by plot.py at 2017-09-18 06:56:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.22 Mbit/s
95th percentile per-packet one-way delay: 2.260 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.22 Mbit/s
95th percentile per-packet one-way delay: 2.260 ms
Loss rate: 0.00%

Run 5: Report of KohoCC — Data Link

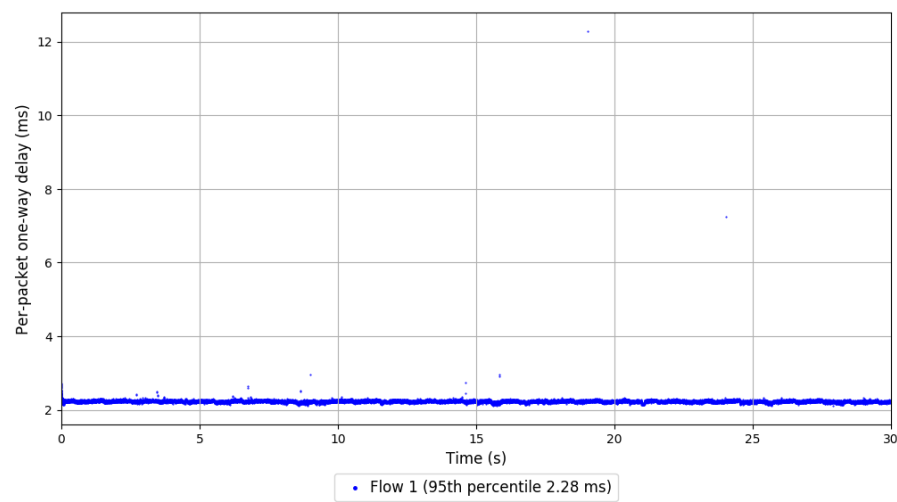
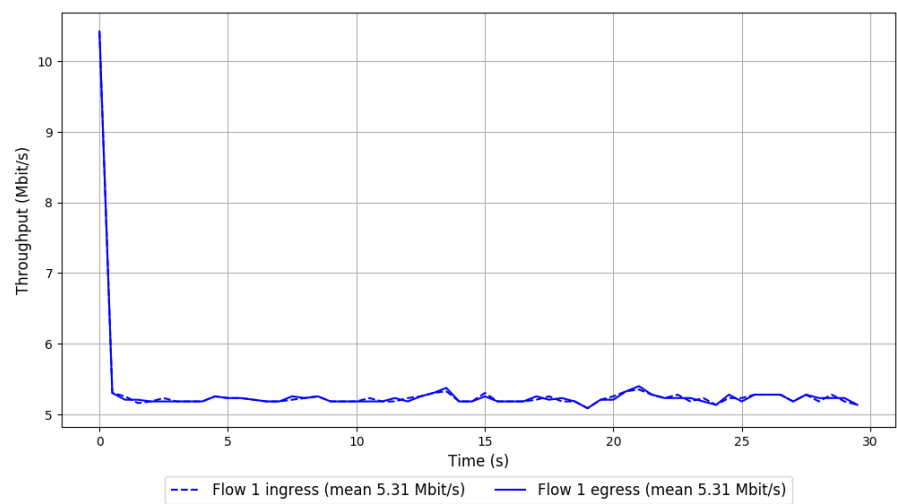


Run 6: Statistics of KohoCC

Start at: 2017-09-18 02:33:40
End at: 2017-09-18 02:34:10
Local clock offset: -4.763 ms
Remote clock offset: -0.104 ms

Below is generated by plot.py at 2017-09-18 06:56:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.31 Mbit/s
95th percentile per-packet one-way delay: 2.277 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.31 Mbit/s
95th percentile per-packet one-way delay: 2.277 ms
Loss rate: 0.00%

Run 6: Report of KohoCC — Data Link

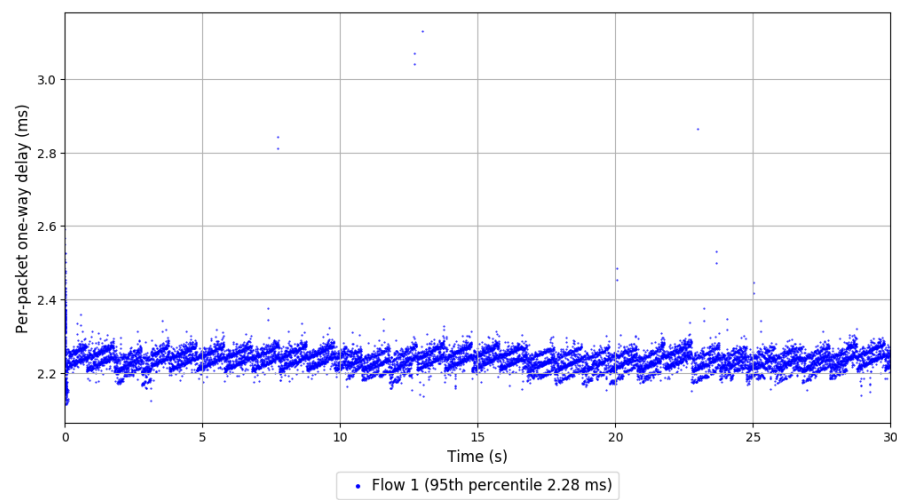
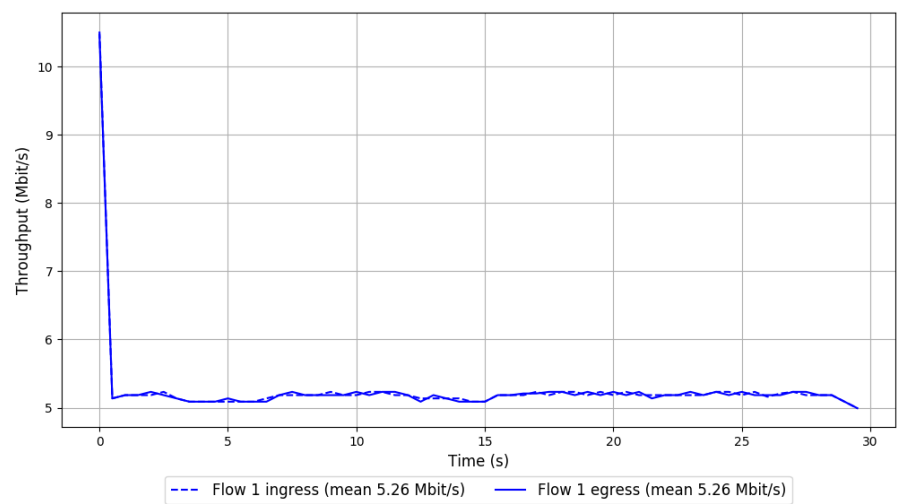


Run 7: Statistics of KohoCC

Start at: 2017-09-18 02:53:17
End at: 2017-09-18 02:53:47
Local clock offset: -4.44 ms
Remote clock offset: -0.093 ms

Below is generated by plot.py at 2017-09-18 06:56:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.26 Mbit/s
95th percentile per-packet one-way delay: 2.276 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.26 Mbit/s
95th percentile per-packet one-way delay: 2.276 ms
Loss rate: 0.00%

Run 7: Report of KohoCC — Data Link

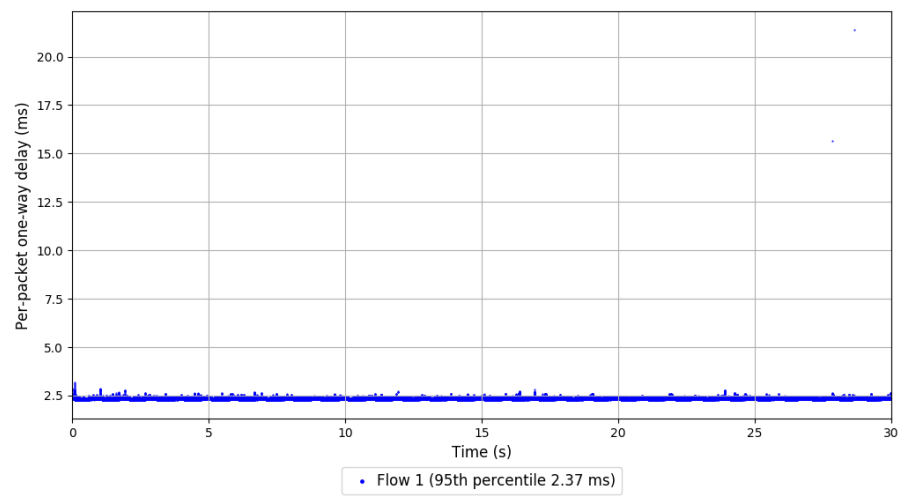
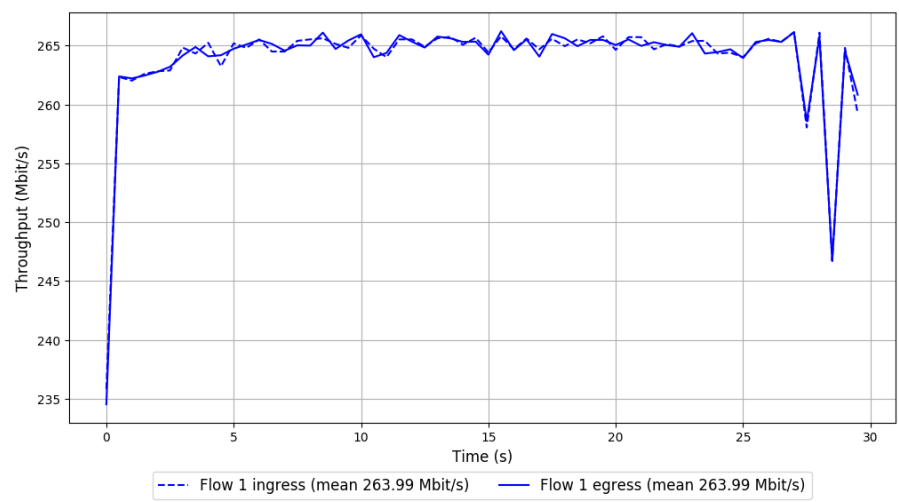


Run 8: Statistics of KohoCC

Start at: 2017-09-18 03:12:54
End at: 2017-09-18 03:13:24
Local clock offset: -4.199 ms
Remote clock offset: -0.068 ms

Below is generated by plot.py at 2017-09-18 06:56:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 263.99 Mbit/s
95th percentile per-packet one-way delay: 2.368 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 263.99 Mbit/s
95th percentile per-packet one-way delay: 2.368 ms
Loss rate: 0.00%

Run 8: Report of KohoCC — Data Link

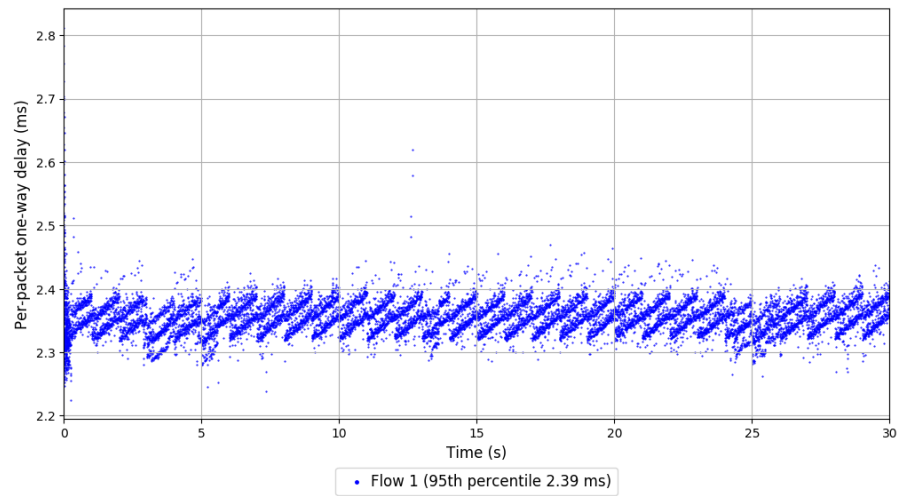
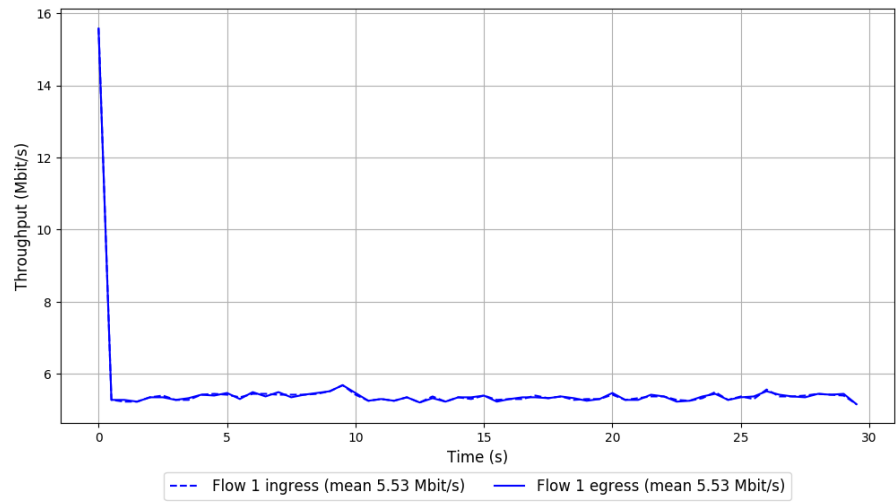


Run 9: Statistics of KohoCC

Start at: 2017-09-18 03:32:52
End at: 2017-09-18 03:33:22
Local clock offset: -3.874 ms
Remote clock offset: -0.042 ms

Below is generated by plot.py at 2017-09-18 06:56:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 5.53 Mbit/s
95th percentile per-packet one-way delay: 2.393 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 5.53 Mbit/s
95th percentile per-packet one-way delay: 2.393 ms
Loss rate: 0.00%

Run 9: Report of KohoCC — Data Link



Run 10: Statistics of KohoCC

Start at: 2017-09-18 03:52:08

End at: 2017-09-18 03:52:38

Local clock offset: -3.699 ms

Remote clock offset: -0.062 ms

Below is generated by plot.py at 2017-09-18 06:56:07

Datalink statistics

-- Total of 1 flow:

Average throughput: 5.23 Mbit/s

95th percentile per-packet one-way delay: 2.366 ms

Loss rate: 0.00%

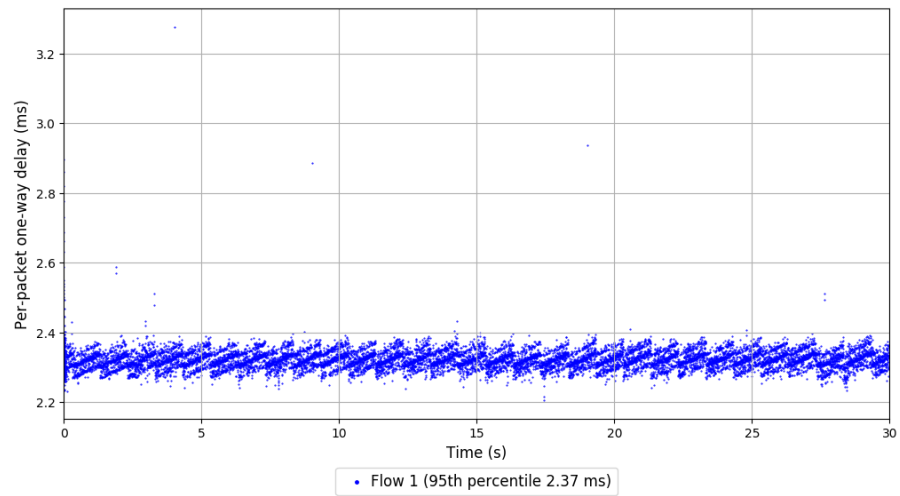
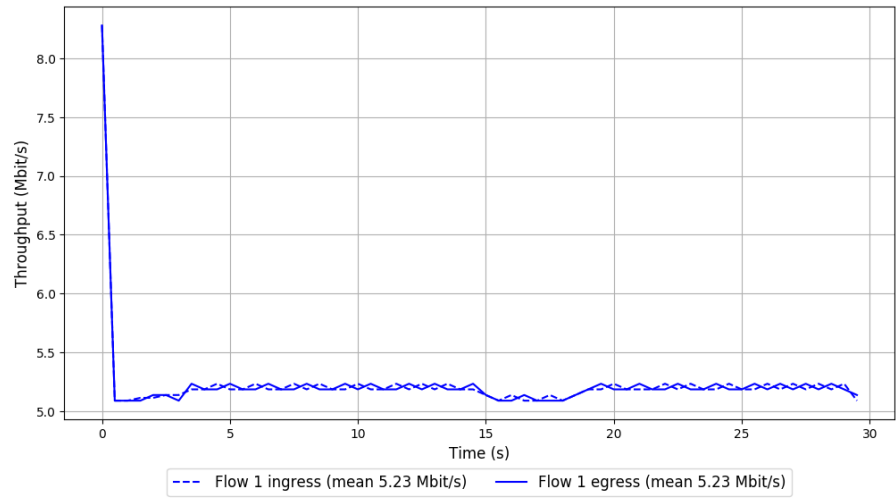
-- Flow 1:

Average throughput: 5.23 Mbit/s

95th percentile per-packet one-way delay: 2.366 ms

Loss rate: 0.00%

Run 10: Report of KohoCC — Data Link

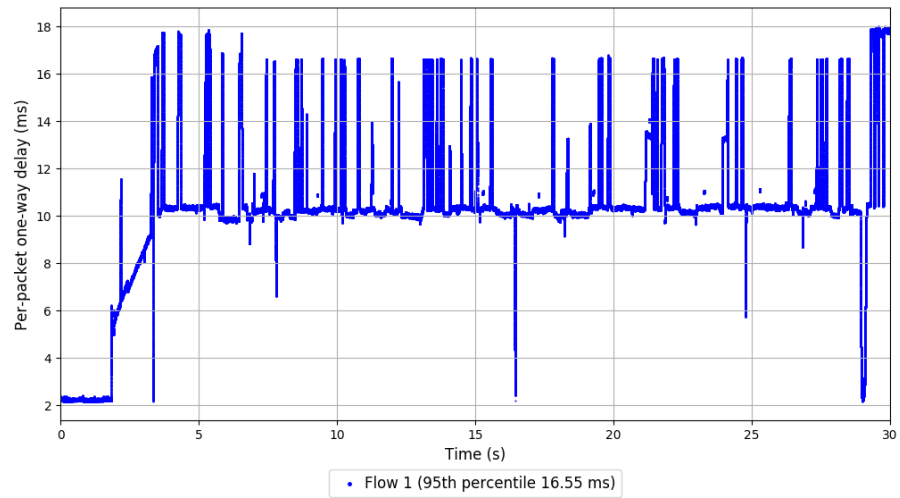
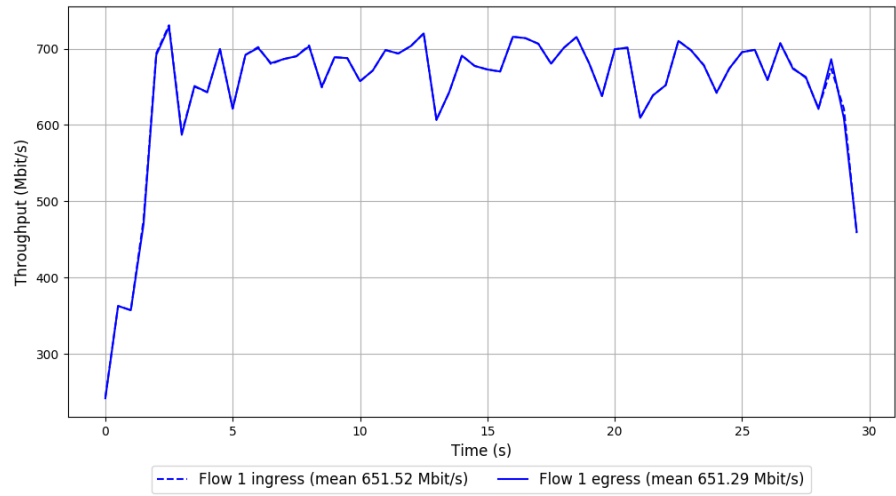


```
Run 1: Statistics of LEDBAT

Start at: 2017-09-18 00:50:40
End at: 2017-09-18 00:51:10
Local clock offset: -4.379 ms
Remote clock offset: 0.018 ms

# Below is generated by plot.py at 2017-09-18 07:01:18
# Datalink statistics
-- Total of 1 flow:
Average throughput: 651.29 Mbit/s
95th percentile per-packet one-way delay: 16.554 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 651.29 Mbit/s
95th percentile per-packet one-way delay: 16.554 ms
Loss rate: 0.03%
```


Run 1: Report of LEDBAT — Data Link

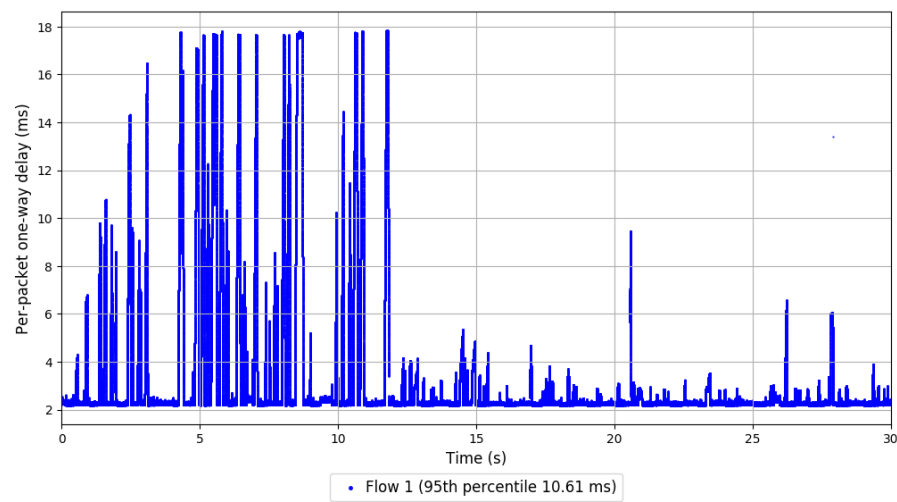
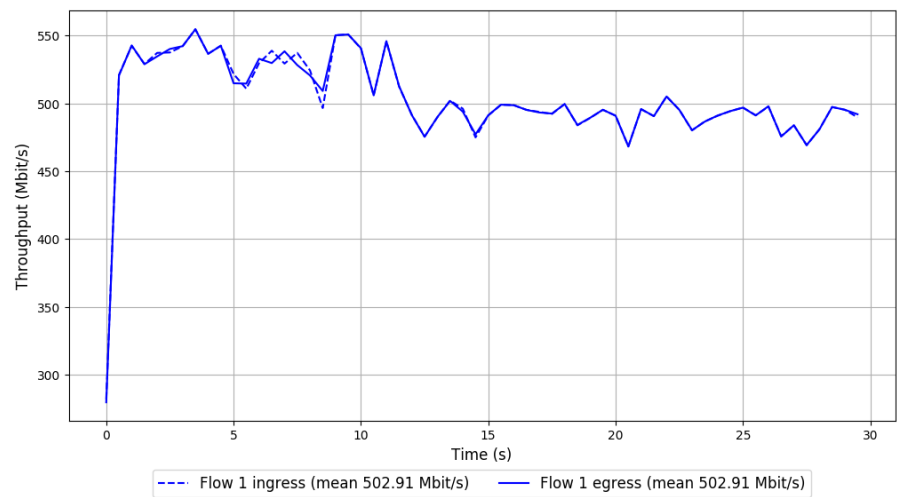


Run 2: Statistics of LEDBAT

Start at: 2017-09-18 01:10:34
End at: 2017-09-18 01:11:04
Local clock offset: -4.519 ms
Remote clock offset: -0.006 ms

Below is generated by plot.py at 2017-09-18 07:01:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 502.91 Mbit/s
95th percentile per-packet one-way delay: 10.607 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 502.91 Mbit/s
95th percentile per-packet one-way delay: 10.607 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

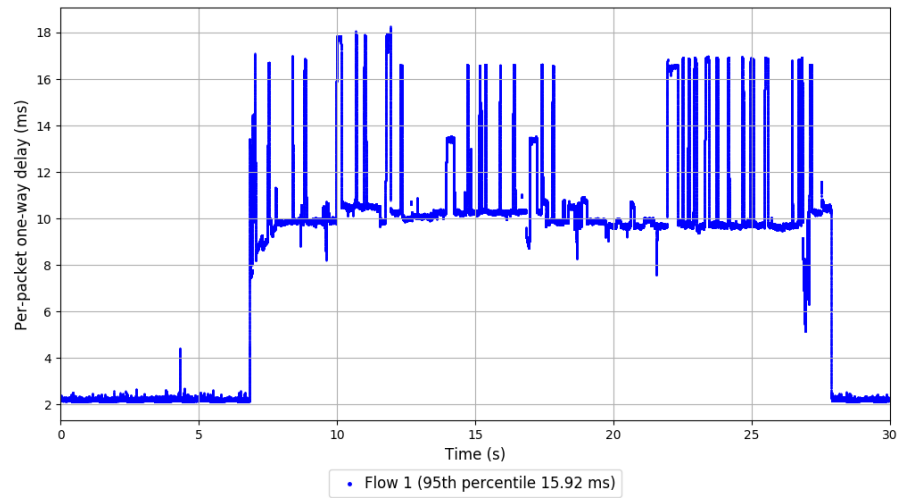
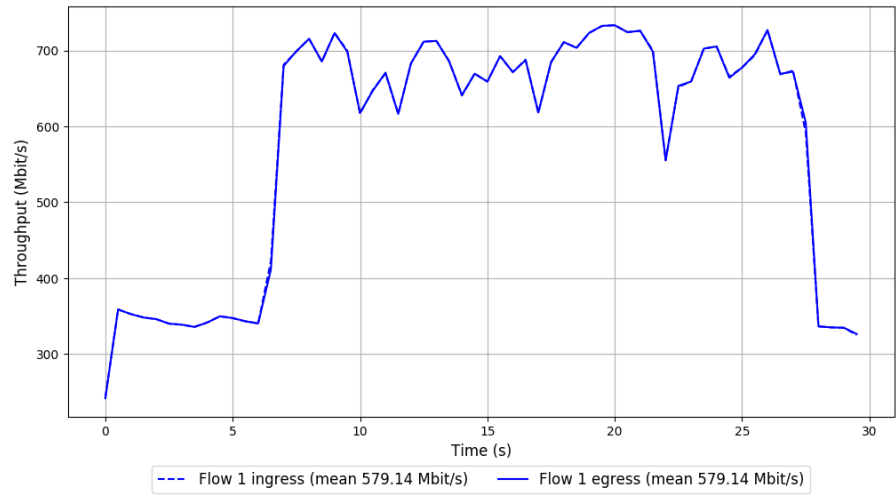


Run 3: Statistics of LEDBAT

Start at: 2017-09-18 01:30:09
End at: 2017-09-18 01:30:39
Local clock offset: -4.481 ms
Remote clock offset: -0.102 ms

Below is generated by plot.py at 2017-09-18 07:01:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 579.14 Mbit/s
95th percentile per-packet one-way delay: 15.921 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 579.14 Mbit/s
95th percentile per-packet one-way delay: 15.921 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link

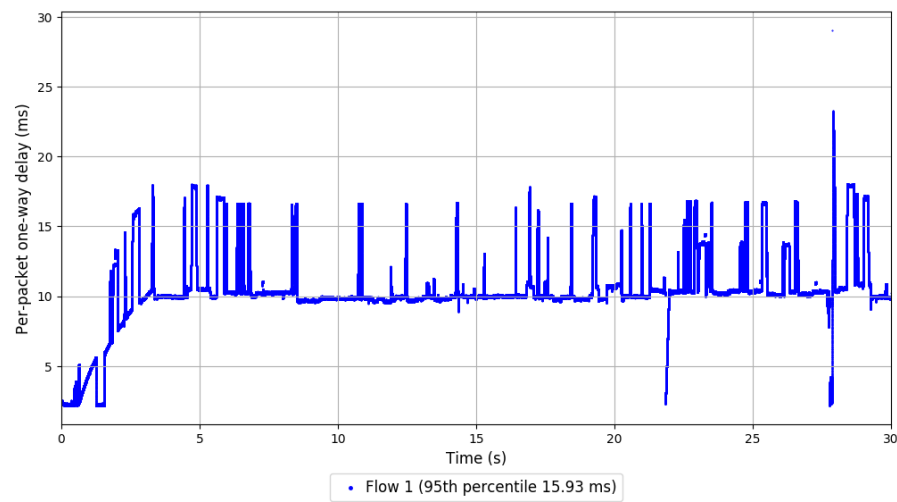
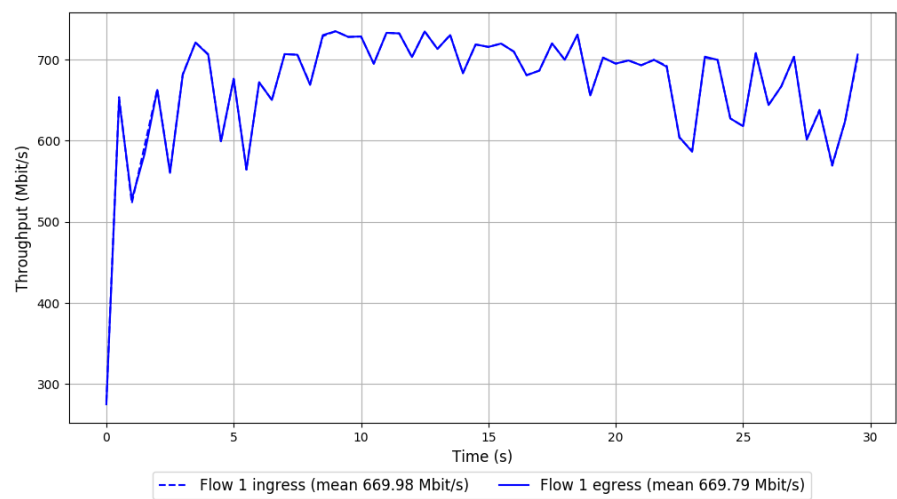


Run 4: Statistics of LEDBAT

Start at: 2017-09-18 01:49:54
End at: 2017-09-18 01:50:24
Local clock offset: -4.495 ms
Remote clock offset: -0.072 ms

Below is generated by plot.py at 2017-09-18 07:01:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 669.79 Mbit/s
95th percentile per-packet one-way delay: 15.925 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 669.79 Mbit/s
95th percentile per-packet one-way delay: 15.925 ms
Loss rate: 0.03%

Run 4: Report of LEDBAT — Data Link

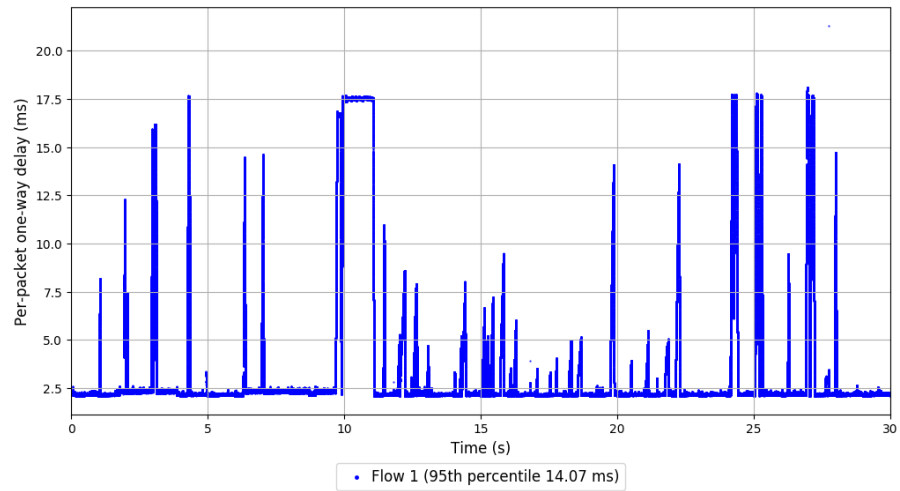
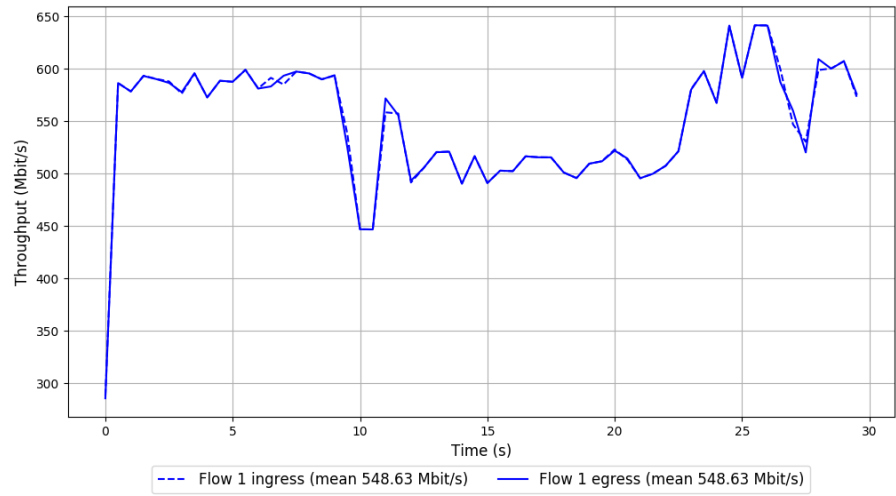


Run 5: Statistics of LEDBAT

Start at: 2017-09-18 02:09:30
End at: 2017-09-18 02:10:00
Local clock offset: -4.553 ms
Remote clock offset: -0.129 ms

Below is generated by plot.py at 2017-09-18 07:01:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 548.63 Mbit/s
95th percentile per-packet one-way delay: 14.071 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 548.63 Mbit/s
95th percentile per-packet one-way delay: 14.071 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

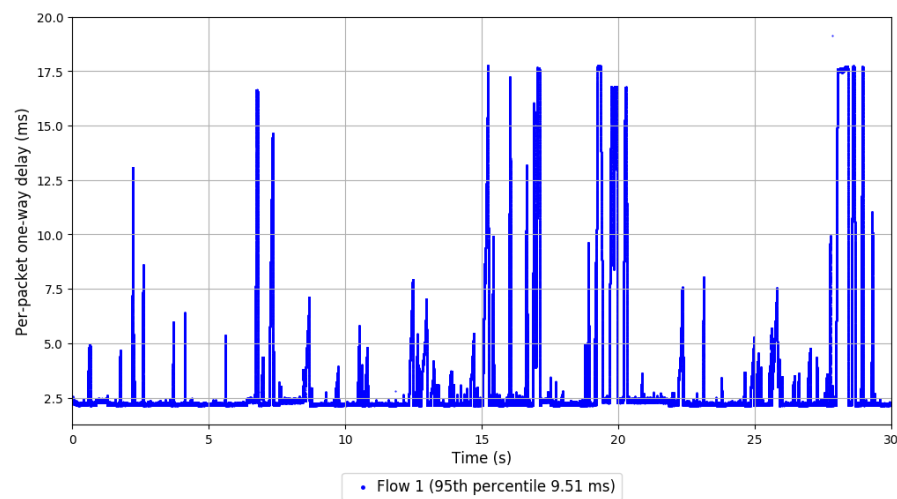
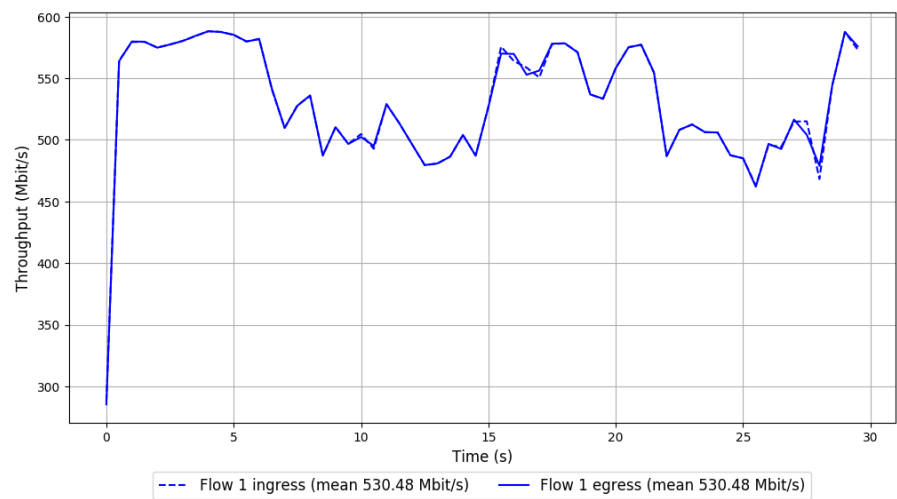


Run 6: Statistics of LEDBAT

Start at: 2017-09-18 02:29:29
End at: 2017-09-18 02:29:59
Local clock offset: -4.723 ms
Remote clock offset: -0.112 ms

Below is generated by plot.py at 2017-09-18 07:01:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 530.48 Mbit/s
95th percentile per-packet one-way delay: 9.509 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 530.48 Mbit/s
95th percentile per-packet one-way delay: 9.509 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

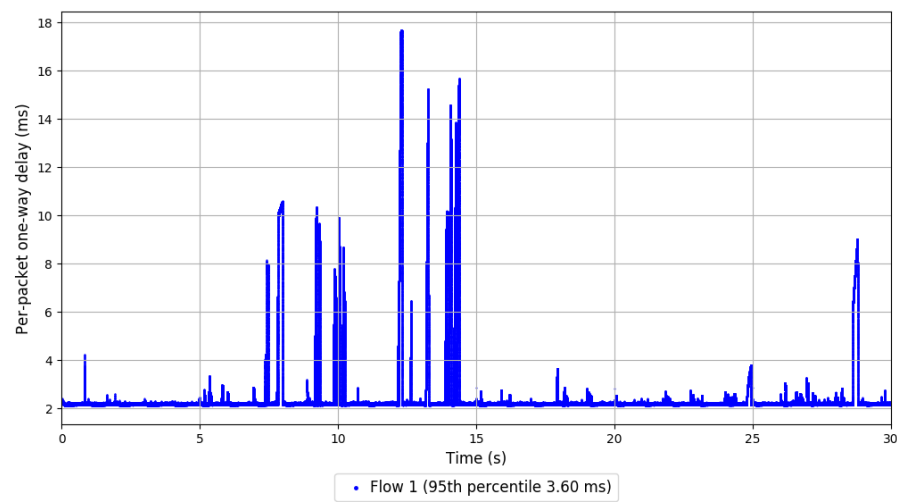
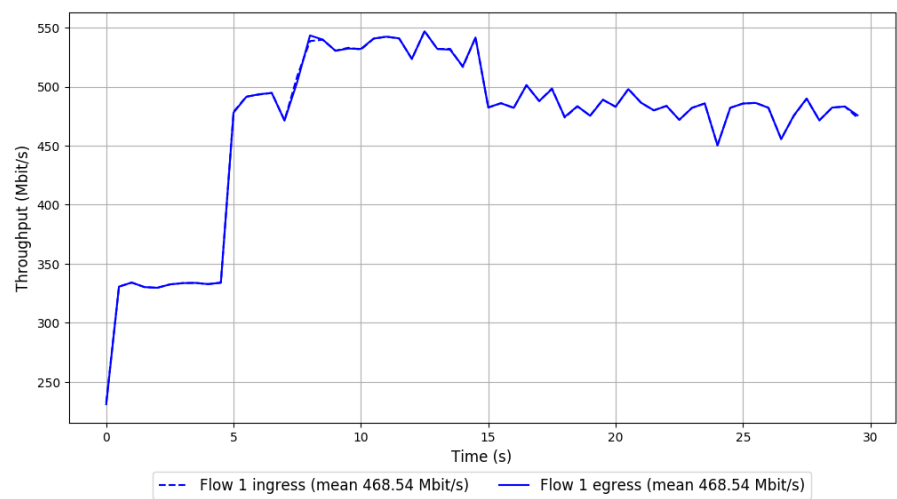


Run 7: Statistics of LEDBAT

Start at: 2017-09-18 02:49:11
End at: 2017-09-18 02:49:41
Local clock offset: -4.515 ms
Remote clock offset: -0.091 ms

Below is generated by plot.py at 2017-09-18 07:02:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 468.54 Mbit/s
95th percentile per-packet one-way delay: 3.596 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 468.54 Mbit/s
95th percentile per-packet one-way delay: 3.596 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

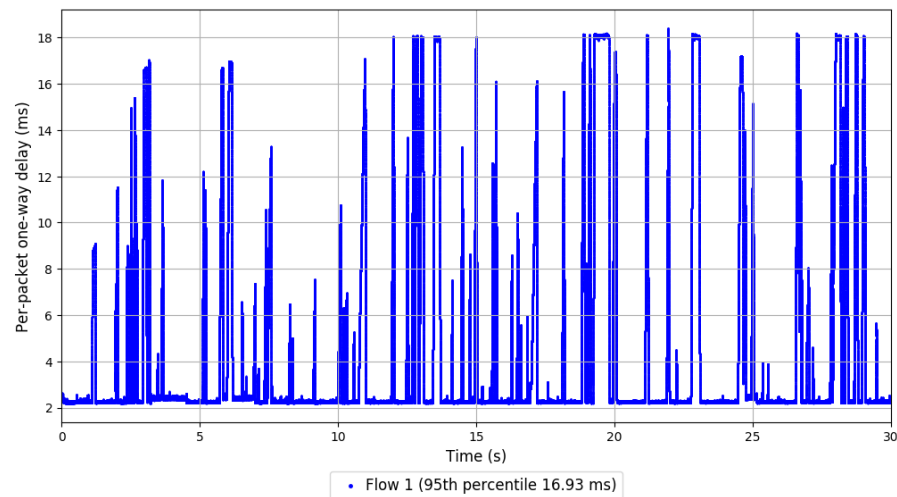
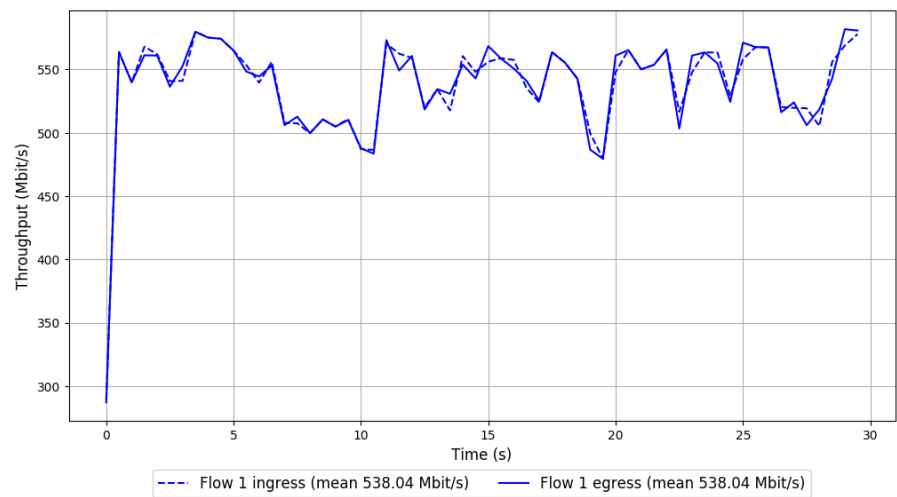


Run 8: Statistics of LEDBAT

Start at: 2017-09-18 03:08:44
End at: 2017-09-18 03:09:14
Local clock offset: -4.147 ms
Remote clock offset: -0.031 ms

Below is generated by plot.py at 2017-09-18 07:04:04
Datalink statistics
-- Total of 1 flow:
Average throughput: 538.04 Mbit/s
95th percentile per-packet one-way delay: 16.933 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 538.04 Mbit/s
95th percentile per-packet one-way delay: 16.933 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

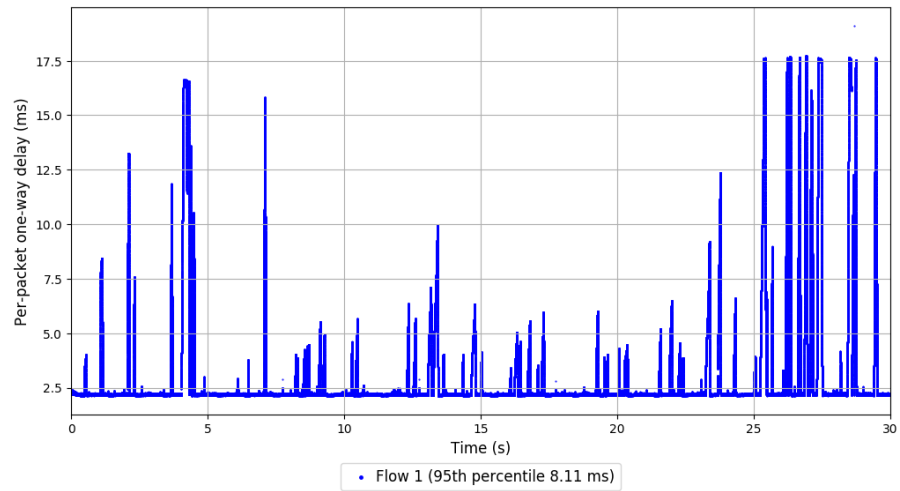
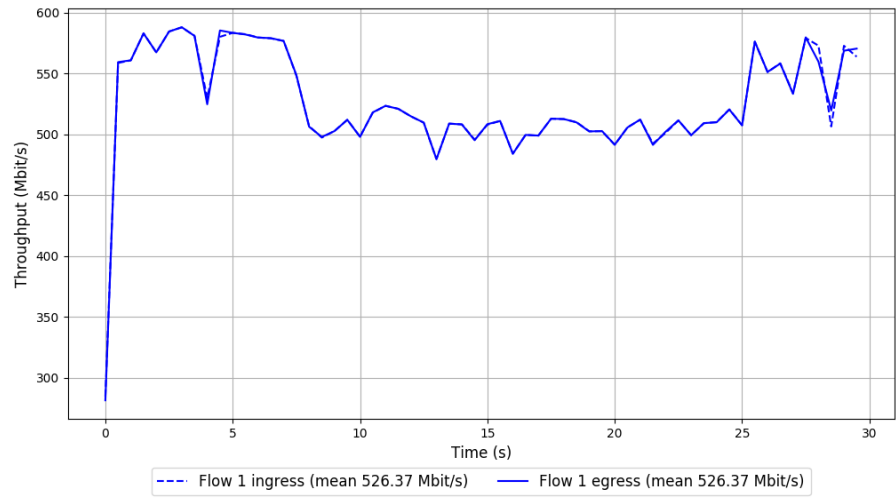


Run 9: Statistics of LEDBAT

Start at: 2017-09-18 03:28:44
End at: 2017-09-18 03:29:14
Local clock offset: -3.881 ms
Remote clock offset: -0.105 ms

Below is generated by plot.py at 2017-09-18 07:05:49
Datalink statistics
-- Total of 1 flow:
Average throughput: 526.37 Mbit/s
95th percentile per-packet one-way delay: 8.106 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 526.37 Mbit/s
95th percentile per-packet one-way delay: 8.106 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

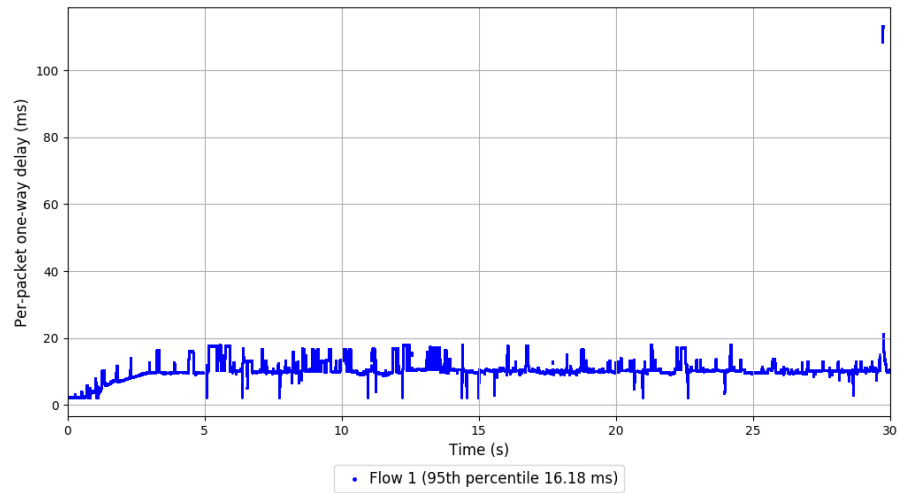
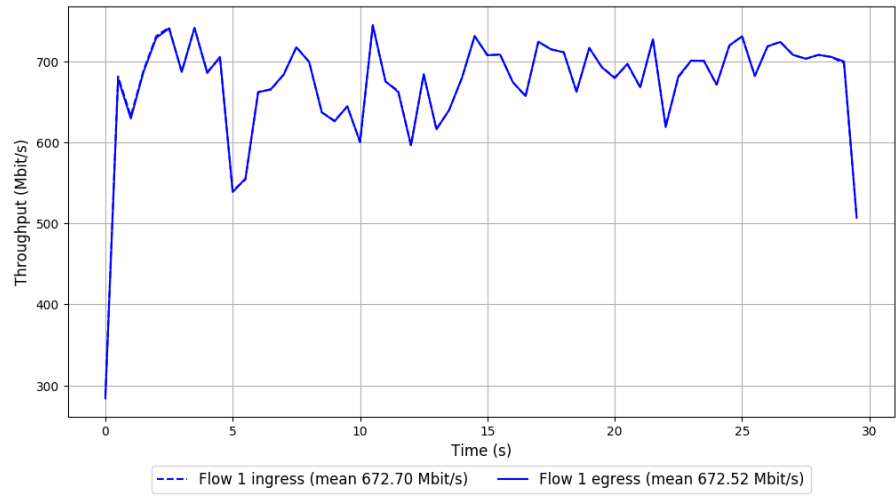


Run 10: Statistics of LEDBAT

Start at: 2017-09-18 03:47:53
End at: 2017-09-18 03:48:23
Local clock offset: -3.728 ms
Remote clock offset: -0.074 ms

Below is generated by plot.py at 2017-09-18 07:08:46
Datalink statistics
-- Total of 1 flow:
Average throughput: 672.52 Mbit/s
95th percentile per-packet one-way delay: 16.179 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 672.52 Mbit/s
95th percentile per-packet one-way delay: 16.179 ms
Loss rate: 0.03%

Run 10: Report of LEDBAT — Data Link

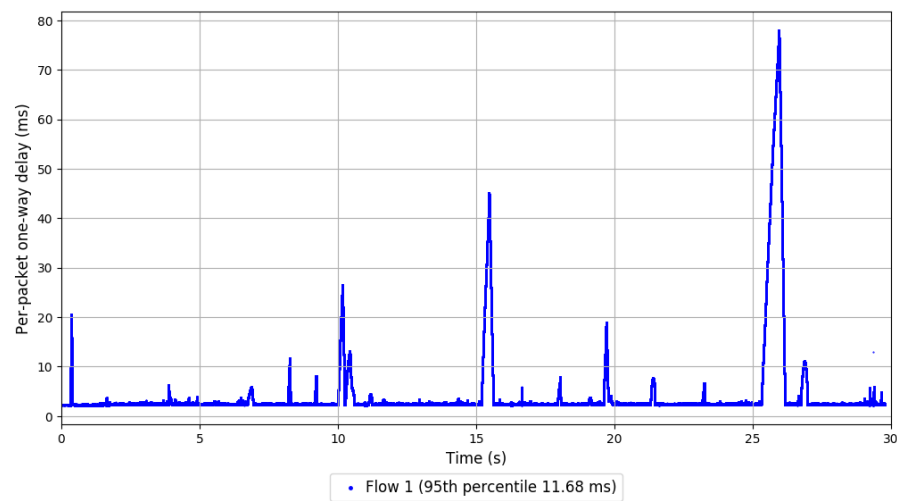
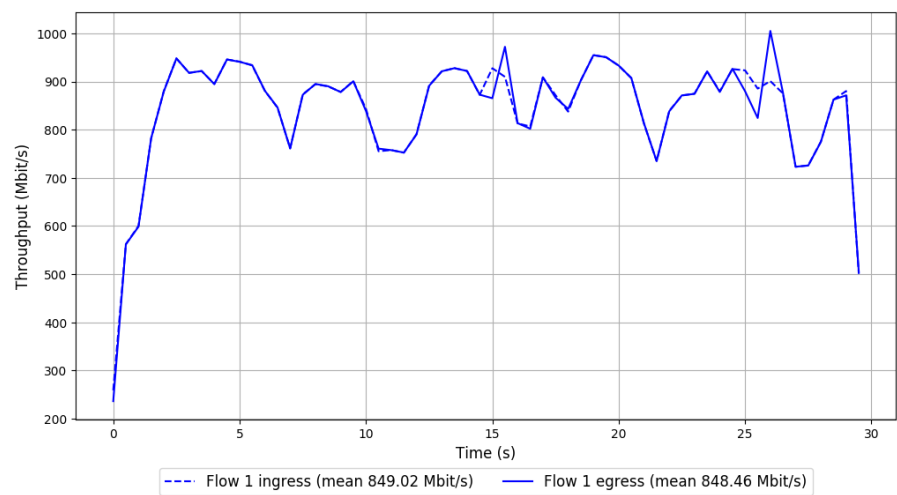


```
Run 1: Statistics of PCC

Start at: 2017-09-18 00:42:21
End at: 2017-09-18 00:42:51
Local clock offset: -4.536 ms
Remote clock offset: 0.02 ms

# Below is generated by plot.py at 2017-09-18 07:13:13
# Datalink statistics
-- Total of 1 flow:
Average throughput: 848.46 Mbit/s
95th percentile per-packet one-way delay: 11.680 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 848.46 Mbit/s
95th percentile per-packet one-way delay: 11.680 ms
Loss rate: 0.07%
```

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2017-09-18 01:01:56

End at: 2017-09-18 01:02:26

Local clock offset: -4.44 ms

Remote clock offset: 0.004 ms

Below is generated by plot.py at 2017-09-18 07:14:17

Datalink statistics

-- Total of 1 flow:

Average throughput: 881.36 Mbit/s

95th percentile per-packet one-way delay: 53.142 ms

Loss rate: 0.39%

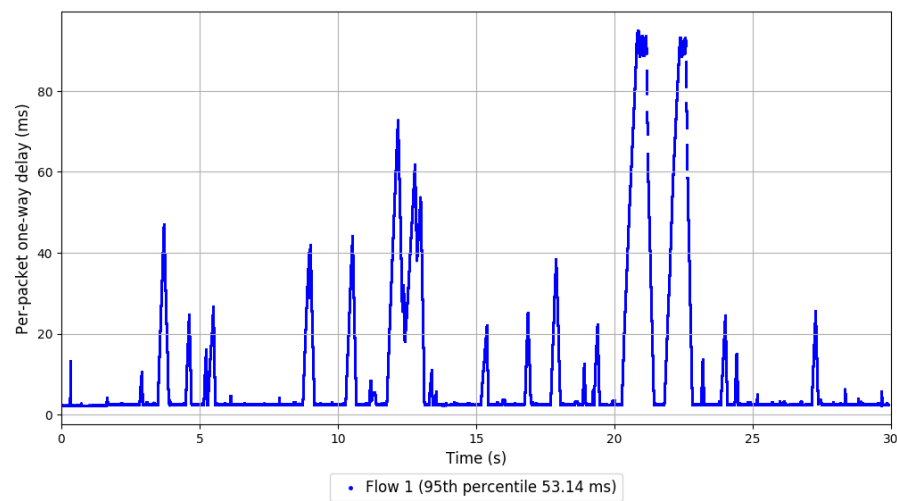
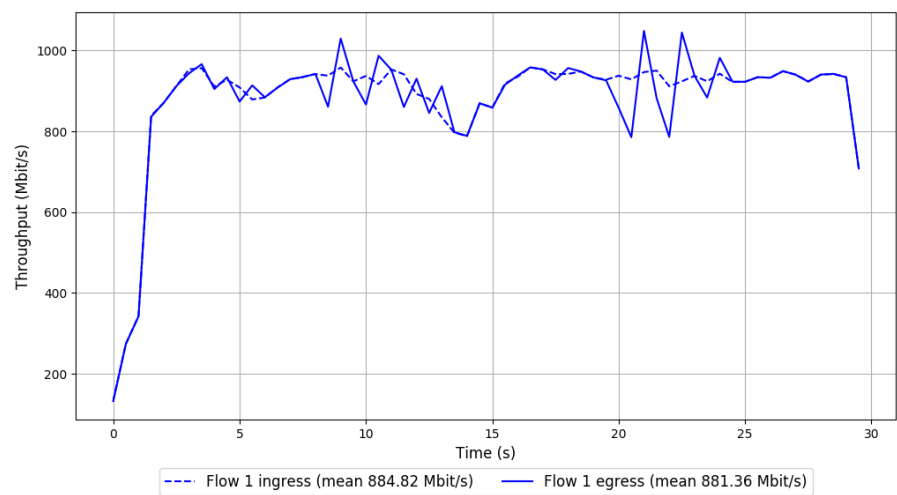
-- Flow 1:

Average throughput: 881.36 Mbit/s

95th percentile per-packet one-way delay: 53.142 ms

Loss rate: 0.39%

Run 2: Report of PCC — Data Link

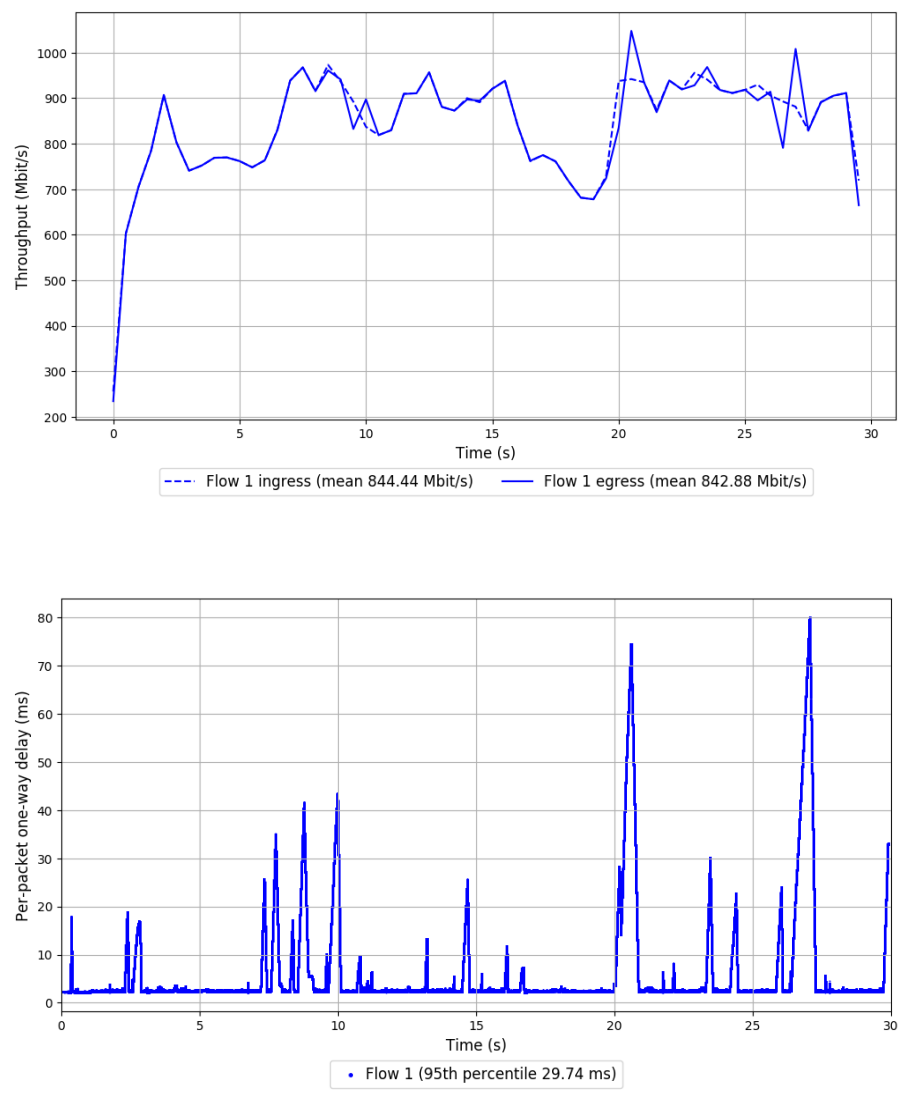


Run 3: Statistics of PCC

Start at: 2017-09-18 01:21:35
End at: 2017-09-18 01:22:05
Local clock offset: -4.62 ms
Remote clock offset: -0.115 ms

Below is generated by plot.py at 2017-09-18 07:14:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 842.88 Mbit/s
95th percentile per-packet one-way delay: 29.742 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 842.88 Mbit/s
95th percentile per-packet one-way delay: 29.742 ms
Loss rate: 0.18%

Run 3: Report of PCC — Data Link

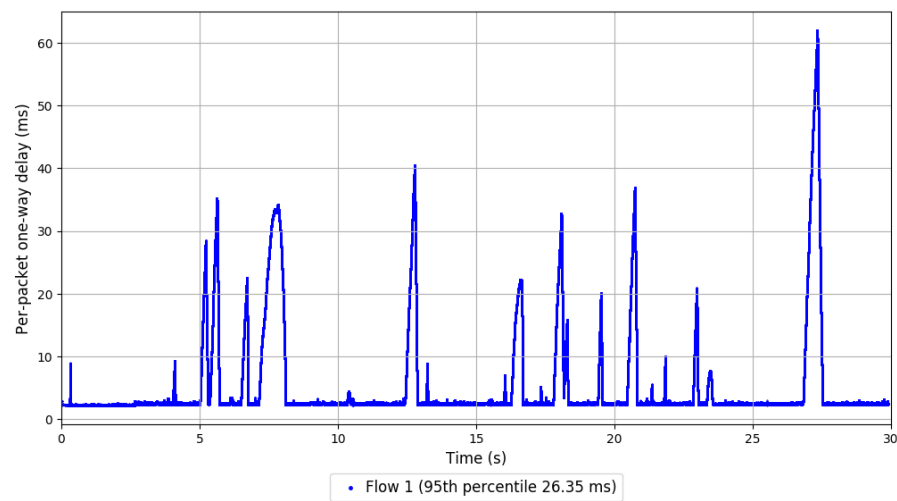
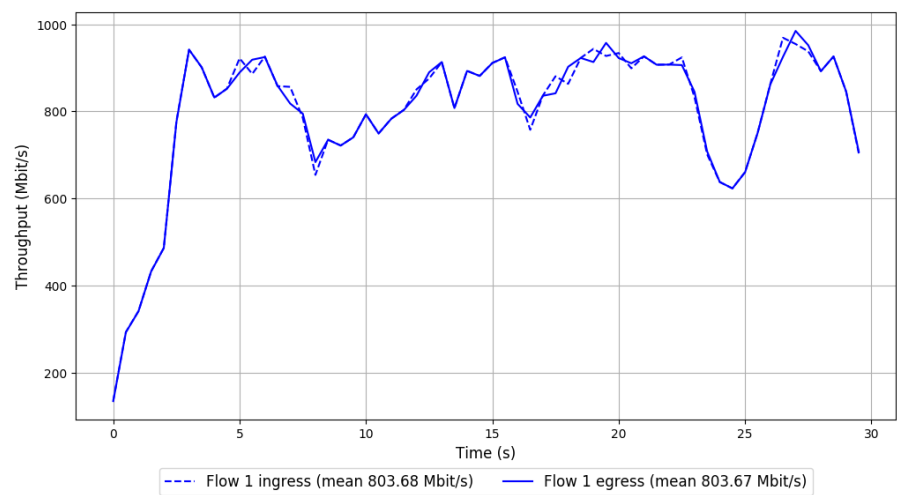


Run 4: Statistics of PCC

Start at: 2017-09-18 01:41:15
End at: 2017-09-18 01:41:45
Local clock offset: -4.488 ms
Remote clock offset: -0.127 ms

Below is generated by plot.py at 2017-09-18 07:14:17
Datalink statistics
-- Total of 1 flow:
Average throughput: 803.67 Mbit/s
95th percentile per-packet one-way delay: 26.346 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 803.67 Mbit/s
95th percentile per-packet one-way delay: 26.346 ms
Loss rate: 0.00%

Run 4: Report of PCC — Data Link

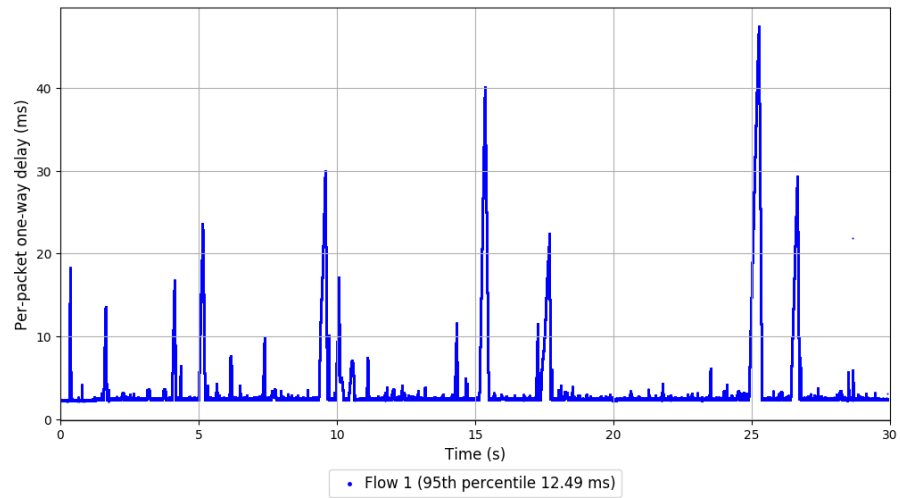
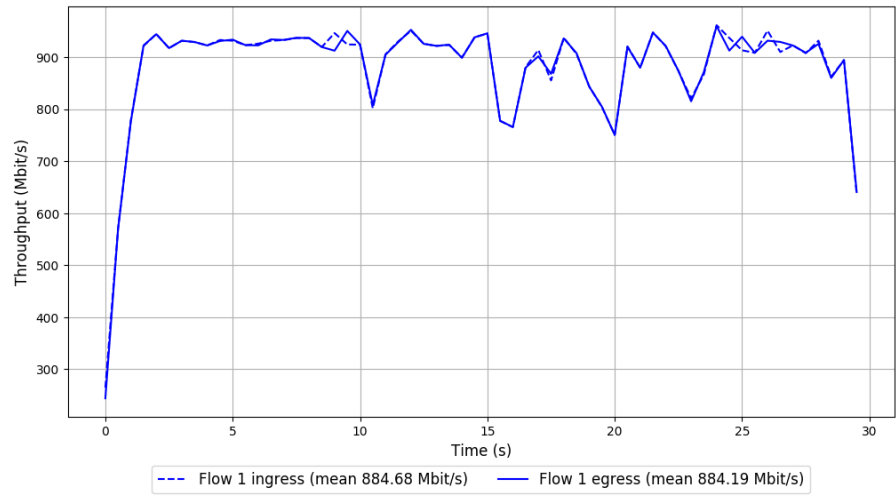


Run 5: Statistics of PCC

Start at: 2017-09-18 02:00:59
End at: 2017-09-18 02:01:29
Local clock offset: -4.606 ms
Remote clock offset: -0.083 ms

Below is generated by plot.py at 2017-09-18 07:14:53
Datalink statistics
-- Total of 1 flow:
Average throughput: 884.19 Mbit/s
95th percentile per-packet one-way delay: 12.486 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 884.19 Mbit/s
95th percentile per-packet one-way delay: 12.486 ms
Loss rate: 0.05%

Run 5: Report of PCC — Data Link

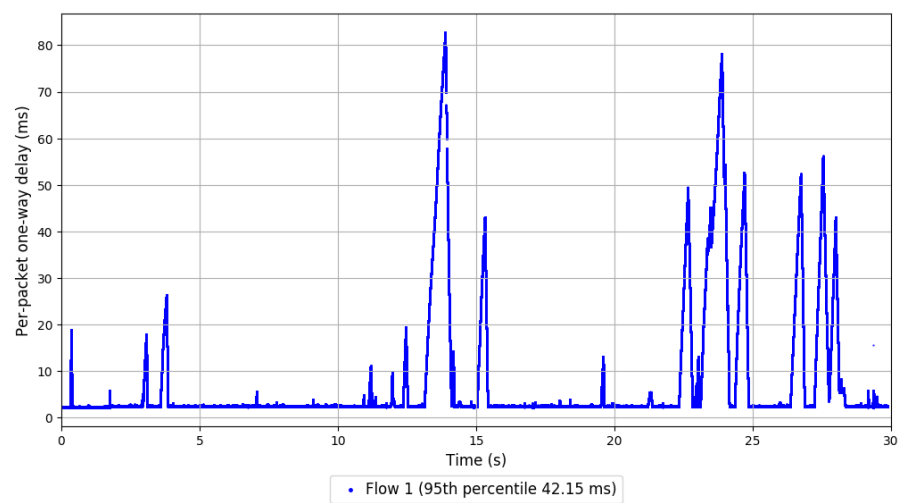
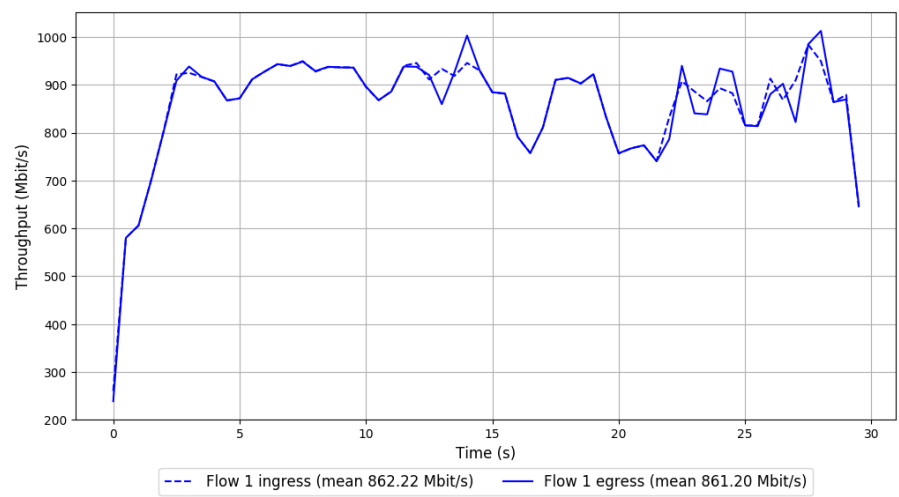


Run 6: Statistics of PCC

Start at: 2017-09-18 02:20:41
End at: 2017-09-18 02:21:11
Local clock offset: -4.624 ms
Remote clock offset: -0.072 ms

Below is generated by plot.py at 2017-09-18 07:17:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 861.20 Mbit/s
95th percentile per-packet one-way delay: 42.152 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 861.20 Mbit/s
95th percentile per-packet one-way delay: 42.152 ms
Loss rate: 0.12%

Run 6: Report of PCC — Data Link

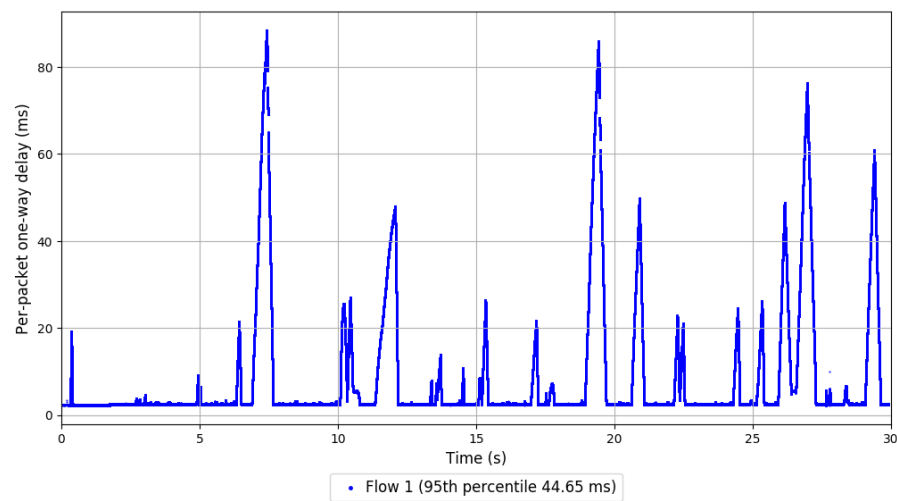
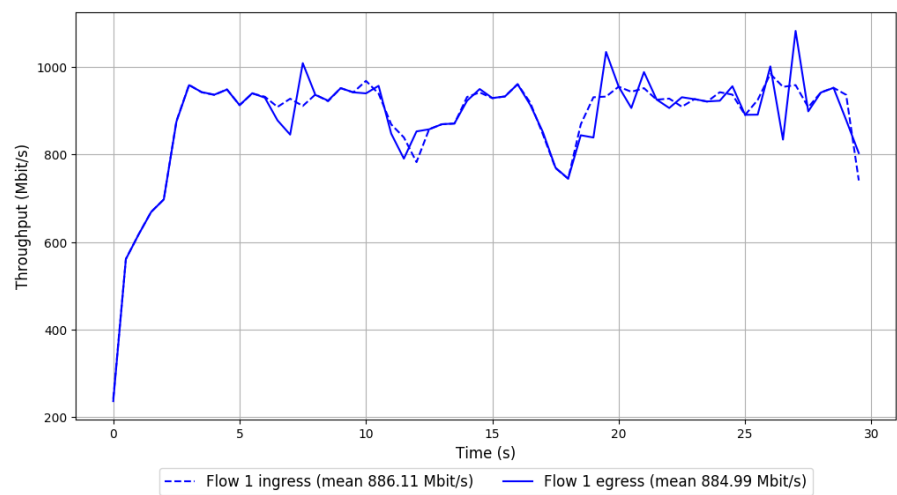


Run 7: Statistics of PCC

Start at: 2017-09-18 02:40:30
End at: 2017-09-18 02:41:00
Local clock offset: -4.733 ms
Remote clock offset: -0.035 ms

Below is generated by plot.py at 2017-09-18 07:19:20
Datalink statistics
-- Total of 1 flow:
Average throughput: 884.99 Mbit/s
95th percentile per-packet one-way delay: 44.654 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 884.99 Mbit/s
95th percentile per-packet one-way delay: 44.654 ms
Loss rate: 0.13%

Run 7: Report of PCC — Data Link

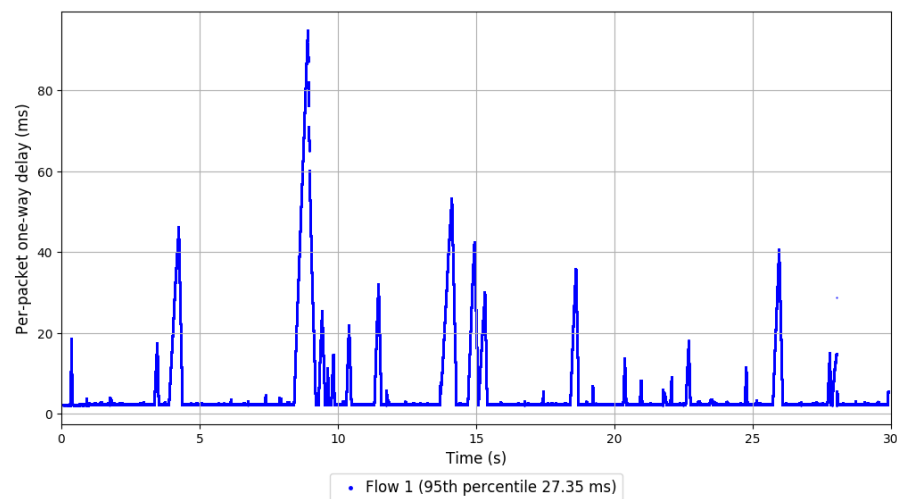
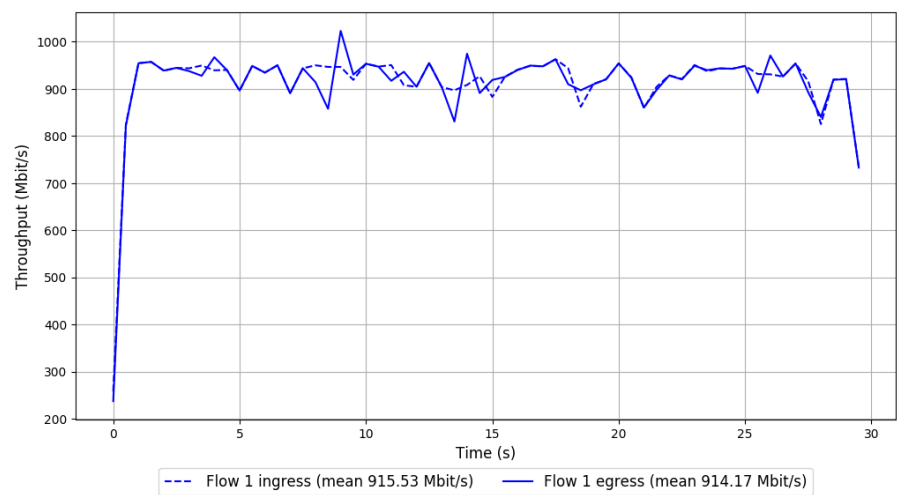


Run 8: Statistics of PCC

Start at: 2017-09-18 03:00:10
End at: 2017-09-18 03:00:40
Local clock offset: -4.289 ms
Remote clock offset: -0.094 ms

Below is generated by plot.py at 2017-09-18 07:23:35
Datalink statistics
-- Total of 1 flow:
Average throughput: 914.17 Mbit/s
95th percentile per-packet one-way delay: 27.349 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 914.17 Mbit/s
95th percentile per-packet one-way delay: 27.349 ms
Loss rate: 0.15%

Run 8: Report of PCC — Data Link

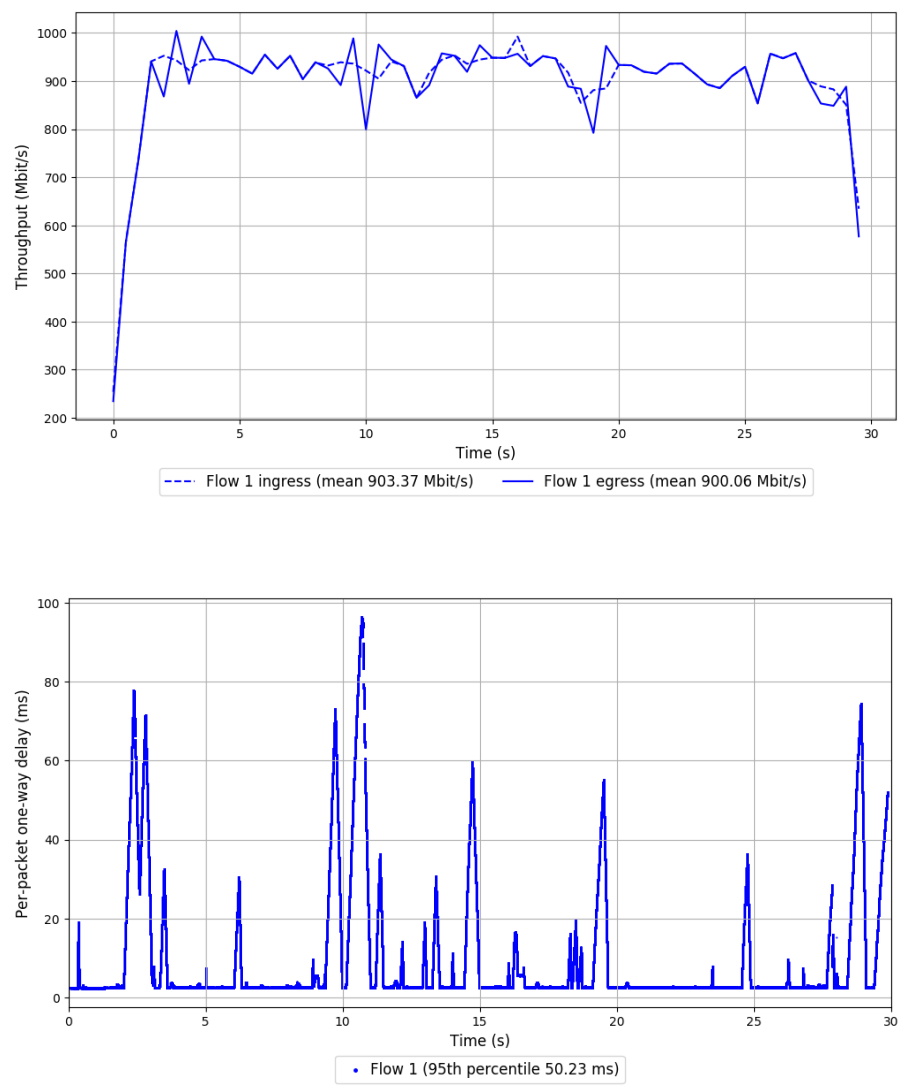


Run 9: Statistics of PCC

Start at: 2017-09-18 03:20:04
End at: 2017-09-18 03:20:34
Local clock offset: -4.05 ms
Remote clock offset: -0.044 ms

Below is generated by plot.py at 2017-09-18 07:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 900.06 Mbit/s
95th percentile per-packet one-way delay: 50.226 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 900.06 Mbit/s
95th percentile per-packet one-way delay: 50.226 ms
Loss rate: 0.37%

Run 9: Report of PCC — Data Link

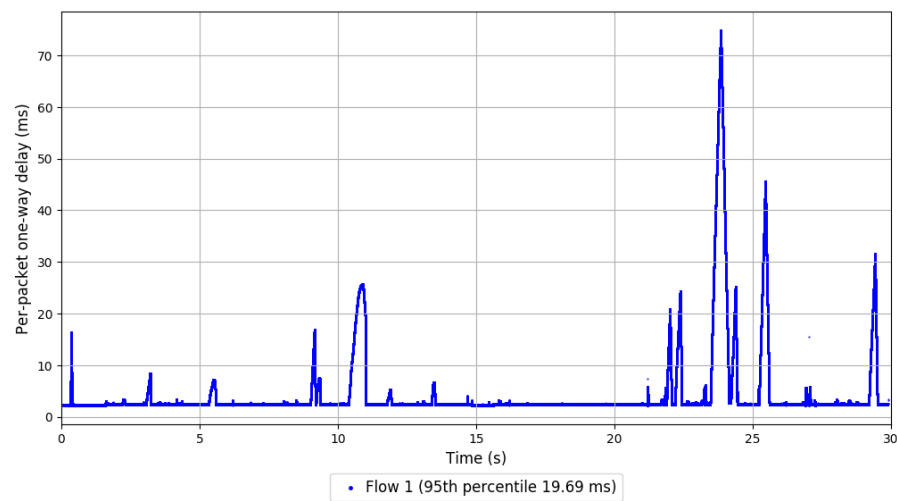
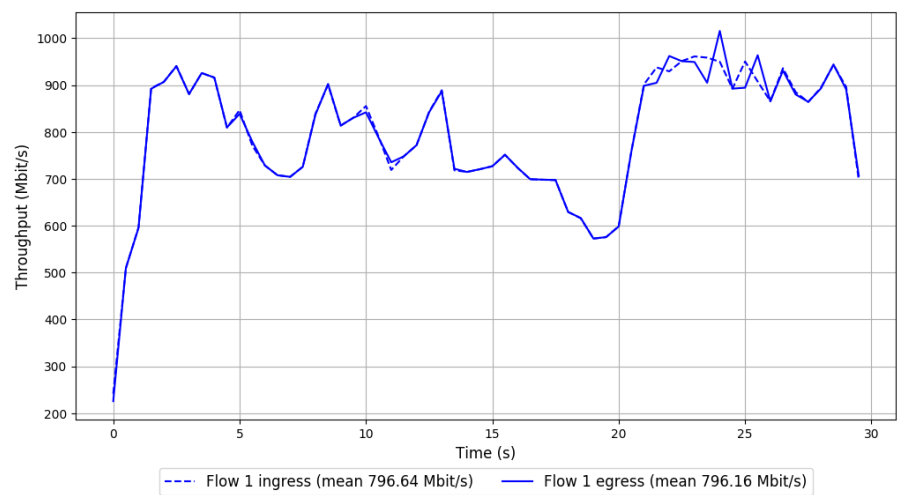


Run 10: Statistics of PCC

Start at: 2017-09-18 03:39:06
End at: 2017-09-18 03:39:36
Local clock offset: -3.767 ms
Remote clock offset: -0.033 ms

Below is generated by plot.py at 2017-09-18 07:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 796.16 Mbit/s
95th percentile per-packet one-way delay: 19.691 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 796.16 Mbit/s
95th percentile per-packet one-way delay: 19.691 ms
Loss rate: 0.06%

Run 10: Report of PCC — Data Link



Run 1: Statistics of QUIC Cubic

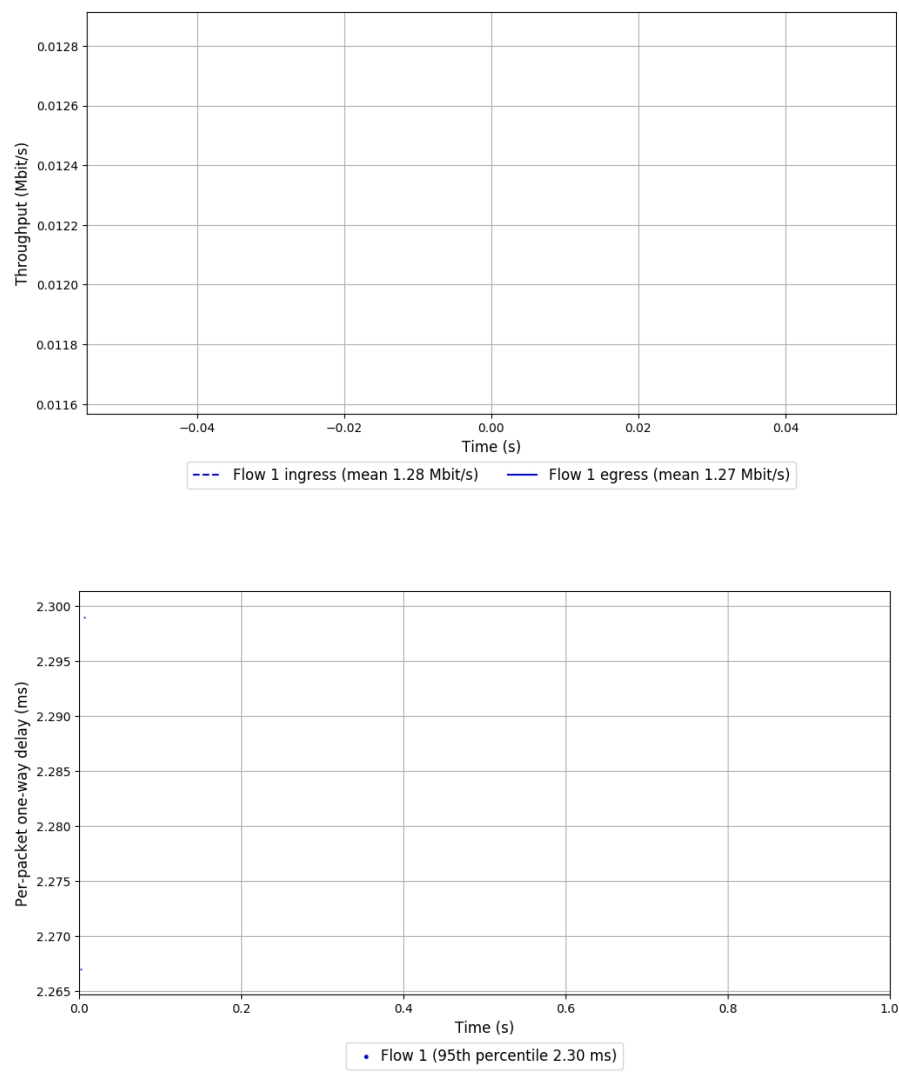
Start at: 2017-09-18 00:49:36

End at: 2017-09-18 00:50:06

Local clock offset: -4.437 ms

Remote clock offset: 0.037 ms

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

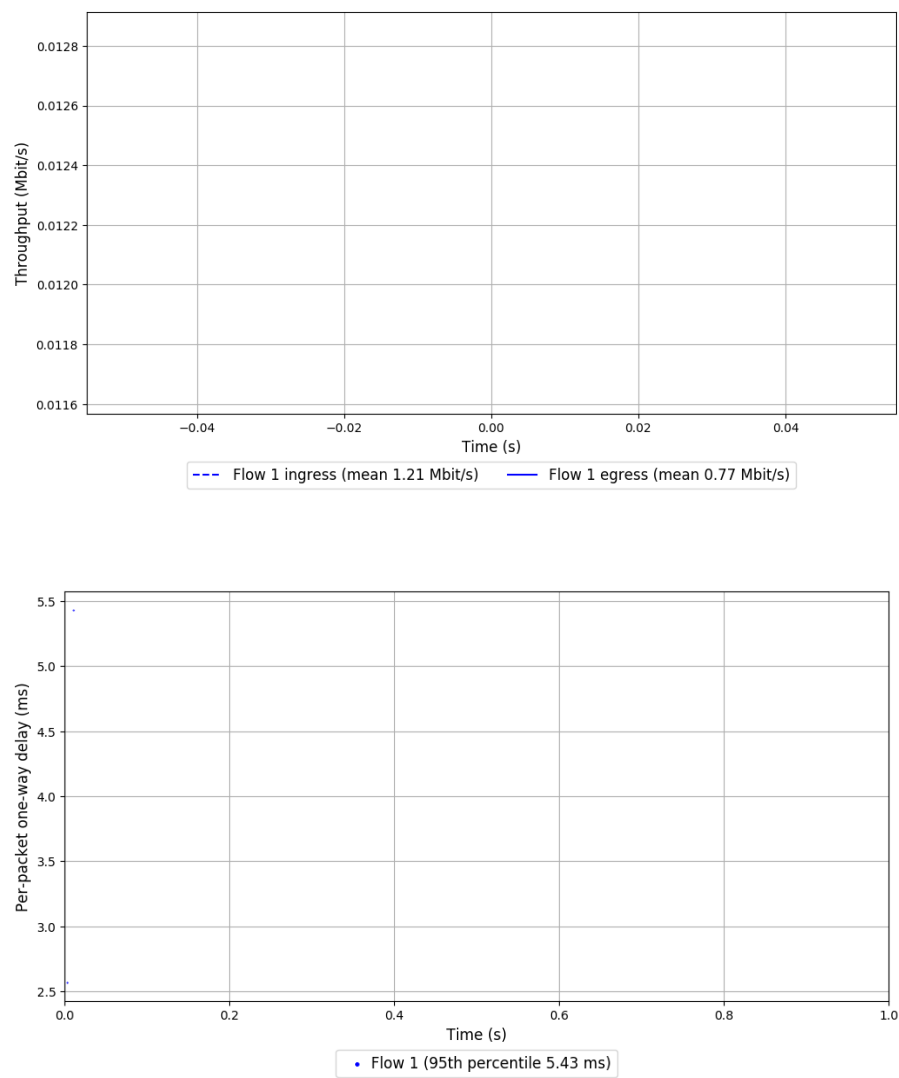
Start at: 2017-09-18 01:09:30

End at: 2017-09-18 01:10:00

Local clock offset: -4.561 ms

Remote clock offset: -0.011 ms

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

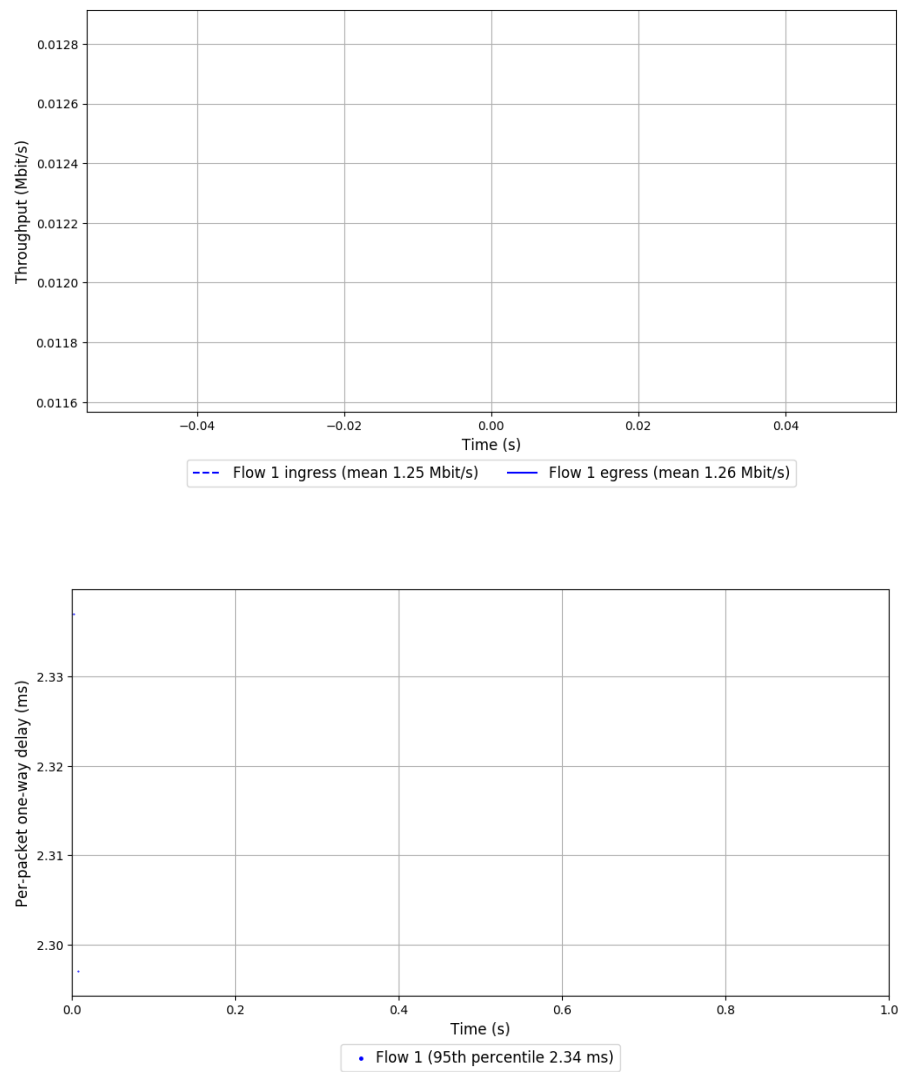
Start at: 2017-09-18 01:29:05

End at: 2017-09-18 01:29:35

Local clock offset: -4.483 ms

Remote clock offset: -0.01 ms

Run 3: Report of QUIC Cubic — Data Link

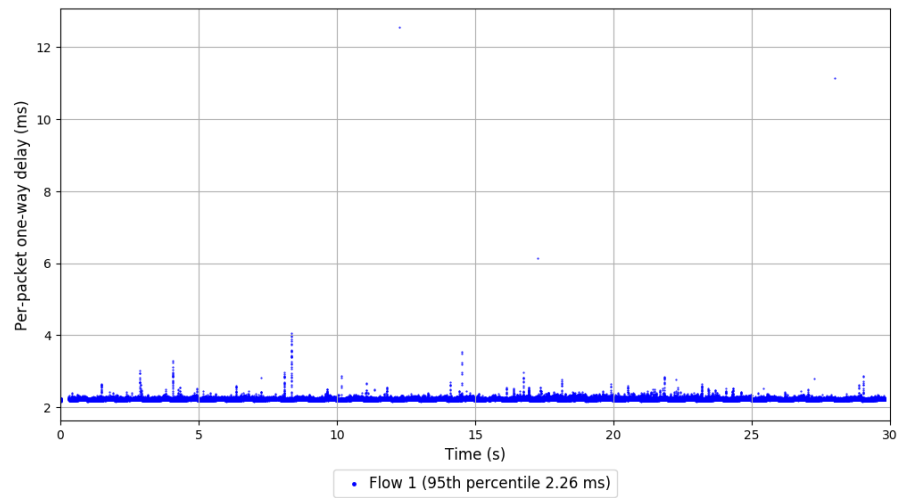
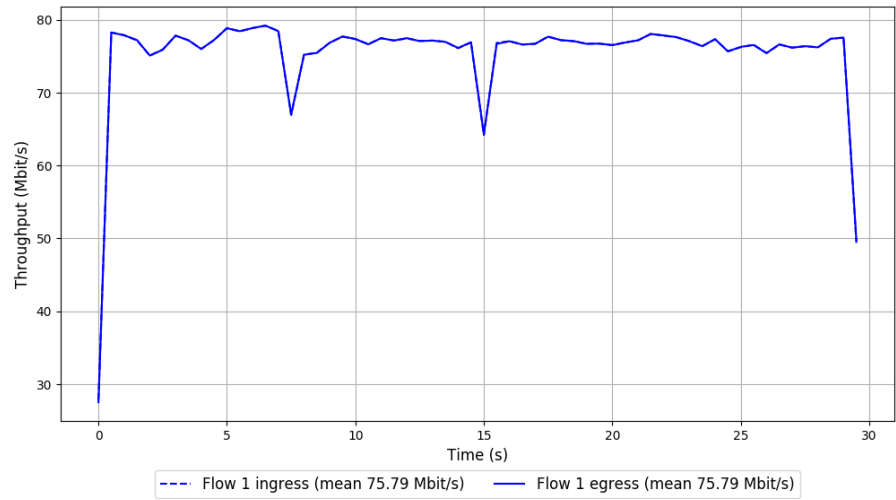


Run 4: Statistics of QUIC Cubic

Start at: 2017-09-18 01:48:47
End at: 2017-09-18 01:49:17
Local clock offset: -4.497 ms
Remote clock offset: -0.066 ms

Below is generated by plot.py at 2017-09-18 07:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 75.79 Mbit/s
95th percentile per-packet one-way delay: 2.262 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 75.79 Mbit/s
95th percentile per-packet one-way delay: 2.262 ms
Loss rate: 0.00%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2017-09-18 02:08:23

End at: 2017-09-18 02:08:53

Local clock offset: -4.551 ms

Remote clock offset: -0.06 ms

Below is generated by plot.py at 2017-09-18 07:27:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.75 Mbit/s

95th percentile per-packet one-way delay: 2.239 ms

Loss rate: 0.00%

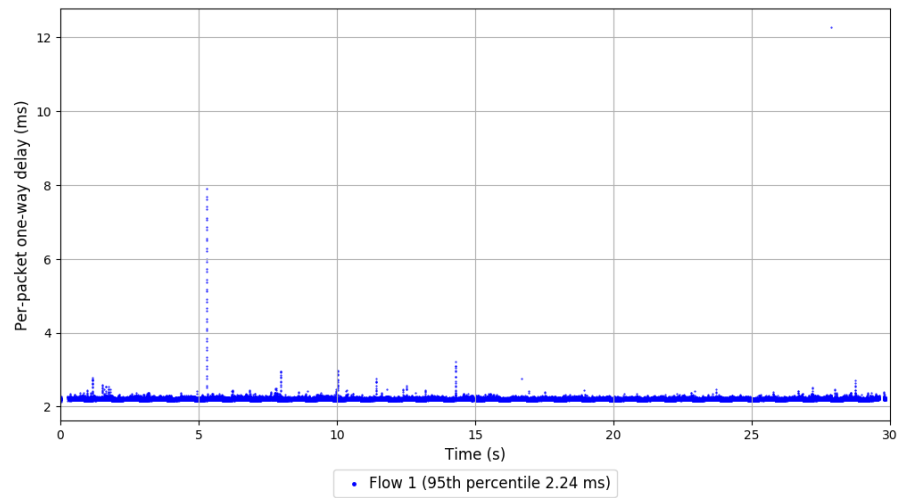
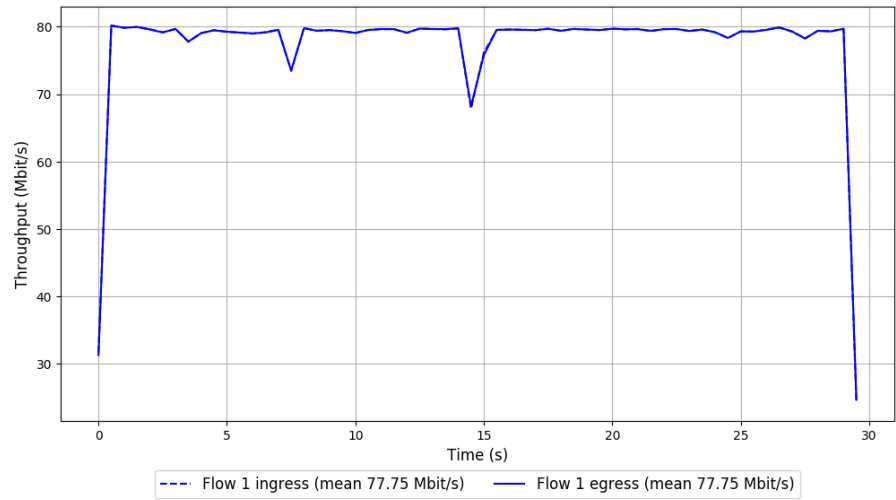
-- Flow 1:

Average throughput: 77.75 Mbit/s

95th percentile per-packet one-way delay: 2.239 ms

Loss rate: 0.00%

Run 5: Report of QUIC Cubic — Data Link

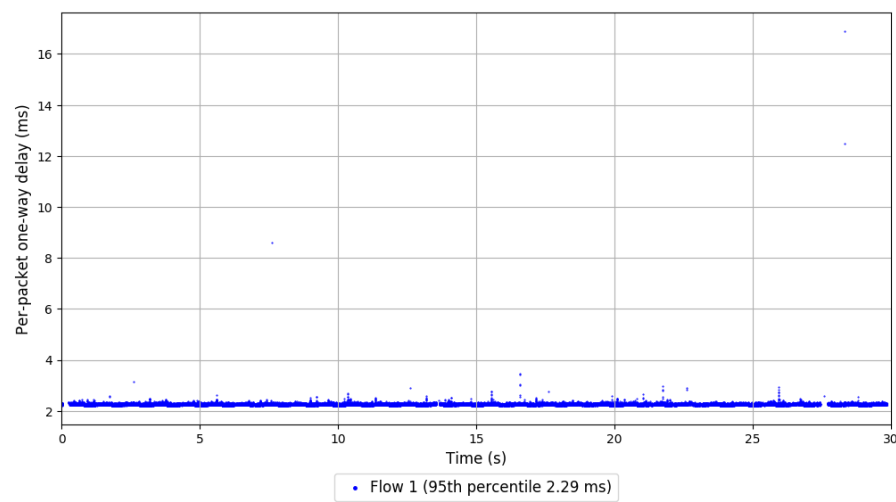
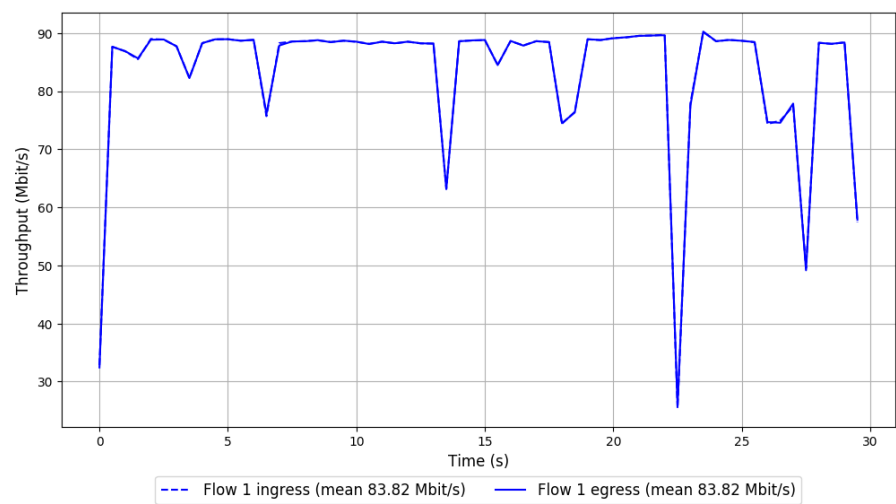


Run 6: Statistics of QUIC Cubic

Start at: 2017-09-18 02:28:21
End at: 2017-09-18 02:28:51
Local clock offset: -4.752 ms
Remote clock offset: -0.046 ms

Below is generated by plot.py at 2017-09-18 07:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 83.82 Mbit/s
95th percentile per-packet one-way delay: 2.285 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 83.82 Mbit/s
95th percentile per-packet one-way delay: 2.285 ms
Loss rate: 0.00%

Run 6: Report of QUIC Cubic — Data Link

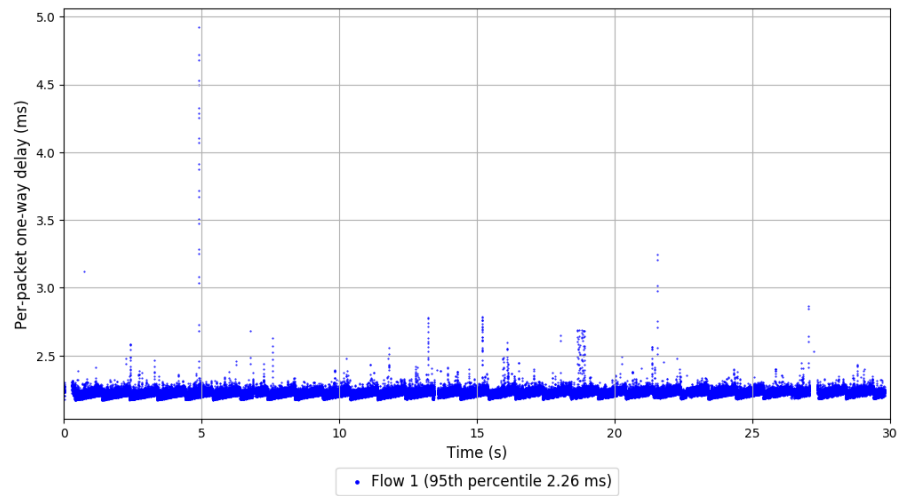
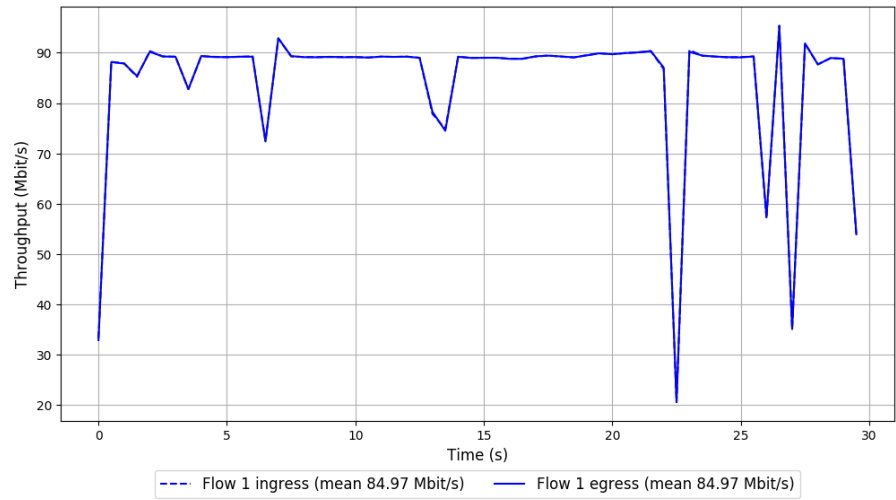


Run 7: Statistics of QUIC Cubic

Start at: 2017-09-18 02:48:04
End at: 2017-09-18 02:48:34
Local clock offset: -4.568 ms
Remote clock offset: -0.046 ms

Below is generated by plot.py at 2017-09-18 07:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 84.97 Mbit/s
95th percentile per-packet one-way delay: 2.259 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.97 Mbit/s
95th percentile per-packet one-way delay: 2.259 ms
Loss rate: 0.00%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2017-09-18 03:07:37

End at: 2017-09-18 03:08:07

Local clock offset: -4.162 ms

Remote clock offset: -0.092 ms

Below is generated by plot.py at 2017-09-18 07:27:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 84.52 Mbit/s

95th percentile per-packet one-way delay: 2.175 ms

Loss rate: 0.00%

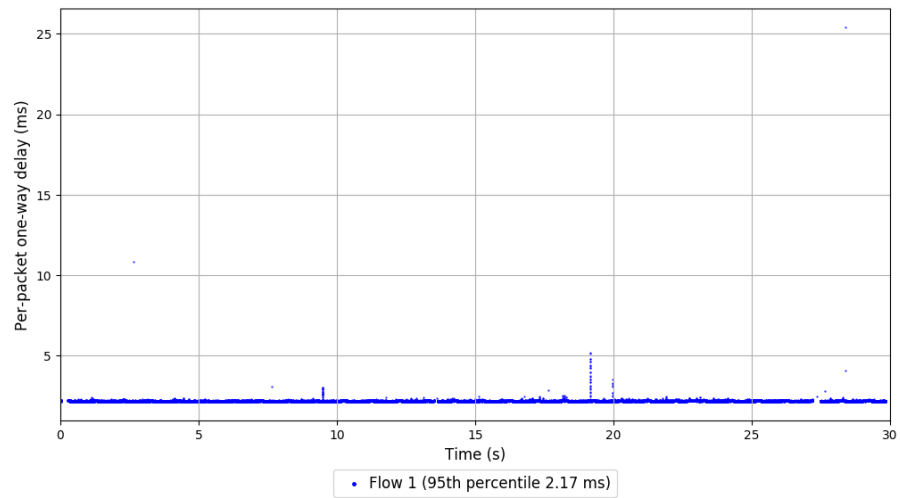
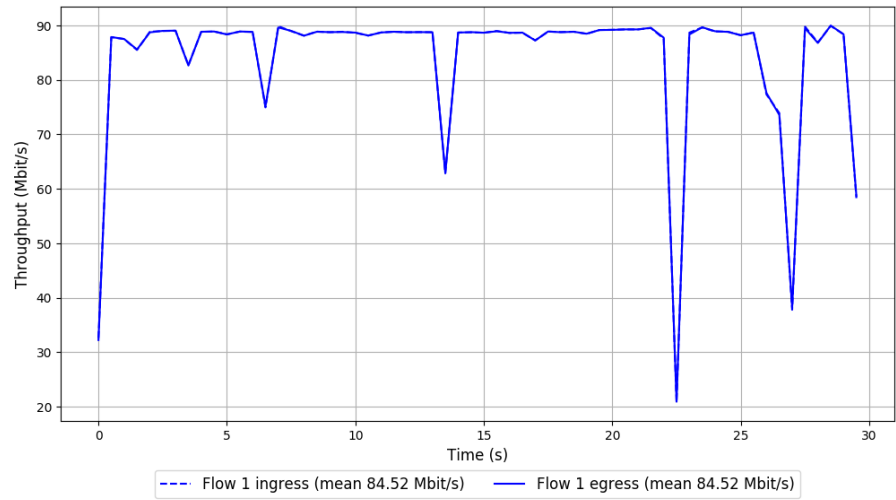
-- Flow 1:

Average throughput: 84.52 Mbit/s

95th percentile per-packet one-way delay: 2.175 ms

Loss rate: 0.00%

Run 8: Report of QUIC Cubic — Data Link



Run 9: Statistics of QUIC Cubic

Start at: 2017-09-18 03:27:37

End at: 2017-09-18 03:28:07

Local clock offset: -3.895 ms

Remote clock offset: -0.035 ms

Below is generated by plot.py at 2017-09-18 07:27:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 75.72 Mbit/s

95th percentile per-packet one-way delay: 2.271 ms

Loss rate: 0.00%

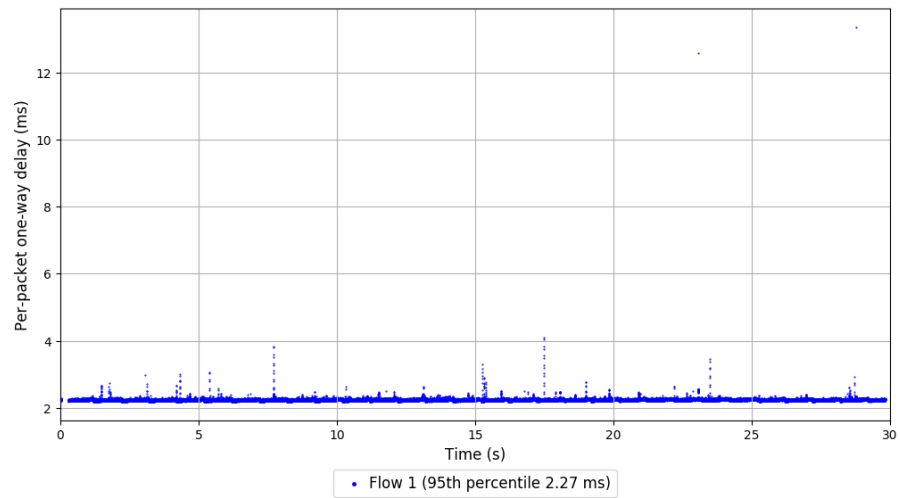
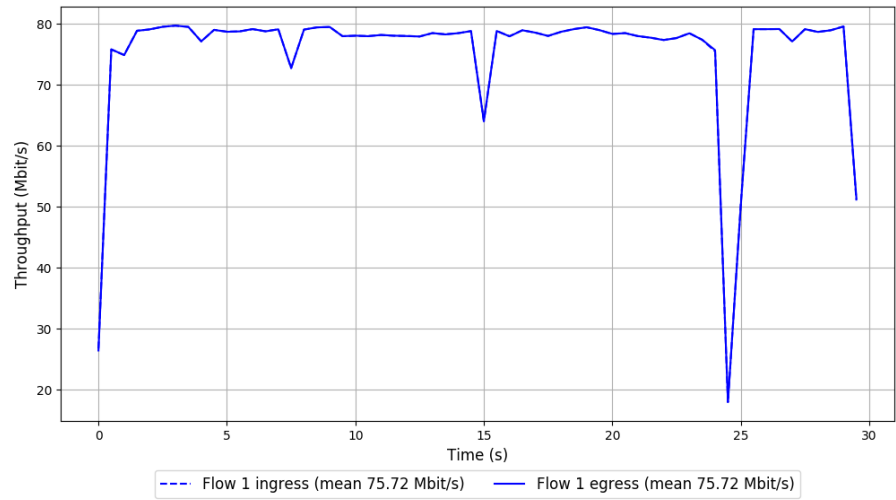
-- Flow 1:

Average throughput: 75.72 Mbit/s

95th percentile per-packet one-way delay: 2.271 ms

Loss rate: 0.00%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2017-09-18 03:46:46

End at: 2017-09-18 03:47:16

Local clock offset: -3.768 ms

Remote clock offset: -0.039 ms

Below is generated by plot.py at 2017-09-18 07:27:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 77.58 Mbit/s

95th percentile per-packet one-way delay: 2.292 ms

Loss rate: 0.00%

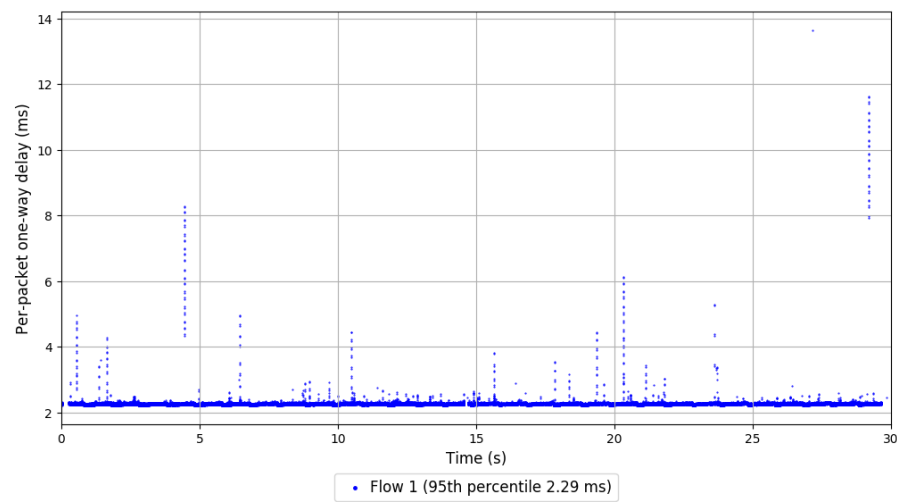
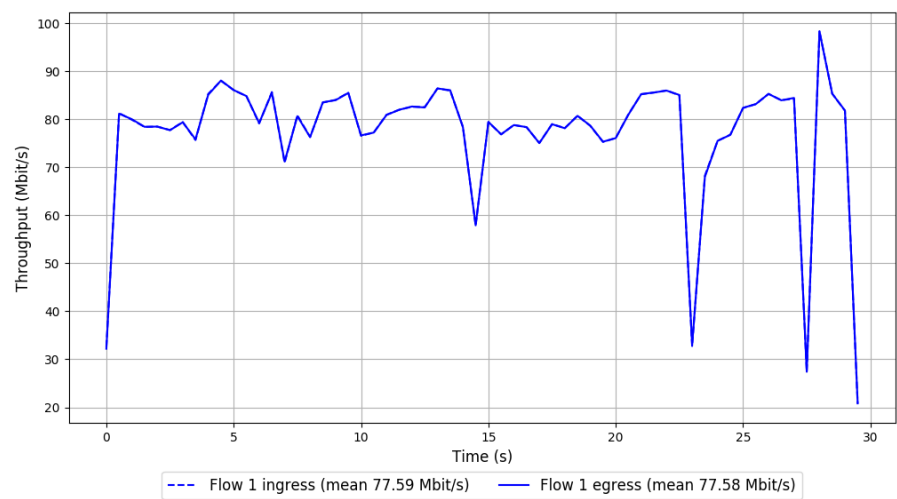
-- Flow 1:

Average throughput: 77.58 Mbit/s

95th percentile per-packet one-way delay: 2.292 ms

Loss rate: 0.00%

Run 10: Report of QUIC Cubic — Data Link

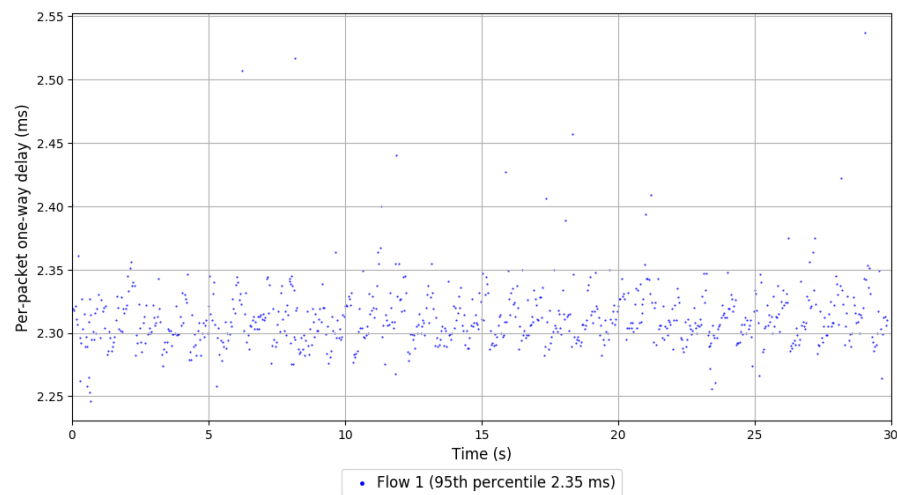
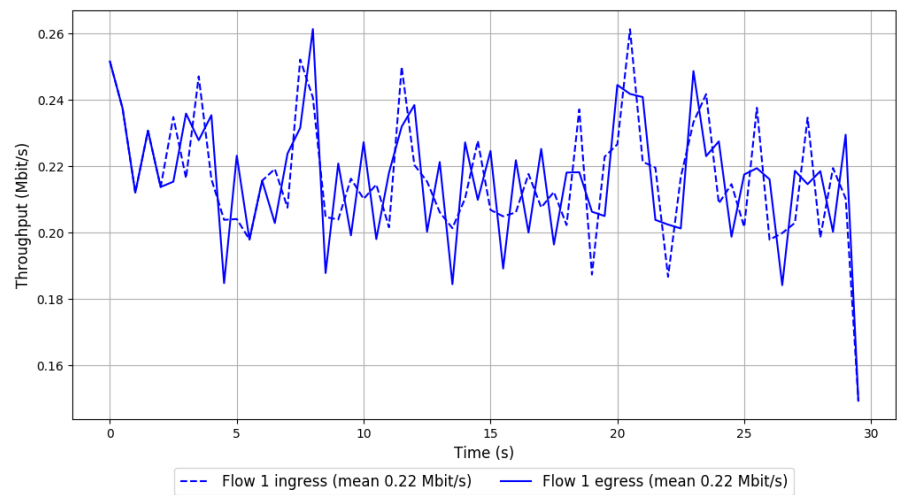


```
Run 1: Statistics of SCReAM

Start at: 2017-09-18 00:44:59
End at: 2017-09-18 00:45:29
Local clock offset: -4.519 ms
Remote clock offset: 0.045 ms

# Below is generated by plot.py at 2017-09-18 07:27:05
# Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.347 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.347 ms
Loss rate: 0.00%
```

Run 1: Report of SReAM — Data Link

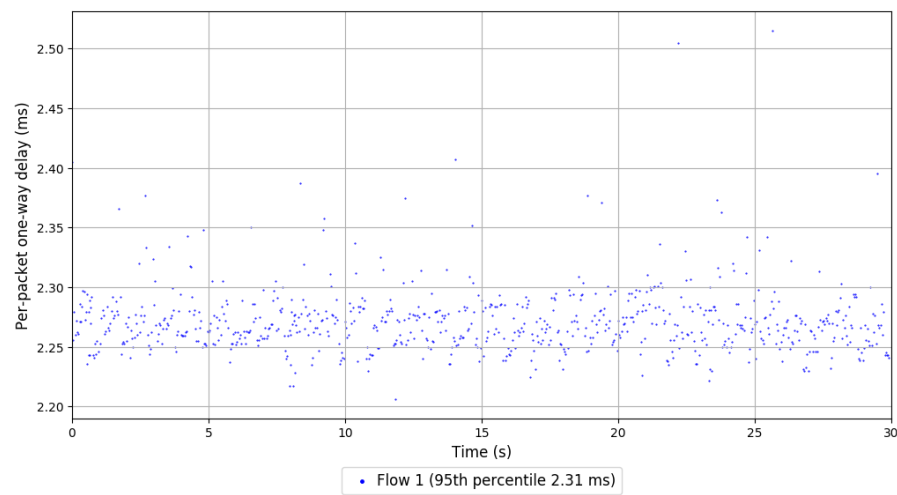
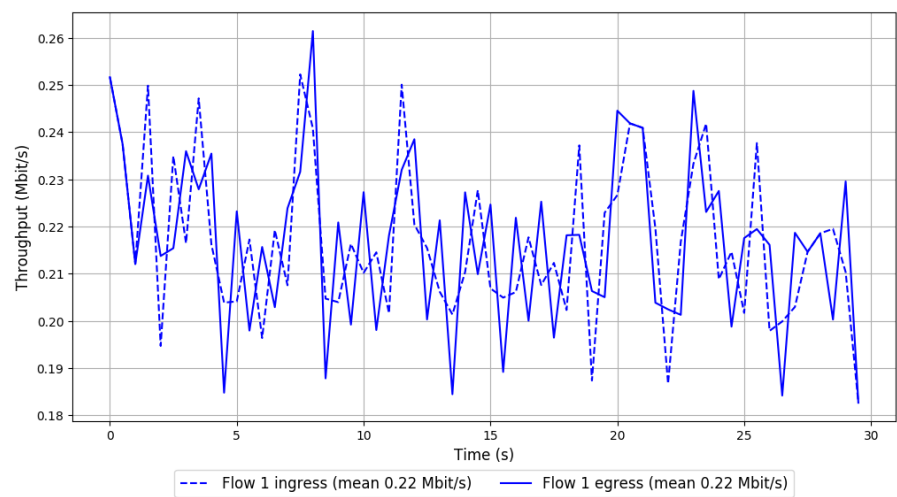


Run 2: Statistics of SCReAM

Start at: 2017-09-18 01:04:40
End at: 2017-09-18 01:05:10
Local clock offset: -4.418 ms
Remote clock offset: -0.008 ms

Below is generated by plot.py at 2017-09-18 07:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.314 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.314 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

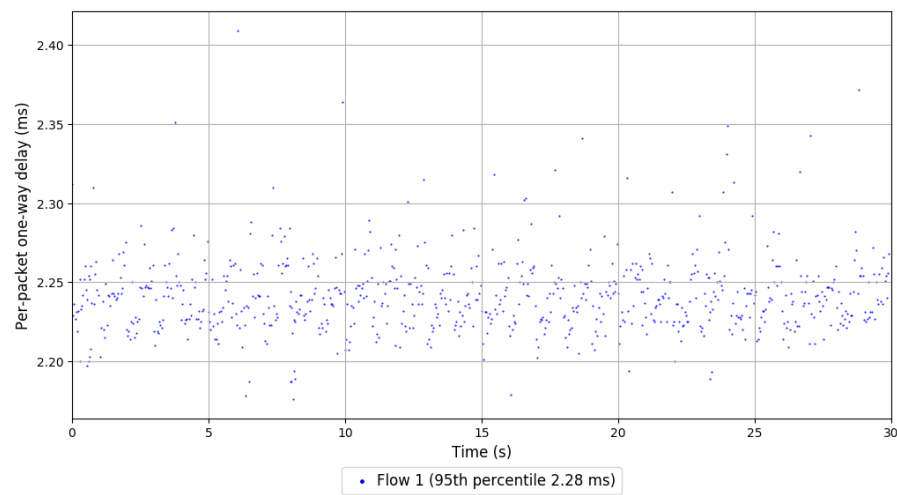
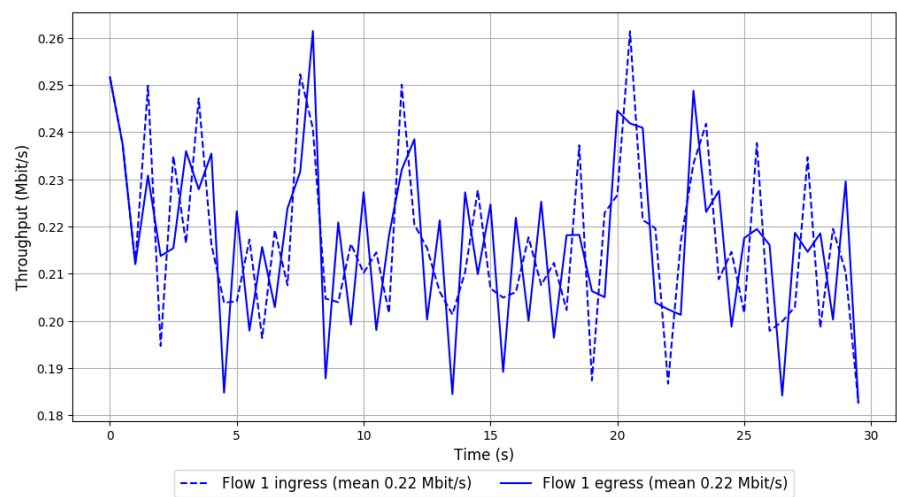


Run 3: Statistics of SCReAM

Start at: 2017-09-18 01:24:18
End at: 2017-09-18 01:24:48
Local clock offset: -4.542 ms
Remote clock offset: -0.086 ms

Below is generated by plot.py at 2017-09-18 07:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.281 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.281 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

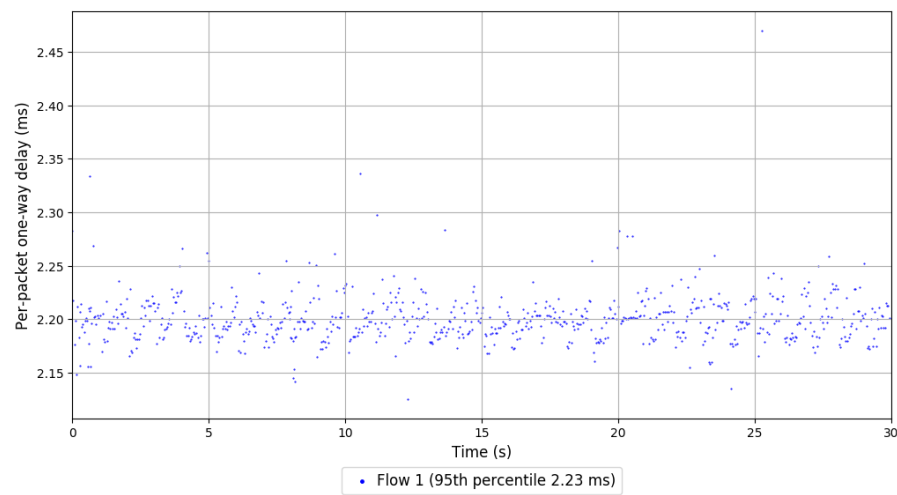
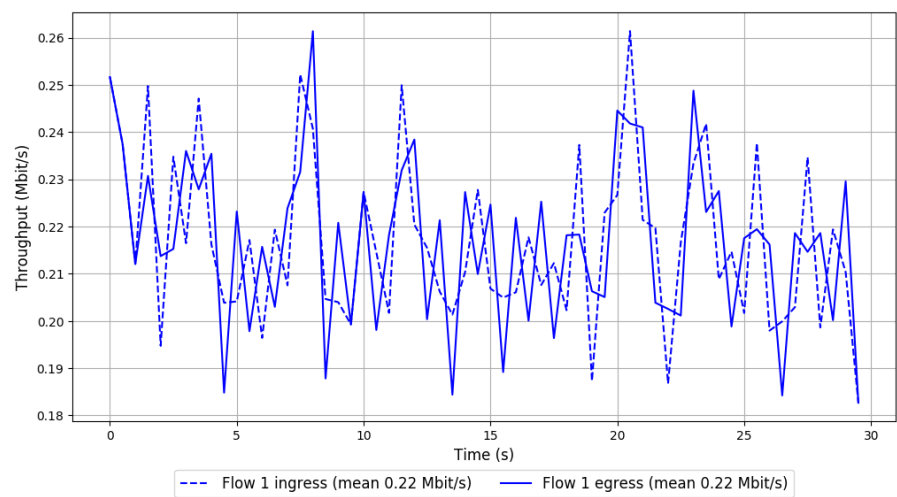


Run 4: Statistics of SCReAM

Start at: 2017-09-18 01:43:57
End at: 2017-09-18 01:44:27
Local clock offset: -4.489 ms
Remote clock offset: -0.138 ms

Below is generated by plot.py at 2017-09-18 07:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.233 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.233 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

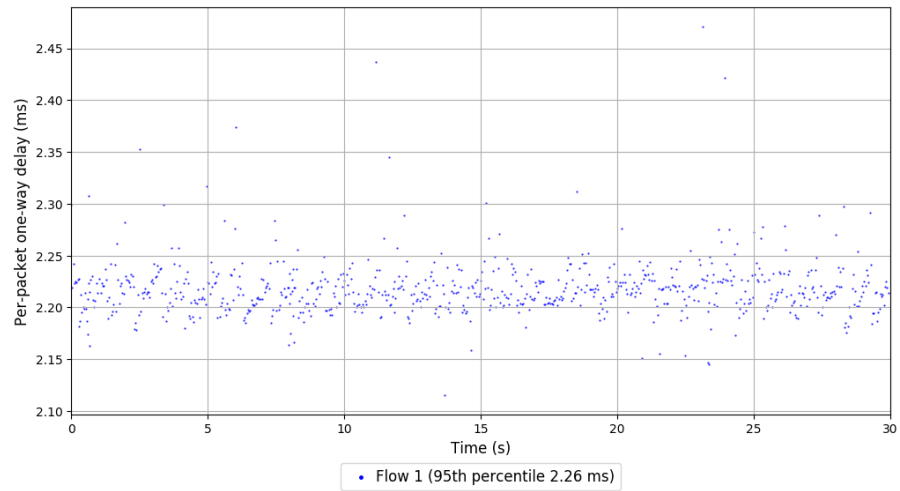
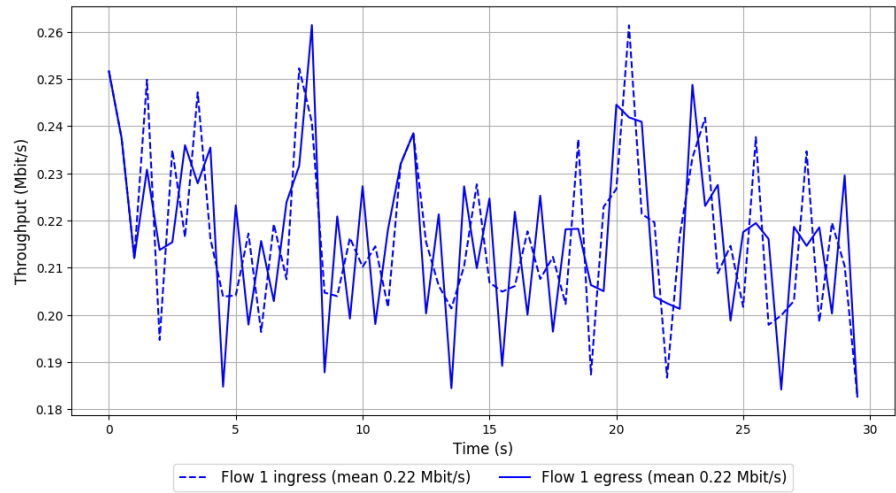


Run 5: Statistics of SCReAM

Start at: 2017-09-18 02:03:43
End at: 2017-09-18 02:04:13
Local clock offset: -4.613 ms
Remote clock offset: -0.168 ms

Below is generated by plot.py at 2017-09-18 07:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.256 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.256 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

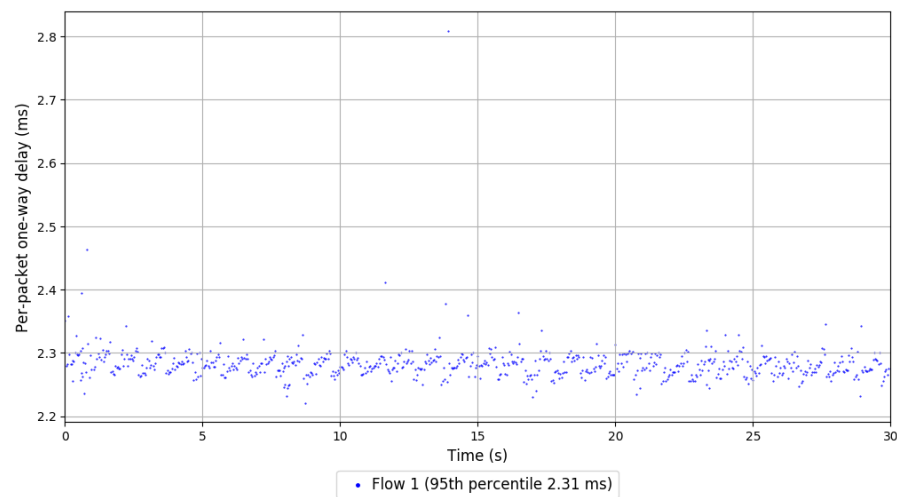
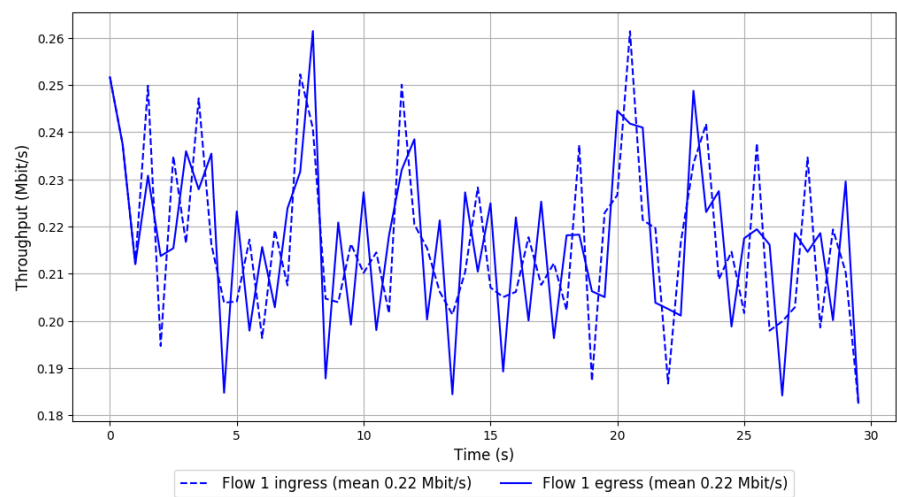


Run 6: Statistics of SCReAM

Start at: 2017-09-18 02:23:26
End at: 2017-09-18 02:23:56
Local clock offset: -4.68 ms
Remote clock offset: -0.071 ms

Below is generated by plot.py at 2017-09-18 07:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.308 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.308 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

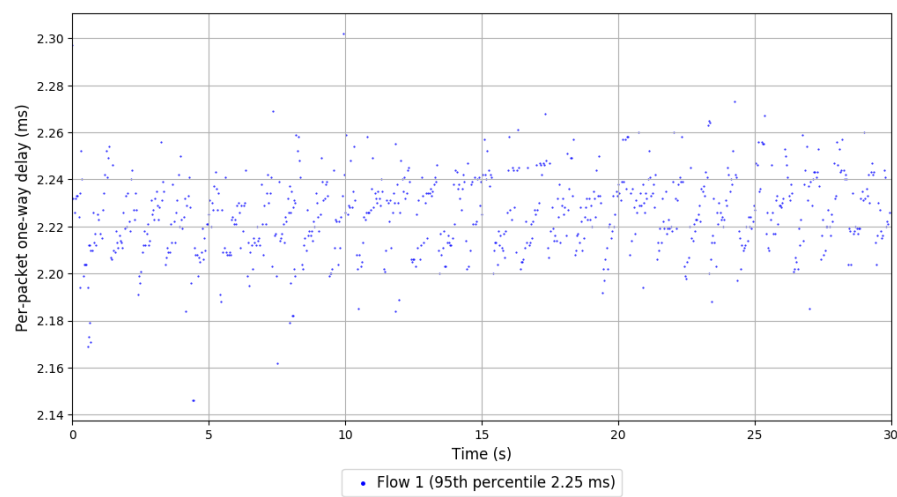
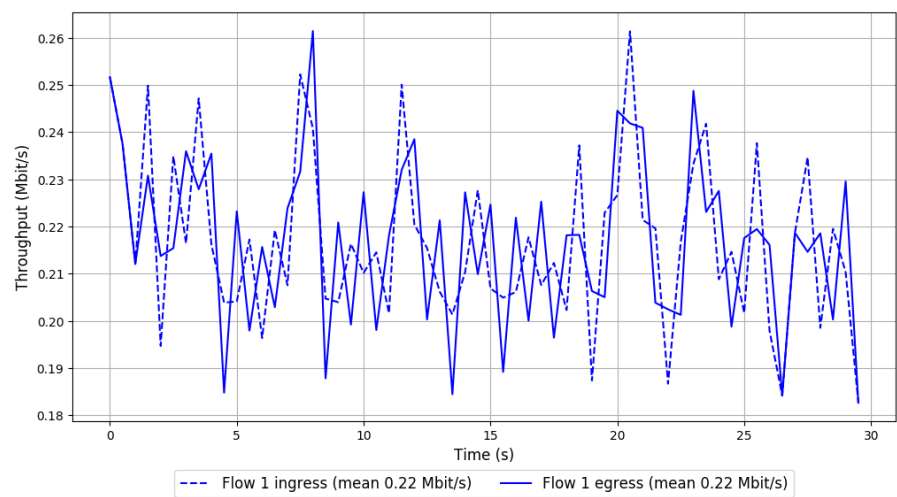


Run 7: Statistics of SCReAM

Start at: 2017-09-18 02:43:14
End at: 2017-09-18 02:43:44
Local clock offset: -4.67 ms
Remote clock offset: -0.107 ms

Below is generated by plot.py at 2017-09-18 07:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.253 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.253 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

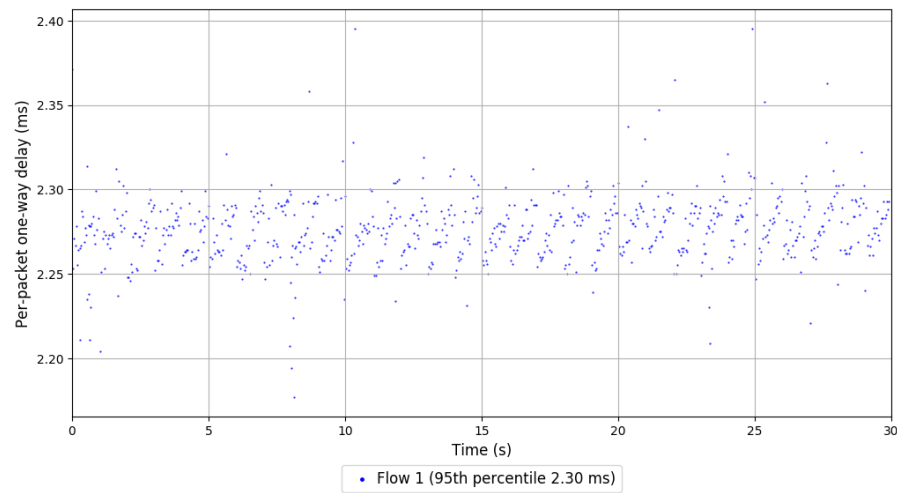
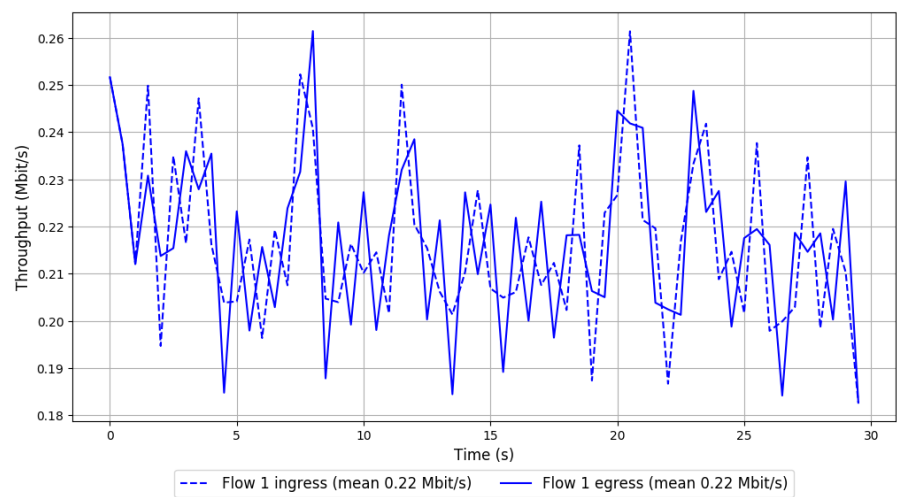


Run 8: Statistics of SCReAM

Start at: 2017-09-18 03:02:55
End at: 2017-09-18 03:03:25
Local clock offset: -4.238 ms
Remote clock offset: -0.028 ms

Below is generated by plot.py at 2017-09-18 07:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.304 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.304 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

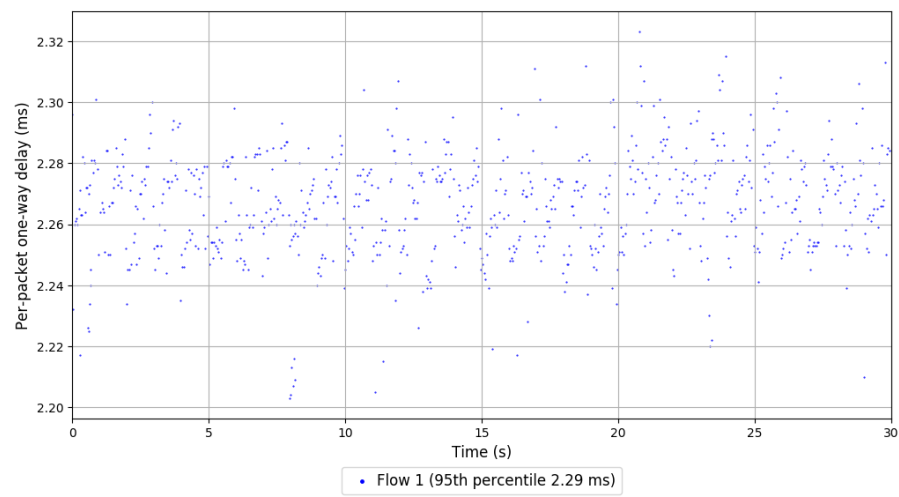
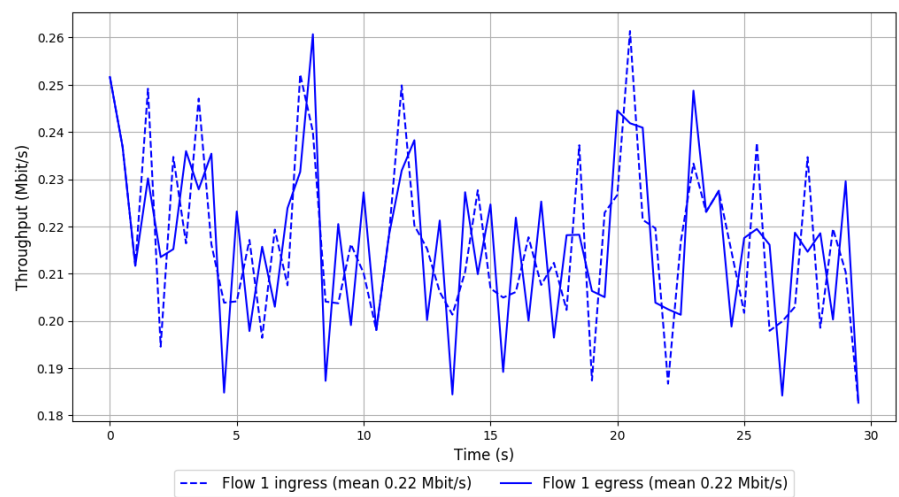


Run 9: Statistics of SCReAM

Start at: 2017-09-18 03:22:49
End at: 2017-09-18 03:23:19
Local clock offset: -3.953 ms
Remote clock offset: -0.066 ms

Below is generated by plot.py at 2017-09-18 07:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.294 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.294 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

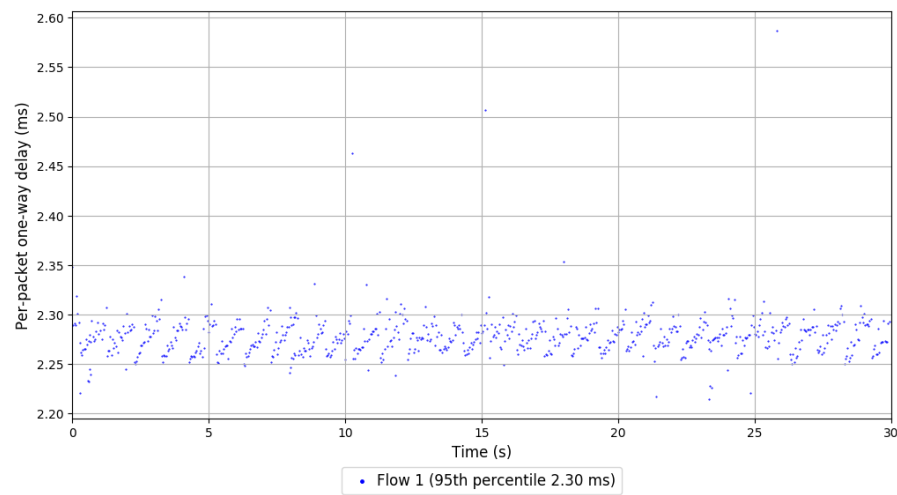
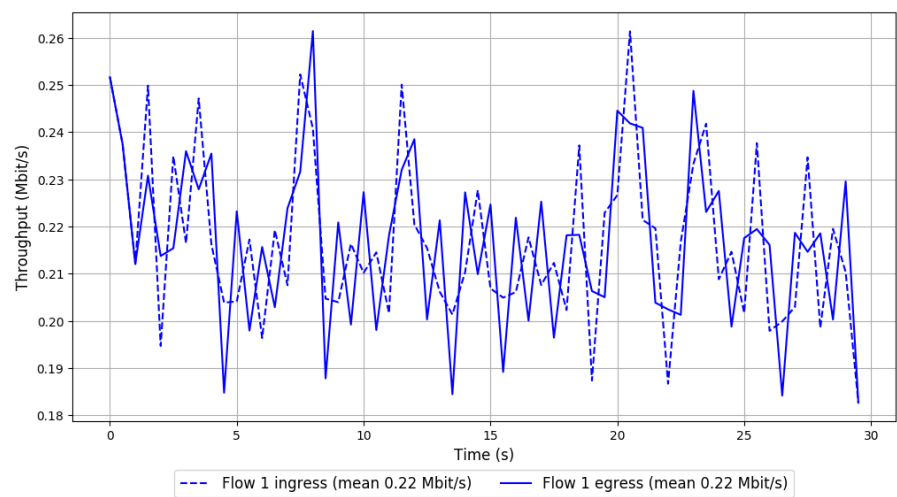


Run 10: Statistics of SReAM

Start at: 2017-09-18 03:41:47
End at: 2017-09-18 03:42:17
Local clock offset: -3.737 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2017-09-18 07:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.302 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.302 ms
Loss rate: 0.00%

Run 10: Report of SCRaM — Data Link



Run 1: Statistics of Sprout

Start at: 2017-09-18 00:47:21

End at: 2017-09-18 00:47:51

Local clock offset: -4.455 ms

Remote clock offset: 0.007 ms

Below is generated by plot.py at 2017-09-18 07:27:05

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.15 Mbit/s

95th percentile per-packet one-way delay: 3.084 ms

Loss rate: 0.00%

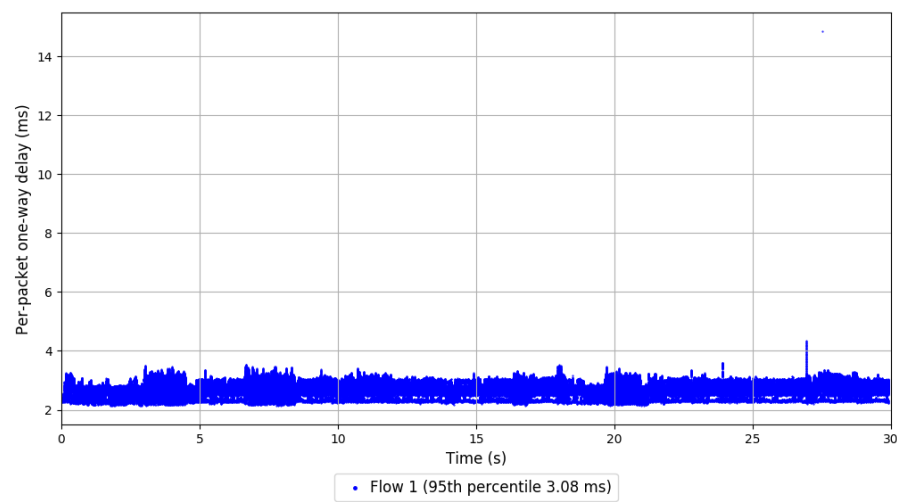
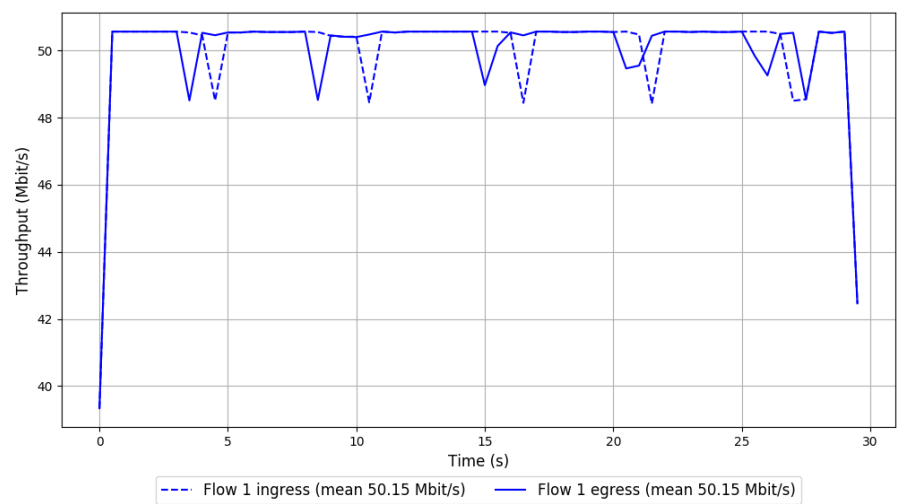
-- Flow 1:

Average throughput: 50.15 Mbit/s

95th percentile per-packet one-way delay: 3.084 ms

Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

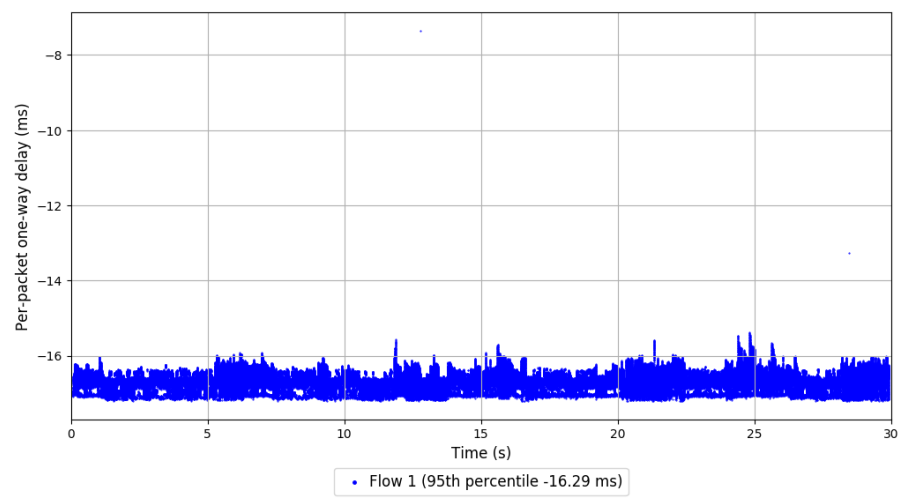
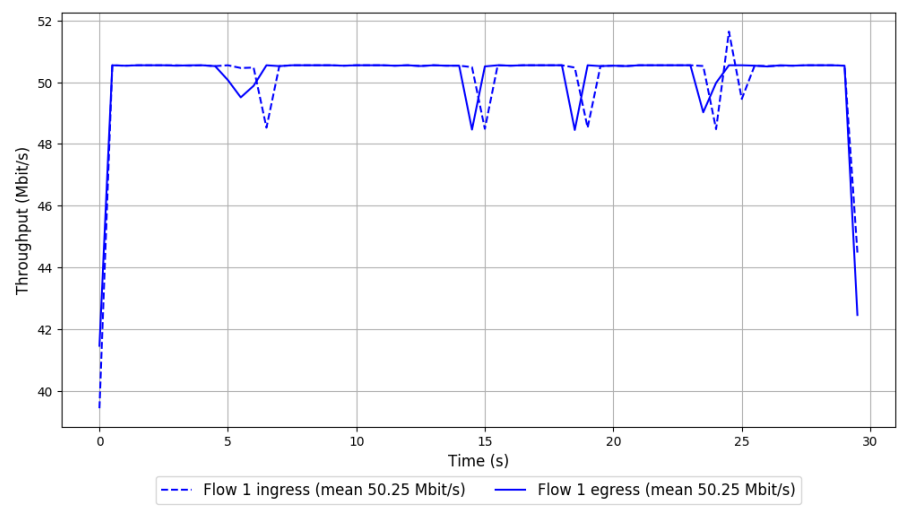


Run 2: Statistics of Sprout

Start at: 2017-09-18 01:07:12
End at: 2017-09-18 01:07:42
Local clock offset: -4.469 ms
Remote clock offset: -19.392 ms

Below is generated by plot.py at 2017-09-18 07:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.25 Mbit/s
95th percentile per-packet one-way delay: -16.290 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.25 Mbit/s
95th percentile per-packet one-way delay: -16.290 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

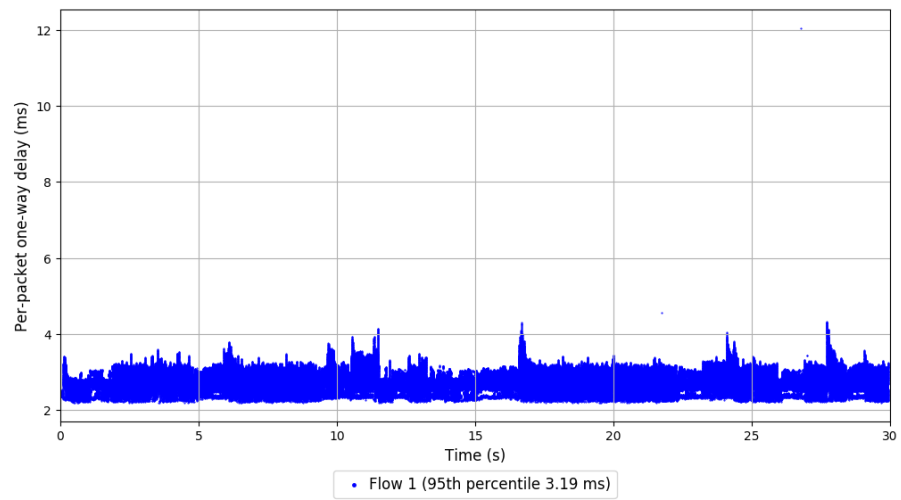
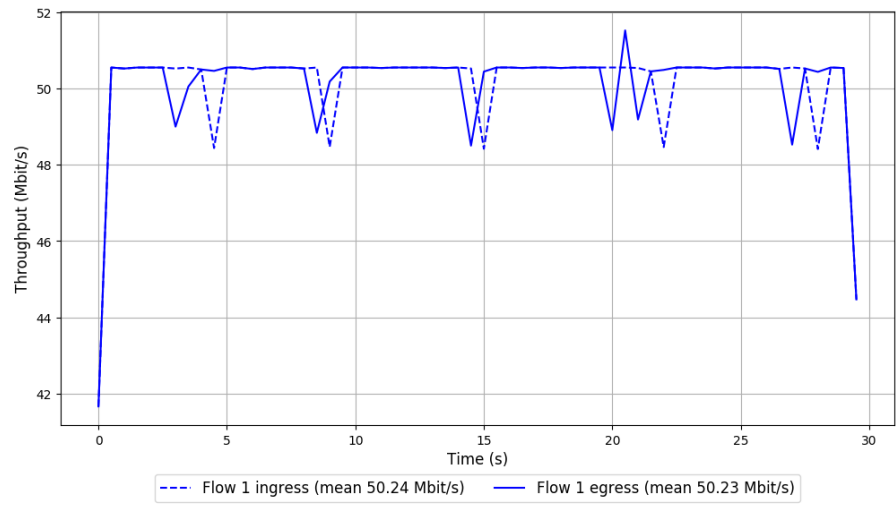


Run 3: Statistics of Sprout

Start at: 2017-09-18 01:26:49
End at: 2017-09-18 01:27:20
Local clock offset: -4.503 ms
Remote clock offset: -0.017 ms

Below is generated by plot.py at 2017-09-18 07:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.23 Mbit/s
95th percentile per-packet one-way delay: 3.192 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.23 Mbit/s
95th percentile per-packet one-way delay: 3.192 ms
Loss rate: 0.00%

Run 3: Report of Sprout — Data Link

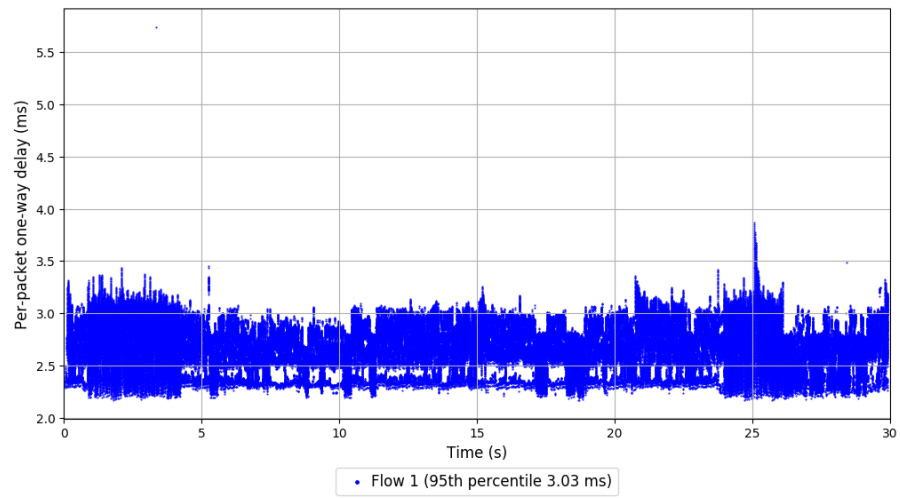
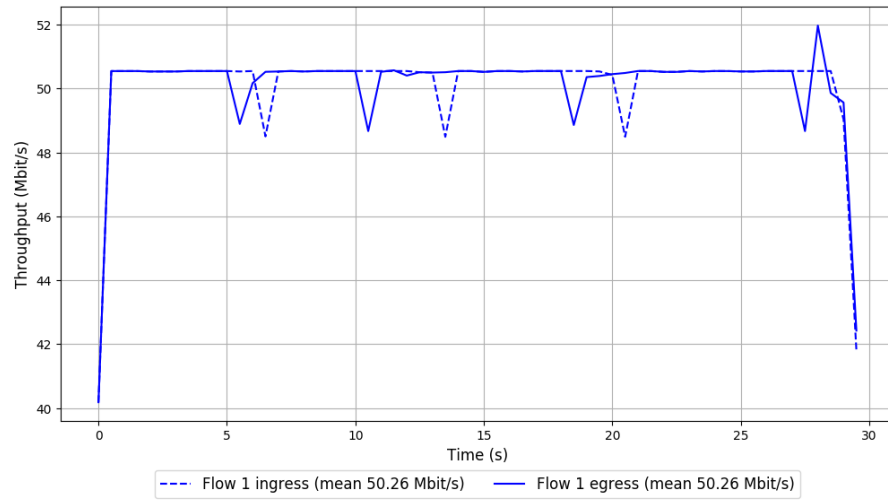


Run 4: Statistics of Sprout

Start at: 2017-09-18 01:46:22
End at: 2017-09-18 01:46:52
Local clock offset: -4.467 ms
Remote clock offset: -0.038 ms

Below is generated by plot.py at 2017-09-18 07:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 3.026 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 3.026 ms
Loss rate: 0.00%

Run 4: Report of Sprout — Data Link

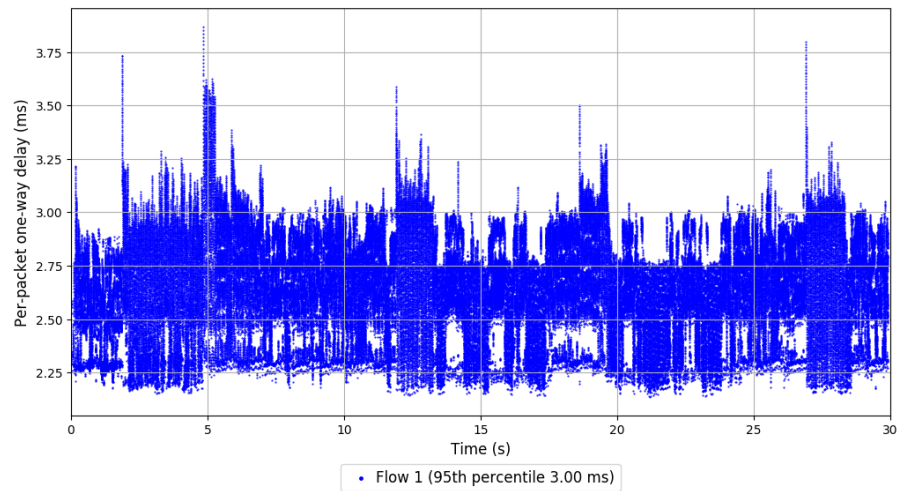
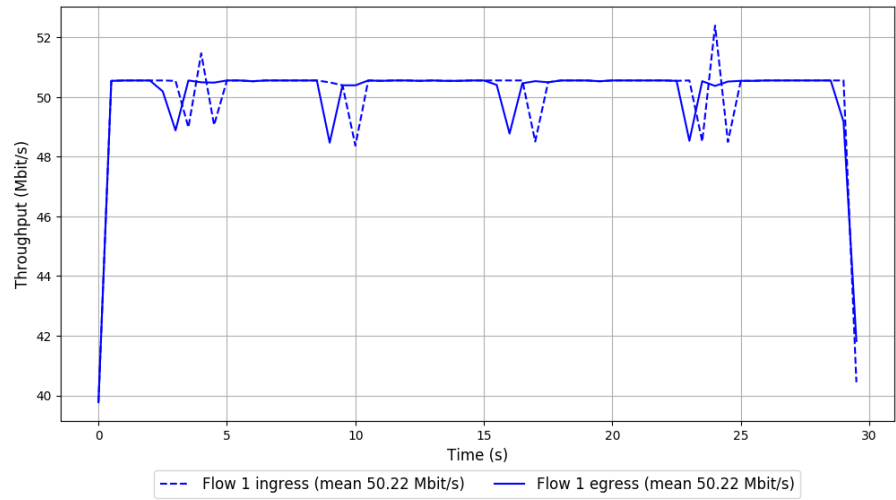


Run 5: Statistics of Sprout

Start at: 2017-09-18 02:06:08
End at: 2017-09-18 02:06:38
Local clock offset: -4.591 ms
Remote clock offset: -0.119 ms

Below is generated by plot.py at 2017-09-18 07:27:05
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.22 Mbit/s
95th percentile per-packet one-way delay: 3.000 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.22 Mbit/s
95th percentile per-packet one-way delay: 3.000 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2017-09-18 02:25:56

End at: 2017-09-18 02:26:26

Local clock offset: -4.678 ms

Remote clock offset: -0.05 ms

Below is generated by plot.py at 2017-09-18 07:27:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 50.28 Mbit/s

95th percentile per-packet one-way delay: 3.000 ms

Loss rate: 0.00%

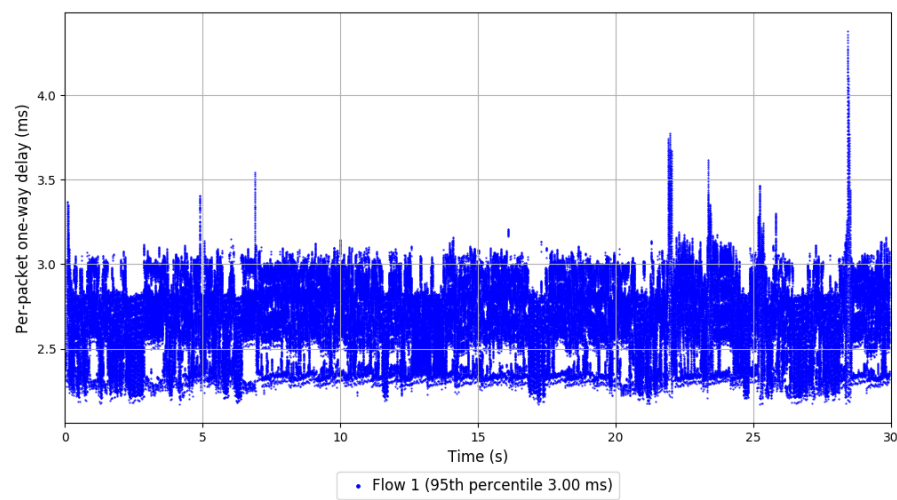
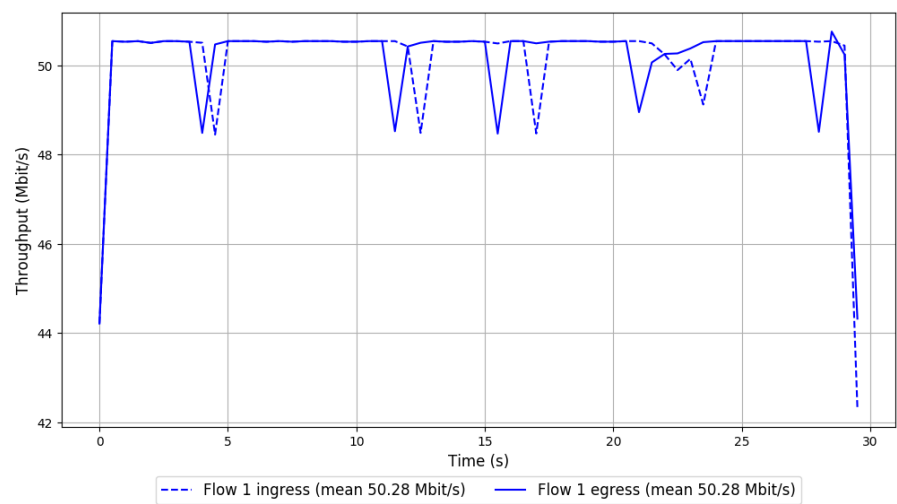
-- Flow 1:

Average throughput: 50.28 Mbit/s

95th percentile per-packet one-way delay: 3.000 ms

Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

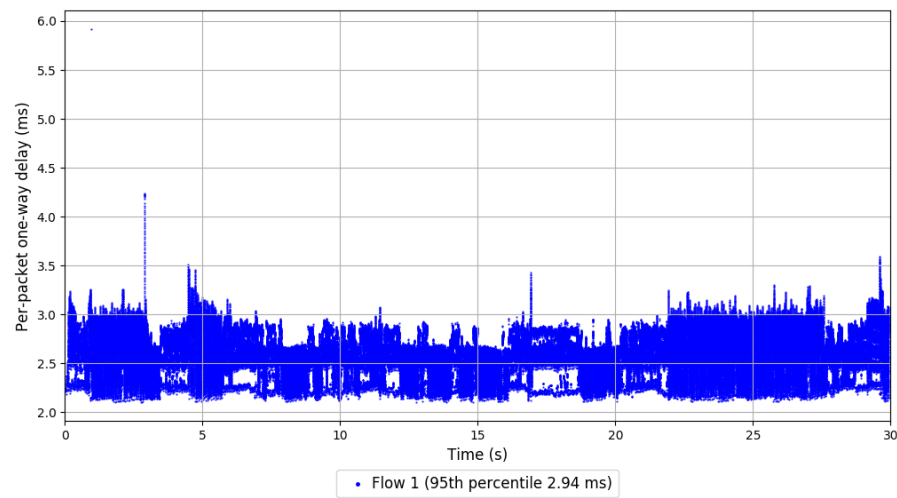
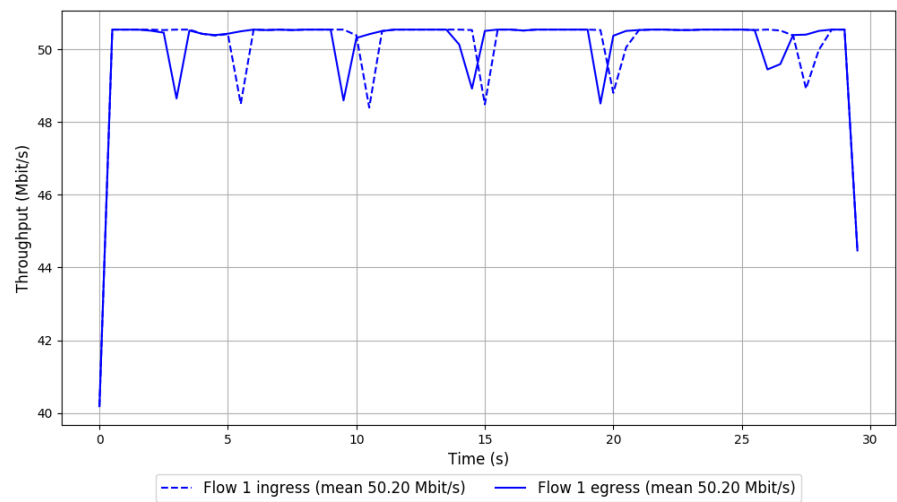


Run 7: Statistics of Sprout

Start at: 2017-09-18 02:45:40
End at: 2017-09-18 02:46:10
Local clock offset: -4.582 ms
Remote clock offset: -0.092 ms

Below is generated by plot.py at 2017-09-18 07:27:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.20 Mbit/s
95th percentile per-packet one-way delay: 2.941 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.20 Mbit/s
95th percentile per-packet one-way delay: 2.941 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

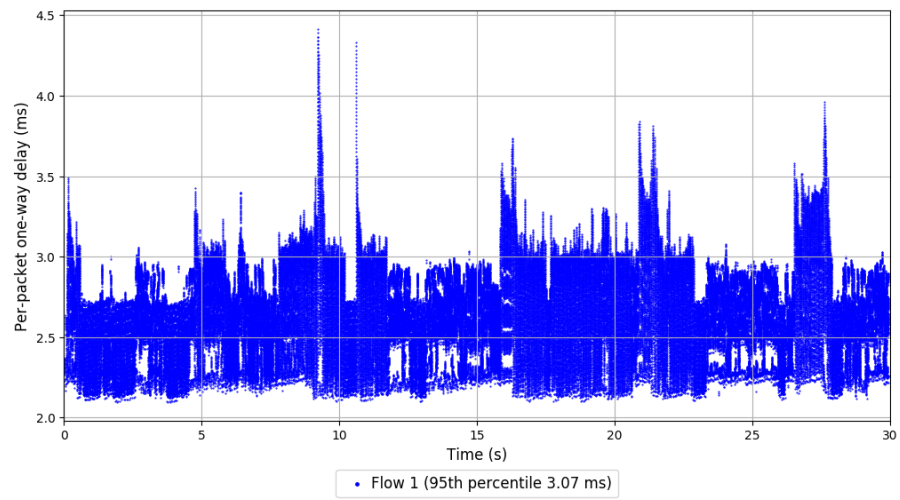
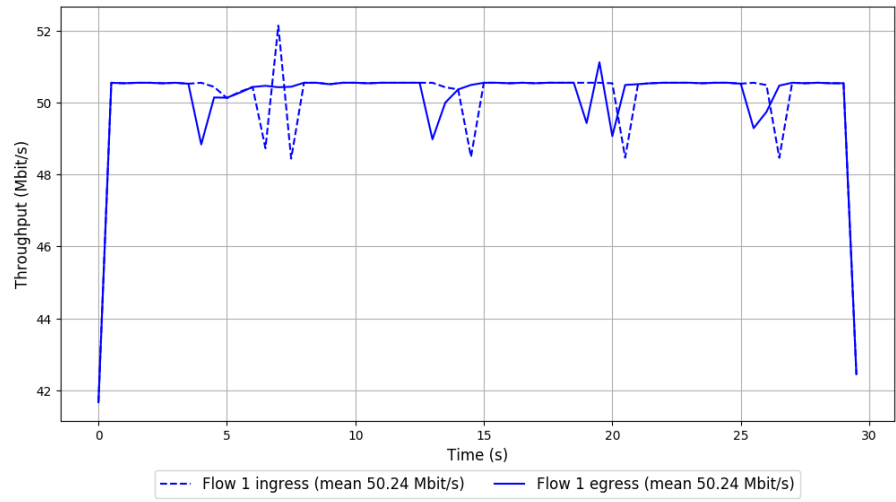


Run 8: Statistics of Sprout

Start at: 2017-09-18 03:05:22
End at: 2017-09-18 03:05:52
Local clock offset: -4.173 ms
Remote clock offset: -0.082 ms

Below is generated by plot.py at 2017-09-18 07:27:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 3.068 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.24 Mbit/s
95th percentile per-packet one-way delay: 3.068 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

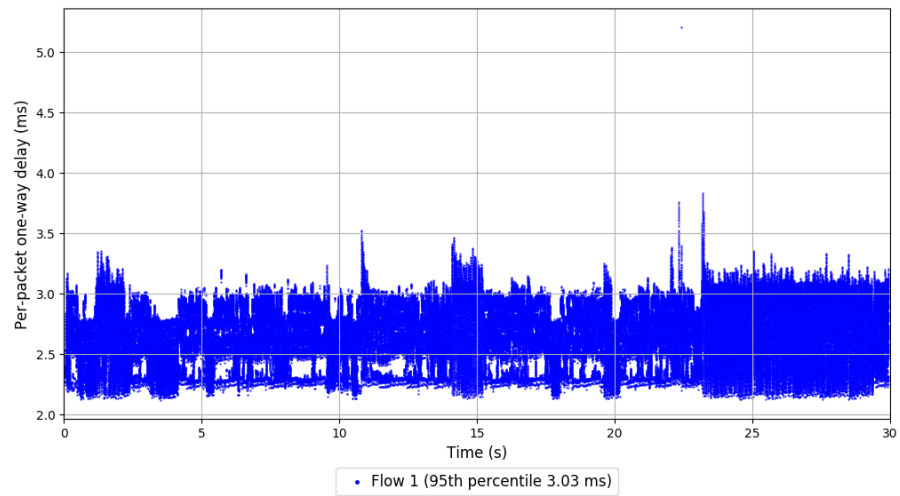
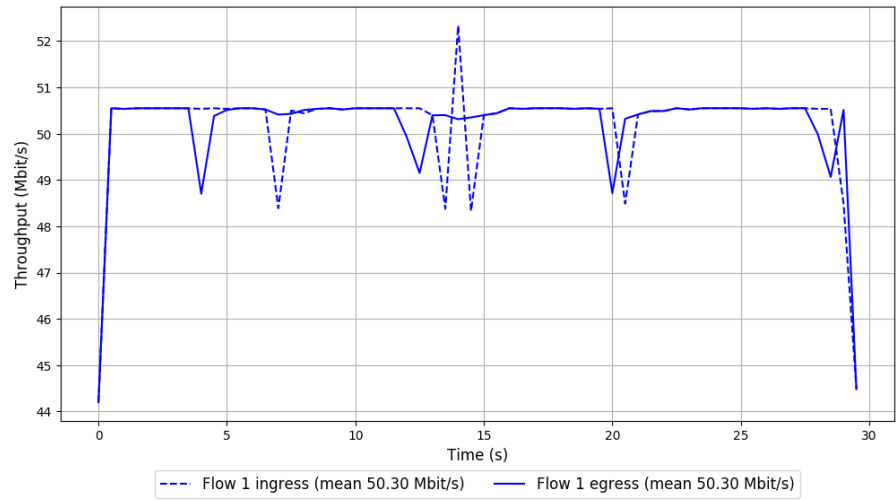


Run 9: Statistics of Sprout

Start at: 2017-09-18 03:25:22
End at: 2017-09-18 03:25:52
Local clock offset: -3.93 ms
Remote clock offset: -0.114 ms

Below is generated by plot.py at 2017-09-18 07:27:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 3.031 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.30 Mbit/s
95th percentile per-packet one-way delay: 3.031 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

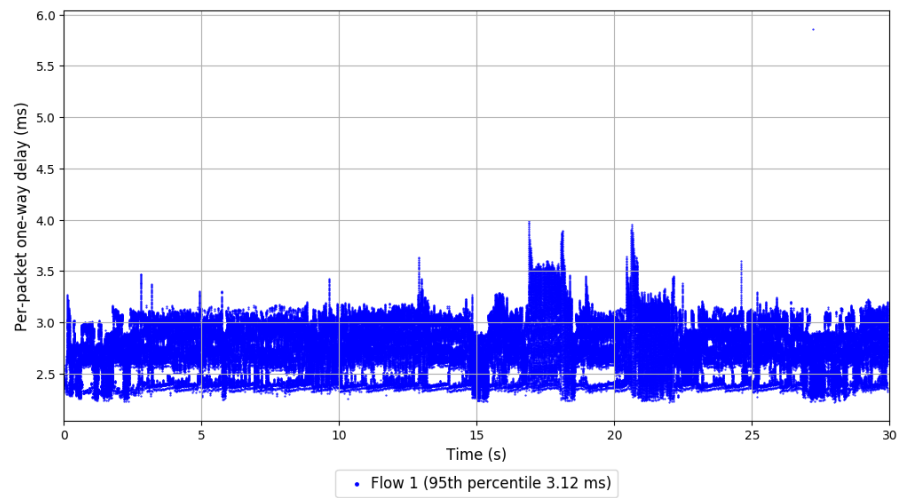
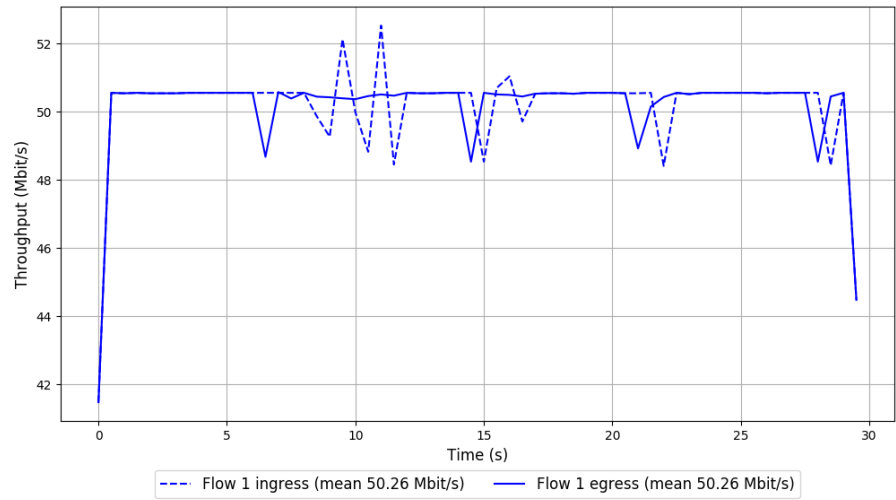


Run 10: Statistics of Sprout

Start at: 2017-09-18 03:44:22
End at: 2017-09-18 03:44:52
Local clock offset: -3.773 ms
Remote clock offset: -0.045 ms

Below is generated by plot.py at 2017-09-18 07:27:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 3.117 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.26 Mbit/s
95th percentile per-packet one-way delay: 3.117 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

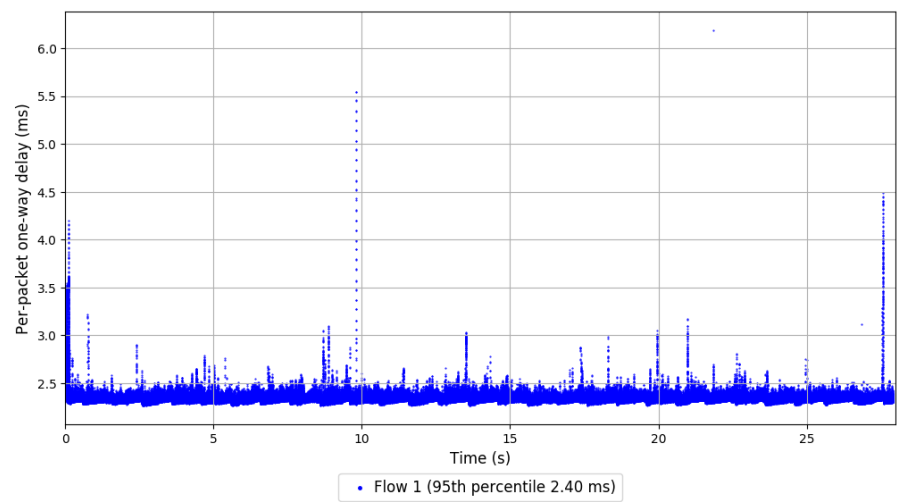
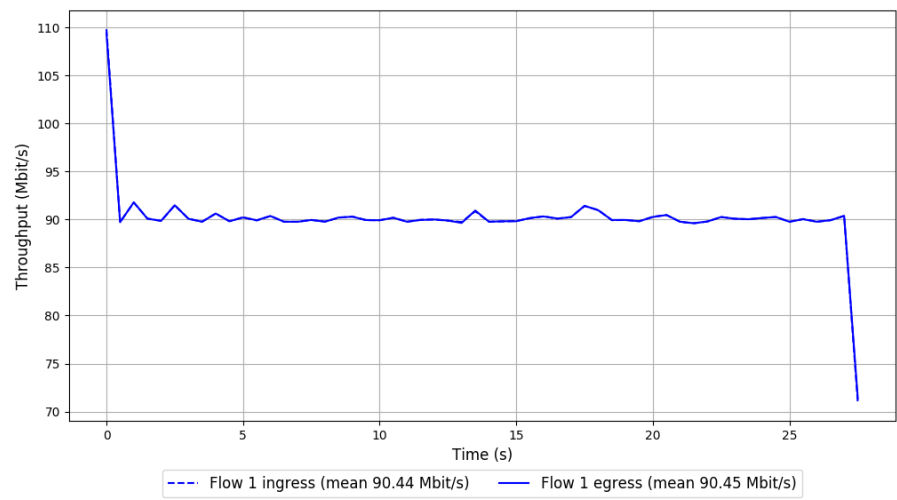


```
Run 1: Statistics of TaoVA-100x

Start at: 2017-09-18 00:48:26
End at: 2017-09-18 00:48:56
Local clock offset: -4.527 ms
Remote clock offset: 0.054 ms

# Below is generated by plot.py at 2017-09-18 07:27:06
# Datalink statistics
-- Total of 1 flow:
Average throughput: 90.45 Mbit/s
95th percentile per-packet one-way delay: 2.396 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.45 Mbit/s
95th percentile per-packet one-way delay: 2.396 ms
Loss rate: 0.00%
```

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

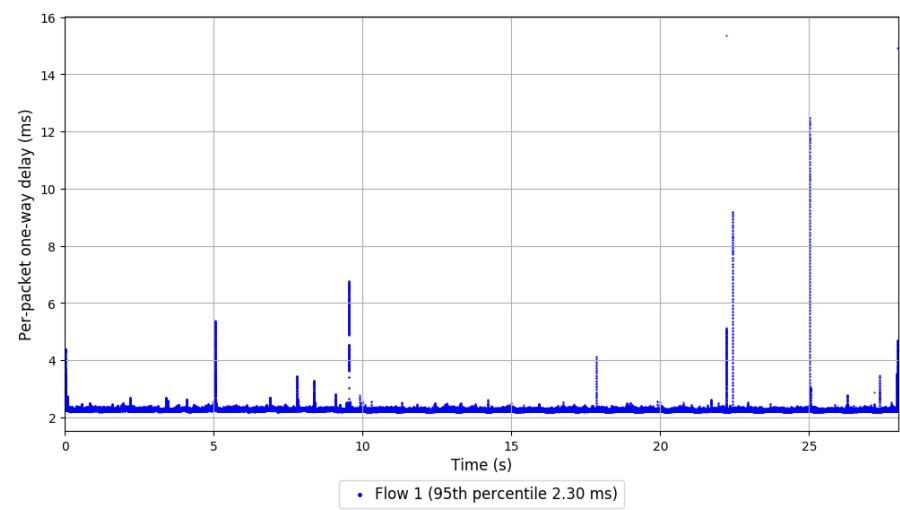
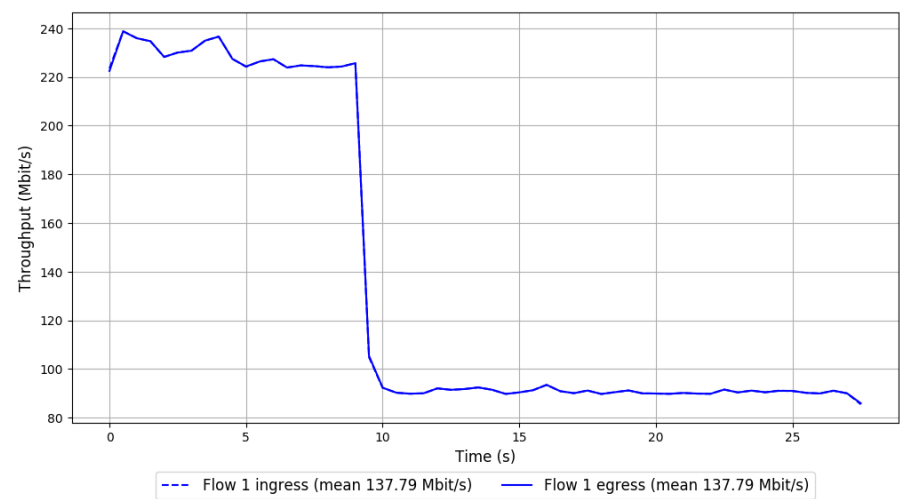


Run 2: Statistics of TaoVA-100x

Start at: 2017-09-18 01:08:17
End at: 2017-09-18 01:08:47
Local clock offset: -4.497 ms
Remote clock offset: -0.001 ms

Below is generated by plot.py at 2017-09-18 07:27:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 137.79 Mbit/s
95th percentile per-packet one-way delay: 2.297 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 137.79 Mbit/s
95th percentile per-packet one-way delay: 2.297 ms
Loss rate: 0.00%

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



Run 3: Statistics of TaoVA-100x

Start at: 2017-09-18 01:27:55

End at: 2017-09-18 01:28:25

Local clock offset: -4.565 ms

Remote clock offset: -0.021 ms

Below is generated by plot.py at 2017-09-18 07:27:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 92.05 Mbit/s

95th percentile per-packet one-way delay: 2.356 ms

Loss rate: 0.00%

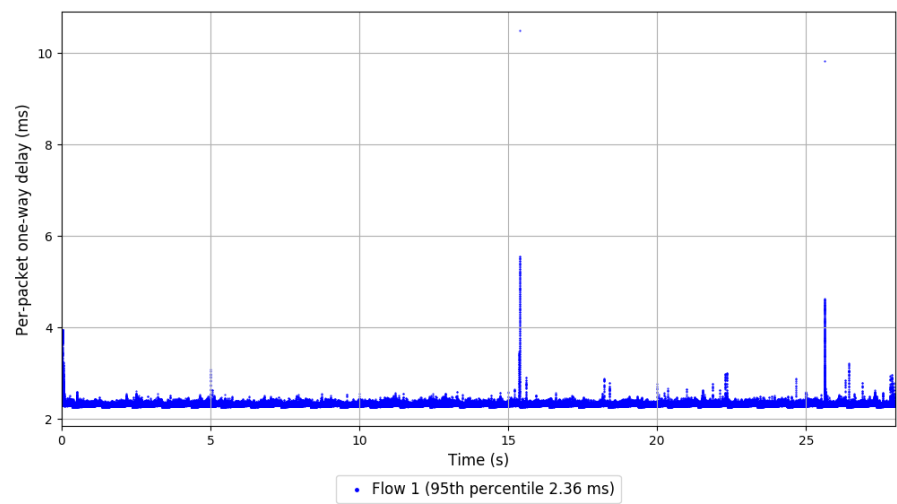
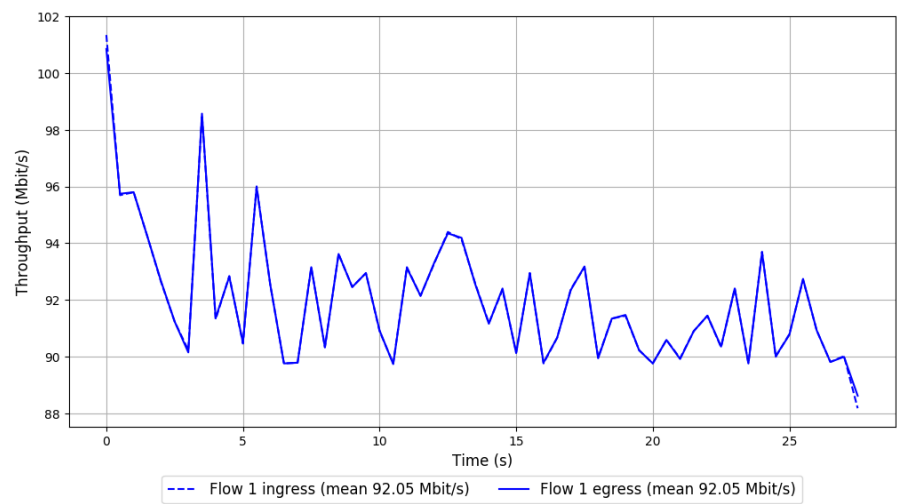
-- Flow 1:

Average throughput: 92.05 Mbit/s

95th percentile per-packet one-way delay: 2.356 ms

Loss rate: 0.00%

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

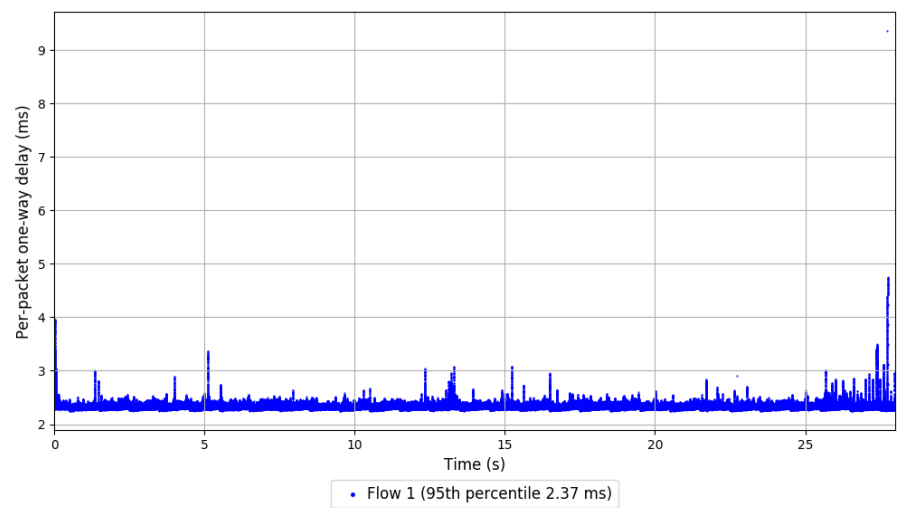
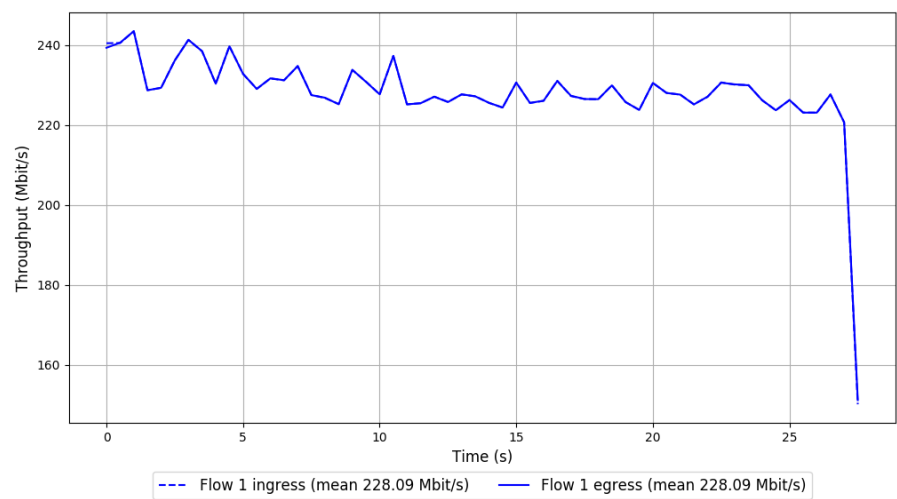


Run 4: Statistics of TaoVA-100x

Start at: 2017-09-18 01:47:28
End at: 2017-09-18 01:47:58
Local clock offset: -4.591 ms
Remote clock offset: -0.068 ms

Below is generated by plot.py at 2017-09-18 07:27:06
Datalink statistics
-- Total of 1 flow:
Average throughput: 228.09 Mbit/s
95th percentile per-packet one-way delay: 2.366 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 228.09 Mbit/s
95th percentile per-packet one-way delay: 2.366 ms
Loss rate: 0.00%

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



Run 5: Statistics of TaoVA-100x

Start at: 2017-09-18 02:07:13

End at: 2017-09-18 02:07:43

Local clock offset: -4.637 ms

Remote clock offset: -0.047 ms

Below is generated by plot.py at 2017-09-18 07:27:06

Datalink statistics

-- Total of 1 flow:

Average throughput: 91.12 Mbit/s

95th percentile per-packet one-way delay: 2.353 ms

Loss rate: 0.00%

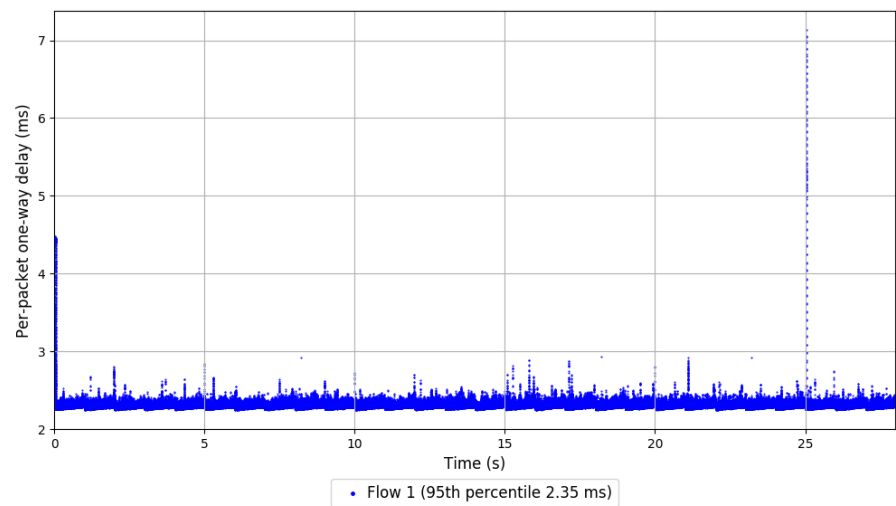
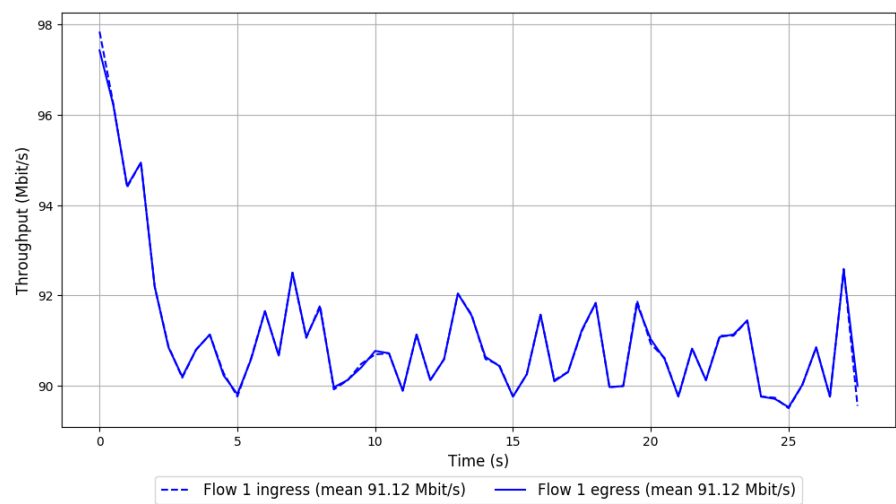
-- Flow 1:

Average throughput: 91.12 Mbit/s

95th percentile per-packet one-way delay: 2.353 ms

Loss rate: 0.00%

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

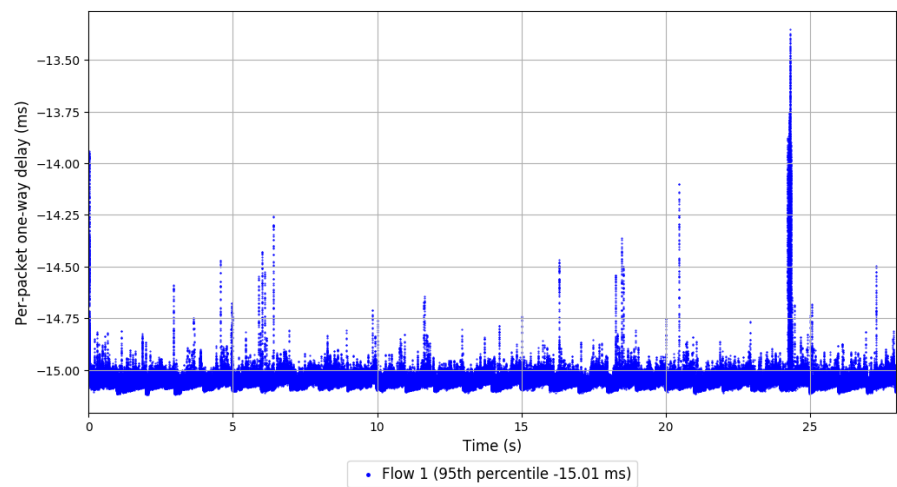
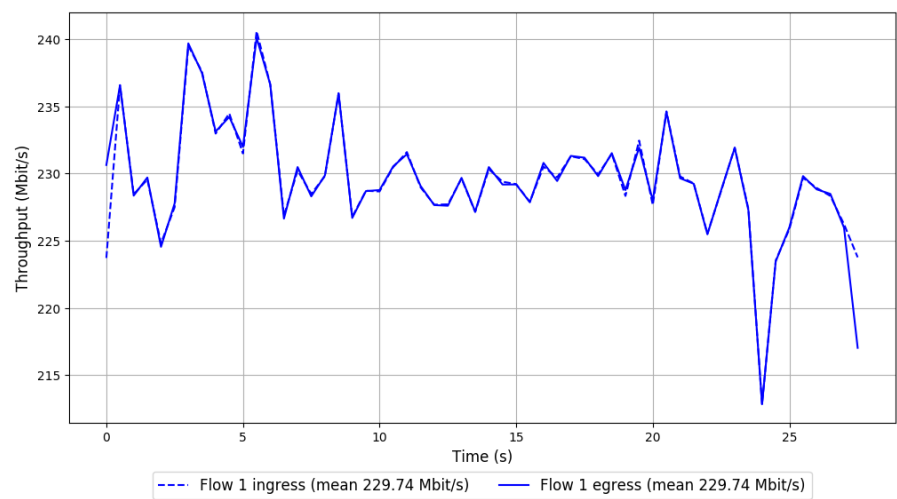


Run 6: Statistics of TaoVA-100x

Start at: 2017-09-18 02:27:01
End at: 2017-09-18 02:27:31
Local clock offset: -4.669 ms
Remote clock offset: -17.302 ms

Below is generated by plot.py at 2017-09-18 07:27:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 229.74 Mbit/s
95th percentile per-packet one-way delay: -15.012 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 229.74 Mbit/s
95th percentile per-packet one-way delay: -15.012 ms
Loss rate: 0.00%

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

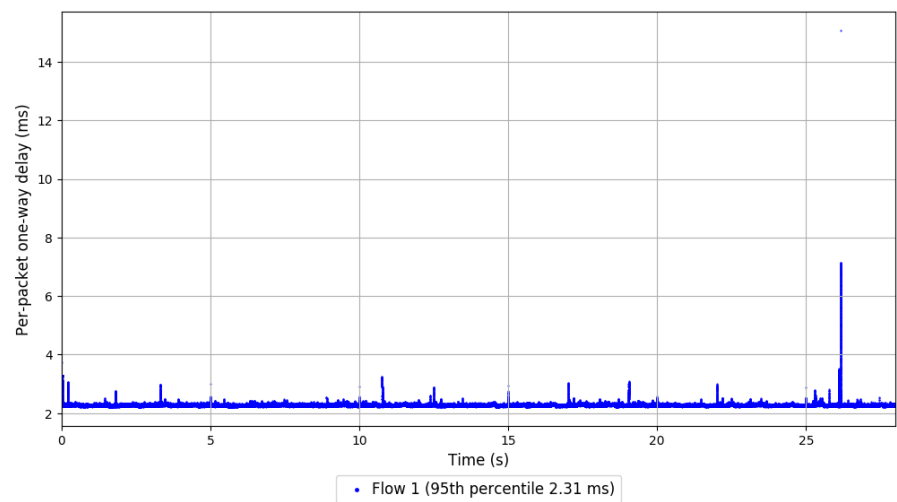
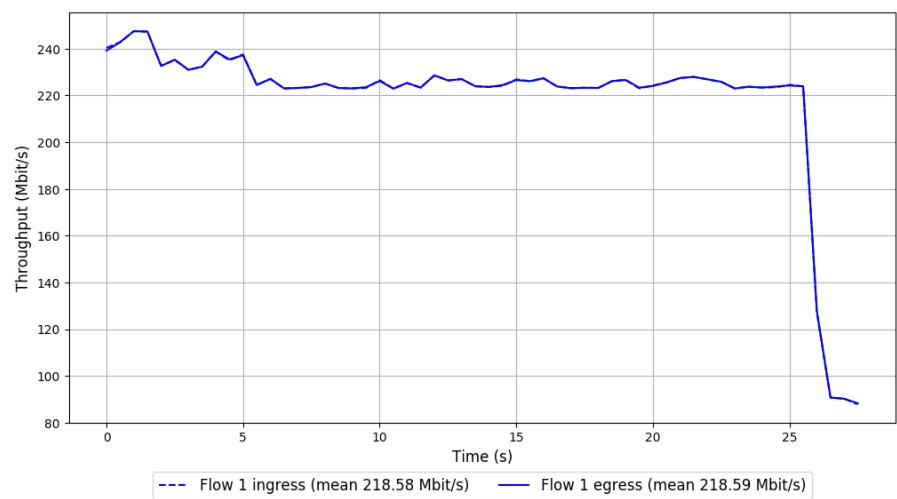


Run 7: Statistics of TaoVA-100x

Start at: 2017-09-18 02:46:45
End at: 2017-09-18 02:47:15
Local clock offset: -4.618 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2017-09-18 07:27:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 218.59 Mbit/s
95th percentile per-packet one-way delay: 2.305 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 218.59 Mbit/s
95th percentile per-packet one-way delay: 2.305 ms
Loss rate: 0.00%

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



Run 8: Statistics of TaoVA-100x

Start at: 2017-09-18 03:06:27

End at: 2017-09-18 03:06:57

Local clock offset: -4.183 ms

Remote clock offset: -0.004 ms

Below is generated by plot.py at 2017-09-18 07:27:11

Datalink statistics

-- Total of 1 flow:

Average throughput: 90.94 Mbit/s

95th percentile per-packet one-way delay: 2.287 ms

Loss rate: 0.00%

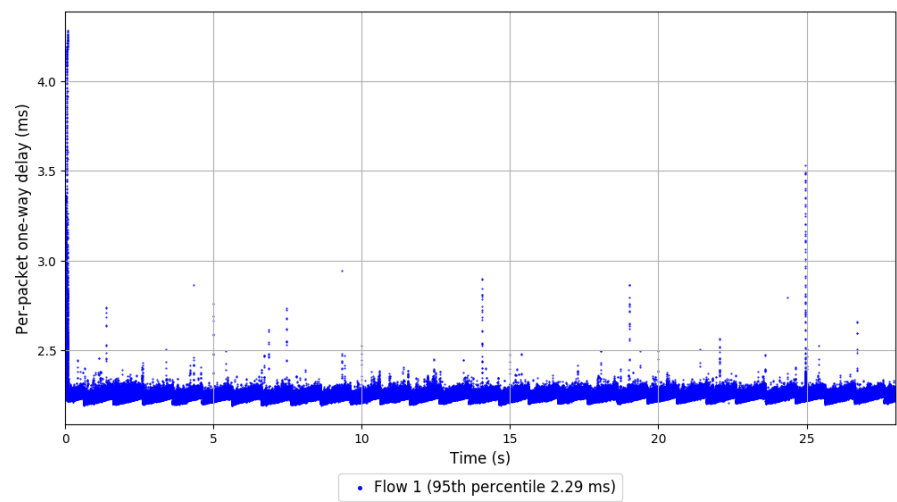
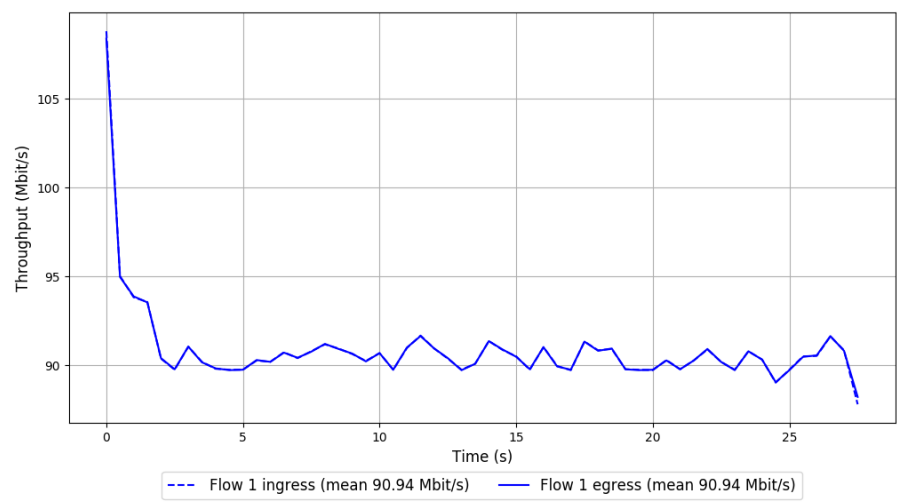
-- Flow 1:

Average throughput: 90.94 Mbit/s

95th percentile per-packet one-way delay: 2.287 ms

Loss rate: 0.00%

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

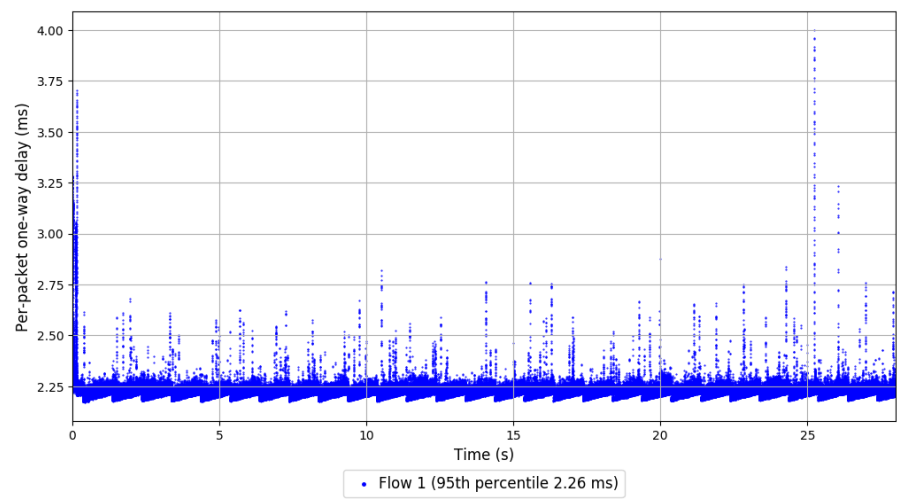
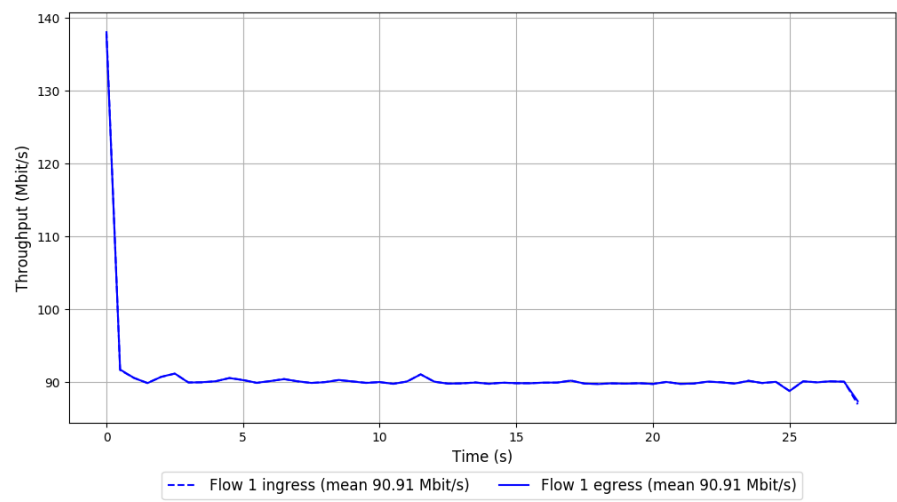


Run 9: Statistics of TaoVA-100x

Start at: 2017-09-18 03:26:27
End at: 2017-09-18 03:26:57
Local clock offset: -3.907 ms
Remote clock offset: -0.044 ms

Below is generated by plot.py at 2017-09-18 07:27:11
Datalink statistics
-- Total of 1 flow:
Average throughput: 90.91 Mbit/s
95th percentile per-packet one-way delay: 2.263 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 90.91 Mbit/s
95th percentile per-packet one-way delay: 2.263 ms
Loss rate: 0.00%

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



Run 10: Statistics of TaoVA-100x

Start at: 2017-09-18 03:45:27

End at: 2017-09-18 03:45:57

Local clock offset: -3.704 ms

Remote clock offset: -0.09 ms

Below is generated by plot.py at 2017-09-18 07:28:54

Datalink statistics

-- Total of 1 flow:

Average throughput: 222.84 Mbit/s

95th percentile per-packet one-way delay: 2.195 ms

Loss rate: 0.00%

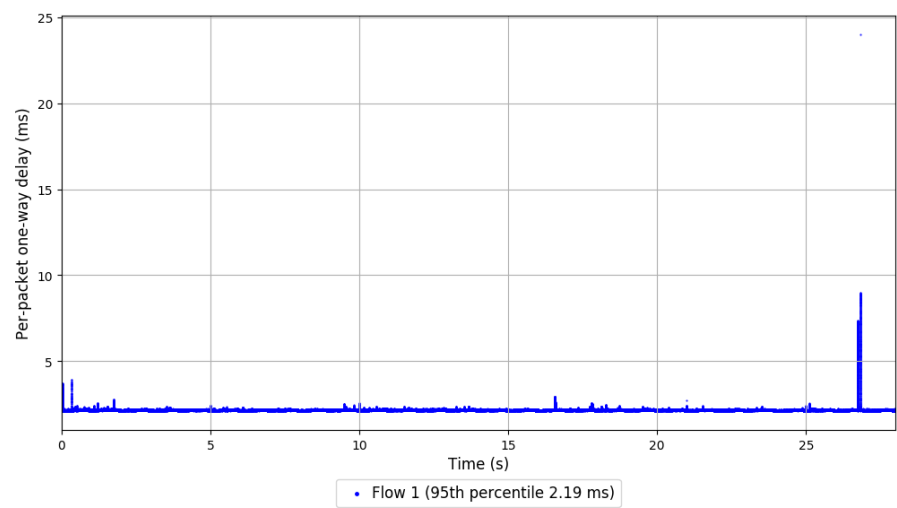
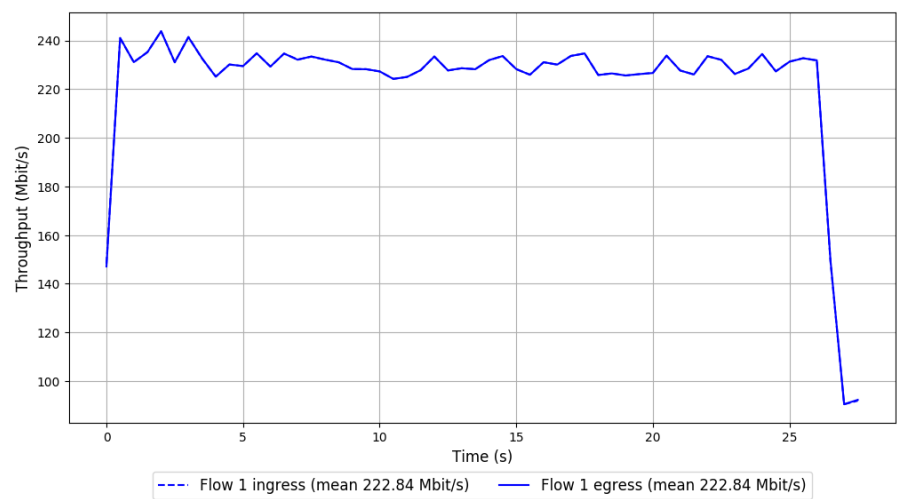
-- Flow 1:

Average throughput: 222.84 Mbit/s

95th percentile per-packet one-way delay: 2.195 ms

Loss rate: 0.00%

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



Run 1: Statistics of TCP Vegas

Start at: 2017-09-18 00:53:31

End at: 2017-09-18 00:54:01

Local clock offset: -4.387 ms

Remote clock offset: 0.013 ms

Below is generated by plot.py at 2017-09-18 07:30:52

Datalink statistics

-- Total of 1 flow:

Average throughput: 474.94 Mbit/s

95th percentile per-packet one-way delay: 2.815 ms

Loss rate: 0.00%

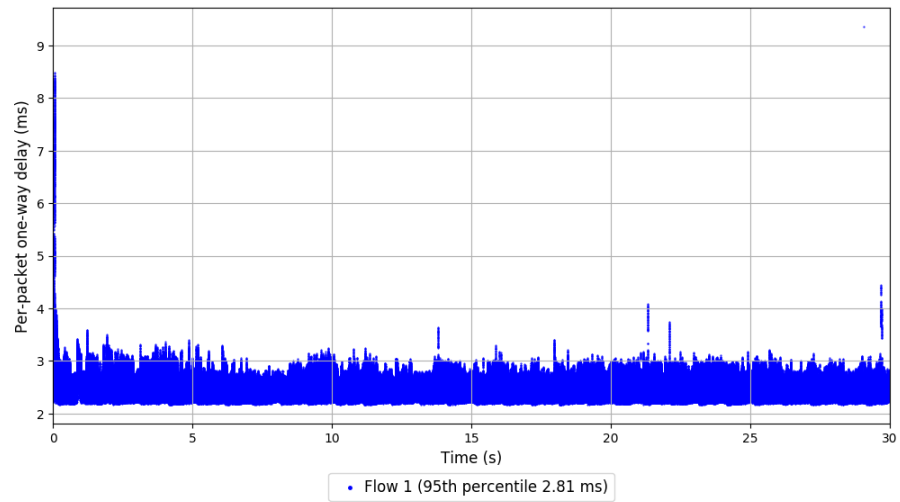
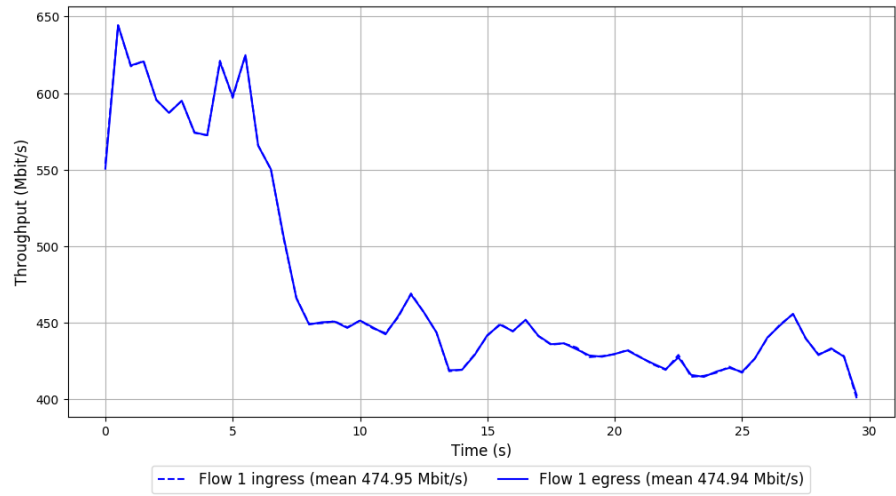
-- Flow 1:

Average throughput: 474.94 Mbit/s

95th percentile per-packet one-way delay: 2.815 ms

Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

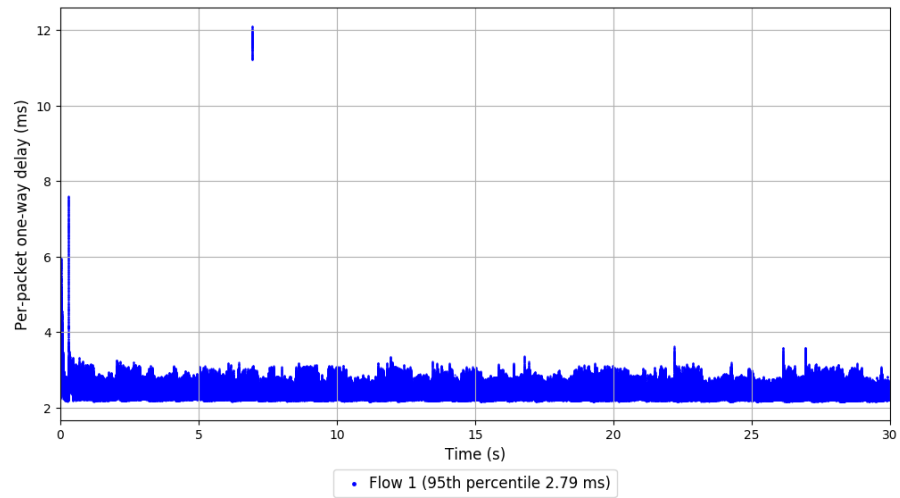
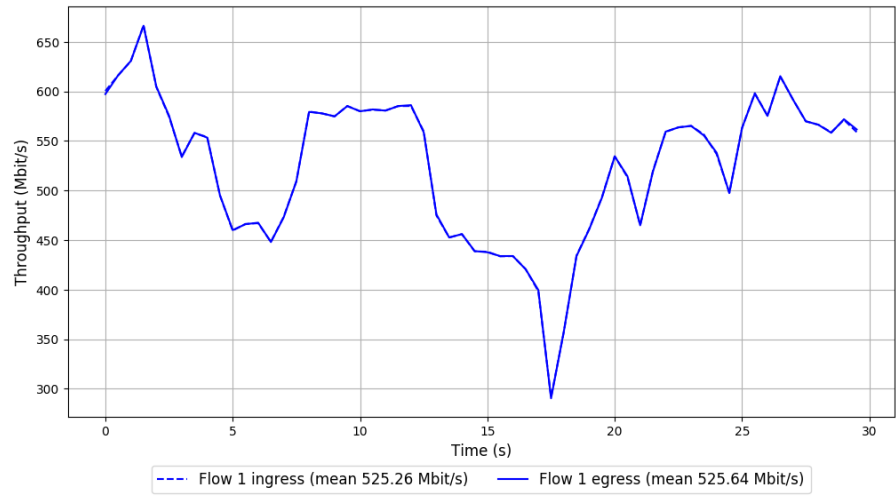


Run 2: Statistics of TCP Vegas

Start at: 2017-09-18 01:13:17
End at: 2017-09-18 01:13:47
Local clock offset: -4.637 ms
Remote clock offset: -0.063 ms

Below is generated by plot.py at 2017-09-18 07:32:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 525.64 Mbit/s
95th percentile per-packet one-way delay: 2.794 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 525.64 Mbit/s
95th percentile per-packet one-way delay: 2.794 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

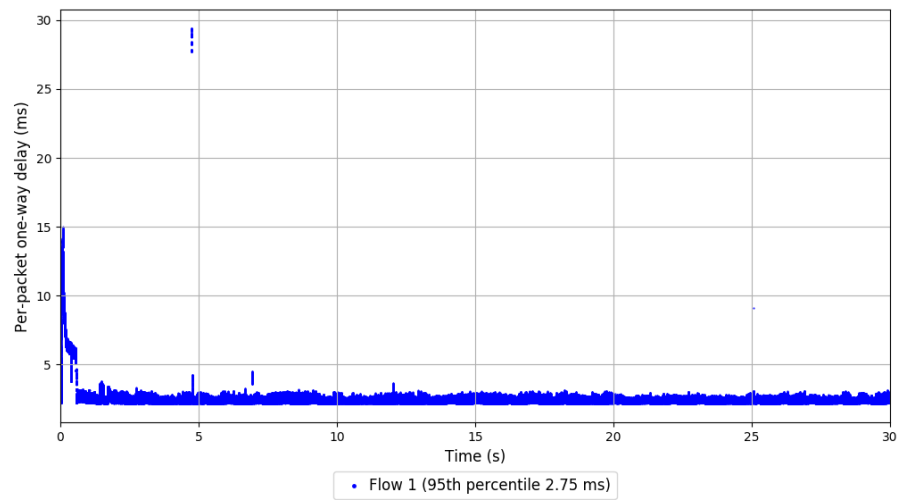
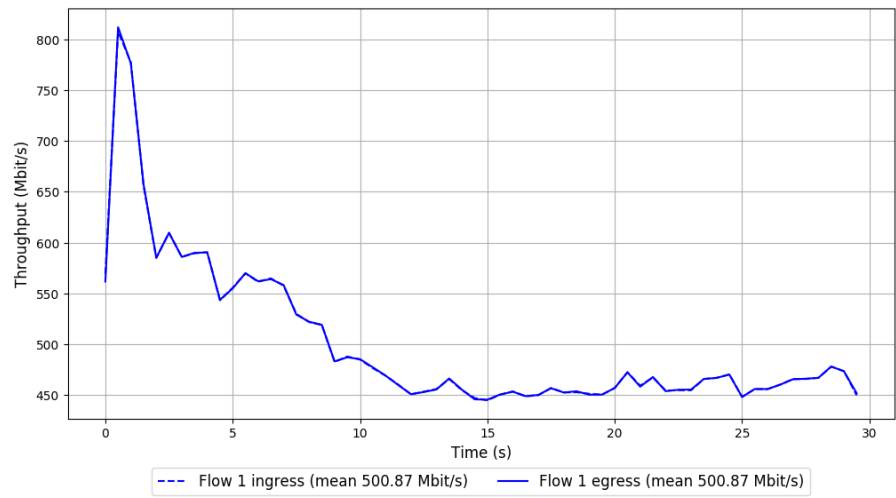


Run 3: Statistics of TCP Vegas

Start at: 2017-09-18 01:32:55
End at: 2017-09-18 01:33:25
Local clock offset: -4.478 ms
Remote clock offset: -0.092 ms

Below is generated by plot.py at 2017-09-18 07:32:19
Datalink statistics
-- Total of 1 flow:
Average throughput: 500.87 Mbit/s
95th percentile per-packet one-way delay: 2.749 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 500.87 Mbit/s
95th percentile per-packet one-way delay: 2.749 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

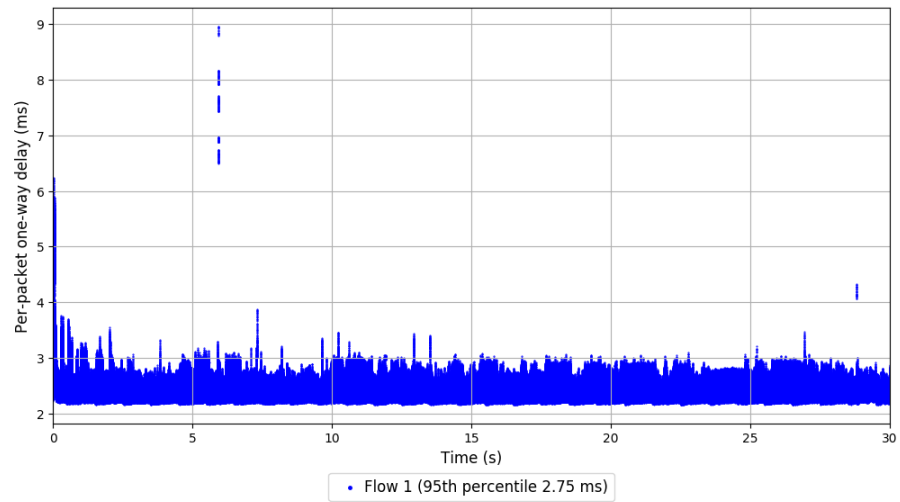
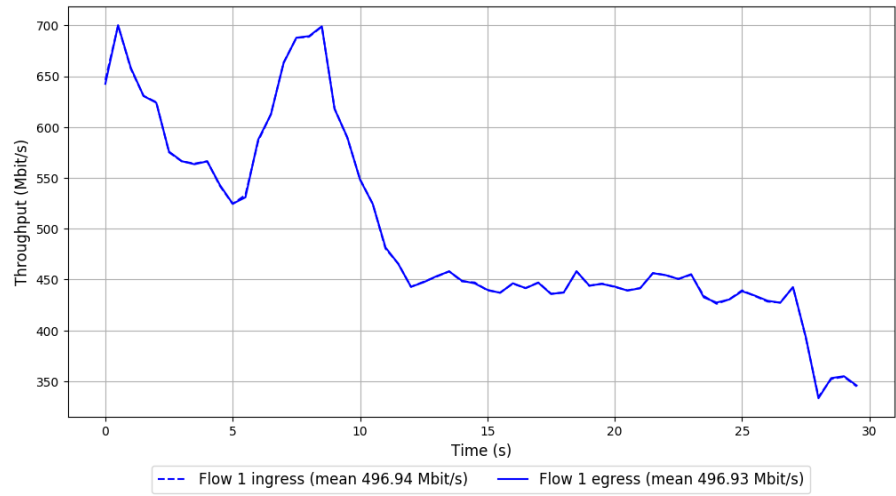


Run 4: Statistics of TCP Vegas

Start at: 2017-09-18 01:52:46
End at: 2017-09-18 01:53:16
Local clock offset: -4.529 ms
Remote clock offset: -0.082 ms

Below is generated by plot.py at 2017-09-18 07:32:28
Datalink statistics
-- Total of 1 flow:
Average throughput: 496.93 Mbit/s
95th percentile per-packet one-way delay: 2.745 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 496.93 Mbit/s
95th percentile per-packet one-way delay: 2.745 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

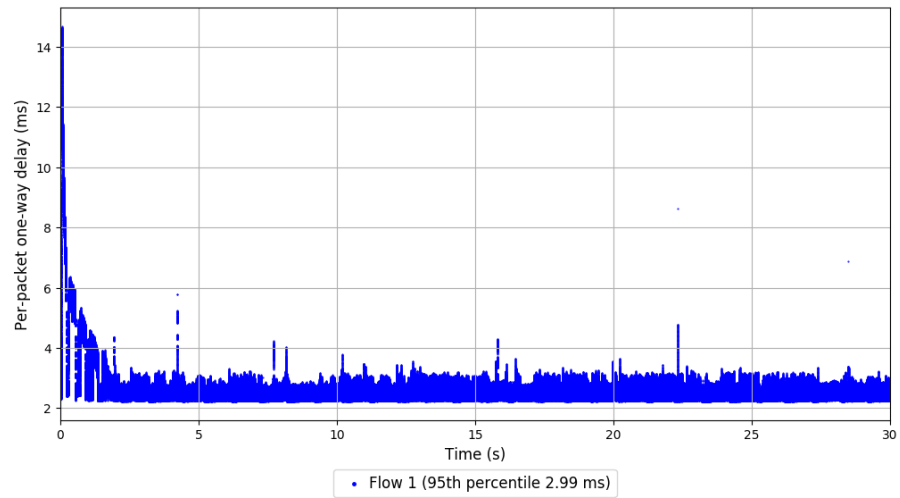
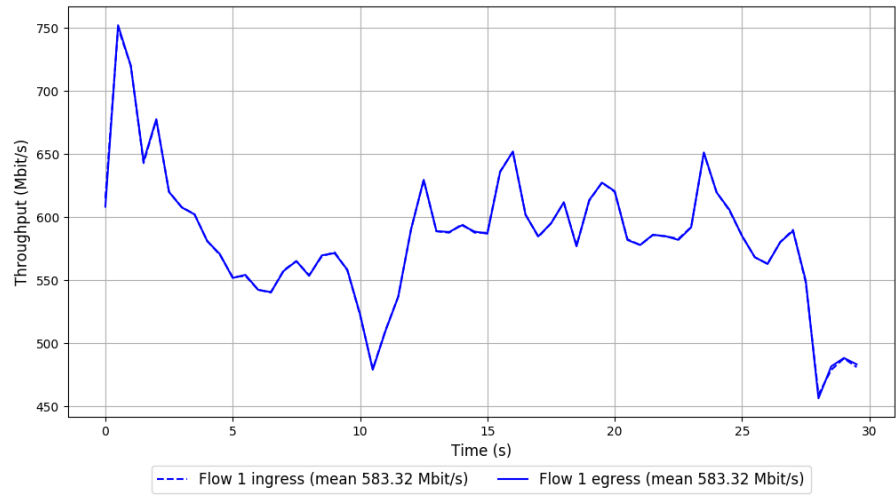


Run 5: Statistics of TCP Vegas

Start at: 2017-09-18 02:12:15
End at: 2017-09-18 02:12:45
Local clock offset: -4.668 ms
Remote clock offset: -0.086 ms

Below is generated by plot.py at 2017-09-18 07:35:27
Datalink statistics
-- Total of 1 flow:
Average throughput: 583.32 Mbit/s
95th percentile per-packet one-way delay: 2.993 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 583.32 Mbit/s
95th percentile per-packet one-way delay: 2.993 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

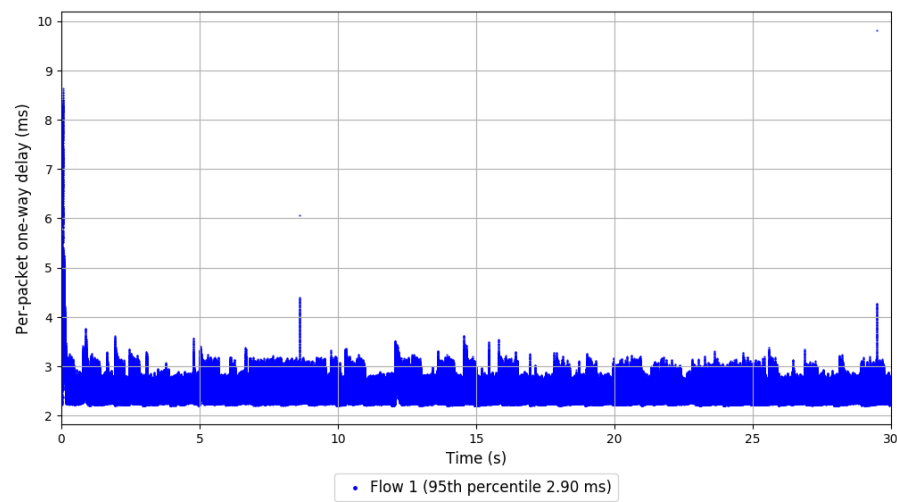
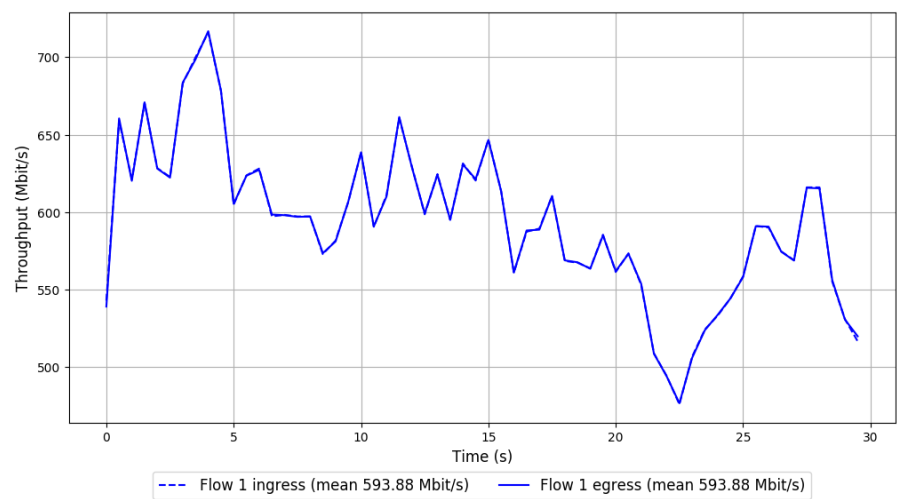


Run 6: Statistics of TCP Vegas

Start at: 2017-09-18 02:32:12
End at: 2017-09-18 02:32:42
Local clock offset: -4.783 ms
Remote clock offset: -0.041 ms

Below is generated by plot.py at 2017-09-18 07:35:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 593.88 Mbit/s
95th percentile per-packet one-way delay: 2.896 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 593.88 Mbit/s
95th percentile per-packet one-way delay: 2.896 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

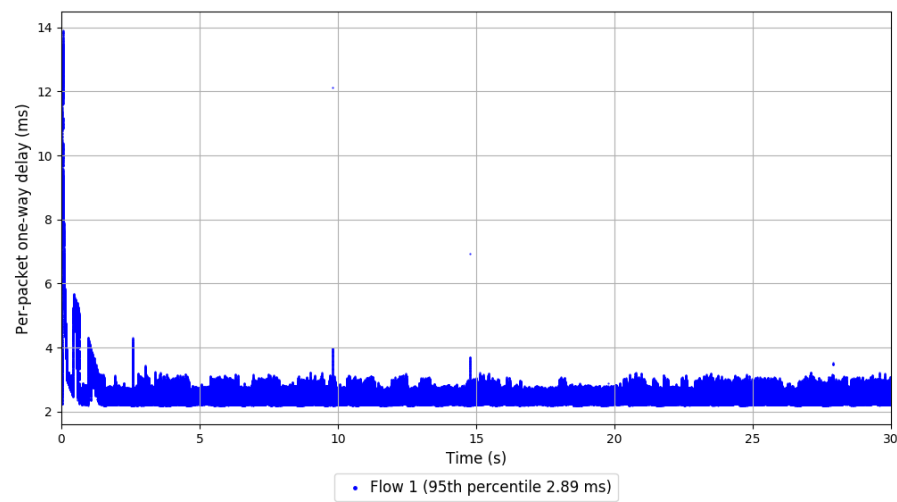
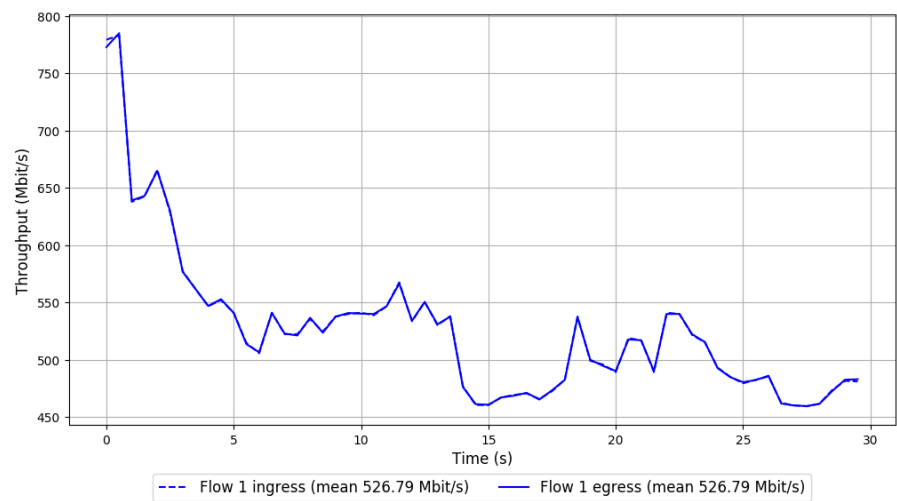


Run 7: Statistics of TCP Vegas

Start at: 2017-09-18 02:51:52
End at: 2017-09-18 02:52:22
Local clock offset: -4.486 ms
Remote clock offset: -0.034 ms

Below is generated by plot.py at 2017-09-18 07:35:44
Datalink statistics
-- Total of 1 flow:
Average throughput: 526.79 Mbit/s
95th percentile per-packet one-way delay: 2.893 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 526.79 Mbit/s
95th percentile per-packet one-way delay: 2.893 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

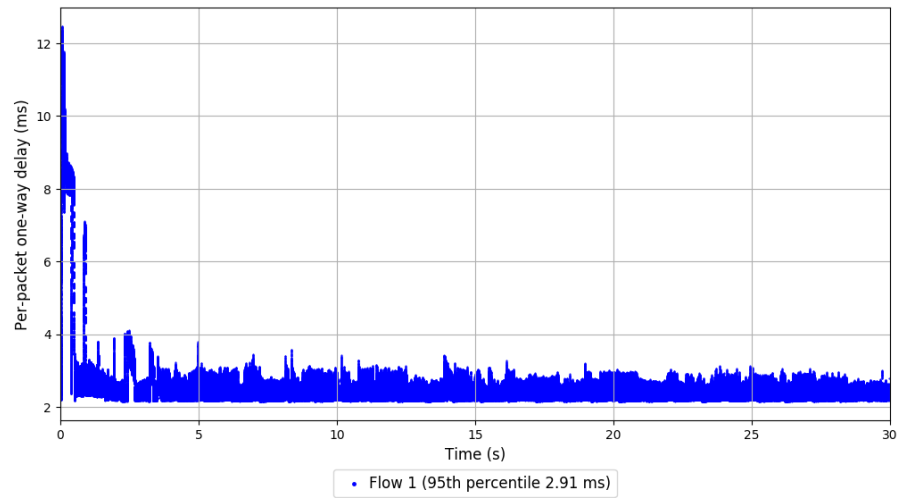
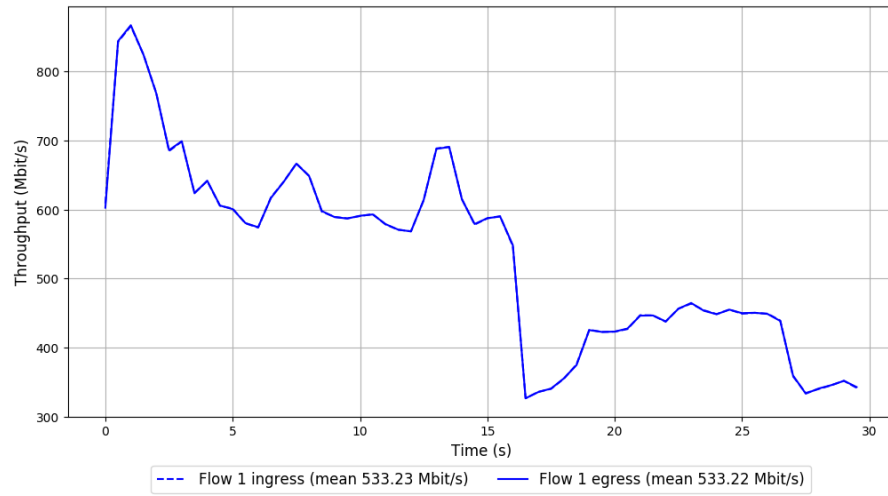


Run 8: Statistics of TCP Vegas

Start at: 2017-09-18 03:11:29
End at: 2017-09-18 03:11:59
Local clock offset: -4.135 ms
Remote clock offset: -0.092 ms

Below is generated by plot.py at 2017-09-18 07:36:55
Datalink statistics
-- Total of 1 flow:
Average throughput: 533.22 Mbit/s
95th percentile per-packet one-way delay: 2.907 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 533.22 Mbit/s
95th percentile per-packet one-way delay: 2.907 ms
Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

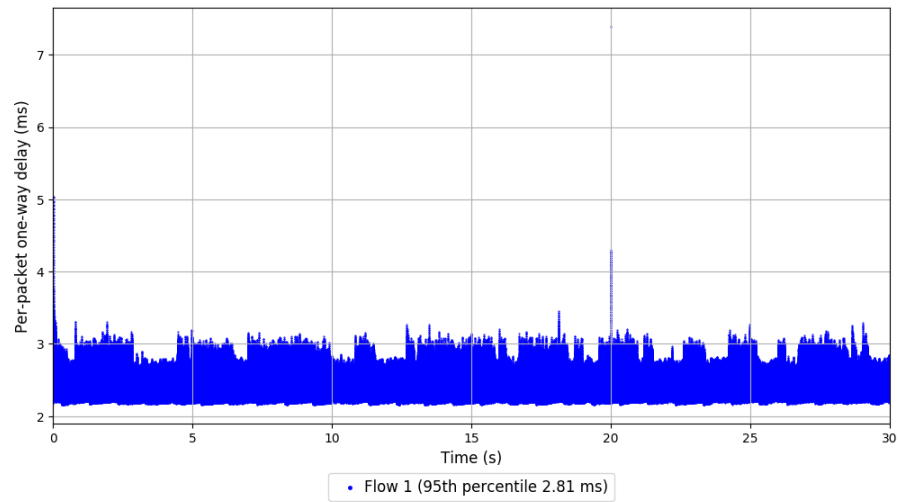
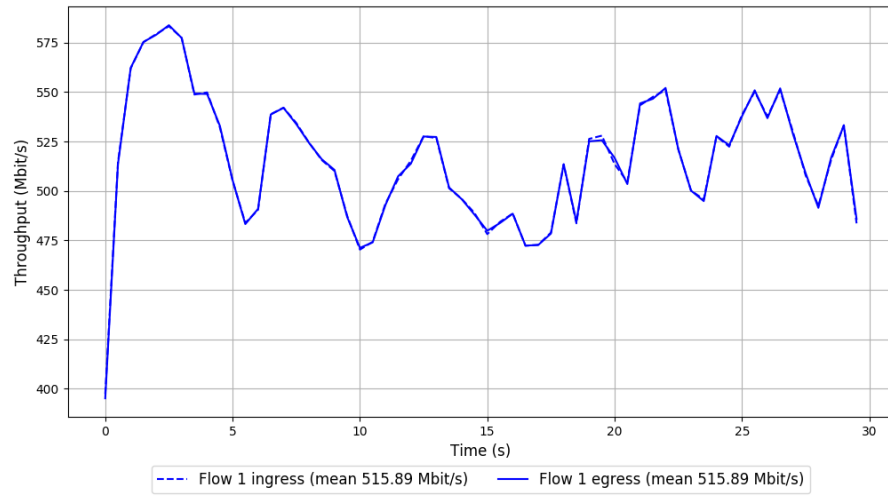


Run 9: Statistics of TCP Vegas

Start at: 2017-09-18 03:31:27
End at: 2017-09-18 03:31:57
Local clock offset: -3.902 ms
Remote clock offset: -0.103 ms

Below is generated by plot.py at 2017-09-18 07:38:26
Datalink statistics
-- Total of 1 flow:
Average throughput: 515.89 Mbit/s
95th percentile per-packet one-way delay: 2.810 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 515.89 Mbit/s
95th percentile per-packet one-way delay: 2.810 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

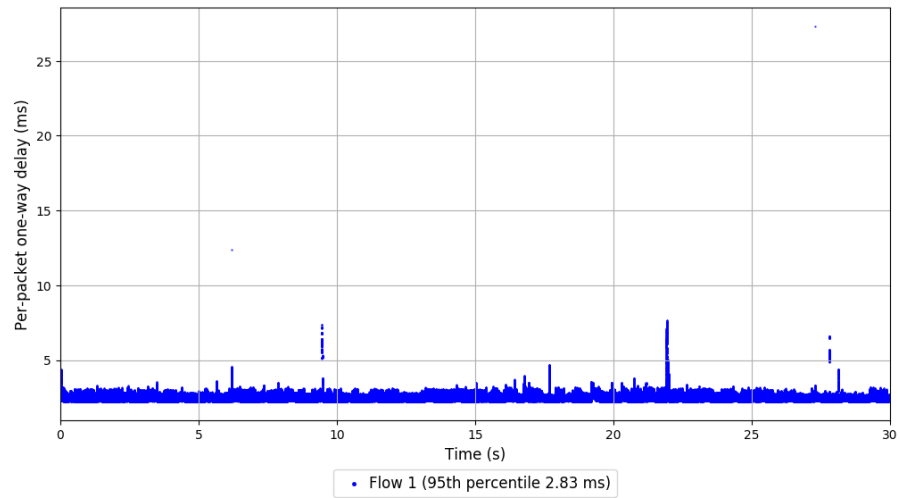
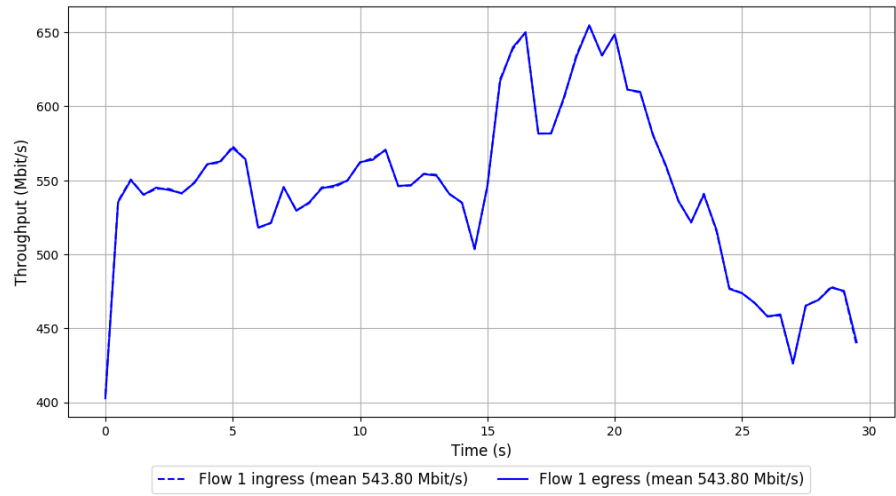


Run 10: Statistics of TCP Vegas

Start at: 2017-09-18 03:50:43
End at: 2017-09-18 03:51:13
Local clock offset: -3.712 ms
Remote clock offset: -0.029 ms

Below is generated by plot.py at 2017-09-18 07:40:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 543.80 Mbit/s
95th percentile per-packet one-way delay: 2.834 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 543.80 Mbit/s
95th percentile per-packet one-way delay: 2.834 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

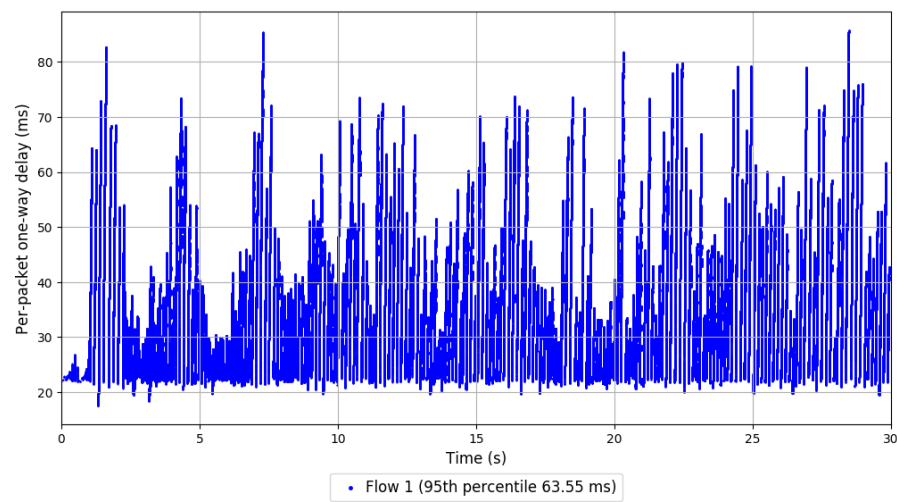
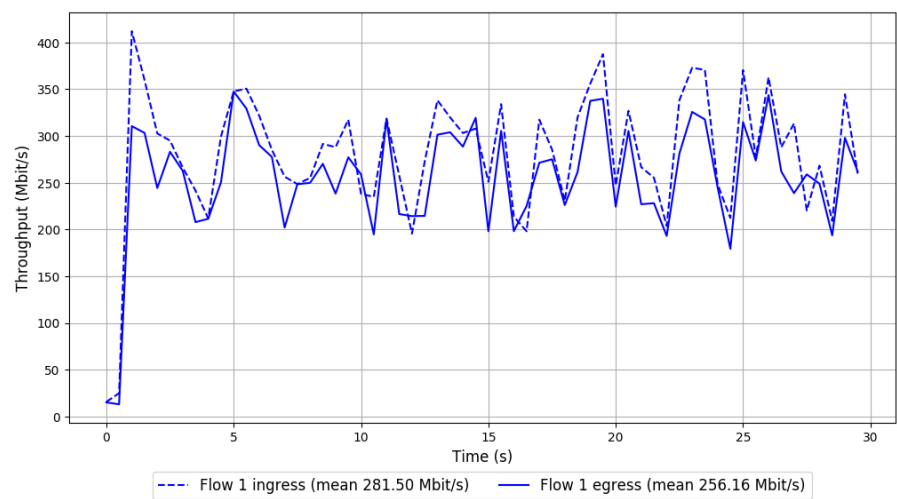


Run 1: Statistics of Verus

Start at: 2017-09-18 00:46:03
End at: 2017-09-18 00:46:33
Local clock offset: -4.505 ms
Remote clock offset: -19.549 ms

Below is generated by plot.py at 2017-09-18 07:40:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 256.16 Mbit/s
95th percentile per-packet one-way delay: 63.553 ms
Loss rate: 8.94%
-- Flow 1:
Average throughput: 256.16 Mbit/s
95th percentile per-packet one-way delay: 63.553 ms
Loss rate: 8.94%

Run 1: Report of Verus — Data Link

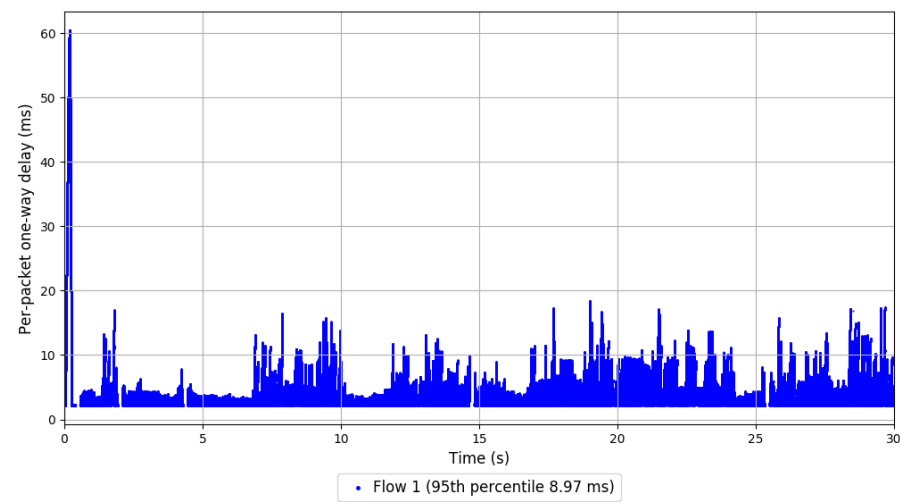
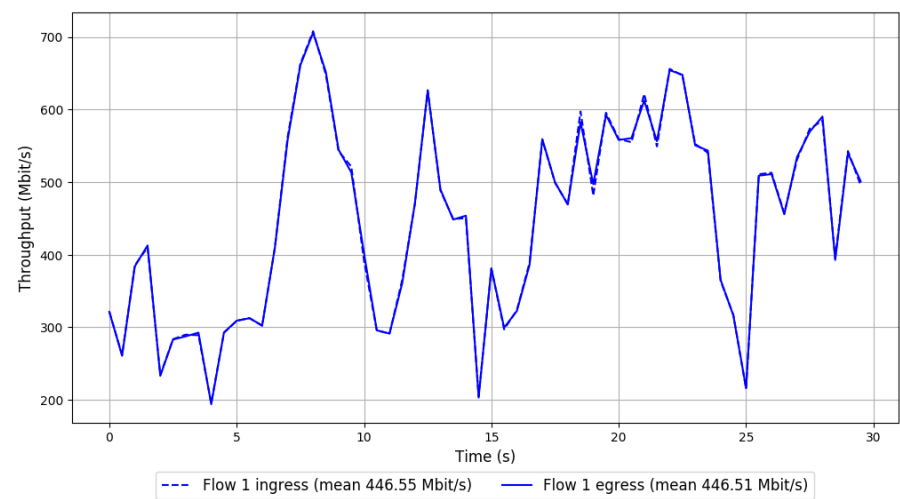


Run 2: Statistics of Verus

Start at: 2017-09-18 01:05:44
End at: 2017-09-18 01:06:14
Local clock offset: -4.432 ms
Remote clock offset: -0.011 ms

Below is generated by plot.py at 2017-09-18 07:40:18
Datalink statistics
-- Total of 1 flow:
Average throughput: 446.51 Mbit/s
95th percentile per-packet one-way delay: 8.971 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 446.51 Mbit/s
95th percentile per-packet one-way delay: 8.971 ms
Loss rate: 0.00%

Run 2: Report of Verus — Data Link

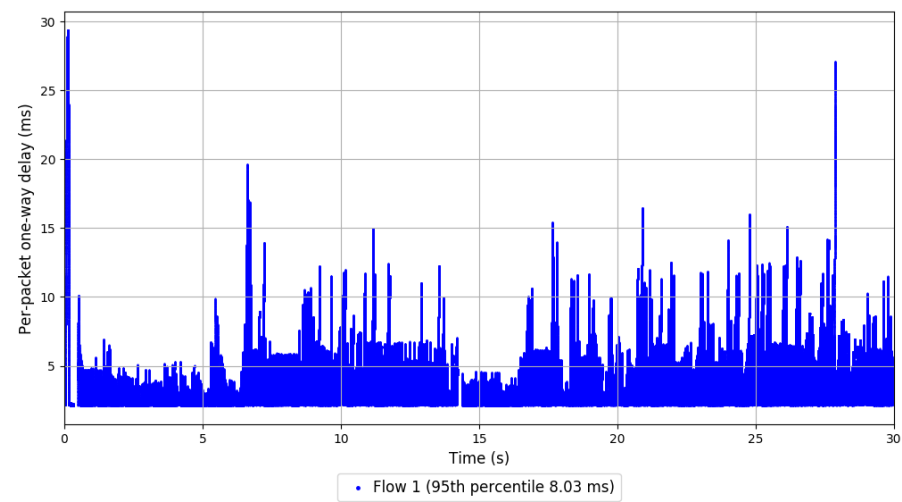
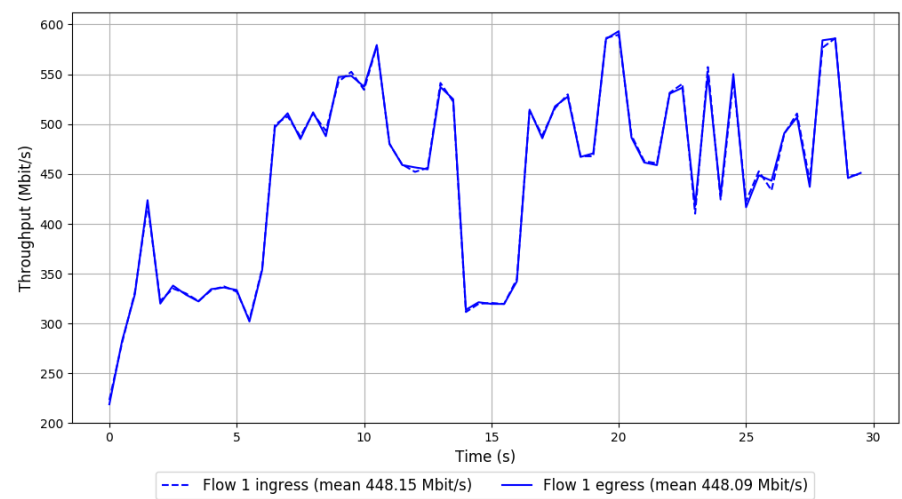


Run 3: Statistics of Verus

Start at: 2017-09-18 01:25:22
End at: 2017-09-18 01:25:52
Local clock offset: -4.53 ms
Remote clock offset: -0.099 ms

Below is generated by plot.py at 2017-09-18 07:41:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 448.09 Mbit/s
95th percentile per-packet one-way delay: 8.028 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 448.09 Mbit/s
95th percentile per-packet one-way delay: 8.028 ms
Loss rate: 0.01%

Run 3: Report of Verus — Data Link

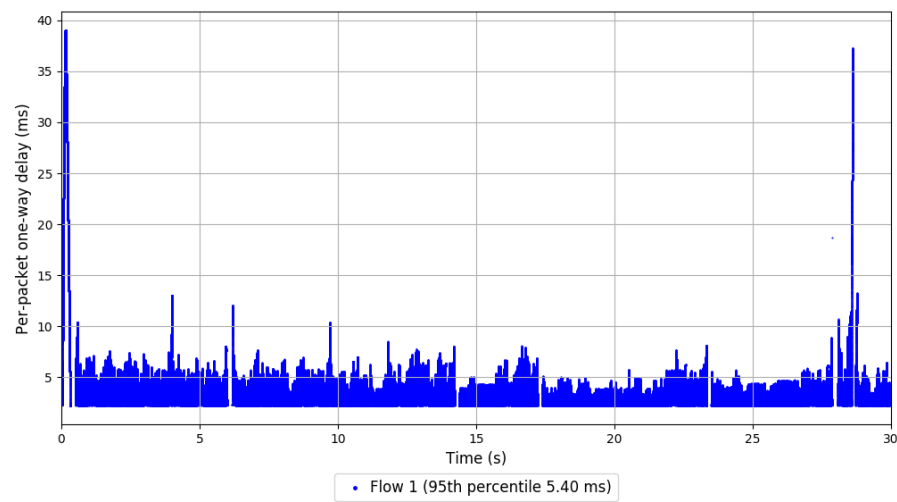
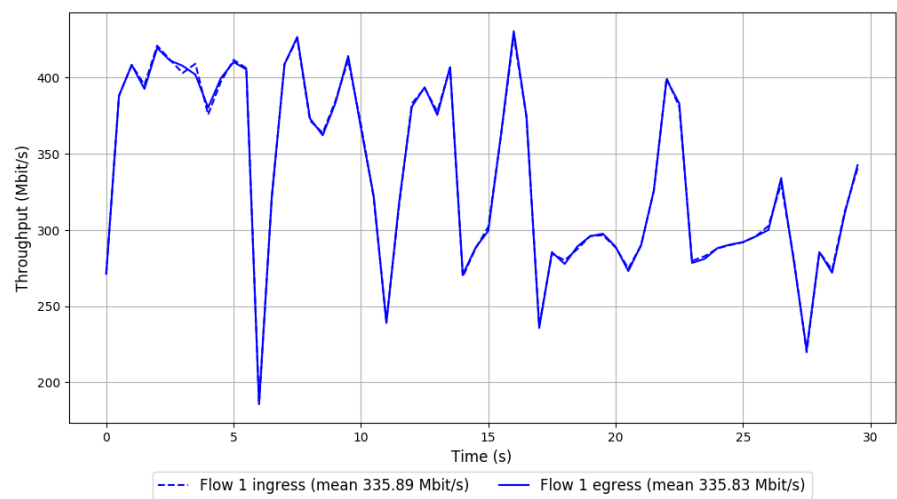


Run 4: Statistics of Verus

Start at: 2017-09-18 01:45:01
End at: 2017-09-18 01:45:31
Local clock offset: -4.575 ms
Remote clock offset: -0.128 ms

Below is generated by plot.py at 2017-09-18 07:41:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 335.83 Mbit/s
95th percentile per-packet one-way delay: 5.402 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 335.83 Mbit/s
95th percentile per-packet one-way delay: 5.402 ms
Loss rate: 0.01%

Run 4: Report of Verus — Data Link

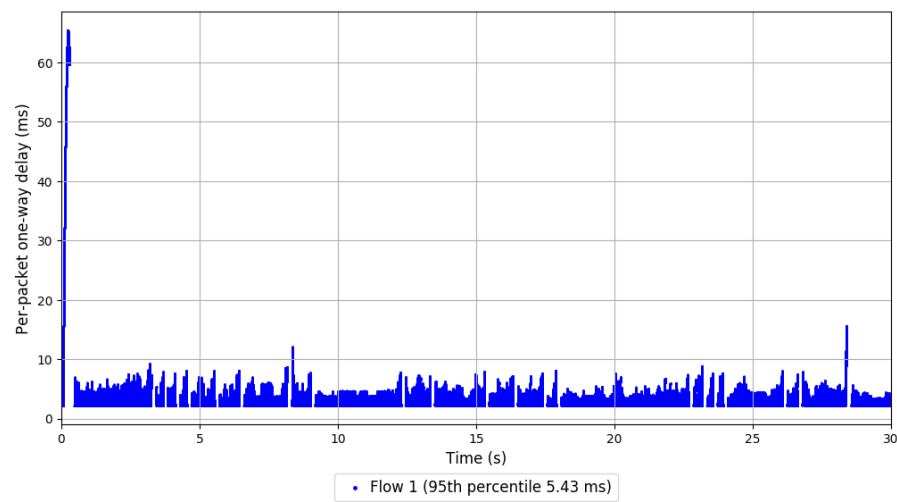
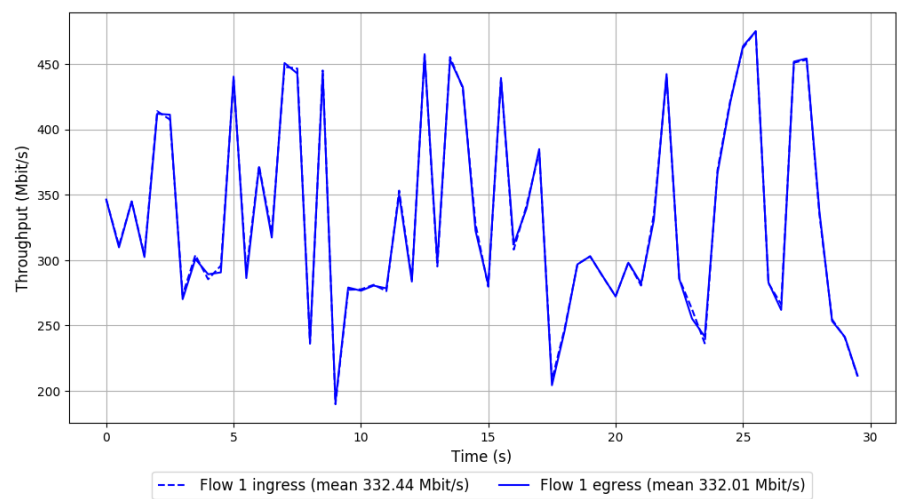


Run 5: Statistics of Verus

Start at: 2017-09-18 02:04:47
End at: 2017-09-18 02:05:17
Local clock offset: -4.672 ms
Remote clock offset: -0.146 ms

Below is generated by plot.py at 2017-09-18 07:41:31
Datalink statistics
-- Total of 1 flow:
Average throughput: 332.01 Mbit/s
95th percentile per-packet one-way delay: 5.435 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 332.01 Mbit/s
95th percentile per-packet one-way delay: 5.435 ms
Loss rate: 0.13%

Run 5: Report of Verus — Data Link

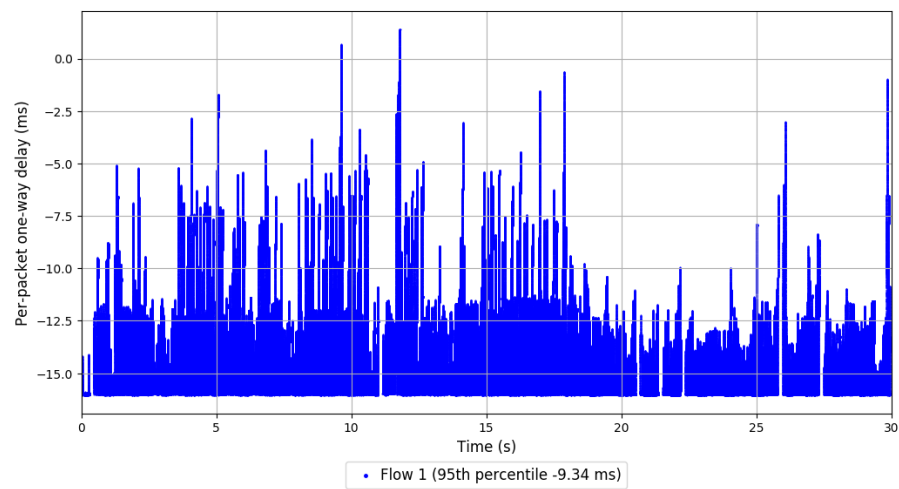
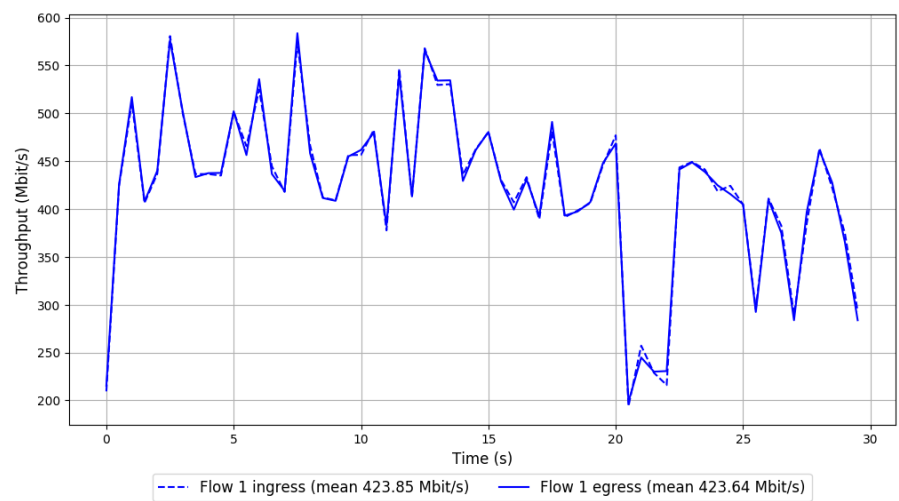


Run 6: Statistics of Verus

Start at: 2017-09-18 02:24:29
End at: 2017-09-18 02:24:59
Local clock offset: -4.654 ms
Remote clock offset: -18.263 ms

Below is generated by plot.py at 2017-09-18 07:42:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 423.64 Mbit/s
95th percentile per-packet one-way delay: -9.338 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 423.64 Mbit/s
95th percentile per-packet one-way delay: -9.338 ms
Loss rate: 0.05%

Run 6: Report of Verus — Data Link

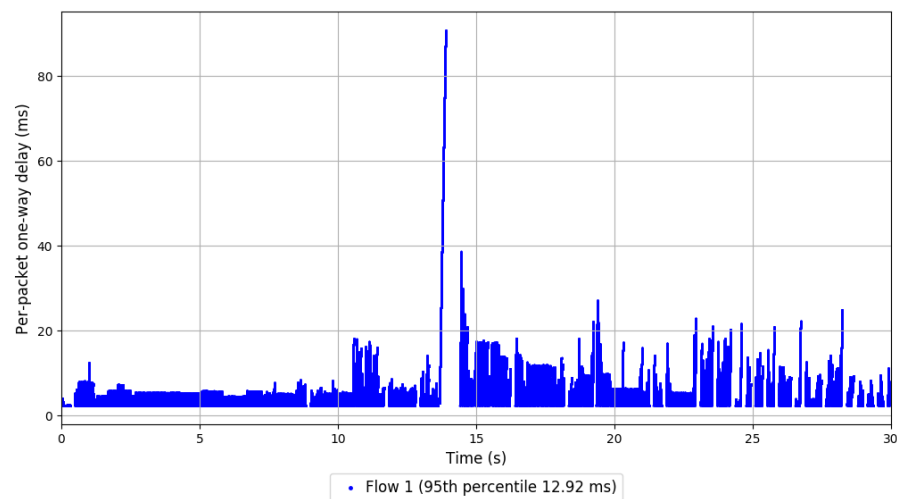
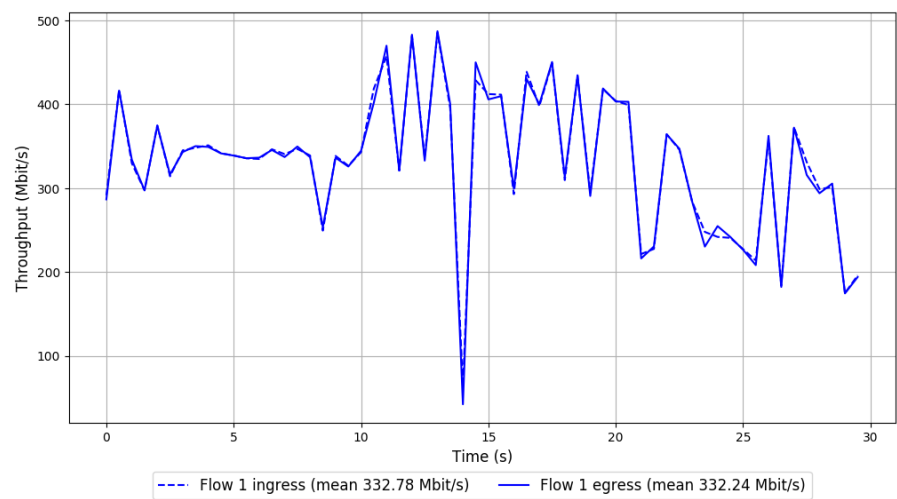


Run 7: Statistics of Verus

Start at: 2017-09-18 02:44:18
End at: 2017-09-18 02:44:48
Local clock offset: -4.662 ms
Remote clock offset: -0.021 ms

Below is generated by plot.py at 2017-09-18 07:42:07
Datalink statistics
-- Total of 1 flow:
Average throughput: 332.24 Mbit/s
95th percentile per-packet one-way delay: 12.922 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 332.24 Mbit/s
95th percentile per-packet one-way delay: 12.922 ms
Loss rate: 0.16%

Run 7: Report of Verus — Data Link



Run 8: Statistics of Verus

Start at: 2017-09-18 03:03:59

End at: 2017-09-18 03:04:29

Local clock offset: -4.281 ms

Remote clock offset: 0.0 ms

Below is generated by plot.py at 2017-09-18 07:42:19

Datalink statistics

-- Total of 1 flow:

Average throughput: 346.62 Mbit/s

95th percentile per-packet one-way delay: 9.059 ms

Loss rate: 0.01%

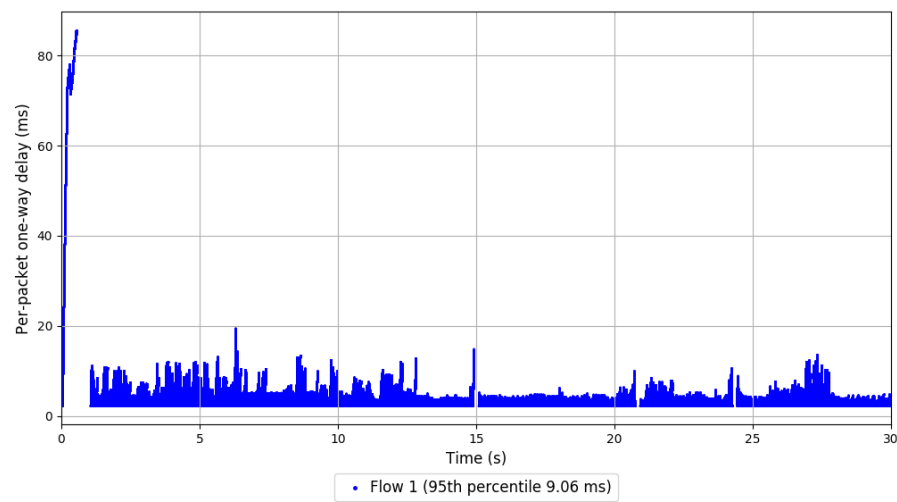
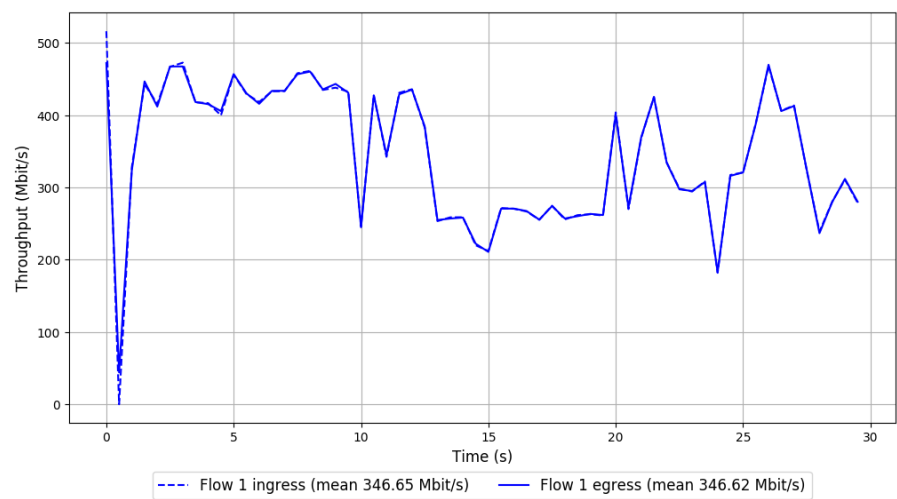
-- Flow 1:

Average throughput: 346.62 Mbit/s

95th percentile per-packet one-way delay: 9.059 ms

Loss rate: 0.01%

Run 8: Report of Verus — Data Link

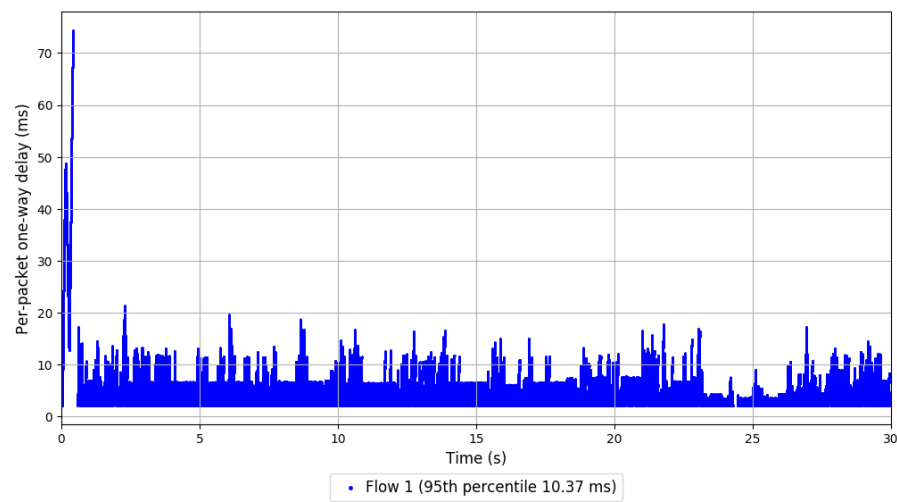
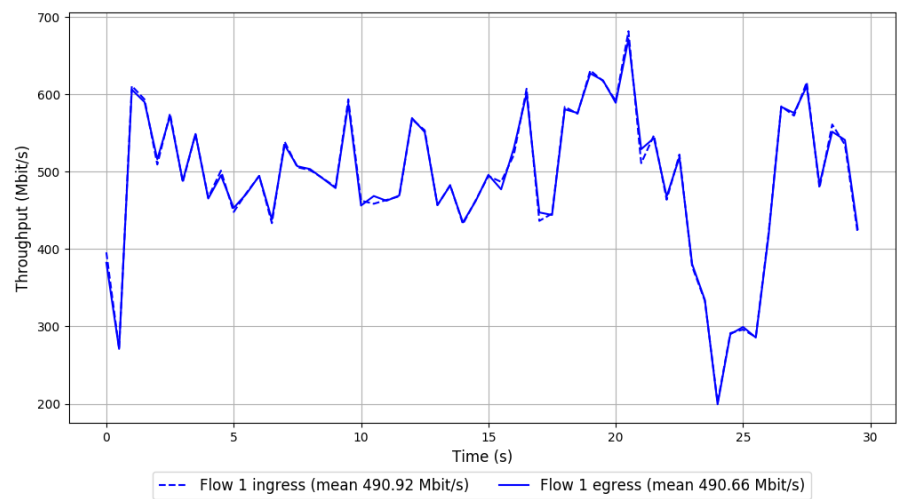


Run 9: Statistics of Verus

Start at: 2017-09-18 03:23:52
End at: 2017-09-18 03:24:22
Local clock offset: -3.947 ms
Remote clock offset: -0.113 ms

Below is generated by plot.py at 2017-09-18 07:42:58
Datalink statistics
-- Total of 1 flow:
Average throughput: 490.66 Mbit/s
95th percentile per-packet one-way delay: 10.373 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 490.66 Mbit/s
95th percentile per-packet one-way delay: 10.373 ms
Loss rate: 0.05%

Run 9: Report of Verus — Data Link

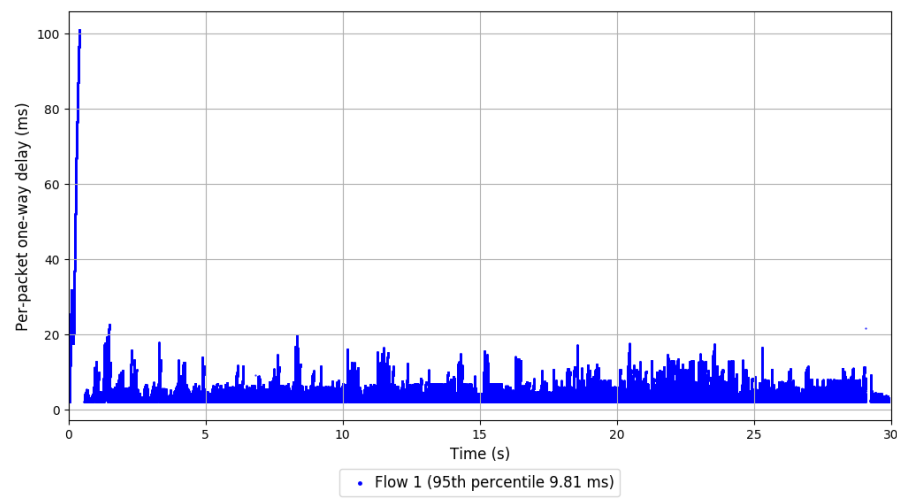
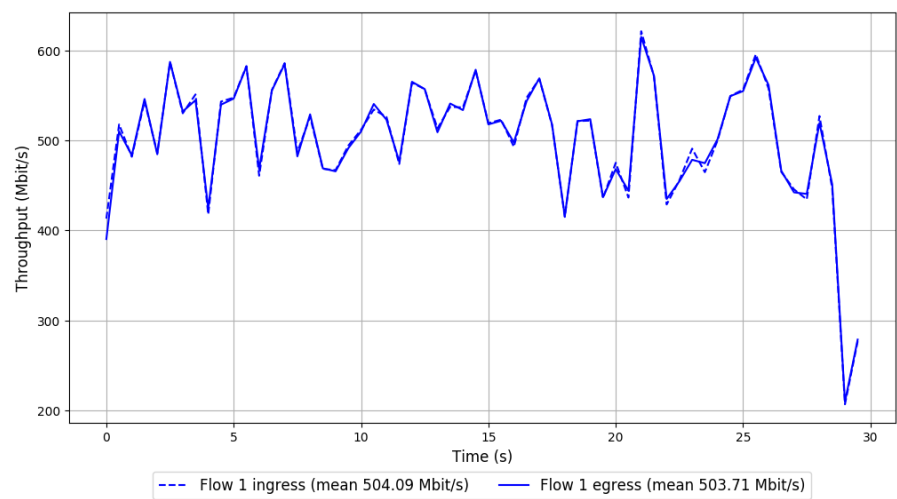


Run 10: Statistics of Verus

Start at: 2017-09-18 03:42:51
End at: 2017-09-18 03:43:21
Local clock offset: -3.743 ms
Remote clock offset: -0.092 ms

Below is generated by plot.py at 2017-09-18 07:43:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 503.71 Mbit/s
95th percentile per-packet one-way delay: 9.814 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 503.71 Mbit/s
95th percentile per-packet one-way delay: 9.814 ms
Loss rate: 0.08%

Run 10: Report of Verus — Data Link



Run 1: Statistics of WebRTC media

Start at: 2017-09-18 00:41:17

End at: 2017-09-18 00:41:47

Local clock offset: -4.598 ms

Remote clock offset: 0.009 ms

Below is generated by plot.py at 2017-09-18 07:43:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 42.498 ms

Loss rate: 6.31%

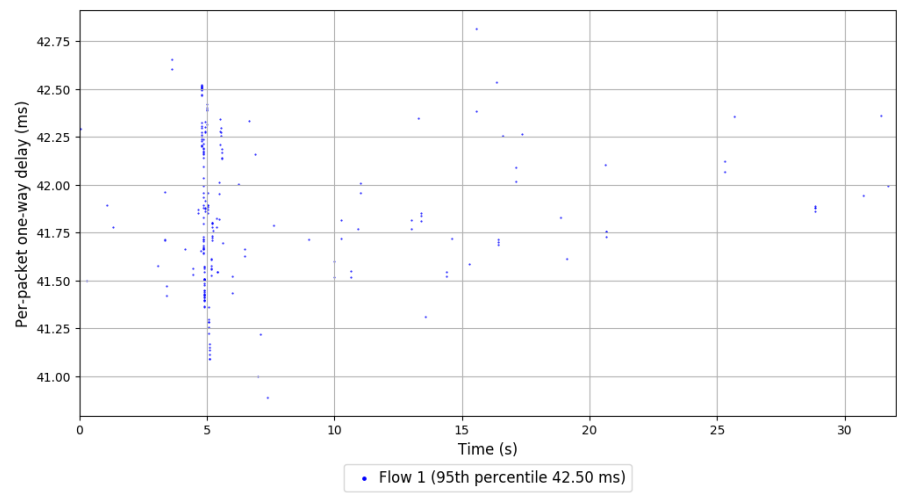
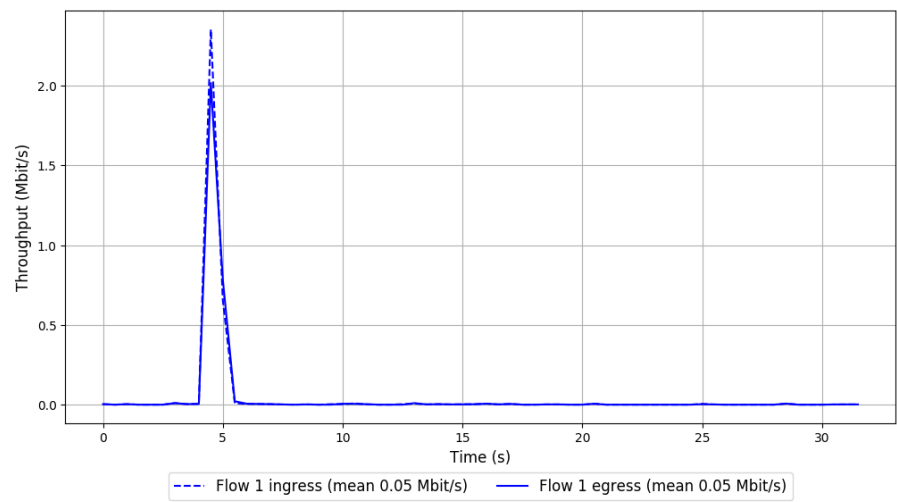
-- Flow 1:

Average throughput: 0.05 Mbit/s

95th percentile per-packet one-way delay: 42.498 ms

Loss rate: 6.31%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2017-09-18 01:00:52

End at: 2017-09-18 01:01:22

Local clock offset: -4.451 ms

Remote clock offset: 0.017 ms

Below is generated by plot.py at 2017-09-18 07:43:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 2.690 ms

Loss rate: 0.00%

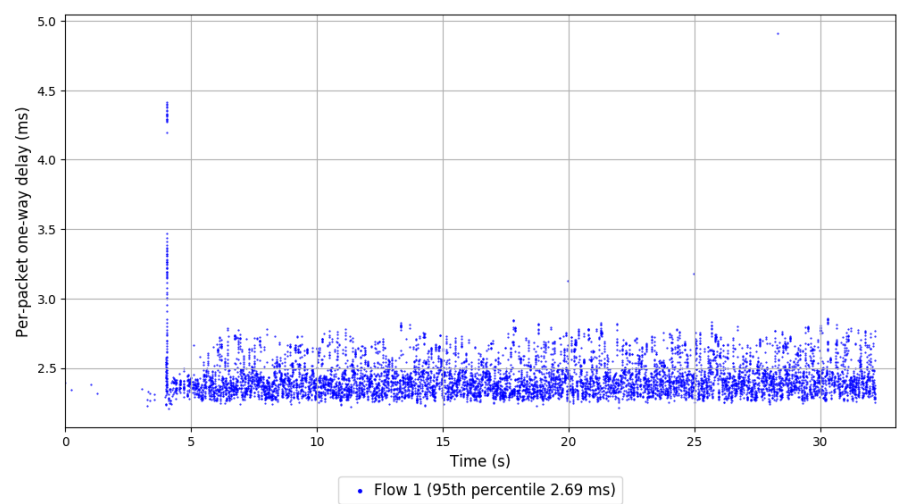
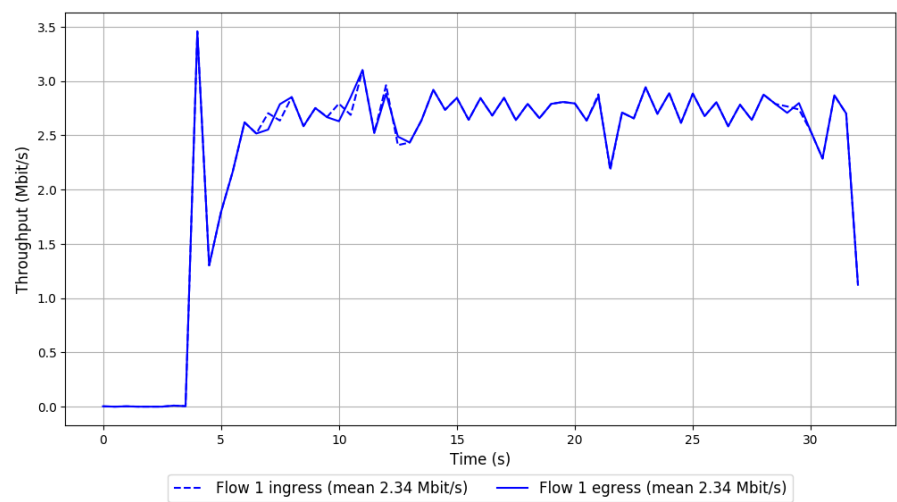
-- Flow 1:

Average throughput: 2.34 Mbit/s

95th percentile per-packet one-way delay: 2.690 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

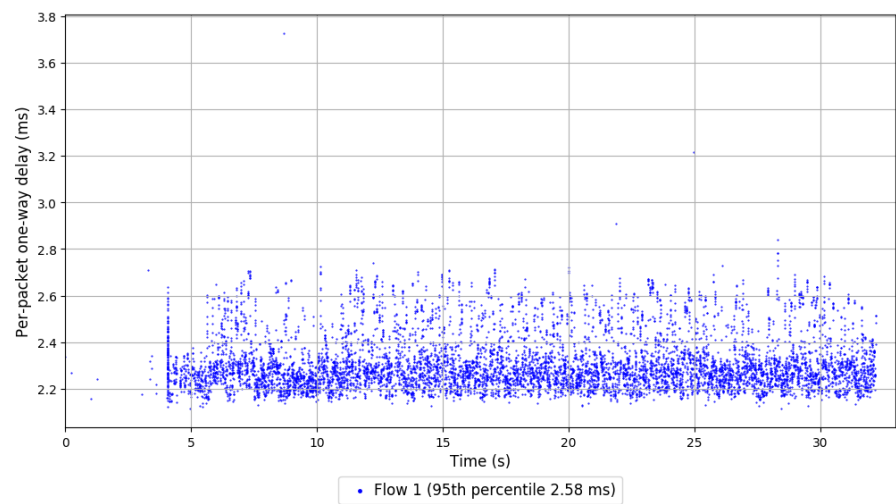
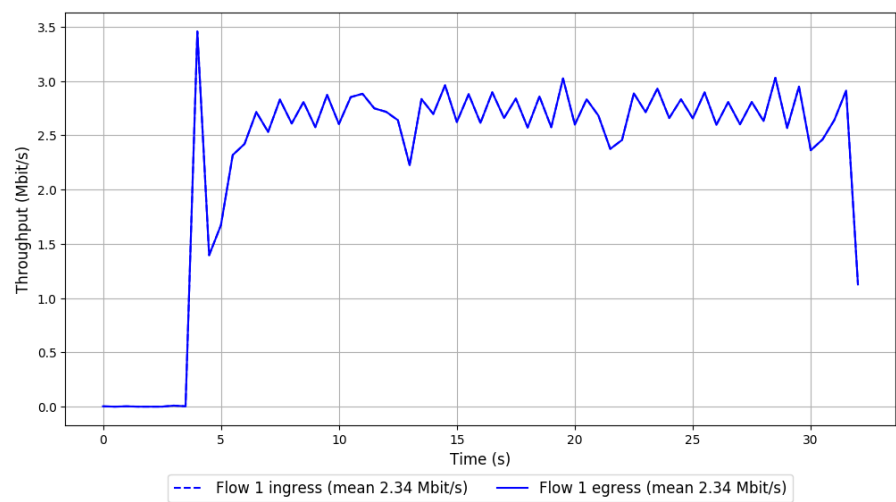


Run 3: Statistics of WebRTC media

Start at: 2017-09-18 01:20:31
End at: 2017-09-18 01:21:01
Local clock offset: -4.63 ms
Remote clock offset: -0.099 ms

Below is generated by plot.py at 2017-09-18 07:43:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 2.581 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 2.581 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

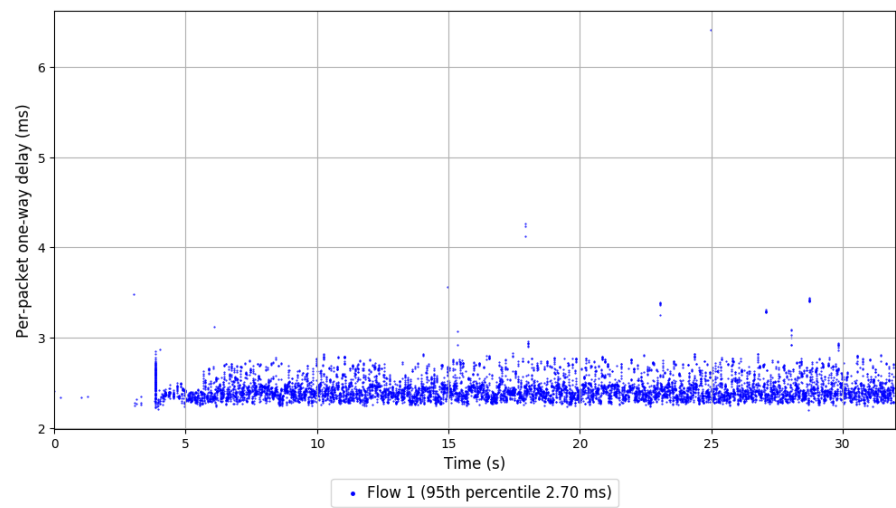
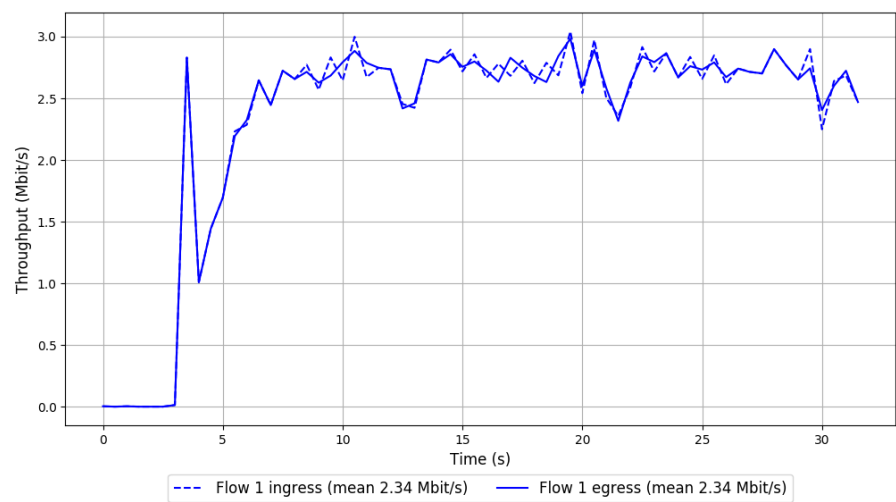


Run 4: Statistics of WebRTC media

Start at: 2017-09-18 01:40:12
End at: 2017-09-18 01:40:42
Local clock offset: -4.542 ms
Remote clock offset: -0.058 ms

Below is generated by plot.py at 2017-09-18 07:43:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 2.696 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 2.696 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

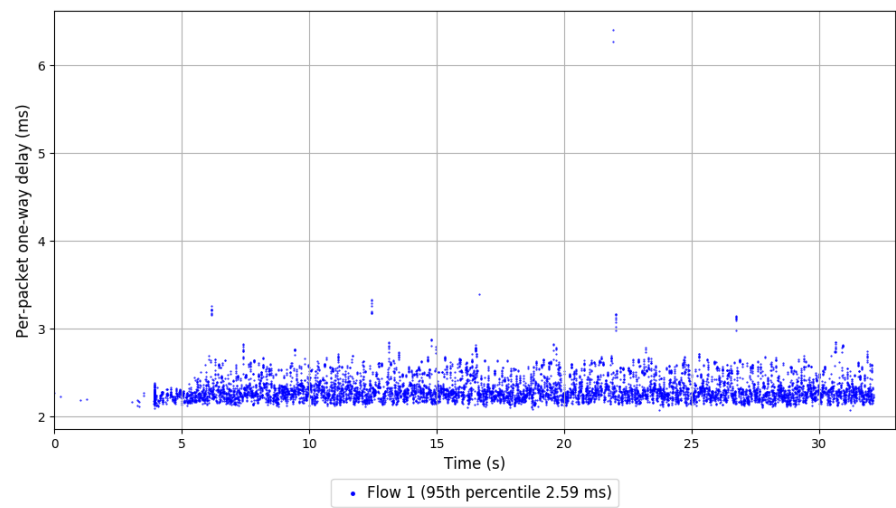
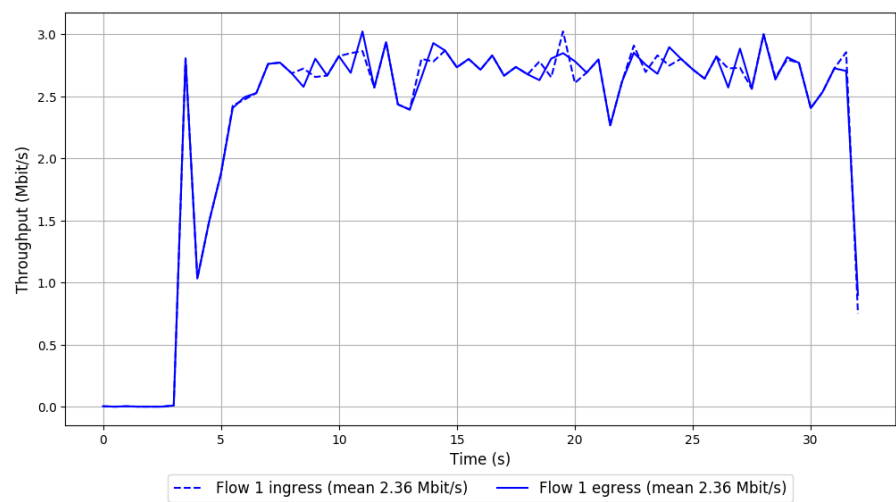


Run 5: Statistics of WebRTC media

Start at: 2017-09-18 01:59:56
End at: 2017-09-18 02:00:26
Local clock offset: -4.577 ms
Remote clock offset: -0.144 ms

Below is generated by plot.py at 2017-09-18 07:43:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 2.591 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 2.591 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

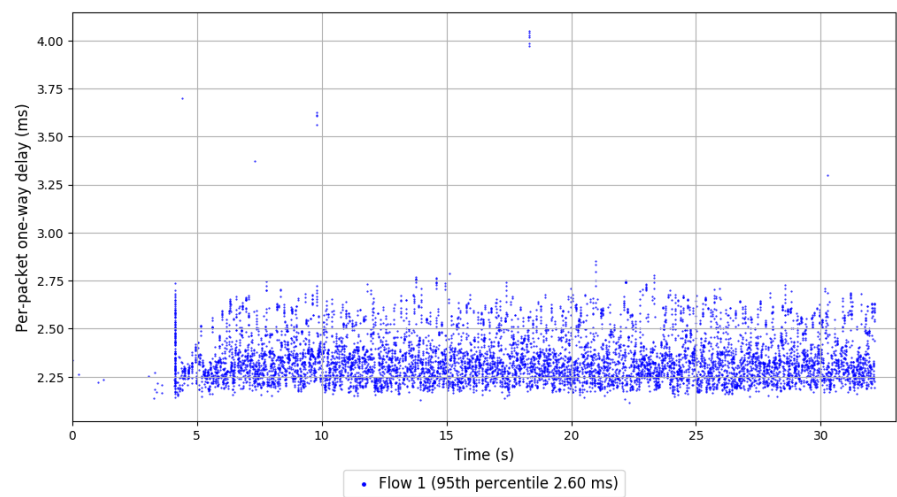
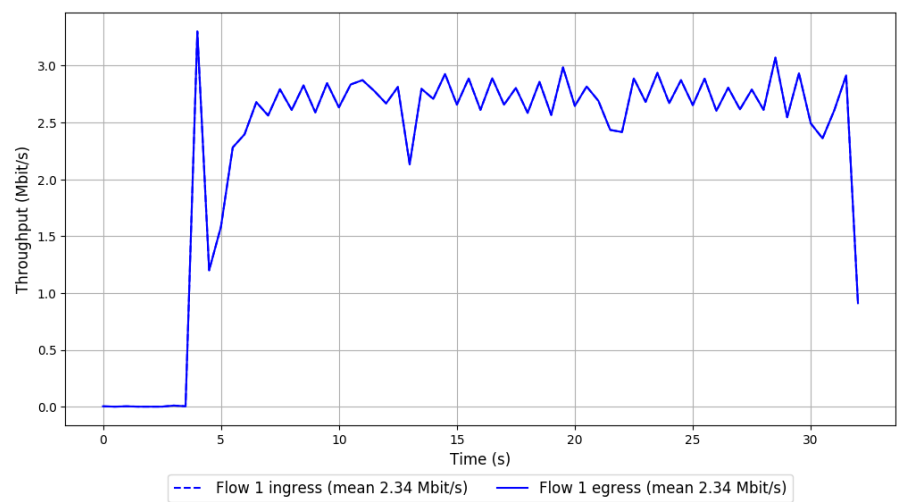


Run 6: Statistics of WebRTC media

Start at: 2017-09-18 02:19:37
End at: 2017-09-18 02:20:07
Local clock offset: -4.6 ms
Remote clock offset: -0.055 ms

Below is generated by plot.py at 2017-09-18 07:43:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 2.601 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 2.601 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

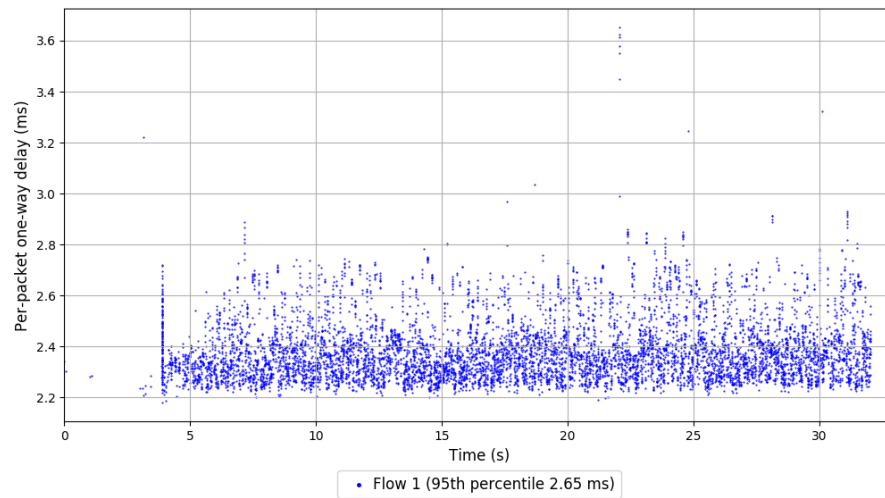
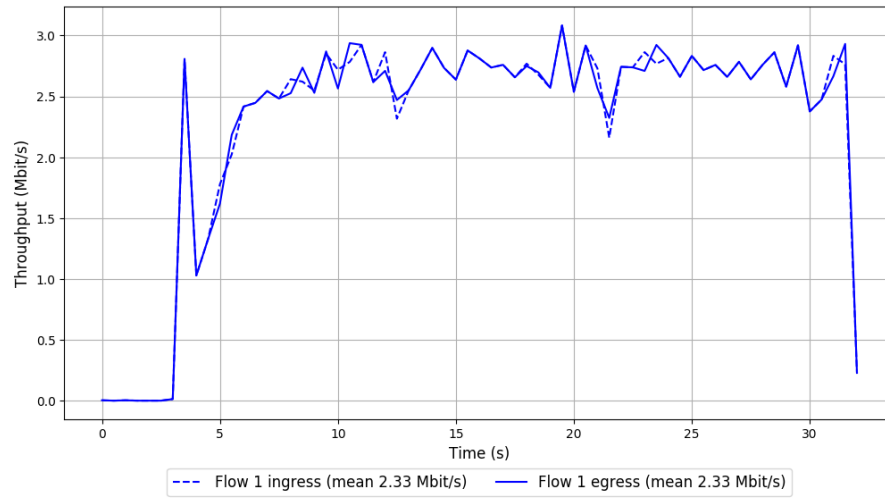


Run 7: Statistics of WebRTC media

Start at: 2017-09-18 02:39:26
End at: 2017-09-18 02:39:56
Local clock offset: -4.754 ms
Remote clock offset: -0.012 ms

Below is generated by plot.py at 2017-09-18 07:43:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 2.646 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 2.646 ms
Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

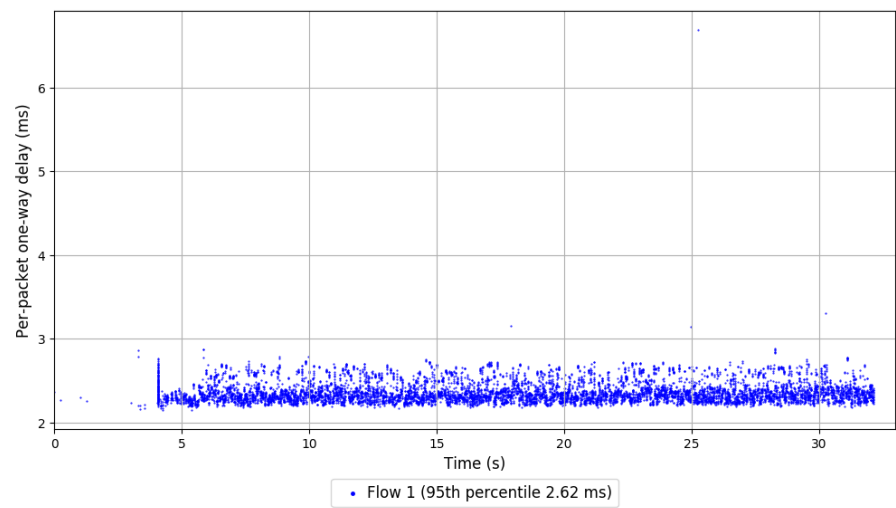
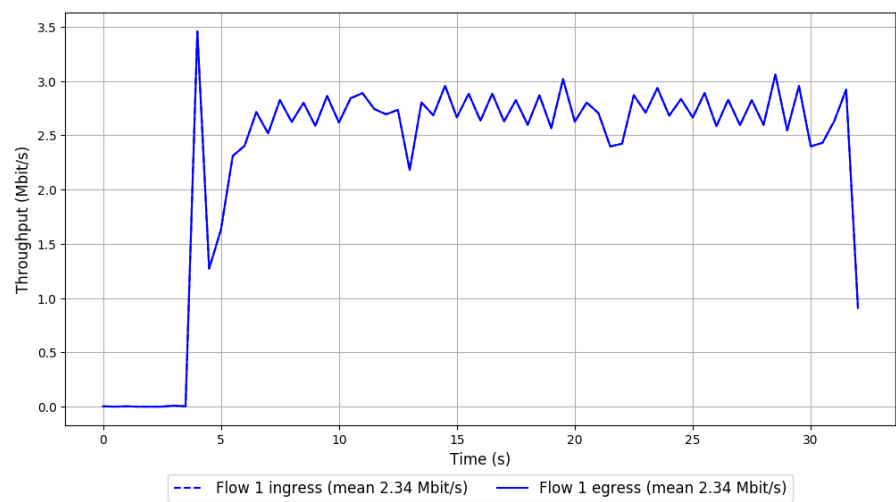


Run 8: Statistics of WebRTC media

Start at: 2017-09-18 02:59:06
End at: 2017-09-18 02:59:36
Local clock offset: -4.327 ms
Remote clock offset: -0.028 ms

Below is generated by plot.py at 2017-09-18 07:43:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 2.623 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.34 Mbit/s
95th percentile per-packet one-way delay: 2.623 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

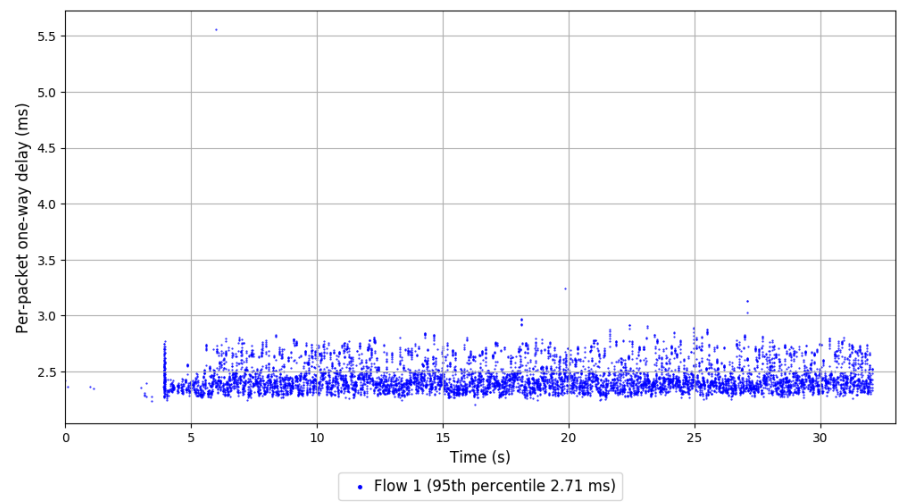
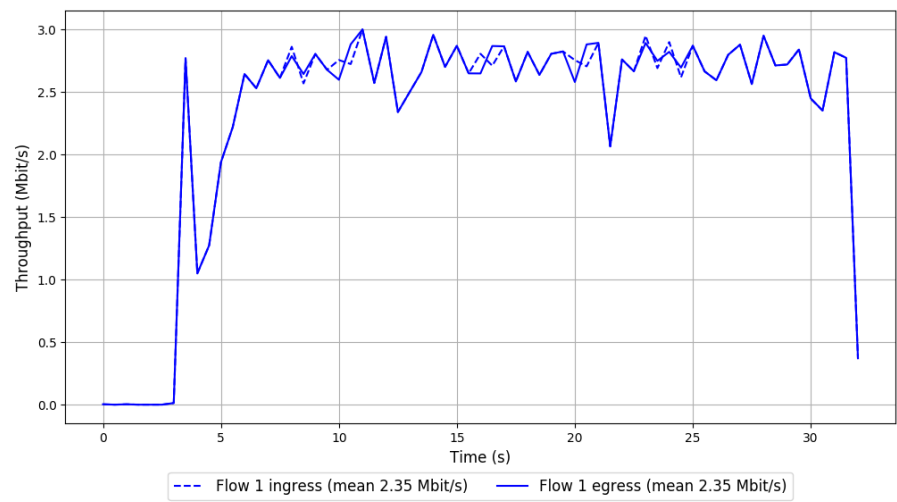


Run 9: Statistics of WebRTC media

Start at: 2017-09-18 03:19:00
End at: 2017-09-18 03:19:30
Local clock offset: -4.074 ms
Remote clock offset: -0.043 ms

Below is generated by plot.py at 2017-09-18 07:43:00
Datalink statistics
-- Total of 1 flow:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 2.707 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.35 Mbit/s
95th percentile per-packet one-way delay: 2.707 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2017-09-18 03:38:02

End at: 2017-09-18 03:38:32

Local clock offset: -3.781 ms

Remote clock offset: -0.061 ms

Below is generated by plot.py at 2017-09-18 07:43:00

Datalink statistics

-- Total of 1 flow:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 2.600 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.35 Mbit/s

95th percentile per-packet one-way delay: 2.600 ms

Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

