

Pantheon Report

Generated at 2018-03-06 19:23:43 (UTC).

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

Repeated the test of 17 congestion control schemes 10 times.

Each test lasted for 30 seconds running 3 flows with 10-second interval between two flows.

Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

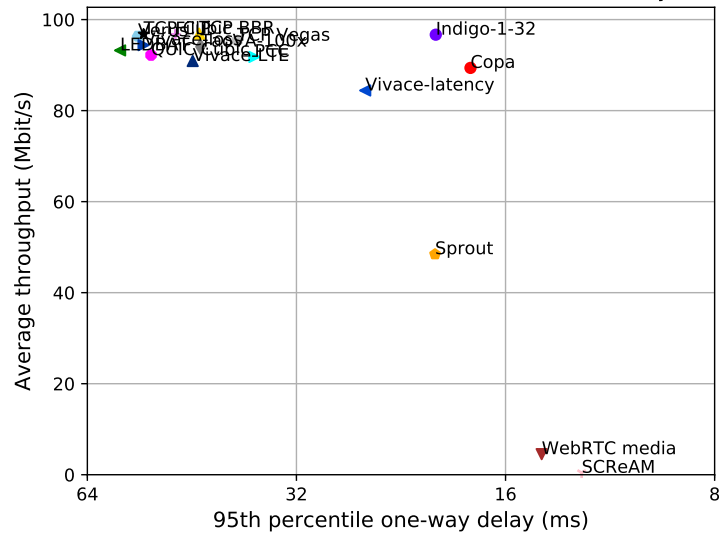
Tested BBR with qdisc of Fair Queuing (**fq**), and other schemes with the default Linux qdisc (**pfifo_fast**).

NTP offsets were measured against **nets.org.sg** and have been applied to correct the timestamps in logs.

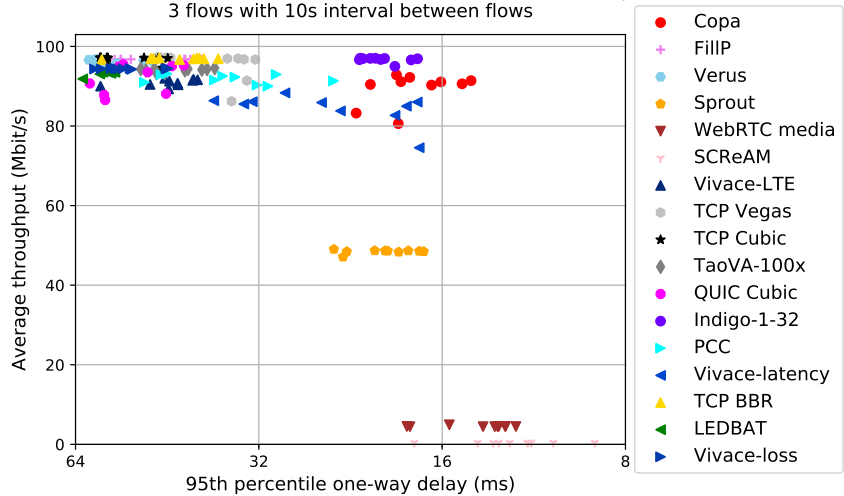
Git summary:

```
branch: master @ f12c42a2c63fdd9a862eefa0468859bf379b6623
third_party/calibrated_koho @ 3cb73c0d1c0322cdfae446ea37a522e53227db50
  M datagrump/sender.cc
third_party/fillp @ 828bbf95fd4941149b5cec90f281d1c69ae1a5c6
third_party/genericCC @ 9249eea3238475c4d8cca1443d28df70bff6c4a2
third_party/indigo @ a9b2060d39e4da2e8987e893e3eca2a6c7cd0ab9
third_party/indigo-1-layer-128-unit @ 3ae9e4ef4230db7484501f82ce8b377695f2f66d
third_party/indigo-1-layer-32-unit @ 2601c92e4aa9d58d38dc4dfe0ecd9c077e64d
third_party/indigo-1-layer-32-unit-no-calib @ 1f3a7f75b41135ed5b540c0fd3505939528e2a5f
third_party/indigo-no-calib @ 7224f2202e8a044d8306fa0b983ad84360c53d89
third_party/koho_cc @ f0f2e693303aee82ea808e6928eac4f1083a6681
  M datagrump/sender.cc
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ fb1053193c2861da659ba9013db26744ccfcf993
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
  M receiver/src/buffer.h
  M receiver/src/core.cpp
  M sender/src/buffer.h
  M sender/src/core.cpp
third_party/proto-quic @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream @ c3370fd7bd17265a79aeb34e4016ad23f5965885
third_party/sourdough @ f1a14bffe749737437f61b1eae30b267cde681
third_party/sprout @ 6f2efe6e088d91066a9f023df375eee2665089ce
  M src/examples/cellsim.cc
  M src/examples/sproutbt2.cc
  M src/network/sproutconn.cc
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
  M src/verus.hpp
  M tools/plot.py
third_party/vivace @ 7a4ba531e75b4a6f66f5c4580192120401784ce3
third_party/webrtc @ a488197ddd041ace68a42849b2540ad834825f42
```

test from India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



test from India Ethernet to AWS India 1 Ethernet, 10 runs of 30s each per scheme
3 flows with 10s interval between flows



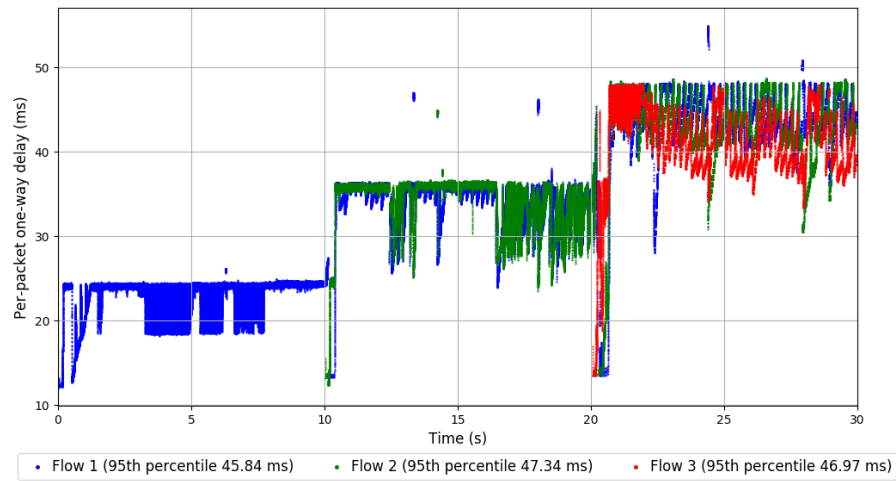
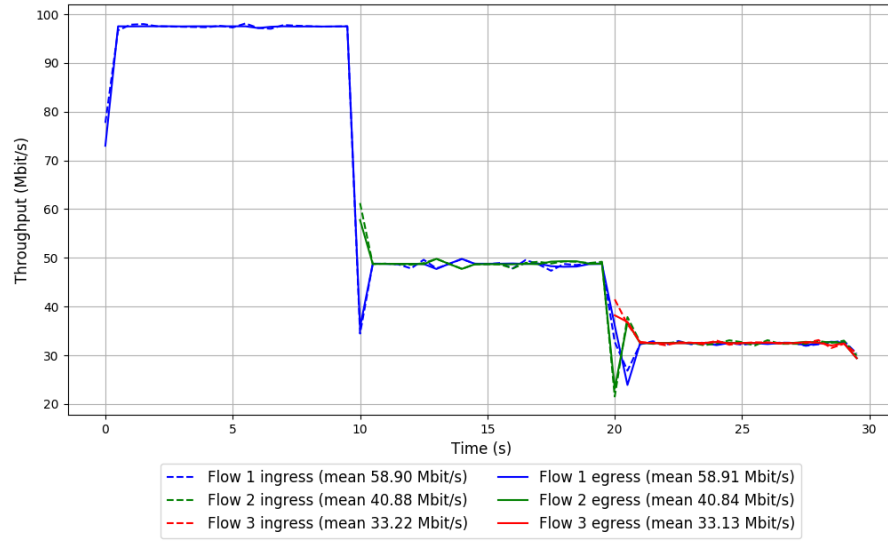
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	57.81	40.60	36.53	42.16	42.83	46.32	0.09	0.20	0.49
TCP Cubic	10	61.56	39.88	31.96	43.71	53.51	49.30	0.11	0.23	0.84
LEDBAT	8	57.04	41.35	29.05	52.96	46.89	49.79	0.12	0.28	0.85
PCC	10	64.21	31.58	20.04	36.45	33.57	27.13	0.07	0.17	0.32
QUIC Cubic	10	55.19	39.30	33.20	47.48	49.78	45.60	0.11	0.23	0.61
SCReAM	10	0.21	0.21	0.22	12.43	12.43	12.44	0.13	0.00	0.17
WebRTC media	10	2.40	1.48	0.65	14.14	14.21	14.32	0.07	0.16	0.14
Sprout	10	24.37	24.34	23.98	19.54	20.52	20.34	0.09	0.15	0.30
TaoVA-100x	10	56.89	39.32	33.25	41.92	42.49	40.80	0.11	0.25	0.61
TCP Vegas	10	56.27	42.77	33.79	34.89	32.45	34.90	0.07	0.10	0.39
Verus	10	58.93	41.97	28.67	49.46	47.80	52.37	0.10	0.23	0.66
Copa	10	53.91	38.37	30.04	17.43	18.57	18.85	0.05	0.11	0.28
FillP	9	60.03	39.92	32.64	42.56	46.34	45.00	0.29	1.20	2.29
Indigo-1-32	10	59.02	39.39	35.21	18.95	20.16	20.38	0.05	0.11	0.31
Vivace-latency	10	57.88	30.26	19.54	25.23	26.43	29.03	0.05	0.15	0.57
Vivace-loss	10	59.75	41.39	24.08	44.62	46.99	54.18	0.11	0.27	1.01
Vivace-LTE	10	57.39	38.55	23.99	42.44	42.72	41.98	0.08	0.15	0.49

Run 1: Statistics of TCP BBR

Start at: 2018-03-06 11:45:56
End at: 2018-03-06 11:46:26
Local clock offset: 2.43 ms
Remote clock offset: -7.309 ms

Below is generated by plot.py at 2018-03-06 18:55:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.07 Mbit/s
95th percentile per-packet one-way delay: 46.644 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 58.91 Mbit/s
95th percentile per-packet one-way delay: 45.841 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.84 Mbit/s
95th percentile per-packet one-way delay: 47.344 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 33.13 Mbit/s
95th percentile per-packet one-way delay: 46.972 ms
Loss rate: 0.51%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

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

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

Local clock offset: 0.105 ms

Remote clock offset: 3.966 ms

Below is generated by plot.py at 2018-03-06 18:55:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.06 Mbit/s

95th percentile per-packet one-way delay: 40.410 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 58.92 Mbit/s

95th percentile per-packet one-way delay: 36.801 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 40.73 Mbit/s

95th percentile per-packet one-way delay: 40.875 ms

Loss rate: 0.20%

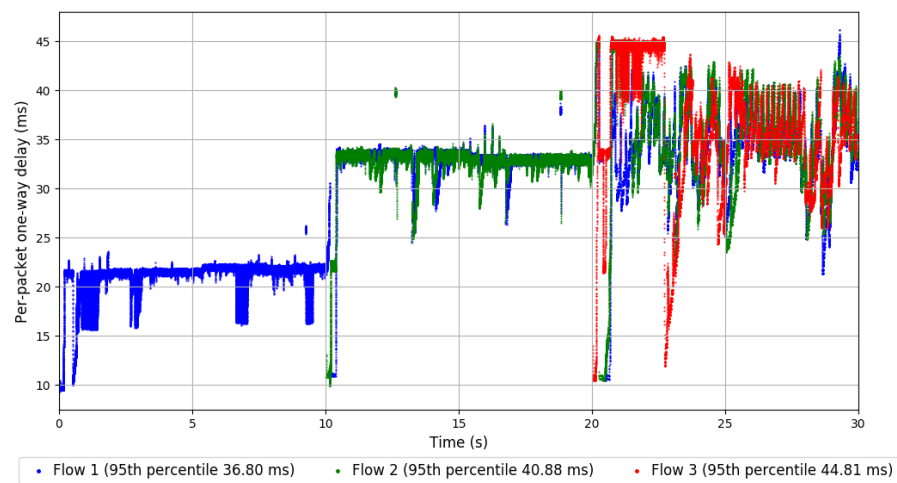
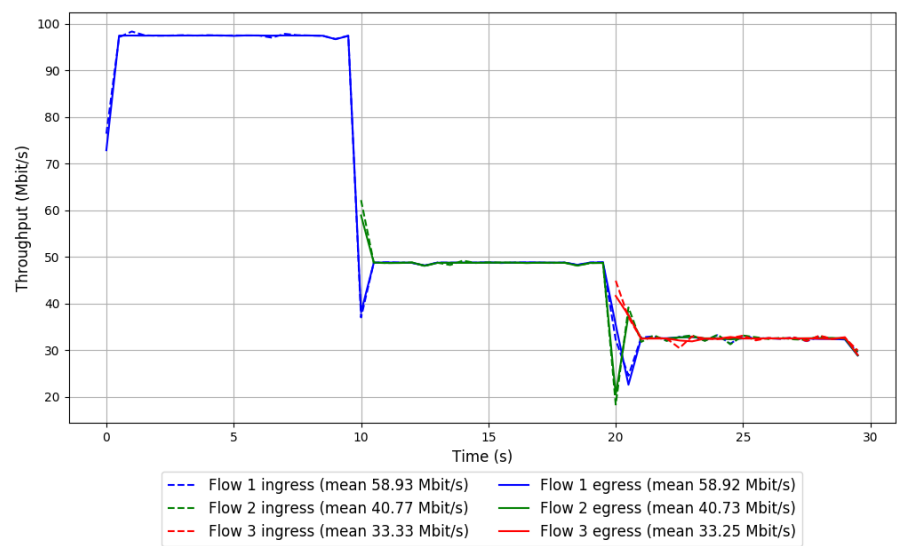
-- Flow 3:

Average throughput: 33.25 Mbit/s

95th percentile per-packet one-way delay: 44.808 ms

Loss rate: 0.51%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-03-06 12:28:22

End at: 2018-03-06 12:28:52

Local clock offset: 0.632 ms

Remote clock offset: 4.765 ms

Below is generated by plot.py at 2018-03-06 18:56:00

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.02 Mbit/s

95th percentile per-packet one-way delay: 40.071 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 58.95 Mbit/s

95th percentile per-packet one-way delay: 38.077 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 40.76 Mbit/s

95th percentile per-packet one-way delay: 40.276 ms

Loss rate: 0.19%

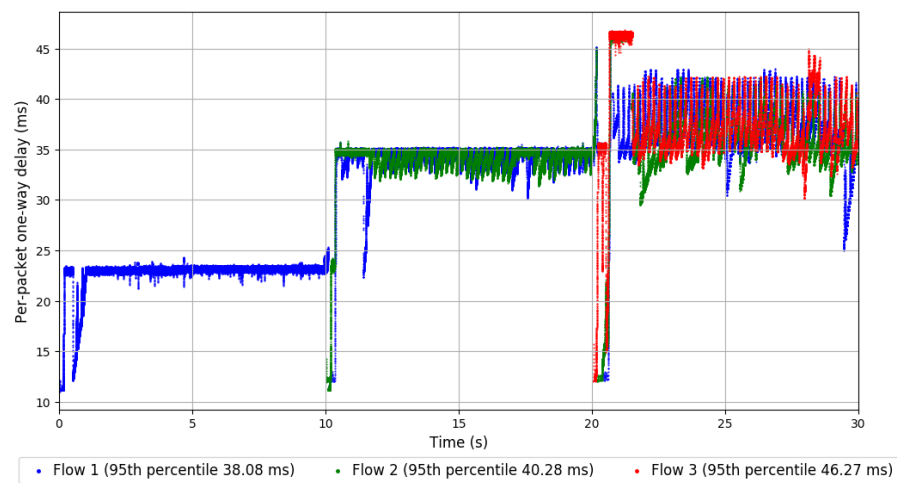
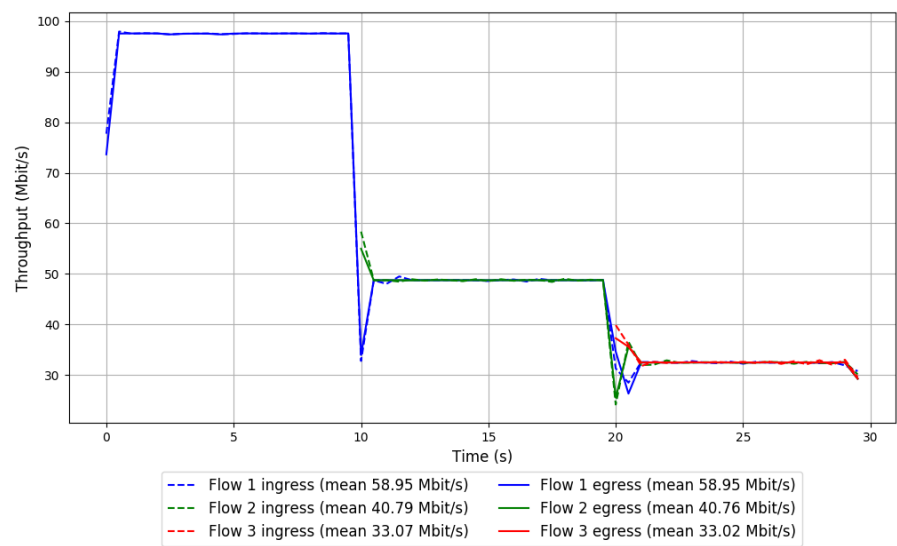
-- Flow 3:

Average throughput: 33.02 Mbit/s

95th percentile per-packet one-way delay: 46.269 ms

Loss rate: 0.46%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-03-06 12:49:41

End at: 2018-03-06 12:50:11

Local clock offset: -0.991 ms

Remote clock offset: 7.019 ms

Below is generated by plot.py at 2018-03-06 18:56:00

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.91 Mbit/s

95th percentile per-packet one-way delay: 37.307 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 55.36 Mbit/s

95th percentile per-packet one-way delay: 36.661 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 38.27 Mbit/s

95th percentile per-packet one-way delay: 38.800 ms

Loss rate: 0.17%

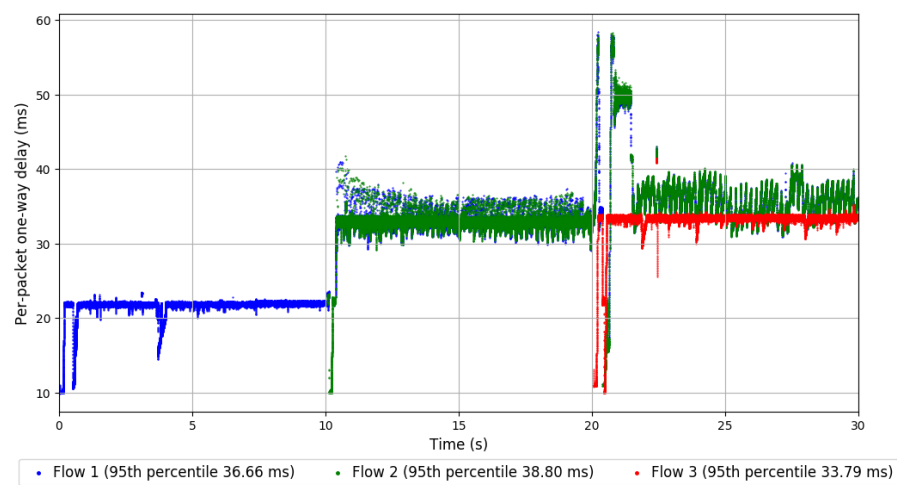
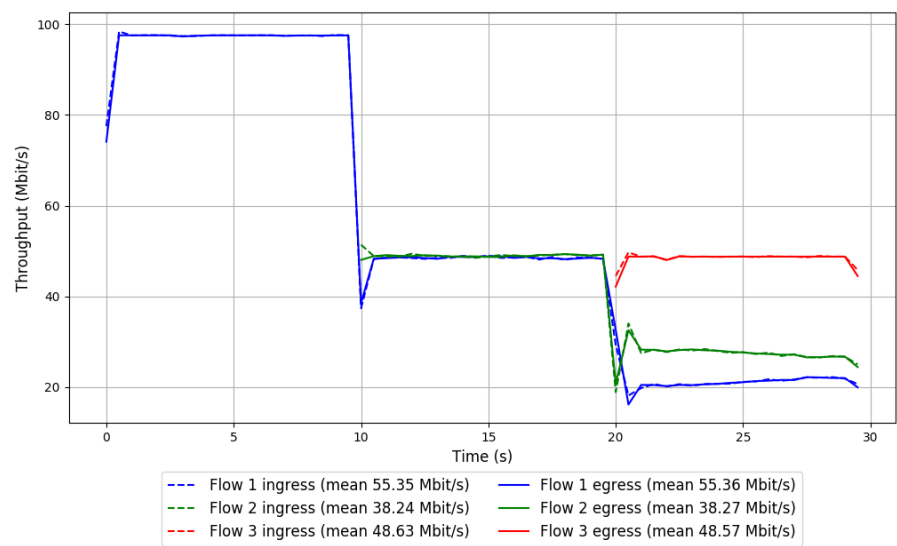
-- Flow 3:

Average throughput: 48.57 Mbit/s

95th percentile per-packet one-way delay: 33.790 ms

Loss rate: 0.47%

Run 4: Report of TCP BBR — Data Link



Run 5: Statistics of TCP BBR

Start at: 2018-03-06 13:10:57

End at: 2018-03-06 13:11:27

Local clock offset: 4.858 ms

Remote clock offset: 0.878 ms

Below is generated by plot.py at 2018-03-06 18:56:00

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.87 Mbit/s

95th percentile per-packet one-way delay: 40.950 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 56.08 Mbit/s

95th percentile per-packet one-way delay: 40.342 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 37.20 Mbit/s

95th percentile per-packet one-way delay: 43.407 ms

Loss rate: 0.15%

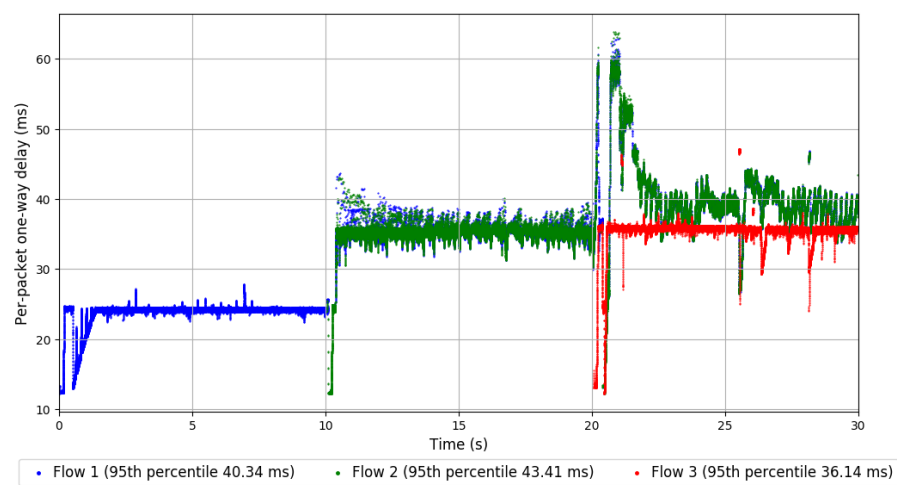
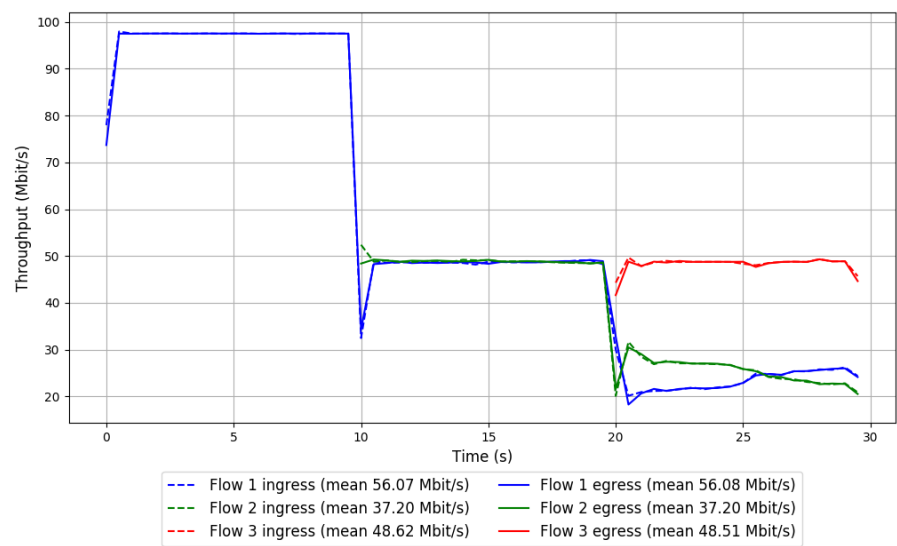
-- Flow 3:

Average throughput: 48.51 Mbit/s

95th percentile per-packet one-way delay: 36.141 ms

Loss rate: 0.47%

Run 5: Report of TCP BBR — Data Link

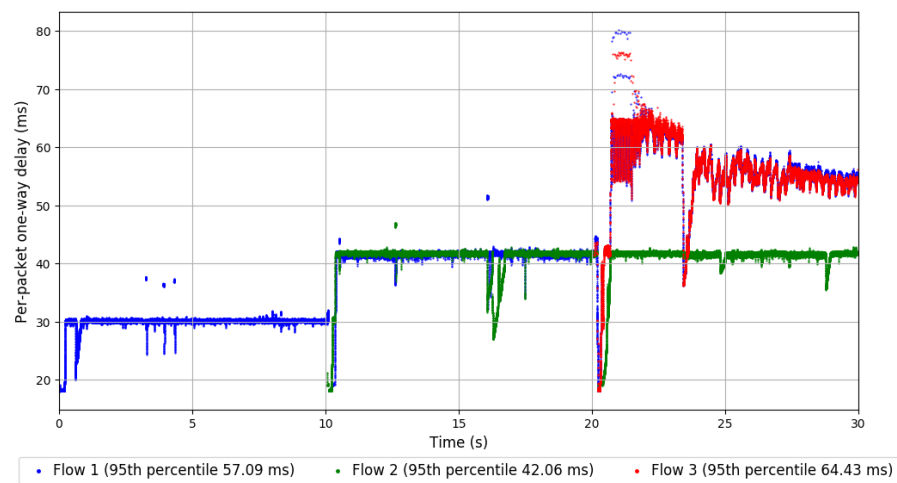
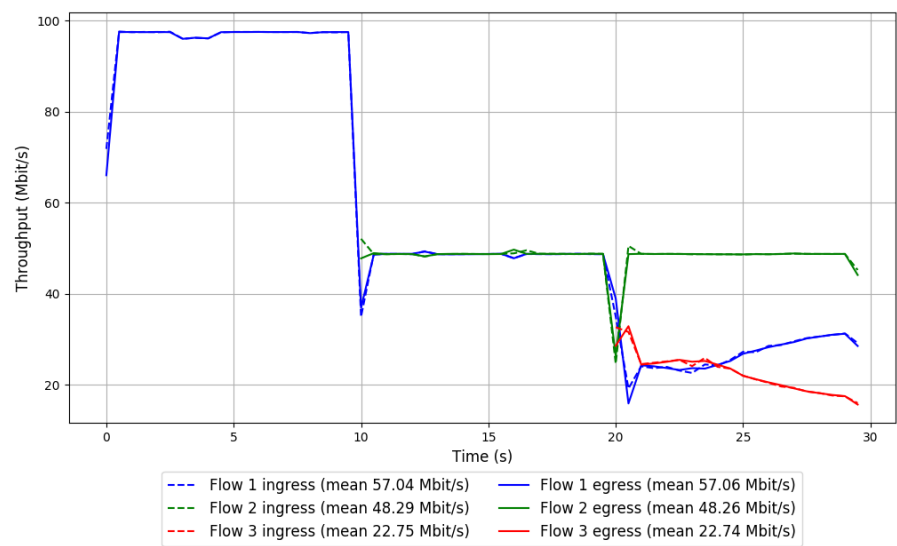


Run 6: Statistics of TCP BBR

Start at: 2018-03-06 13:32:19
End at: 2018-03-06 13:32:49
Local clock offset: 5.602 ms
Remote clock offset: -1.164 ms

Below is generated by plot.py at 2018-03-06 18:56:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.69 Mbit/s
95th percentile per-packet one-way delay: 57.954 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 57.06 Mbit/s
95th percentile per-packet one-way delay: 57.091 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 48.26 Mbit/s
95th percentile per-packet one-way delay: 42.058 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 22.74 Mbit/s
95th percentile per-packet one-way delay: 64.432 ms
Loss rate: 0.49%

Run 6: Report of TCP BBR — Data Link

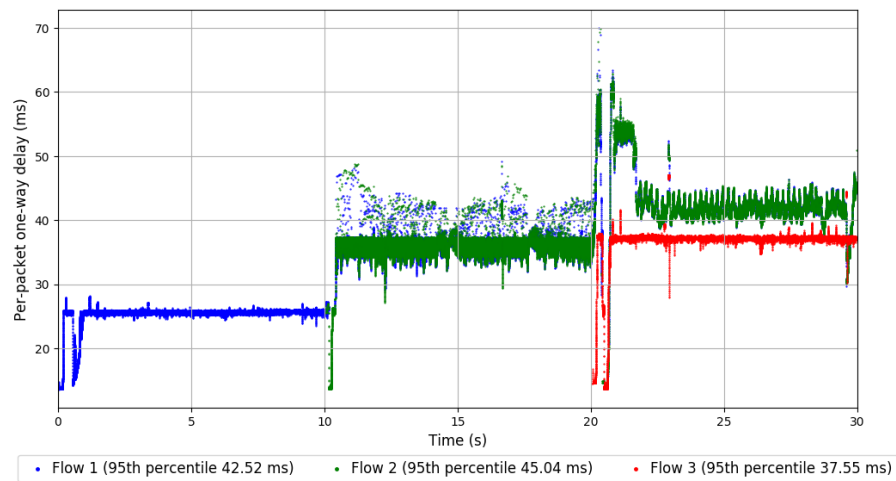
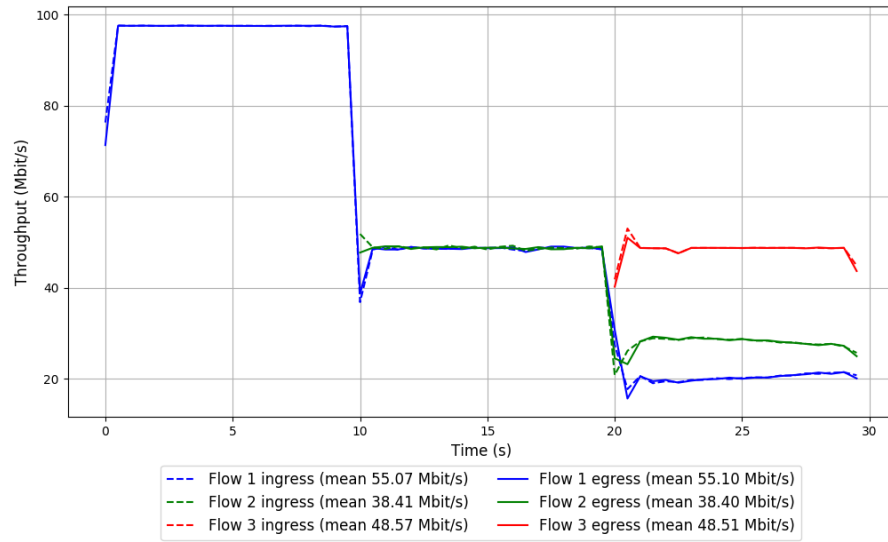


Run 7: Statistics of TCP BBR

Start at: 2018-03-06 13:53:48
End at: 2018-03-06 13:54:18
Local clock offset: 5.079 ms
Remote clock offset: -0.011 ms

Below is generated by plot.py at 2018-03-06 18:56:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 43.175 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 55.10 Mbit/s
95th percentile per-packet one-way delay: 42.523 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 38.40 Mbit/s
95th percentile per-packet one-way delay: 45.042 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 48.51 Mbit/s
95th percentile per-packet one-way delay: 37.546 ms
Loss rate: 0.49%

Run 7: Report of TCP BBR — Data Link

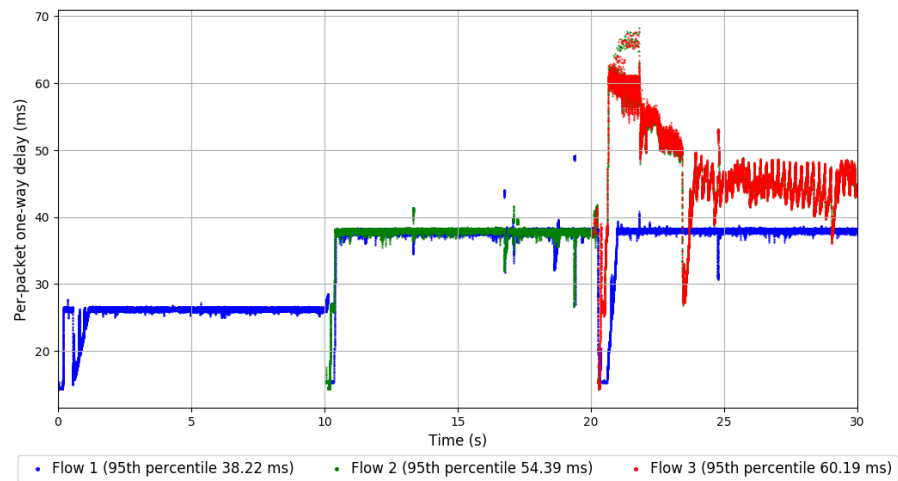
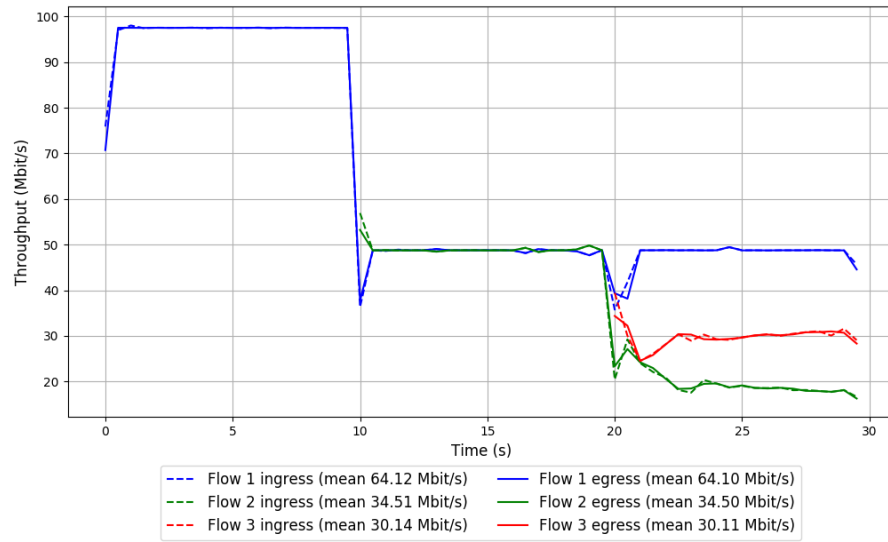


Run 8: Statistics of TCP BBR

Start at: 2018-03-06 14:15:17
End at: 2018-03-06 14:15:47
Local clock offset: 5.204 ms
Remote clock offset: -1.705 ms

Below is generated by plot.py at 2018-03-06 18:56:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: 48.120 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 64.10 Mbit/s
95th percentile per-packet one-way delay: 38.222 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 34.50 Mbit/s
95th percentile per-packet one-way delay: 54.386 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 30.11 Mbit/s
95th percentile per-packet one-way delay: 60.190 ms
Loss rate: 0.61%

Run 8: Report of TCP BBR — Data Link



Run 9: Statistics of TCP BBR

Start at: 2018-03-06 14:36:40

End at: 2018-03-06 14:37:10

Local clock offset: 2.065 ms

Remote clock offset: -3.29 ms

Below is generated by plot.py at 2018-03-06 18:57:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.93 Mbit/s

95th percentile per-packet one-way delay: 47.673 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 58.53 Mbit/s

95th percentile per-packet one-way delay: 47.320 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 48.38 Mbit/s

95th percentile per-packet one-way delay: 35.039 ms

Loss rate: 0.24%

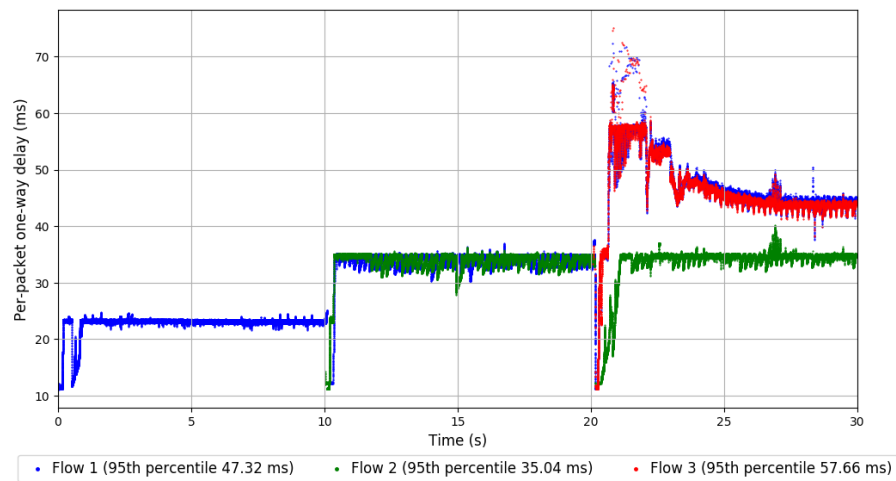
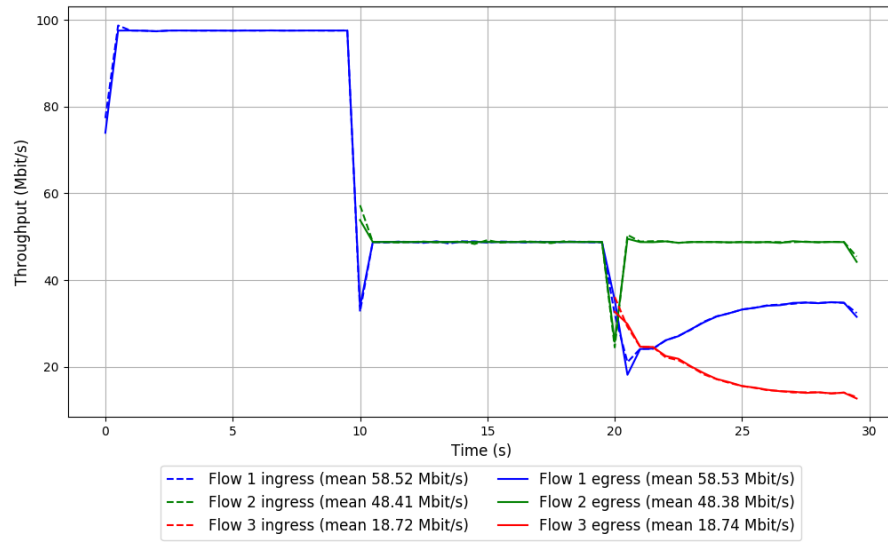
-- Flow 3:

Average throughput: 18.74 Mbit/s

95th percentile per-packet one-way delay: 57.662 ms

Loss rate: 0.42%

Run 9: Report of TCP BBR — Data Link

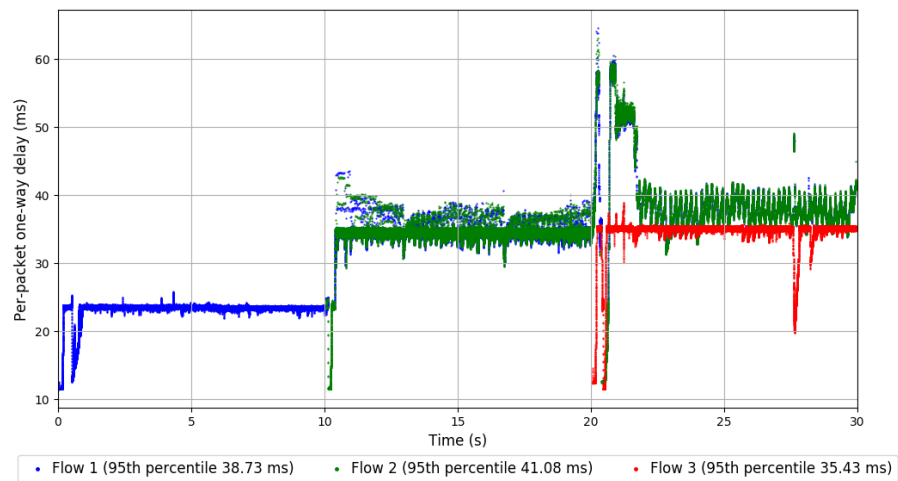
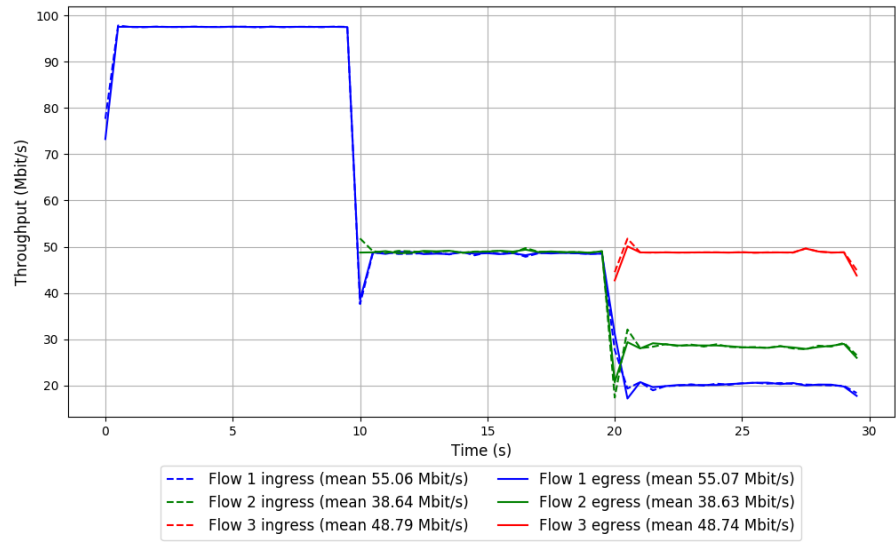


Run 10: Statistics of TCP BBR

Start at: 2018-03-06 14:57:55
End at: 2018-03-06 14:58:25
Local clock offset: 3.533 ms
Remote clock offset: -4.675 ms

Below is generated by plot.py at 2018-03-06 18:57:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.90 Mbit/s
95th percentile per-packet one-way delay: 39.396 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 55.07 Mbit/s
95th percentile per-packet one-way delay: 38.734 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 38.63 Mbit/s
95th percentile per-packet one-way delay: 41.083 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 48.74 Mbit/s
95th percentile per-packet one-way delay: 35.430 ms
Loss rate: 0.47%

Run 10: Report of TCP BBR — Data Link

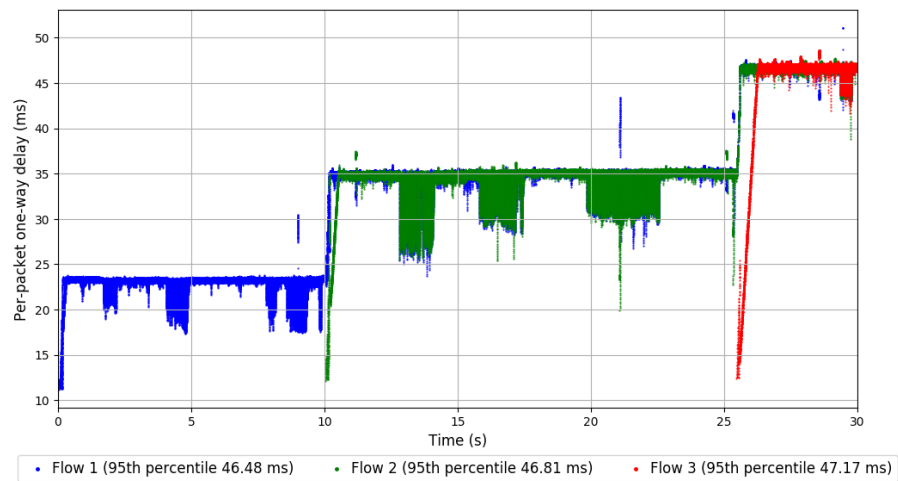
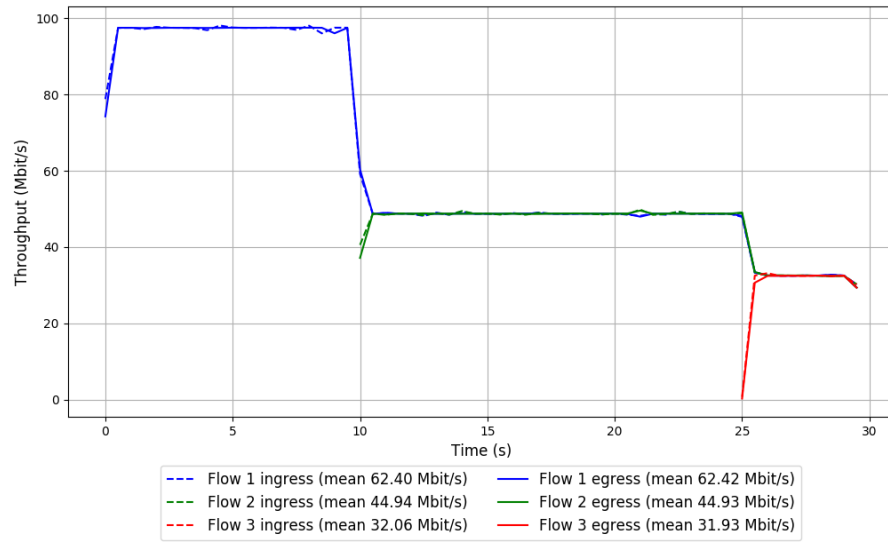


Run 1: Statistics of TCP Cubic

Start at: 2018-03-06 11:49:20
End at: 2018-03-06 11:49:50
Local clock offset: 1.826 ms
Remote clock offset: -3.634 ms

Below is generated by plot.py at 2018-03-06 18:57:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.13 Mbit/s
95th percentile per-packet one-way delay: 46.787 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 62.42 Mbit/s
95th percentile per-packet one-way delay: 46.476 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 44.93 Mbit/s
95th percentile per-packet one-way delay: 46.810 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.93 Mbit/s
95th percentile per-packet one-way delay: 47.167 ms
Loss rate: 1.31%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-03-06 12:10:30

End at: 2018-03-06 12:11:00

Local clock offset: 1.174 ms

Remote clock offset: 4.784 ms

Below is generated by plot.py at 2018-03-06 18:57:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.53 Mbit/s

95th percentile per-packet one-way delay: 56.964 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 64.23 Mbit/s

95th percentile per-packet one-way delay: 34.361 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 36.62 Mbit/s

95th percentile per-packet one-way delay: 57.087 ms

Loss rate: 0.24%

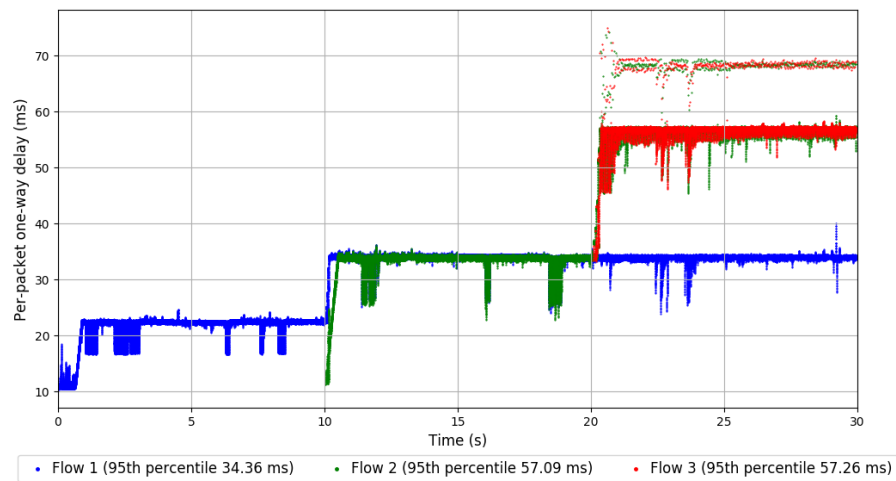
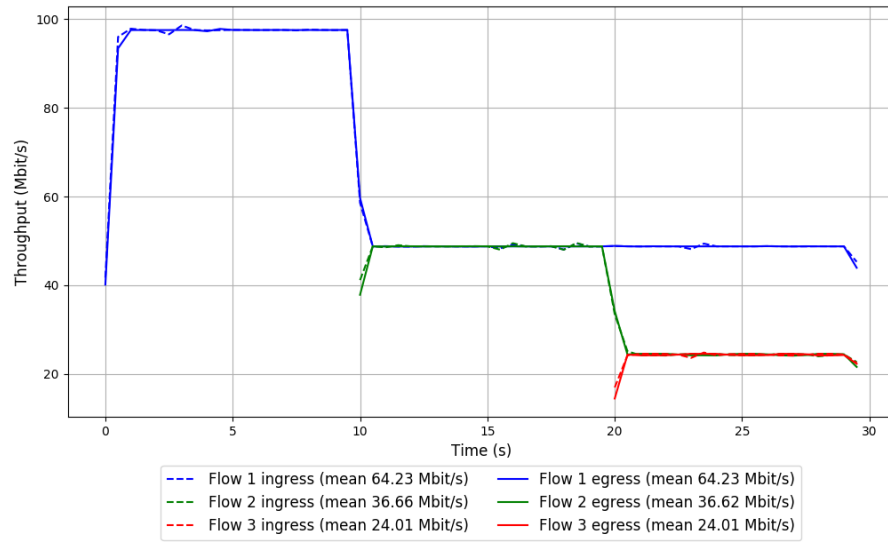
-- Flow 3:

Average throughput: 24.01 Mbit/s

95th percentile per-packet one-way delay: 57.260 ms

Loss rate: 0.71%

Run 2: Report of TCP Cubic — Data Link



Run 3: Statistics of TCP Cubic

Start at: 2018-03-06 12:31:46

End at: 2018-03-06 12:32:16

Local clock offset: 1.181 ms

Remote clock offset: 6.194 ms

Below is generated by plot.py at 2018-03-06 18:57:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.17 Mbit/s

95th percentile per-packet one-way delay: 56.875 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 64.86 Mbit/s

95th percentile per-packet one-way delay: 34.679 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 43.20 Mbit/s

95th percentile per-packet one-way delay: 57.151 ms

Loss rate: 0.20%

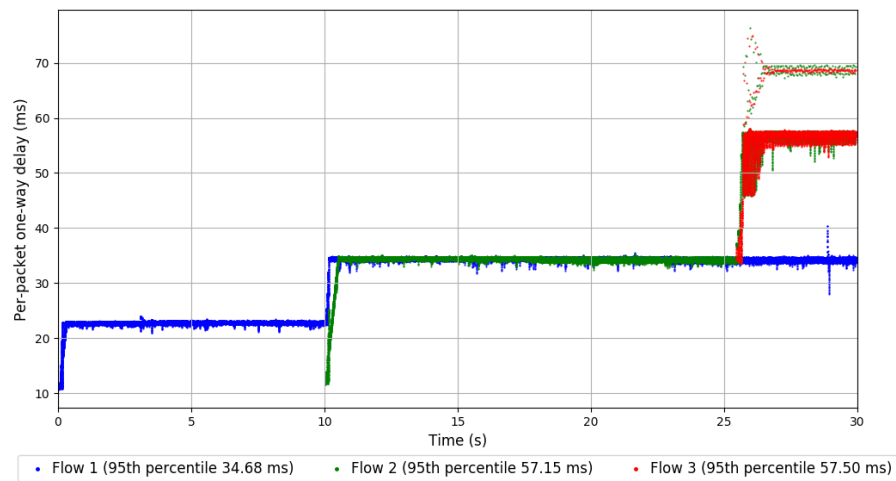
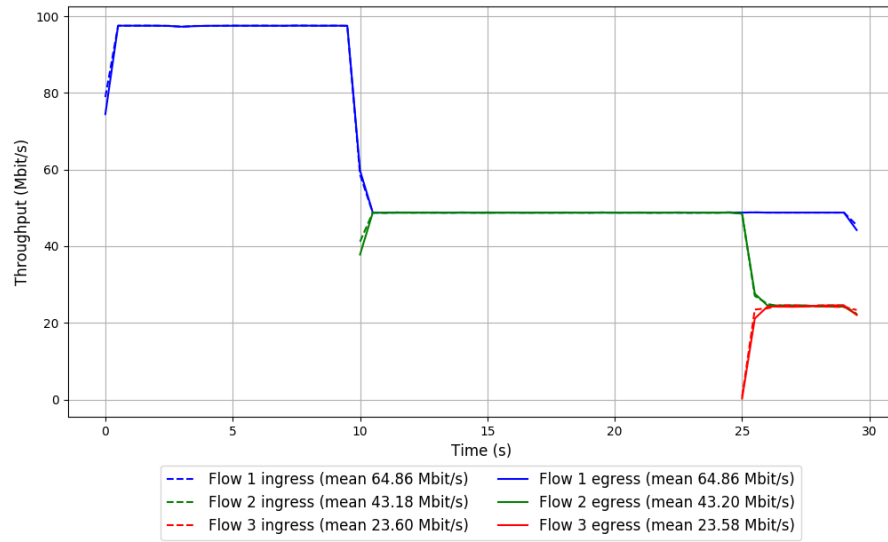
-- Flow 3:

Average throughput: 23.58 Mbit/s

95th percentile per-packet one-way delay: 57.504 ms

Loss rate: 1.63%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-03-06 12:53:09

End at: 2018-03-06 12:53:39

Local clock offset: 1.066 ms

Remote clock offset: 6.707 ms

Below is generated by plot.py at 2018-03-06 18:57:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.18 Mbit/s

95th percentile per-packet one-way delay: 58.148 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 56.96 Mbit/s

95th percentile per-packet one-way delay: 58.119 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 36.40 Mbit/s

95th percentile per-packet one-way delay: 58.231 ms

Loss rate: 0.23%

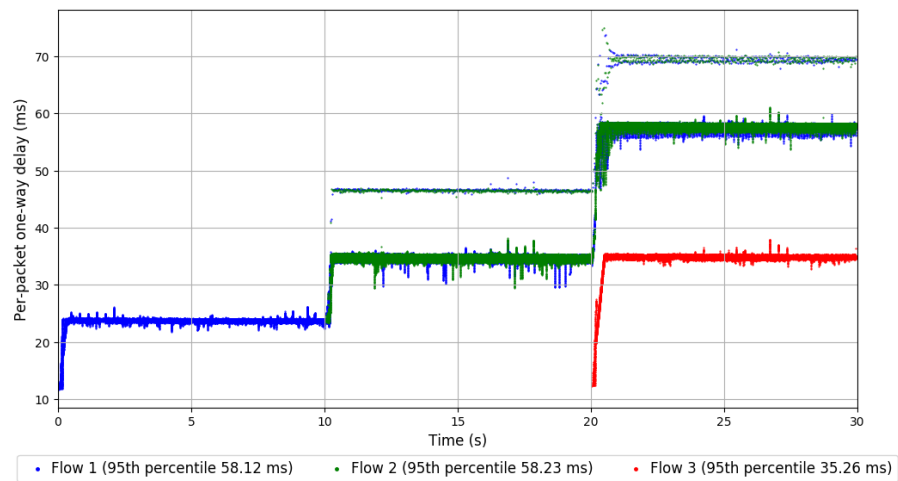
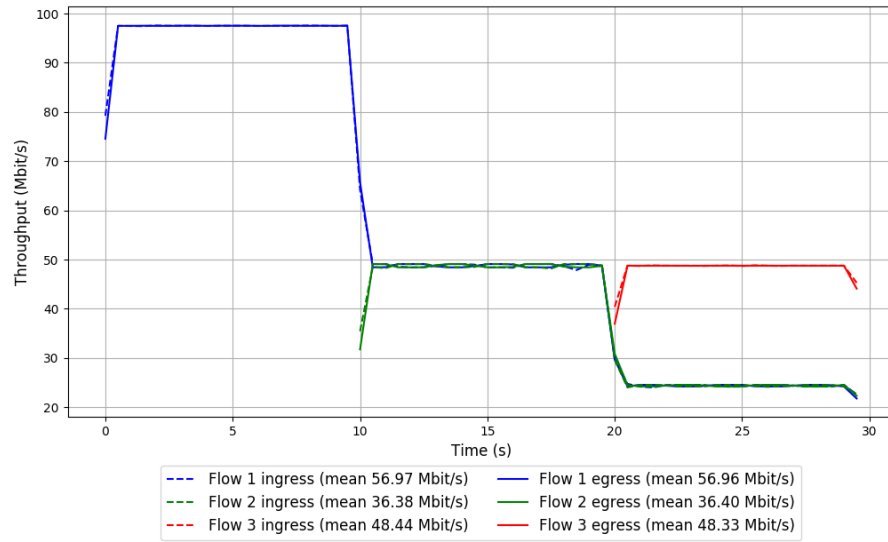
-- Flow 3:

Average throughput: 48.33 Mbit/s

95th percentile per-packet one-way delay: 35.260 ms

Loss rate: 0.47%

Run 4: Report of TCP Cubic — Data Link



Run 5: Statistics of TCP Cubic

Start at: 2018-03-06 13:14:23

End at: 2018-03-06 13:14:53

Local clock offset: 1.471 ms

Remote clock offset: 0.735 ms

Below is generated by plot.py at 2018-03-06 18:57:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.12 Mbit/s

95th percentile per-packet one-way delay: 56.640 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 64.83 Mbit/s

95th percentile per-packet one-way delay: 33.863 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 36.62 Mbit/s

95th percentile per-packet one-way delay: 56.757 ms

Loss rate: 0.23%

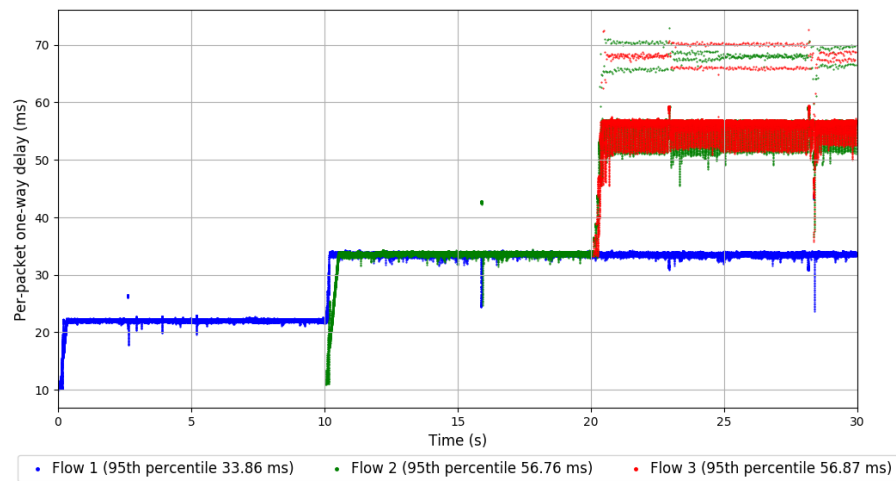
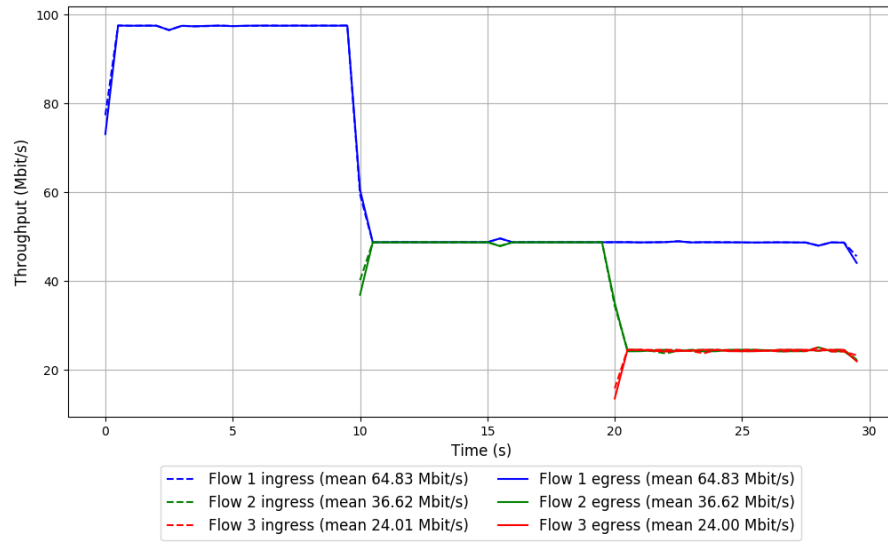
-- Flow 3:

Average throughput: 24.00 Mbit/s

95th percentile per-packet one-way delay: 56.870 ms

Loss rate: 0.75%

Run 5: Report of TCP Cubic — Data Link



Run 6: Statistics of TCP Cubic

Start at: 2018-03-06 13:35:46

End at: 2018-03-06 13:36:16

Local clock offset: 3.635 ms

Remote clock offset: 1.083 ms

Below is generated by plot.py at 2018-03-06 18:57:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.06 Mbit/s

95th percentile per-packet one-way delay: 56.728 ms

Loss rate: 0.21%

-- Flow 1:

Average throughput: 61.31 Mbit/s

95th percentile per-packet one-way delay: 54.256 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 42.96 Mbit/s

95th percentile per-packet one-way delay: 59.463 ms

Loss rate: 0.20%

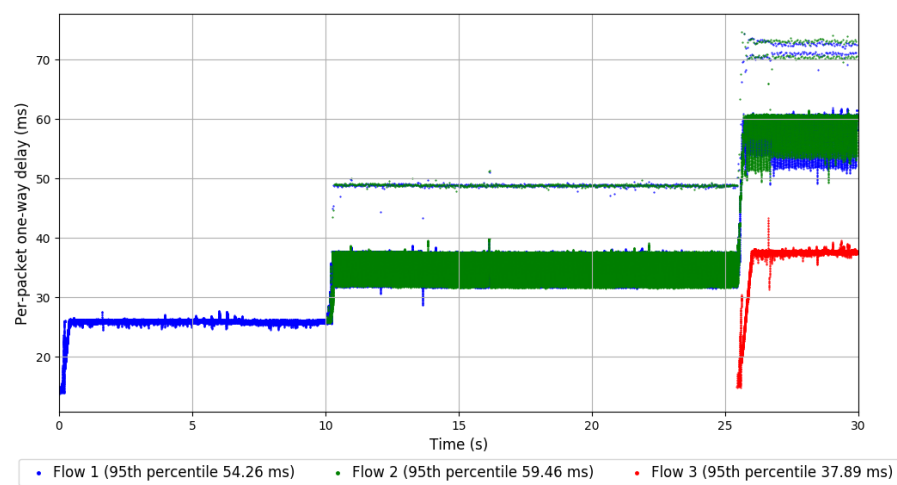
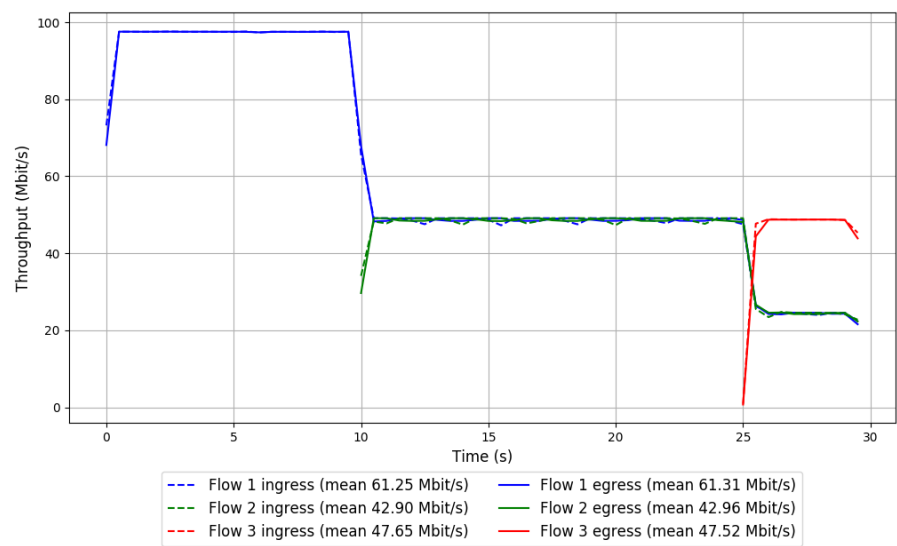
-- Flow 3:

Average throughput: 47.52 Mbit/s

95th percentile per-packet one-way delay: 37.893 ms

Loss rate: 1.17%

Run 6: Report of TCP Cubic — Data Link

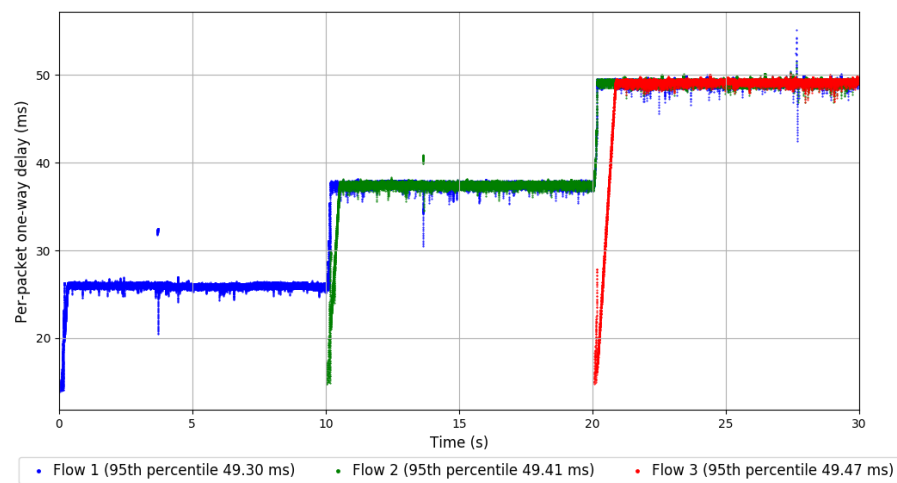
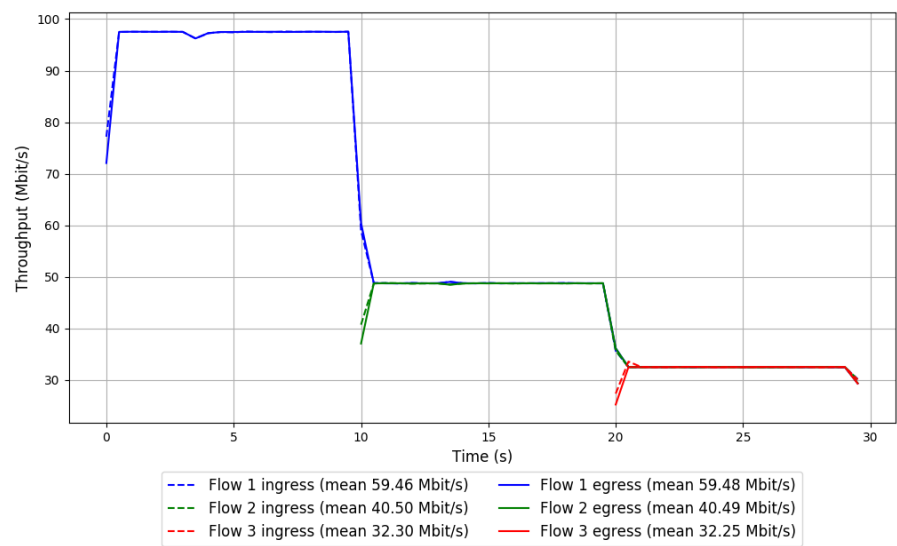


Run 7: Statistics of TCP Cubic

Start at: 2018-03-06 13:57:15
End at: 2018-03-06 13:57:45
Local clock offset: 4.942 ms
Remote clock offset: -0.583 ms

Below is generated by plot.py at 2018-03-06 18:58:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.11 Mbit/s
95th percentile per-packet one-way delay: 49.376 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 59.48 Mbit/s
95th percentile per-packet one-way delay: 49.298 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 49.409 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 32.25 Mbit/s
95th percentile per-packet one-way delay: 49.468 ms
Loss rate: 0.61%

Run 7: Report of TCP Cubic — Data Link

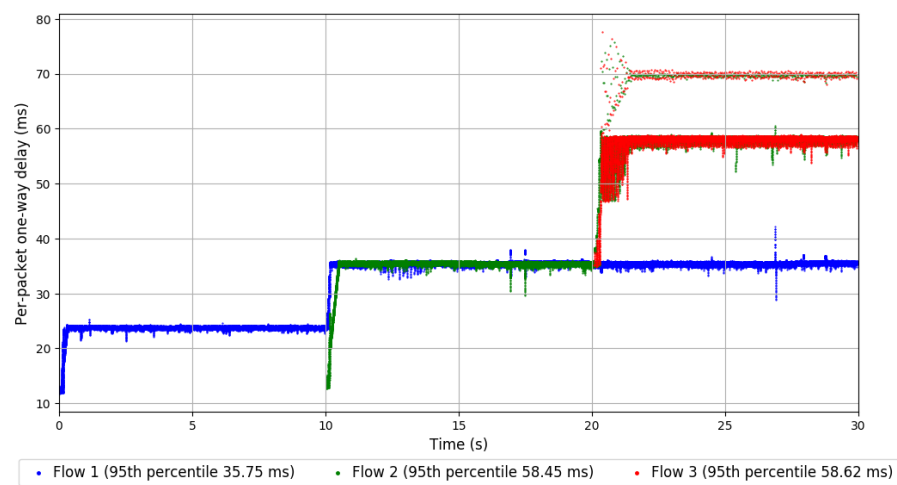
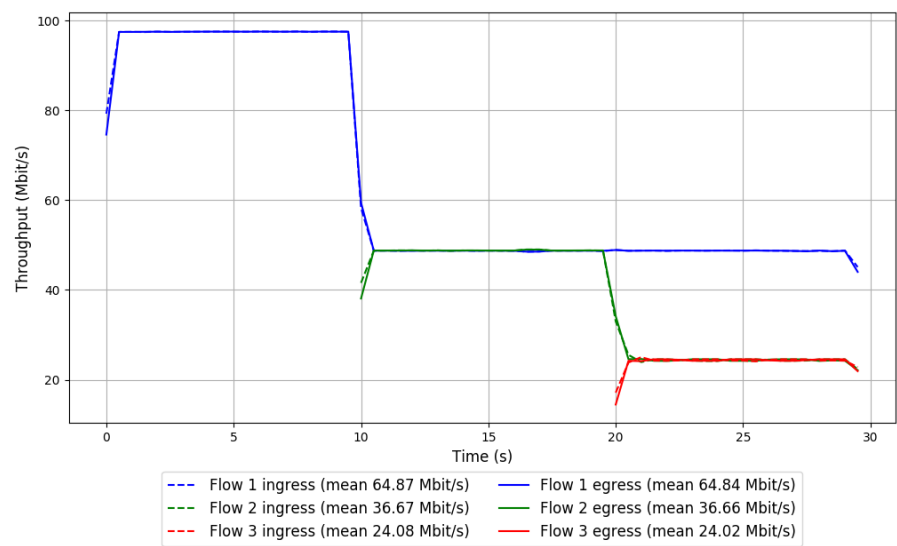


Run 8: Statistics of TCP Cubic

Start at: 2018-03-06 14:18:41
End at: 2018-03-06 14:19:11
Local clock offset: 4.144 ms
Remote clock offset: -2.035 ms

Below is generated by plot.py at 2018-03-06 18:58:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 58.334 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 64.84 Mbit/s
95th percentile per-packet one-way delay: 35.754 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 36.66 Mbit/s
95th percentile per-packet one-way delay: 58.451 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 24.02 Mbit/s
95th percentile per-packet one-way delay: 58.617 ms
Loss rate: 0.71%

Run 8: Report of TCP Cubic — Data Link

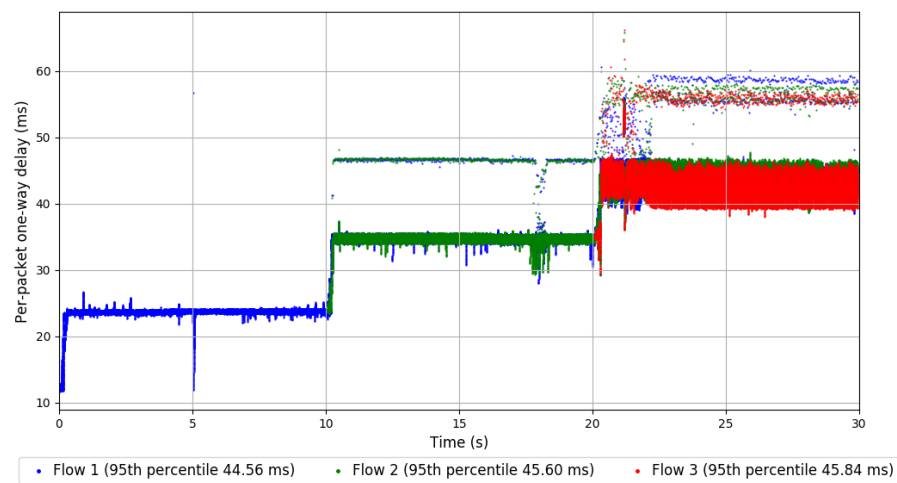
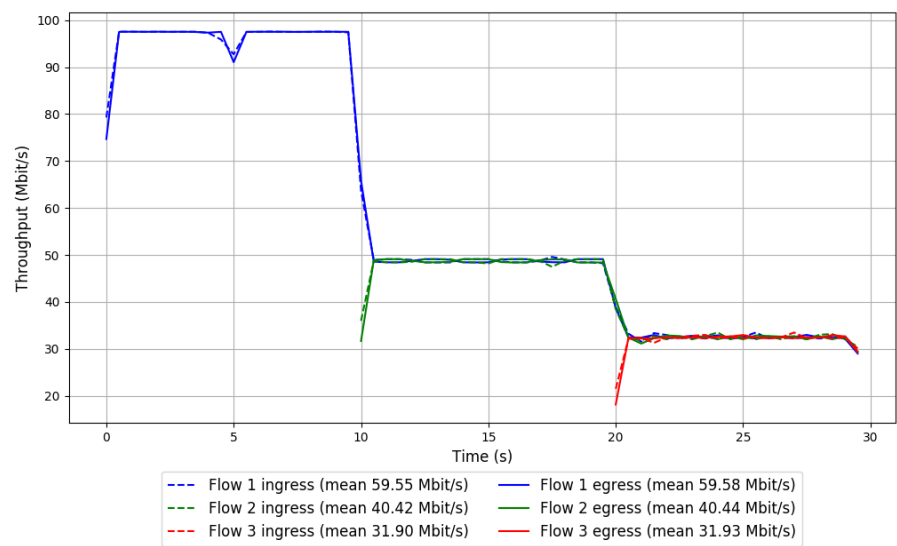


Run 9: Statistics of TCP Cubic

Start at: 2018-03-06 14:40:04
End at: 2018-03-06 14:40:34
Local clock offset: 3.584 ms
Remote clock offset: -2.663 ms

Below is generated by plot.py at 2018-03-06 18:58:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.03 Mbit/s
95th percentile per-packet one-way delay: 45.154 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 59.58 Mbit/s
95th percentile per-packet one-way delay: 44.563 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 40.44 Mbit/s
95th percentile per-packet one-way delay: 45.604 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 31.93 Mbit/s
95th percentile per-packet one-way delay: 45.839 ms
Loss rate: 0.52%

Run 9: Report of TCP Cubic — Data Link

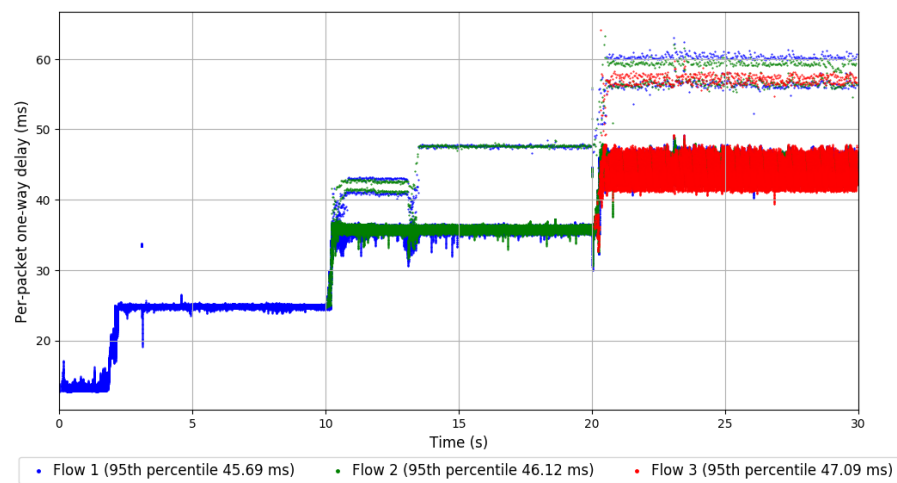
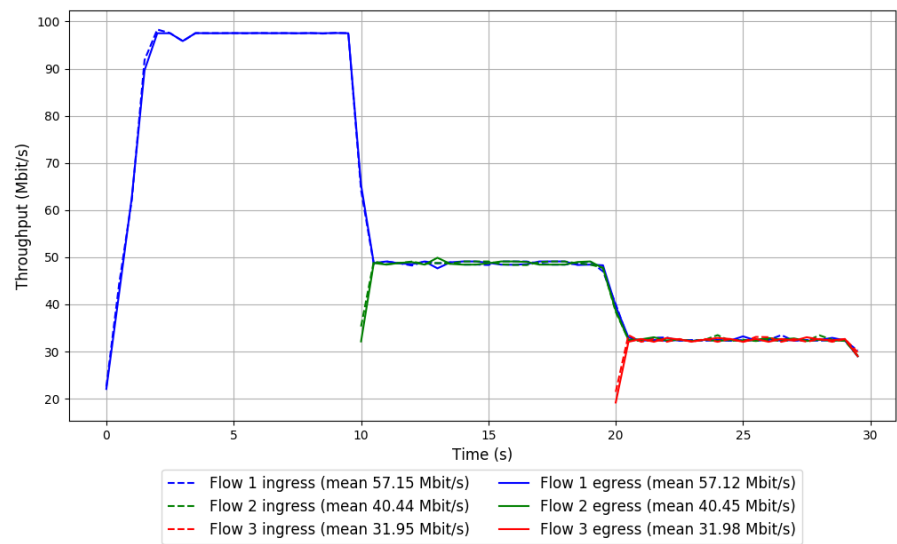


Run 10: Statistics of TCP Cubic

Start at: 2018-03-06 15:01:19
End at: 2018-03-06 15:01:49
Local clock offset: 4.258 ms
Remote clock offset: -5.516 ms

Below is generated by plot.py at 2018-03-06 18:58:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.60 Mbit/s
95th percentile per-packet one-way delay: 46.132 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.12 Mbit/s
95th percentile per-packet one-way delay: 45.693 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 40.45 Mbit/s
95th percentile per-packet one-way delay: 46.124 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.98 Mbit/s
95th percentile per-packet one-way delay: 47.093 ms
Loss rate: 0.49%

Run 10: Report of TCP Cubic — Data Link

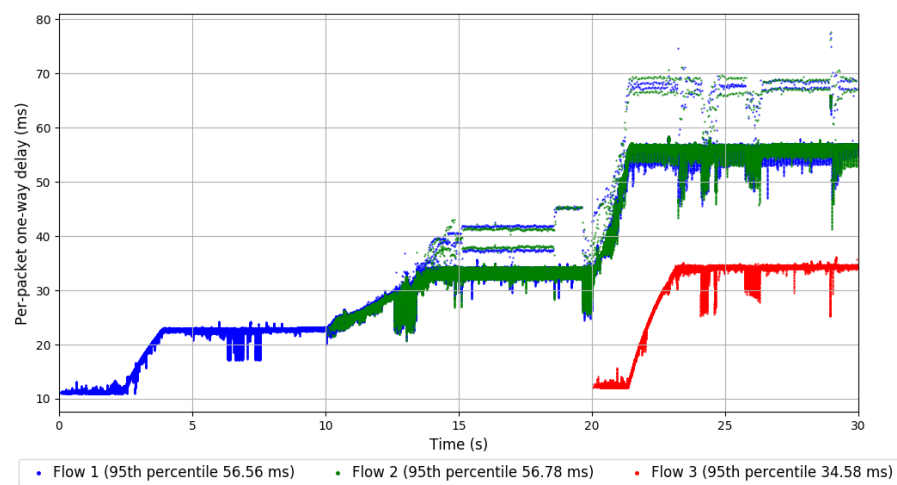
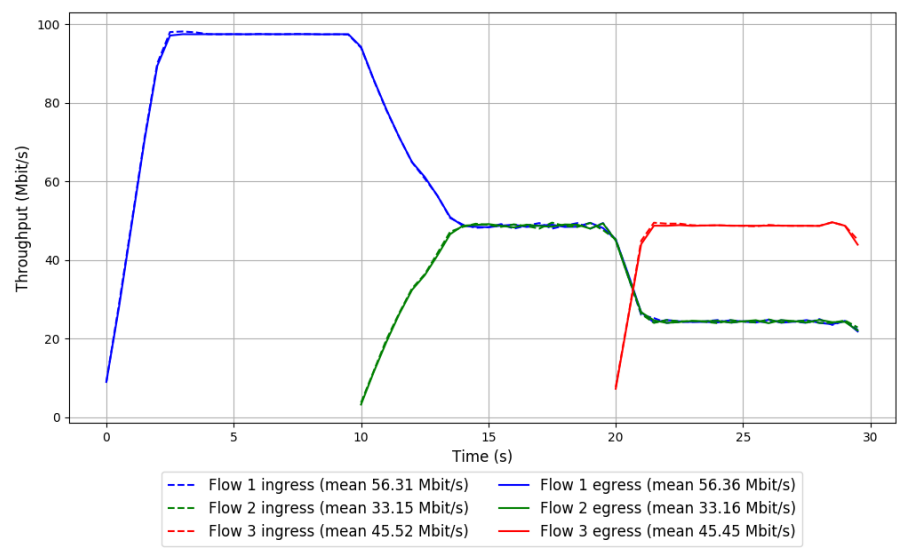


```
Run 1: Statistics of LEDBAT

Start at: 2018-03-06 11:51:40
End at: 2018-03-06 11:52:10
Local clock offset: 1.67 ms
Remote clock offset: -1.899 ms

# Below is generated by plot.py at 2018-03-06 18:58:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.45 Mbit/s
95th percentile per-packet one-way delay: 56.626 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.36 Mbit/s
95th percentile per-packet one-way delay: 56.560 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 33.16 Mbit/s
95th percentile per-packet one-way delay: 56.785 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 45.45 Mbit/s
95th percentile per-packet one-way delay: 34.575 ms
Loss rate: 0.51%
```


Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2018-03-06 12:12:53

End at: 2018-03-06 12:13:23

Local clock offset: 2.161 ms

Remote clock offset: 5.364 ms

Below is generated by plot.py at 2018-03-06 18:58:56

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.24 Mbit/s

95th percentile per-packet one-way delay: 55.974 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 55.33 Mbit/s

95th percentile per-packet one-way delay: 55.643 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 47.02 Mbit/s

95th percentile per-packet one-way delay: 34.600 ms

Loss rate: 0.24%

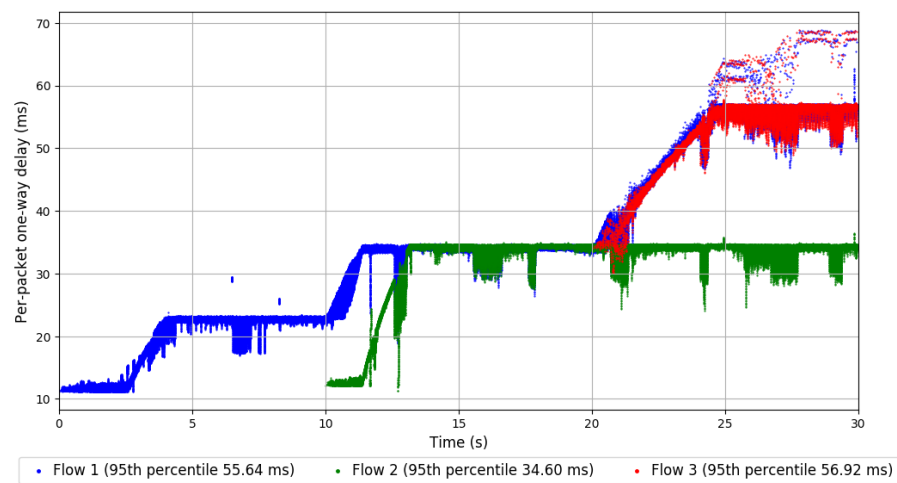
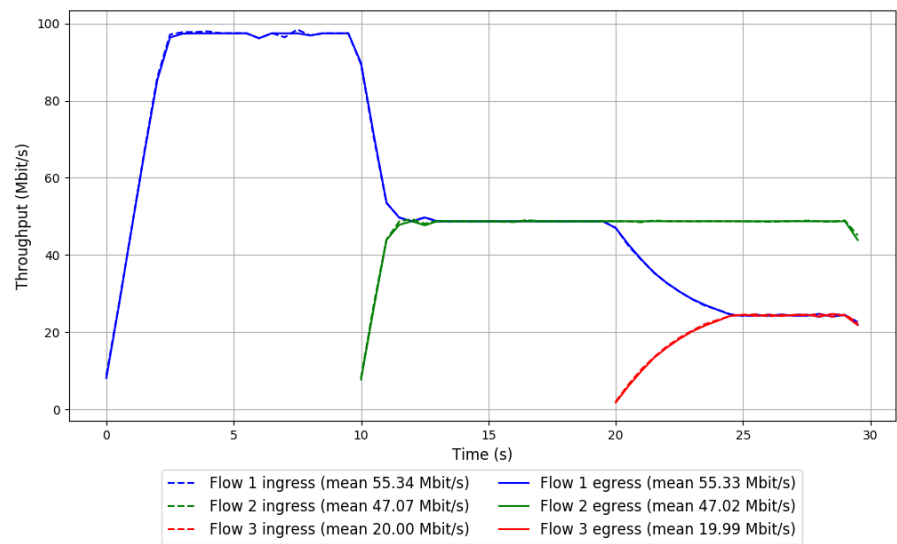
-- Flow 3:

Average throughput: 19.99 Mbit/s

95th percentile per-packet one-way delay: 56.921 ms

Loss rate: 0.85%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

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

End at: 2018-03-06 12:34:36

Local clock offset: 1.332 ms

Remote clock offset: 5.366 ms

Below is generated by plot.py at 2018-03-06 18:58:56

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.53 Mbit/s

95th percentile per-packet one-way delay: 57.684 ms

Loss rate: 0.22%

-- Flow 1:

Average throughput: 55.48 Mbit/s

95th percentile per-packet one-way delay: 57.633 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 47.00 Mbit/s

95th percentile per-packet one-way delay: 35.559 ms

Loss rate: 0.26%

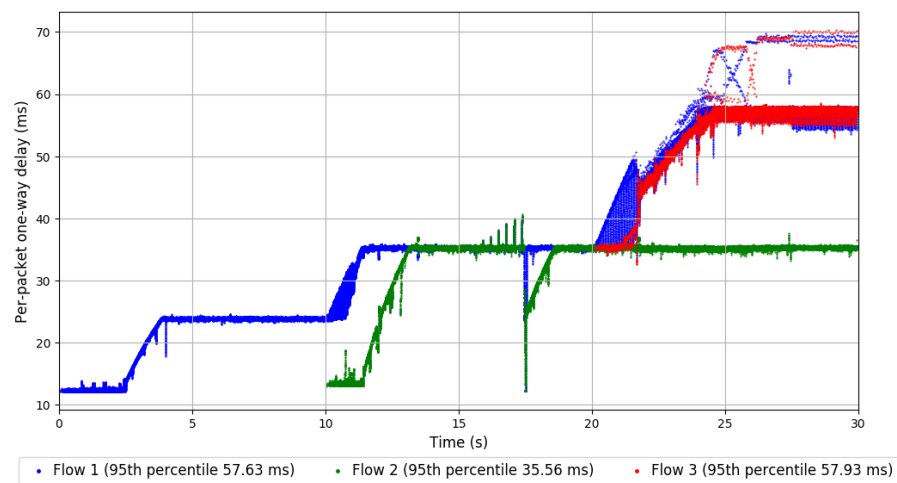
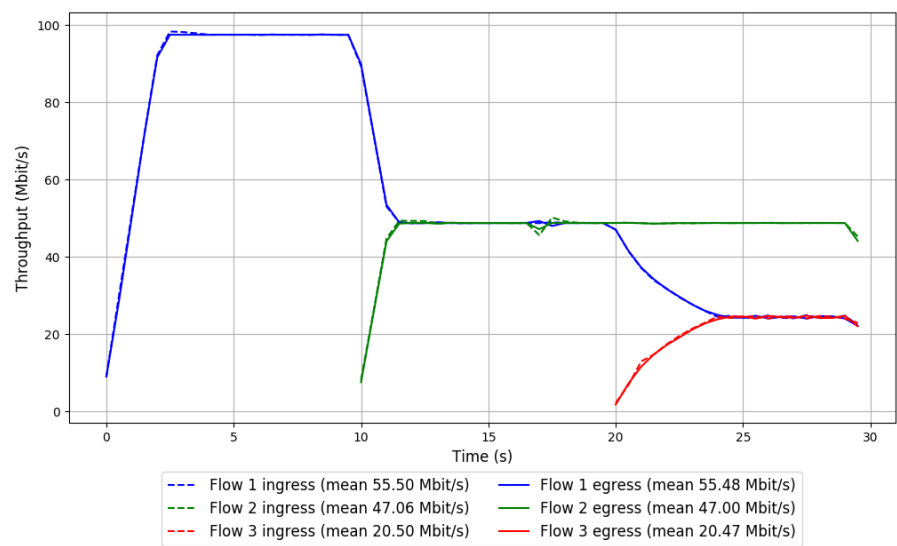
-- Flow 3:

Average throughput: 20.47 Mbit/s

95th percentile per-packet one-way delay: 57.932 ms

Loss rate: 0.80%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-03-06 12:55:30

End at: 2018-03-06 12:56:00

Local clock offset: 1.424 ms

Remote clock offset: 5.762 ms

Below is generated by plot.py at 2018-03-06 18:58:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.50 Mbit/s

95th percentile per-packet one-way delay: 55.128 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 60.68 Mbit/s

95th percentile per-packet one-way delay: 43.046 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 39.97 Mbit/s

95th percentile per-packet one-way delay: 56.392 ms

Loss rate: 0.21%

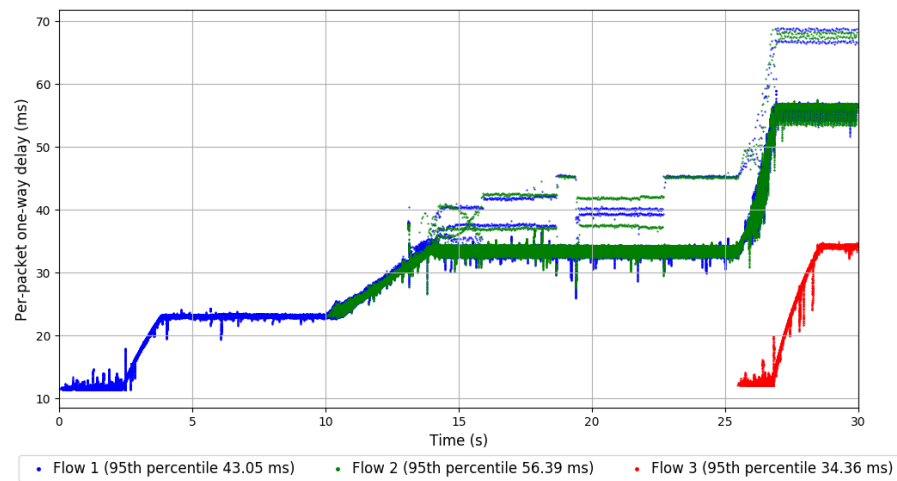
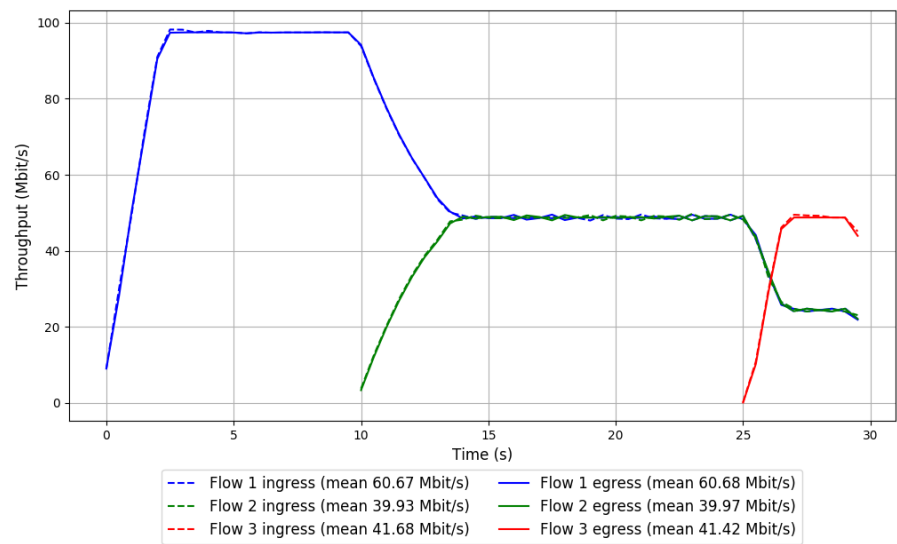
-- Flow 3:

Average throughput: 41.42 Mbit/s

95th percentile per-packet one-way delay: 34.361 ms

Loss rate: 1.20%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-03-06 13:16:43

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

Local clock offset: 5.112 ms

Remote clock offset: 0.329 ms

Below is generated by plot.py at 2018-03-06 19:00:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.06 Mbit/s

95th percentile per-packet one-way delay: 58.379 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 55.27 Mbit/s

95th percentile per-packet one-way delay: 58.019 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 46.82 Mbit/s

95th percentile per-packet one-way delay: 37.210 ms

Loss rate: 0.25%

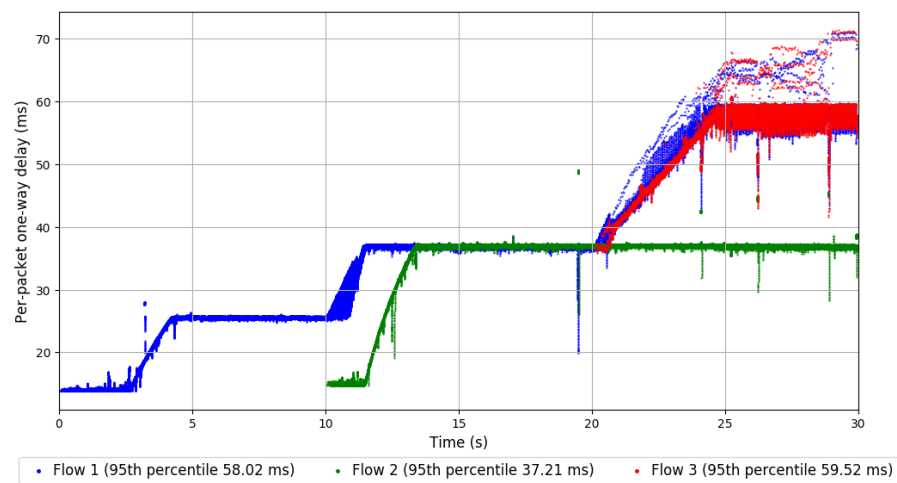
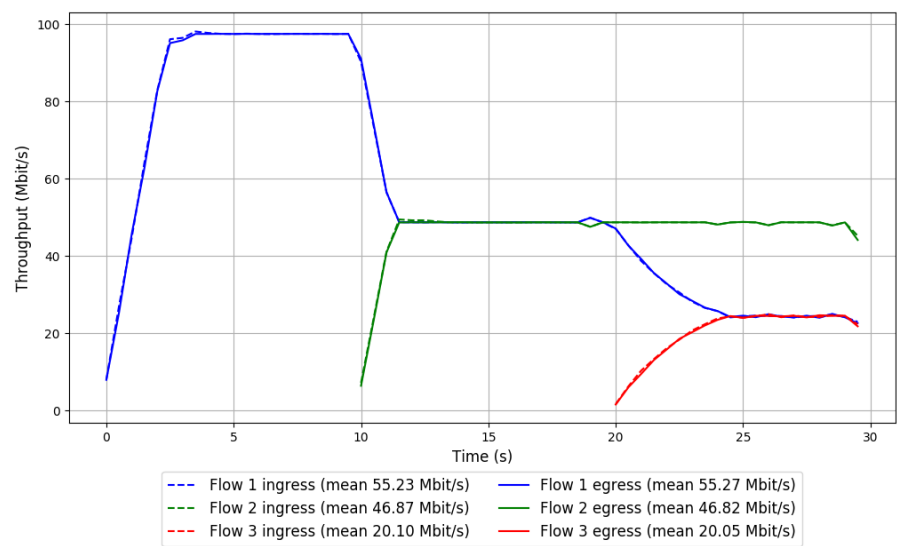
-- Flow 3:

Average throughput: 20.05 Mbit/s

95th percentile per-packet one-way delay: 59.525 ms

Loss rate: 0.81%

Run 5: Report of LEDBAT — Data Link

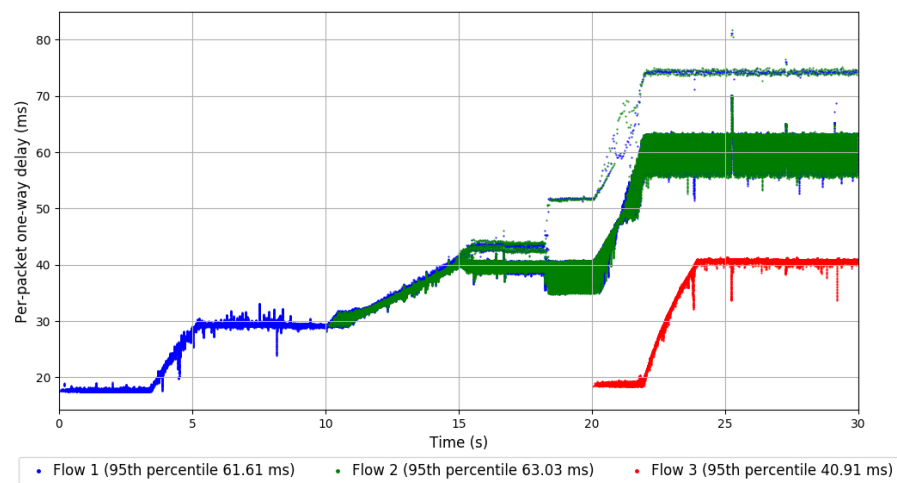
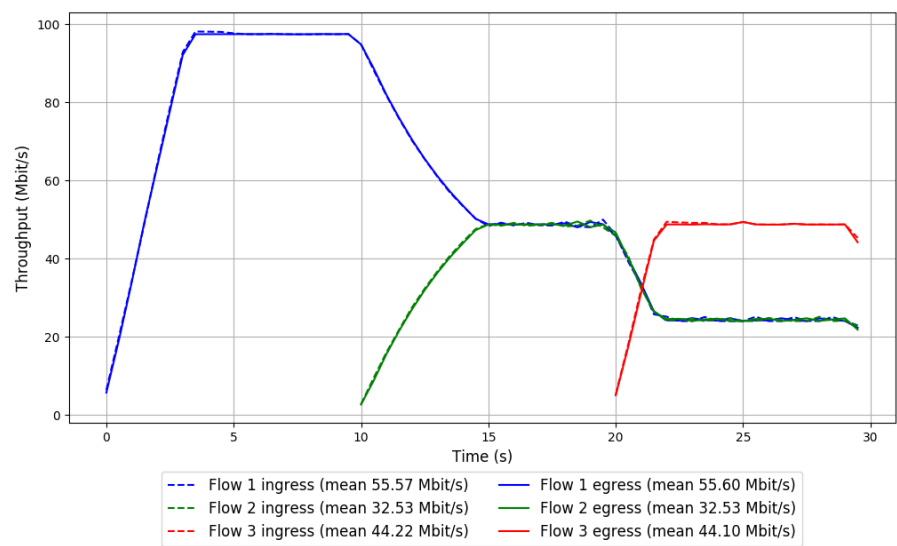


Run 6: Statistics of LEDBAT

Start at: 2018-03-06 13:38:06
End at: 2018-03-06 13:38:36
Local clock offset: 5.683 ms
Remote clock offset: -0.253 ms

Below is generated by plot.py at 2018-03-06 19:00:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.84 Mbit/s
95th percentile per-packet one-way delay: 62.296 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 55.60 Mbit/s
95th percentile per-packet one-way delay: 61.614 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 32.53 Mbit/s
95th percentile per-packet one-way delay: 63.031 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 44.10 Mbit/s
95th percentile per-packet one-way delay: 40.907 ms
Loss rate: 0.58%

Run 6: Report of LEDBAT — Data Link



Run 7: Statistics of LEDBAT

Start at: 2018-03-06 13:59:39

End at: 2018-03-06 14:00:09

Local clock offset: 6.062 ms

Remote clock offset: -0.42 ms

Run 7: Report of LEDBAT — Data Link

Figure is missing

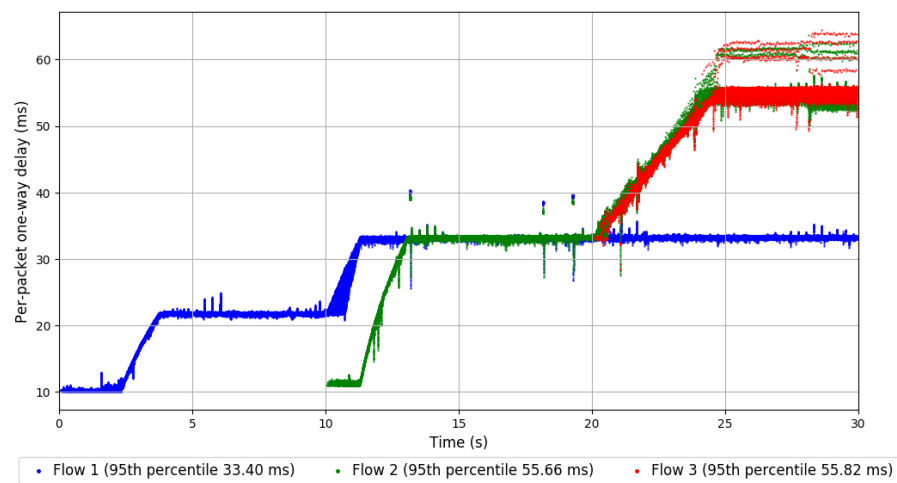
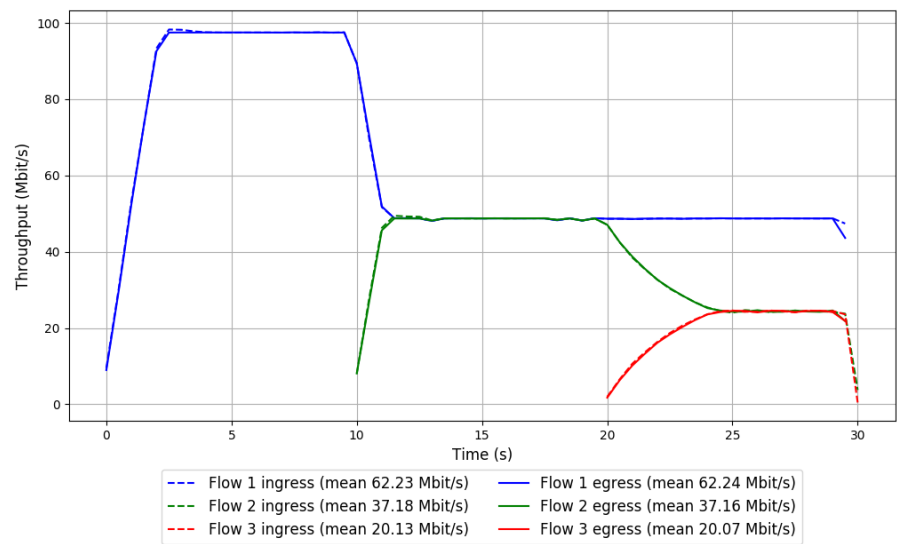
Figure is missing

Run 8: Statistics of LEDBAT

Start at: 2018-03-06 14:21:01
End at: 2018-03-06 14:21:31
Local clock offset: 2.453 ms
Remote clock offset: -1.781 ms

Below is generated by plot.py at 2018-03-06 19:00:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.60 Mbit/s
95th percentile per-packet one-way delay: 55.434 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 62.24 Mbit/s
95th percentile per-packet one-way delay: 33.399 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 37.16 Mbit/s
95th percentile per-packet one-way delay: 55.658 ms
Loss rate: 0.55%
-- Flow 3:
Average throughput: 20.07 Mbit/s
95th percentile per-packet one-way delay: 55.820 ms
Loss rate: 1.28%

Run 8: Report of LEDBAT — Data Link

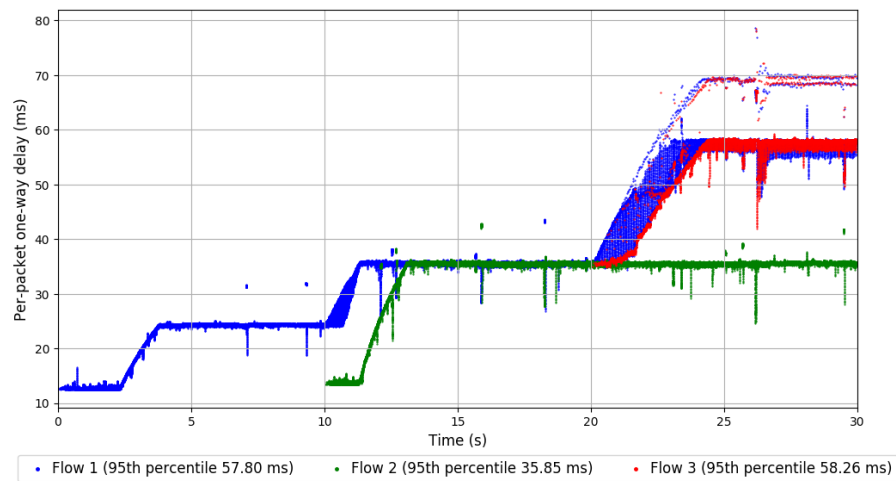
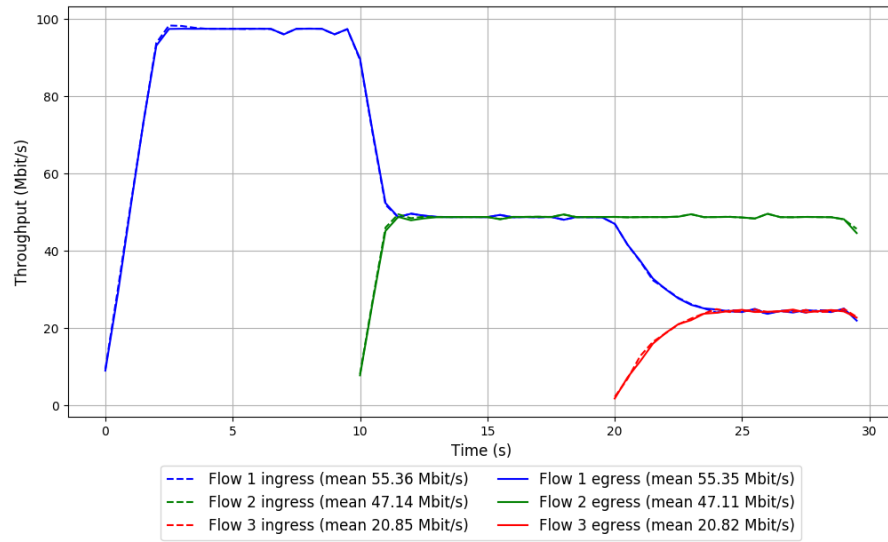


Run 9: Statistics of LEDBAT

Start at: 2018-03-06 14:42:29
End at: 2018-03-06 14:42:59
Local clock offset: 3.294 ms
Remote clock offset: -4.028 ms

Below is generated by plot.py at 2018-03-06 19:00:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.58 Mbit/s
95th percentile per-packet one-way delay: 57.859 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 55.35 Mbit/s
95th percentile per-packet one-way delay: 57.802 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 47.11 Mbit/s
95th percentile per-packet one-way delay: 35.855 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 20.82 Mbit/s
95th percentile per-packet one-way delay: 58.255 ms
Loss rate: 0.78%

Run 9: Report of LEDBAT — Data Link



Run 10: Statistics of LEDBAT

Start at: 2018-03-06 15:03:38

End at: 2018-03-06 15:04:08

Local clock offset: 2.098 ms

Remote clock offset: -5.29 ms

Run 10: Report of LEDBAT — Data Link

Figure is missing

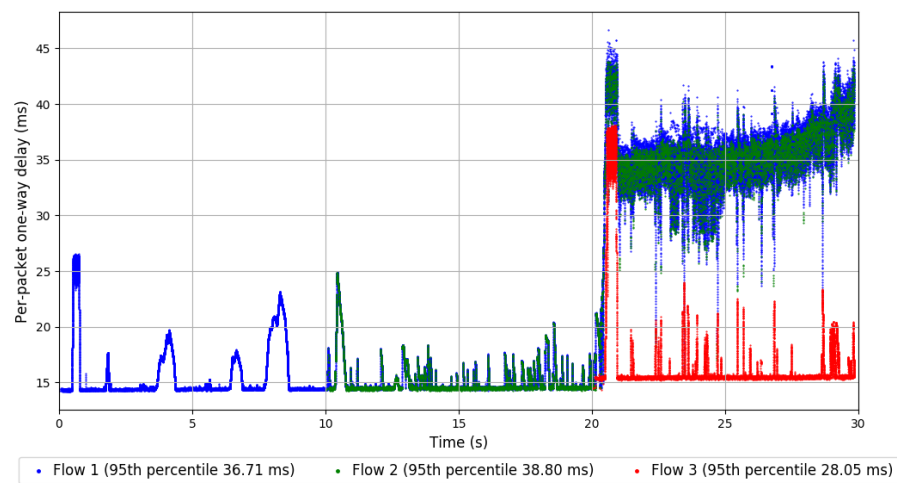
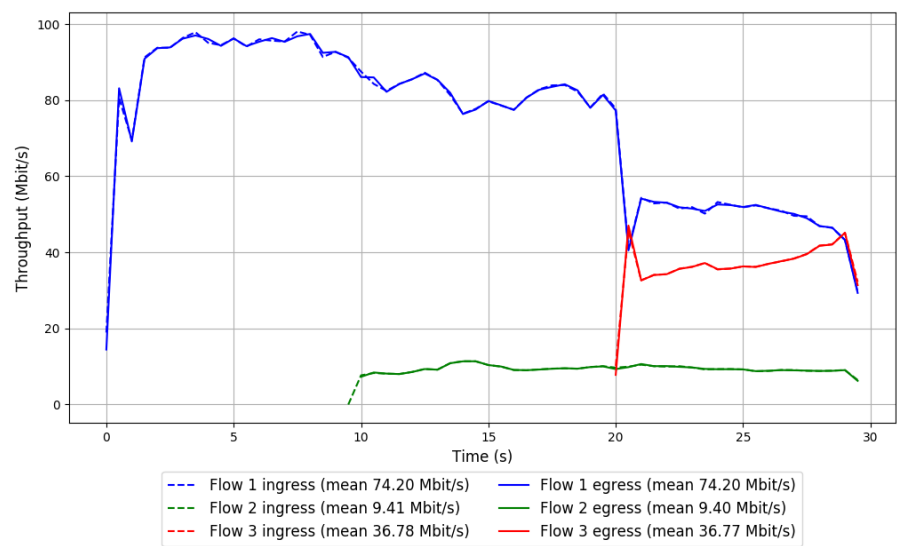
Figure is missing

```
Run 1: Statistics of PCC

Start at: 2018-03-06 11:58:51
End at: 2018-03-06 11:59:21
Local clock offset: 4.846 ms
Remote clock offset: 2.702 ms

# Below is generated by plot.py at 2018-03-06 19:00:23
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.54 Mbit/s
95th percentile per-packet one-way delay: 36.690 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 74.20 Mbit/s
95th percentile per-packet one-way delay: 36.706 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 9.40 Mbit/s
95th percentile per-packet one-way delay: 38.801 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 36.77 Mbit/s
95th percentile per-packet one-way delay: 28.050 ms
Loss rate: 0.32%
```

Run 1: Report of PCC — Data Link



Run 2: Statistics of PCC

Start at: 2018-03-06 12:19:59

End at: 2018-03-06 12:20:29

Local clock offset: 2.599 ms

Remote clock offset: 5.216 ms

Below is generated by plot.py at 2018-03-06 19:00:24

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.96 Mbit/s

95th percentile per-packet one-way delay: 29.968 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 65.58 Mbit/s

95th percentile per-packet one-way delay: 30.165 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 38.78 Mbit/s

95th percentile per-packet one-way delay: 19.457 ms

Loss rate: 0.14%

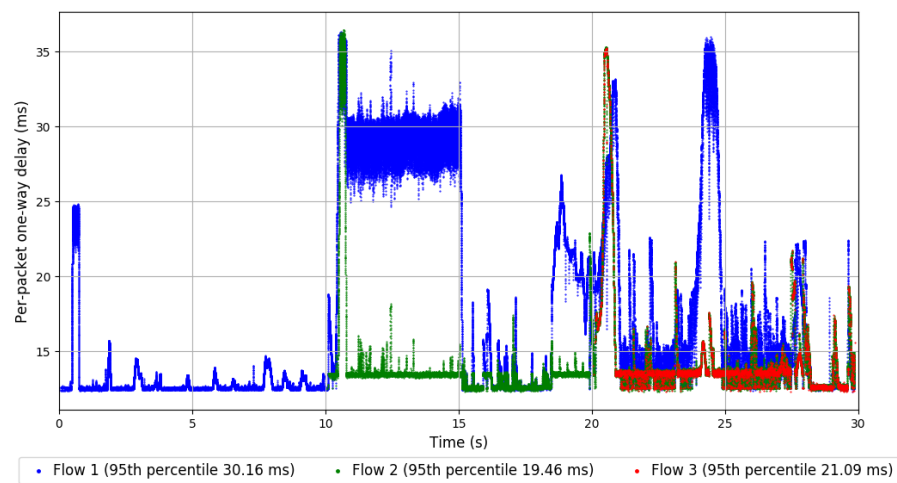
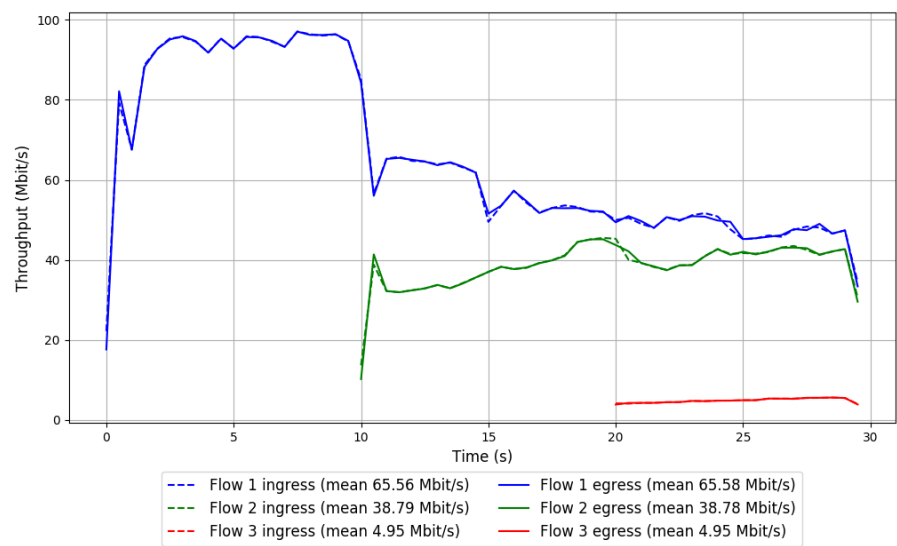
-- Flow 3:

Average throughput: 4.95 Mbit/s

95th percentile per-packet one-way delay: 21.085 ms

Loss rate: 0.25%

Run 2: Report of PCC — Data Link



Run 3: Statistics of PCC

Start at: 2018-03-06 12:41:18

End at: 2018-03-06 12:41:48

Local clock offset: -0.248 ms

Remote clock offset: 6.337 ms

Below is generated by plot.py at 2018-03-06 19:00:24

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.32 Mbit/s

95th percentile per-packet one-way delay: 24.128 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 74.42 Mbit/s

95th percentile per-packet one-way delay: 24.144 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 17.73 Mbit/s

95th percentile per-packet one-way delay: 24.270 ms

Loss rate: 0.12%

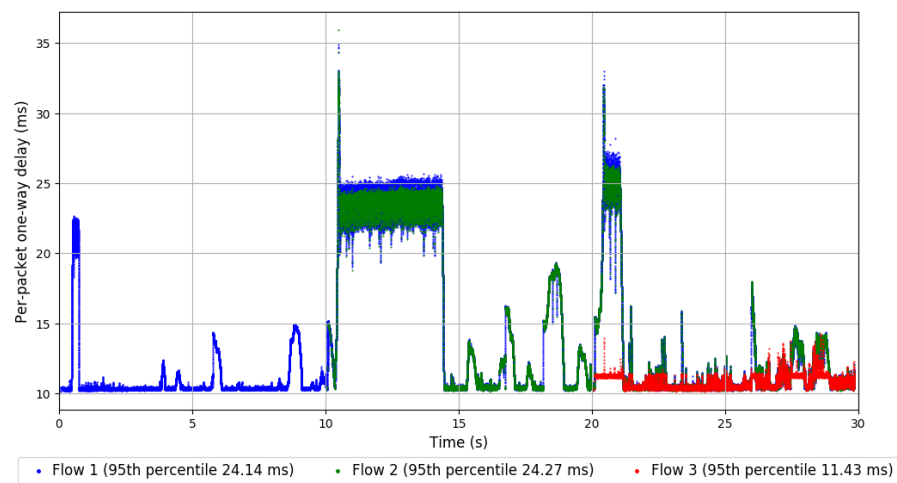
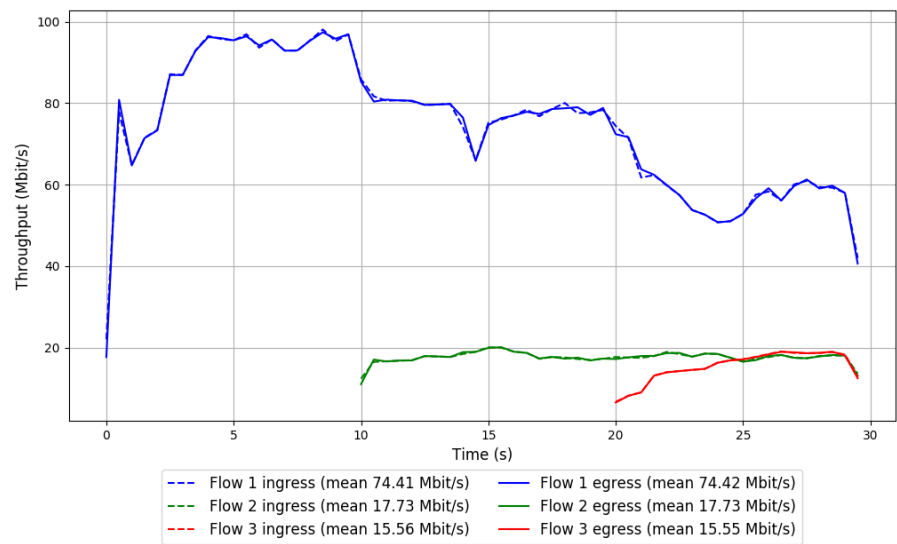
-- Flow 3:

Average throughput: 15.55 Mbit/s

95th percentile per-packet one-way delay: 11.425 ms

Loss rate: 0.29%

Run 3: Report of PCC — Data Link



Run 4: Statistics of PCC

Start at: 2018-03-06 13:02:44

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

Local clock offset: -0.346 ms

Remote clock offset: 2.636 ms

Below is generated by plot.py at 2018-03-06 19:00:24

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.99 Mbit/s

95th percentile per-packet one-way delay: 49.337 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 56.94 Mbit/s

95th percentile per-packet one-way delay: 48.648 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 30.92 Mbit/s

95th percentile per-packet one-way delay: 51.254 ms

Loss rate: 0.29%

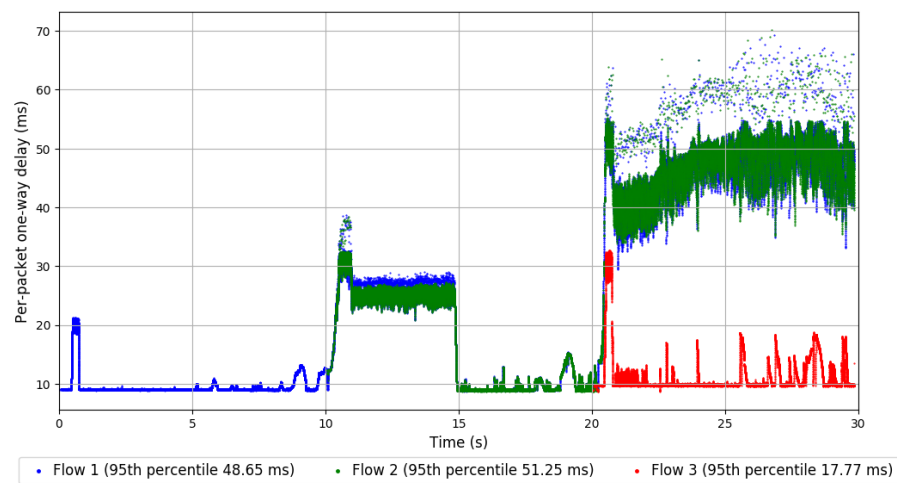
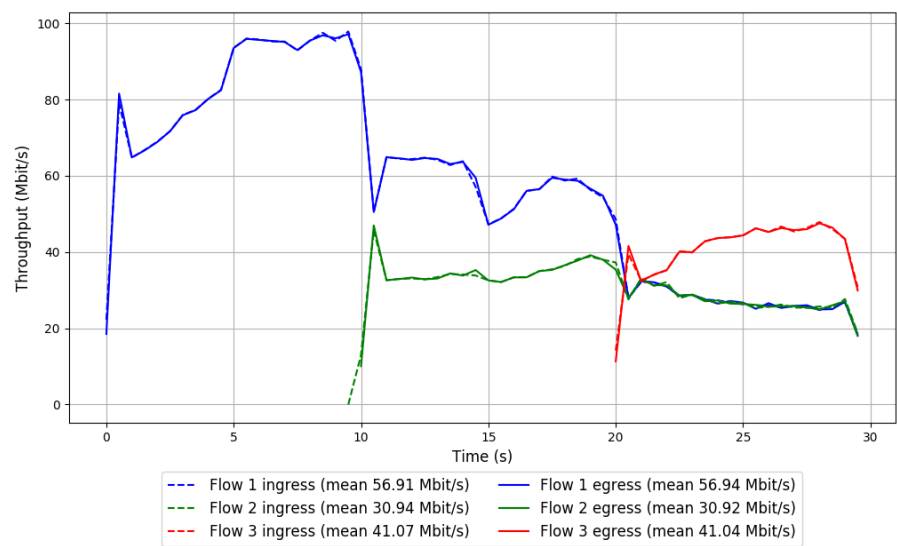
-- Flow 3:

Average throughput: 41.04 Mbit/s

95th percentile per-packet one-way delay: 17.767 ms

Loss rate: 0.27%

Run 4: Report of PCC — Data Link

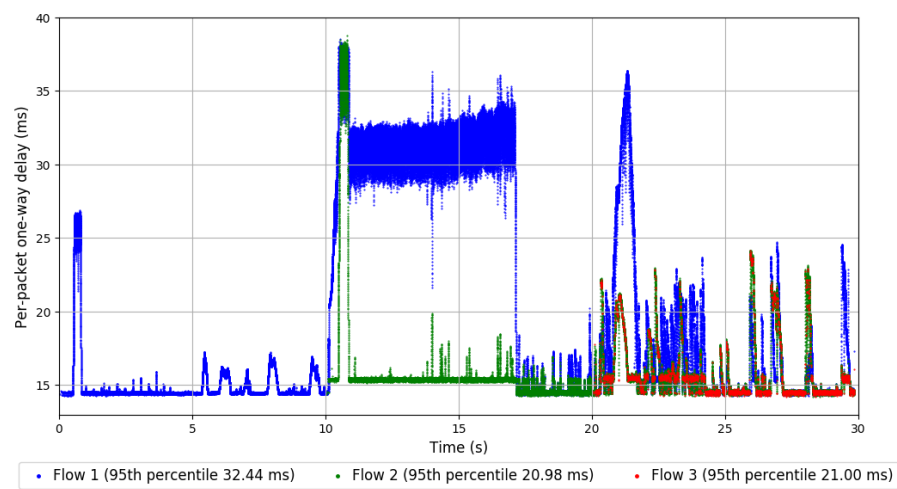
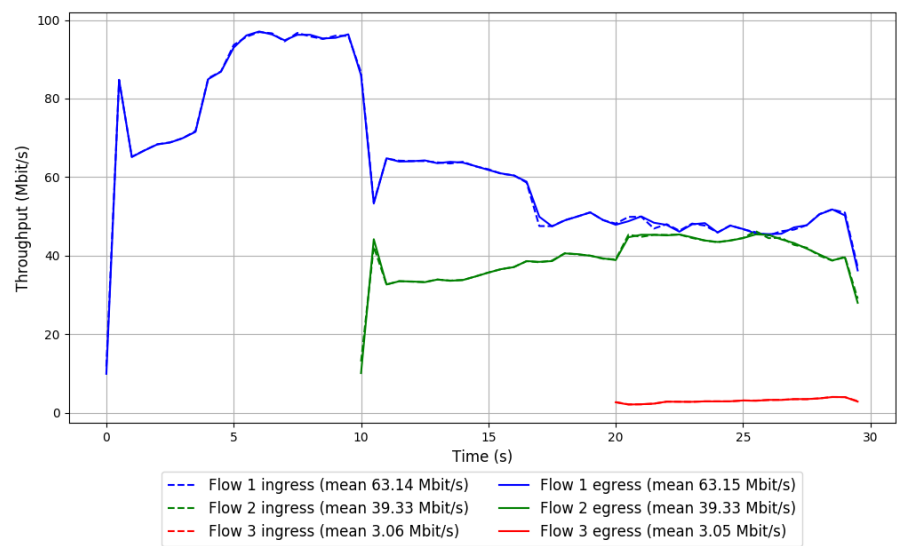


Run 5: Statistics of PCC

Start at: 2018-03-06 13:23:57
End at: 2018-03-06 13:24:28
Local clock offset: 2.532 ms
Remote clock offset: -0.551 ms

Below is generated by plot.py at 2018-03-06 19:01:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.28 Mbit/s
95th percentile per-packet one-way delay: 32.219 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 63.15 Mbit/s
95th percentile per-packet one-way delay: 32.439 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 39.33 Mbit/s
95th percentile per-packet one-way delay: 20.976 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 3.05 Mbit/s
95th percentile per-packet one-way delay: 21.001 ms
Loss rate: 0.40%

Run 5: Report of PCC — Data Link

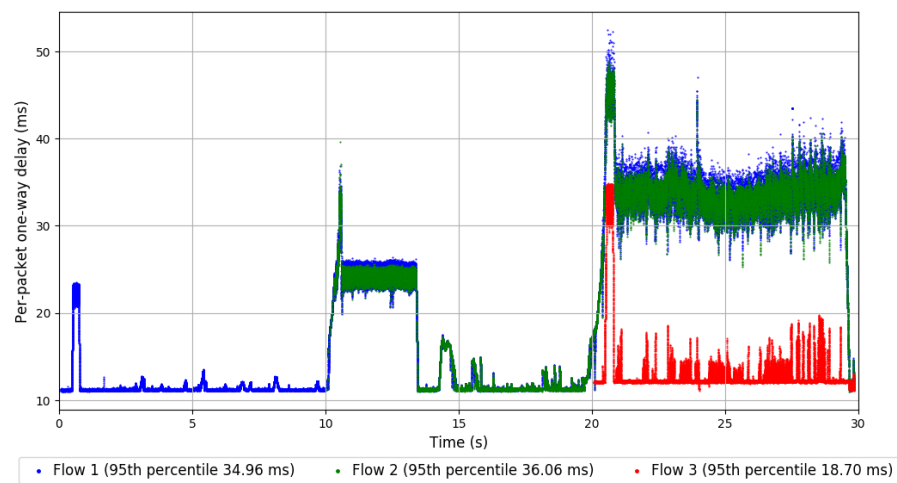
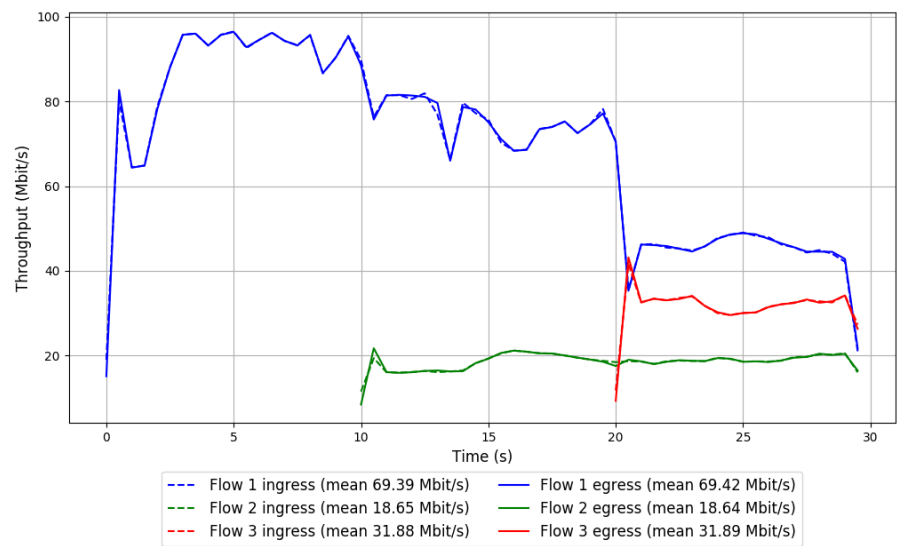


Run 6: Statistics of PCC

Start at: 2018-03-06 13:45:28
End at: 2018-03-06 13:45:58
Local clock offset: 1.926 ms
Remote clock offset: -0.873 ms

Below is generated by plot.py at 2018-03-06 19:01:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.29 Mbit/s
95th percentile per-packet one-way delay: 35.025 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 69.42 Mbit/s
95th percentile per-packet one-way delay: 34.957 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 18.64 Mbit/s
95th percentile per-packet one-way delay: 36.056 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 31.89 Mbit/s
95th percentile per-packet one-way delay: 18.695 ms
Loss rate: 0.30%

Run 6: Report of PCC — Data Link

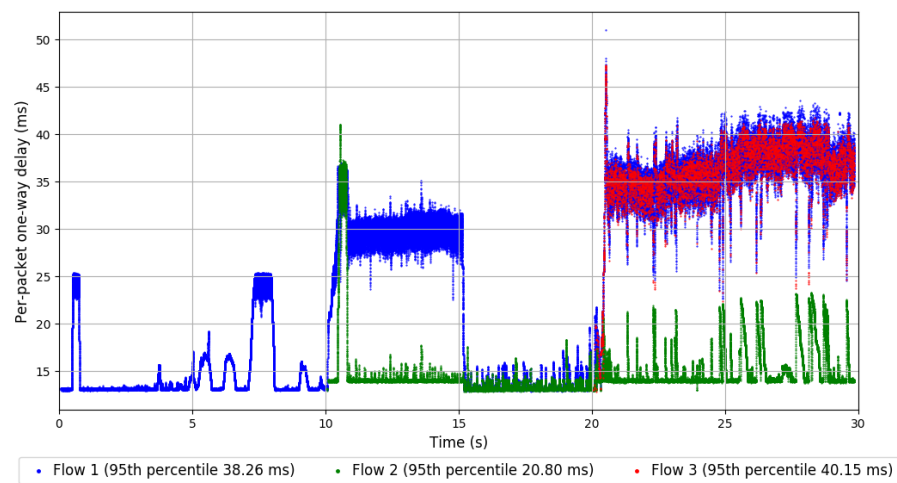
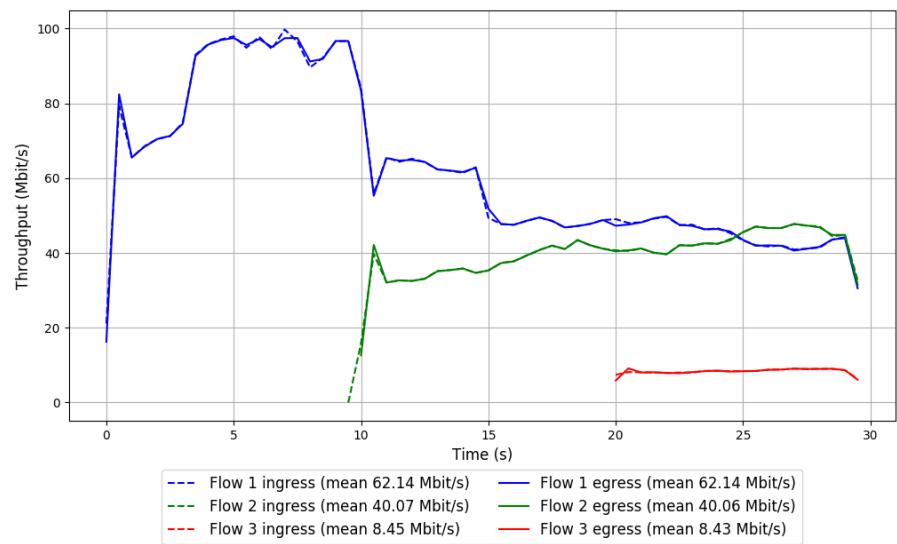


Run 7: Statistics of PCC

Start at: 2018-03-06 14:06:47
End at: 2018-03-06 14:07:17
Local clock offset: 5.054 ms
Remote clock offset: -0.751 ms

Below is generated by plot.py at 2018-03-06 19:01:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 37.842 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 62.14 Mbit/s
95th percentile per-packet one-way delay: 38.260 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.06 Mbit/s
95th percentile per-packet one-way delay: 20.805 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 8.43 Mbit/s
95th percentile per-packet one-way delay: 40.153 ms
Loss rate: 0.52%

Run 7: Report of PCC — Data Link

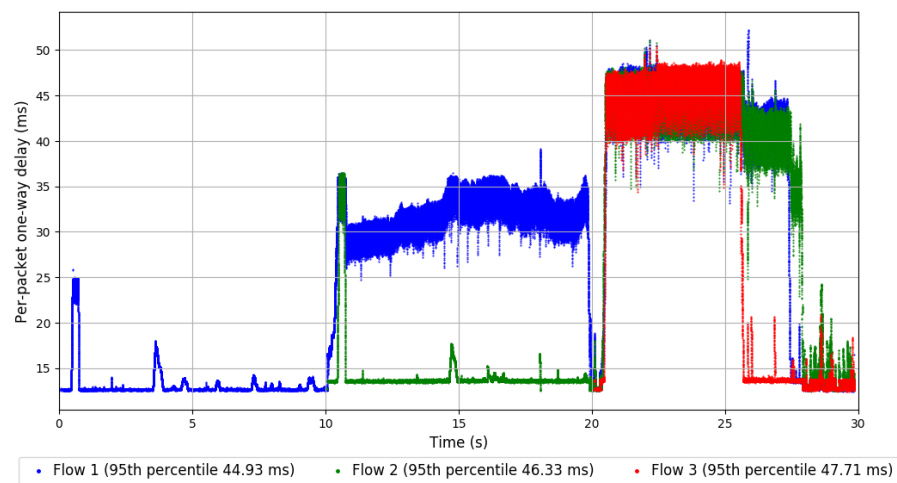
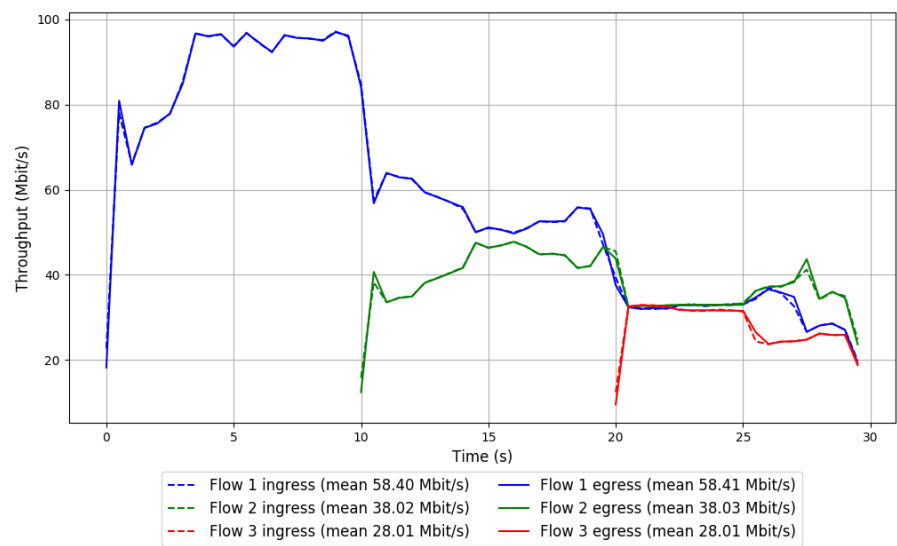


Run 8: Statistics of PCC

Start at: 2018-03-06 14:28:20
End at: 2018-03-06 14:28:50
Local clock offset: 3.854 ms
Remote clock offset: -2.878 ms

Below is generated by plot.py at 2018-03-06 19:01:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.90 Mbit/s
95th percentile per-packet one-way delay: 46.312 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 58.41 Mbit/s
95th percentile per-packet one-way delay: 44.932 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 38.03 Mbit/s
95th percentile per-packet one-way delay: 46.325 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 28.01 Mbit/s
95th percentile per-packet one-way delay: 47.714 ms
Loss rate: 0.22%

Run 8: Report of PCC — Data Link

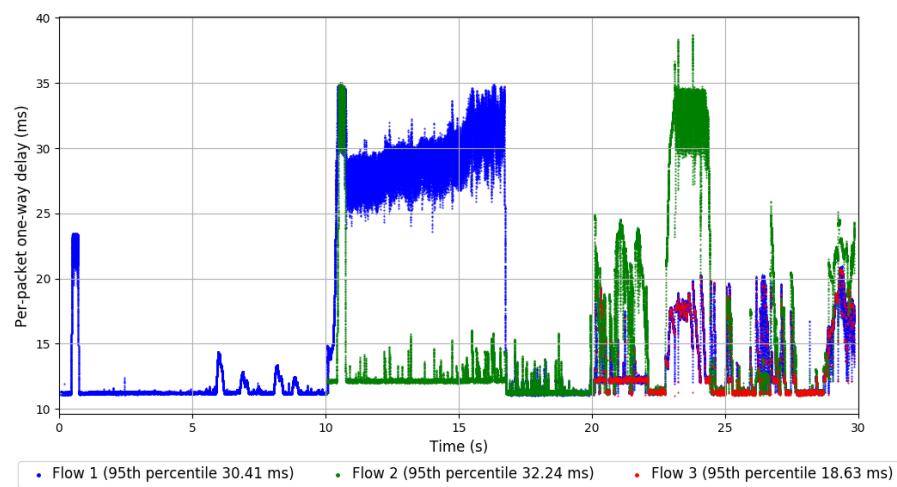
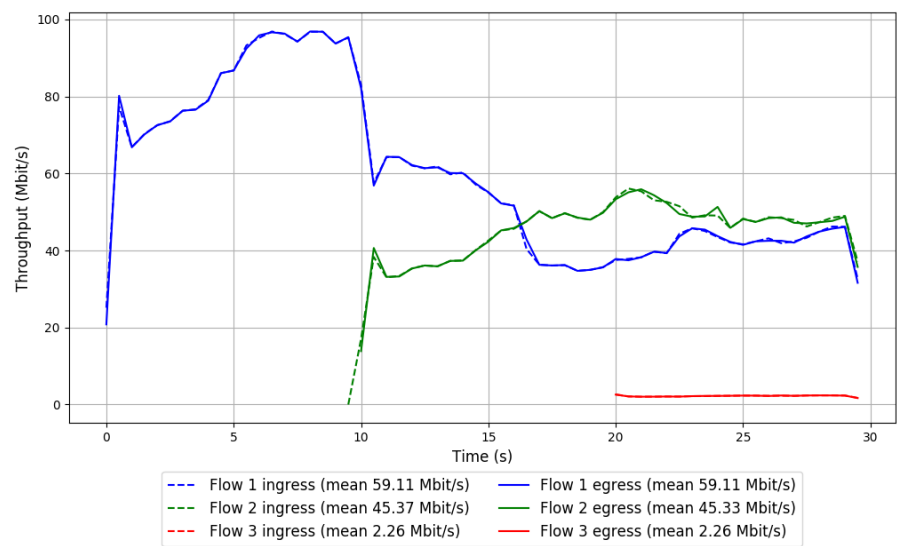


Run 9: Statistics of PCC

Start at: 2018-03-06 14:49:38
End at: 2018-03-06 14:50:08
Local clock offset: 2.62 ms
Remote clock offset: -4.689 ms

Below is generated by plot.py at 2018-03-06 19:01:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.01 Mbit/s
95th percentile per-packet one-way delay: 30.921 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 59.11 Mbit/s
95th percentile per-packet one-way delay: 30.405 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 45.33 Mbit/s
95th percentile per-packet one-way delay: 32.242 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 2.26 Mbit/s
95th percentile per-packet one-way delay: 18.630 ms
Loss rate: 0.33%

Run 9: Report of PCC — Data Link



Run 10: Statistics of PCC

Start at: 2018-03-06 15:10:46

End at: 2018-03-06 15:11:16

Local clock offset: 3.024 ms

Remote clock offset: -3.4 ms

Below is generated by plot.py at 2018-03-06 19:01:50

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.11 Mbit/s

95th percentile per-packet one-way delay: 45.311 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 58.74 Mbit/s

95th percentile per-packet one-way delay: 43.834 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 37.61 Mbit/s

95th percentile per-packet one-way delay: 45.470 ms

Loss rate: 0.09%

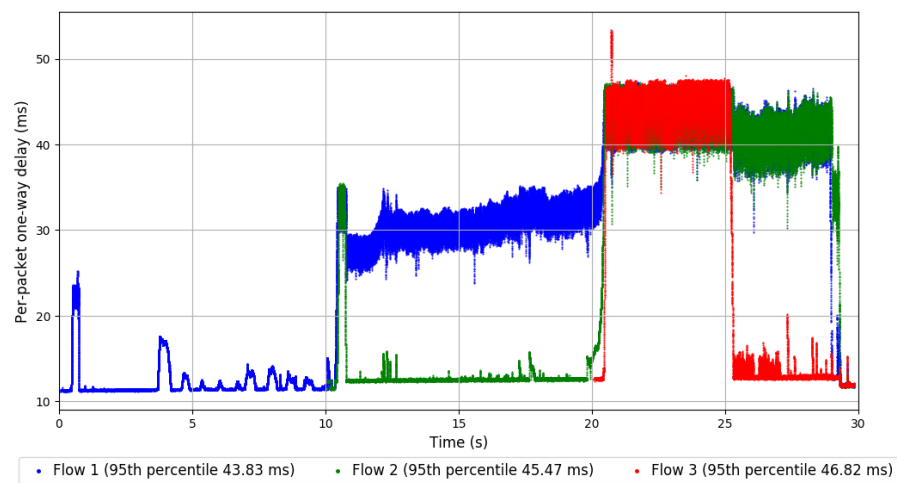
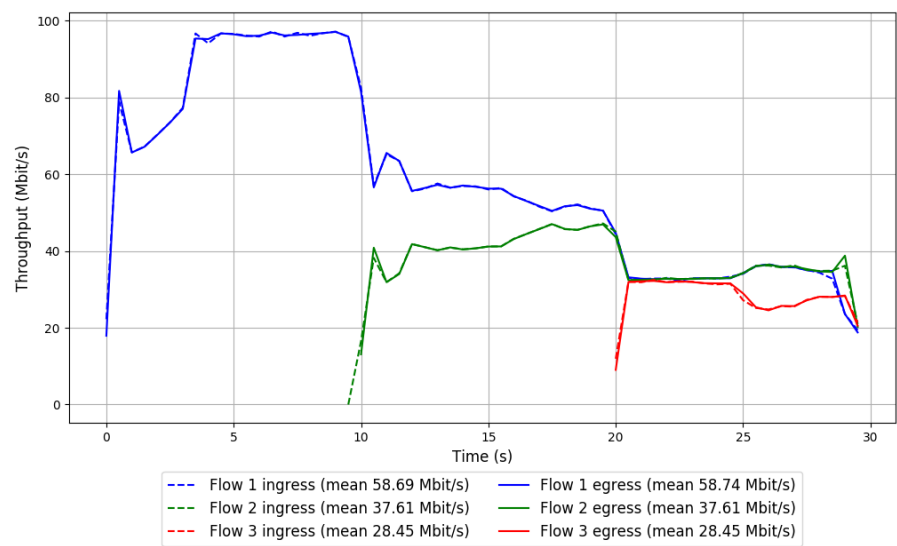
-- Flow 3:

Average throughput: 28.45 Mbit/s

95th percentile per-packet one-way delay: 46.824 ms

Loss rate: 0.27%

Run 10: Report of PCC — Data Link

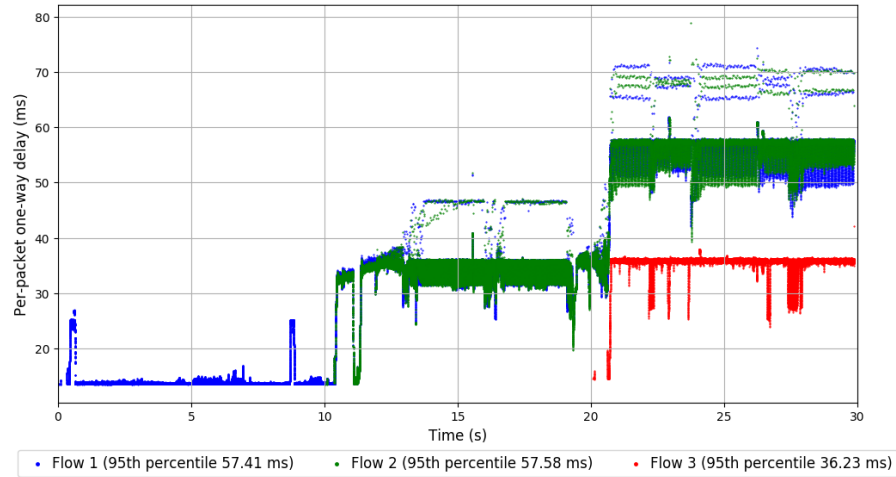
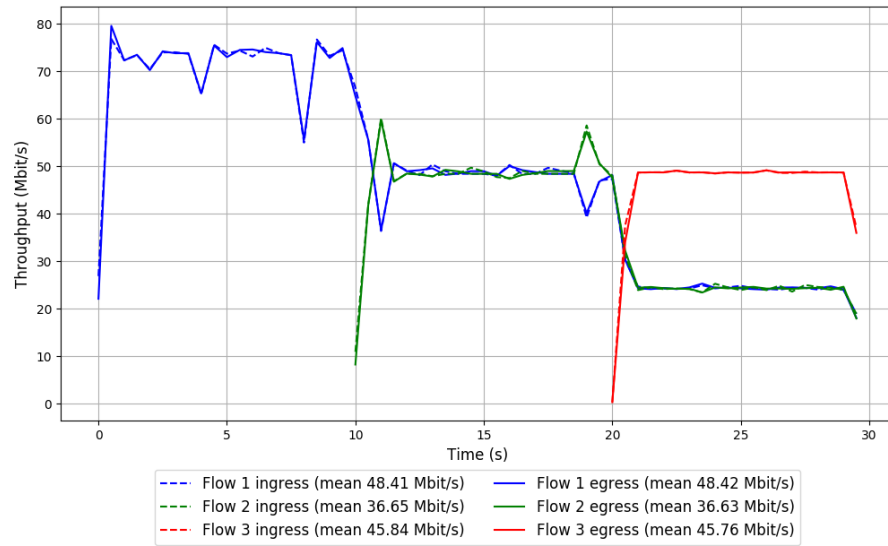


```
Run 1: Statistics of QUIC Cubic

Start at: 2018-03-06 12:03:36
End at: 2018-03-06 12:04:06
Local clock offset: 2.628 ms
Remote clock offset: 2.862 ms

# Below is generated by plot.py at 2018-03-06 19:01:50
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.79 Mbit/s
95th percentile per-packet one-way delay: 57.435 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 48.42 Mbit/s
95th percentile per-packet one-way delay: 57.407 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 36.63 Mbit/s
95th percentile per-packet one-way delay: 57.580 ms
Loss rate: 0.26%
-- Flow 3:
Average throughput: 45.76 Mbit/s
95th percentile per-packet one-way delay: 36.233 ms
Loss rate: 0.51%
```


Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-03-06 12:24:52

End at: 2018-03-06 12:25:22

Local clock offset: 2.326 ms

Remote clock offset: 6.374 ms

Below is generated by plot.py at 2018-03-06 19:01:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.03 Mbit/s

95th percentile per-packet one-way delay: 44.456 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 57.34 Mbit/s

95th percentile per-packet one-way delay: 44.407 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 41.23 Mbit/s

95th percentile per-packet one-way delay: 44.468 ms

Loss rate: 0.22%

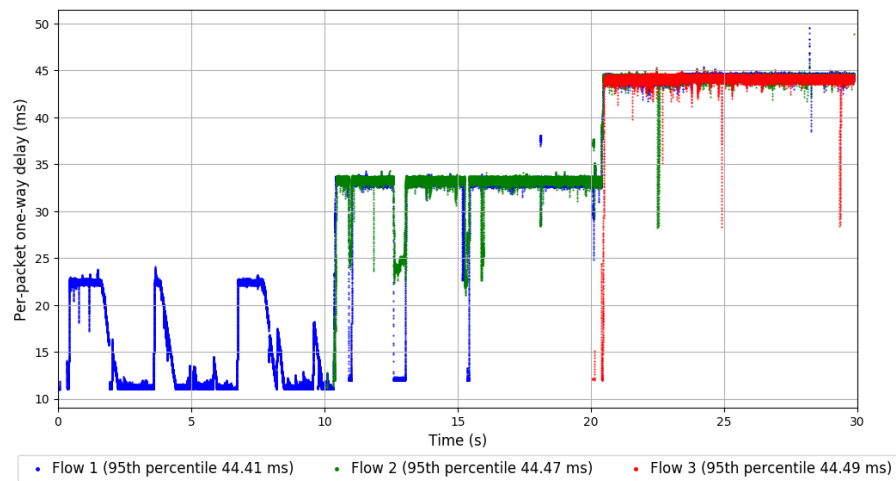
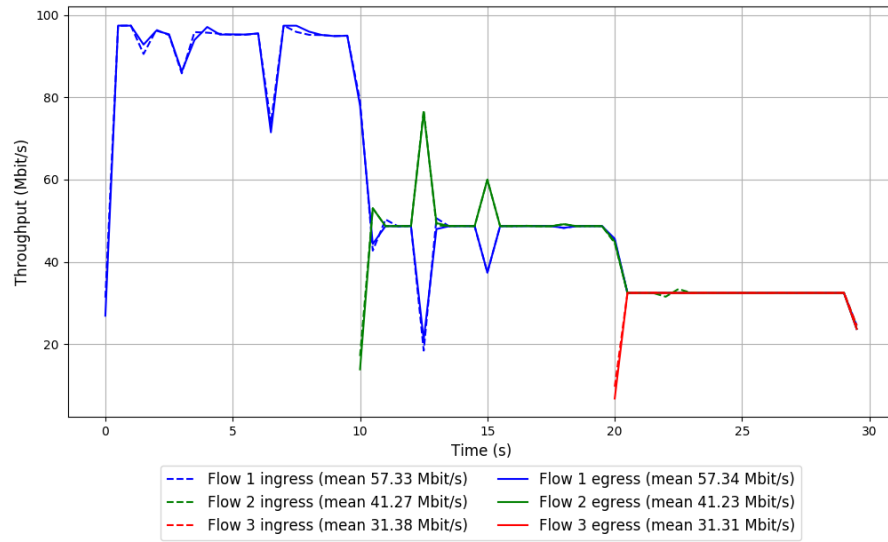
-- Flow 3:

Average throughput: 31.31 Mbit/s

95th percentile per-packet one-way delay: 44.488 ms

Loss rate: 0.60%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-03-06 12:46:12

End at: 2018-03-06 12:46:42

Local clock offset: -0.312 ms

Remote clock offset: 7.225 ms

Below is generated by plot.py at 2018-03-06 19:03:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.80 Mbit/s

95th percentile per-packet one-way delay: 53.972 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 56.04 Mbit/s

95th percentile per-packet one-way delay: 53.926 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 35.18 Mbit/s

95th percentile per-packet one-way delay: 54.103 ms

Loss rate: 0.23%

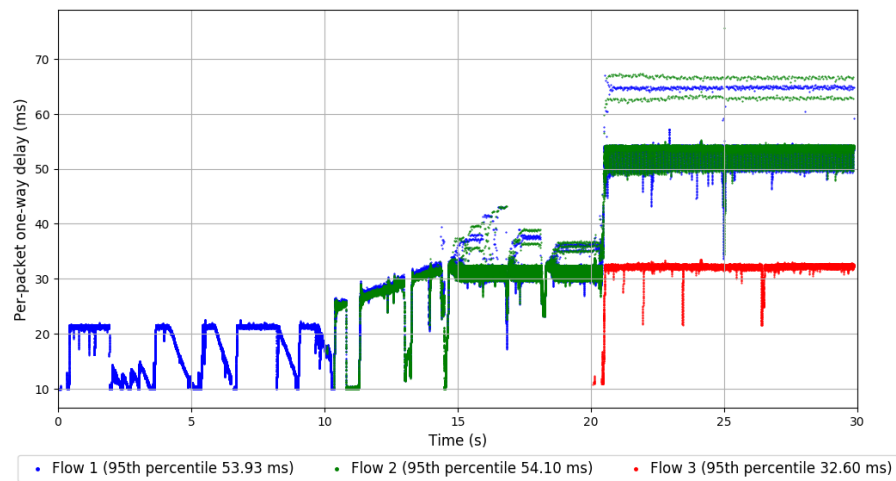
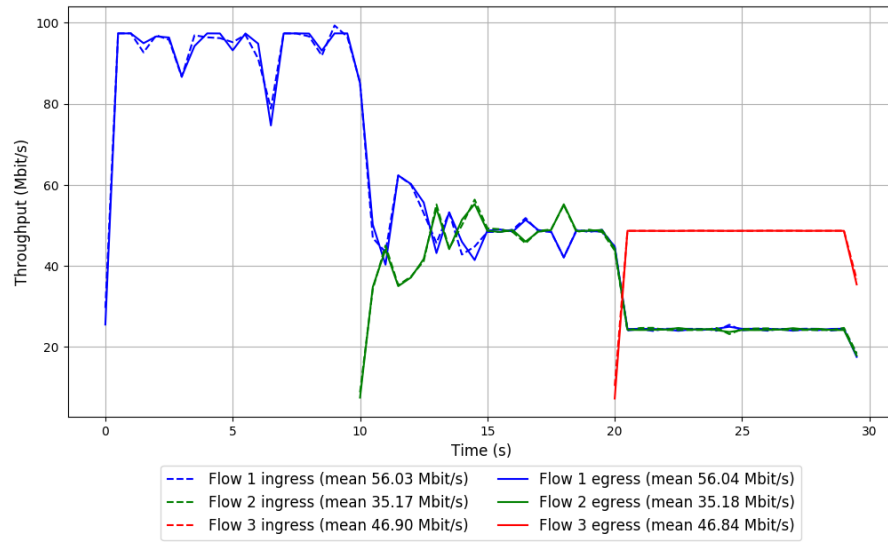
-- Flow 3:

Average throughput: 46.84 Mbit/s

95th percentile per-packet one-way delay: 32.597 ms

Loss rate: 0.48%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-03-06 13:07:28

End at: 2018-03-06 13:07:58

Local clock offset: 2.471 ms

Remote clock offset: 1.354 ms

Below is generated by plot.py at 2018-03-06 19:03:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.89 Mbit/s

95th percentile per-packet one-way delay: 54.365 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 55.72 Mbit/s

95th percentile per-packet one-way delay: 54.316 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 35.75 Mbit/s

95th percentile per-packet one-way delay: 54.507 ms

Loss rate: 0.22%

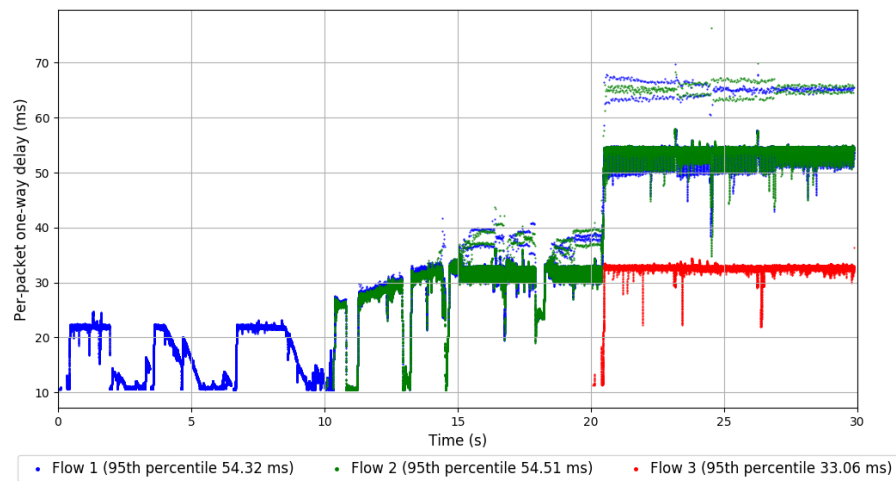
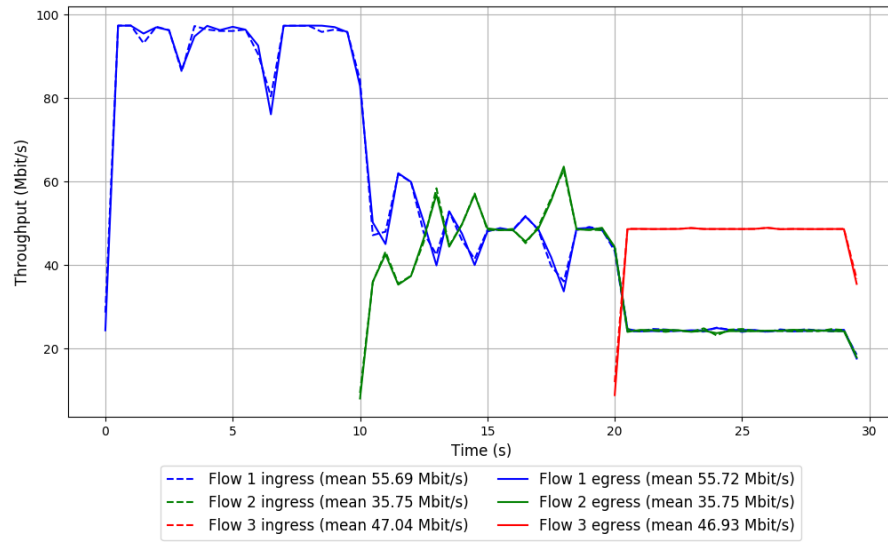
-- Flow 3:

Average throughput: 46.93 Mbit/s

95th percentile per-packet one-way delay: 33.056 ms

Loss rate: 0.48%

Run 4: Report of QUIC Cubic — Data Link

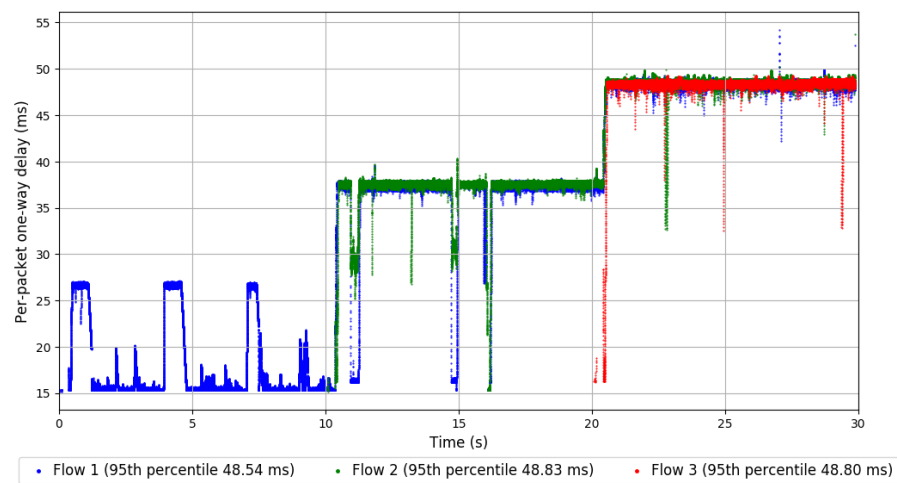
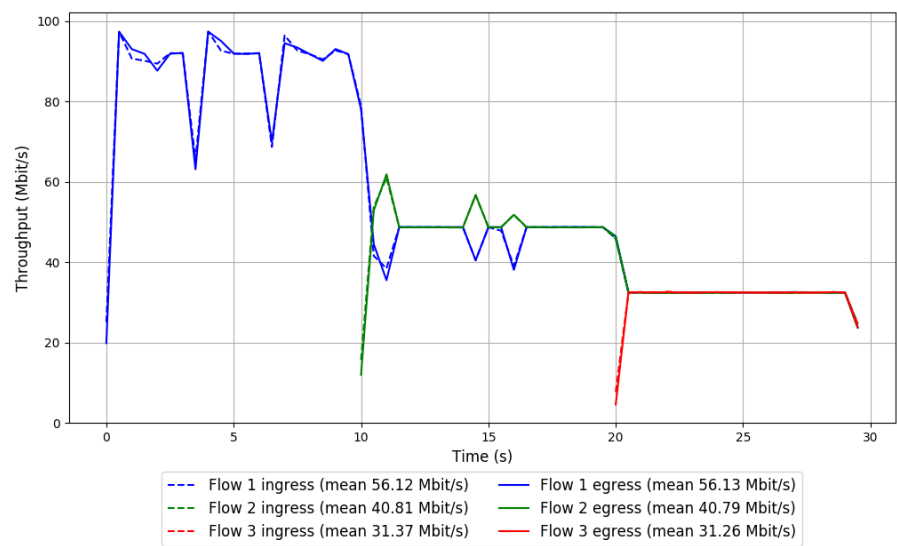


Run 5: Statistics of QUIC Cubic

Start at: 2018-03-06 13:28:48
End at: 2018-03-06 13:29:18
Local clock offset: 3.312 ms
Remote clock offset: -0.813 ms

Below is generated by plot.py at 2018-03-06 19:03:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.50 Mbit/s
95th percentile per-packet one-way delay: 48.724 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 56.13 Mbit/s
95th percentile per-packet one-way delay: 48.539 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 40.79 Mbit/s
95th percentile per-packet one-way delay: 48.829 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 31.26 Mbit/s
95th percentile per-packet one-way delay: 48.805 ms
Loss rate: 0.65%

Run 5: Report of QUIC Cubic — Data Link

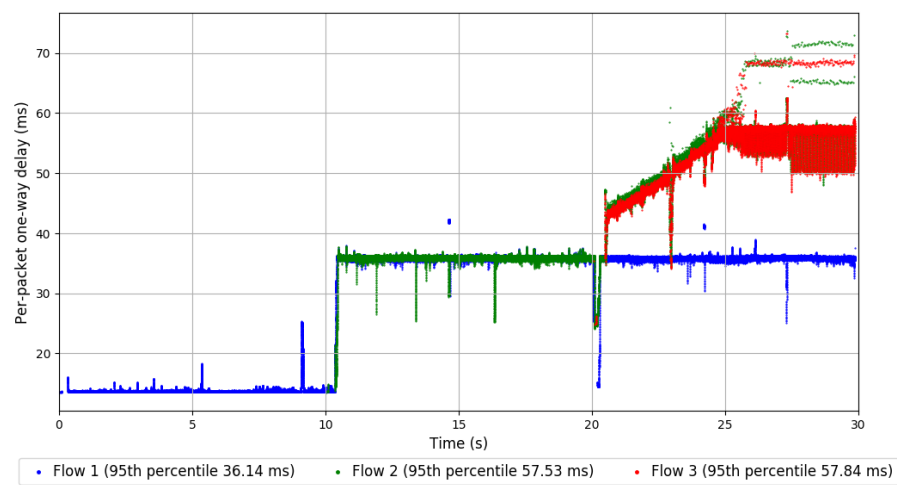
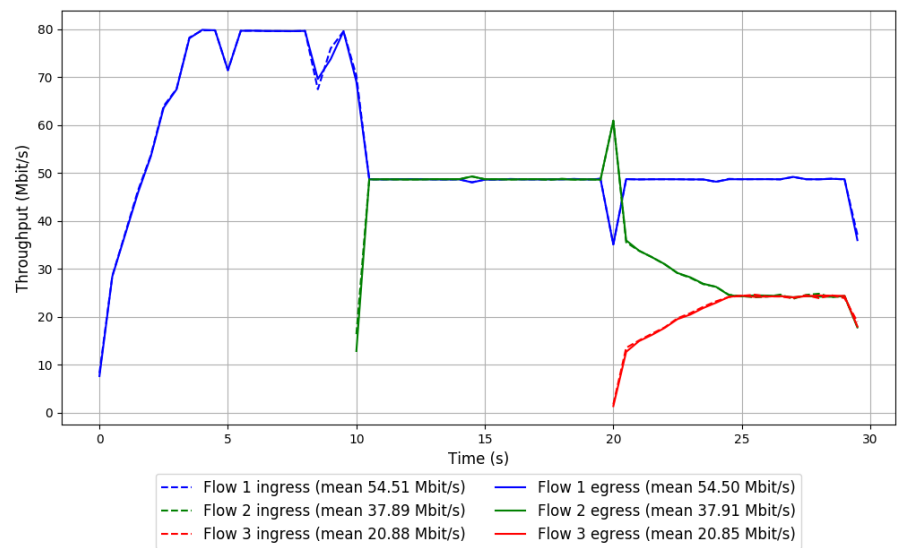


Run 6: Statistics of QUIC Cubic

Start at: 2018-03-06 13:50:16
End at: 2018-03-06 13:50:46
Local clock offset: 3.818 ms
Remote clock offset: -1.183 ms

Below is generated by plot.py at 2018-03-06 19:03:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.53 Mbit/s
95th percentile per-packet one-way delay: 57.216 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 54.50 Mbit/s
95th percentile per-packet one-way delay: 36.136 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 37.91 Mbit/s
95th percentile per-packet one-way delay: 57.533 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 20.85 Mbit/s
95th percentile per-packet one-way delay: 57.838 ms
Loss rate: 0.76%

Run 6: Report of QUIC Cubic — Data Link

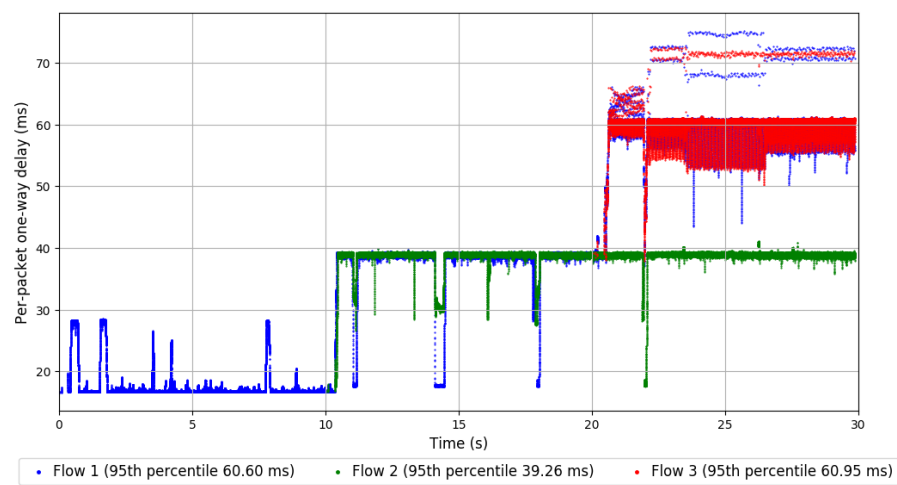
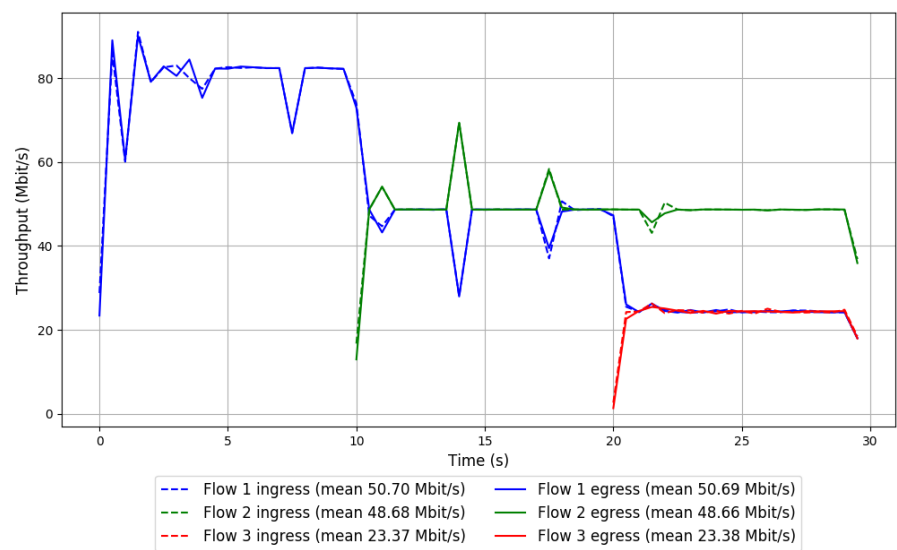


Run 7: Statistics of QUIC Cubic

Start at: 2018-03-06 14:11:46
End at: 2018-03-06 14:12:16
Local clock offset: 2.83 ms
Remote clock offset: -6.608 ms

Below is generated by plot.py at 2018-03-06 19:03:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.69 Mbit/s
95th percentile per-packet one-way delay: 60.633 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 50.69 Mbit/s
95th percentile per-packet one-way delay: 60.596 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 48.66 Mbit/s
95th percentile per-packet one-way delay: 39.259 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 23.38 Mbit/s
95th percentile per-packet one-way delay: 60.947 ms
Loss rate: 0.71%

Run 7: Report of QUIC Cubic — Data Link

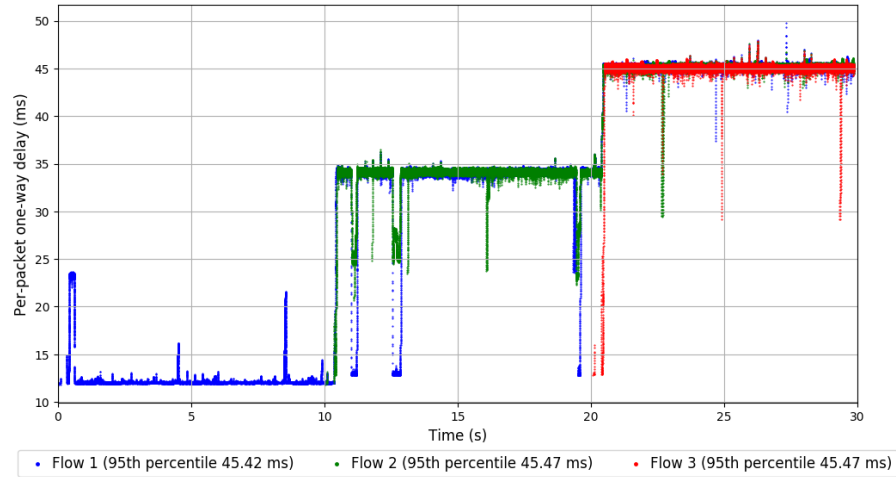
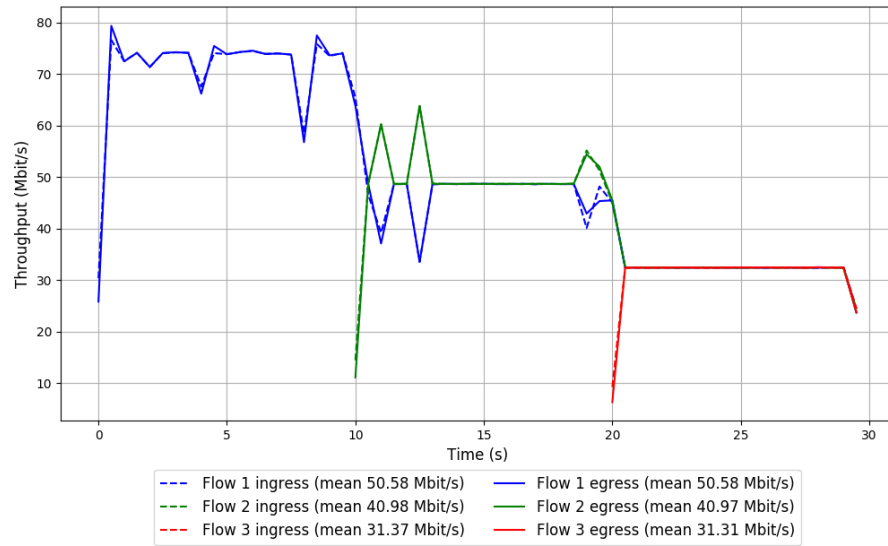


Run 8: Statistics of QUIC Cubic

Start at: 2018-03-06 14:33:11
End at: 2018-03-06 14:33:41
Local clock offset: 2.732 ms
Remote clock offset: -3.315 ms

Below is generated by plot.py at 2018-03-06 19:03:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.10 Mbit/s
95th percentile per-packet one-way delay: 45.452 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 50.58 Mbit/s
95th percentile per-packet one-way delay: 45.423 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 40.97 Mbit/s
95th percentile per-packet one-way delay: 45.474 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.31 Mbit/s
95th percentile per-packet one-way delay: 45.467 ms
Loss rate: 0.59%

Run 8: Report of QUIC Cubic — Data Link

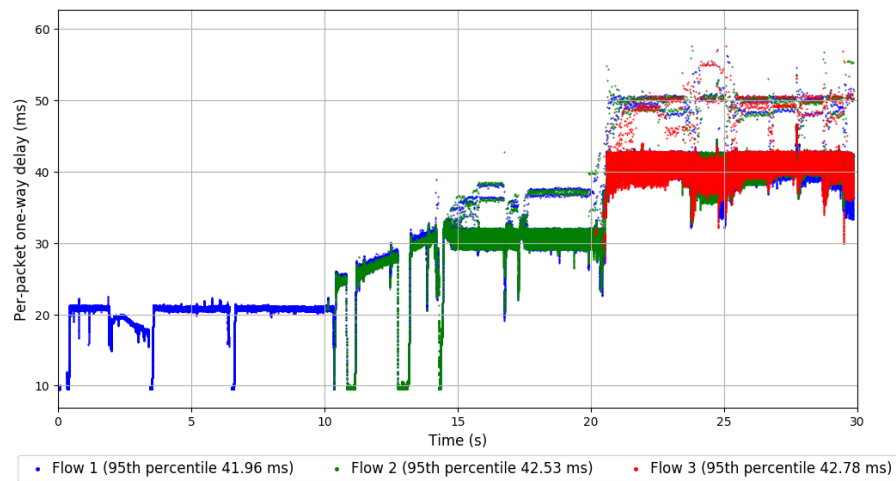
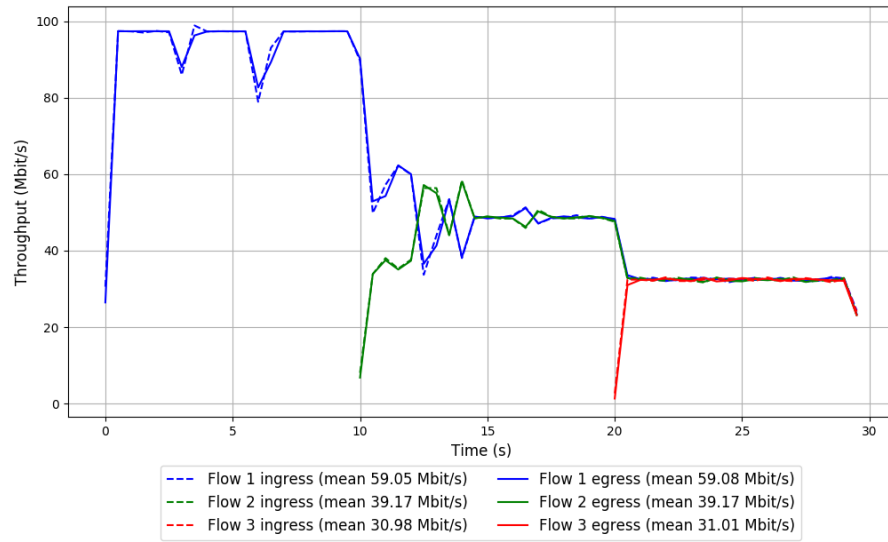


Run 9: Statistics of QUIC Cubic

Start at: 2018-03-06 14:54:26
End at: 2018-03-06 14:54:56
Local clock offset: 1.545 ms
Remote clock offset: -4.442 ms

Below is generated by plot.py at 2018-03-06 19:03:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.25 Mbit/s
95th percentile per-packet one-way delay: 42.490 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 59.08 Mbit/s
95th percentile per-packet one-way delay: 41.962 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.17 Mbit/s
95th percentile per-packet one-way delay: 42.528 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.01 Mbit/s
95th percentile per-packet one-way delay: 42.776 ms
Loss rate: 0.57%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-03-06 15:15:34

End at: 2018-03-06 15:16:04

Local clock offset: 1.35 ms

Remote clock offset: 1.155 ms

Below is generated by plot.py at 2018-03-06 19:03:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.47 Mbit/s

95th percentile per-packet one-way delay: 53.422 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 63.39 Mbit/s

95th percentile per-packet one-way delay: 32.040 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 36.76 Mbit/s

95th percentile per-packet one-way delay: 53.566 ms

Loss rate: 0.23%

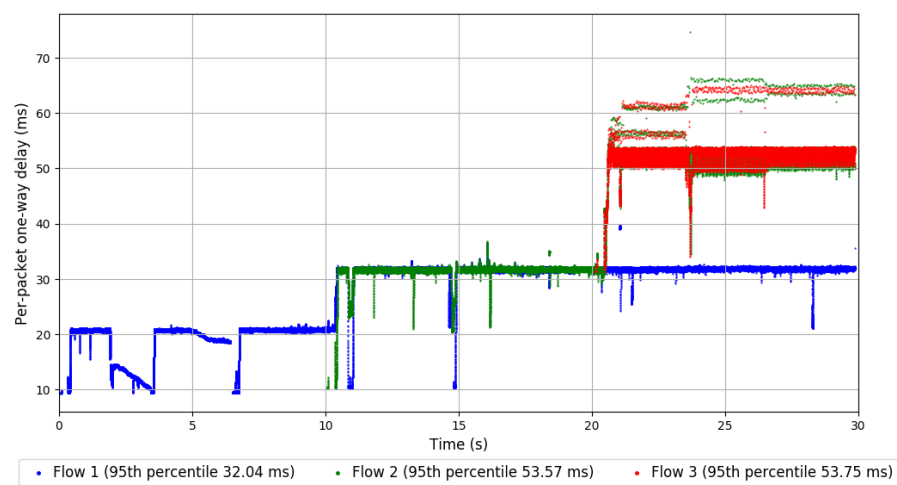
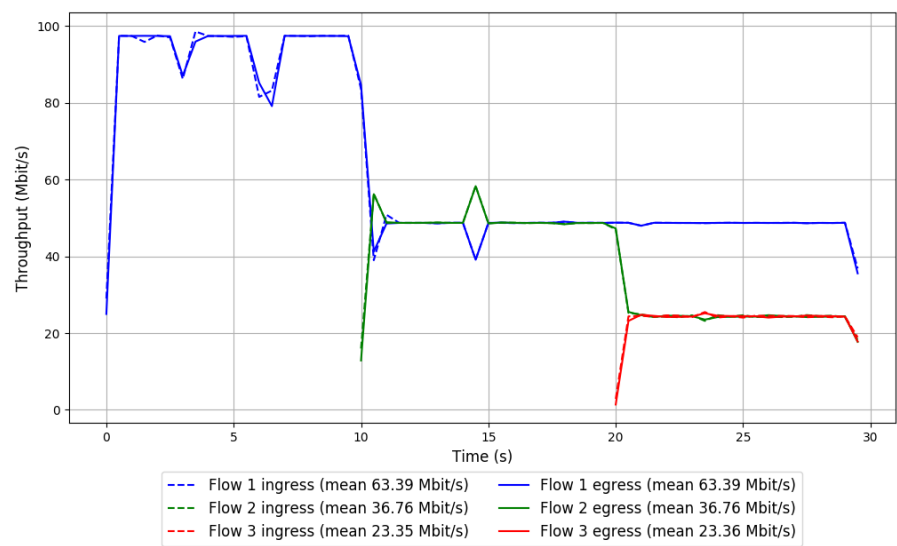
-- Flow 3:

Average throughput: 23.36 Mbit/s

95th percentile per-packet one-way delay: 53.750 ms

Loss rate: 0.71%

Run 10: Report of QUIC Cubic — Data Link

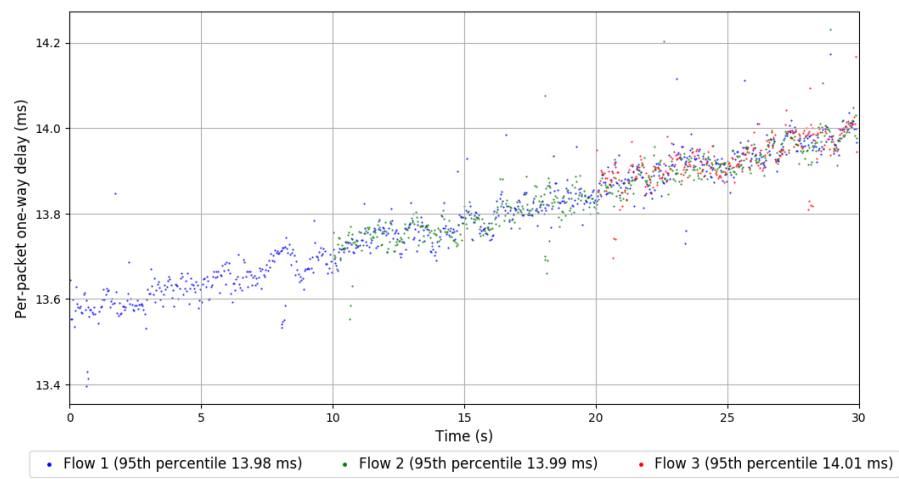
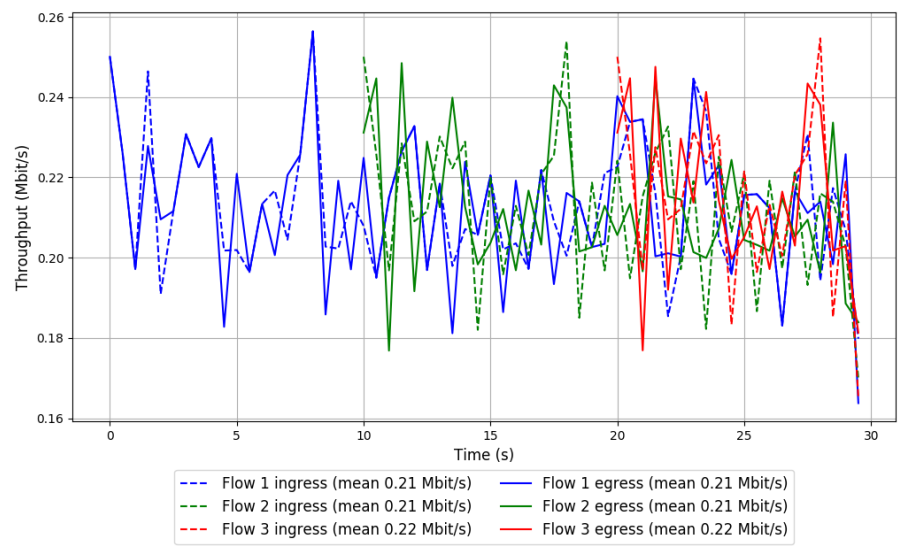


Run 1: Statistics of SReAM

Start at: 2018-03-06 11:48:15
End at: 2018-03-06 11:48:45
Local clock offset: 4.194 ms
Remote clock offset: -4.472 ms

Below is generated by plot.py at 2018-03-06 19:03:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 13.992 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.981 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.989 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 14.006 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link



Run 2: Statistics of SReAM

Start at: 2018-03-06 12:09:25

End at: 2018-03-06 12:09:55

Local clock offset: 0.992 ms

Remote clock offset: 4.518 ms

Below is generated by plot.py at 2018-03-06 19:03:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 10.512 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 10.505 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 10.517 ms

Loss rate: 0.00%

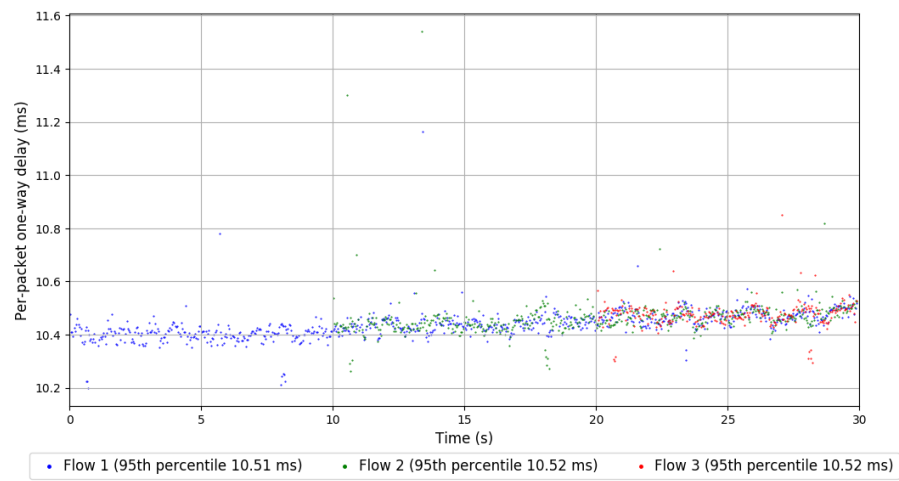
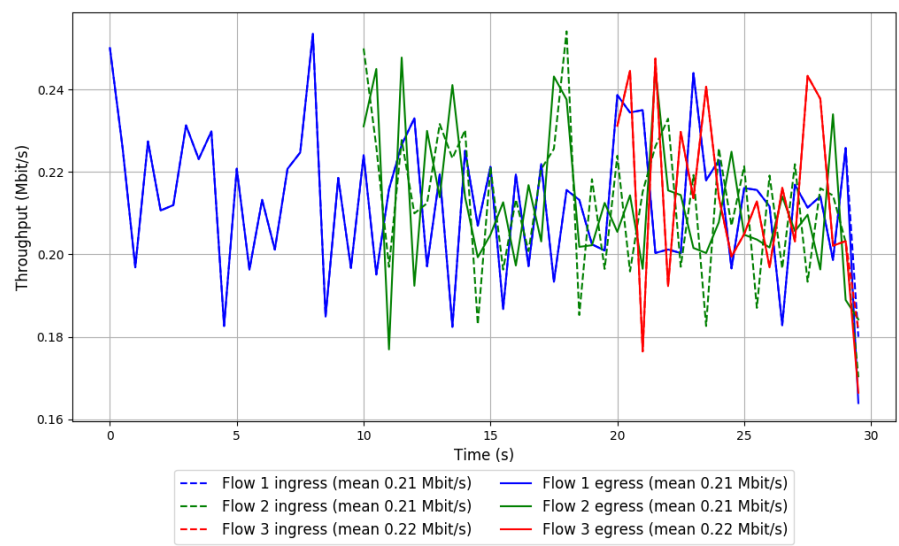
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 10.524 ms

Loss rate: 0.35%

Run 2: Report of SReAM — Data Link



Run 3: Statistics of SReAM

Start at: 2018-03-06 12:30:41

End at: 2018-03-06 12:31:11

Local clock offset: 0.48 ms

Remote clock offset: 4.807 ms

Below is generated by plot.py at 2018-03-06 19:03:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 11.418 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 11.416 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 11.407 ms

Loss rate: 0.00%

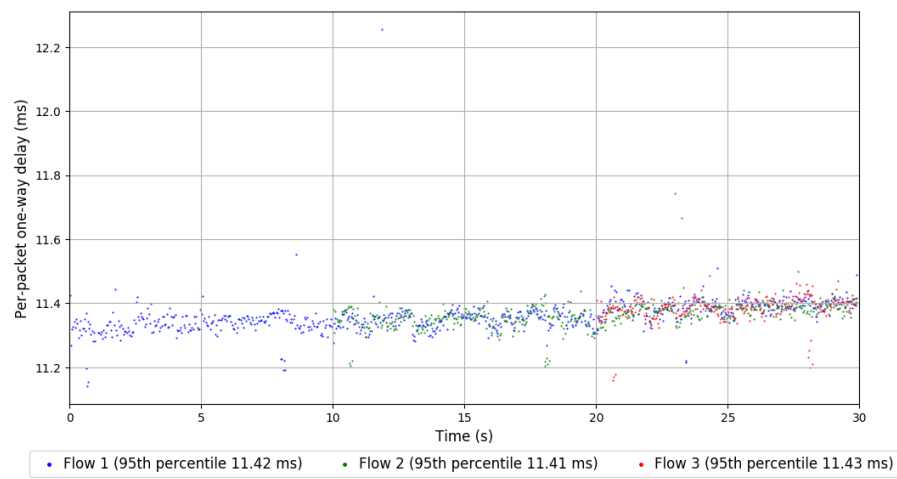
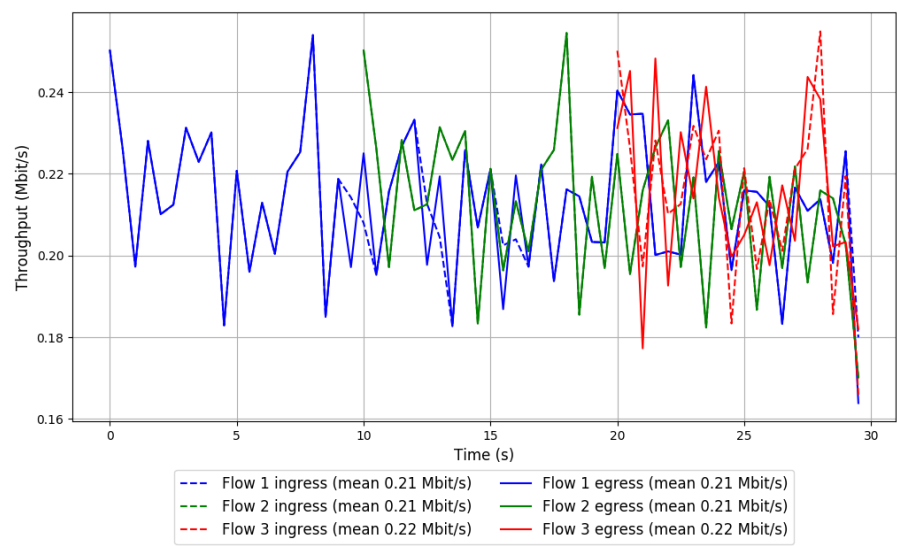
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 11.431 ms

Loss rate: 0.00%

Run 3: Report of SReAM — Data Link



Run 4: Statistics of SReAM

Start at: 2018-03-06 12:52:04

End at: 2018-03-06 12:52:34

Local clock offset: -1.002 ms

Remote clock offset: 8.246 ms

Below is generated by plot.py at 2018-03-06 19:03:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 8.982 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 8.982 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 8.983 ms

Loss rate: 0.00%

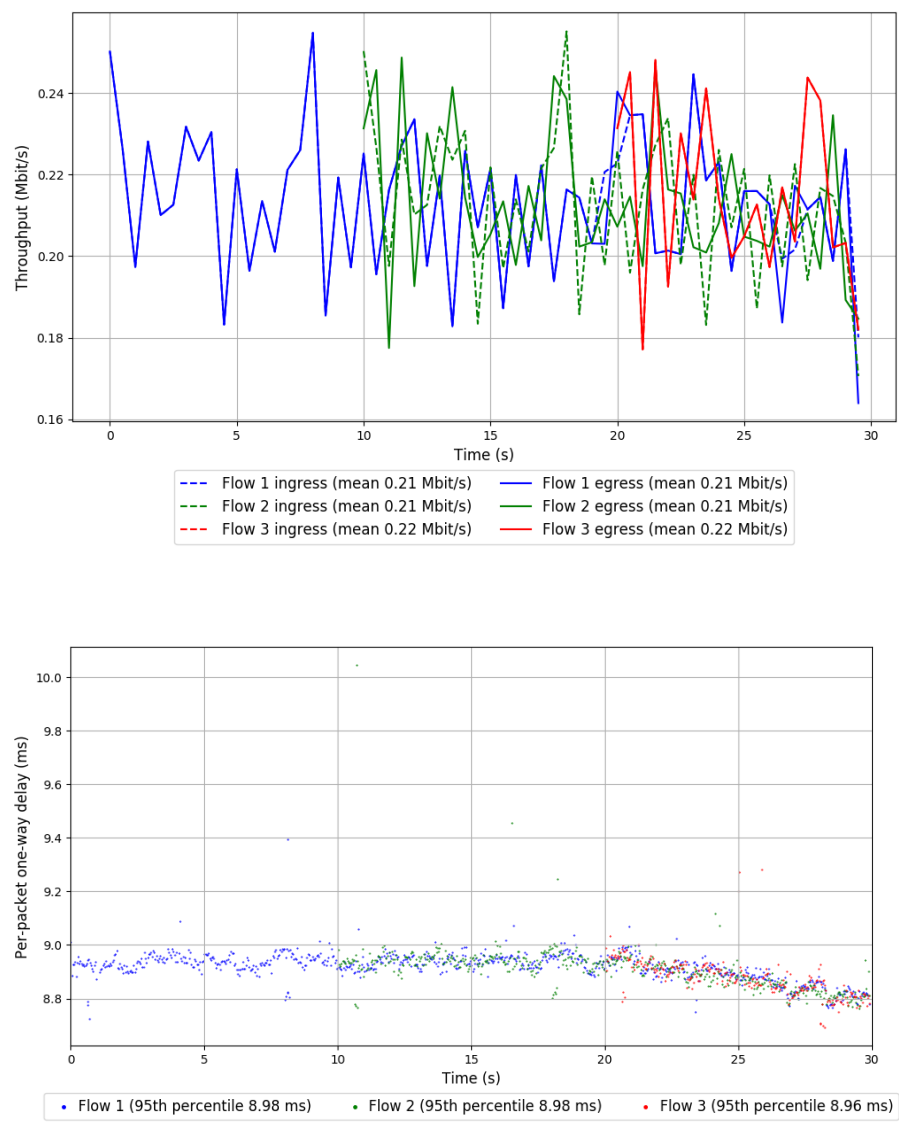
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 8.964 ms

Loss rate: 0.00%

Run 4: Report of SReAM — Data Link



Run 5: Statistics of SReAM

Start at: 2018-03-06 13:13:17

End at: 2018-03-06 13:13:47

Local clock offset: 4.156 ms

Remote clock offset: 0.839 ms

Below is generated by plot.py at 2018-03-06 19:03:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.43 Mbit/s

95th percentile per-packet one-way delay: 12.915 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 12.926 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 12.905 ms

Loss rate: 0.00%

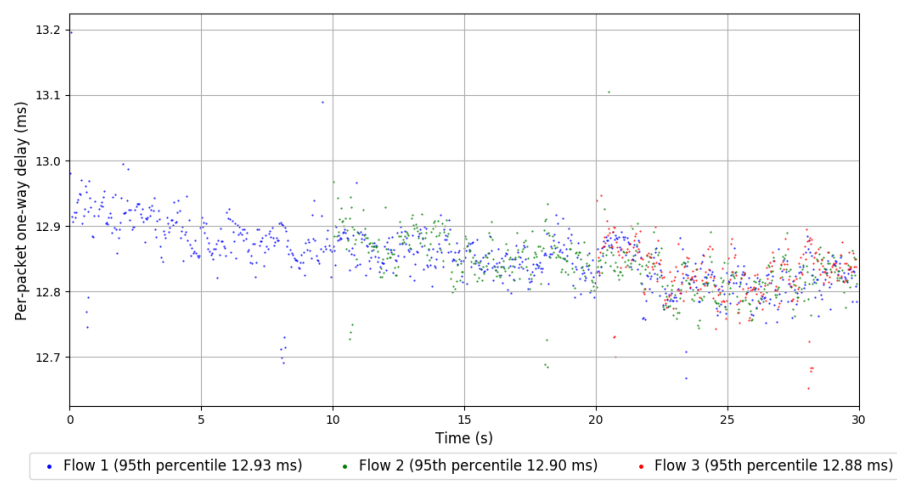
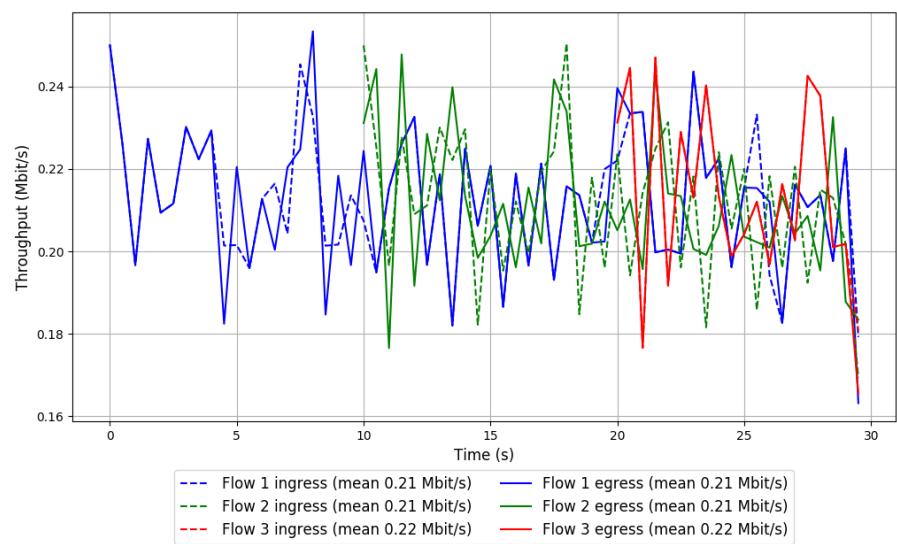
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 12.885 ms

Loss rate: 0.35%

Run 5: Report of SReAM — Data Link



Run 6: Statistics of SReAM

Start at: 2018-03-06 13:34:40

End at: 2018-03-06 13:35:10

Local clock offset: 6.854 ms

Remote clock offset: 0.5 ms

Below is generated by plot.py at 2018-03-06 19:03:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.42 Mbit/s

95th percentile per-packet one-way delay: 17.771 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 17.756 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 17.770 ms

Loss rate: 0.00%

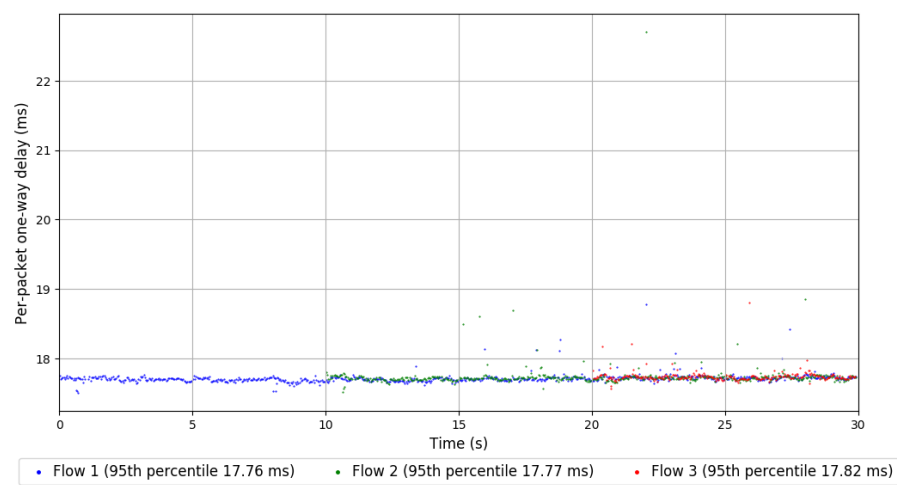
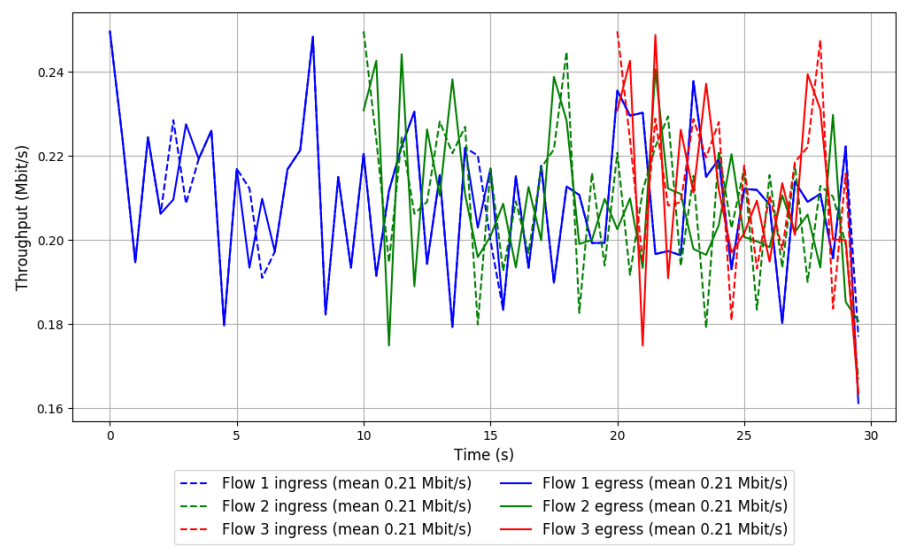
-- Flow 3:

Average throughput: 0.21 Mbit/s

95th percentile per-packet one-way delay: 17.821 ms

Loss rate: 0.35%

Run 6: Report of SReAM — Data Link

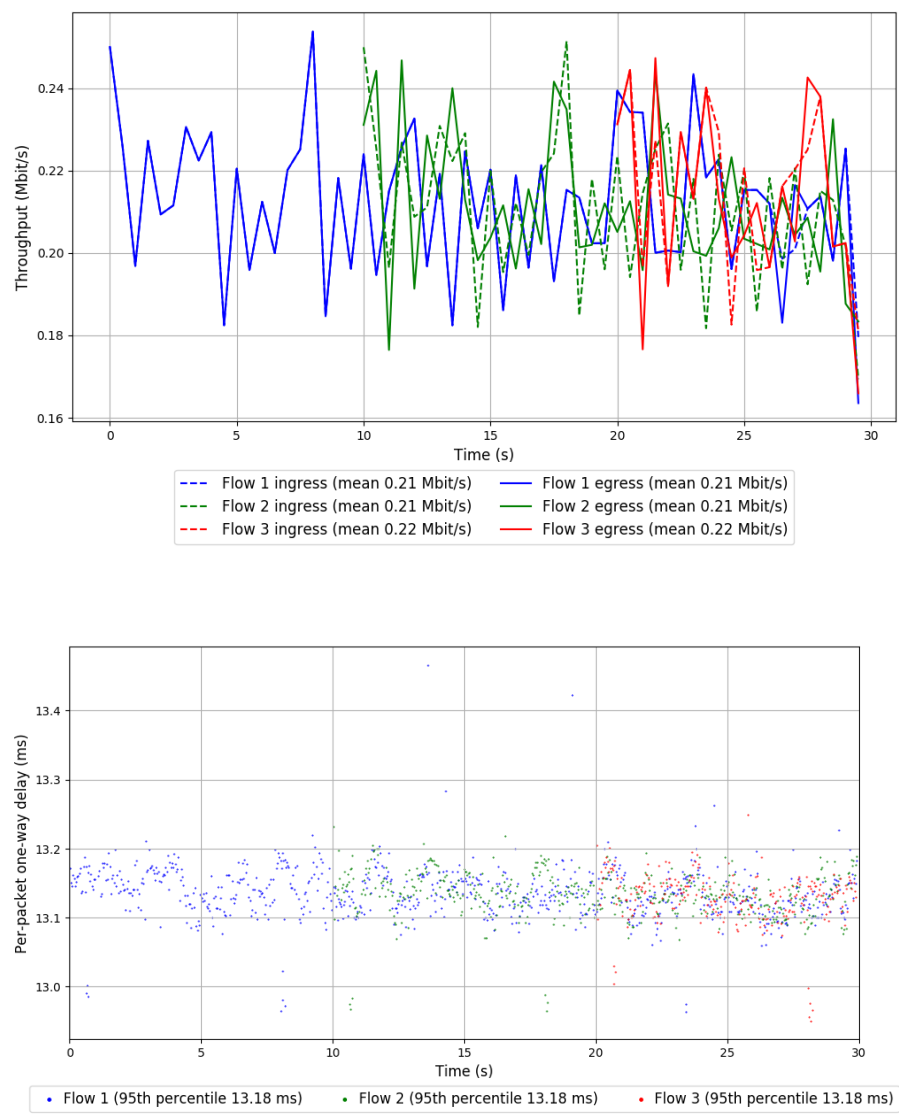


Run 7: Statistics of SReAM

Start at: 2018-03-06 13:56:10
End at: 2018-03-06 13:56:40
Local clock offset: 5.079 ms
Remote clock offset: 0.447 ms

Below is generated by plot.py at 2018-03-06 19:03:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 13.183 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.184 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.184 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 13.179 ms
Loss rate: 0.35%

Run 7: Report of SReAM — Data Link

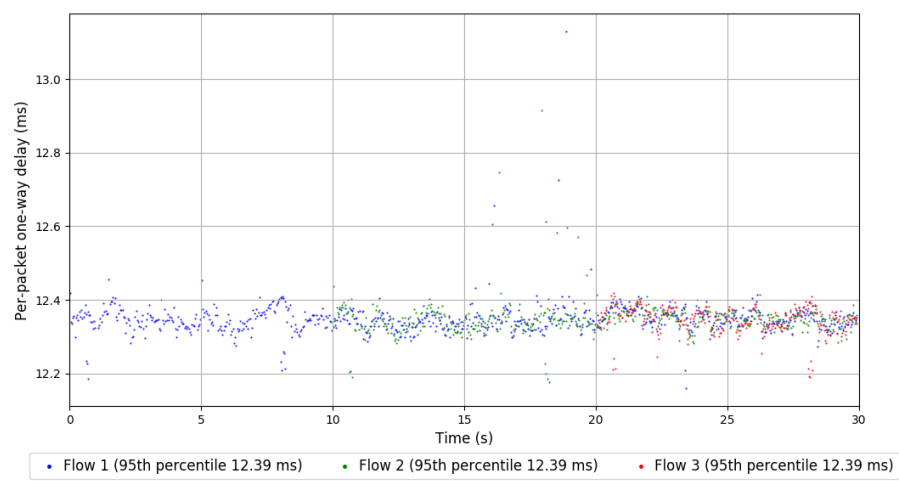
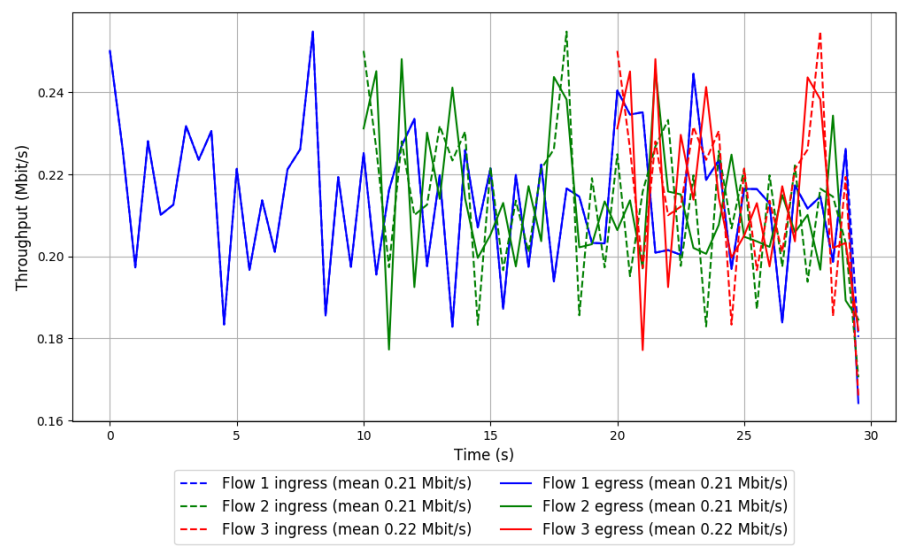


Run 8: Statistics of SReAM

Start at: 2018-03-06 14:17:36
End at: 2018-03-06 14:18:06
Local clock offset: 3.965 ms
Remote clock offset: -2.666 ms

Below is generated by plot.py at 2018-03-06 19:03:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 12.392 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.394 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 12.387 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 12.393 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

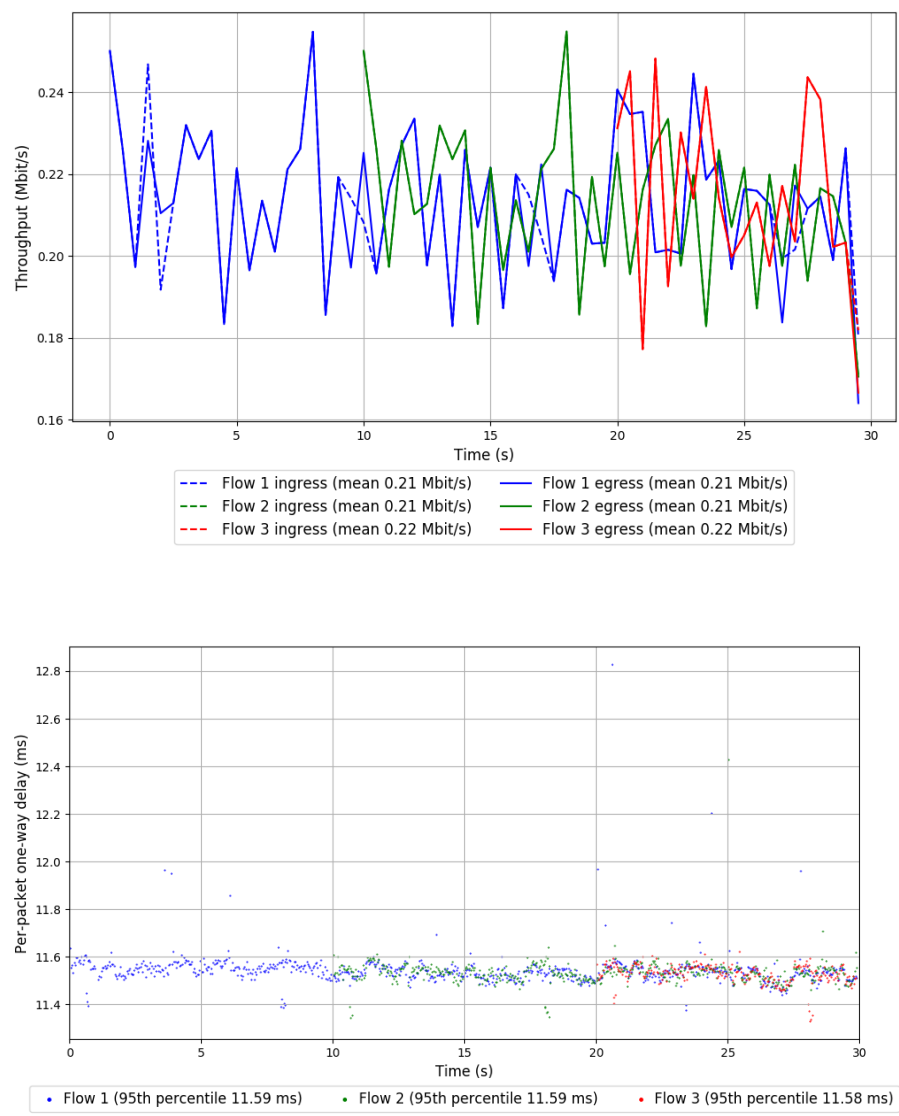


Run 9: Statistics of SReAM

Start at: 2018-03-06 14:38:58
End at: 2018-03-06 14:39:28
Local clock offset: 3.174 ms
Remote clock offset: -2.743 ms

Below is generated by plot.py at 2018-03-06 19:03:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 11.585 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.587 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.585 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 11.578 ms
Loss rate: 0.35%

Run 9: Report of SReAM — Data Link

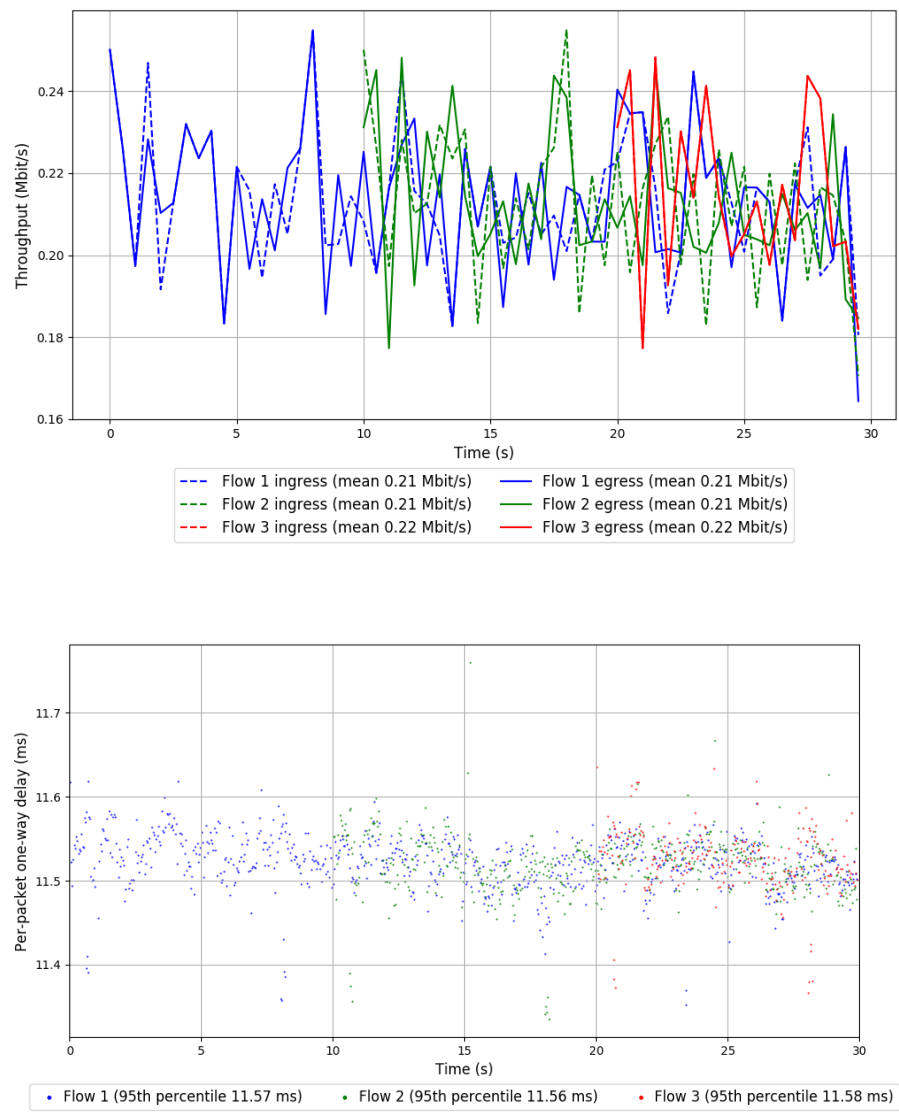


Run 10: Statistics of SReAM

Start at: 2018-03-06 15:00:14
End at: 2018-03-06 15:00:44
Local clock offset: 4.089 ms
Remote clock offset: -4.344 ms

Below is generated by plot.py at 2018-03-06 19:03:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 11.567 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.567 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 11.565 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 11.576 ms
Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-03-06 11:55:22

End at: 2018-03-06 11:55:52

Local clock offset: 3.286 ms

Remote clock offset: 0.261 ms

Below is generated by plot.py at 2018-03-06 19:03:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.45 Mbit/s

95th percentile per-packet one-way delay: 13.707 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 2.39 Mbit/s

95th percentile per-packet one-way delay: 13.658 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.45 Mbit/s

95th percentile per-packet one-way delay: 13.631 ms

Loss rate: 0.00%

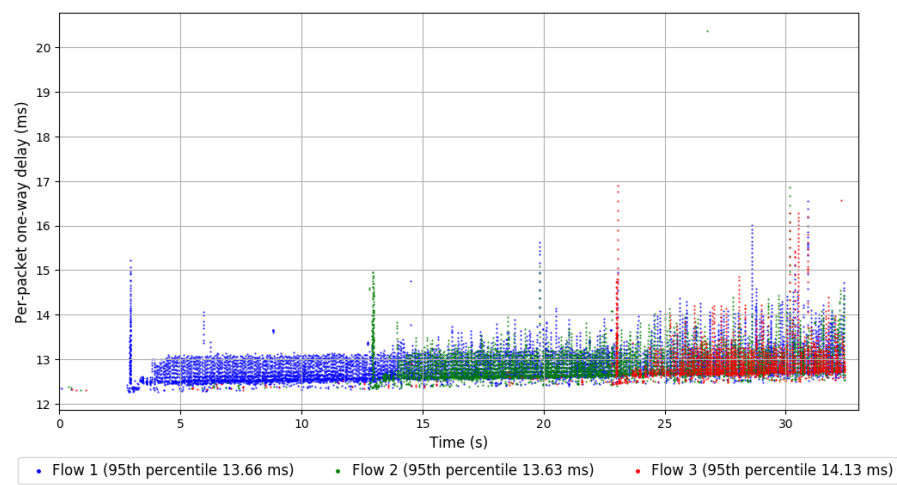
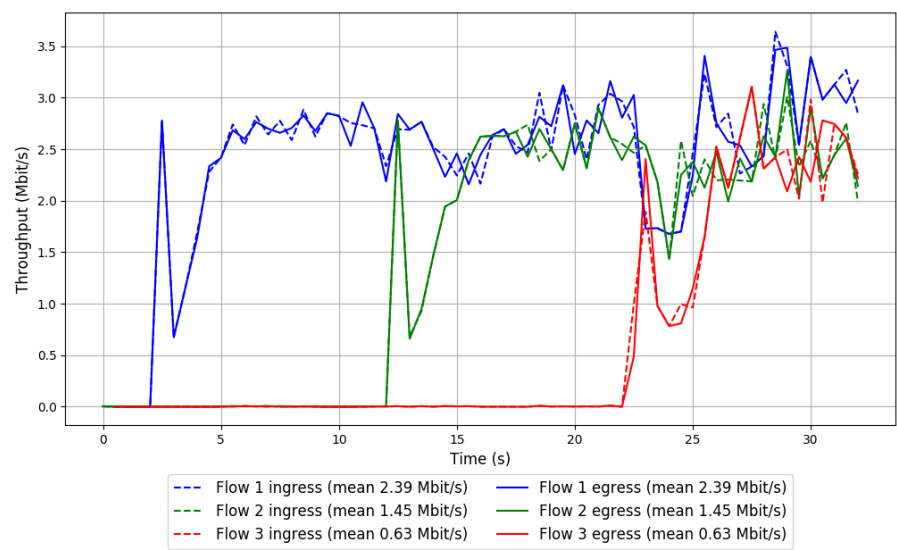
-- Flow 3:

Average throughput: 0.63 Mbit/s

95th percentile per-packet one-way delay: 14.131 ms

Loss rate: 0.10%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-03-06 12:16:31

End at: 2018-03-06 12:17:01

Local clock offset: 1.836 ms

Remote clock offset: 5.188 ms

Below is generated by plot.py at 2018-03-06 19:03:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.51 Mbit/s

95th percentile per-packet one-way delay: 12.612 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.40 Mbit/s

95th percentile per-packet one-way delay: 12.540 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.47 Mbit/s

95th percentile per-packet one-way delay: 12.679 ms

Loss rate: 0.00%

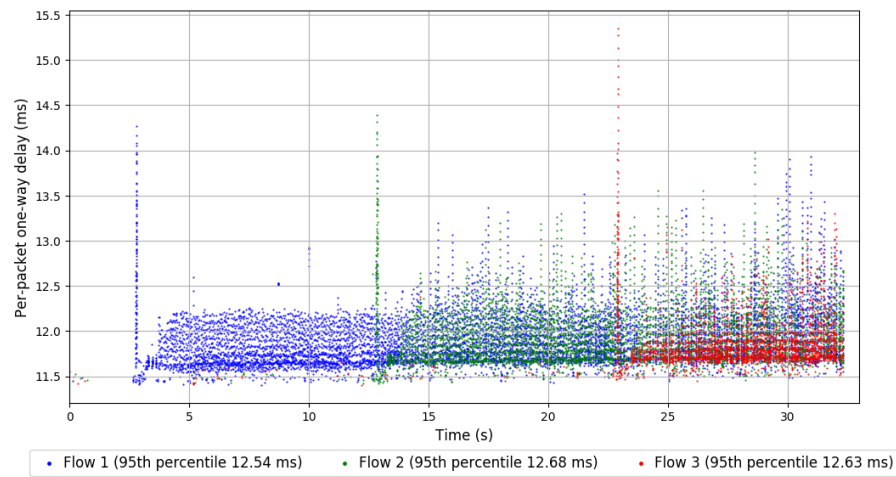
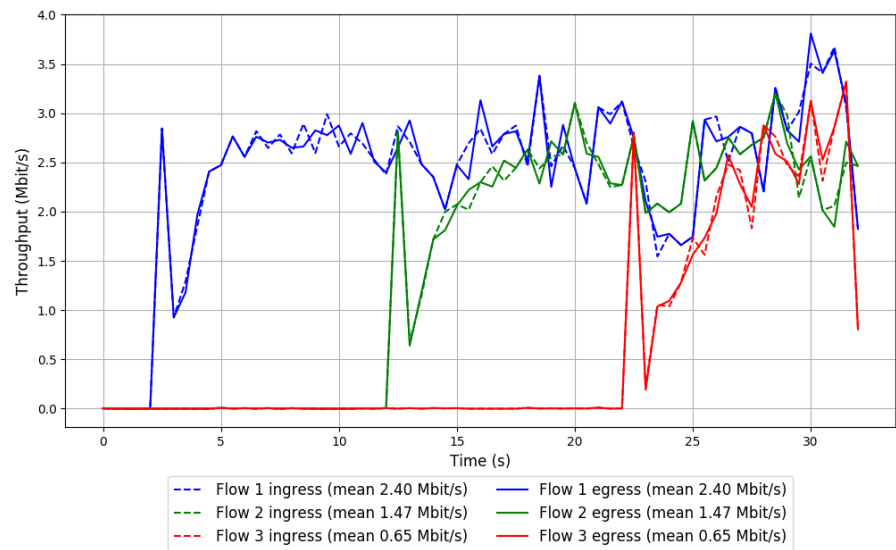
-- Flow 3:

Average throughput: 0.65 Mbit/s

95th percentile per-packet one-way delay: 12.633 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-03-06 12:37:45

End at: 2018-03-06 12:38:15

Local clock offset: 2.211 ms

Remote clock offset: 6.001 ms

Below is generated by plot.py at 2018-03-06 19:03:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.91 Mbit/s

95th percentile per-packet one-way delay: 15.570 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 2.73 Mbit/s

95th percentile per-packet one-way delay: 15.510 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 1.56 Mbit/s

95th percentile per-packet one-way delay: 15.593 ms

Loss rate: 0.02%

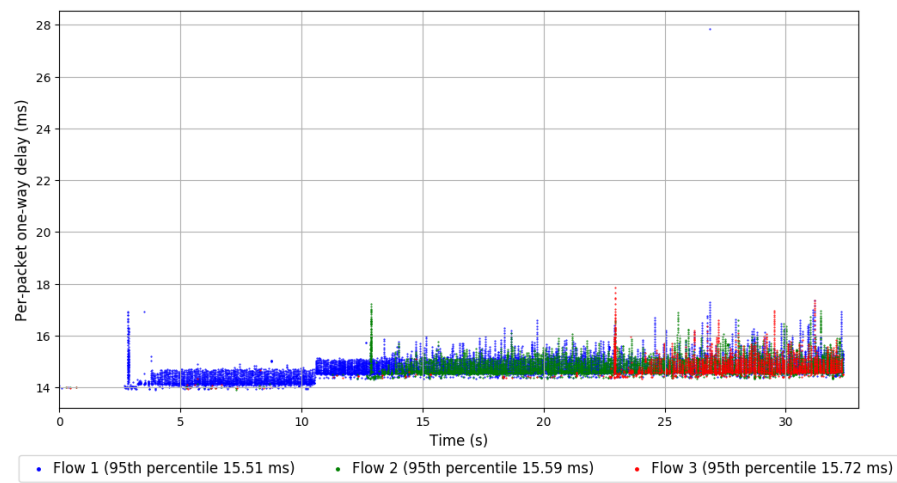
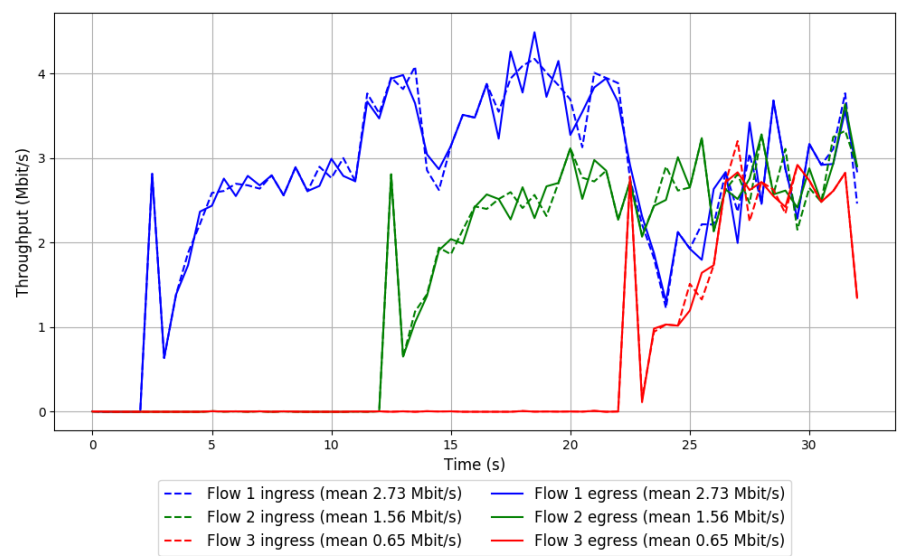
-- Flow 3:

Average throughput: 0.65 Mbit/s

95th percentile per-packet one-way delay: 15.722 ms

Loss rate: 0.01%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-03-06 12:59:14

End at: 2018-03-06 12:59:44

Local clock offset: 1.426 ms

Remote clock offset: 3.067 ms

Below is generated by plot.py at 2018-03-06 19:03:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.45 Mbit/s

95th percentile per-packet one-way delay: 13.112 ms

Loss rate: 0.22%

-- Flow 1:

Average throughput: 2.33 Mbit/s

95th percentile per-packet one-way delay: 13.048 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.47 Mbit/s

95th percentile per-packet one-way delay: 13.085 ms

Loss rate: 0.67%

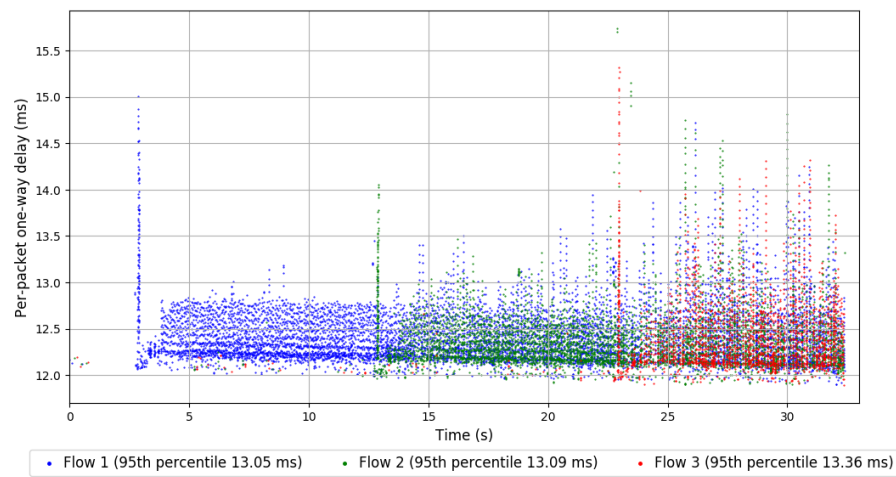
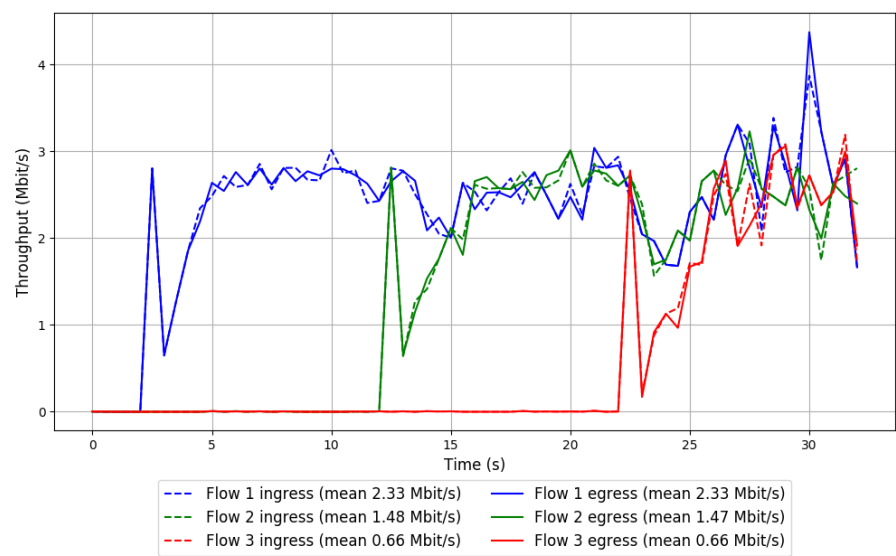
-- Flow 3:

Average throughput: 0.66 Mbit/s

95th percentile per-packet one-way delay: 13.360 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

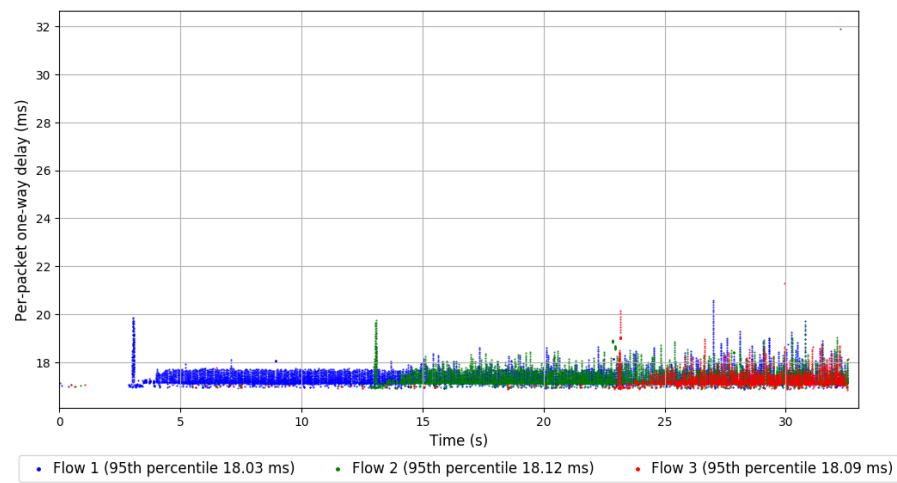
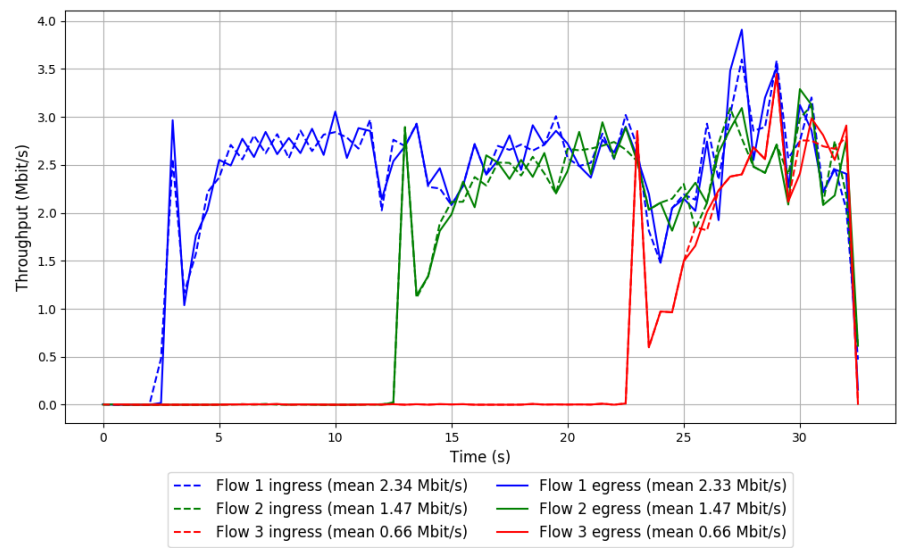


Run 5: Statistics of WebRTC media

Start at: 2018-03-06 13:20:24
End at: 2018-03-06 13:20:54
Local clock offset: 4.626 ms
Remote clock offset: -0.552 ms

Below is generated by plot.py at 2018-03-06 19:03:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.43 Mbit/s
95th percentile per-packet one-way delay: 18.073 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 18.028 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 18.122 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 18.090 ms
Loss rate: 0.05%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-03-06 13:41:52

End at: 2018-03-06 13:42:22

Local clock offset: 5.671 ms

Remote clock offset: 0.107 ms

Below is generated by plot.py at 2018-03-06 19:03:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.49 Mbit/s

95th percentile per-packet one-way delay: 18.281 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.36 Mbit/s

95th percentile per-packet one-way delay: 18.222 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.48 Mbit/s

95th percentile per-packet one-way delay: 18.320 ms

Loss rate: 0.00%

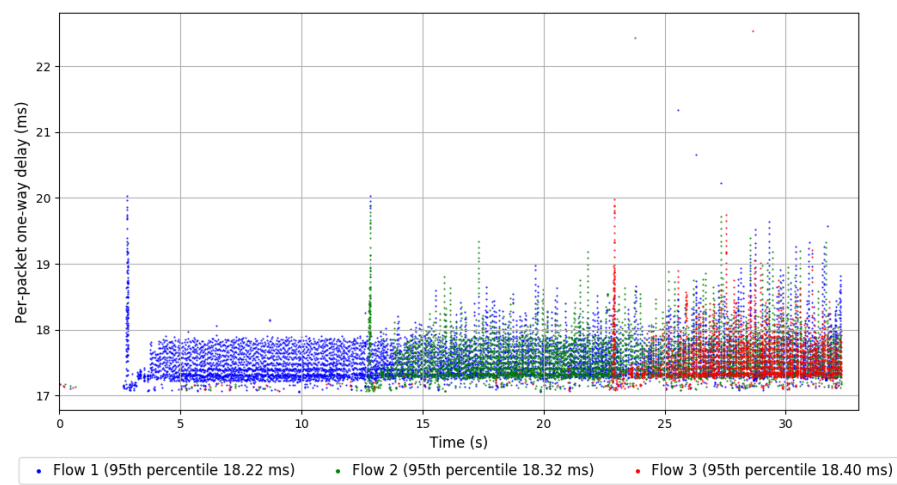
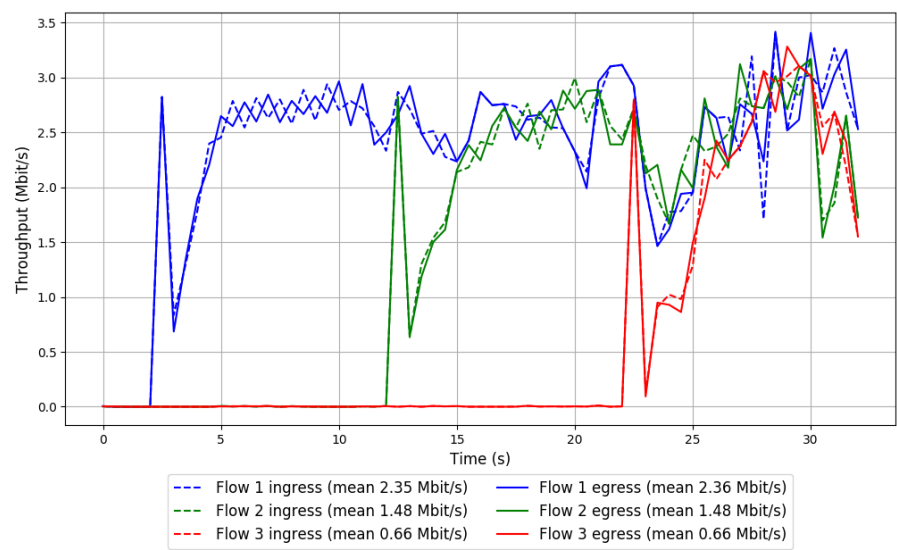
-- Flow 3:

Average throughput: 0.66 Mbit/s

95th percentile per-packet one-way delay: 18.404 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

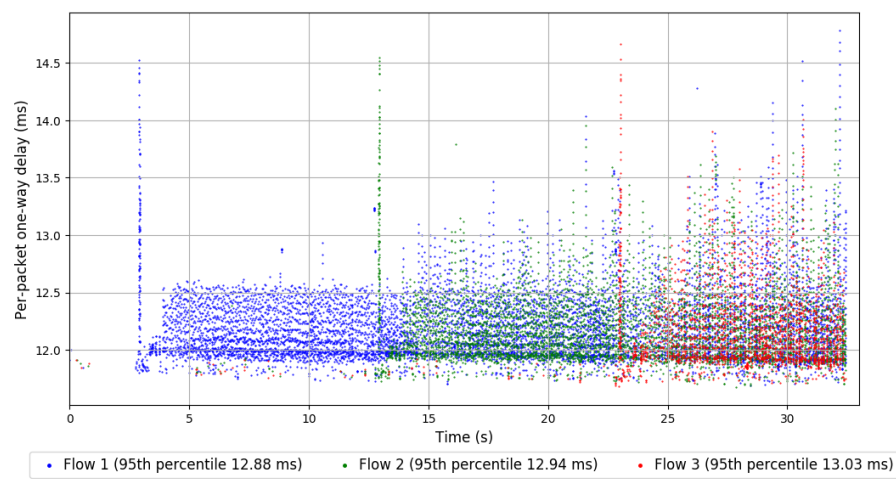
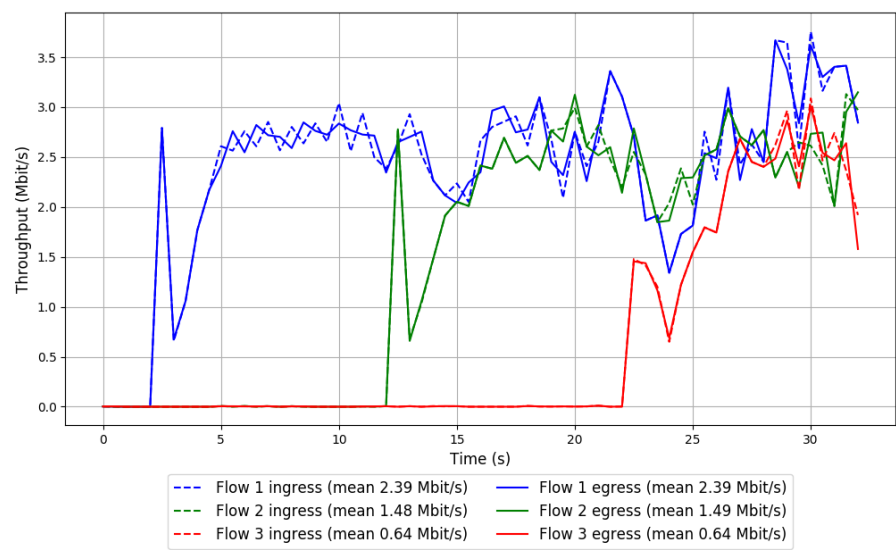


Run 7: Statistics of WebRTC media

Start at: 2018-03-06 14:03:16
End at: 2018-03-06 14:03:46
Local clock offset: 3.453 ms
Remote clock offset: -0.506 ms

Below is generated by plot.py at 2018-03-06 19:03:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.49 Mbit/s
95th percentile per-packet one-way delay: 12.920 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.39 Mbit/s
95th percentile per-packet one-way delay: 12.875 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 12.939 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 13.027 ms
Loss rate: 0.82%

Run 7: Report of WebRTC media — Data Link

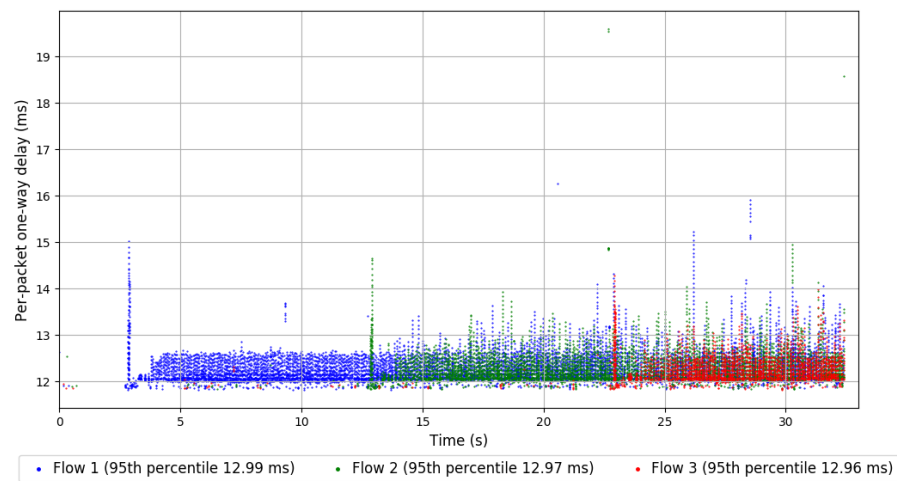
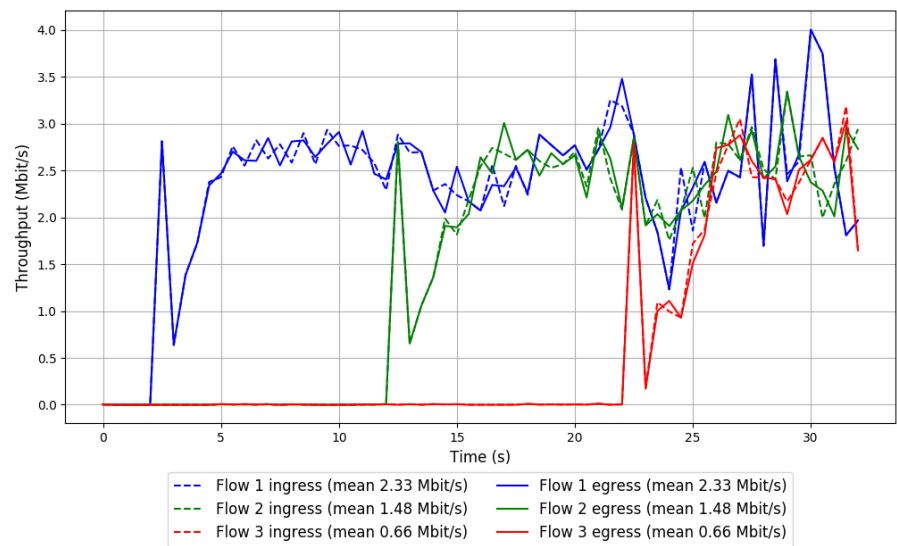


Run 8: Statistics of WebRTC media

Start at: 2018-03-06 14:24:49
End at: 2018-03-06 14:25:19
Local clock offset: 3.719 ms
Remote clock offset: -2.274 ms

Below is generated by plot.py at 2018-03-06 19:03:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.45 Mbit/s
95th percentile per-packet one-way delay: 12.976 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 2.33 Mbit/s
95th percentile per-packet one-way delay: 12.988 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 12.972 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 0.66 Mbit/s
95th percentile per-packet one-way delay: 12.965 ms
Loss rate: 0.41%

Run 8: Report of WebRTC media — Data Link

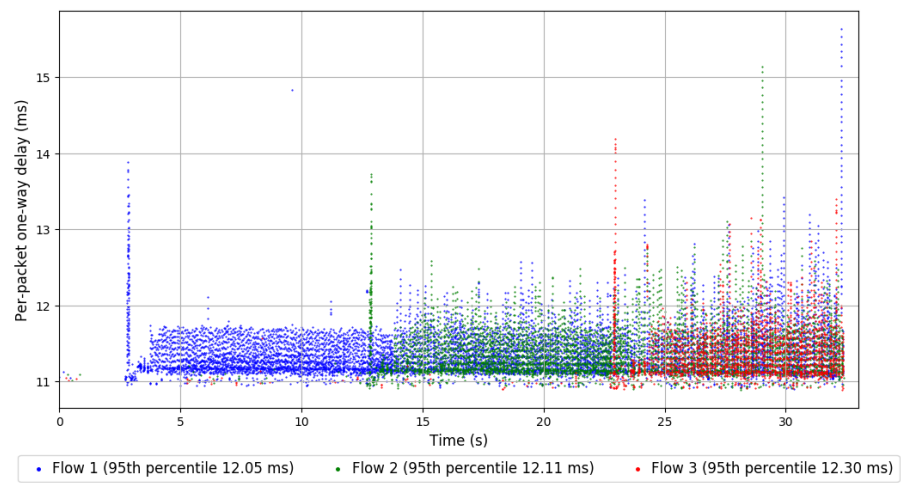
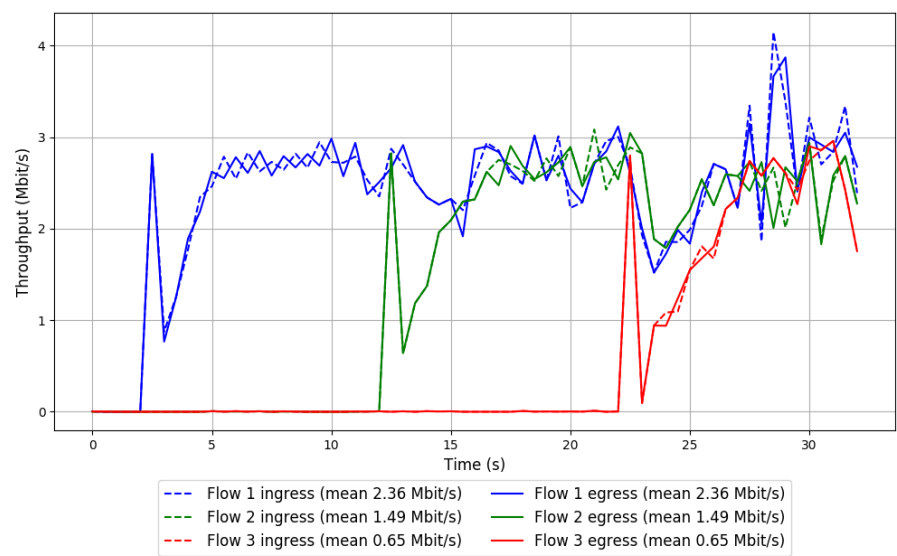


Run 9: Statistics of WebRTC media

Start at: 2018-03-06 14:46:05
End at: 2018-03-06 14:46:35
Local clock offset: 2.041 ms
Remote clock offset: -4.642 ms

Below is generated by plot.py at 2018-03-06 19:03:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 12.106 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 12.049 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 12.108 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 12.297 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link

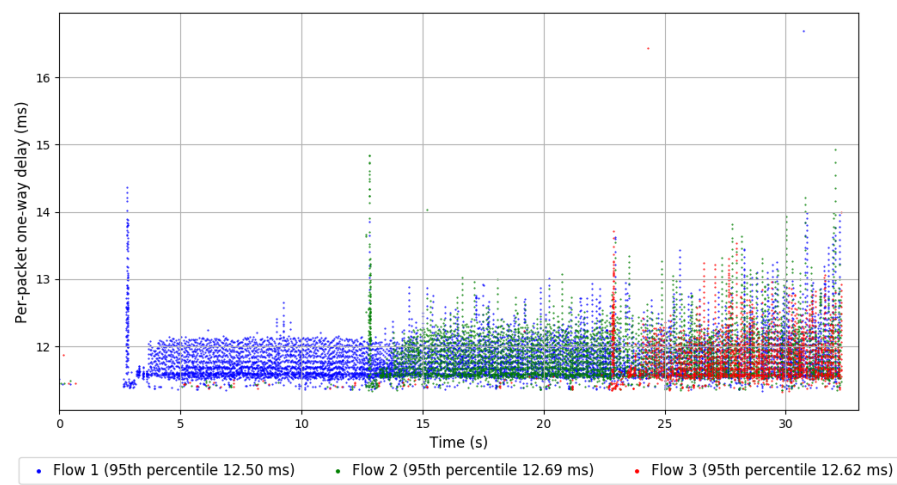
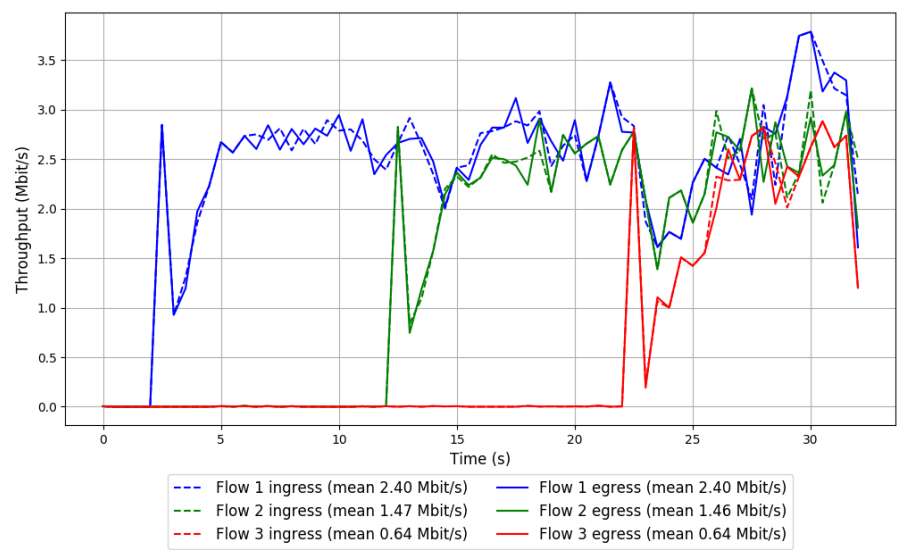


Run 10: Statistics of WebRTC media

Start at: 2018-03-06 15:07:17
End at: 2018-03-06 15:07:47
Local clock offset: 3.352 ms
Remote clock offset: -5.335 ms

Below is generated by plot.py at 2018-03-06 19:03:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.48 Mbit/s
95th percentile per-packet one-way delay: 12.589 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 12.503 ms
Loss rate: 0.34%
-- Flow 2:
Average throughput: 1.46 Mbit/s
95th percentile per-packet one-way delay: 12.690 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 0.64 Mbit/s
95th percentile per-packet one-way delay: 12.620 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link



Run 1: Statistics of Sprout

Start at: 2018-03-06 12:04:47

End at: 2018-03-06 12:05:17

Local clock offset: 0.104 ms

Remote clock offset: 3.437 ms

Below is generated by plot.py at 2018-03-06 19:04:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 48.34 Mbit/s

95th percentile per-packet one-way delay: 18.859 ms

Loss rate: 0.14%

-- Flow 1:

Average throughput: 24.24 Mbit/s

95th percentile per-packet one-way delay: 18.704 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 24.32 Mbit/s

95th percentile per-packet one-way delay: 19.041 ms

Loss rate: 0.20%

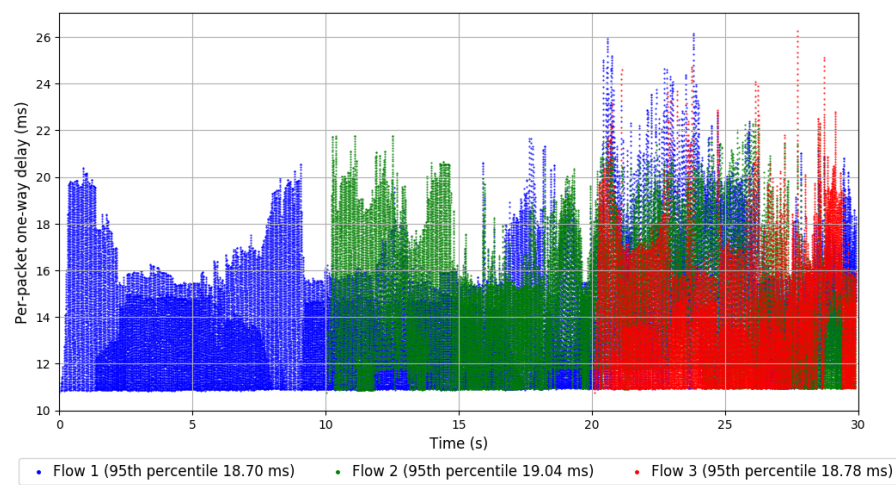
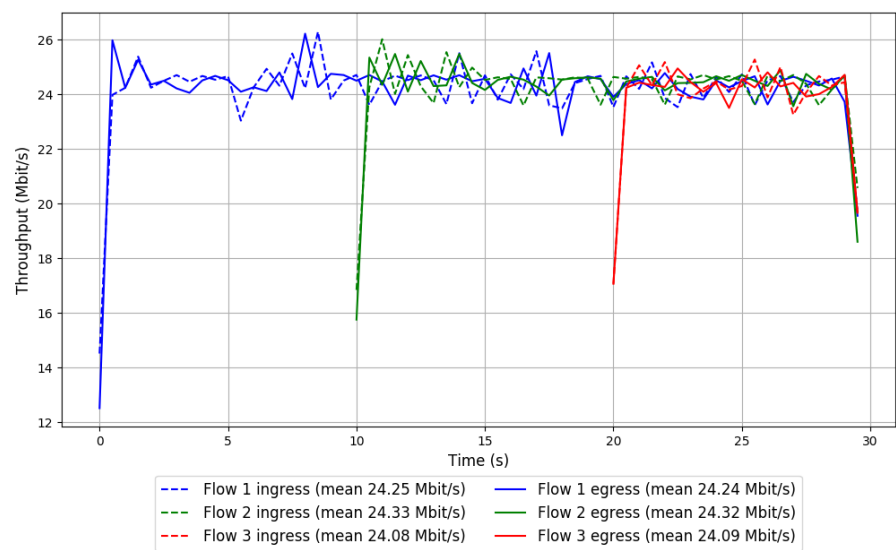
-- Flow 3:

Average throughput: 24.09 Mbit/s

95th percentile per-packet one-way delay: 18.778 ms

Loss rate: 0.18%

Run 1: Report of Sprout — Data Link

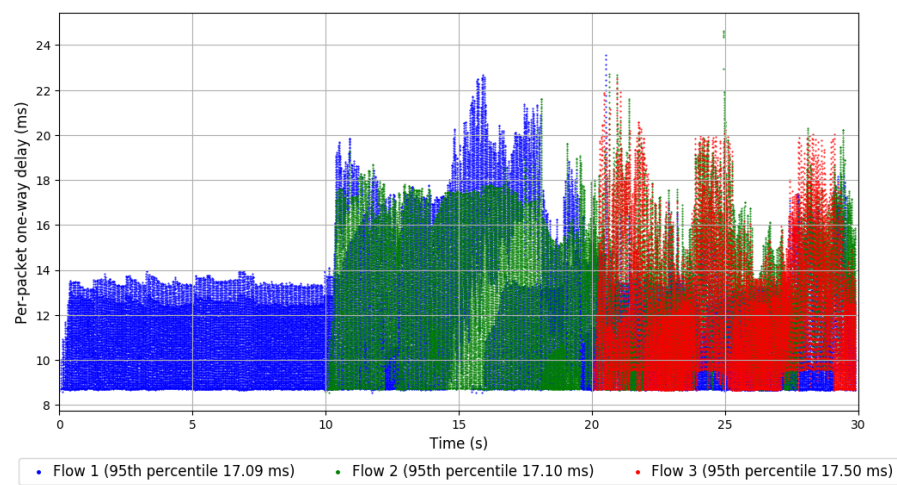
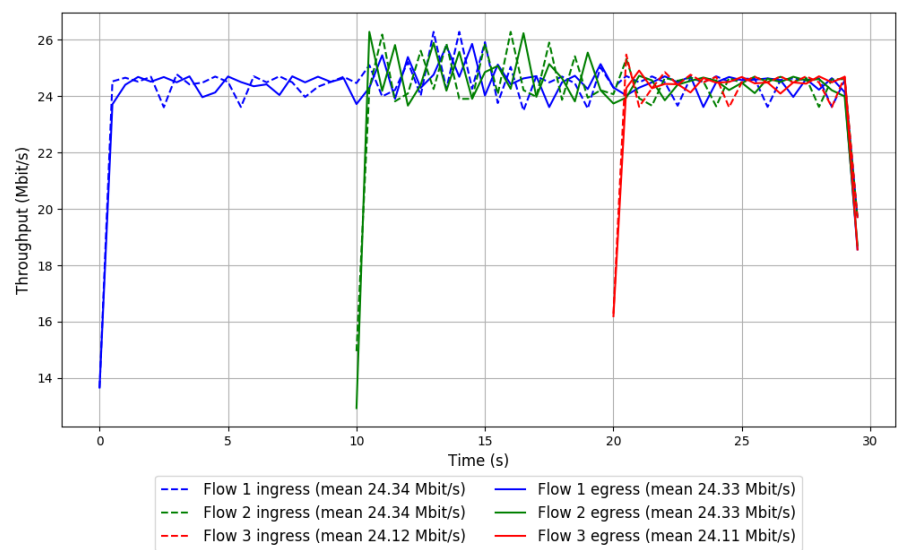


Run 2: Statistics of Sprout

Start at: 2018-03-06 12:26:03
End at: 2018-03-06 12:26:33
Local clock offset: -0.507 ms
Remote clock offset: 5.972 ms

Below is generated by plot.py at 2018-03-06 19:04:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.47 Mbit/s
95th percentile per-packet one-way delay: 17.159 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 24.33 Mbit/s
95th percentile per-packet one-way delay: 17.094 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 24.33 Mbit/s
95th percentile per-packet one-way delay: 17.101 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.11 Mbit/s
95th percentile per-packet one-way delay: 17.499 ms
Loss rate: 0.23%

Run 2: Report of Sprout — Data Link

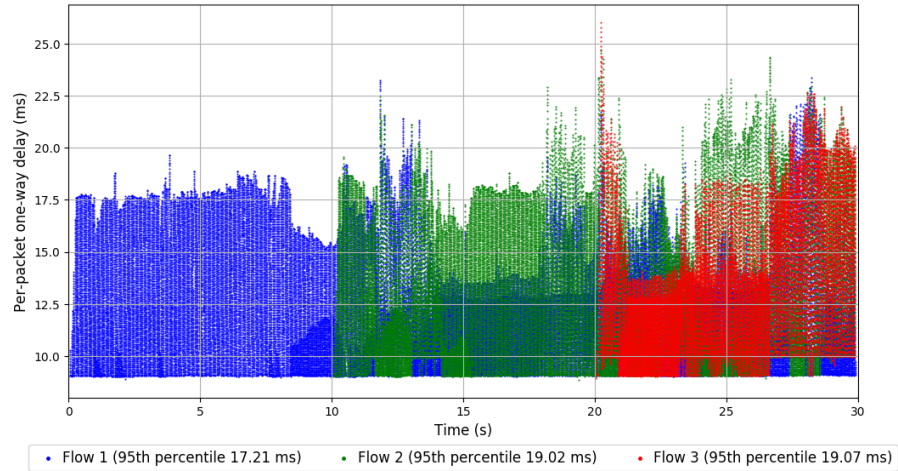
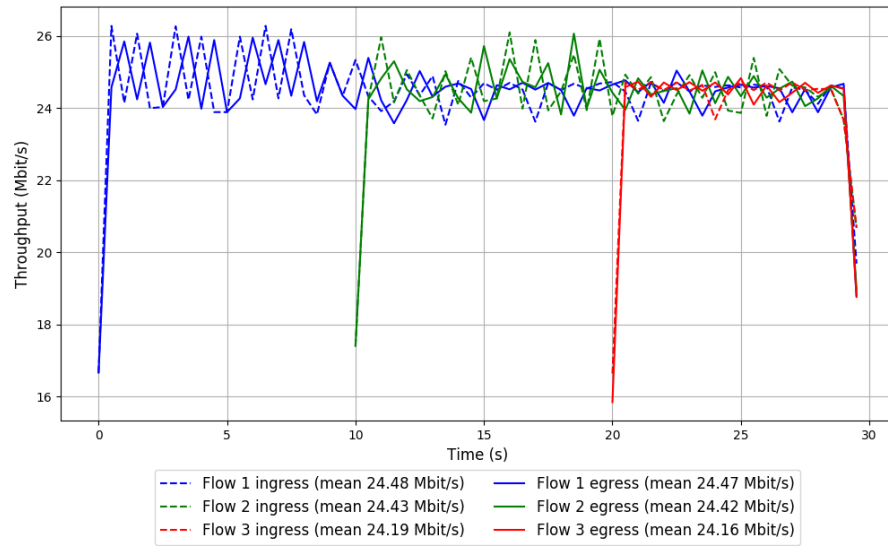


Run 3: Statistics of Sprout

Start at: 2018-03-06 12:47:23
End at: 2018-03-06 12:47:53
Local clock offset: -1.259 ms
Remote clock offset: 7.488 ms

```
# Below is generated by plot.py at 2018-03-06 19:04:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.67 Mbit/s
95th percentile per-packet one-way delay: 18.185 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 24.47 Mbit/s
95th percentile per-packet one-way delay: 17.209 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 24.42 Mbit/s
95th percentile per-packet one-way delay: 19.019 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.16 Mbit/s
95th percentile per-packet one-way delay: 19.072 ms
Loss rate: 0.41%
```


Run 3: Report of Sprout — Data Link



Run 4: Statistics of Sprout

Start at: 2018-03-06 13:08:39

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

Local clock offset: 2.271 ms

Remote clock offset: 0.722 ms

Below is generated by plot.py at 2018-03-06 19:04:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 48.60 Mbit/s

95th percentile per-packet one-way delay: 19.657 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 24.27 Mbit/s

95th percentile per-packet one-way delay: 17.235 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 24.53 Mbit/s

95th percentile per-packet one-way delay: 20.411 ms

Loss rate: 0.07%

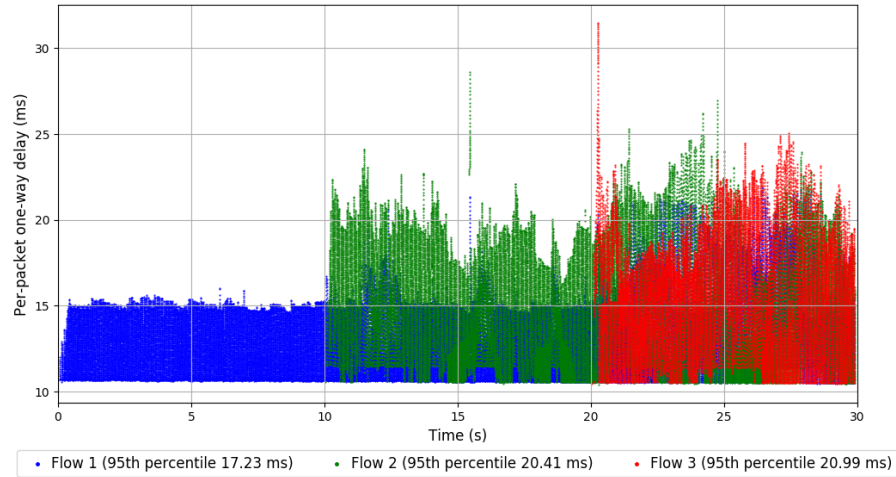
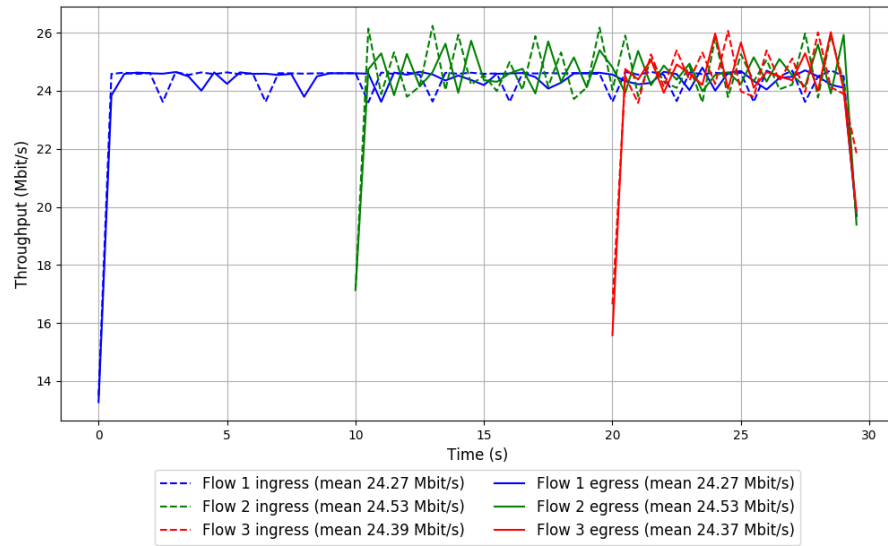
-- Flow 3:

Average throughput: 24.37 Mbit/s

95th percentile per-packet one-way delay: 20.993 ms

Loss rate: 0.41%

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

Start at: 2018-03-06 13:29:59

End at: 2018-03-06 13:30:29

Local clock offset: 2.501 ms

Remote clock offset: -0.7 ms

Below is generated by plot.py at 2018-03-06 19:04:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 47.09 Mbit/s

95th percentile per-packet one-way delay: 23.275 ms

Loss rate: 0.21%

-- Flow 1:

Average throughput: 23.78 Mbit/s

95th percentile per-packet one-way delay: 22.999 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 23.82 Mbit/s

95th percentile per-packet one-way delay: 22.026 ms

Loss rate: 0.22%

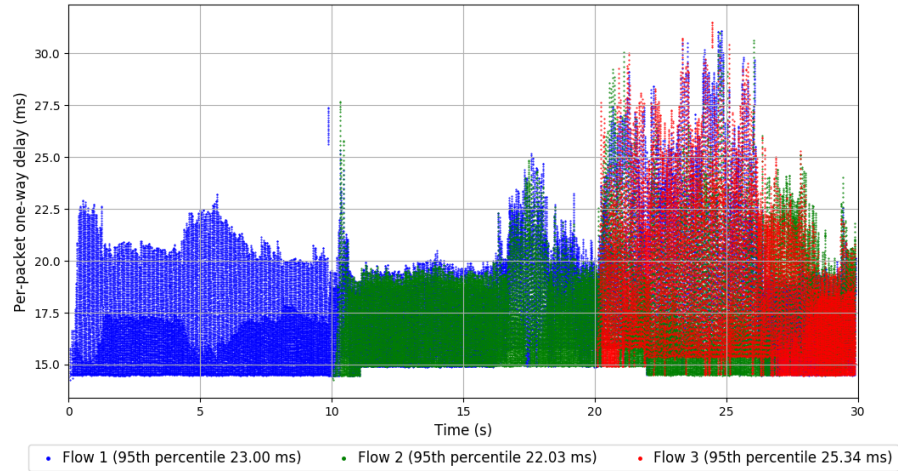
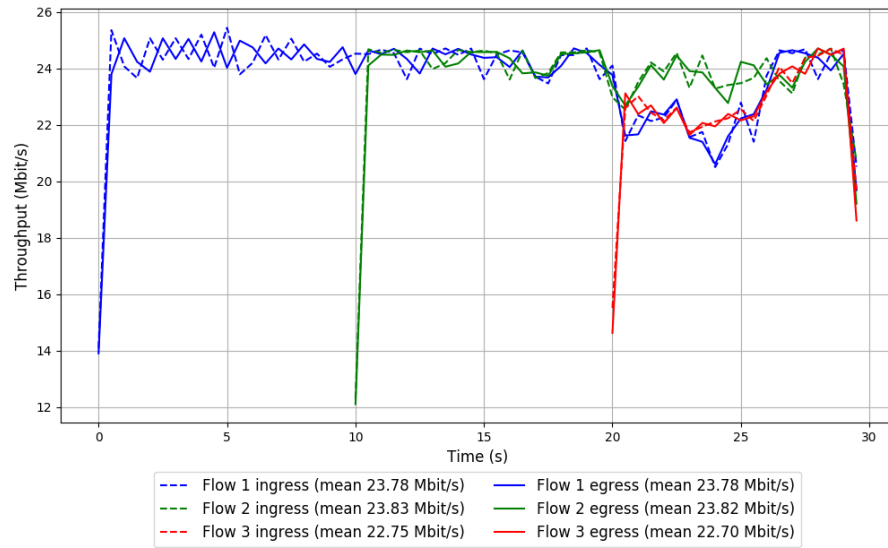
-- Flow 3:

Average throughput: 22.70 Mbit/s

95th percentile per-packet one-way delay: 25.337 ms

Loss rate: 0.43%

Run 5: Report of Sprout — Data Link



Run 6: Statistics of Sprout

Start at: 2018-03-06 13:51:26

End at: 2018-03-06 13:51:56

Local clock offset: 2.767 ms

Remote clock offset: 0.807 ms

Below is generated by plot.py at 2018-03-06 19:04:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 48.63 Mbit/s

95th percentile per-packet one-way delay: 19.858 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 24.51 Mbit/s

95th percentile per-packet one-way delay: 19.404 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 24.33 Mbit/s

95th percentile per-packet one-way delay: 20.261 ms

Loss rate: 0.12%

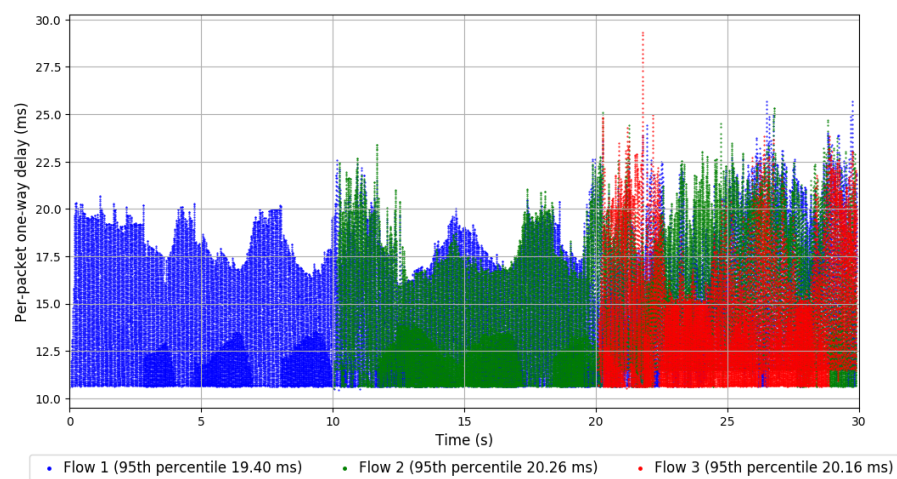
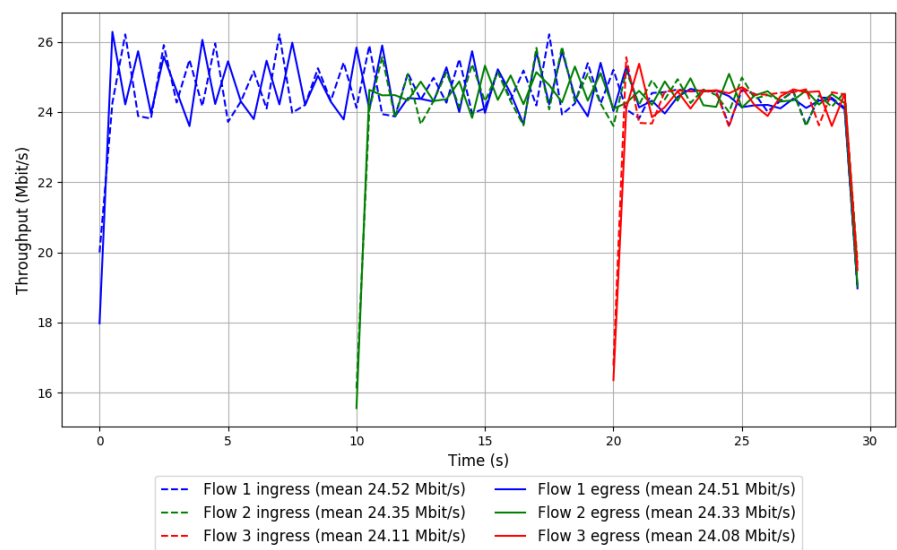
-- Flow 3:

Average throughput: 24.08 Mbit/s

95th percentile per-packet one-way delay: 20.158 ms

Loss rate: 0.22%

Run 6: Report of Sprout — Data Link

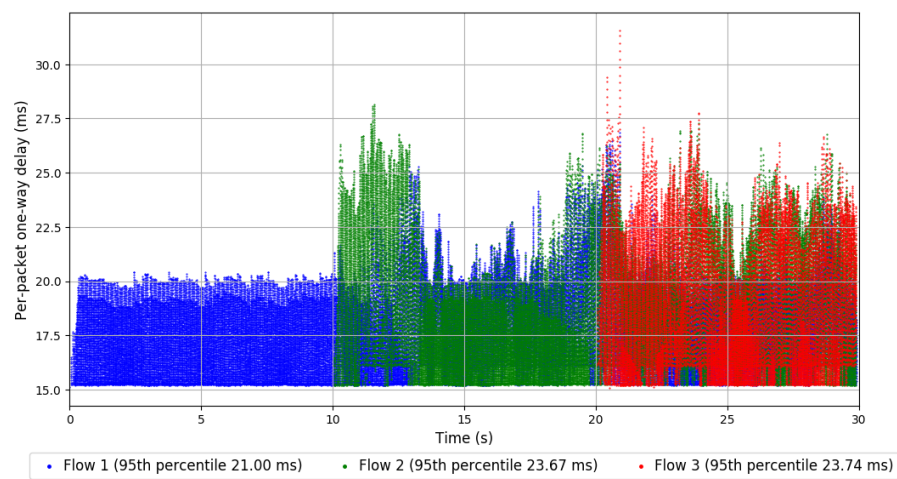
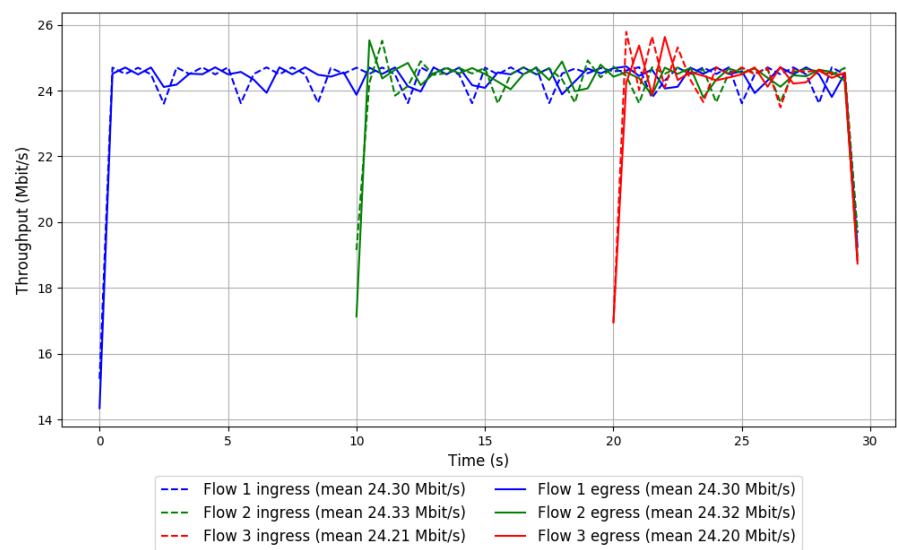


Run 7: Statistics of Sprout

Start at: 2018-03-06 14:12:56
End at: 2018-03-06 14:13:26
Local clock offset: 6.307 ms
Remote clock offset: -1.483 ms

Below is generated by plot.py at 2018-03-06 19:04:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.45 Mbit/s
95th percentile per-packet one-way delay: 22.946 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 24.30 Mbit/s
95th percentile per-packet one-way delay: 21.003 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 24.32 Mbit/s
95th percentile per-packet one-way delay: 23.669 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.20 Mbit/s
95th percentile per-packet one-way delay: 23.743 ms
Loss rate: 0.23%

Run 7: Report of Sprout — Data Link

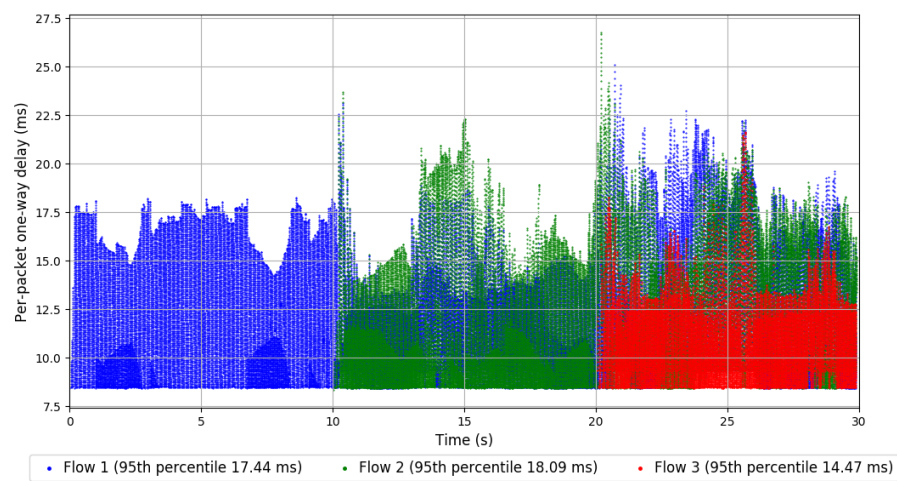
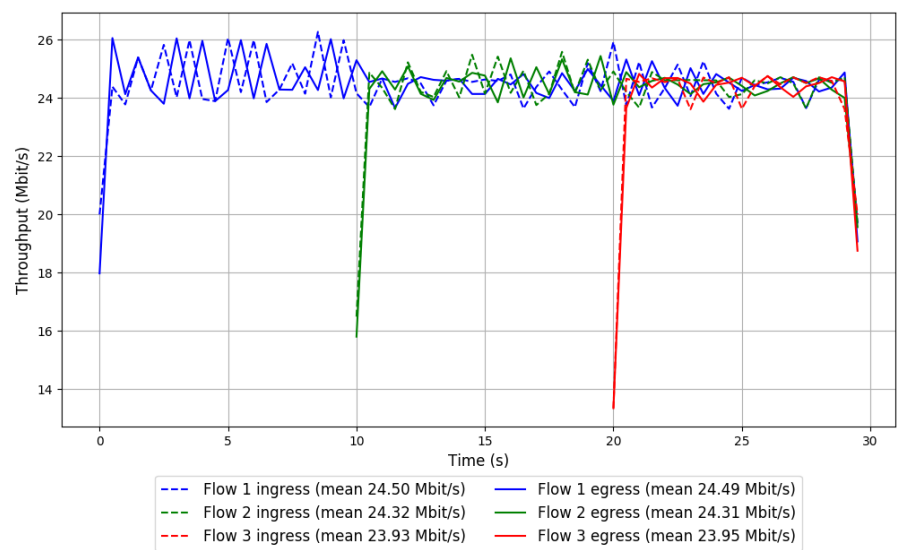


Run 8: Statistics of Sprout

Start at: 2018-03-06 14:34:22
End at: 2018-03-06 14:34:52
Local clock offset: 0.661 ms
Remote clock offset: -1.831 ms

```
# Below is generated by plot.py at 2018-03-06 19:04:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 48.55 Mbit/s
95th percentile per-packet one-way delay: 17.444 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 24.49 Mbit/s
95th percentile per-packet one-way delay: 17.443 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 24.31 Mbit/s
95th percentile per-packet one-way delay: 18.087 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 23.95 Mbit/s
95th percentile per-packet one-way delay: 14.468 ms
Loss rate: 0.26%
```

Run 8: Report of Sprout — Data Link

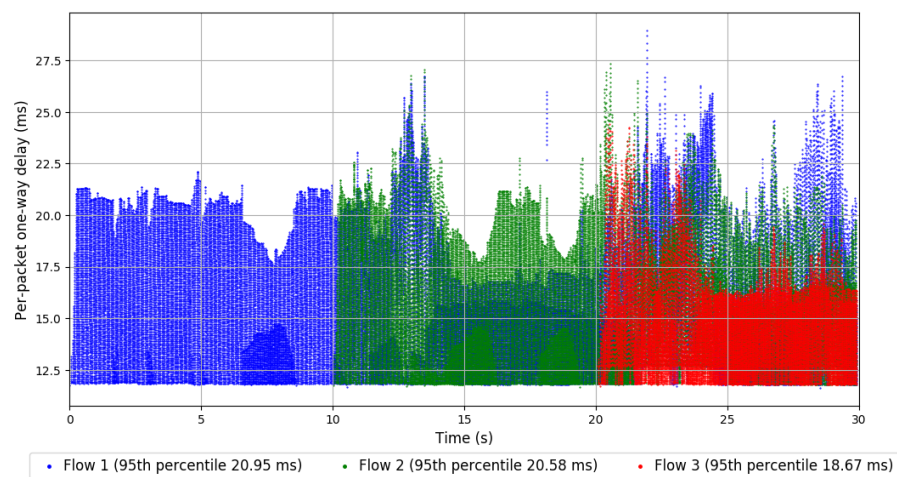
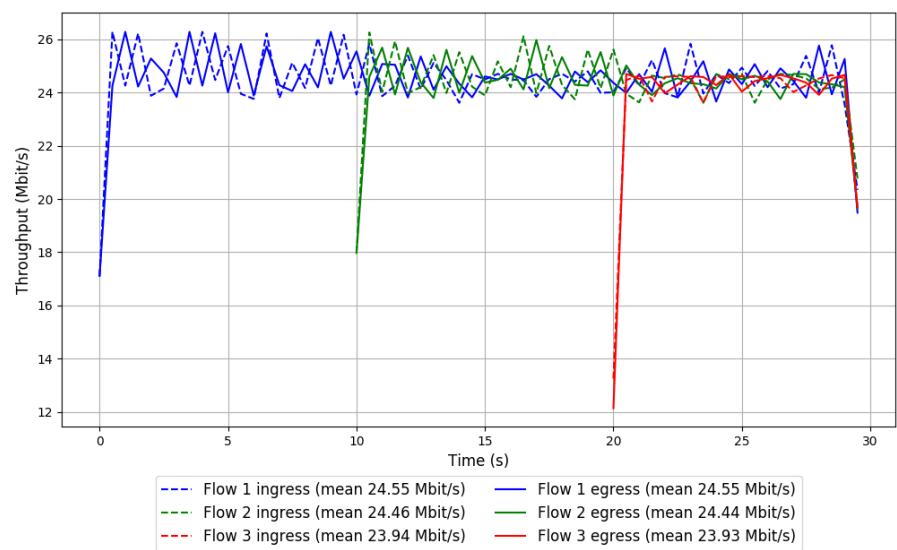


Run 9: Statistics of Sprout

Start at: 2018-03-06 14:55:37
End at: 2018-03-06 14:56:07
Local clock offset: 3.066 ms
Remote clock offset: -5.2 ms

Below is generated by plot.py at 2018-03-06 19:05:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 48.69 Mbit/s
95th percentile per-packet one-way delay: 20.647 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 24.55 Mbit/s
95th percentile per-packet one-way delay: 20.954 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 20.582 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 23.93 Mbit/s
95th percentile per-packet one-way delay: 18.666 ms
Loss rate: 0.19%

Run 9: Report of Sprout — Data Link



Run 10: Statistics of Sprout

Start at: 2018-03-06 15:16:44

End at: 2018-03-06 15:17:14

Local clock offset: 6.224 ms

Remote clock offset: 1.732 ms

Below is generated by plot.py at 2018-03-06 19:05:04

Datalink statistics

-- Total of 3 flows:

Average throughput: 49.02 Mbit/s

95th percentile per-packet one-way delay: 24.094 ms

Loss rate: 0.15%

-- Flow 1:

Average throughput: 24.73 Mbit/s

95th percentile per-packet one-way delay: 23.369 ms

Loss rate: 0.14%

-- Flow 2:

Average throughput: 24.56 Mbit/s

95th percentile per-packet one-way delay: 25.011 ms

Loss rate: 0.03%

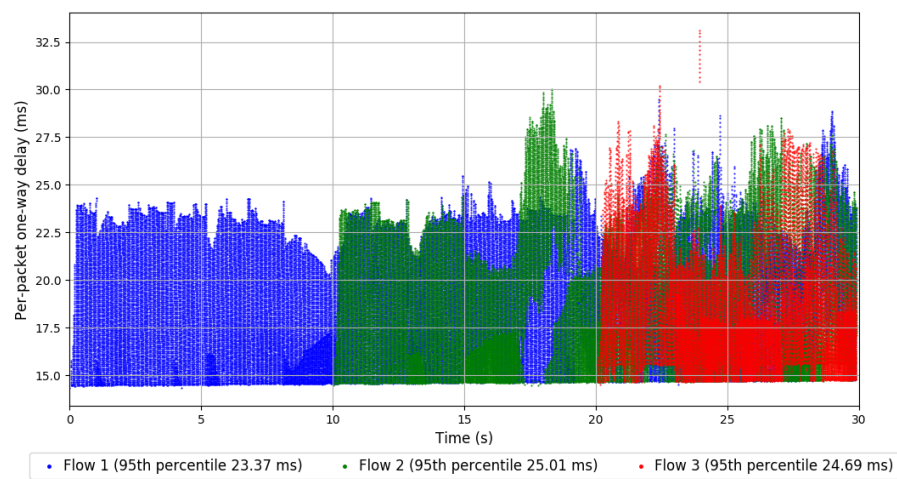
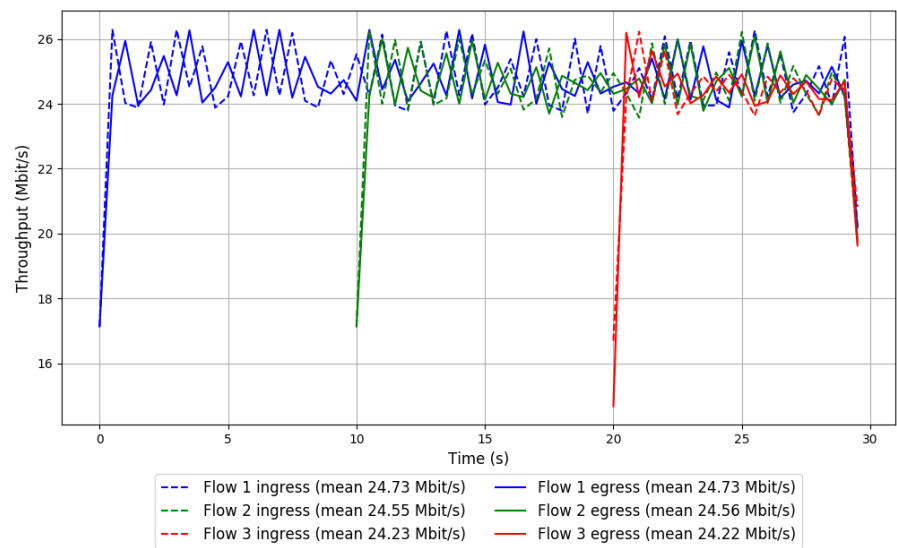
-- Flow 3:

Average throughput: 24.22 Mbit/s

95th percentile per-packet one-way delay: 24.689 ms

Loss rate: 0.41%

Run 10: Report of Sprout — Data Link

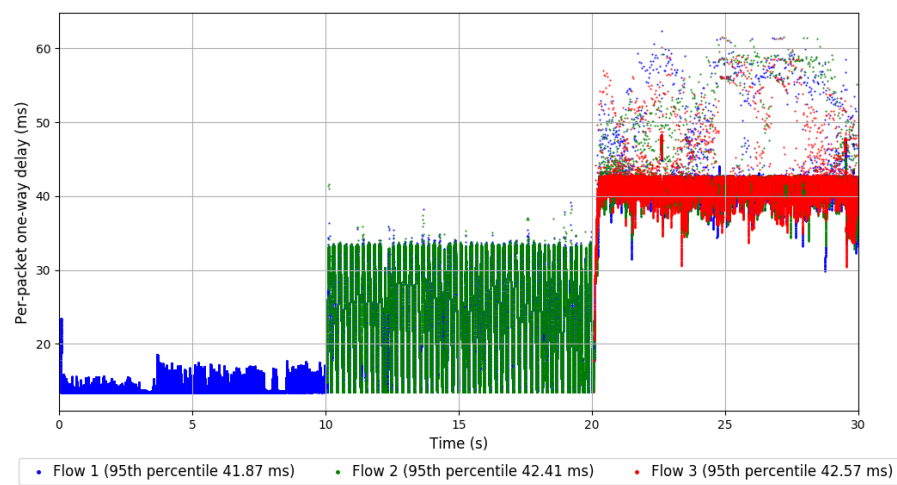
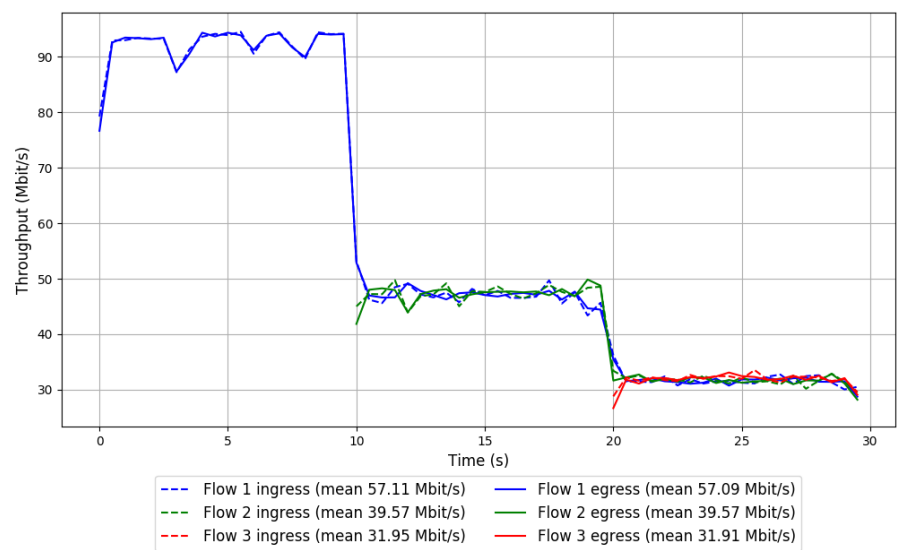


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-03-06 12:01:12
End at: 2018-03-06 12:01:42
Local clock offset: 2.98 ms
Remote clock offset: 2.616 ms

# Below is generated by plot.py at 2018-03-06 19:06:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.99 Mbit/s
95th percentile per-packet one-way delay: 42.316 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.09 Mbit/s
95th percentile per-packet one-way delay: 41.865 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 39.57 Mbit/s
95th percentile per-packet one-way delay: 42.409 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 31.91 Mbit/s
95th percentile per-packet one-way delay: 42.572 ms
Loss rate: 0.49%
```


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

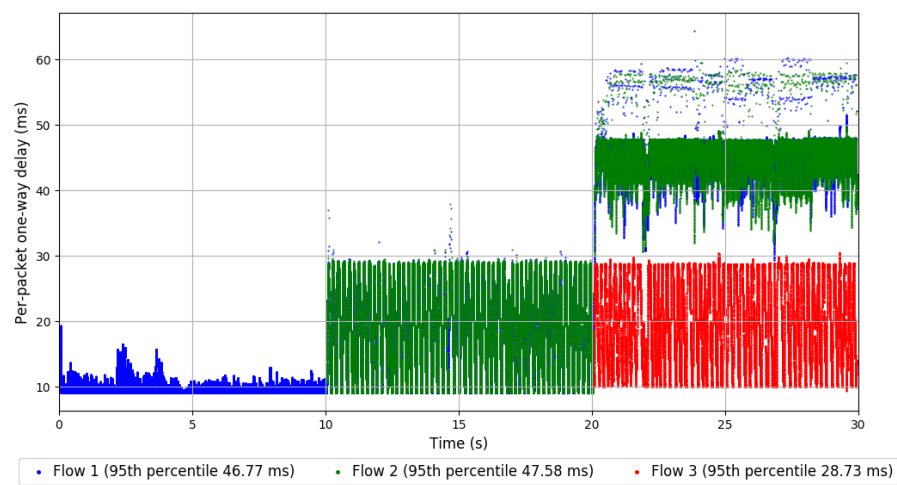
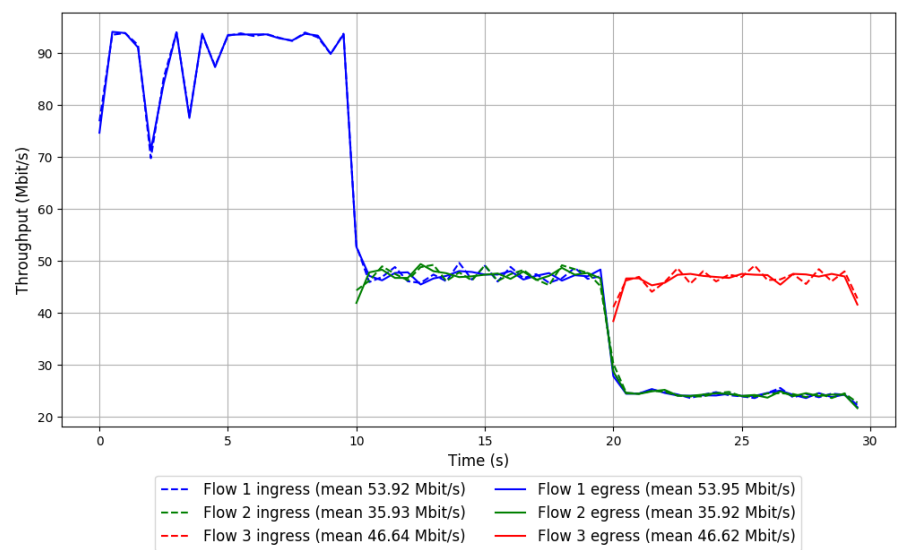


```
Run 2: Statistics of TaoVA-100x

Start at: 2018-03-06 12:22:21
End at: 2018-03-06 12:22:51
Local clock offset: -0.81 ms
Remote clock offset: 5.21 ms

# Below is generated by plot.py at 2018-03-06 19:06:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.29 Mbit/s
95th percentile per-packet one-way delay: 47.116 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 53.95 Mbit/s
95th percentile per-packet one-way delay: 46.768 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 35.92 Mbit/s
95th percentile per-packet one-way delay: 47.577 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 46.62 Mbit/s
95th percentile per-packet one-way delay: 28.728 ms
Loss rate: 0.33%
```

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-03-06 12:43:42

End at: 2018-03-06 12:44:12

Local clock offset: -1.287 ms

Remote clock offset: 7.348 ms

Below is generated by plot.py at 2018-03-06 19:06:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.56 Mbit/s

95th percentile per-packet one-way delay: 37.812 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 57.62 Mbit/s

95th percentile per-packet one-way delay: 37.768 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 39.66 Mbit/s

95th percentile per-packet one-way delay: 37.853 ms

Loss rate: 0.21%

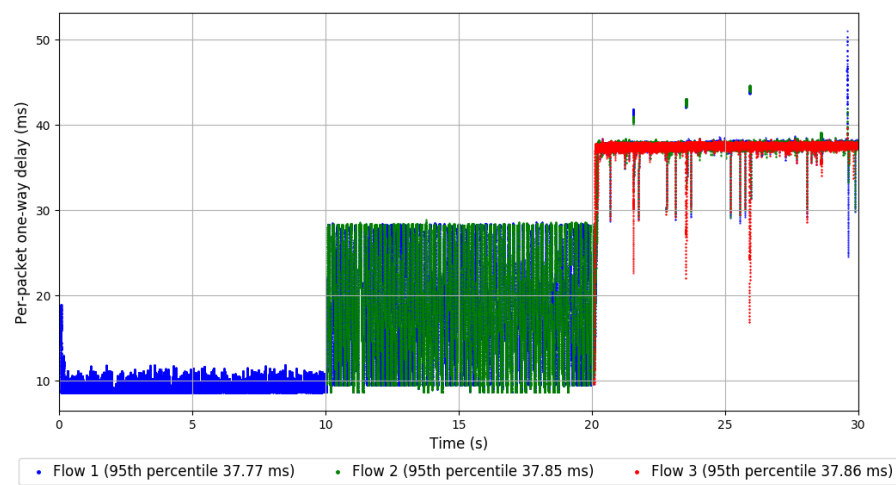
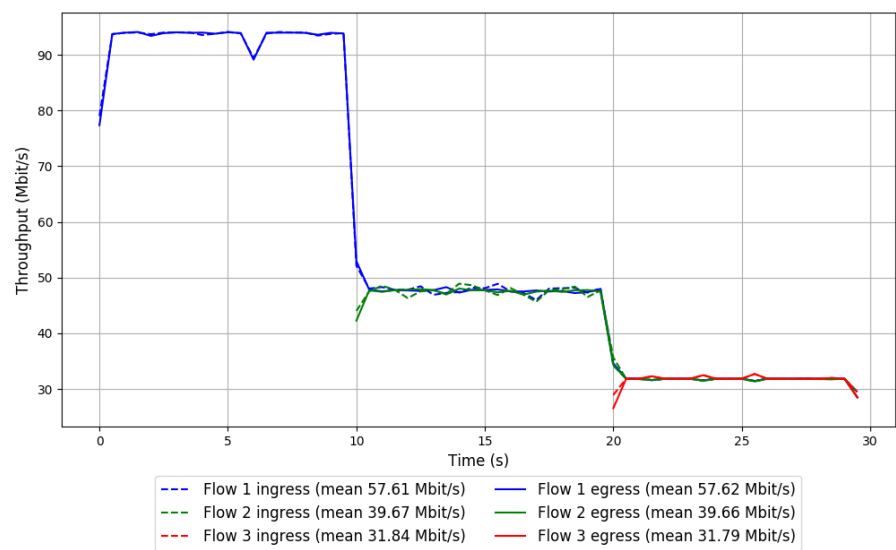
-- Flow 3:

Average throughput: 31.79 Mbit/s

95th percentile per-packet one-way delay: 37.857 ms

Loss rate: 0.53%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-03-06 13:05:04

End at: 2018-03-06 13:05:34

Local clock offset: 2.043 ms

Remote clock offset: 1.364 ms

Below is generated by plot.py at 2018-03-06 19:06:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.17 Mbit/s

95th percentile per-packet one-way delay: 39.693 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 57.07 Mbit/s

95th percentile per-packet one-way delay: 39.098 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 39.90 Mbit/s

95th percentile per-packet one-way delay: 39.782 ms

Loss rate: 0.21%

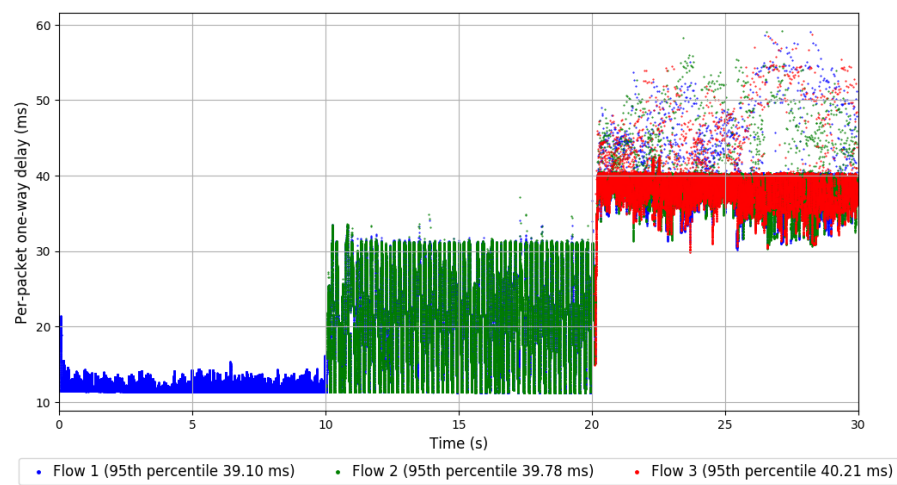
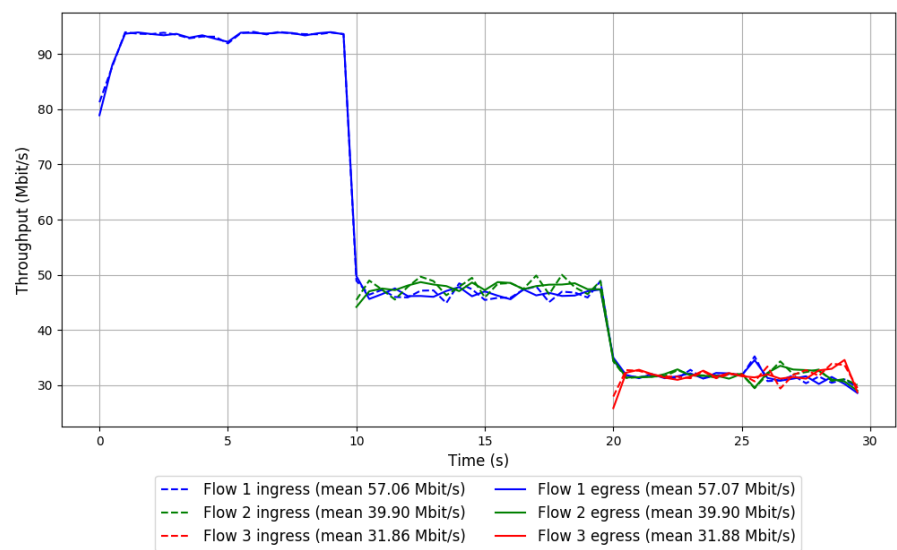
-- Flow 3:

Average throughput: 31.88 Mbit/s

95th percentile per-packet one-way delay: 40.207 ms

Loss rate: 0.49%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-03-06 13:26:19

End at: 2018-03-06 13:26:49

Local clock offset: 5.81 ms

Remote clock offset: 0.298 ms

Below is generated by plot.py at 2018-03-06 19:06:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.31 Mbit/s

95th percentile per-packet one-way delay: 45.703 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 56.56 Mbit/s

95th percentile per-packet one-way delay: 45.653 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 39.56 Mbit/s

95th percentile per-packet one-way delay: 45.712 ms

Loss rate: 0.23%

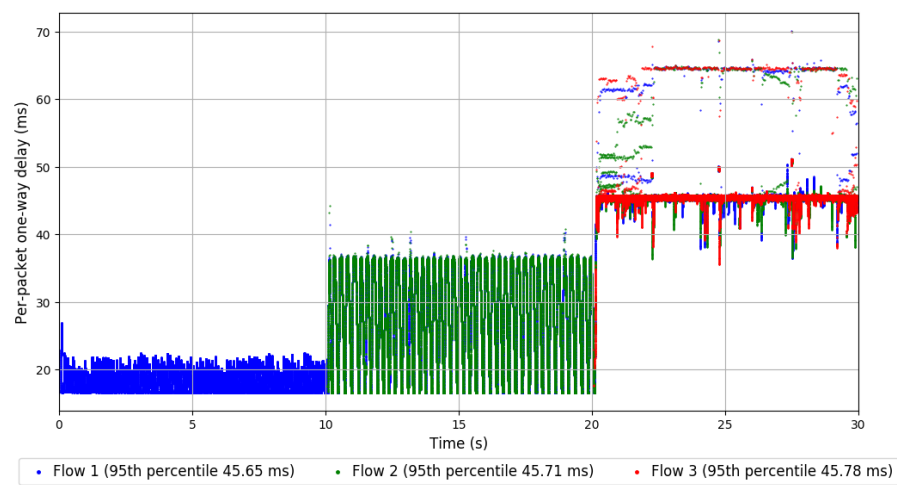
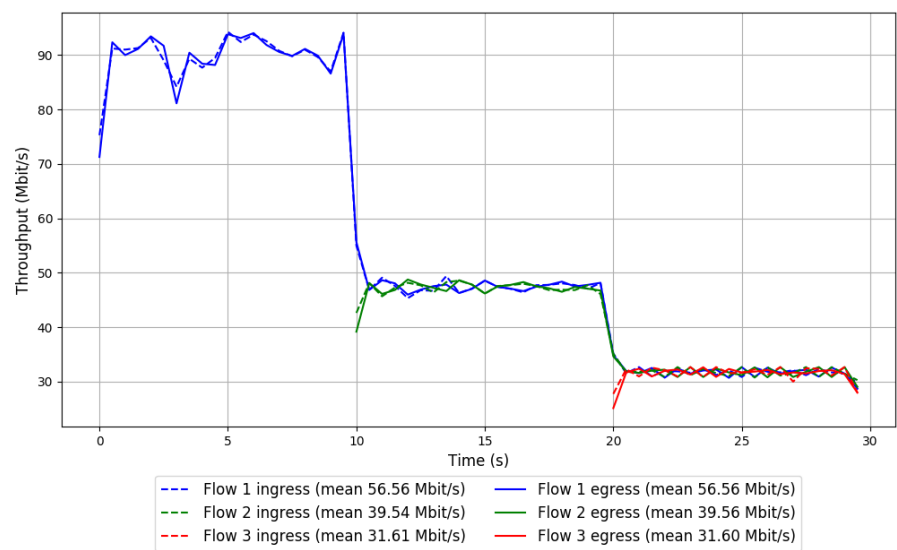
-- Flow 3:

Average throughput: 31.60 Mbit/s

95th percentile per-packet one-way delay: 45.783 ms

Loss rate: 0.58%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-03-06 13:47:51

End at: 2018-03-06 13:48:21

Local clock offset: 3.359 ms

Remote clock offset: 0.02 ms

Below is generated by plot.py at 2018-03-06 19:07:00

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.99 Mbit/s

95th percentile per-packet one-way delay: 49.020 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 54.59 Mbit/s

95th percentile per-packet one-way delay: 48.629 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 35.99 Mbit/s

95th percentile per-packet one-way delay: 50.040 ms

Loss rate: 0.18%

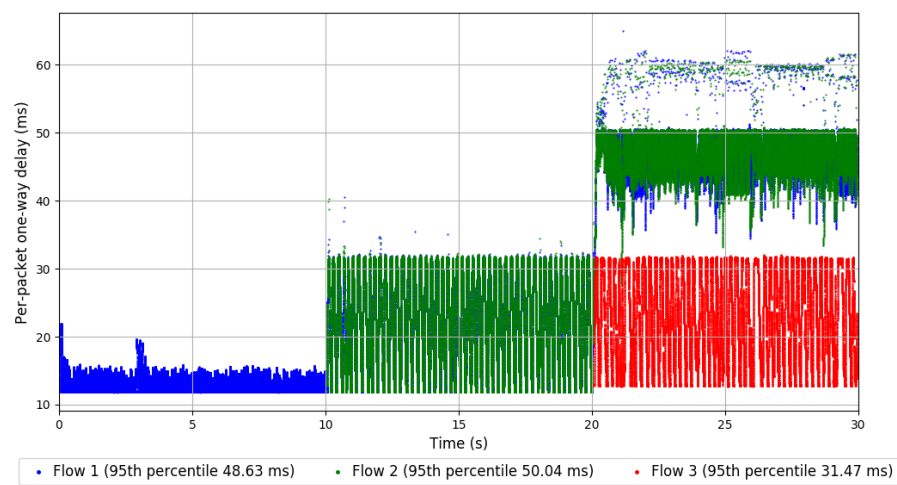
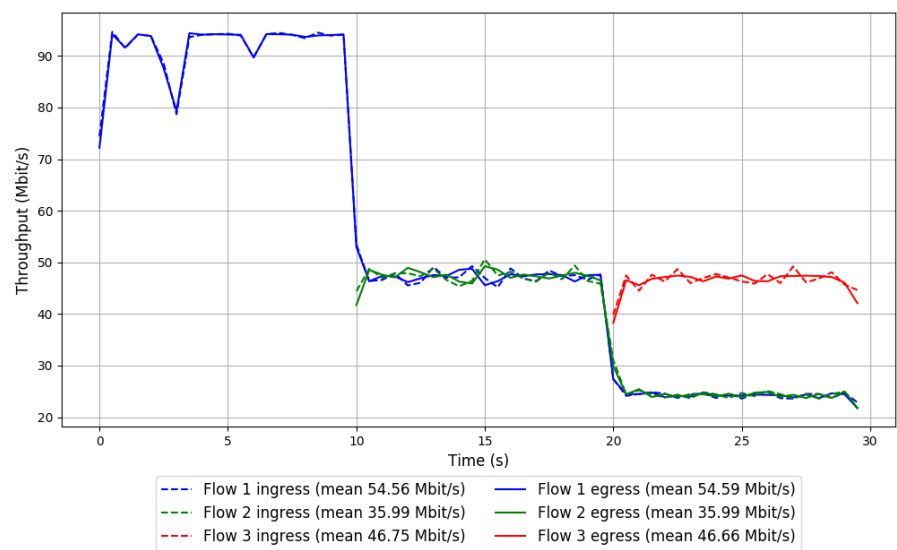
-- Flow 3:

Average throughput: 46.66 Mbit/s

95th percentile per-packet one-way delay: 31.470 ms

Loss rate: 0.47%

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

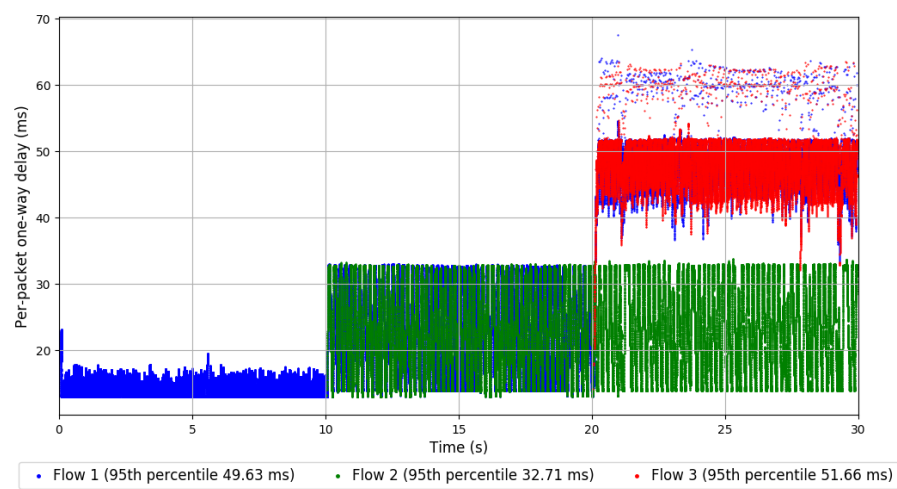
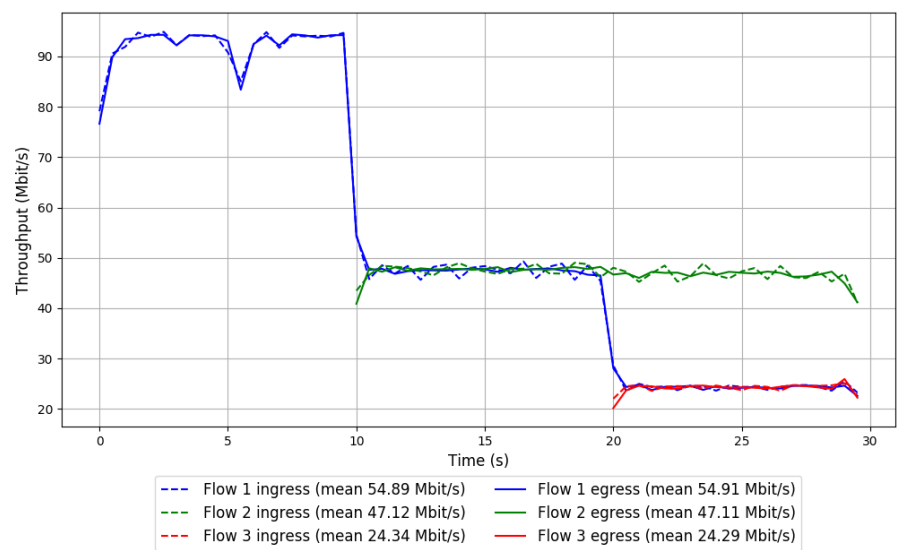


Run 7: Statistics of TaoVA-100x

Start at: 2018-03-06 14:09:14
End at: 2018-03-06 14:09:44
Local clock offset: 3.518 ms
Remote clock offset: -2.542 ms

Below is generated by plot.py at 2018-03-06 19:07:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.31 Mbit/s
95th percentile per-packet one-way delay: 50.006 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 54.91 Mbit/s
95th percentile per-packet one-way delay: 49.628 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 47.11 Mbit/s
95th percentile per-packet one-way delay: 32.714 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 24.29 Mbit/s
95th percentile per-packet one-way delay: 51.663 ms
Loss rate: 0.55%

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

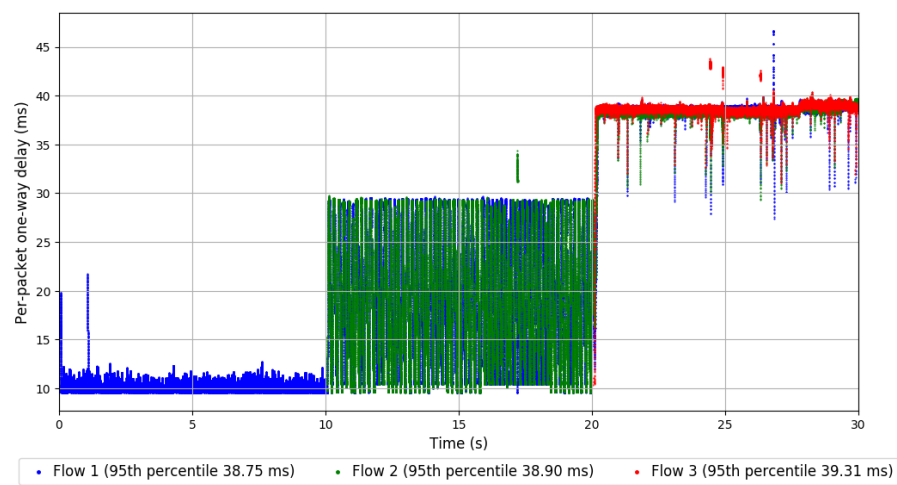
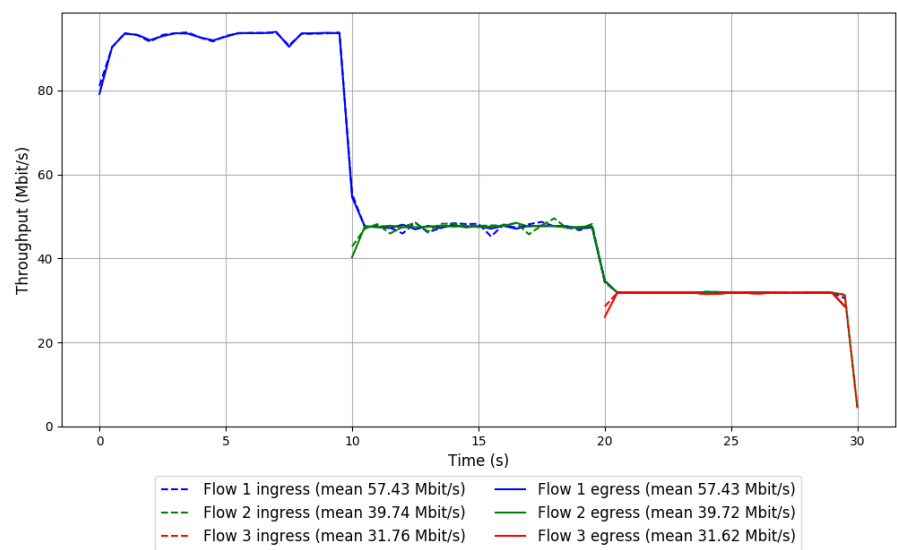


Run 8: Statistics of TaoVA-100x

Start at: 2018-03-06 14:30:43
End at: 2018-03-06 14:31:13
Local clock offset: 0.99 ms
Remote clock offset: -2.728 ms

Below is generated by plot.py at 2018-03-06 19:07:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.32 Mbit/s
95th percentile per-packet one-way delay: 38.918 ms
Loss rate: 0.42%
-- Flow 1:
Average throughput: 57.43 Mbit/s
95th percentile per-packet one-way delay: 38.749 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 39.72 Mbit/s
95th percentile per-packet one-way delay: 38.896 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 31.62 Mbit/s
95th percentile per-packet one-way delay: 39.311 ms
Loss rate: 1.52%

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

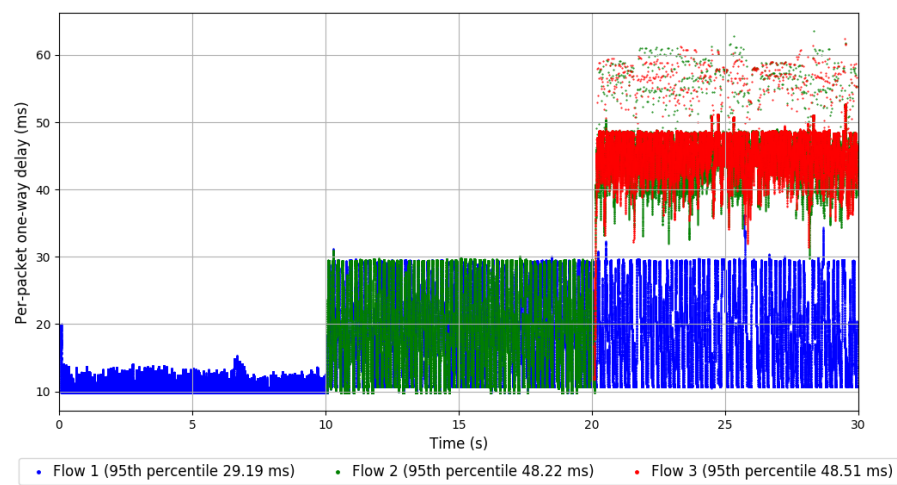
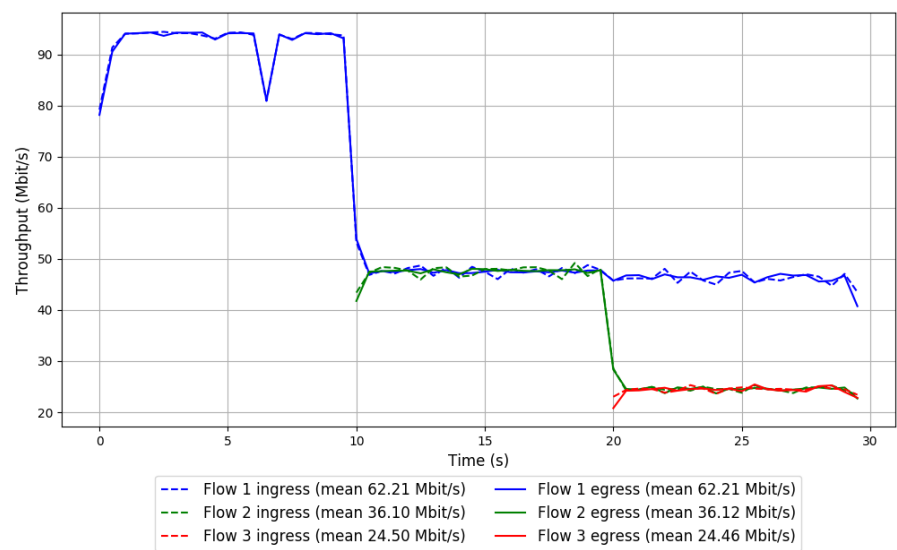


Run 9: Statistics of TaoVA-100x

Start at: 2018-03-06 14:51:59
End at: 2018-03-06 14:52:29
Local clock offset: 2.202 ms
Remote clock offset: -3.927 ms

Below is generated by plot.py at 2018-03-06 19:09:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.34 Mbit/s
95th percentile per-packet one-way delay: 47.459 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 62.21 Mbit/s
95th percentile per-packet one-way delay: 29.188 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 36.12 Mbit/s
95th percentile per-packet one-way delay: 48.222 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 24.46 Mbit/s
95th percentile per-packet one-way delay: 48.508 ms
Loss rate: 0.63%

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

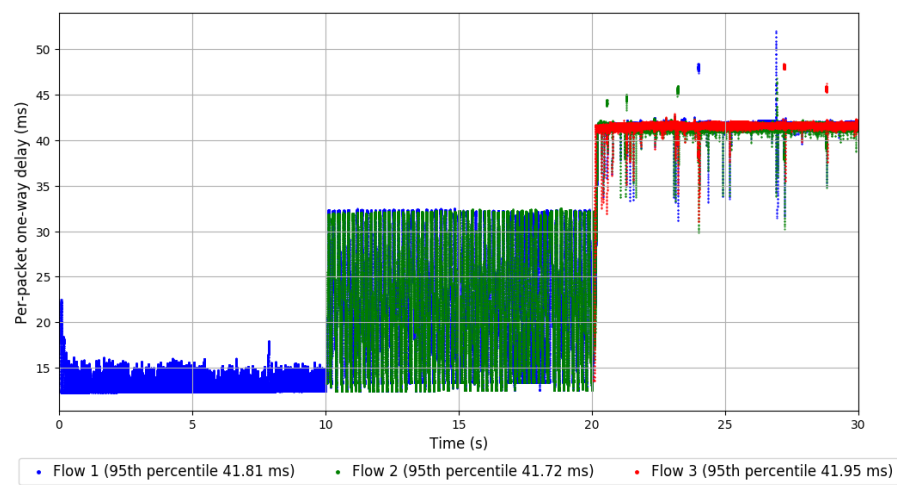
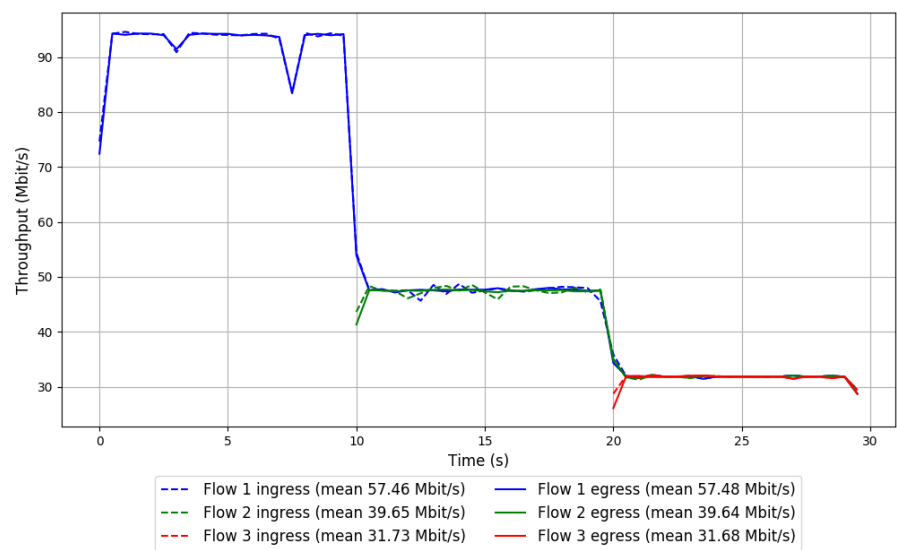


Run 10: Statistics of TaoVA-100x

Start at: 2018-03-06 15:13:09
End at: 2018-03-06 15:13:39
Local clock offset: 4.248 ms
Remote clock offset: -0.839 ms

Below is generated by plot.py at 2018-03-06 19:09:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.35 Mbit/s
95th percentile per-packet one-way delay: 41.836 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.48 Mbit/s
95th percentile per-packet one-way delay: 41.815 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 39.64 Mbit/s
95th percentile per-packet one-way delay: 41.722 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.68 Mbit/s
95th percentile per-packet one-way delay: 41.949 ms
Loss rate: 0.53%

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

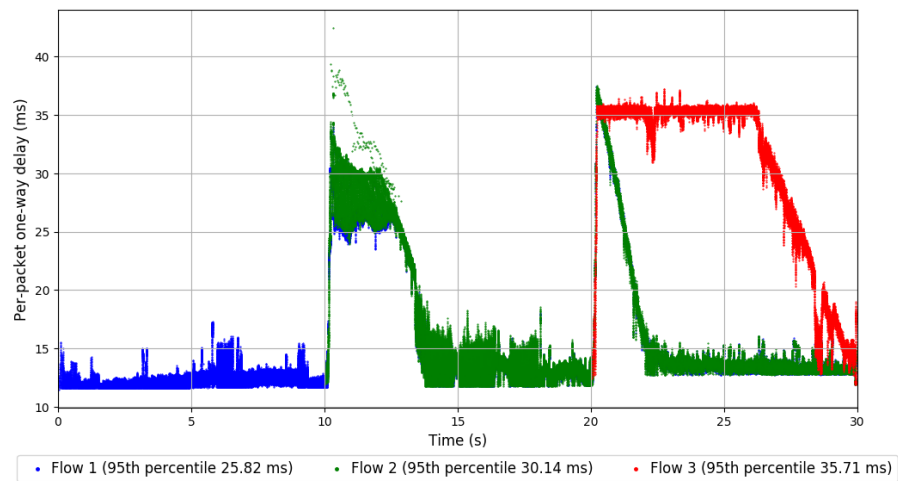
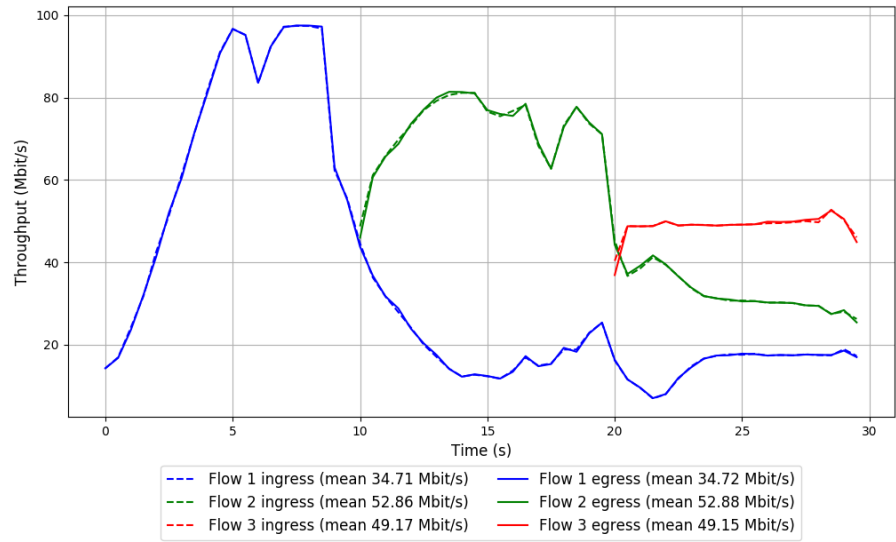


Run 1: Statistics of TCP Vegas

Start at: 2018-03-06 11:50:30
End at: 2018-03-06 11:51:00
Local clock offset: 2.546 ms
Remote clock offset: -2.396 ms

Below is generated by plot.py at 2018-03-06 19:09:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.21 Mbit/s
95th percentile per-packet one-way delay: 35.474 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 34.72 Mbit/s
95th percentile per-packet one-way delay: 25.816 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 52.88 Mbit/s
95th percentile per-packet one-way delay: 30.139 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 49.15 Mbit/s
95th percentile per-packet one-way delay: 35.712 ms
Loss rate: 0.27%

Run 1: Report of TCP Vegas — Data Link



Run 2: Statistics of TCP Vegas

Start at: 2018-03-06 12:11:43

End at: 2018-03-06 12:12:13

Local clock offset: 1.803 ms

Remote clock offset: 4.578 ms

Below is generated by plot.py at 2018-03-06 19:09:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.40 Mbit/s

95th percentile per-packet one-way delay: 33.478 ms

Loss rate: 0.13%

-- Flow 1:

Average throughput: 52.77 Mbit/s

95th percentile per-packet one-way delay: 15.856 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 30.01 Mbit/s

95th percentile per-packet one-way delay: 24.549 ms

Loss rate: 0.09%

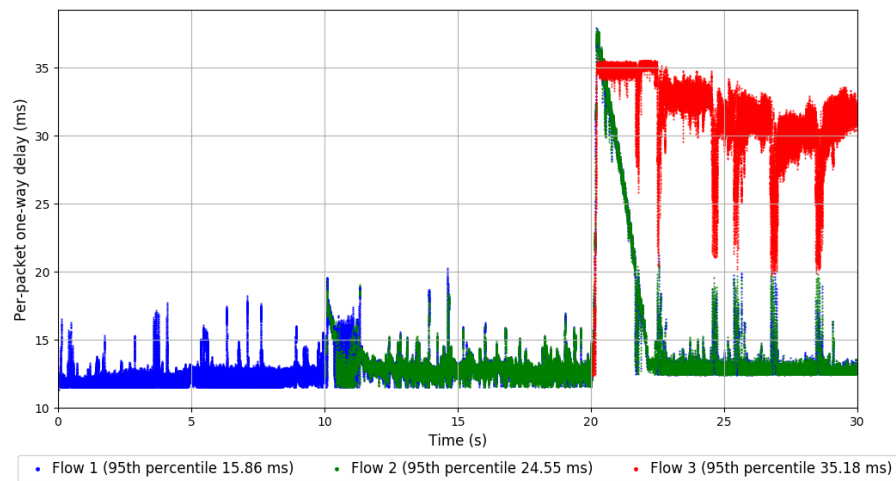
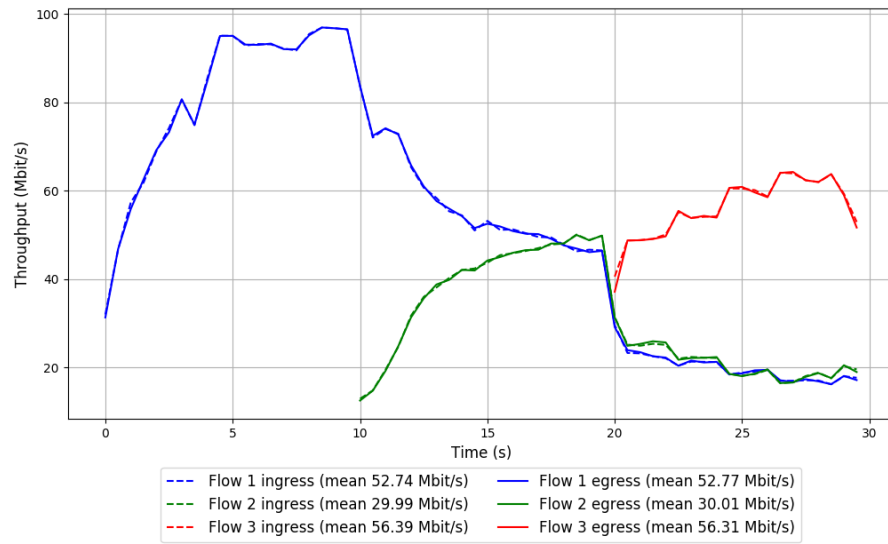
-- Flow 3:

Average throughput: 56.31 Mbit/s

95th percentile per-packet one-way delay: 35.180 ms

Loss rate: 0.45%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-03-06 12:32:56

End at: 2018-03-06 12:33:26

Local clock offset: -0.536 ms

Remote clock offset: 6.12 ms

Below is generated by plot.py at 2018-03-06 19:09:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.18 Mbit/s

95th percentile per-packet one-way delay: 44.677 ms

Loss rate: 0.15%

-- Flow 1:

Average throughput: 59.55 Mbit/s

95th percentile per-packet one-way delay: 44.685 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 40.46 Mbit/s

95th percentile per-packet one-way delay: 33.075 ms

Loss rate: 0.10%

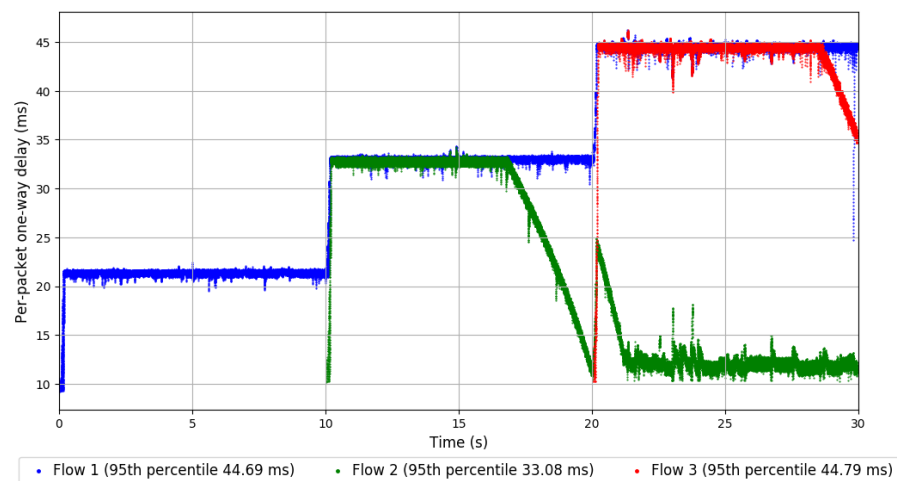
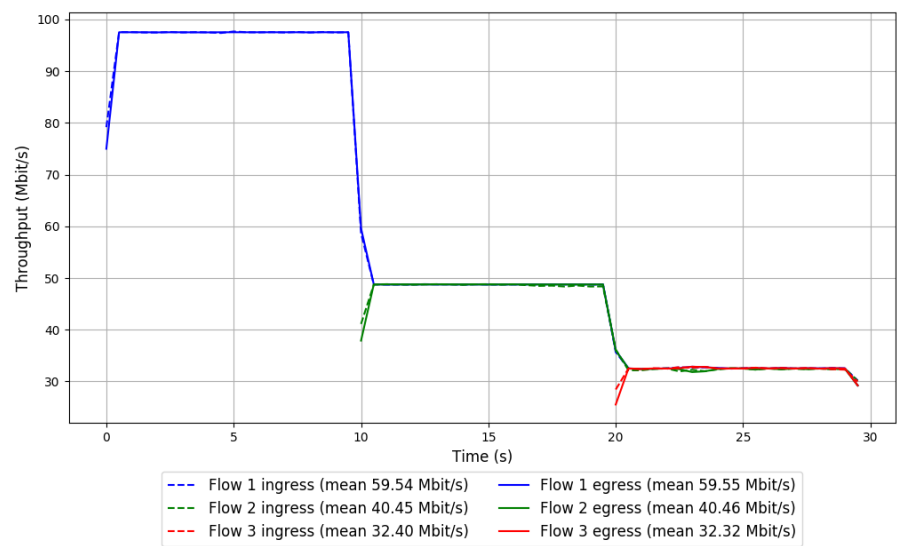
-- Flow 3:

Average throughput: 32.32 Mbit/s

95th percentile per-packet one-way delay: 44.789 ms

Loss rate: 0.50%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2018-03-06 12:54:20

End at: 2018-03-06 12:54:50

Local clock offset: -1.069 ms

Remote clock offset: 6.381 ms

Below is generated by plot.py at 2018-03-06 19:09:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.70 Mbit/s

95th percentile per-packet one-way delay: 32.439 ms

Loss rate: 0.08%

-- Flow 1:

Average throughput: 63.65 Mbit/s

95th percentile per-packet one-way delay: 24.041 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 39.05 Mbit/s

95th percentile per-packet one-way delay: 32.620 ms

Loss rate: 0.08%

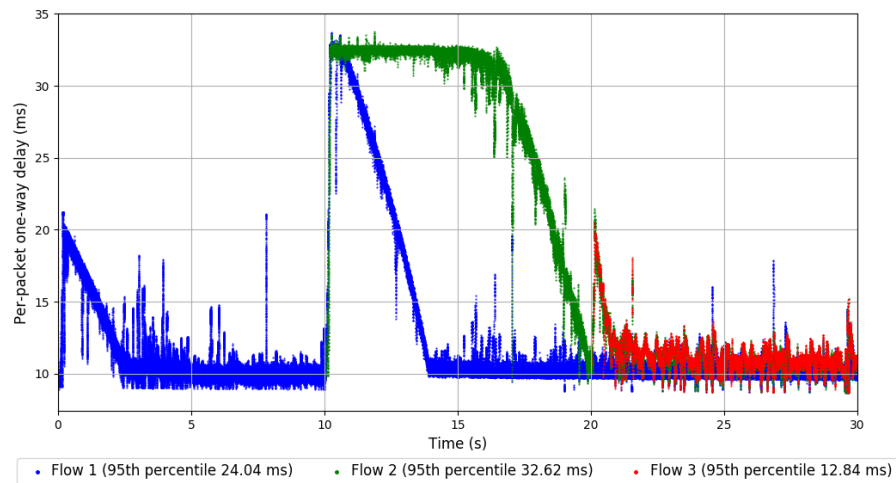
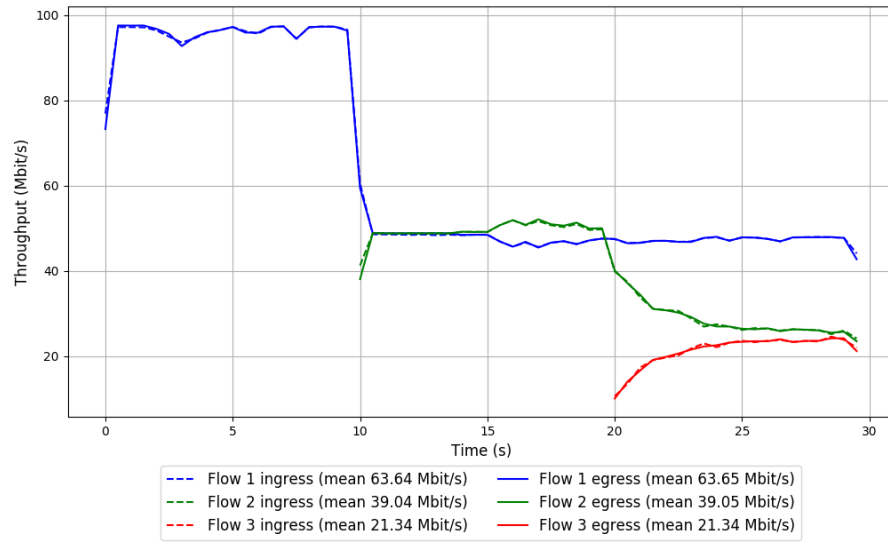
-- Flow 3:

Average throughput: 21.34 Mbit/s

95th percentile per-packet one-way delay: 12.838 ms

Loss rate: 0.29%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-03-06 13:15:33

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

Local clock offset: 2.877 ms

Remote clock offset: 0.908 ms

Below is generated by plot.py at 2018-03-06 19:09:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.97 Mbit/s

95th percentile per-packet one-way delay: 34.618 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 56.22 Mbit/s

95th percentile per-packet one-way delay: 29.639 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 49.12 Mbit/s

95th percentile per-packet one-way delay: 34.812 ms

Loss rate: 0.13%

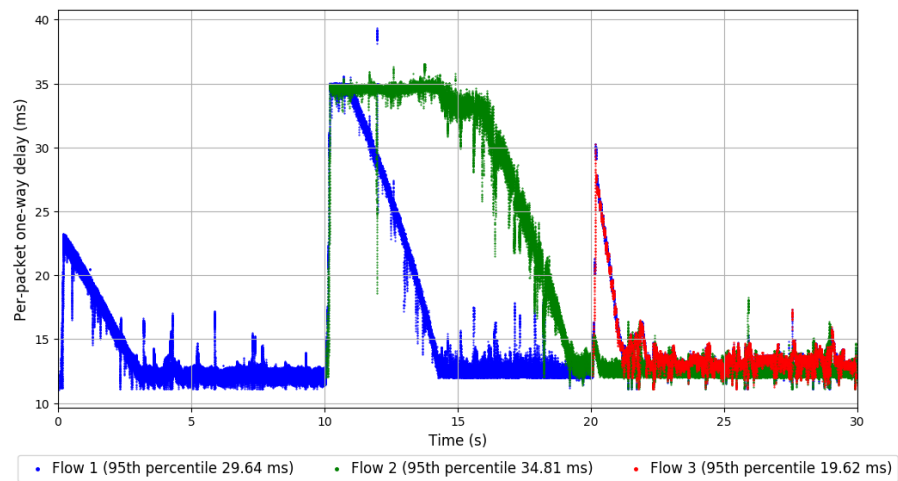
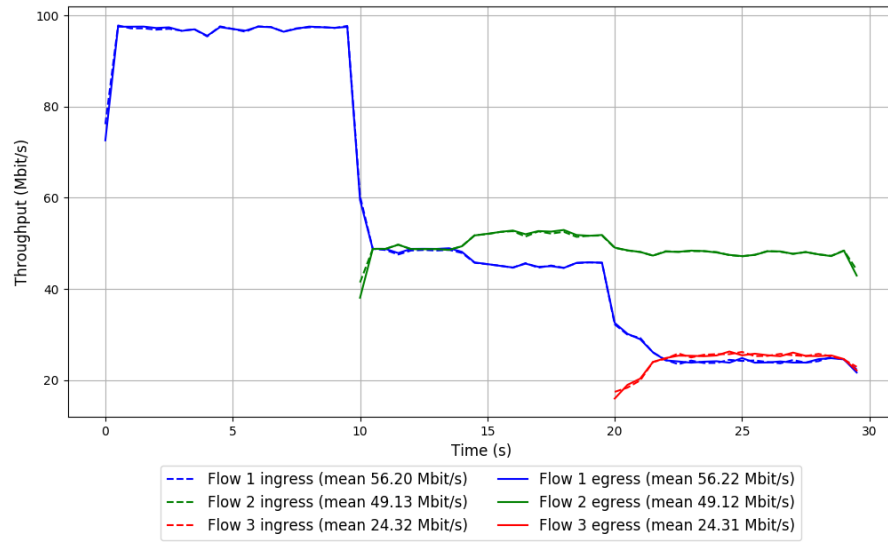
-- Flow 3:

Average throughput: 24.31 Mbit/s

95th percentile per-packet one-way delay: 19.619 ms

Loss rate: 0.29%

Run 5: Report of TCP Vegas — Data Link

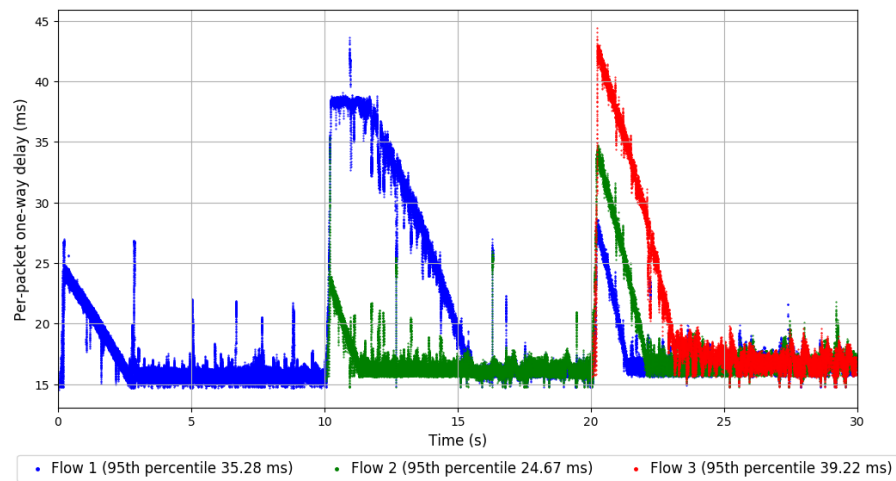
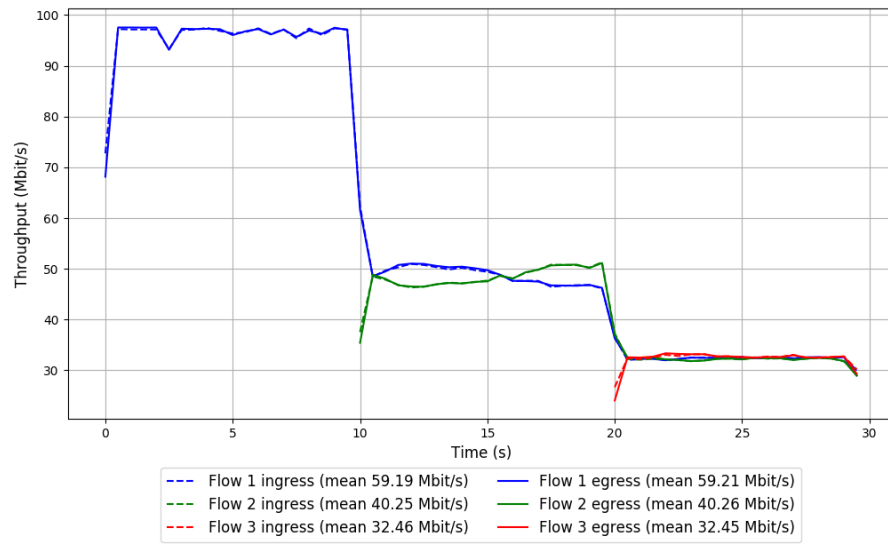


Run 6: Statistics of TCP Vegas

Start at: 2018-03-06 13:36:56
End at: 2018-03-06 13:37:26
Local clock offset: 2.652 ms
Remote clock offset: -0.588 ms

Below is generated by plot.py at 2018-03-06 19:09:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 33.844 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.21 Mbit/s
95th percentile per-packet one-way delay: 35.282 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.26 Mbit/s
95th percentile per-packet one-way delay: 24.670 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.45 Mbit/s
95th percentile per-packet one-way delay: 39.215 ms
Loss rate: 0.31%

Run 6: Report of TCP Vegas — Data Link

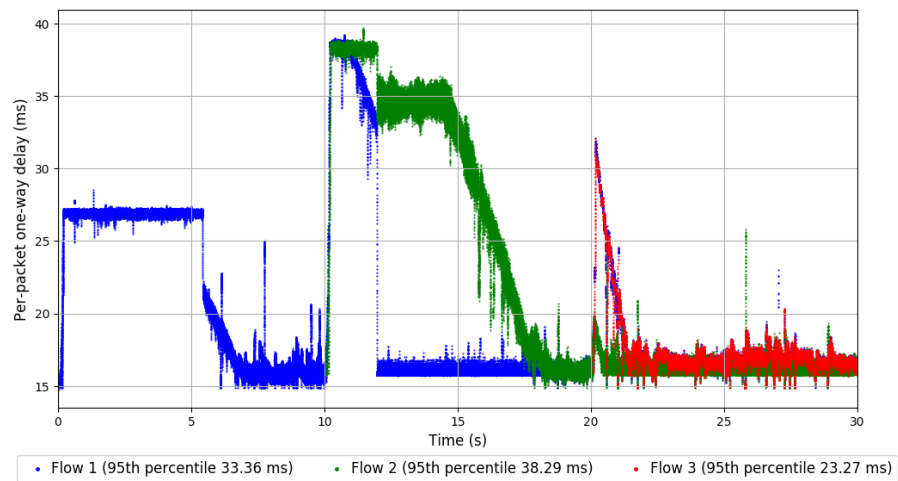
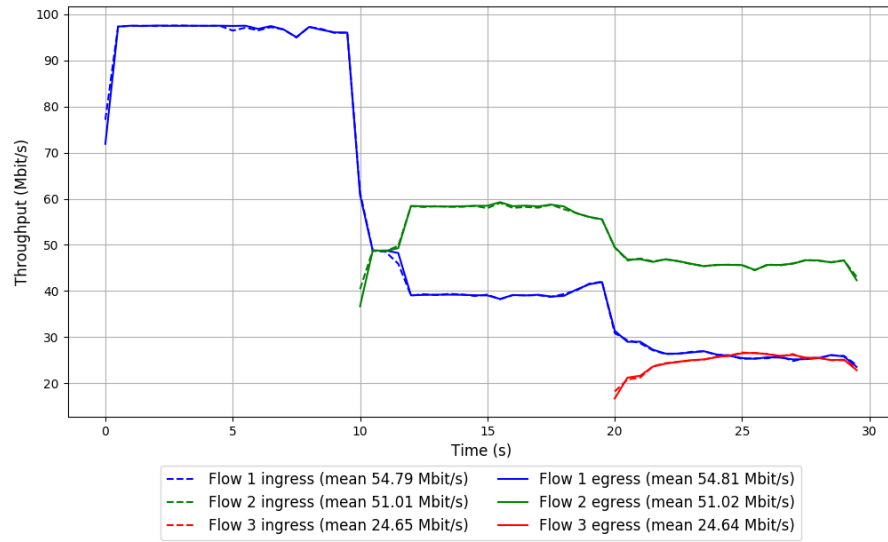


Run 7: Statistics of TCP Vegas

Start at: 2018-03-06 13:58:28
End at: 2018-03-06 13:58:58
Local clock offset: 5.576 ms
Remote clock offset: -0.821 ms

Below is generated by plot.py at 2018-03-06 19:09:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.93 Mbit/s
95th percentile per-packet one-way delay: 36.046 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 54.81 Mbit/s
95th percentile per-packet one-way delay: 33.358 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 51.02 Mbit/s
95th percentile per-packet one-way delay: 38.291 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 24.64 Mbit/s
95th percentile per-packet one-way delay: 23.267 ms
Loss rate: 0.27%

Run 7: Report of TCP Vegas — Data Link

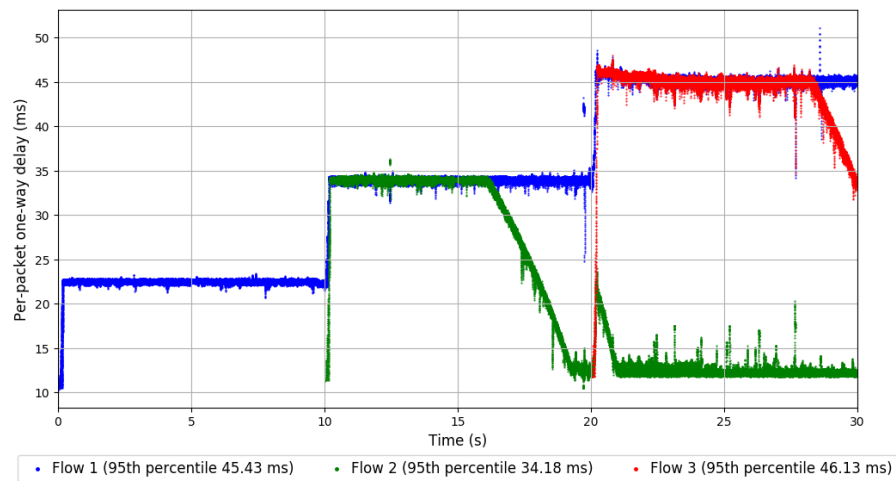
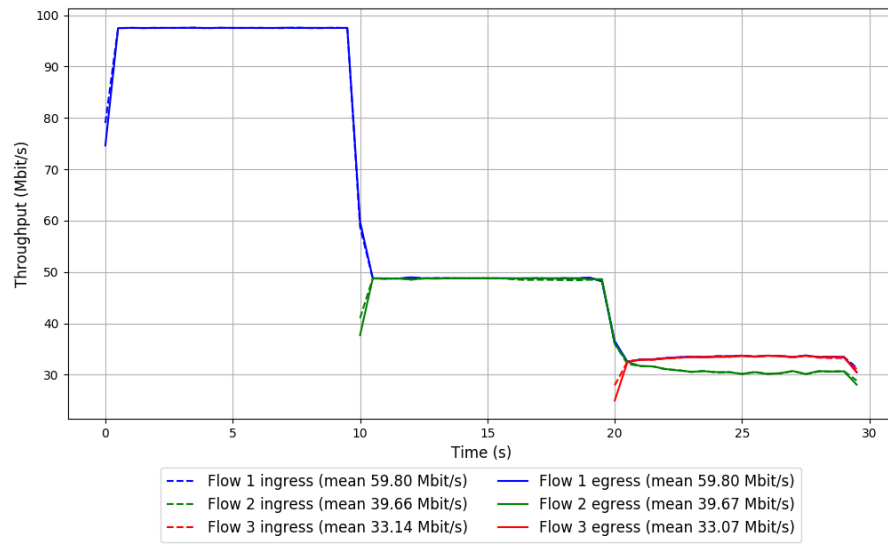


Run 8: Statistics of TCP Vegas

Start at: 2018-03-06 14:19:51
End at: 2018-03-06 14:20:21
Local clock offset: 2.925 ms
Remote clock offset: -1.792 ms

Below is generated by plot.py at 2018-03-06 19:09:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.16 Mbit/s
95th percentile per-packet one-way delay: 45.494 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 59.80 Mbit/s
95th percentile per-packet one-way delay: 45.426 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 39.67 Mbit/s
95th percentile per-packet one-way delay: 34.182 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 33.07 Mbit/s
95th percentile per-packet one-way delay: 46.129 ms
Loss rate: 0.47%

Run 8: Report of TCP Vegas — Data Link

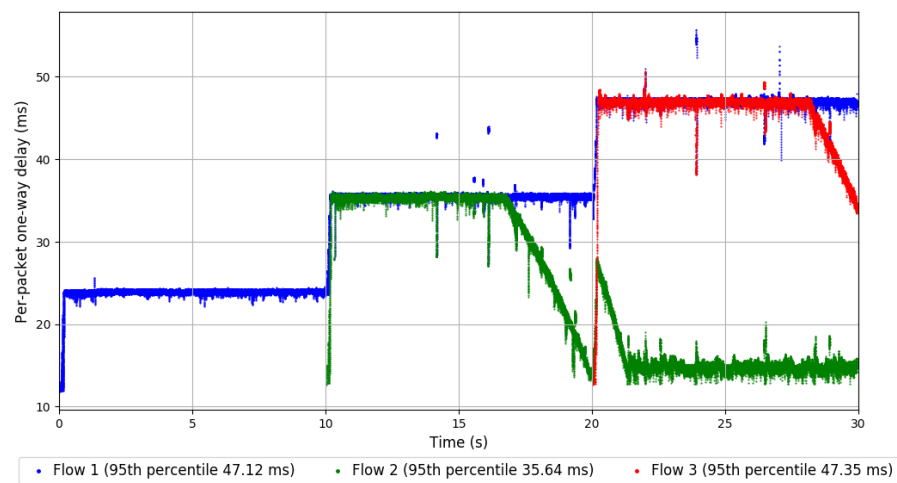
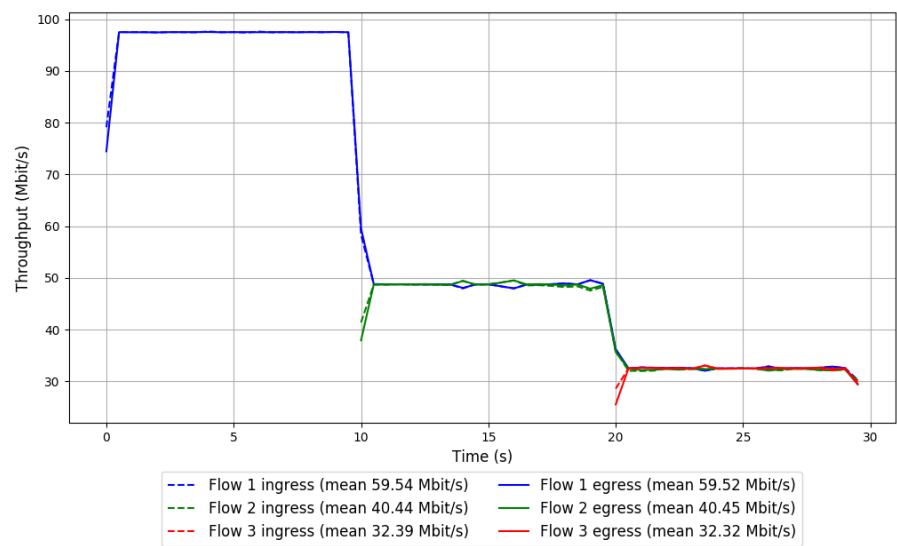


Run 9: Statistics of TCP Vegas

Start at: 2018-03-06 14:41:18
End at: 2018-03-06 14:41:48
Local clock offset: 3.963 ms
Remote clock offset: -2.606 ms

Below is generated by plot.py at 2018-03-06 19:09:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.16 Mbit/s
95th percentile per-packet one-way delay: 47.124 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 59.52 Mbit/s
95th percentile per-packet one-way delay: 47.116 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.45 Mbit/s
95th percentile per-packet one-way delay: 35.640 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 32.32 Mbit/s
95th percentile per-packet one-way delay: 47.351 ms
Loss rate: 0.45%

Run 9: Report of TCP Vegas — Data Link

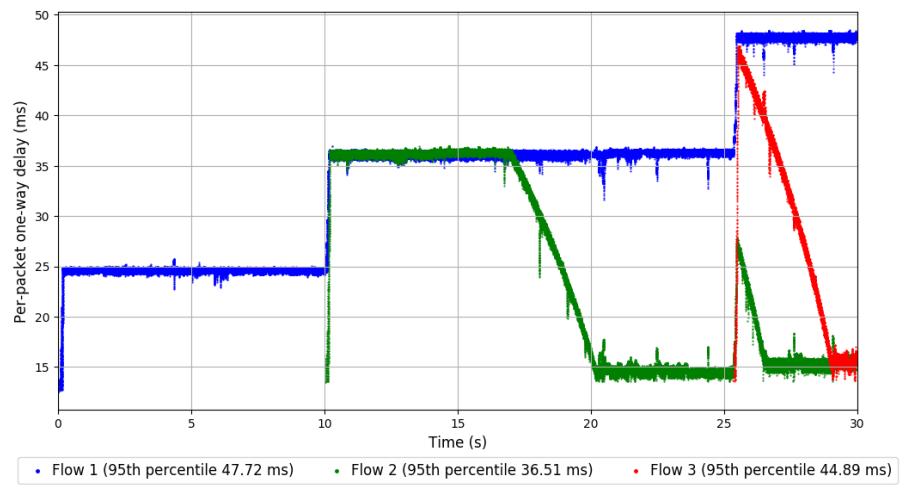
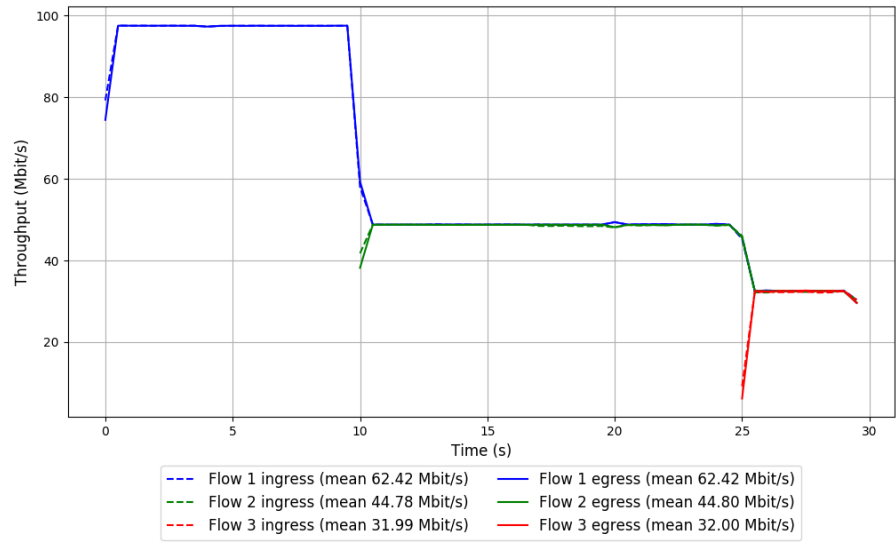


Run 10: Statistics of TCP Vegas

Start at: 2018-03-06 15:02:29
End at: 2018-03-06 15:02:59
Local clock offset: 3.726 ms
Remote clock offset: -6.006 ms

Below is generated by plot.py at 2018-03-06 19:09:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 46.381 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 62.42 Mbit/s
95th percentile per-packet one-way delay: 47.722 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 44.80 Mbit/s
95th percentile per-packet one-way delay: 36.511 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 32.00 Mbit/s
95th percentile per-packet one-way delay: 44.886 ms
Loss rate: 0.59%

Run 10: Report of TCP Vegas — Data Link



Run 1: Statistics of Verus

Start at: 2018-03-06 11:57:39

End at: 2018-03-06 11:58:09

Local clock offset: 2.871 ms

Remote clock offset: 1.231 ms

Below is generated by plot.py at 2018-03-06 19:10:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.94 Mbit/s

95th percentile per-packet one-way delay: 47.117 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 55.95 Mbit/s

95th percentile per-packet one-way delay: 46.988 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 45.45 Mbit/s

95th percentile per-packet one-way delay: 47.177 ms

Loss rate: 0.23%

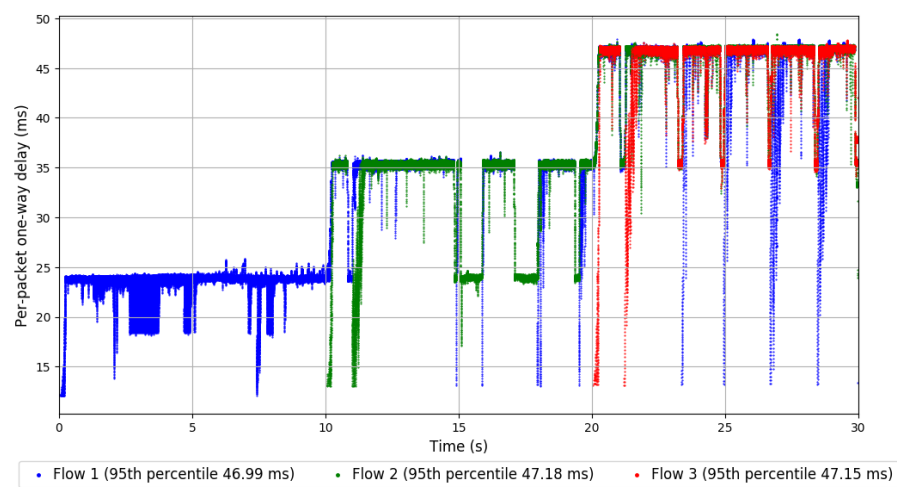
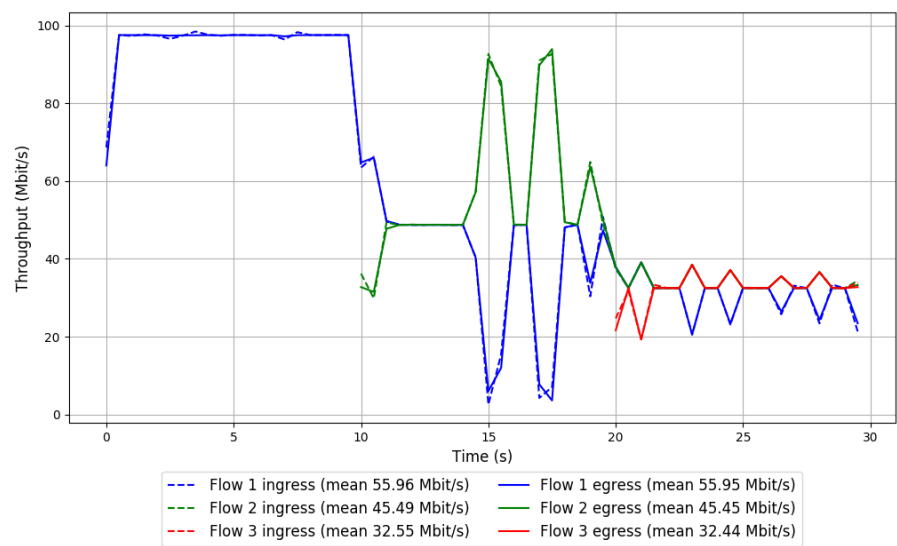
-- Flow 3:

Average throughput: 32.44 Mbit/s

95th percentile per-packet one-way delay: 47.150 ms

Loss rate: 0.64%

Run 1: Report of Verus — Data Link



Run 2: Statistics of Verus

Start at: 2018-03-06 12:18:48

End at: 2018-03-06 12:19:18

Local clock offset: 2.258 ms

Remote clock offset: 6.111 ms

Below is generated by plot.py at 2018-03-06 19:10:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.75 Mbit/s

95th percentile per-packet one-way delay: 56.928 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 61.64 Mbit/s

95th percentile per-packet one-way delay: 56.122 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 29.49 Mbit/s

95th percentile per-packet one-way delay: 57.242 ms

Loss rate: 0.27%

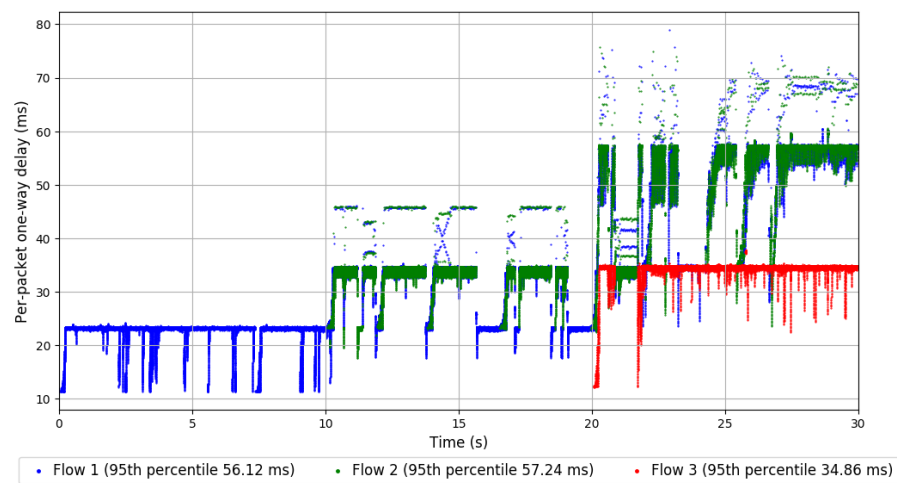
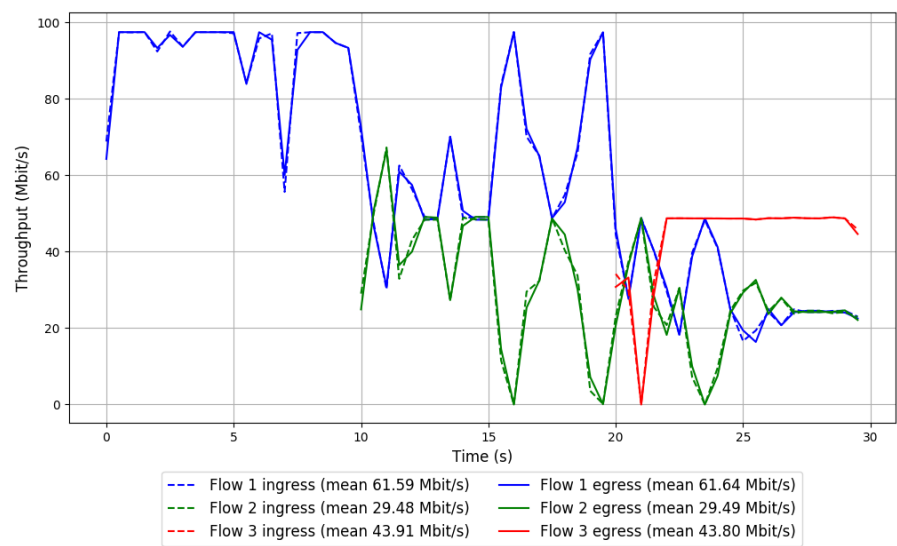
-- Flow 3:

Average throughput: 43.80 Mbit/s

95th percentile per-packet one-way delay: 34.861 ms

Loss rate: 0.52%

Run 2: Report of Verus — Data Link

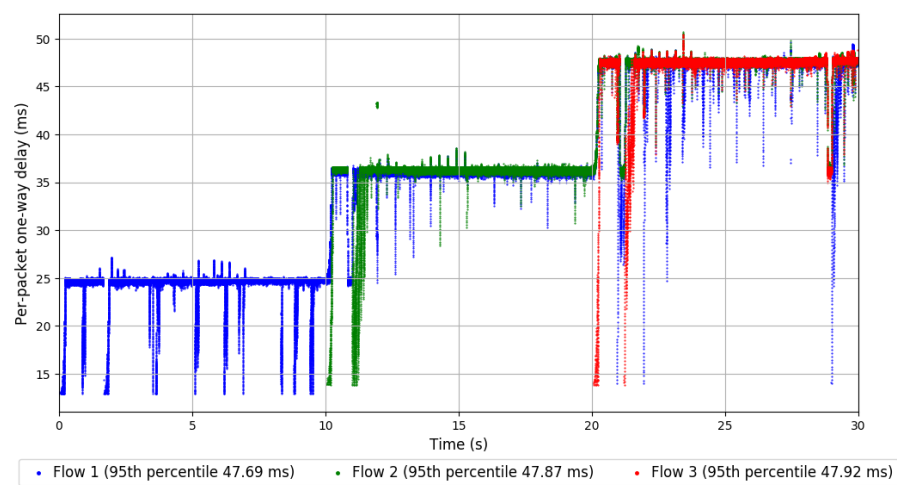
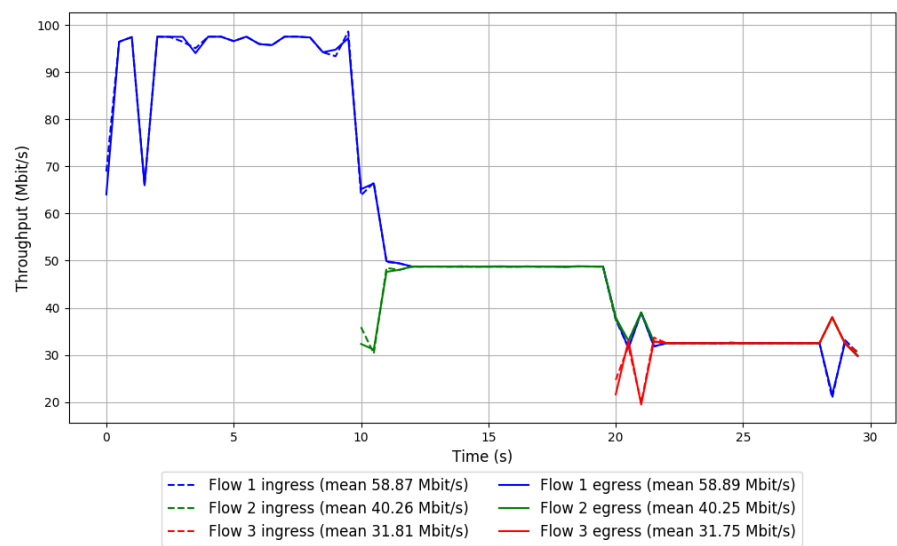


Run 3: Statistics of Verus

Start at: 2018-03-06 12:40:04
End at: 2018-03-06 12:40:34
Local clock offset: 2.798 ms
Remote clock offset: 6.664 ms

Below is generated by plot.py at 2018-03-06 19:11:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.19 Mbit/s
95th percentile per-packet one-way delay: 47.805 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.89 Mbit/s
95th percentile per-packet one-way delay: 47.688 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 40.25 Mbit/s
95th percentile per-packet one-way delay: 47.873 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 31.75 Mbit/s
95th percentile per-packet one-way delay: 47.921 ms
Loss rate: 0.63%

Run 3: Report of Verus — Data Link



Run 4: Statistics of Verus

Start at: 2018-03-06 13:01:32

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

Local clock offset: 1.955 ms

Remote clock offset: 2.072 ms

Below is generated by plot.py at 2018-03-06 19:11:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.85 Mbit/s

95th percentile per-packet one-way delay: 58.036 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 55.81 Mbit/s

95th percentile per-packet one-way delay: 57.958 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 49.12 Mbit/s

95th percentile per-packet one-way delay: 36.014 ms

Loss rate: 0.23%

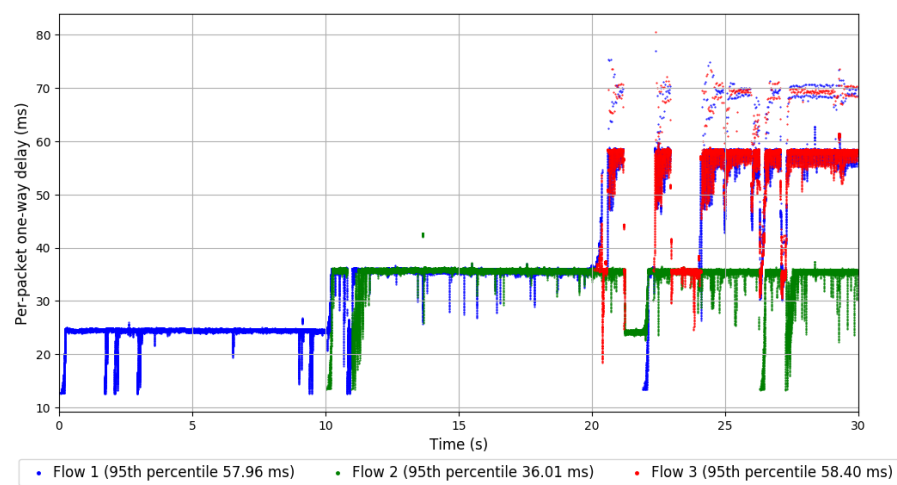
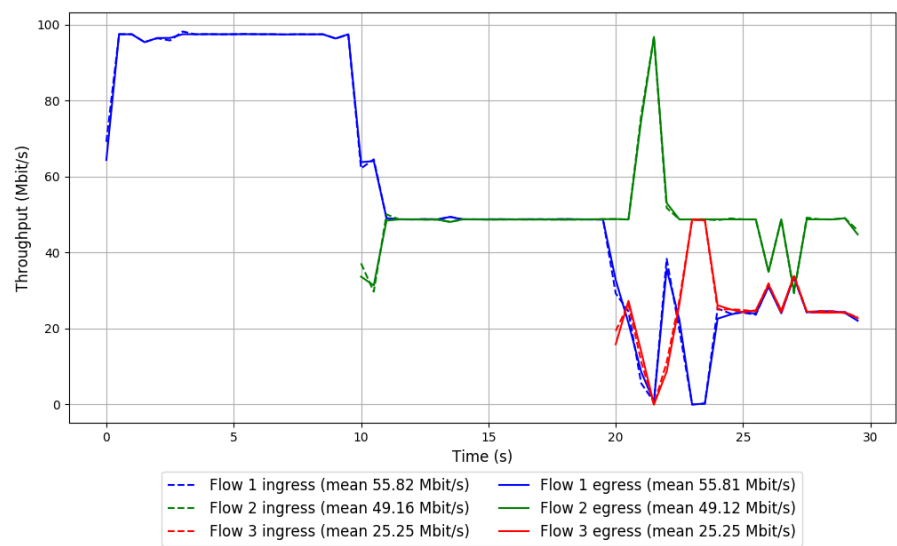
-- Flow 3:

Average throughput: 25.25 Mbit/s

95th percentile per-packet one-way delay: 58.402 ms

Loss rate: 0.66%

Run 4: Report of Verus — Data Link

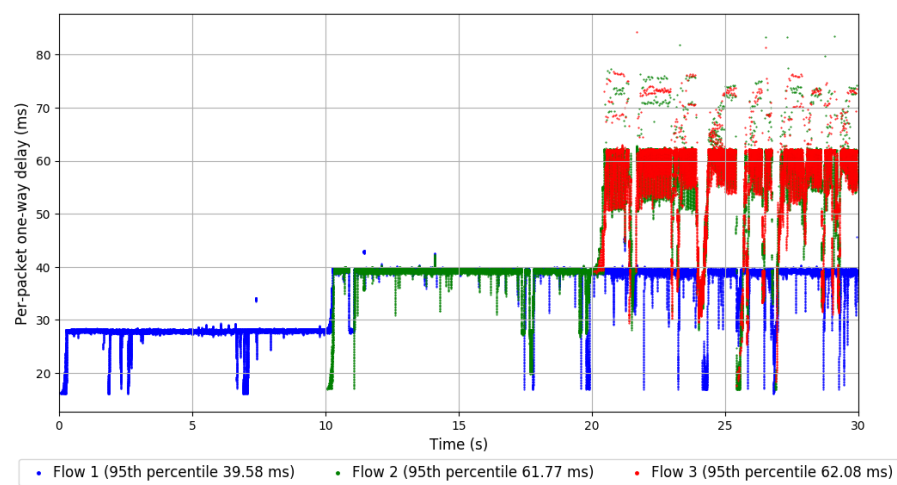
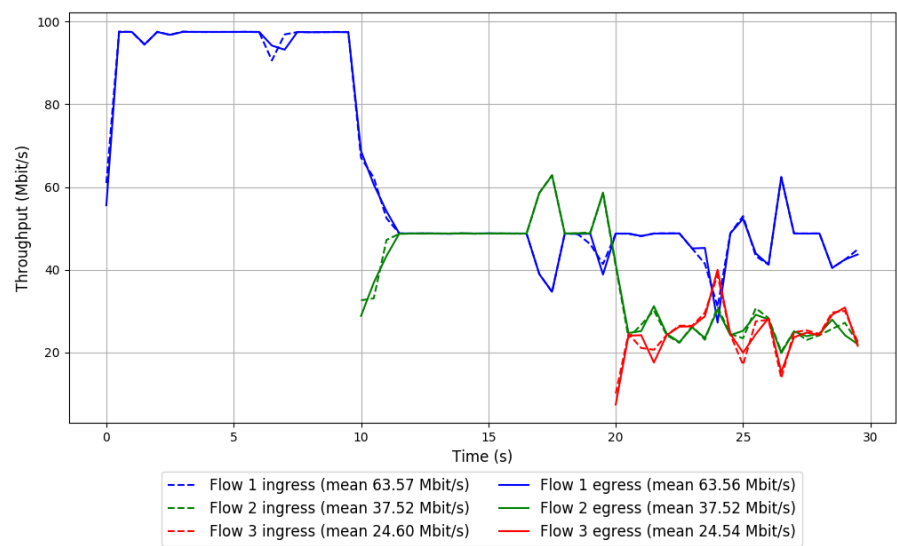


Run 5: Statistics of Verus

Start at: 2018-03-06 13:22:44
End at: 2018-03-06 13:23:14
Local clock offset: 4.389 ms
Remote clock offset: -0.198 ms

Below is generated by plot.py at 2018-03-06 19:11:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.63 Mbit/s
95th percentile per-packet one-way delay: 60.865 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 63.56 Mbit/s
95th percentile per-packet one-way delay: 39.578 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 37.52 Mbit/s
95th percentile per-packet one-way delay: 61.772 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 24.54 Mbit/s
95th percentile per-packet one-way delay: 62.083 ms
Loss rate: 0.81%

Run 5: Report of Verus — Data Link



Run 6: Statistics of Verus

Start at: 2018-03-06 13:44:12

End at: 2018-03-06 13:44:42

Local clock offset: 6.34 ms

Remote clock offset: 0.126 ms

Below is generated by plot.py at 2018-03-06 19:11:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.47 Mbit/s

95th percentile per-packet one-way delay: 49.457 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 59.32 Mbit/s

95th percentile per-packet one-way delay: 49.232 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 40.15 Mbit/s

95th percentile per-packet one-way delay: 49.514 ms

Loss rate: 0.24%

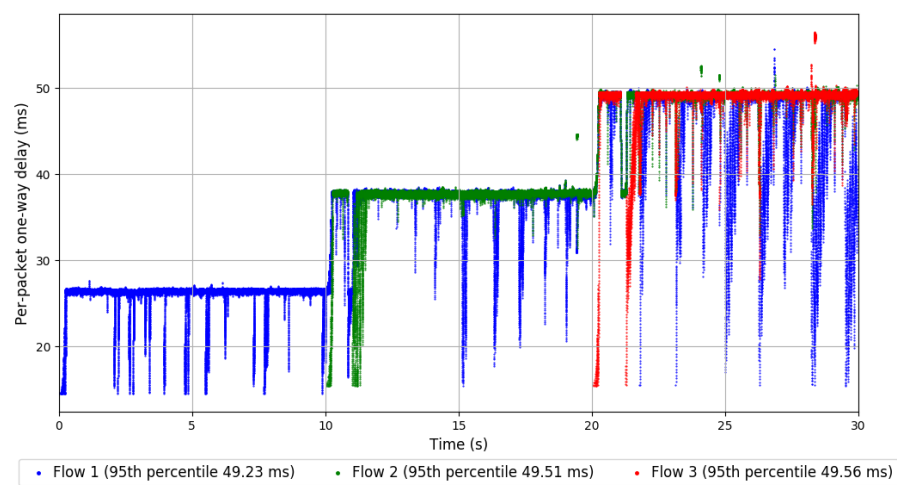
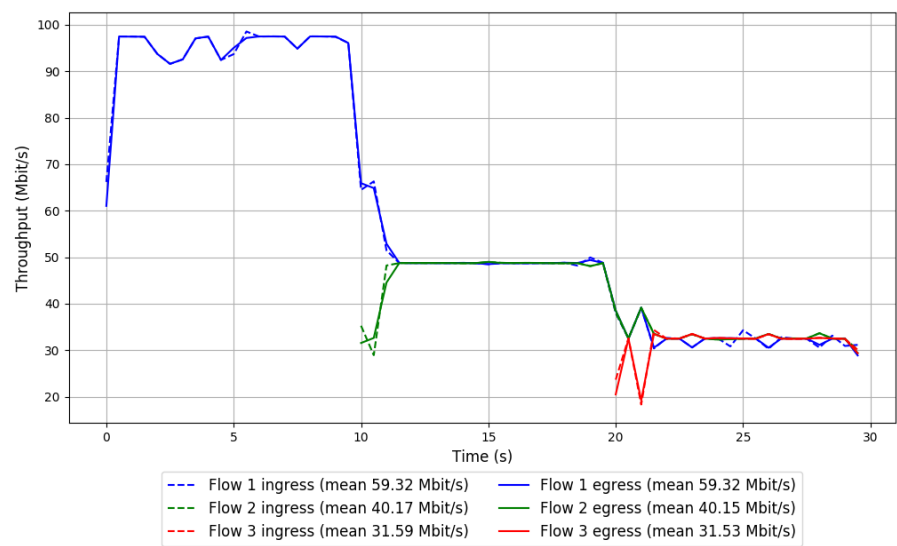
-- Flow 3:

Average throughput: 31.53 Mbit/s

95th percentile per-packet one-way delay: 49.563 ms

Loss rate: 0.62%

Run 6: Report of Verus — Data Link

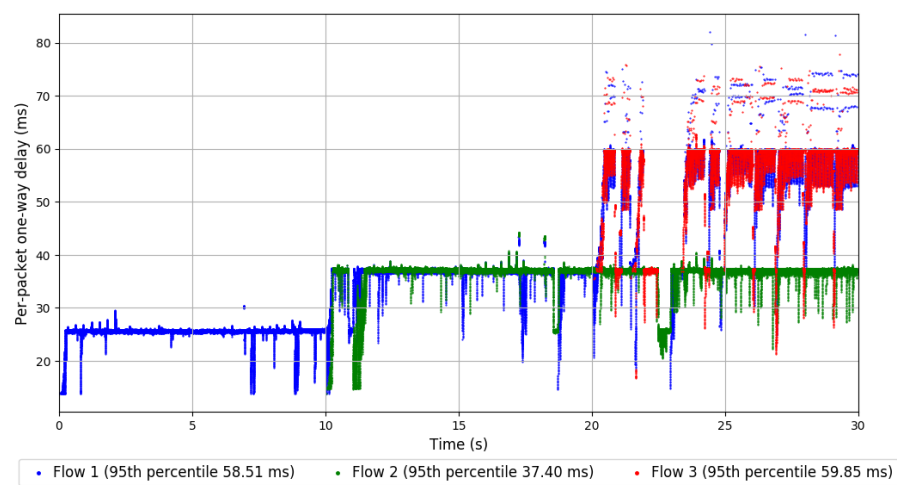
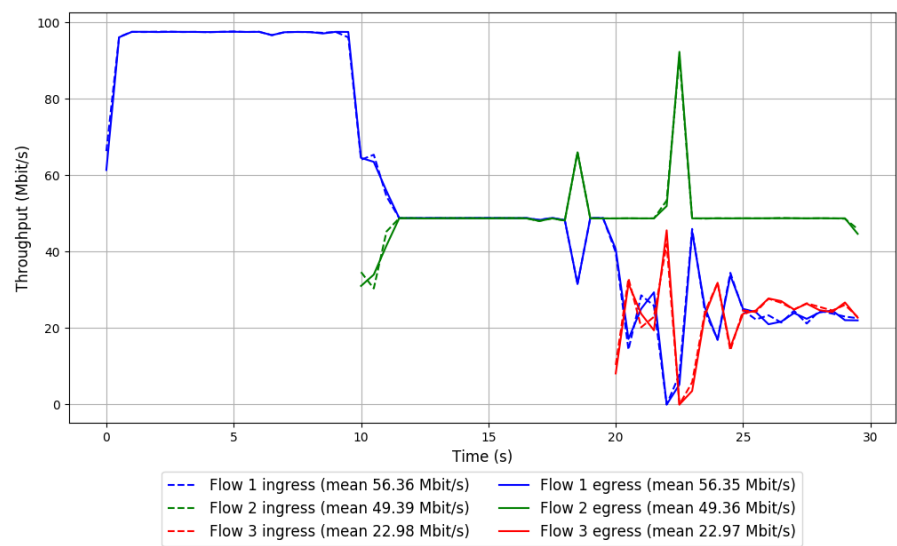


Run 7: Statistics of Verus

Start at: 2018-03-06 14:05:33
End at: 2018-03-06 14:06:03
Local clock offset: 5.181 ms
Remote clock offset: -1.136 ms

Below is generated by plot.py at 2018-03-06 19:11:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.80 Mbit/s
95th percentile per-packet one-way delay: 59.341 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 56.35 Mbit/s
95th percentile per-packet one-way delay: 58.511 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 49.36 Mbit/s
95th percentile per-packet one-way delay: 37.395 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 22.97 Mbit/s
95th percentile per-packet one-way delay: 59.849 ms
Loss rate: 0.68%

Run 7: Report of Verus — Data Link

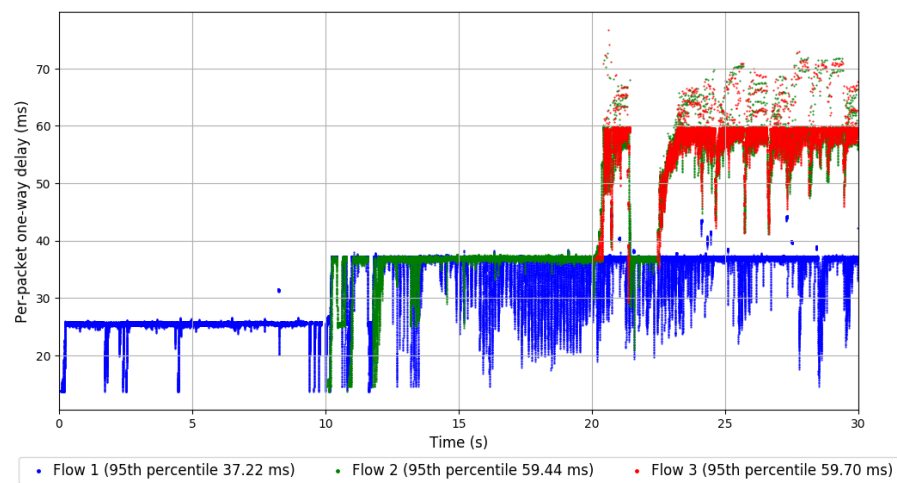
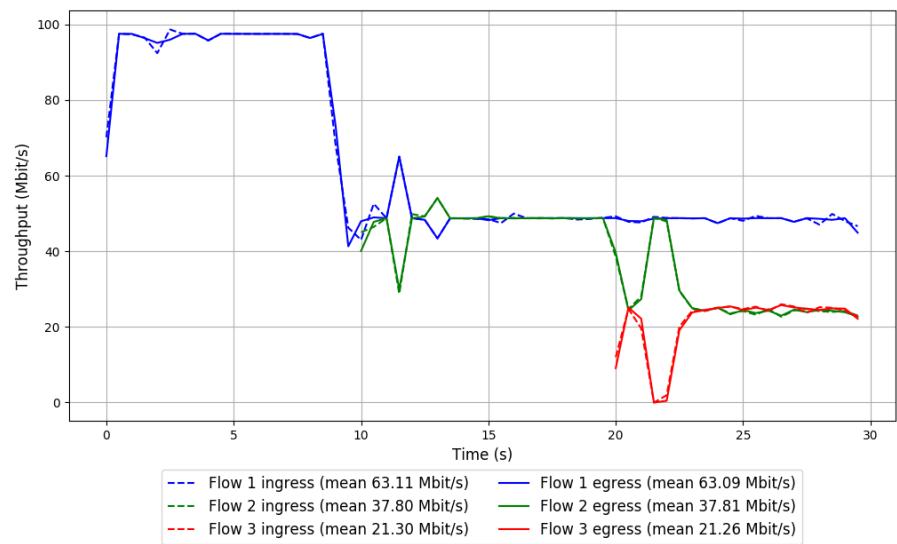


Run 8: Statistics of Verus

Start at: 2018-03-06 14:27:08
End at: 2018-03-06 14:27:38
Local clock offset: 5.137 ms
Remote clock offset: -2.577 ms

Below is generated by plot.py at 2018-03-06 19:11:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.28 Mbit/s
95th percentile per-packet one-way delay: 59.208 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 63.09 Mbit/s
95th percentile per-packet one-way delay: 37.224 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 37.81 Mbit/s
95th percentile per-packet one-way delay: 59.438 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 21.26 Mbit/s
95th percentile per-packet one-way delay: 59.699 ms
Loss rate: 0.76%

Run 8: Report of Verus — Data Link

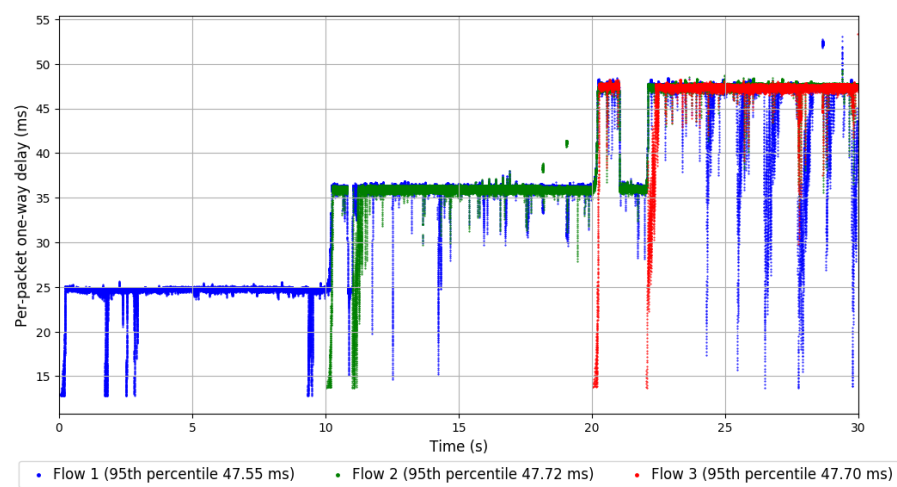
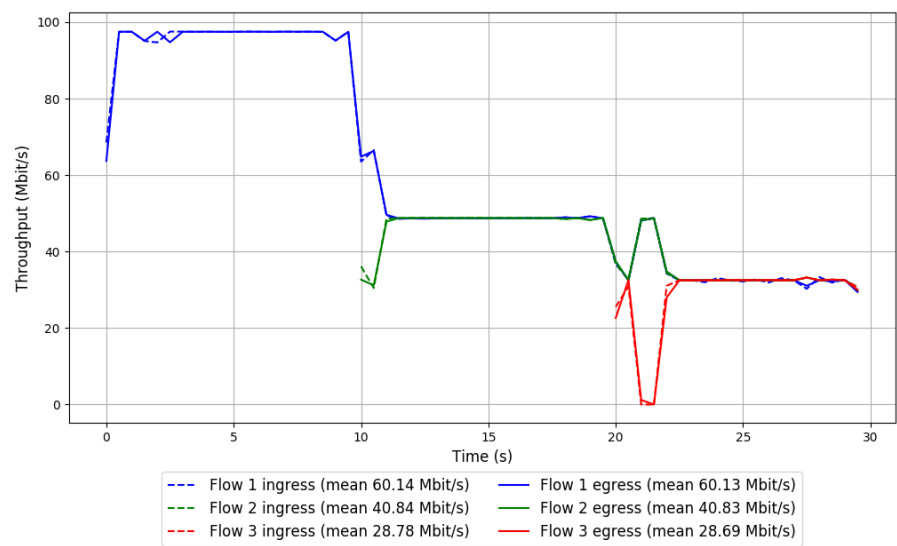


Run 9: Statistics of Verus

Start at: 2018-03-06 14:48:26
End at: 2018-03-06 14:48:56
Local clock offset: 4.618 ms
Remote clock offset: -4.122 ms

Below is generated by plot.py at 2018-03-06 19:12:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.81 Mbit/s
95th percentile per-packet one-way delay: 47.654 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 60.13 Mbit/s
95th percentile per-packet one-way delay: 47.554 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 40.83 Mbit/s
95th percentile per-packet one-way delay: 47.715 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 28.69 Mbit/s
95th percentile per-packet one-way delay: 47.702 ms
Loss rate: 0.66%

Run 9: Report of Verus — Data Link

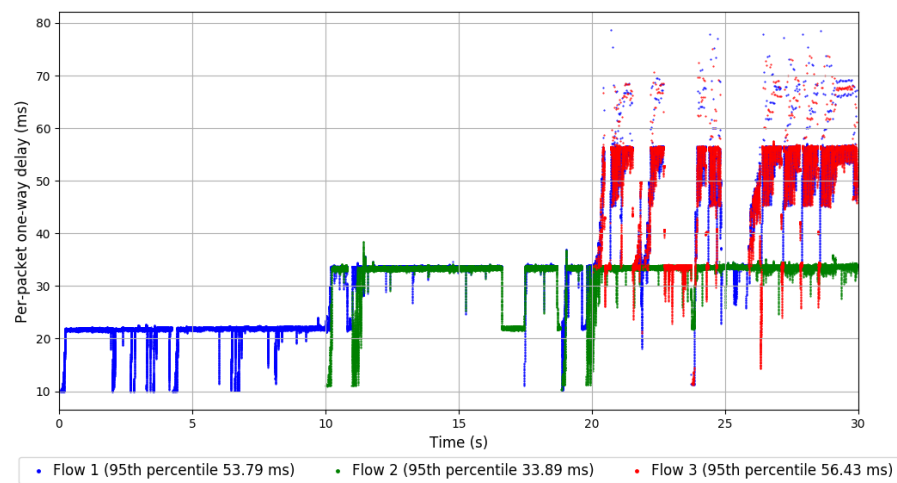
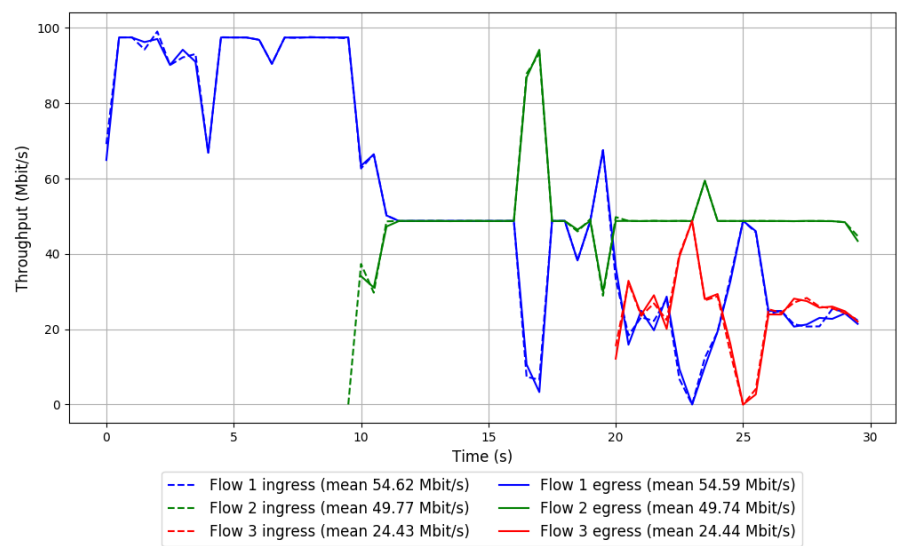


Run 10: Statistics of Verus

Start at: 2018-03-06 15:09:34
End at: 2018-03-06 15:10:04
Local clock offset: 1.256 ms
Remote clock offset: -5.139 ms

Below is generated by plot.py at 2018-03-06 19:12:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.80 Mbit/s
95th percentile per-packet one-way delay: 54.810 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 54.59 Mbit/s
95th percentile per-packet one-way delay: 53.793 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 49.74 Mbit/s
95th percentile per-packet one-way delay: 33.888 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 24.44 Mbit/s
95th percentile per-packet one-way delay: 56.431 ms
Loss rate: 0.57%

Run 10: Report of Verus — Data Link

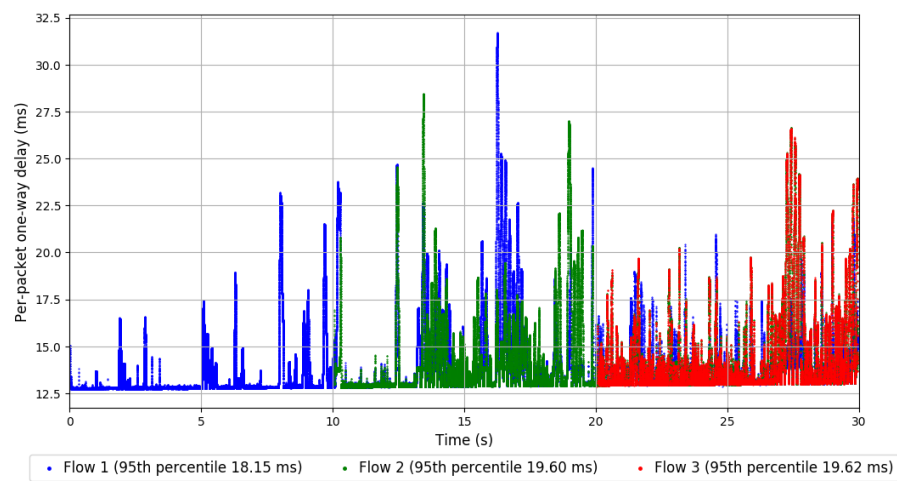
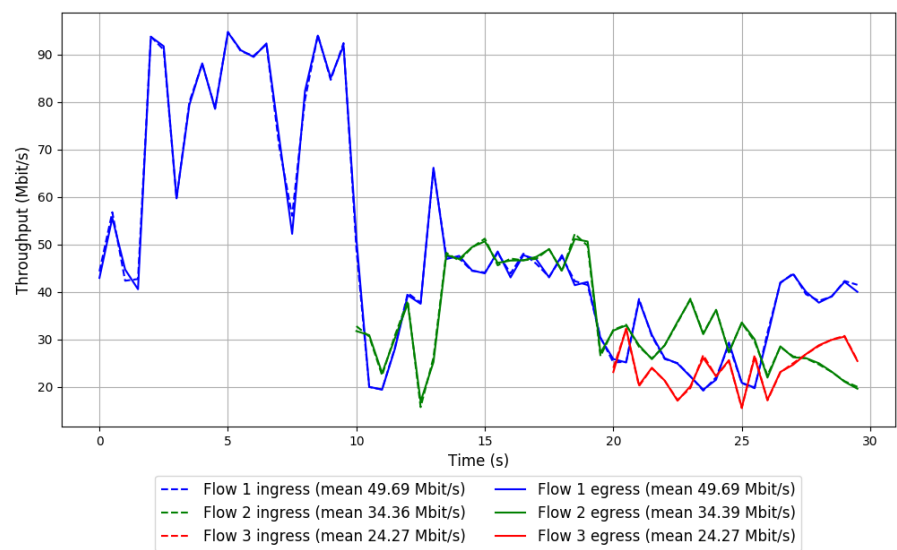


Run 1: Statistics of Copa

Start at: 2018-03-06 11:52:53
End at: 2018-03-06 11:53:24
Local clock offset: 3.472 ms
Remote clock offset: -1.165 ms

Below is generated by plot.py at 2018-03-06 19:13:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.59 Mbit/s
95th percentile per-packet one-way delay: 18.884 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 49.69 Mbit/s
95th percentile per-packet one-way delay: 18.151 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 34.39 Mbit/s
95th percentile per-packet one-way delay: 19.597 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 24.27 Mbit/s
95th percentile per-packet one-way delay: 19.625 ms
Loss rate: 0.23%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-03-06 12:14:06

End at: 2018-03-06 12:14:36

Local clock offset: 2.662 ms

Remote clock offset: 3.975 ms

Below is generated by plot.py at 2018-03-06 19:13:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 83.24 Mbit/s

95th percentile per-packet one-way delay: 22.144 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 46.40 Mbit/s

95th percentile per-packet one-way delay: 22.104 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 42.74 Mbit/s

95th percentile per-packet one-way delay: 21.462 ms

Loss rate: 0.08%

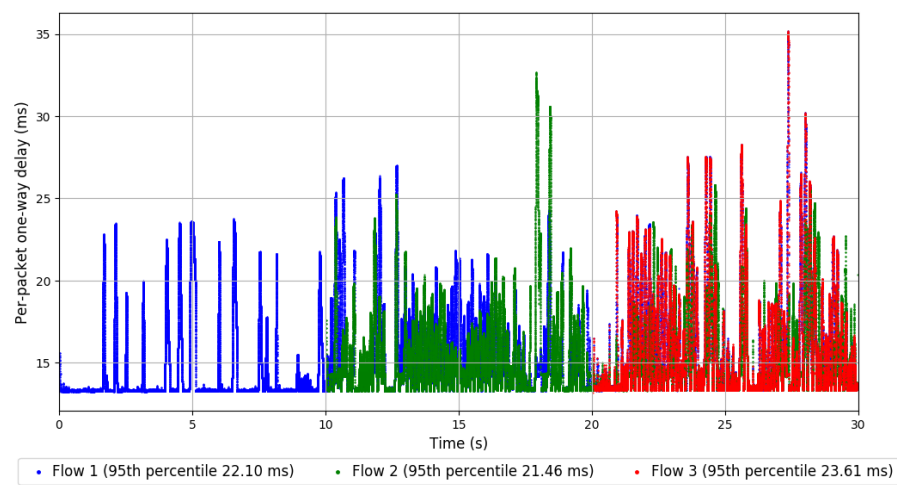
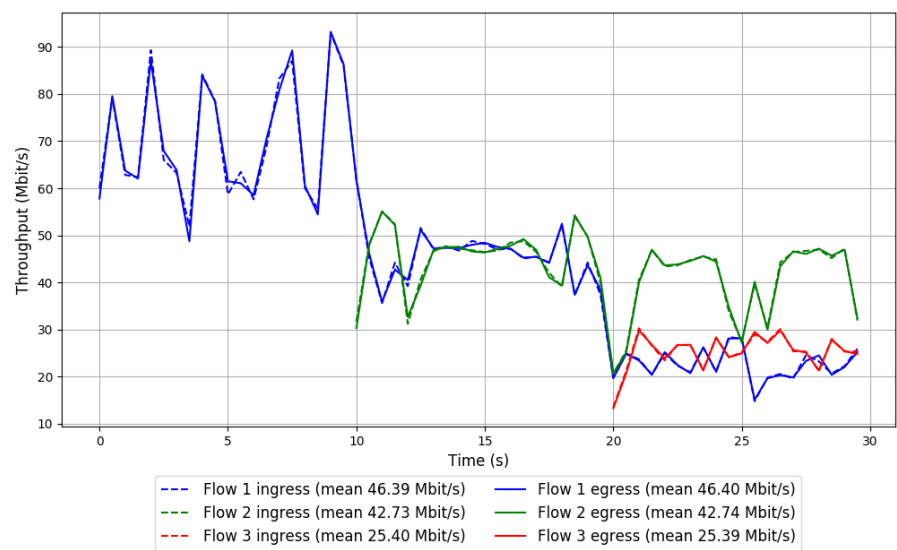
-- Flow 3:

Average throughput: 25.39 Mbit/s

95th percentile per-packet one-way delay: 23.606 ms

Loss rate: 0.29%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-03-06 12:35:17

End at: 2018-03-06 12:35:47

Local clock offset: 1.261 ms

Remote clock offset: 6.381 ms

Below is generated by plot.py at 2018-03-06 19:13:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.21 Mbit/s

95th percentile per-packet one-way delay: 18.083 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 55.07 Mbit/s

95th percentile per-packet one-way delay: 16.993 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 35.28 Mbit/s

95th percentile per-packet one-way delay: 20.048 ms

Loss rate: 0.08%

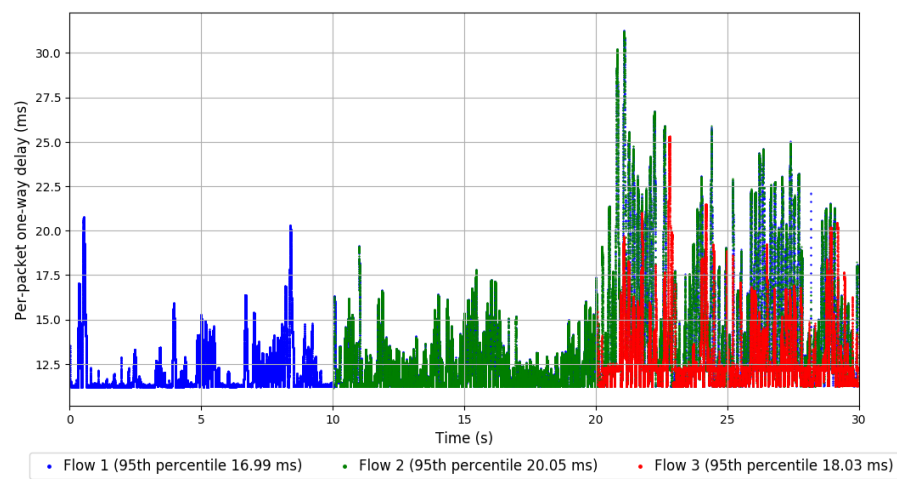
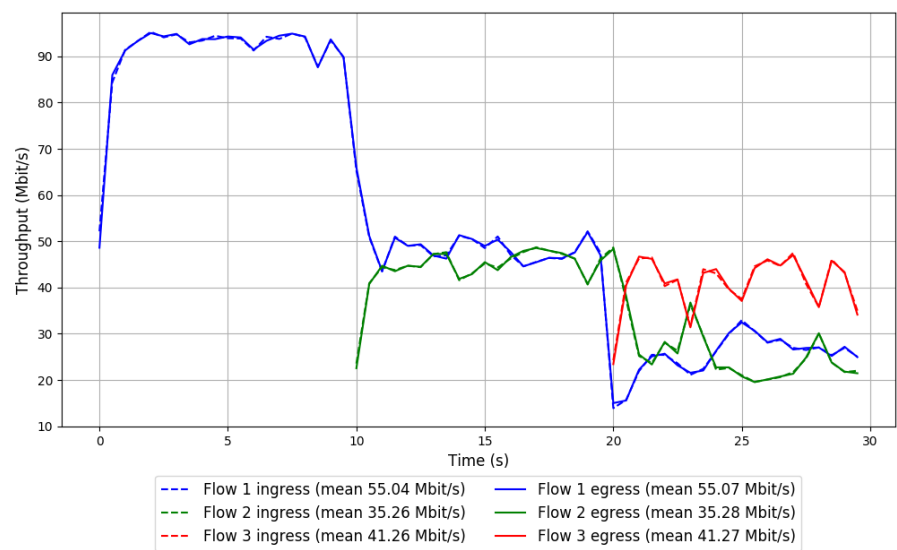
-- Flow 3:

Average throughput: 41.27 Mbit/s

95th percentile per-packet one-way delay: 18.033 ms

Loss rate: 0.22%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-03-06 12:56:45

End at: 2018-03-06 12:57:15

Local clock offset: 1.148 ms

Remote clock offset: 4.623 ms

Below is generated by plot.py at 2018-03-06 19:13:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.13 Mbit/s

95th percentile per-packet one-way delay: 18.699 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 55.31 Mbit/s

95th percentile per-packet one-way delay: 18.070 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 38.93 Mbit/s

95th percentile per-packet one-way delay: 19.565 ms

Loss rate: 0.15%

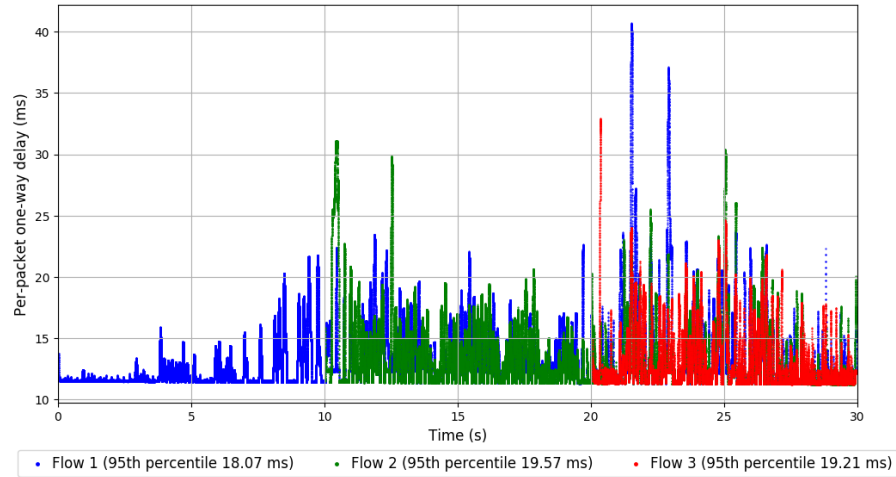
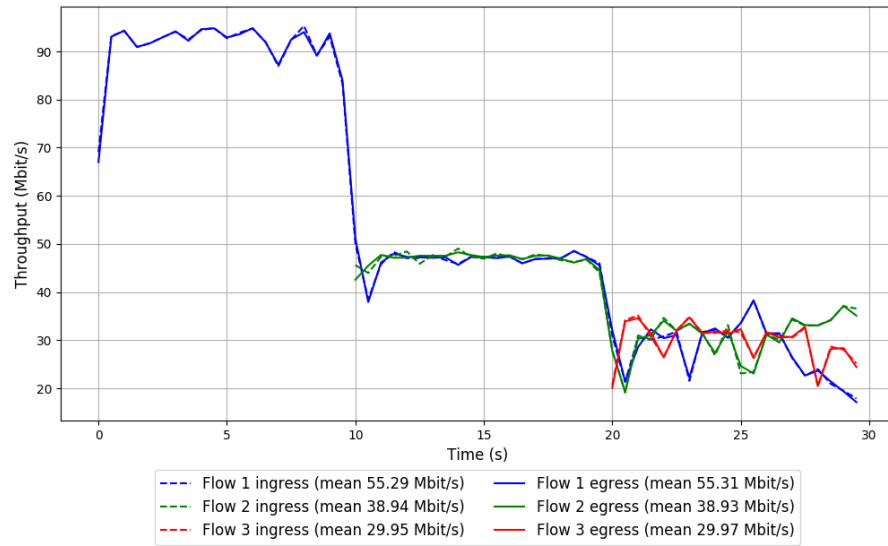
-- Flow 3:

Average throughput: 29.97 Mbit/s

95th percentile per-packet one-way delay: 19.210 ms

Loss rate: 0.24%

Run 4: Report of Copa — Data Link

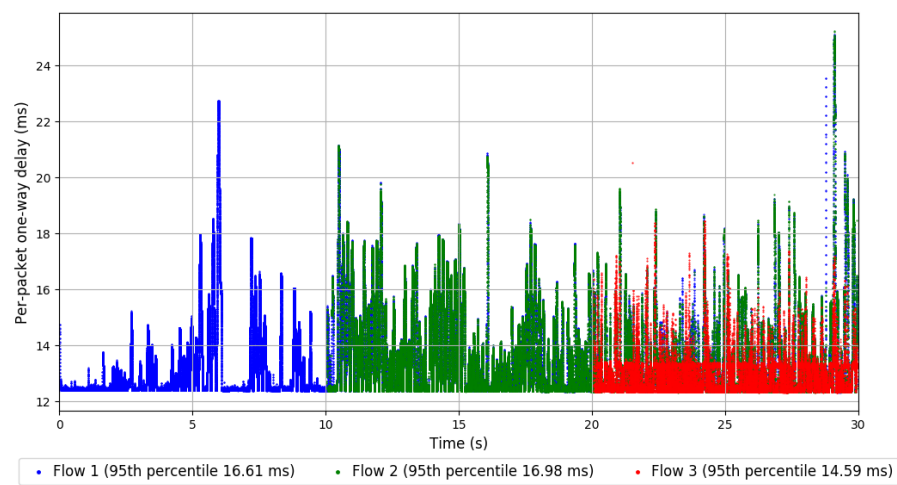
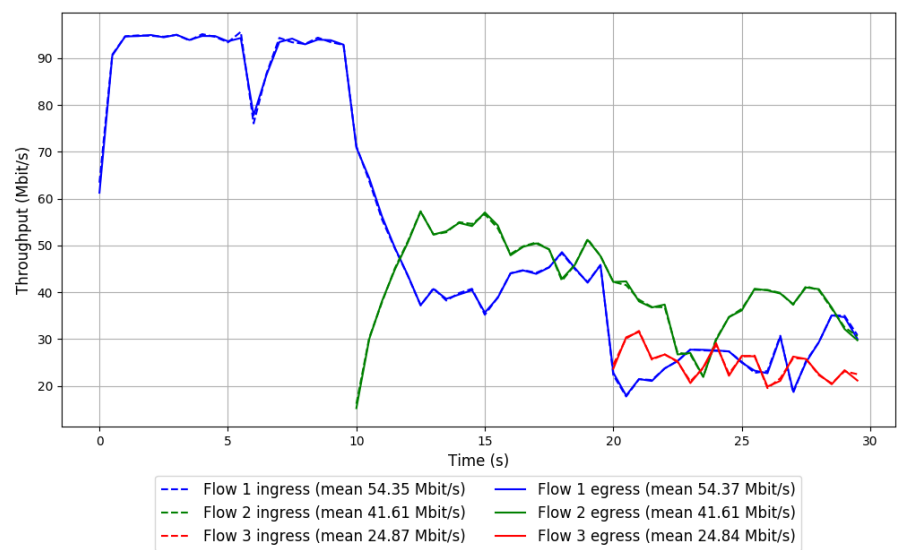


Run 5: Statistics of Copa

Start at: 2018-03-06 13:17:55
End at: 2018-03-06 13:18:25
Local clock offset: 2.91 ms
Remote clock offset: -0.597 ms

Below is generated by plot.py at 2018-03-06 19:13:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.28 Mbit/s
95th percentile per-packet one-way delay: 16.654 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 54.37 Mbit/s
95th percentile per-packet one-way delay: 16.613 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 41.61 Mbit/s
95th percentile per-packet one-way delay: 16.980 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 24.84 Mbit/s
95th percentile per-packet one-way delay: 14.585 ms
Loss rate: 0.37%

Run 5: Report of Copa — Data Link

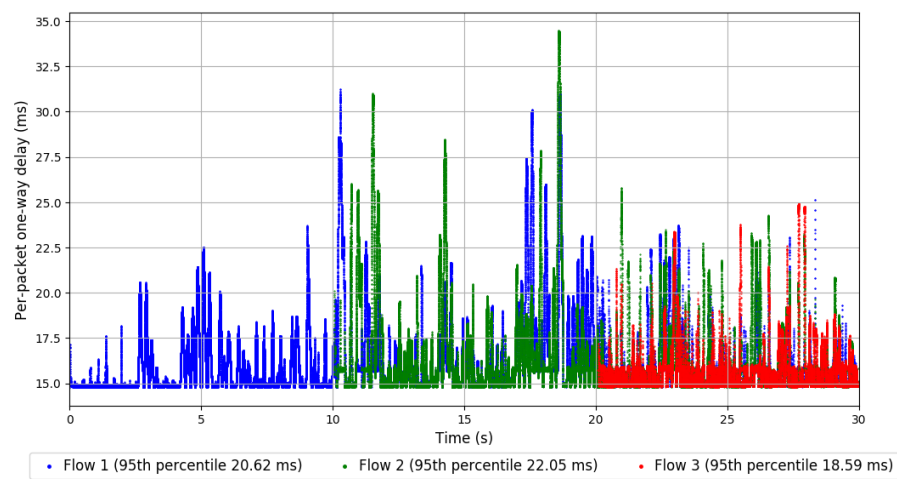
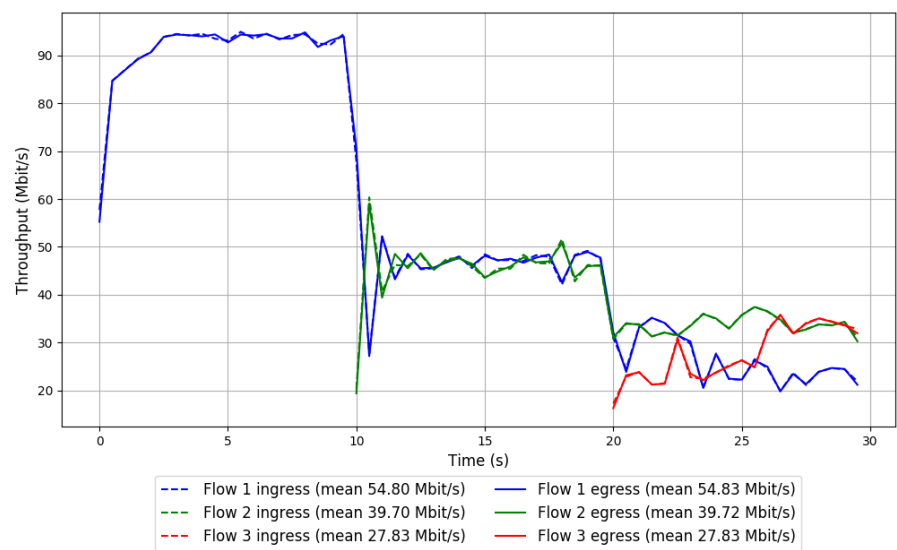


Run 6: Statistics of Copa

Start at: 2018-03-06 13:39:19
End at: 2018-03-06 13:39:49
Local clock offset: 2.397 ms
Remote clock offset: -0.791 ms

```
# Below is generated by plot.py at 2018-03-06 19:13:52
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.44 Mbit/s
95th percentile per-packet one-way delay: 20.985 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 54.83 Mbit/s
95th percentile per-packet one-way delay: 20.622 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 39.72 Mbit/s
95th percentile per-packet one-way delay: 22.046 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 27.83 Mbit/s
95th percentile per-packet one-way delay: 18.591 ms
Loss rate: 0.34%
```

Run 6: Report of Copa — Data Link

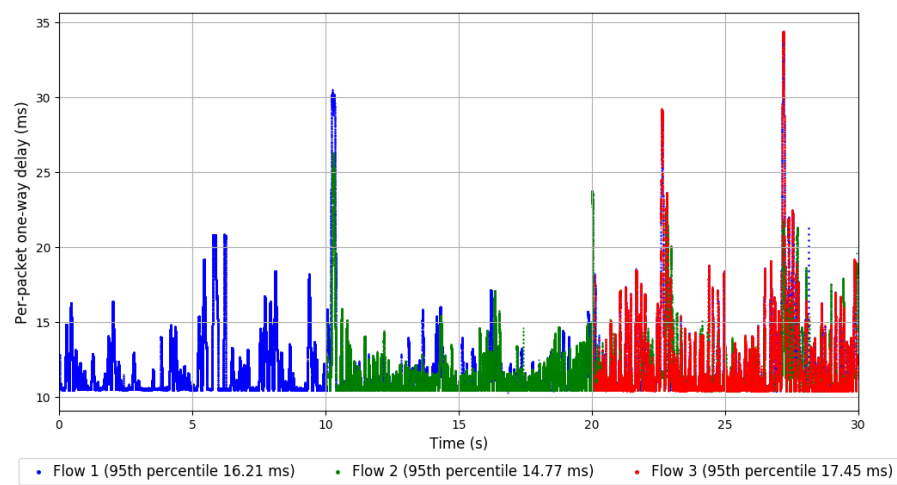
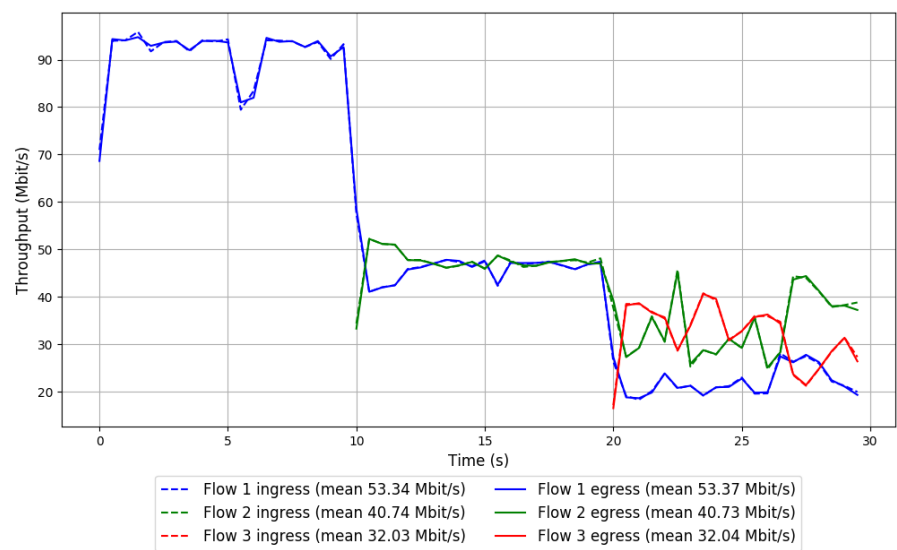


Run 7: Statistics of Copa

Start at: 2018-03-06 14:00:50
End at: 2018-03-06 14:01:20
Local clock offset: 1.446 ms
Remote clock offset: -0.614 ms

Below is generated by plot.py at 2018-03-06 19:14:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.08 Mbit/s
95th percentile per-packet one-way delay: 16.077 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 53.37 Mbit/s
95th percentile per-packet one-way delay: 16.214 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 40.73 Mbit/s
95th percentile per-packet one-way delay: 14.769 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 32.04 Mbit/s
95th percentile per-packet one-way delay: 17.453 ms
Loss rate: 0.24%

Run 7: Report of Copa — Data Link

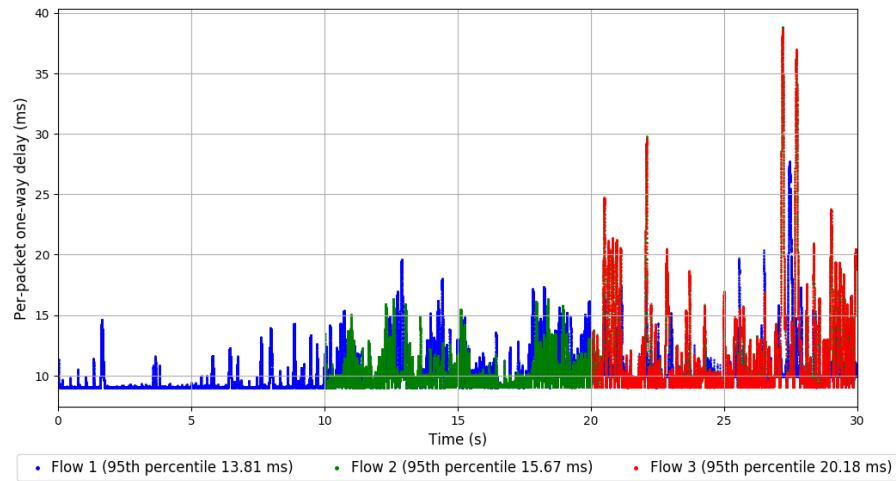
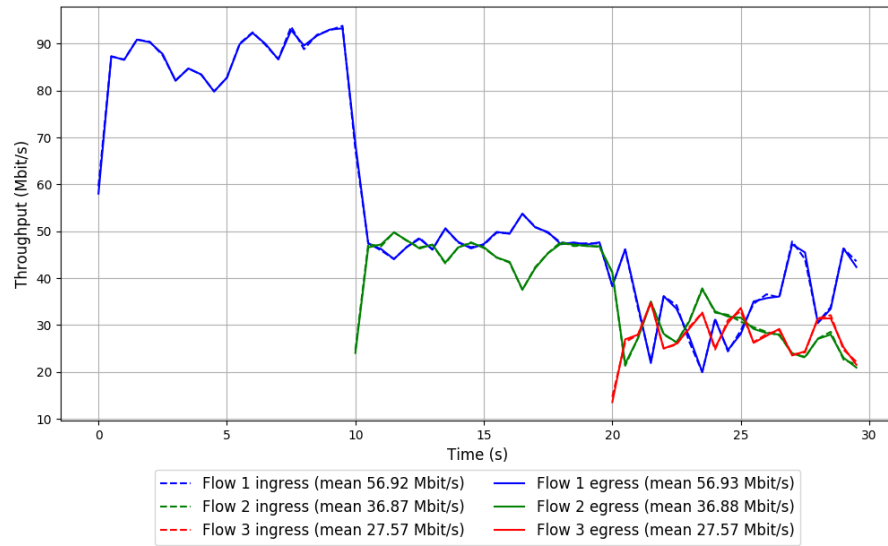


Run 8: Statistics of Copa

Start at: 2018-03-06 14:22:17
End at: 2018-03-06 14:22:47
Local clock offset: 1.531 ms
Remote clock offset: -1.595 ms

Below is generated by plot.py at 2018-03-06 19:14:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.60 Mbit/s
95th percentile per-packet one-way delay: 14.836 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 56.93 Mbit/s
95th percentile per-packet one-way delay: 13.811 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 36.88 Mbit/s
95th percentile per-packet one-way delay: 15.672 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 27.57 Mbit/s
95th percentile per-packet one-way delay: 20.181 ms
Loss rate: 0.25%

Run 8: Report of Copa — Data Link



Run 9: Statistics of Copa

Start at: 2018-03-06 14:43:40

End at: 2018-03-06 14:44:10

Local clock offset: 0.653 ms

Remote clock offset: -3.46 ms

Below is generated by plot.py at 2018-03-06 19:15:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.40 Mbit/s

95th percentile per-packet one-way delay: 14.343 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 57.31 Mbit/s

95th percentile per-packet one-way delay: 13.311 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 37.55 Mbit/s

95th percentile per-packet one-way delay: 15.140 ms

Loss rate: 0.08%

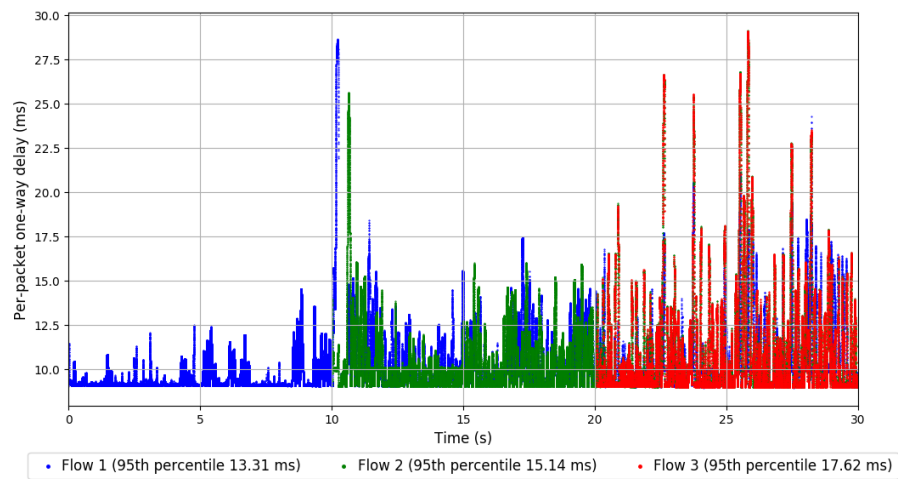
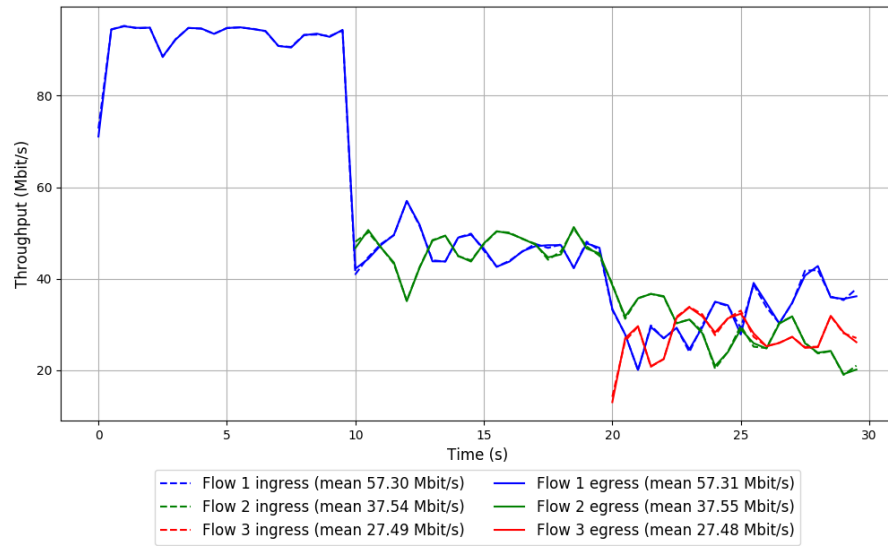
-- Flow 3:

Average throughput: 27.48 Mbit/s

95th percentile per-packet one-way delay: 17.620 ms

Loss rate: 0.27%

Run 9: Report of Copa — Data Link

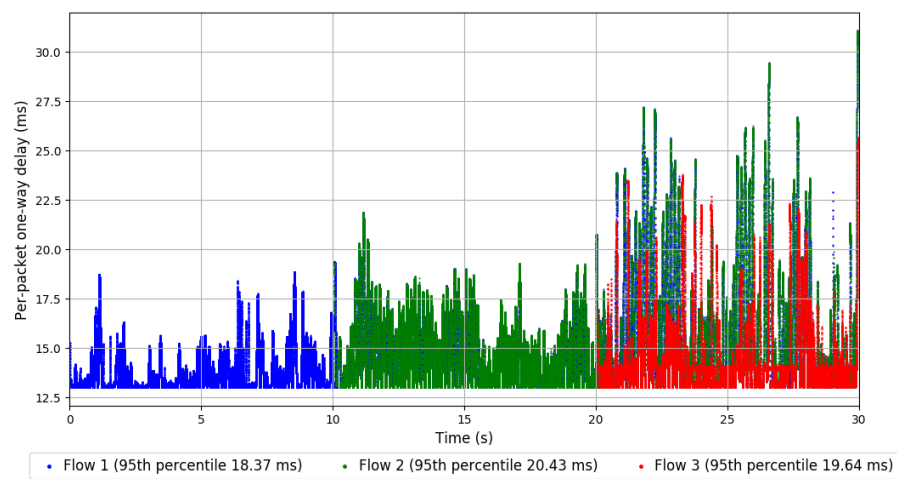
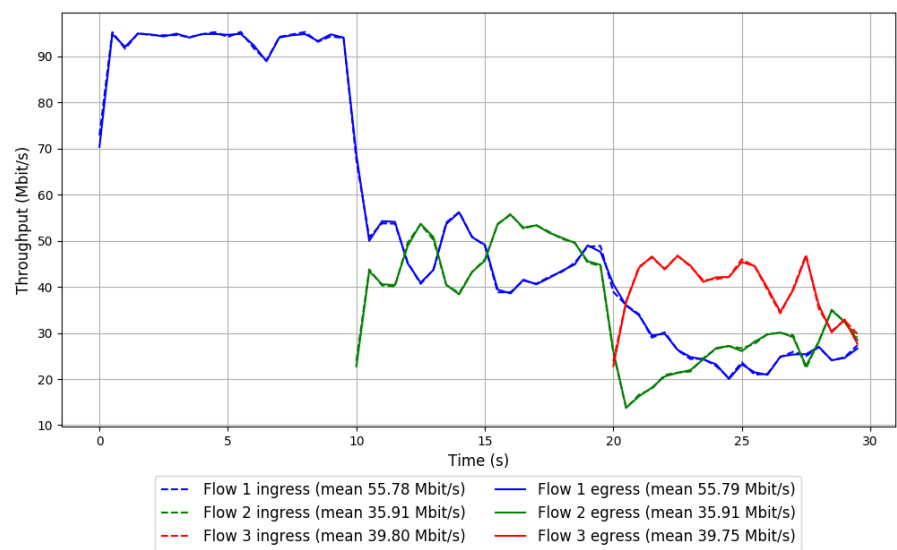


Run 10: Statistics of Copa

Start at: 2018-03-06 15:04:49
End at: 2018-03-06 15:05:19
Local clock offset: 5.038 ms
Remote clock offset: -5.109 ms

```
# Below is generated by plot.py at 2018-03-06 19:15:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 92.85 Mbit/s
95th percentile per-packet one-way delay: 19.016 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 55.79 Mbit/s
95th percentile per-packet one-way delay: 18.371 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 35.91 Mbit/s
95th percentile per-packet one-way delay: 20.425 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 39.75 Mbit/s
95th percentile per-packet one-way delay: 19.640 ms
Loss rate: 0.38%
```

Run 10: Report of Copa — Data Link

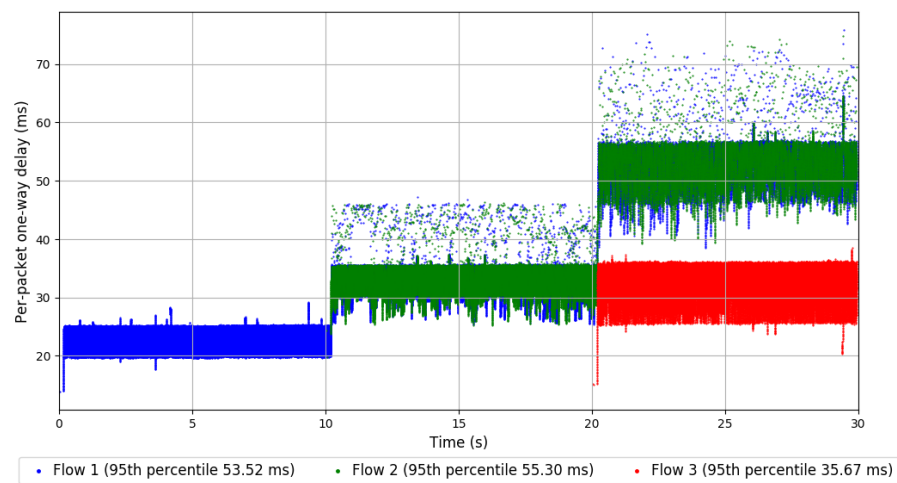
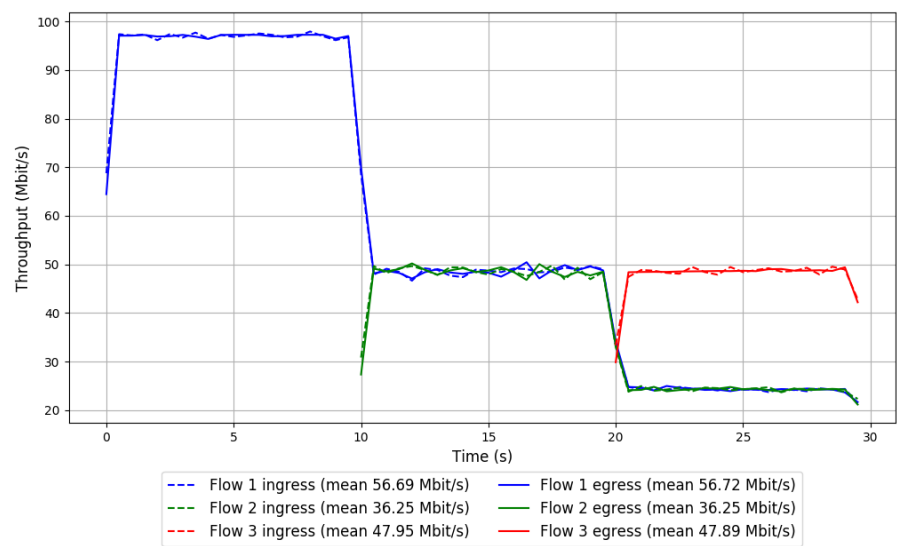


Run 1: Statistics of FillP

Start at: 2018-03-06 11:47:06
End at: 2018-03-06 11:47:36
Local clock offset: 4.544 ms
Remote clock offset: -5.645 ms

Below is generated by plot.py at 2018-03-06 19:15:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.65 Mbit/s
95th percentile per-packet one-way delay: 53.954 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 56.72 Mbit/s
95th percentile per-packet one-way delay: 53.518 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 36.25 Mbit/s
95th percentile per-packet one-way delay: 55.299 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 47.89 Mbit/s
95th percentile per-packet one-way delay: 35.667 ms
Loss rate: 0.37%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-03-06 12:08:16

End at: 2018-03-06 12:08:46

Local clock offset: 1.739 ms

Remote clock offset: 4.14 ms

Below is generated by plot.py at 2018-03-06 19:15:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.69 Mbit/s

95th percentile per-packet one-way delay: 42.271 ms

Loss rate: 2.10%

-- Flow 1:

Average throughput: 59.33 Mbit/s

95th percentile per-packet one-way delay: 41.098 ms

Loss rate: 1.63%

-- Flow 2:

Average throughput: 40.25 Mbit/s

95th percentile per-packet one-way delay: 42.438 ms

Loss rate: 3.59%

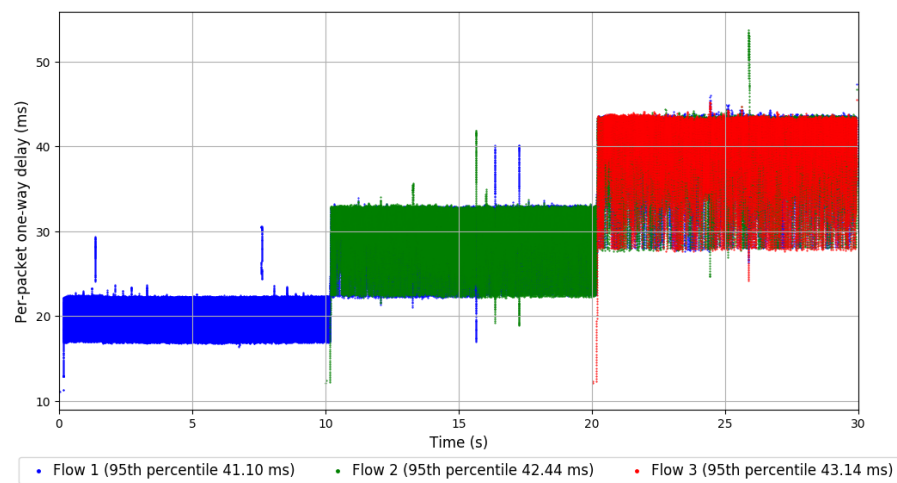
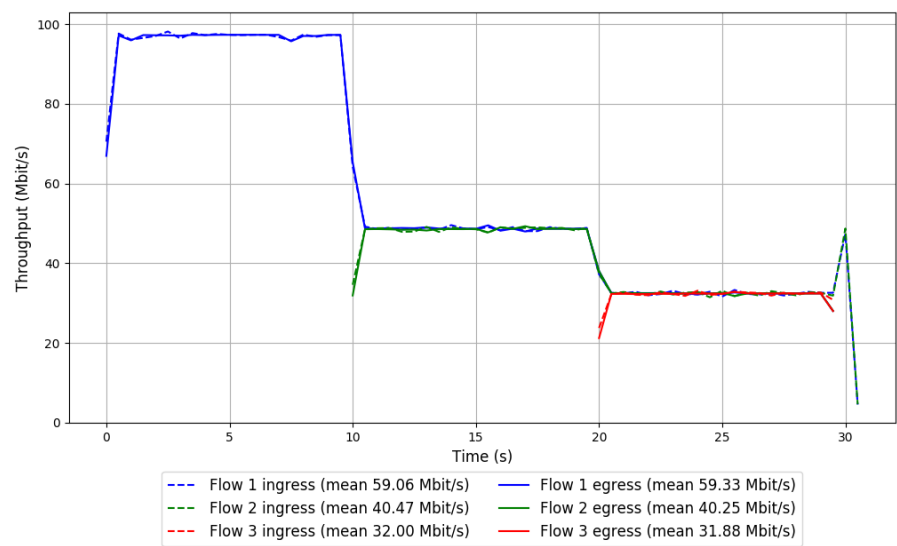
-- Flow 3:

Average throughput: 31.88 Mbit/s

95th percentile per-packet one-way delay: 43.137 ms

Loss rate: 0.86%

Run 2: Report of FillP — Data Link



Run 3: Statistics of FillP

Start at: 2018-03-06 12:29:31

End at: 2018-03-06 12:30:01

Local clock offset: 2.1 ms

Remote clock offset: 6.229 ms

Below is generated by plot.py at 2018-03-06 19:15:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.80 Mbit/s

95th percentile per-packet one-way delay: 42.409 ms

Loss rate: 2.11%

-- Flow 1:

Average throughput: 59.43 Mbit/s

95th percentile per-packet one-way delay: 41.258 ms

Loss rate: 0.13%

-- Flow 2:

Average throughput: 40.33 Mbit/s

95th percentile per-packet one-way delay: 42.531 ms

Loss rate: 3.58%

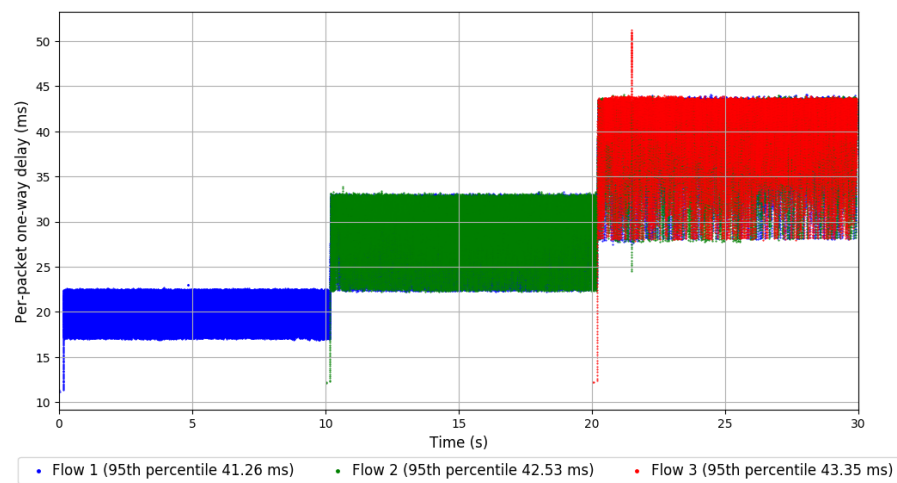
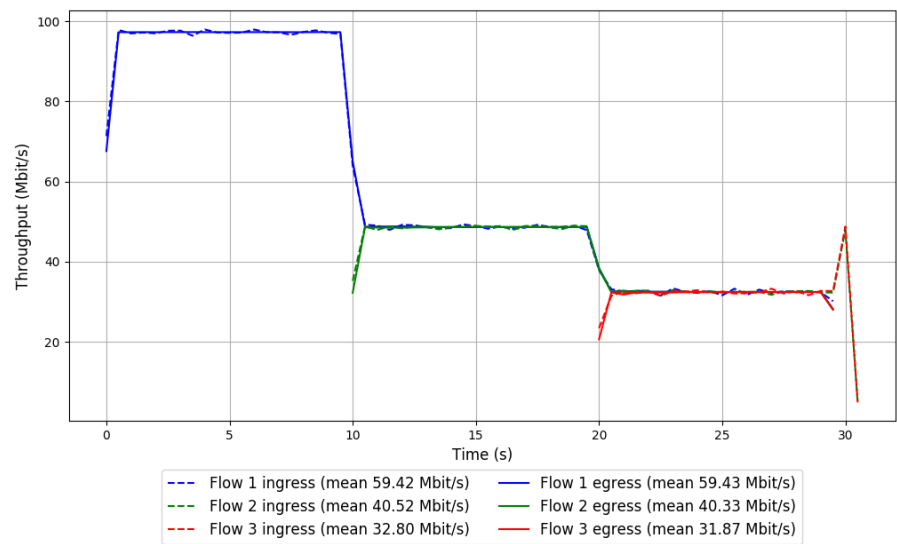
-- Flow 3:

Average throughput: 31.87 Mbit/s

95th percentile per-packet one-way delay: 43.347 ms

Loss rate: 8.72%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-03-06 12:50:53

End at: 2018-03-06 12:51:23

Local clock offset: 1.767 ms

Remote clock offset: 7.935 ms

Below is generated by plot.py at 2018-03-06 19:15:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.76 Mbit/s

95th percentile per-packet one-way delay: 51.924 ms

Loss rate: 1.24%

-- Flow 1:

Average throughput: 64.68 Mbit/s

95th percentile per-packet one-way delay: 32.825 ms

Loss rate: 0.19%

-- Flow 2:

Average throughput: 36.38 Mbit/s

95th percentile per-packet one-way delay: 53.188 ms

Loss rate: 2.25%

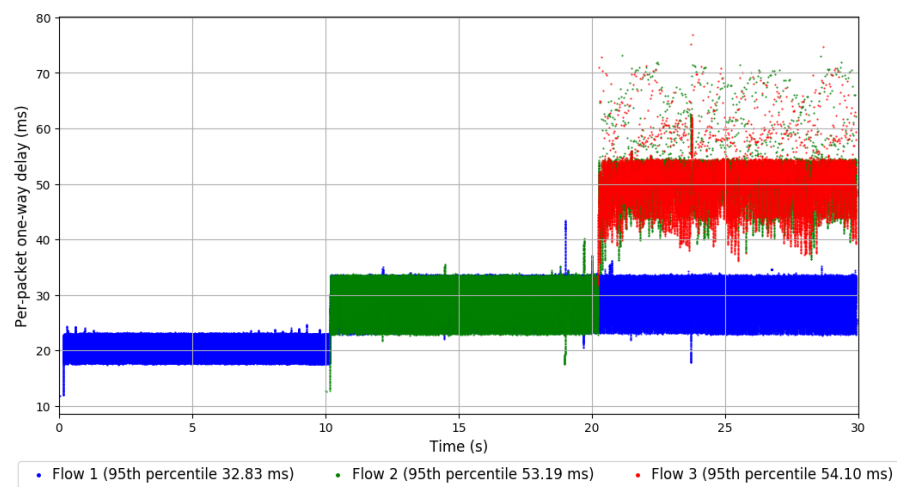
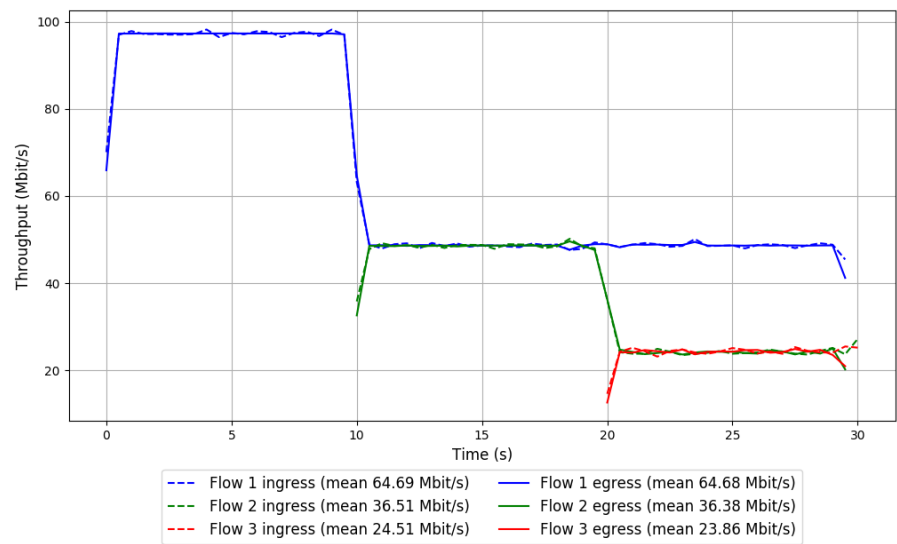
-- Flow 3:

Average throughput: 23.86 Mbit/s

95th percentile per-packet one-way delay: 54.097 ms

Loss rate: 6.41%

Run 4: Report of FillP — Data Link



Run 5: Statistics of FillP

Start at: 2018-03-06 13:12:08

End at: 2018-03-06 13:12:38

Local clock offset: 2.272 ms

Remote clock offset: 0.921 ms

Below is generated by plot.py at 2018-03-06 19:16:10

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.80 Mbit/s

95th percentile per-packet one-way delay: 49.430 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 64.70 Mbit/s

95th percentile per-packet one-way delay: 30.279 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 36.47 Mbit/s

95th percentile per-packet one-way delay: 50.480 ms

Loss rate: 0.25%

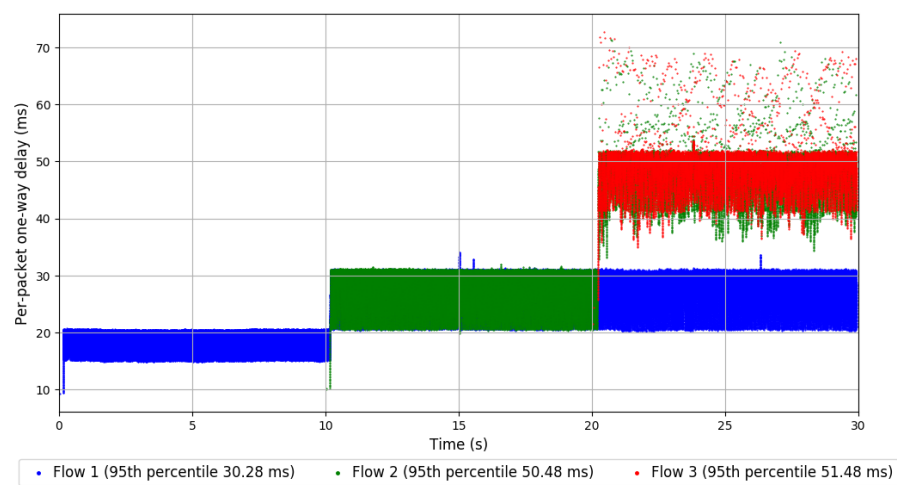
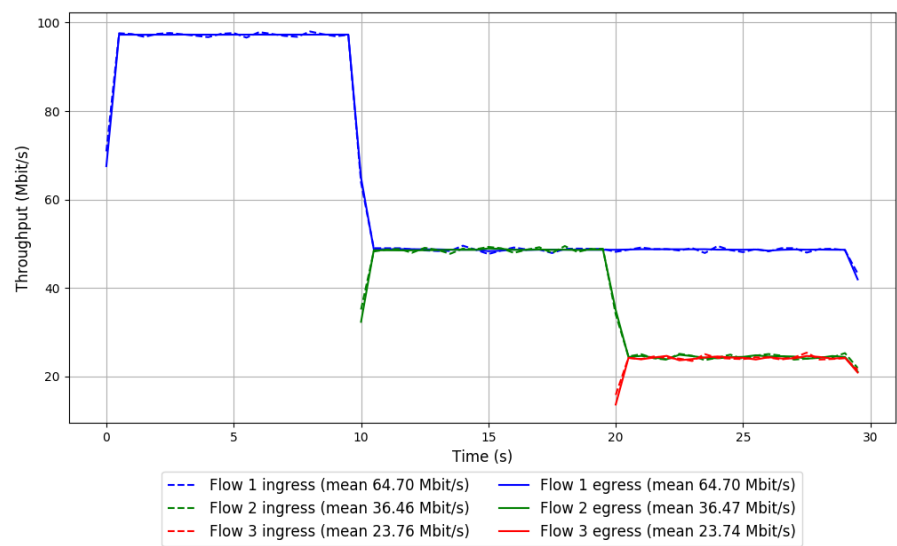
-- Flow 3:

Average throughput: 23.74 Mbit/s

95th percentile per-packet one-way delay: 51.479 ms

Loss rate: 0.60%

Run 5: Report of FillP — Data Link

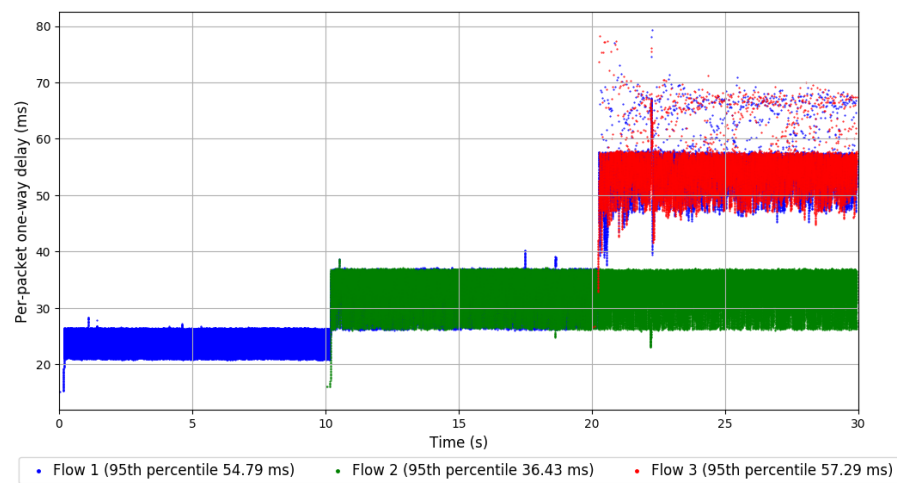
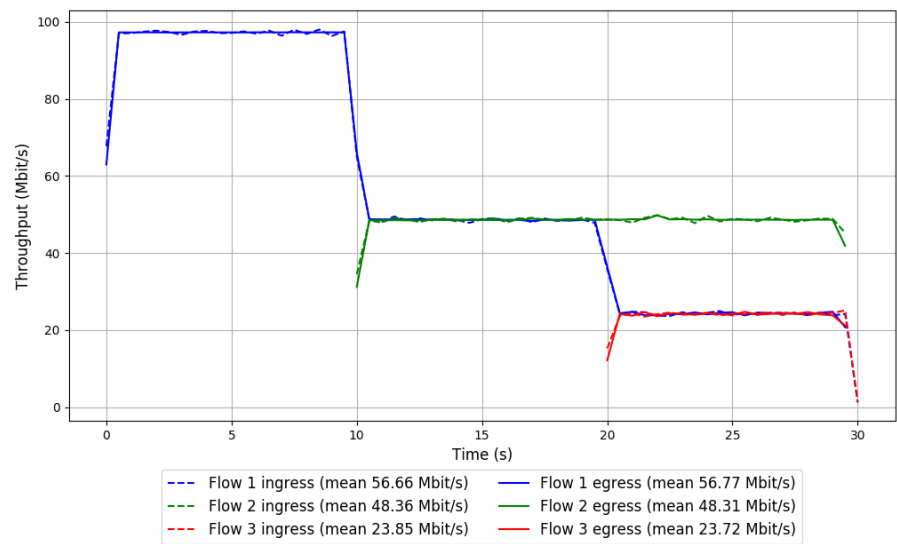


Run 6: Statistics of FillP

Start at: 2018-03-06 13:33:30
End at: 2018-03-06 13:34:00
Local clock offset: 3.077 ms
Remote clock offset: -0.782 ms

Below is generated by plot.py at 2018-03-06 19:16:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.73 Mbit/s
95th percentile per-packet one-way delay: 55.197 ms
Loss rate: 0.38%
-- Flow 1:
Average throughput: 56.77 Mbit/s
95th percentile per-packet one-way delay: 54.791 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 48.31 Mbit/s
95th percentile per-packet one-way delay: 36.432 ms
Loss rate: 0.36%
-- Flow 3:
Average throughput: 23.72 Mbit/s
95th percentile per-packet one-way delay: 57.292 ms
Loss rate: 1.72%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-03-06 13:55:00

End at: 2018-03-06 13:55:30

Local clock offset: 4.328 ms

Remote clock offset: 0.624 ms

Below is generated by plot.py at 2018-03-06 19:17:01

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.72 Mbit/s

95th percentile per-packet one-way delay: 41.457 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 62.34 Mbit/s

95th percentile per-packet one-way delay: 37.449 ms

Loss rate: 0.09%

-- Flow 2:

Average throughput: 44.75 Mbit/s

95th percentile per-packet one-way delay: 41.698 ms

Loss rate: 0.20%

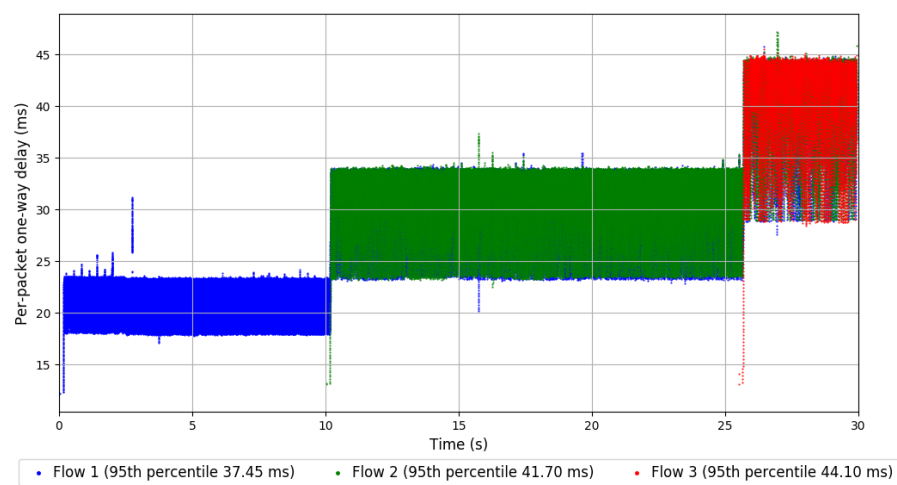
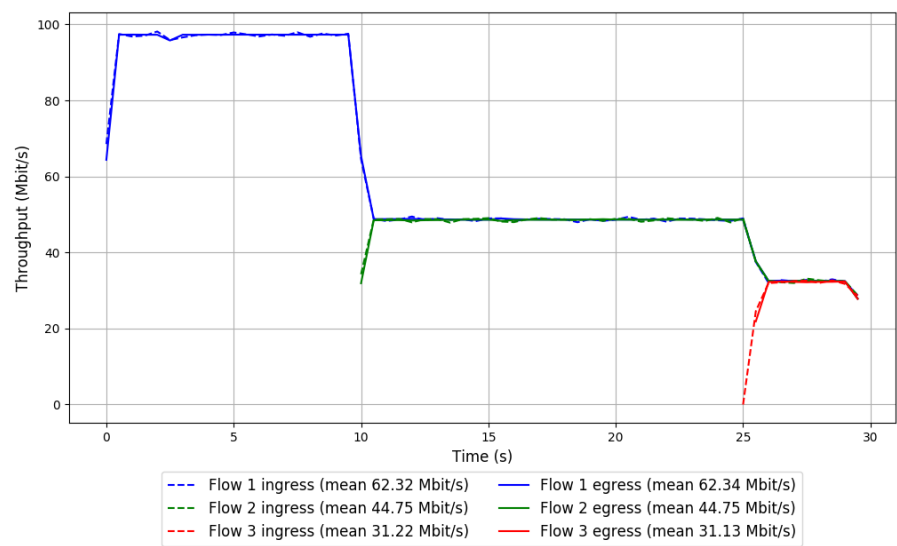
-- Flow 3:

Average throughput: 31.13 Mbit/s

95th percentile per-packet one-way delay: 44.096 ms

Loss rate: 1.09%

Run 7: Report of FillP — Data Link

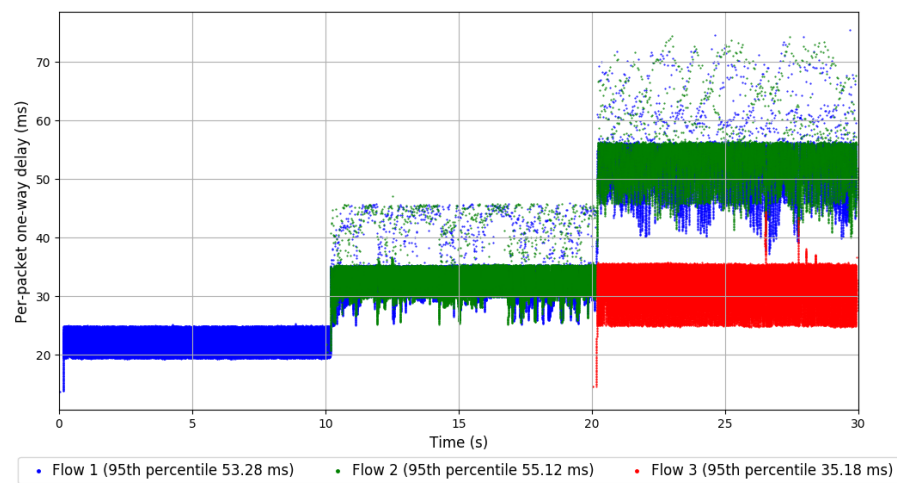
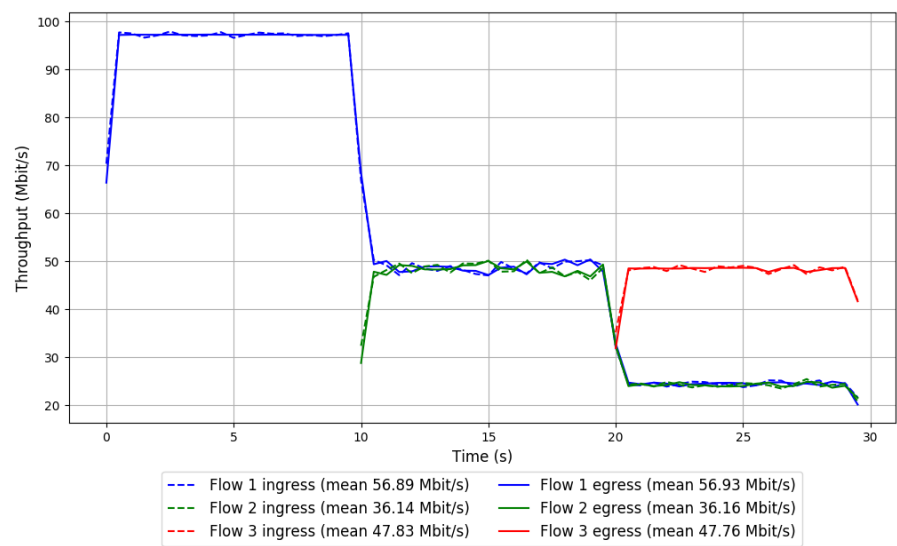


Run 8: Statistics of FillP

Start at: 2018-03-06 14:16:27
End at: 2018-03-06 14:16:57
Local clock offset: 4.996 ms
Remote clock offset: -3.129 ms

Below is generated by plot.py at 2018-03-06 19:17:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.77 Mbit/s
95th percentile per-packet one-way delay: 53.895 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 56.93 Mbit/s
95th percentile per-packet one-way delay: 53.282 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 36.16 Mbit/s
95th percentile per-packet one-way delay: 55.125 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 47.76 Mbit/s
95th percentile per-packet one-way delay: 35.181 ms
Loss rate: 0.36%

Run 8: Report of FillP — Data Link



Run 9: Statistics of FillP

Start at: 2018-03-06 14:37:50

End at: 2018-03-06 14:38:20

Local clock offset: 4.165 ms

Remote clock offset: -3.028 ms

Run 9: Report of FillP — Data Link

Figure is missing

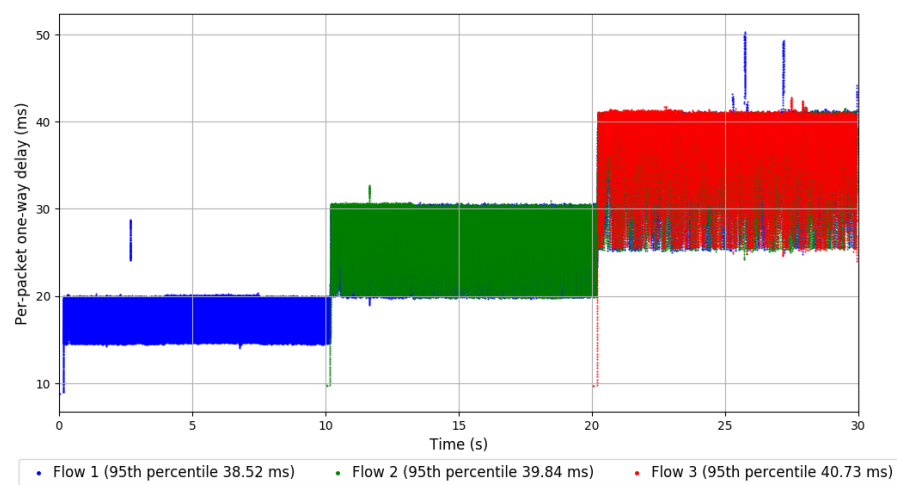
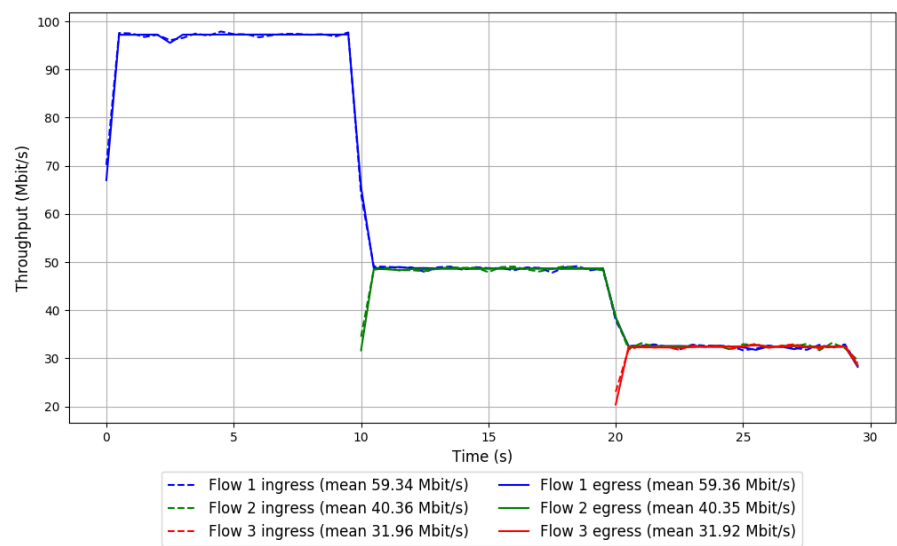
Figure is missing

Run 10: Statistics of FillP

Start at: 2018-03-06 14:59:05
End at: 2018-03-06 14:59:35
Local clock offset: 1.05 ms
Remote clock offset: -4.616 ms

Below is generated by plot.py at 2018-03-06 19:17:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 39.731 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 59.36 Mbit/s
95th percentile per-packet one-way delay: 38.518 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 40.35 Mbit/s
95th percentile per-packet one-way delay: 39.842 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.92 Mbit/s
95th percentile per-packet one-way delay: 40.729 ms
Loss rate: 0.50%

Run 10: Report of FillP — Data Link

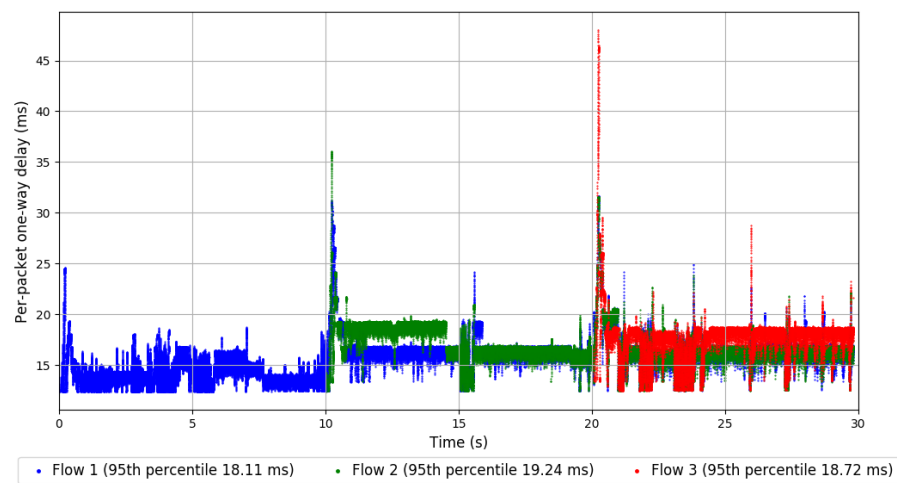
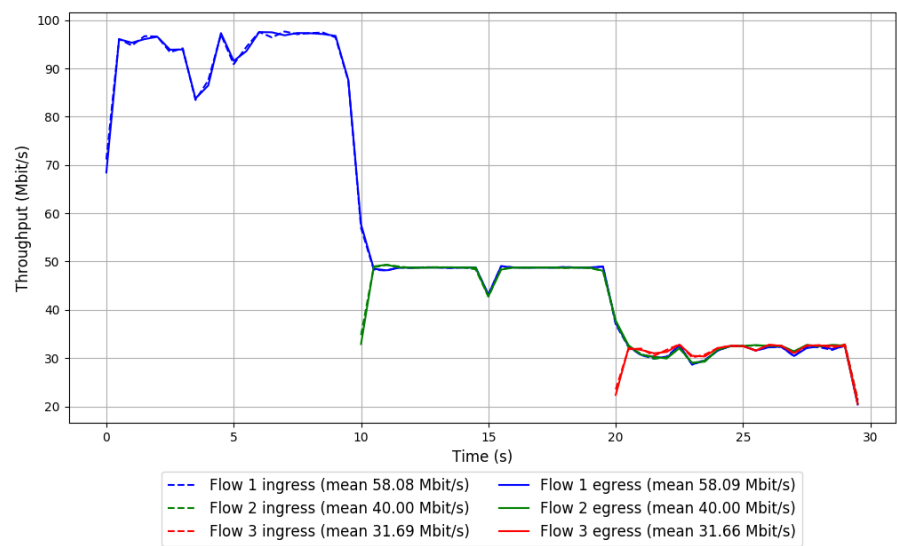


```
Run 1: Statistics of Indigo-1-32

Start at: 2018-03-06 12:02:25
End at: 2018-03-06 12:02:55
Local clock offset: 2.998 ms
Remote clock offset: 4.078 ms

# Below is generated by plot.py at 2018-03-06 19:17:11
# Datalink statistics
-- Total of 3 flows:
Average throughput: 94.99 Mbit/s
95th percentile per-packet one-way delay: 19.131 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 58.09 Mbit/s
95th percentile per-packet one-way delay: 18.108 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.00 Mbit/s
95th percentile per-packet one-way delay: 19.237 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 31.66 Mbit/s
95th percentile per-packet one-way delay: 18.719 ms
Loss rate: 0.33%
```

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



Run 2: Statistics of Indigo-1-32

Start at: 2018-03-06 12:23:38

End at: 2018-03-06 12:24:08

Local clock offset: 3.124 ms

Remote clock offset: 6.18 ms

Below is generated by plot.py at 2018-03-06 19:17:14

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.60 Mbit/s

95th percentile per-packet one-way delay: 17.989 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 59.13 Mbit/s

95th percentile per-packet one-way delay: 17.887 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 40.55 Mbit/s

95th percentile per-packet one-way delay: 18.050 ms

Loss rate: 0.12%

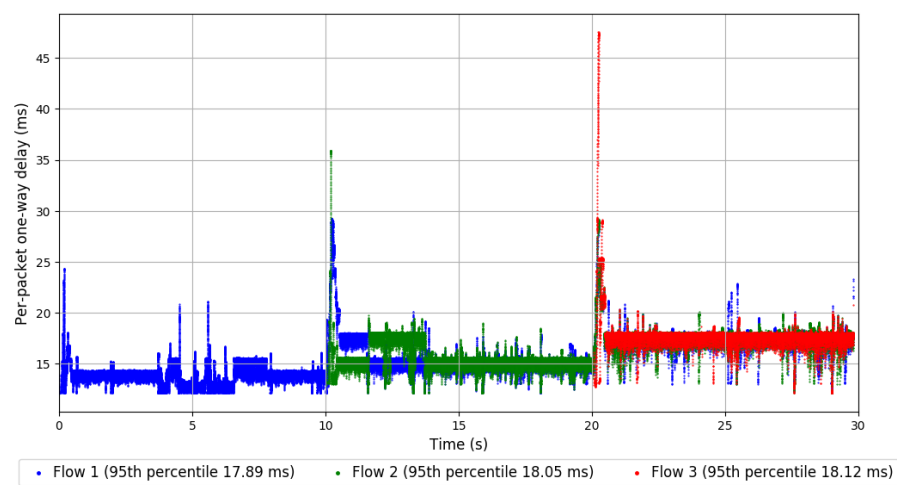
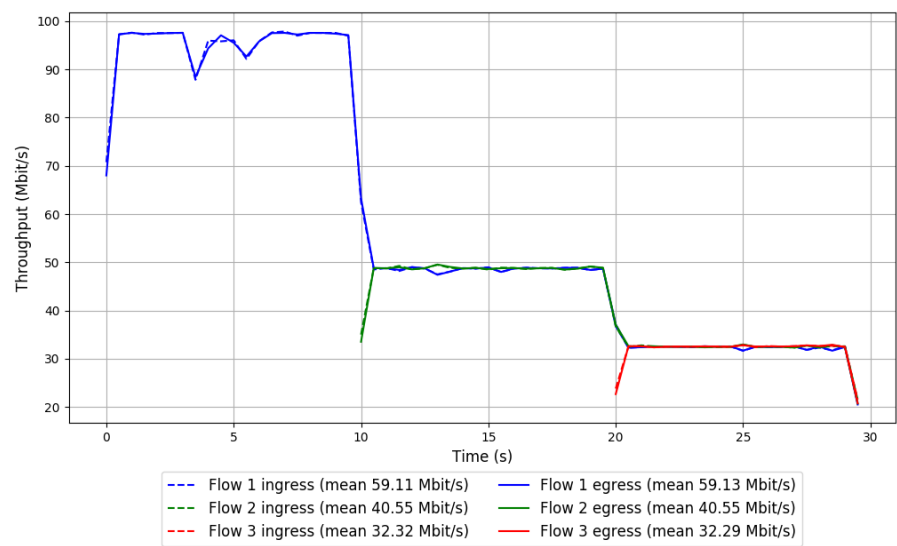
-- Flow 3:

Average throughput: 32.29 Mbit/s

95th percentile per-packet one-way delay: 18.117 ms

Loss rate: 0.29%

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



Run 3: Statistics of Indigo-1-32

Start at: 2018-03-06 12:45:00

End at: 2018-03-06 12:45:30

Local clock offset: 1.603 ms

Remote clock offset: 6.917 ms

Below is generated by plot.py at 2018-03-06 19:17:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.02 Mbit/s

95th percentile per-packet one-way delay: 20.598 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 55.37 Mbit/s

95th percentile per-packet one-way delay: 20.474 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 41.24 Mbit/s

95th percentile per-packet one-way delay: 20.645 ms

Loss rate: 0.11%

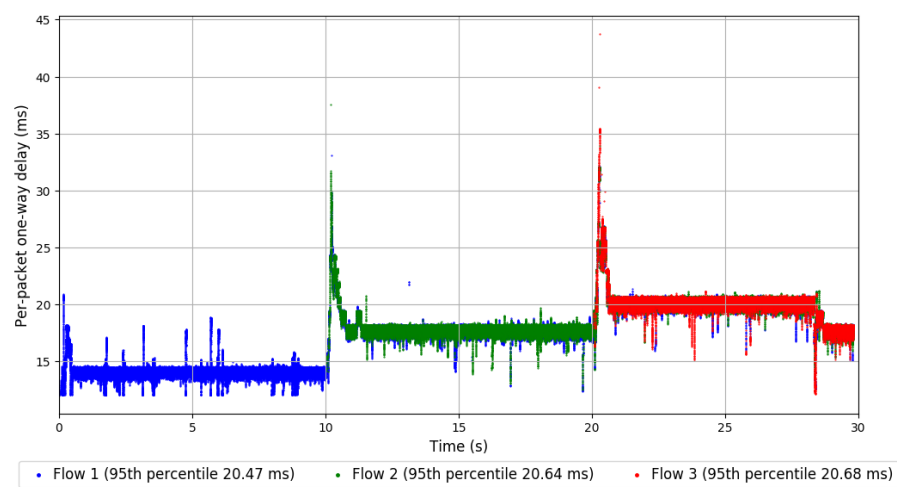
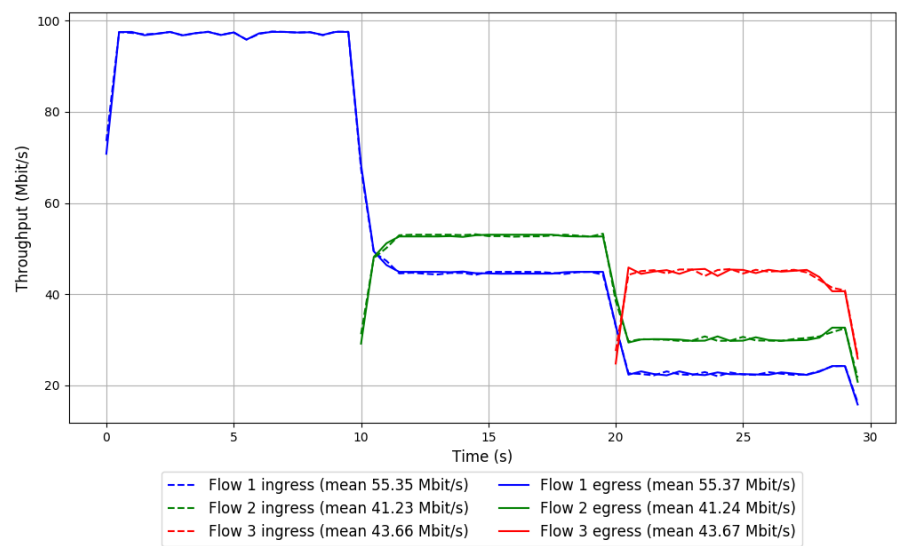
-- Flow 3:

Average throughput: 43.67 Mbit/s

95th percentile per-packet one-way delay: 20.682 ms

Loss rate: 0.28%

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



Run 4: Statistics of Indigo-1-32

Start at: 2018-03-06 13:06:17

End at: 2018-03-06 13:06:47

Local clock offset: 3.711 ms

Remote clock offset: 0.16 ms

Below is generated by plot.py at 2018-03-06 19:17:38

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.66 Mbit/s

95th percentile per-packet one-way delay: 21.878 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 64.36 Mbit/s

95th percentile per-packet one-way delay: 19.379 ms

Loss rate: 0.07%

-- Flow 2:

Average throughput: 35.94 Mbit/s

95th percentile per-packet one-way delay: 21.993 ms

Loss rate: 0.10%

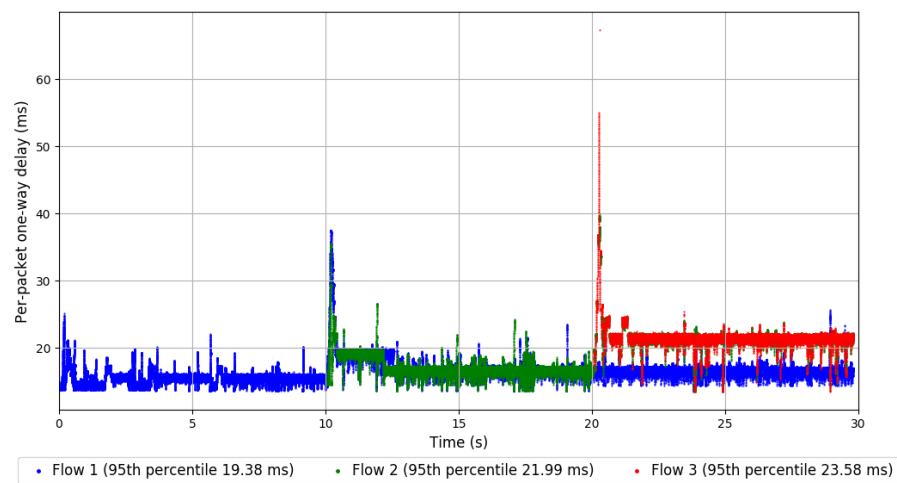
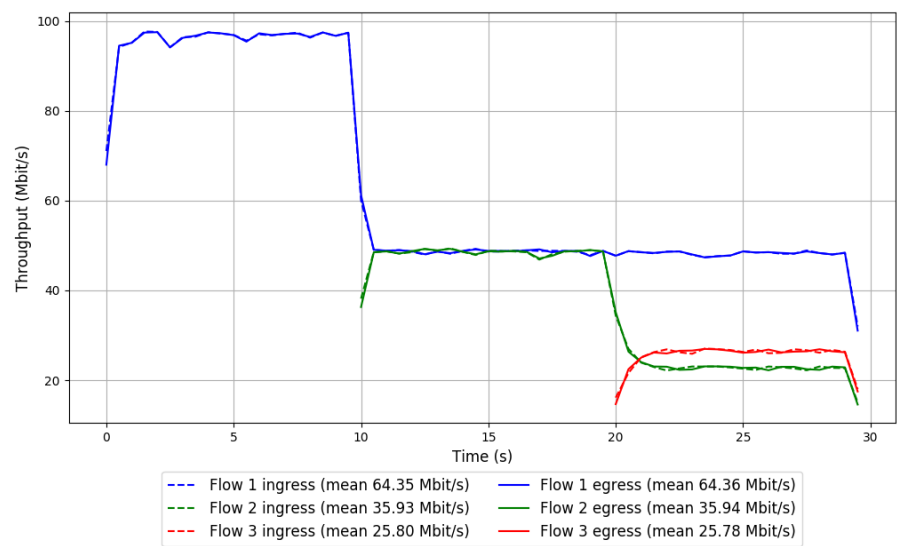
-- Flow 3:

Average throughput: 25.78 Mbit/s

95th percentile per-packet one-way delay: 23.584 ms

Loss rate: 0.33%

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

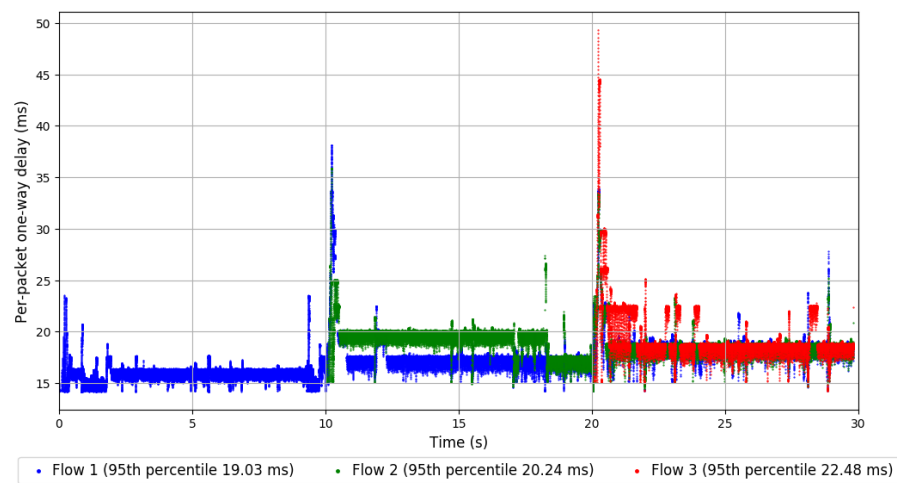
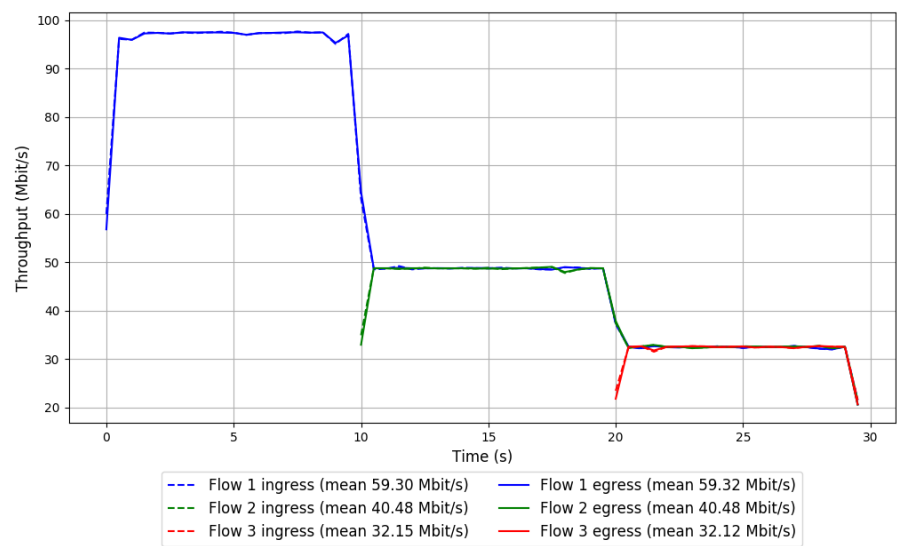


Run 5: Statistics of Indigo-1-32

Start at: 2018-03-06 13:27:34
End at: 2018-03-06 13:28:04
Local clock offset: 2.705 ms
Remote clock offset: -0.362 ms

Below is generated by plot.py at 2018-03-06 19:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.72 Mbit/s
95th percentile per-packet one-way delay: 20.180 ms
Loss rate: 0.11%
-- Flow 1:
Average throughput: 59.32 Mbit/s
95th percentile per-packet one-way delay: 19.031 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.48 Mbit/s
95th percentile per-packet one-way delay: 20.238 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 32.12 Mbit/s
95th percentile per-packet one-way delay: 22.481 ms
Loss rate: 0.34%

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



Run 6: Statistics of Indigo-1-32

Start at: 2018-03-06 13:49:05

End at: 2018-03-06 13:49:35

Local clock offset: 2.716 ms

Remote clock offset: 0.507 ms

Below is generated by plot.py at 2018-03-06 19:18:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.90 Mbit/s

95th percentile per-packet one-way delay: 17.559 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 56.10 Mbit/s

95th percentile per-packet one-way delay: 17.525 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 37.64 Mbit/s

95th percentile per-packet one-way delay: 17.643 ms

Loss rate: 0.11%

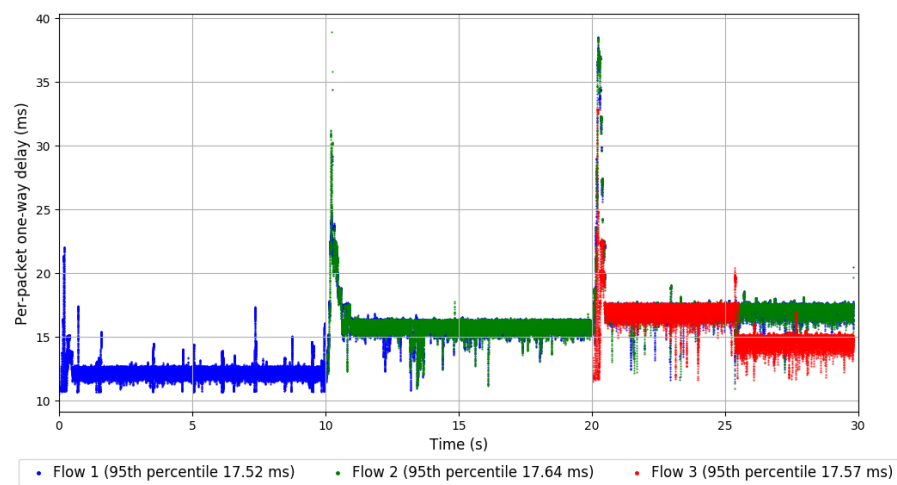
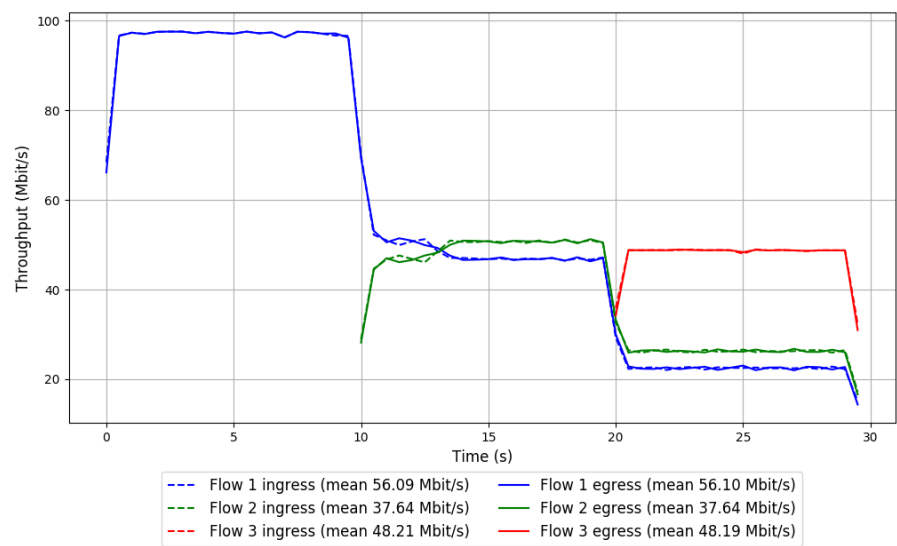
-- Flow 3:

Average throughput: 48.19 Mbit/s

95th percentile per-packet one-way delay: 17.570 ms

Loss rate: 0.30%

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

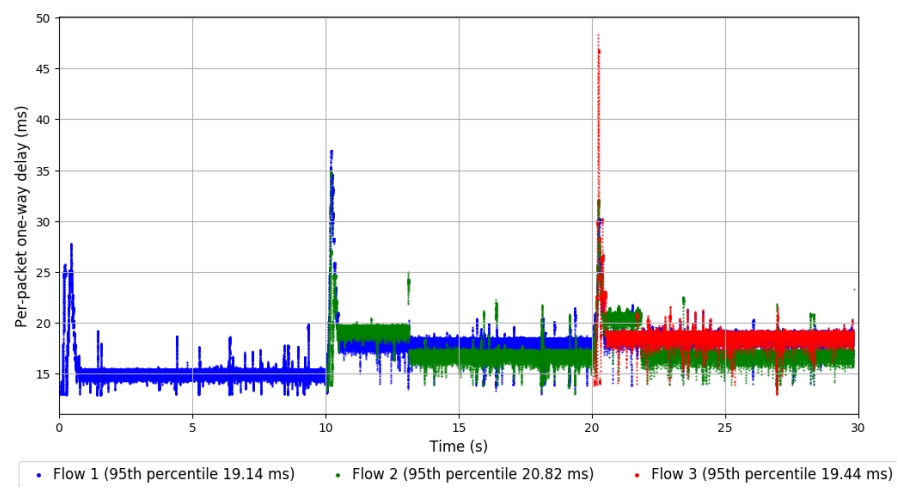
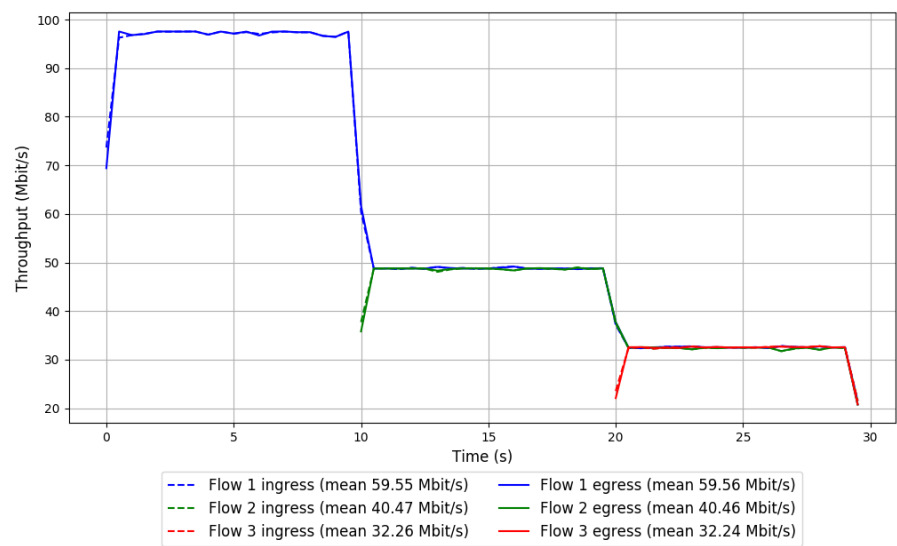


Run 7: Statistics of Indigo-1-32

Start at: 2018-03-06 14:10:31
End at: 2018-03-06 14:11:01
Local clock offset: 4.855 ms
Remote clock offset: -0.989 ms

Below is generated by plot.py at 2018-03-06 19:18:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.97 Mbit/s
95th percentile per-packet one-way delay: 19.890 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.56 Mbit/s
95th percentile per-packet one-way delay: 19.140 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.46 Mbit/s
95th percentile per-packet one-way delay: 20.818 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.24 Mbit/s
95th percentile per-packet one-way delay: 19.436 ms
Loss rate: 0.32%

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

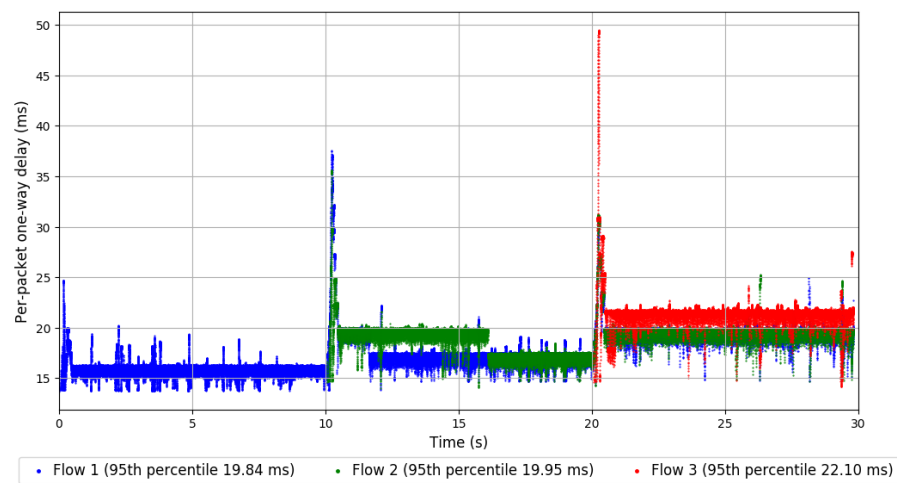
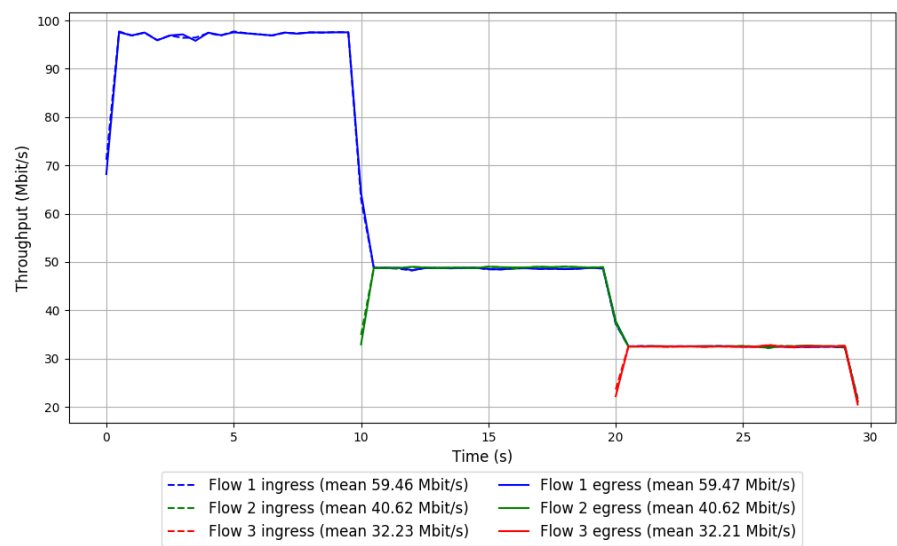


Run 8: Statistics of Indigo-1-32

Start at: 2018-03-06 14:31:59
End at: 2018-03-06 14:32:29
Local clock offset: 4.681 ms
Remote clock offset: -3.237 ms

Below is generated by plot.py at 2018-03-06 19:18:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.92 Mbit/s
95th percentile per-packet one-way delay: 21.600 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 59.47 Mbit/s
95th percentile per-packet one-way delay: 19.844 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 40.62 Mbit/s
95th percentile per-packet one-way delay: 19.951 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 32.21 Mbit/s
95th percentile per-packet one-way delay: 22.104 ms
Loss rate: 0.32%

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

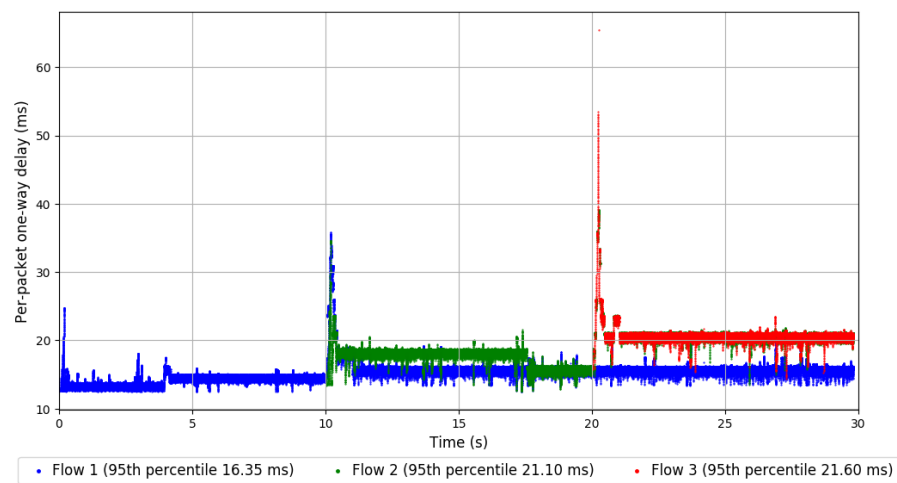
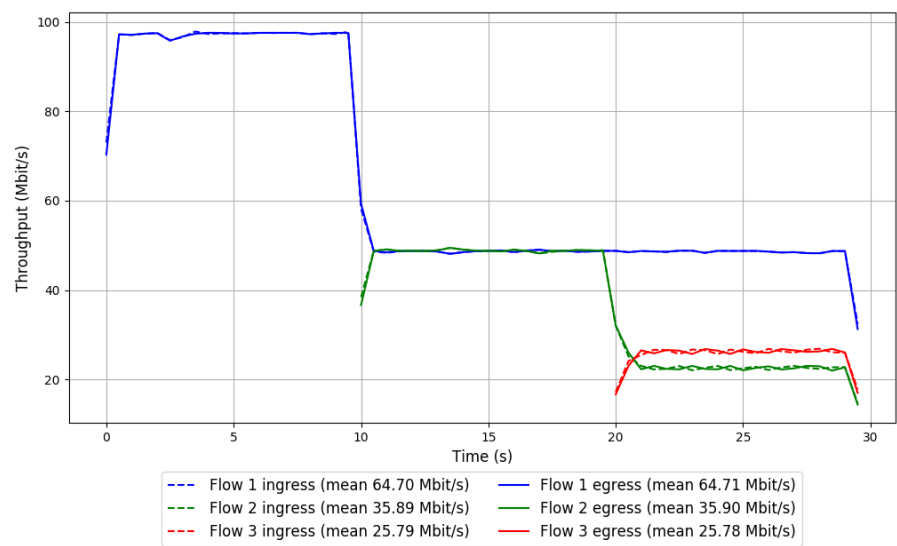


Run 9: Statistics of Indigo-1-32

Start at: 2018-03-06 14:53:12
End at: 2018-03-06 14:53:42
Local clock offset: 4.955 ms
Remote clock offset: -3.941 ms

Below is generated by plot.py at 2018-03-06 19:18:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.00 Mbit/s
95th percentile per-packet one-way delay: 20.993 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 64.71 Mbit/s
95th percentile per-packet one-way delay: 16.350 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 35.90 Mbit/s
95th percentile per-packet one-way delay: 21.103 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 25.78 Mbit/s
95th percentile per-packet one-way delay: 21.604 ms
Loss rate: 0.33%

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



Run 10: Statistics of Indigo-1-32

Start at: 2018-03-06 15:14:22

End at: 2018-03-06 15:14:52

Local clock offset: 4.649 ms

Remote clock offset: -0.2 ms

Below is generated by plot.py at 2018-03-06 19:18:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.04 Mbit/s

95th percentile per-packet one-way delay: 21.813 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 54.09 Mbit/s

95th percentile per-packet one-way delay: 21.748 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 41.06 Mbit/s

95th percentile per-packet one-way delay: 21.918 ms

Loss rate: 0.12%

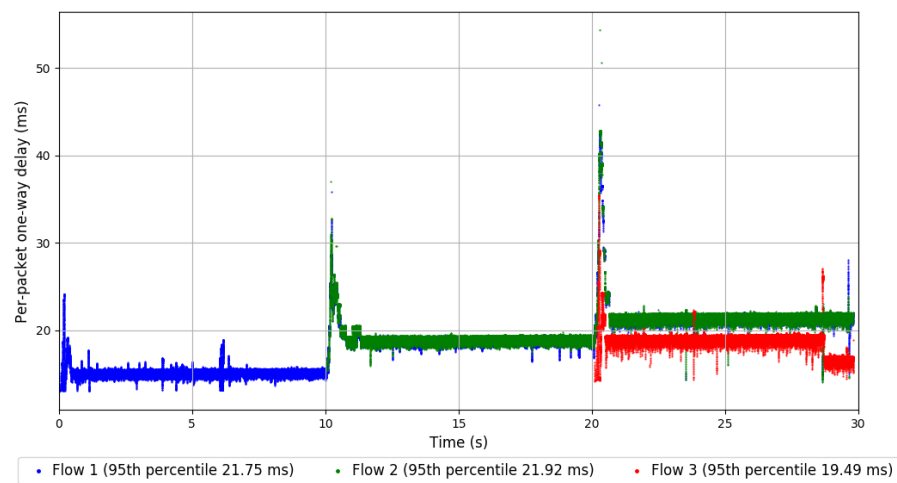
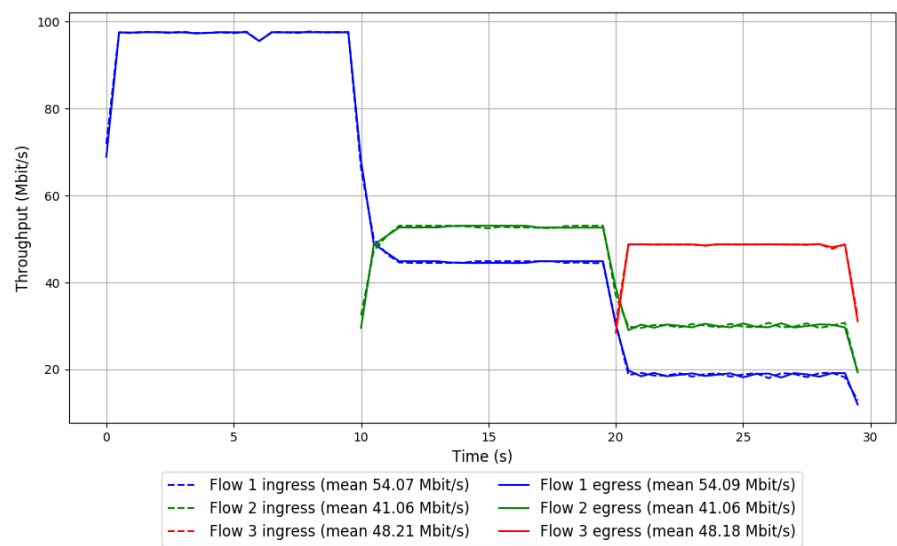
-- Flow 3:

Average throughput: 48.18 Mbit/s

95th percentile per-packet one-way delay: 19.489 ms

Loss rate: 0.28%

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



Run 1: Statistics of Vivace-latency

Start at: 2018-03-06 11:56:28

End at: 2018-03-06 11:56:58

Local clock offset: 3.982 ms

Remote clock offset: 1.132 ms

Below is generated by plot.py at 2018-03-06 19:18:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 74.54 Mbit/s

95th percentile per-packet one-way delay: 17.451 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 50.99 Mbit/s

95th percentile per-packet one-way delay: 19.668 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 30.60 Mbit/s

95th percentile per-packet one-way delay: 15.936 ms

Loss rate: 0.16%

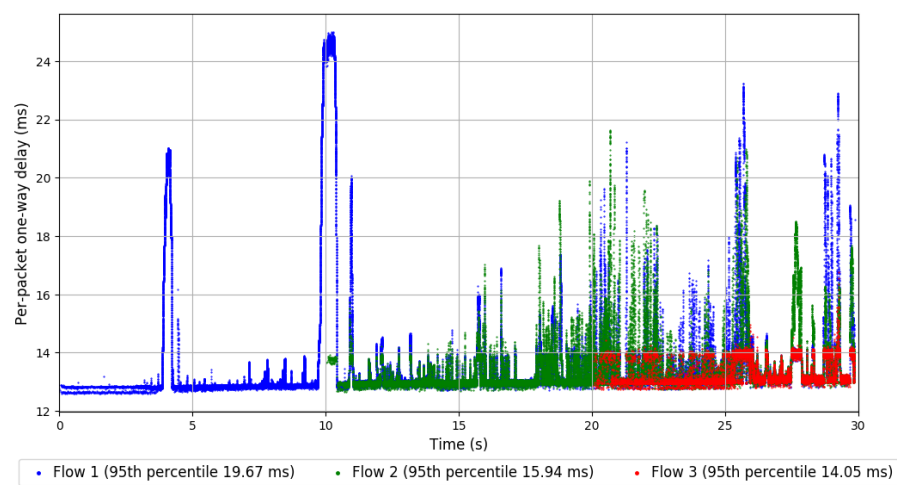
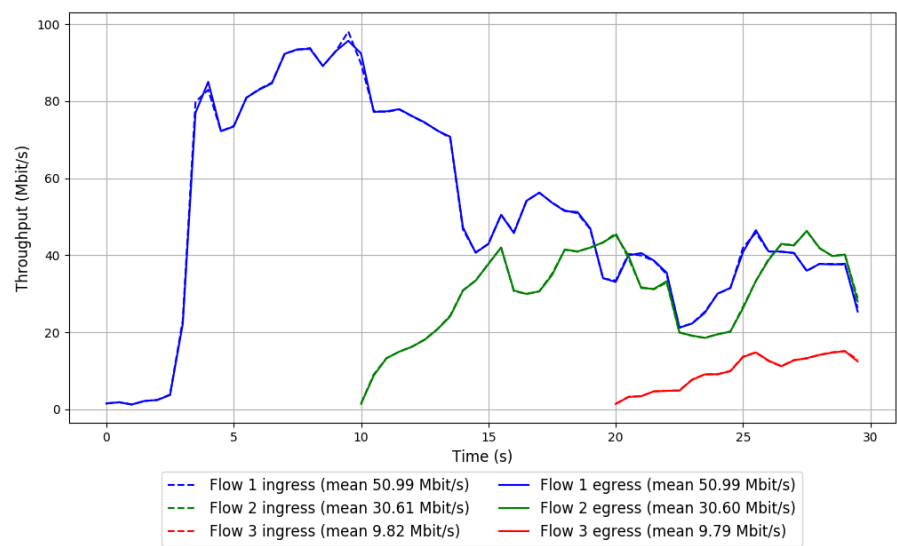
-- Flow 3:

Average throughput: 9.79 Mbit/s

95th percentile per-packet one-way delay: 14.055 ms

Loss rate: 0.49%

Run 1: Report of Vivace-latency — Data Link



Run 2: Statistics of Vivace-latency

Start at: 2018-03-06 12:17:37

End at: 2018-03-06 12:18:07

Local clock offset: 2.237 ms

Remote clock offset: 6.115 ms

Below is generated by plot.py at 2018-03-06 19:19:00

Datalink statistics

-- Total of 3 flows:

Average throughput: 82.68 Mbit/s

95th percentile per-packet one-way delay: 19.121 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 58.98 Mbit/s

95th percentile per-packet one-way delay: 15.397 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 21.82 Mbit/s

95th percentile per-packet one-way delay: 26.776 ms

Loss rate: 0.23%

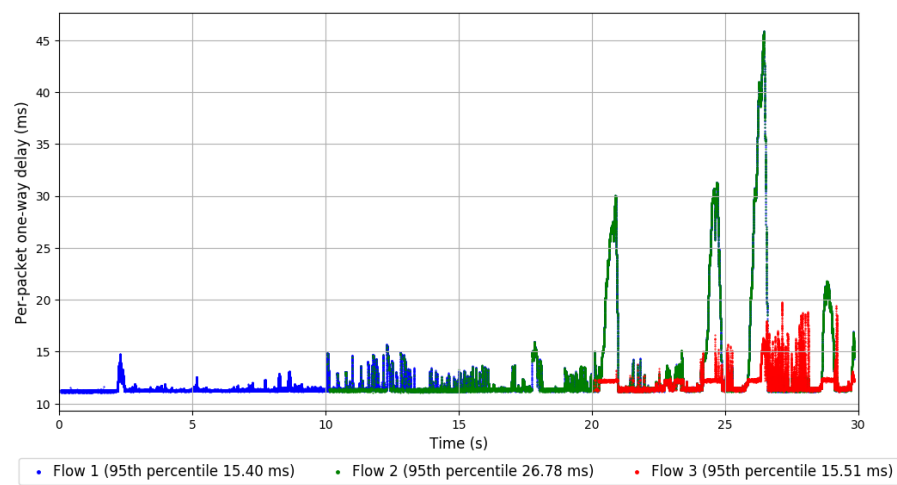
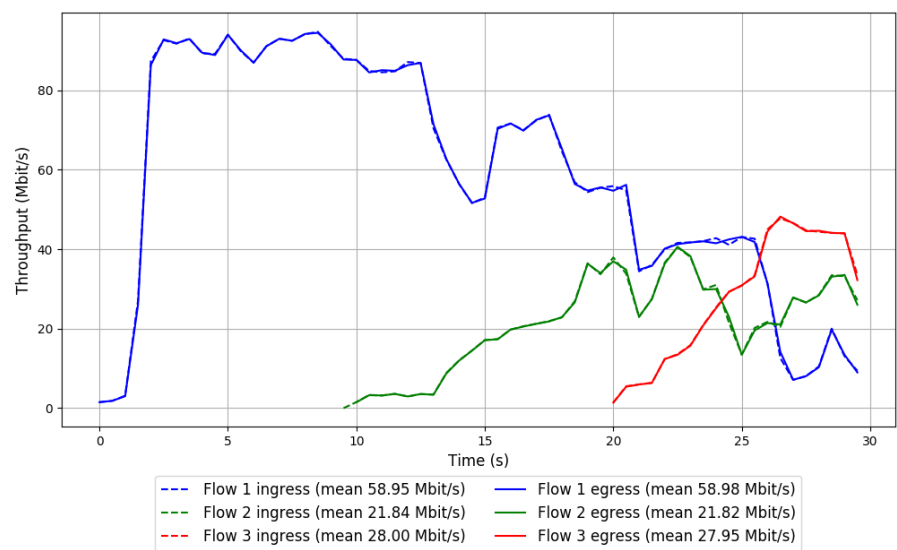
-- Flow 3:

Average throughput: 27.95 Mbit/s

95th percentile per-packet one-way delay: 15.513 ms

Loss rate: 0.42%

Run 2: Report of Vivace-latency — Data Link

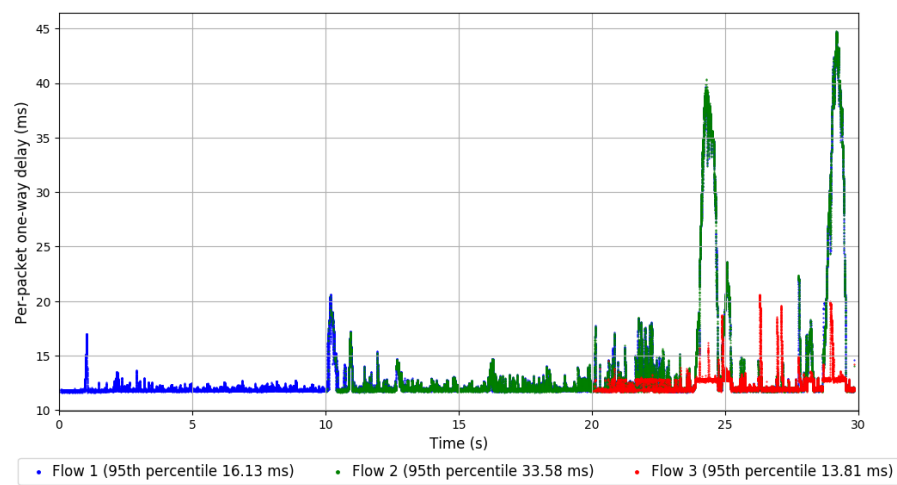
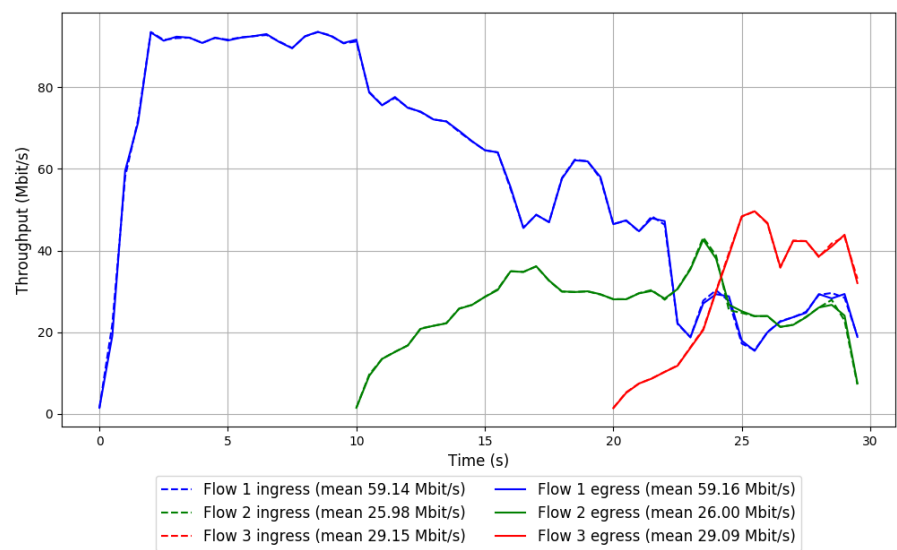


Run 3: Statistics of Vivace-latency

Start at: 2018-03-06 12:38:51
End at: 2018-03-06 12:39:21
Local clock offset: 0.589 ms
Remote clock offset: 5.444 ms

Below is generated by plot.py at 2018-03-06 19:19:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.02 Mbit/s
95th percentile per-packet one-way delay: 17.578 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 59.16 Mbit/s
95th percentile per-packet one-way delay: 16.126 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 26.00 Mbit/s
95th percentile per-packet one-way delay: 33.584 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 29.09 Mbit/s
95th percentile per-packet one-way delay: 13.811 ms
Loss rate: 0.39%

Run 3: Report of Vivace-latency — Data Link



Run 4: Statistics of Vivace-latency

Start at: 2018-03-06 13:00:19

End at: 2018-03-06 13:00:49

Local clock offset: -0.611 ms

Remote clock offset: 3.435 ms

Below is generated by plot.py at 2018-03-06 19:19:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.98 Mbit/s

95th percentile per-packet one-way delay: 18.316 ms

Loss rate: 0.07%

-- Flow 1:

Average throughput: 58.25 Mbit/s

95th percentile per-packet one-way delay: 15.675 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 31.71 Mbit/s

95th percentile per-packet one-way delay: 25.184 ms

Loss rate: 0.12%

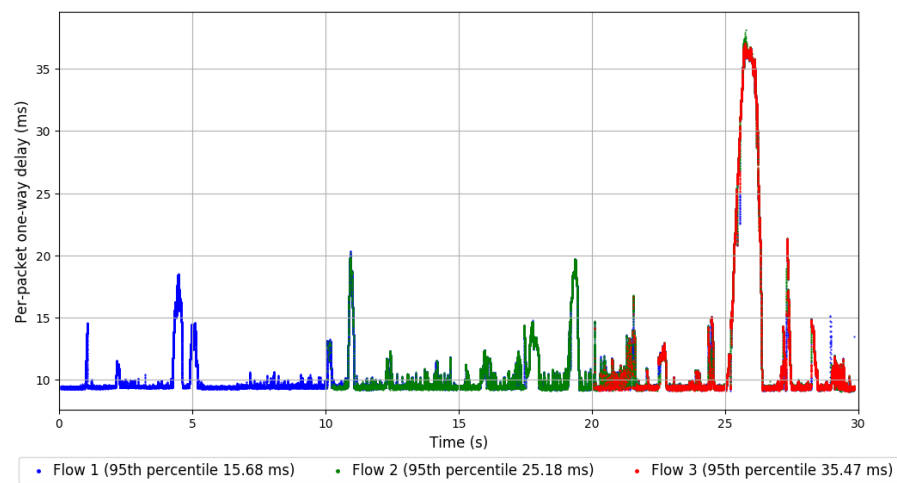
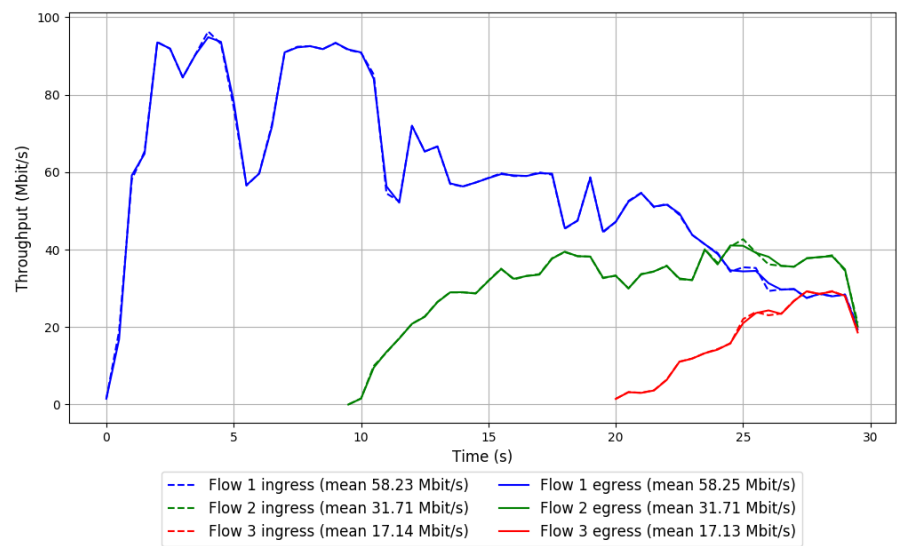
-- Flow 3:

Average throughput: 17.13 Mbit/s

95th percentile per-packet one-way delay: 35.469 ms

Loss rate: 0.30%

Run 4: Report of Vivace-latency — Data Link



Run 5: Statistics of Vivace-latency

Start at: 2018-03-06 13:21:30

End at: 2018-03-06 13:22:00

Local clock offset: 3.99 ms

Remote clock offset: 0.266 ms

Below is generated by plot.py at 2018-03-06 19:19:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.89 Mbit/s

95th percentile per-packet one-way delay: 25.244 ms

Loss rate: 0.12%

-- Flow 1:

Average throughput: 60.04 Mbit/s

95th percentile per-packet one-way delay: 32.562 ms

Loss rate: 0.05%

-- Flow 2:

Average throughput: 27.91 Mbit/s

95th percentile per-packet one-way delay: 20.844 ms

Loss rate: 0.16%

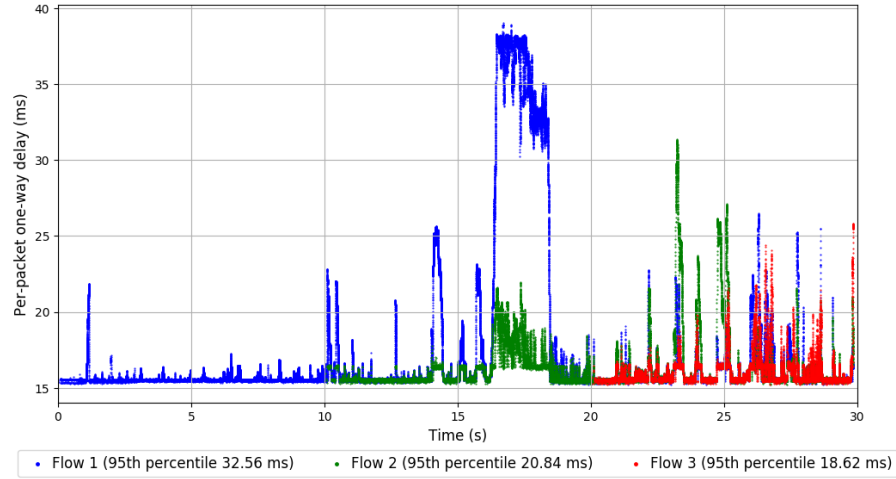
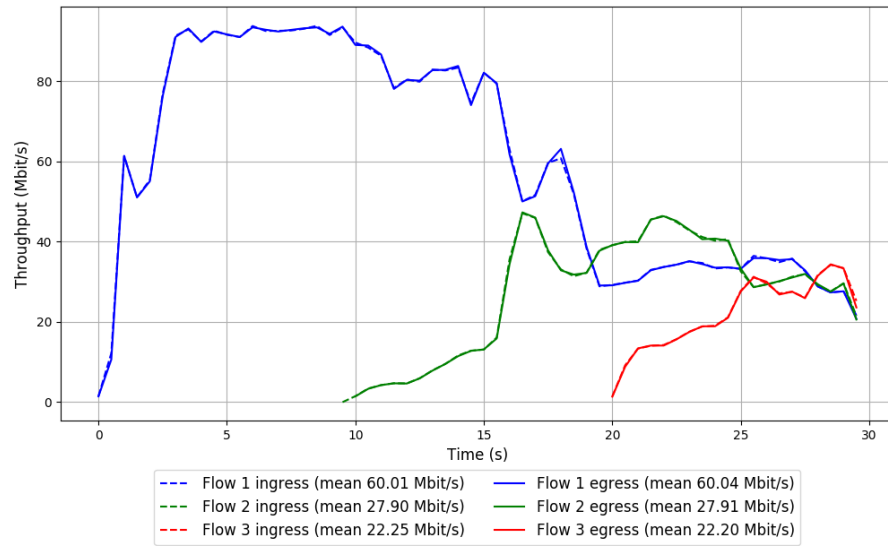
-- Flow 3:

Average throughput: 22.20 Mbit/s

95th percentile per-packet one-way delay: 18.624 ms

Loss rate: 0.62%

Run 5: Report of Vivace-latency — Data Link



Run 6: Statistics of Vivace-latency

Start at: 2018-03-06 13:42:58

End at: 2018-03-06 13:43:28

Local clock offset: 6.008 ms

Remote clock offset: 0.718 ms

Below is generated by plot.py at 2018-03-06 19:19:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.11 Mbit/s

95th percentile per-packet one-way delay: 32.795 ms

Loss rate: 0.13%

-- Flow 1:

Average throughput: 55.13 Mbit/s

95th percentile per-packet one-way delay: 33.125 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 40.18 Mbit/s

95th percentile per-packet one-way delay: 23.077 ms

Loss rate: 0.08%

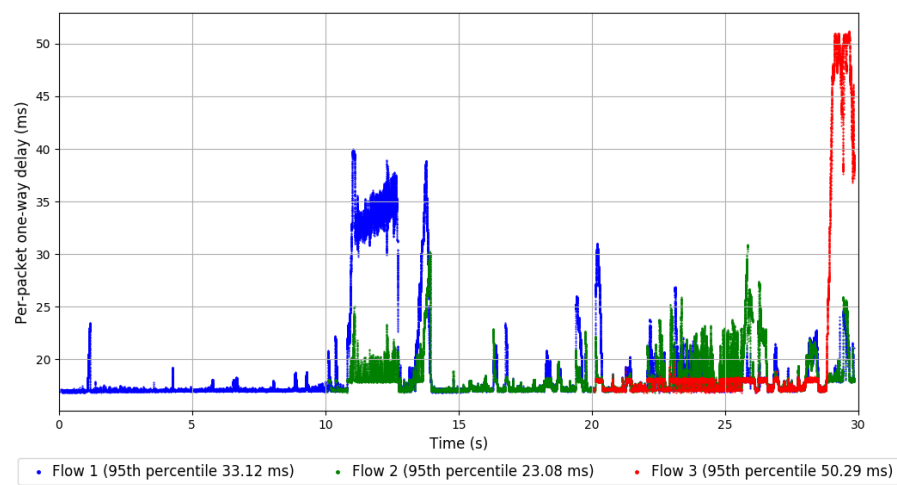
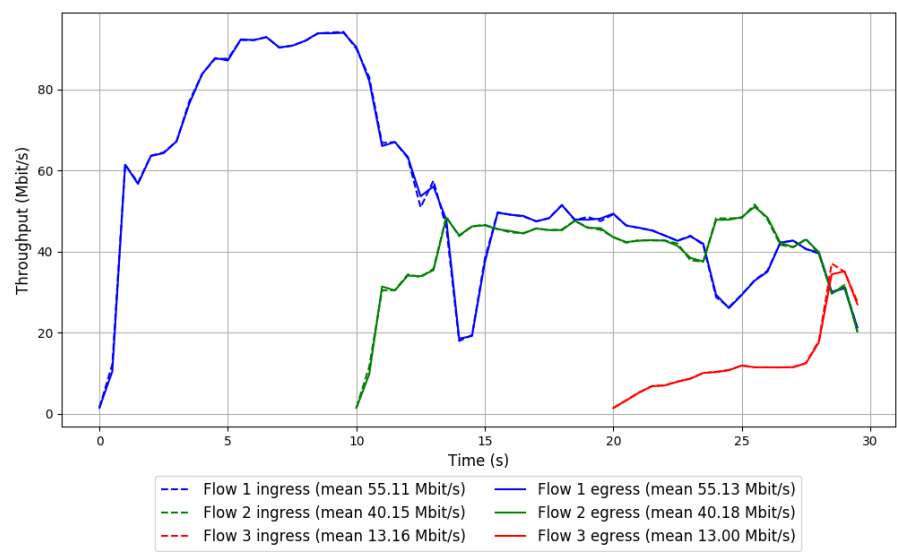
-- Flow 3:

Average throughput: 13.00 Mbit/s

95th percentile per-packet one-way delay: 50.294 ms

Loss rate: 1.53%

Run 6: Report of Vivace-latency — Data Link

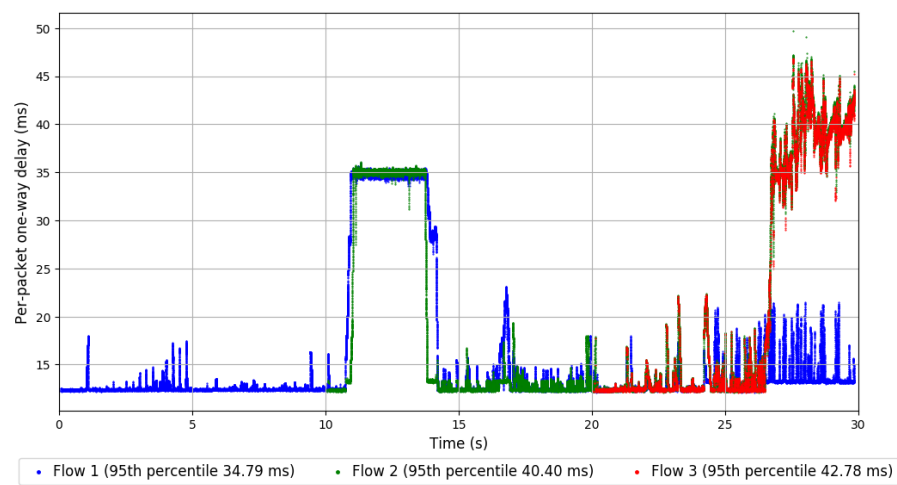
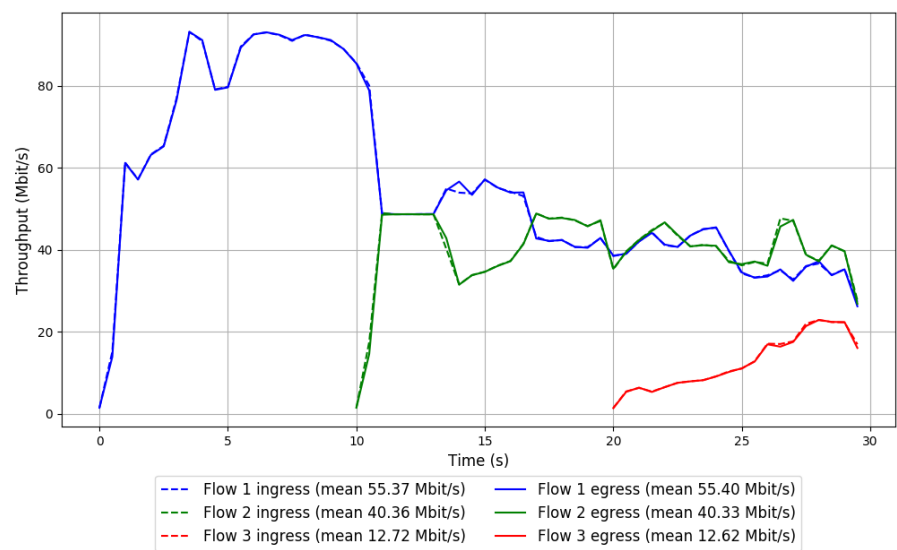


Run 7: Statistics of Vivace-latency

Start at: 2018-03-06 14:04:22
End at: 2018-03-06 14:04:52
Local clock offset: 3.955 ms
Remote clock offset: -0.687 ms

Below is generated by plot.py at 2018-03-06 19:20:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.36 Mbit/s
95th percentile per-packet one-way delay: 37.942 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 55.40 Mbit/s
95th percentile per-packet one-way delay: 34.789 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 40.33 Mbit/s
95th percentile per-packet one-way delay: 40.396 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 12.62 Mbit/s
95th percentile per-packet one-way delay: 42.776 ms
Loss rate: 1.06%

Run 7: Report of Vivace-latency — Data Link

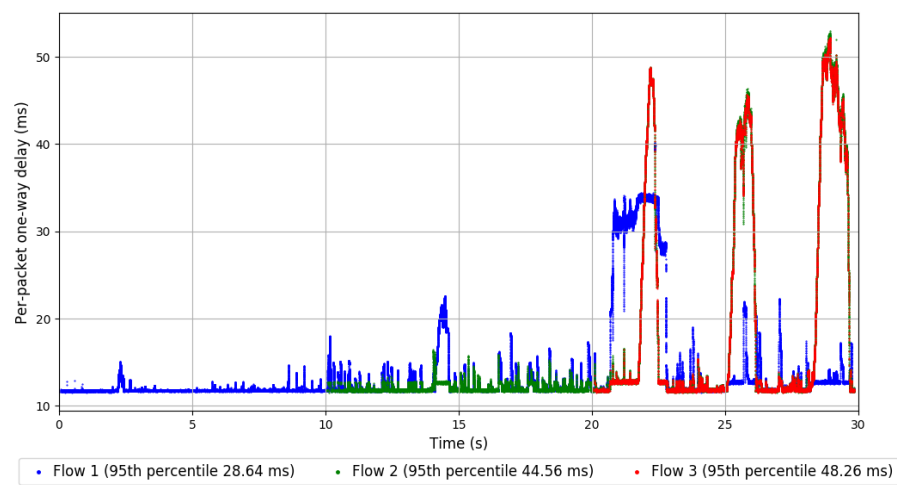
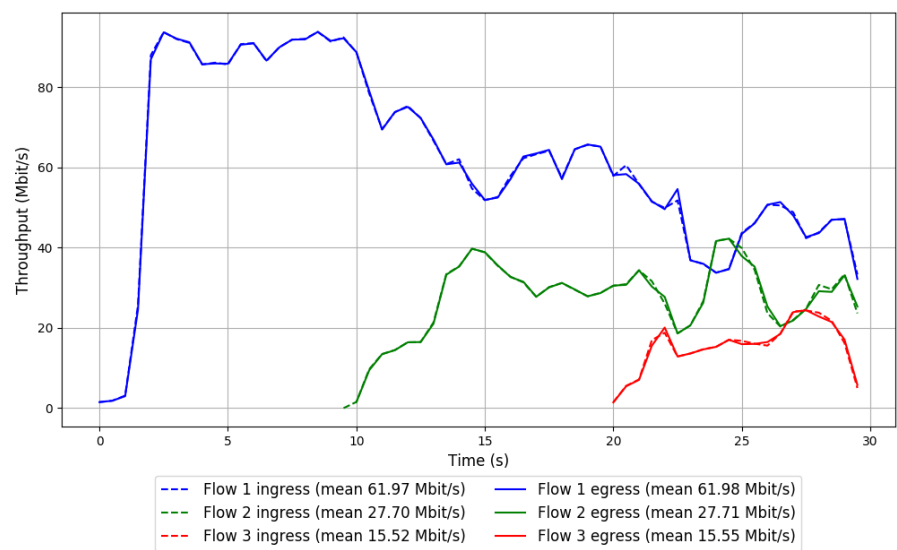


Run 8: Statistics of Vivace-latency

Start at: 2018-03-06 14:25:55
End at: 2018-03-06 14:26:25
Local clock offset: 2.743 ms
Remote clock offset: -3.003 ms

Below is generated by plot.py at 2018-03-06 19:20:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.52 Mbit/s
95th percentile per-packet one-way delay: 33.868 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 61.98 Mbit/s
95th percentile per-packet one-way delay: 28.643 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 27.71 Mbit/s
95th percentile per-packet one-way delay: 44.561 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 15.55 Mbit/s
95th percentile per-packet one-way delay: 48.260 ms
Loss rate: 0.05%

Run 8: Report of Vivace-latency — Data Link

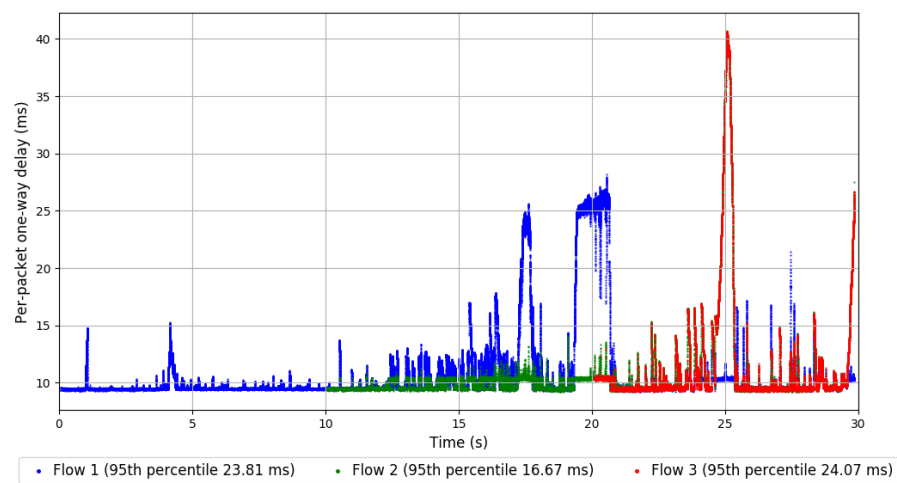
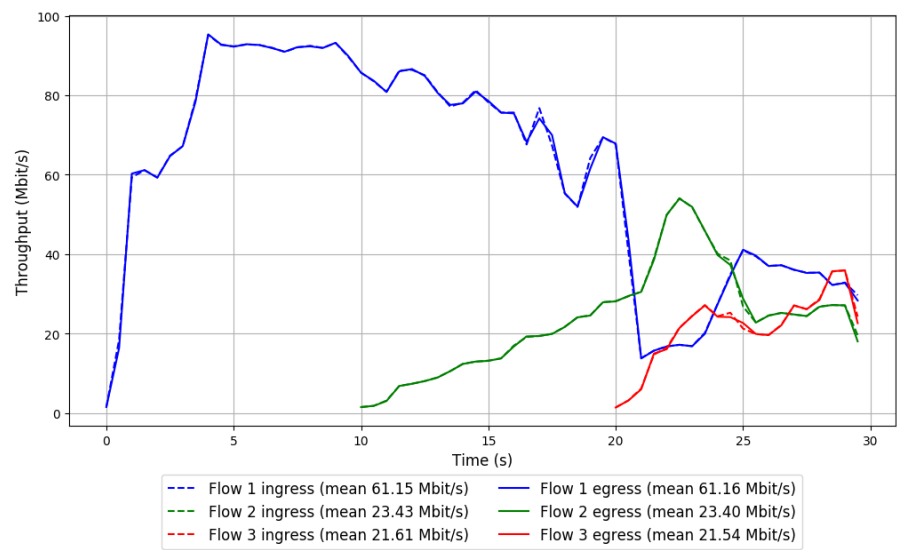


Run 9: Statistics of Vivace-latency

Start at: 2018-03-06 14:47:11
End at: 2018-03-06 14:47:41
Local clock offset: 0.351 ms
Remote clock offset: -4.833 ms

Below is generated by plot.py at 2018-03-06 19:20:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.79 Mbit/s
95th percentile per-packet one-way delay: 23.504 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 61.16 Mbit/s
95th percentile per-packet one-way delay: 23.808 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 23.40 Mbit/s
95th percentile per-packet one-way delay: 16.674 ms
Loss rate: 0.22%
-- Flow 3:
Average throughput: 21.54 Mbit/s
95th percentile per-packet one-way delay: 24.066 ms
Loss rate: 0.56%

Run 9: Report of Vivace-latency — Data Link

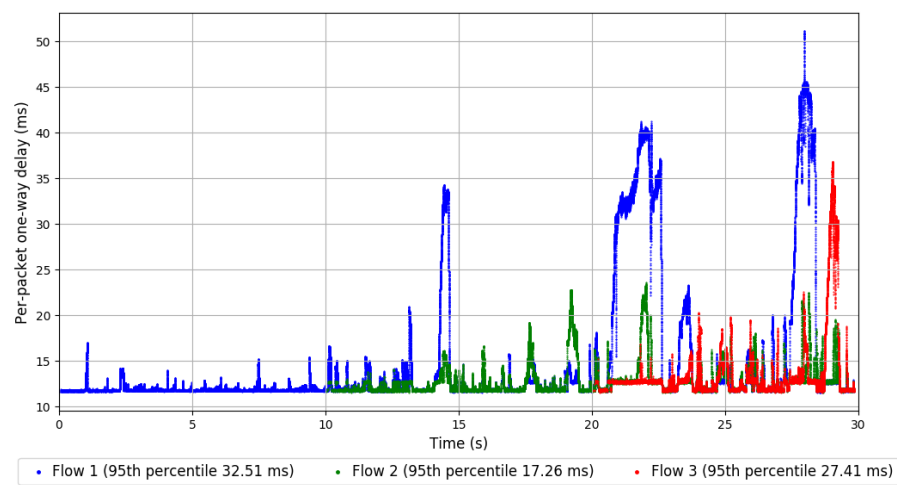
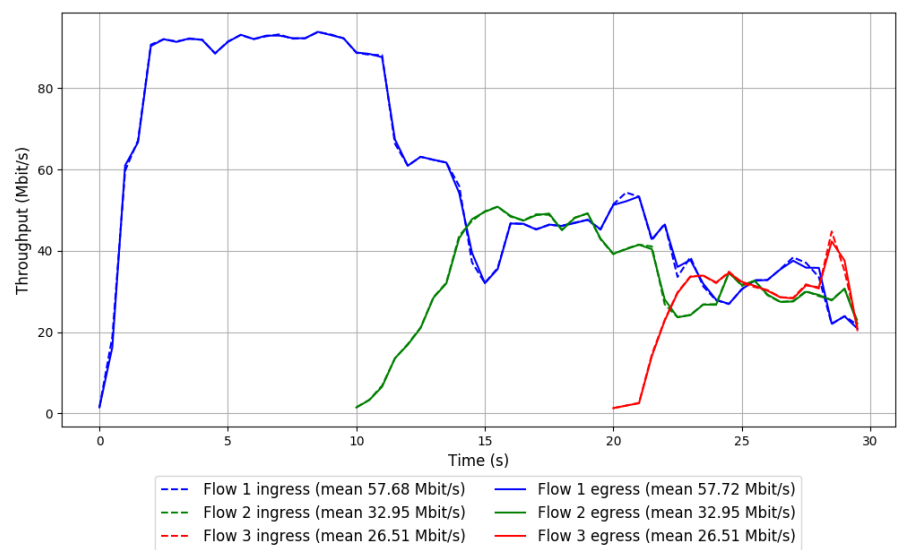


Run 10: Statistics of Vivace-latency

Start at: 2018-03-06 15:08:22
End at: 2018-03-06 15:08:52
Local clock offset: 3.51 ms
Remote clock offset: -5.453 ms

Below is generated by plot.py at 2018-03-06 19:20:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.33 Mbit/s
95th percentile per-packet one-way delay: 28.982 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 57.72 Mbit/s
95th percentile per-packet one-way delay: 32.513 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 32.95 Mbit/s
95th percentile per-packet one-way delay: 17.257 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 26.51 Mbit/s
95th percentile per-packet one-way delay: 27.413 ms
Loss rate: 0.25%

Run 10: Report of Vivace-latency — Data Link



Run 1: Statistics of Vivace-loss

Start at: 2018-03-06 12:00:00

End at: 2018-03-06 12:00:30

Local clock offset: 4.328 ms

Remote clock offset: 1.766 ms

Below is generated by plot.py at 2018-03-06 19:20:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.32 Mbit/s

95th percentile per-packet one-way delay: 59.554 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 55.98 Mbit/s

95th percentile per-packet one-way delay: 59.424 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 46.78 Mbit/s

95th percentile per-packet one-way delay: 38.213 ms

Loss rate: 0.25%

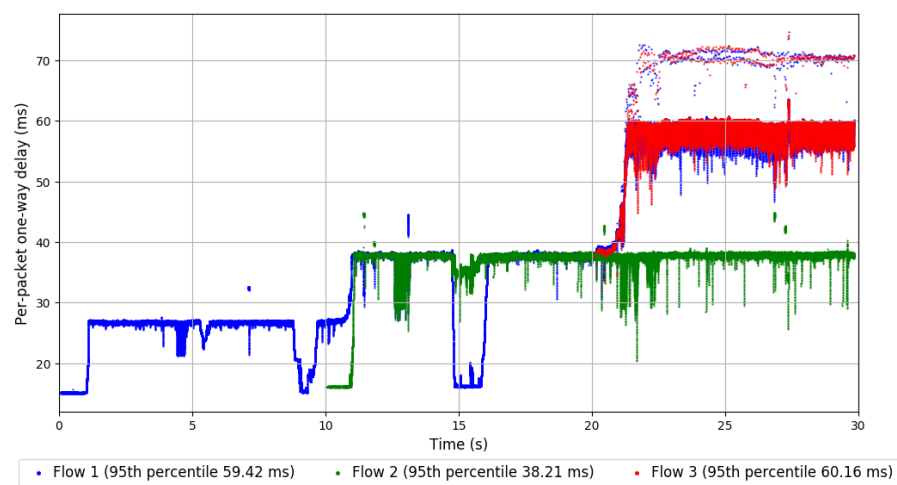
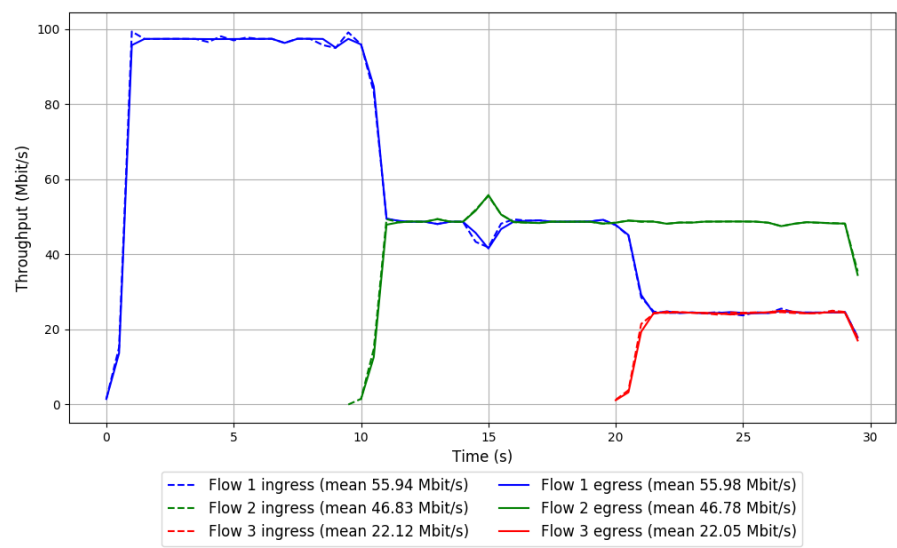
-- Flow 3:

Average throughput: 22.05 Mbit/s

95th percentile per-packet one-way delay: 60.158 ms

Loss rate: 0.82%

Run 1: Report of Vivace-loss — Data Link



Run 2: Statistics of Vivace-loss

Start at: 2018-03-06 12:21:07

End at: 2018-03-06 12:21:37

Local clock offset: 0.424 ms

Remote clock offset: 5.252 ms

Below is generated by plot.py at 2018-03-06 19:21:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.32 Mbit/s

95th percentile per-packet one-way delay: 54.532 ms

Loss rate: 0.19%

-- Flow 1:

Average throughput: 63.36 Mbit/s

95th percentile per-packet one-way delay: 33.167 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 38.79 Mbit/s

95th percentile per-packet one-way delay: 54.921 ms

Loss rate: 0.22%

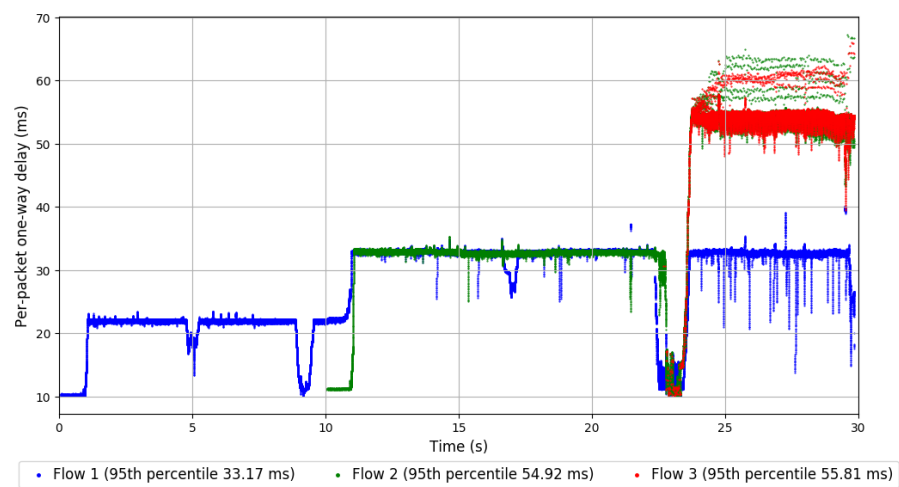
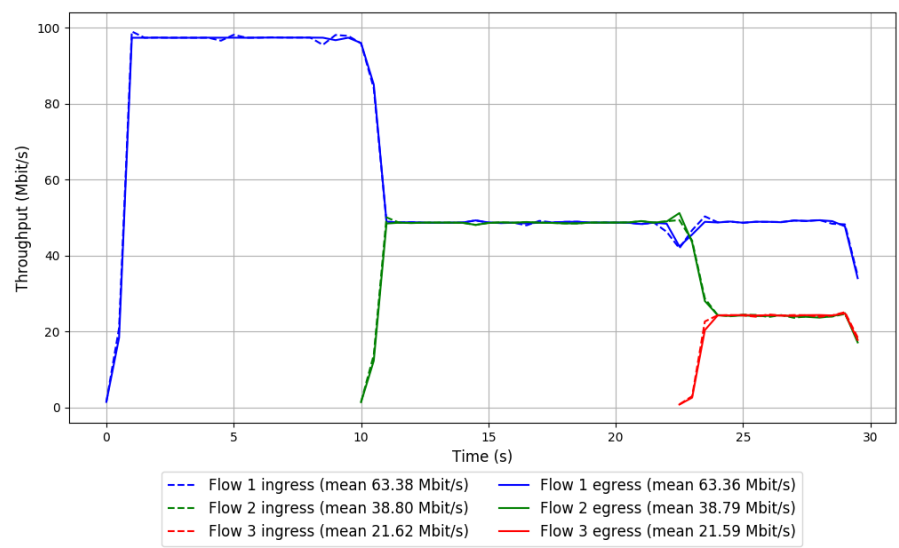
-- Flow 3:

Average throughput: 21.59 Mbit/s

95th percentile per-packet one-way delay: 55.814 ms

Loss rate: 1.08%

Run 2: Report of Vivace-loss — Data Link



Run 3: Statistics of Vivace-loss

Start at: 2018-03-06 12:42:29

End at: 2018-03-06 12:42:59

Local clock offset: 1.576 ms

Remote clock offset: 6.951 ms

Below is generated by plot.py at 2018-03-06 19:21:29

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.46 Mbit/s

95th percentile per-packet one-way delay: 55.962 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 56.27 Mbit/s

95th percentile per-packet one-way delay: 55.869 ms

Loss rate: 0.10%

-- Flow 2:

Average throughput: 46.60 Mbit/s

95th percentile per-packet one-way delay: 34.601 ms

Loss rate: 0.24%

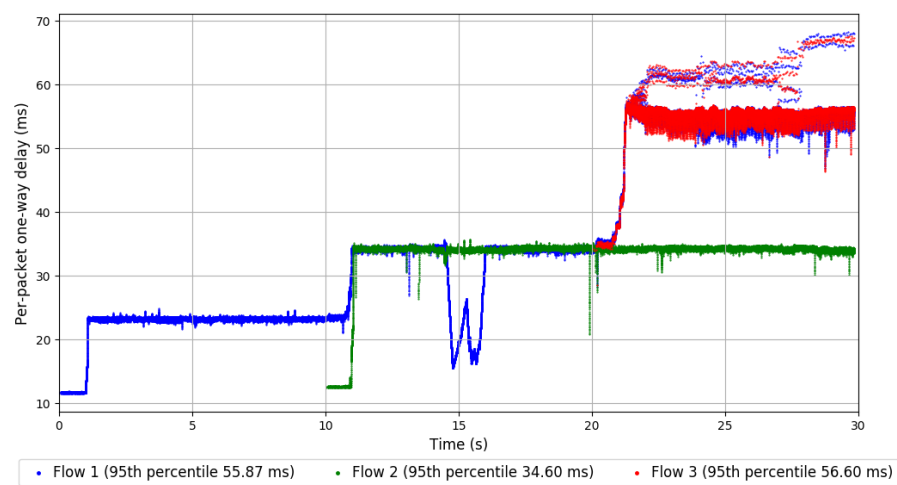
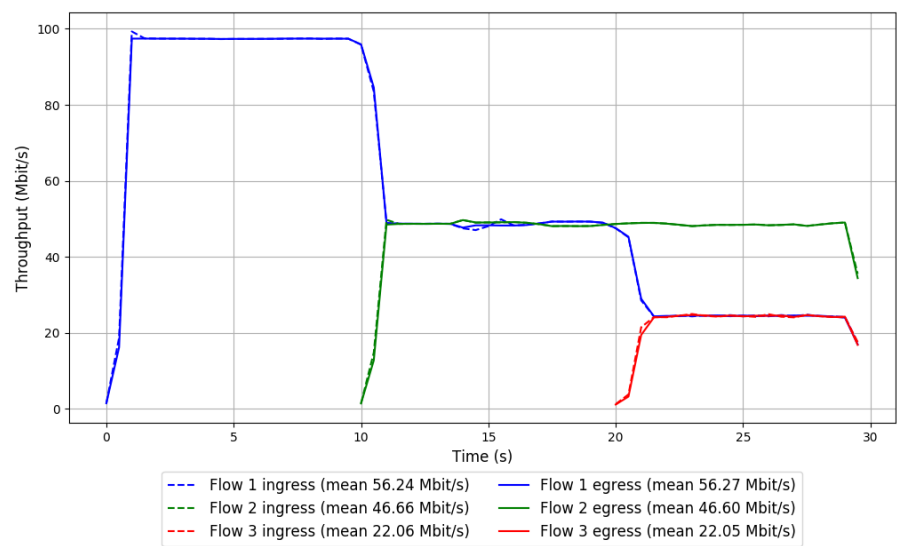
-- Flow 3:

Average throughput: 22.05 Mbit/s

95th percentile per-packet one-way delay: 56.597 ms

Loss rate: 0.72%

Run 3: Report of Vivace-loss — Data Link



Run 4: Statistics of Vivace-loss

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

End at: 2018-03-06 13:04:23

Local clock offset: -0.257 ms

Remote clock offset: 2.751 ms

Below is generated by plot.py at 2018-03-06 19:21:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.45 Mbit/s

95th percentile per-packet one-way delay: 52.063 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 63.55 Mbit/s

95th percentile per-packet one-way delay: 31.006 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 40.21 Mbit/s

95th percentile per-packet one-way delay: 52.527 ms

Loss rate: 0.20%

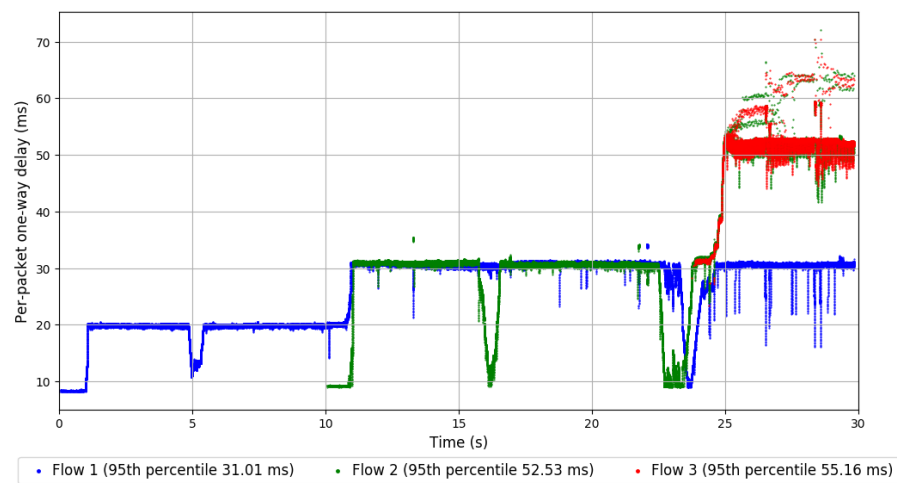
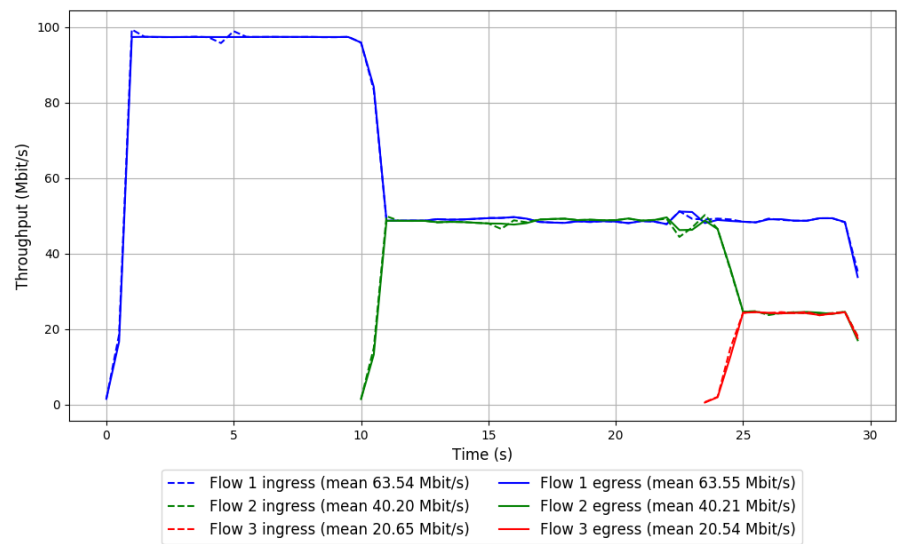
-- Flow 3:

Average throughput: 20.54 Mbit/s

95th percentile per-packet one-way delay: 55.161 ms

Loss rate: 1.37%

Run 4: Report of Vivace-loss — Data Link

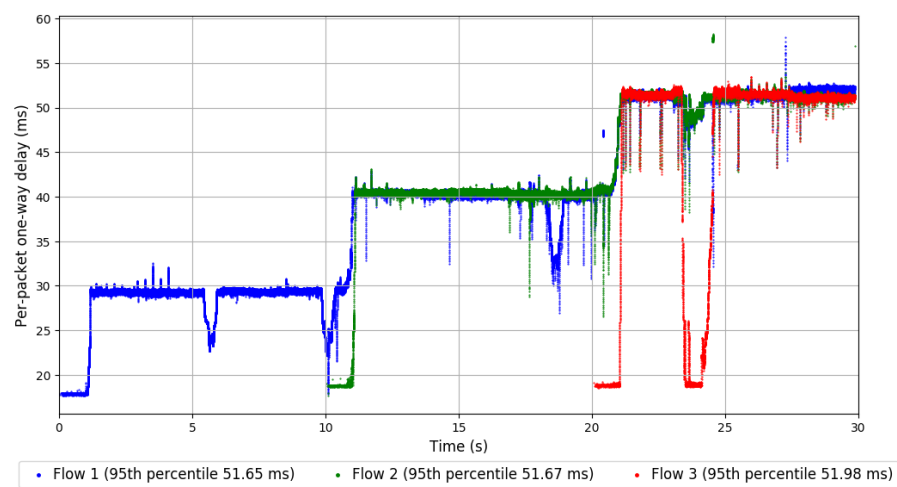
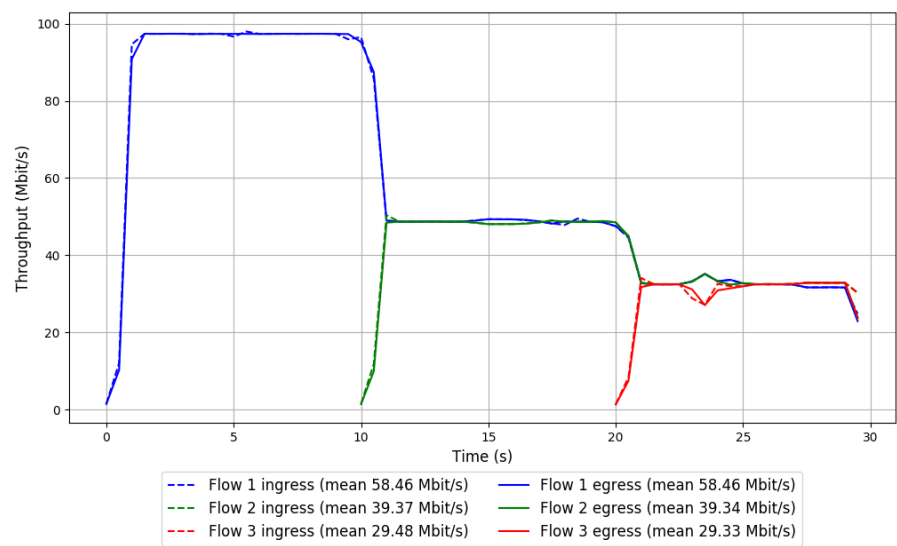


Run 5: Statistics of Vivace-loss

Start at: 2018-03-06 13:25:07
End at: 2018-03-06 13:25:37
Local clock offset: 5.386 ms
Remote clock offset: -1.216 ms

Below is generated by plot.py at 2018-03-06 19:21:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.23 Mbit/s
95th percentile per-packet one-way delay: 51.743 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 58.46 Mbit/s
95th percentile per-packet one-way delay: 51.648 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 39.34 Mbit/s
95th percentile per-packet one-way delay: 51.674 ms
Loss rate: 0.63%
-- Flow 3:
Average throughput: 29.33 Mbit/s
95th percentile per-packet one-way delay: 51.984 ms
Loss rate: 1.66%

Run 5: Report of Vivace-loss — Data Link

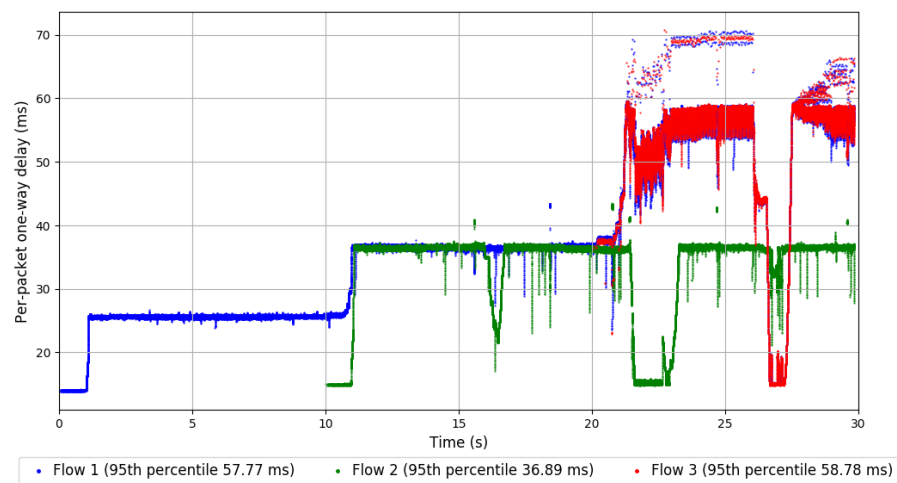
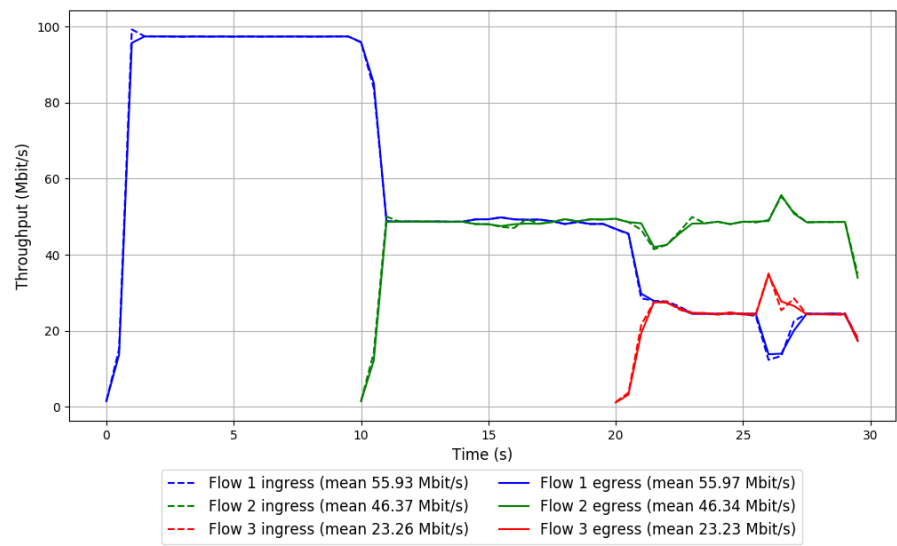


Run 6: Statistics of Vivace-loss

Start at: 2018-03-06 13:46:38
End at: 2018-03-06 13:47:08
Local clock offset: 5.503 ms
Remote clock offset: -0.078 ms

Below is generated by plot.py at 2018-03-06 19:21:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.37 Mbit/s
95th percentile per-packet one-way delay: 58.053 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 55.97 Mbit/s
95th percentile per-packet one-way delay: 57.767 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 46.34 Mbit/s
95th percentile per-packet one-way delay: 36.893 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 23.23 Mbit/s
95th percentile per-packet one-way delay: 58.782 ms
Loss rate: 0.76%

Run 6: Report of Vivace-loss — Data Link

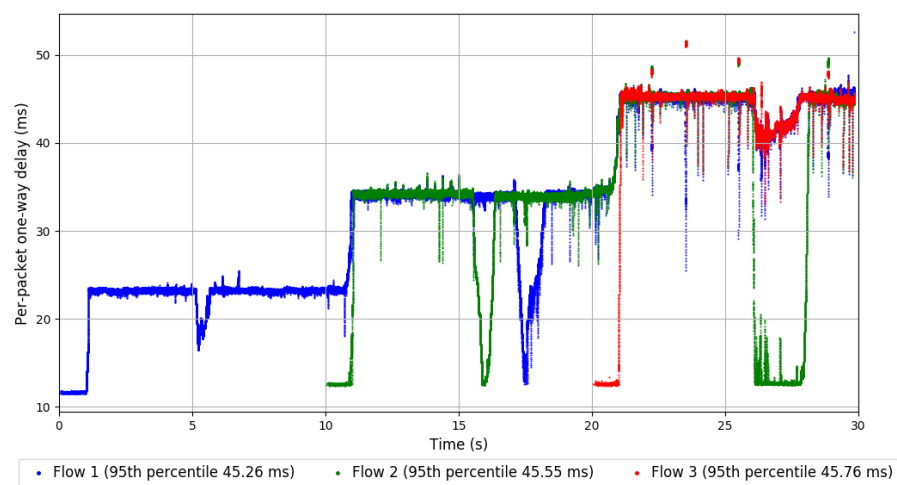
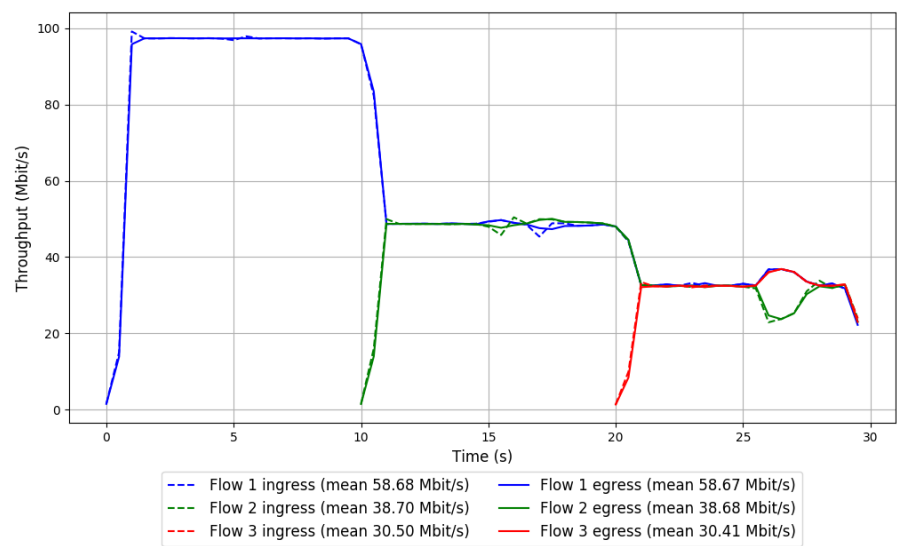


Run 7: Statistics of Vivace-loss

Start at: 2018-03-06 14:07:57
End at: 2018-03-06 14:08:27
Local clock offset: 3.457 ms
Remote clock offset: -1.107 ms

Below is generated by plot.py at 2018-03-06 19:21:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.36 Mbit/s
95th percentile per-packet one-way delay: 45.482 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.67 Mbit/s
95th percentile per-packet one-way delay: 45.261 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 38.68 Mbit/s
95th percentile per-packet one-way delay: 45.549 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 30.41 Mbit/s
95th percentile per-packet one-way delay: 45.755 ms
Loss rate: 0.64%

Run 7: Report of Vivace-loss — Data Link

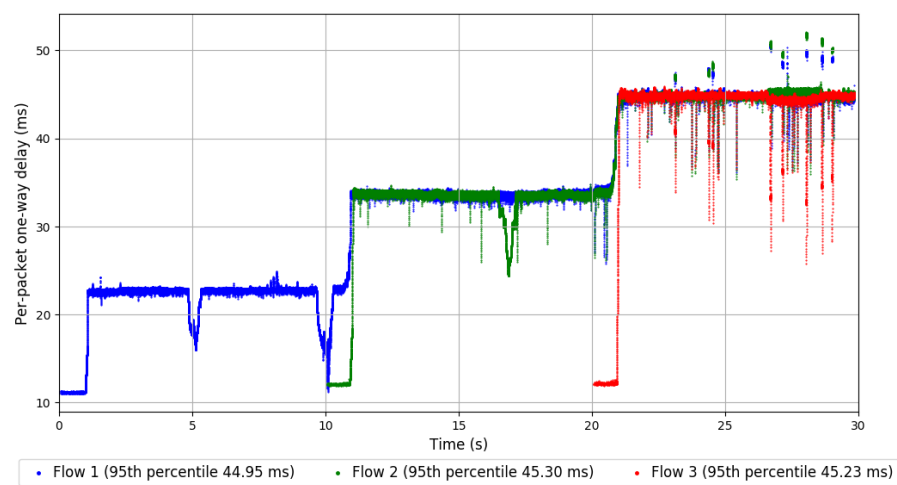
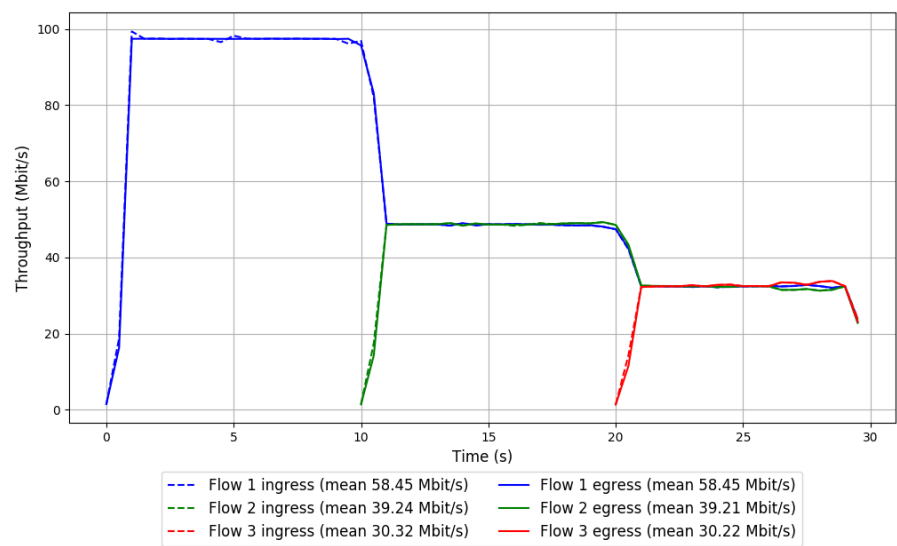


Run 8: Statistics of Vivace-loss

Start at: 2018-03-06 14:29:31
End at: 2018-03-06 14:30:01
Local clock offset: 2.583 ms
Remote clock offset: -2.717 ms

Below is generated by plot.py at 2018-03-06 19:21:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.45 Mbit/s
95th percentile per-packet one-way delay: 45.113 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 58.45 Mbit/s
95th percentile per-packet one-way delay: 44.951 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 39.21 Mbit/s
95th percentile per-packet one-way delay: 45.303 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 30.22 Mbit/s
95th percentile per-packet one-way delay: 45.232 ms
Loss rate: 0.62%

Run 8: Report of Vivace-loss — Data Link

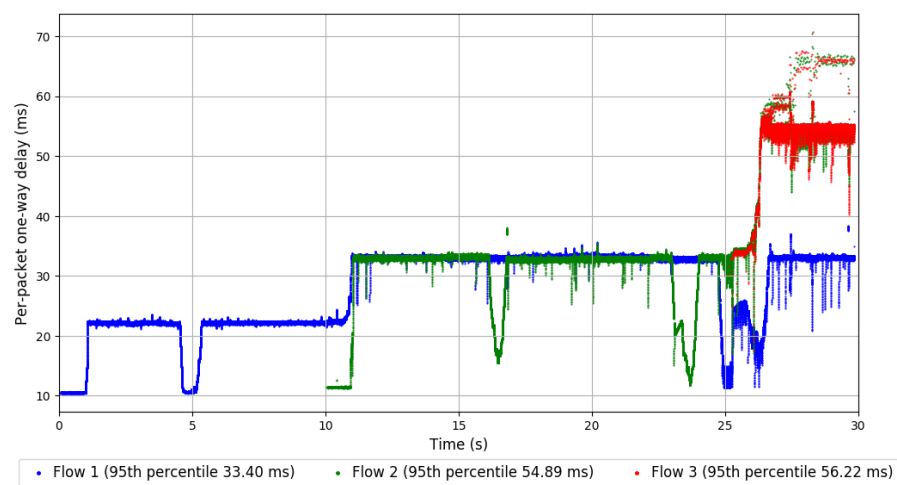
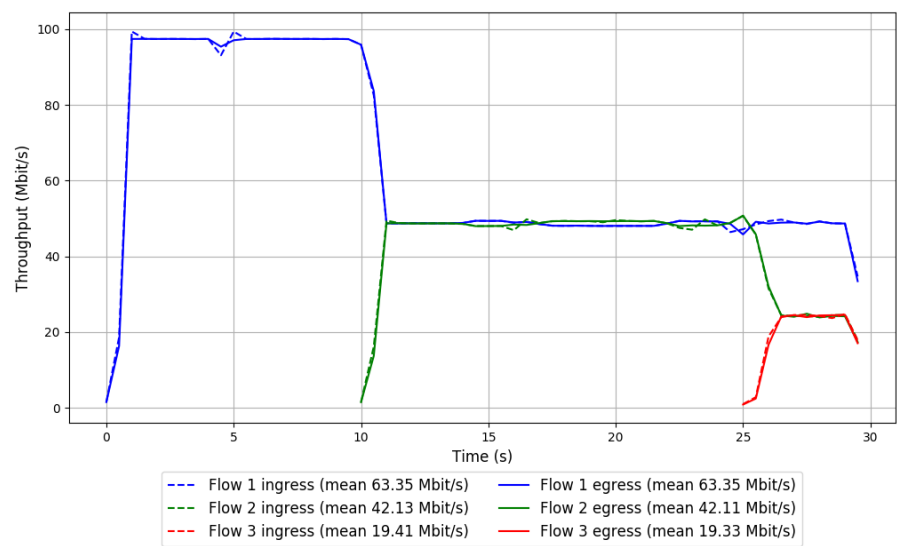


Run 9: Statistics of Vivace-loss

Start at: 2018-03-06 14:50:47
End at: 2018-03-06 14:51:17
Local clock offset: 2.087 ms
Remote clock offset: -4.607 ms

Below is generated by plot.py at 2018-03-06 19:22:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.40 Mbit/s
95th percentile per-packet one-way delay: 53.466 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 63.35 Mbit/s
95th percentile per-packet one-way delay: 33.396 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 42.11 Mbit/s
95th percentile per-packet one-way delay: 54.888 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 19.33 Mbit/s
95th percentile per-packet one-way delay: 56.219 ms
Loss rate: 1.71%

Run 9: Report of Vivace-loss — Data Link

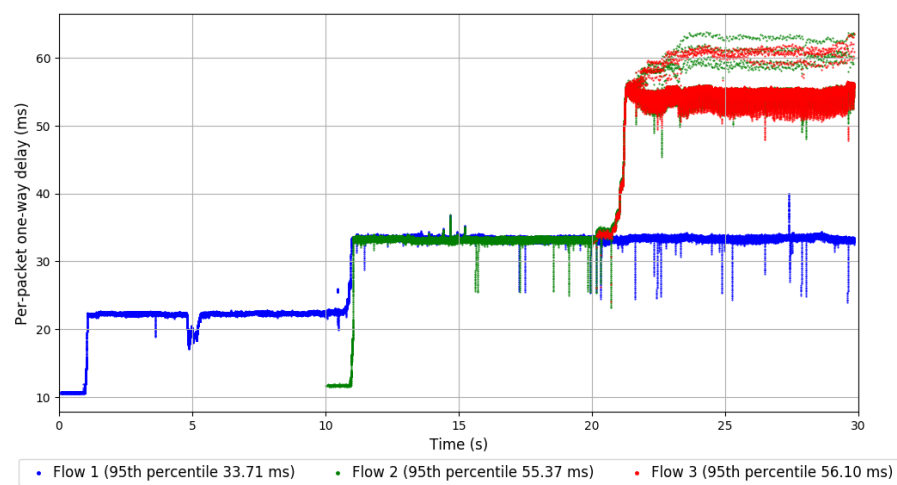
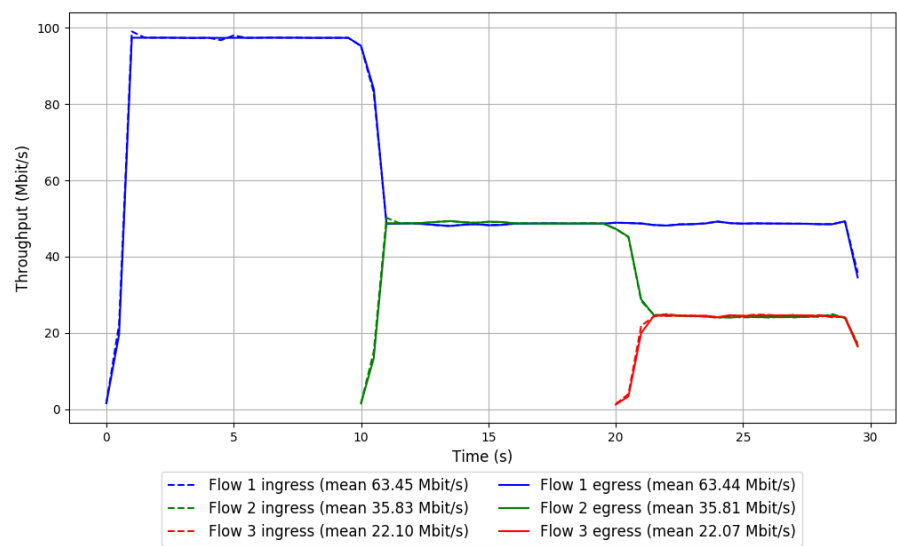


Run 10: Statistics of Vivace-loss

Start at: 2018-03-06 15:11:56
End at: 2018-03-06 15:12:26
Local clock offset: 3.243 ms
Remote clock offset: -1.328 ms

Below is generated by plot.py at 2018-03-06 19:22:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.47 Mbit/s
95th percentile per-packet one-way delay: 55.113 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 63.44 Mbit/s
95th percentile per-packet one-way delay: 33.709 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 35.81 Mbit/s
95th percentile per-packet one-way delay: 55.372 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 22.07 Mbit/s
95th percentile per-packet one-way delay: 56.104 ms
Loss rate: 0.71%

Run 10: Report of Vivace-loss — Data Link

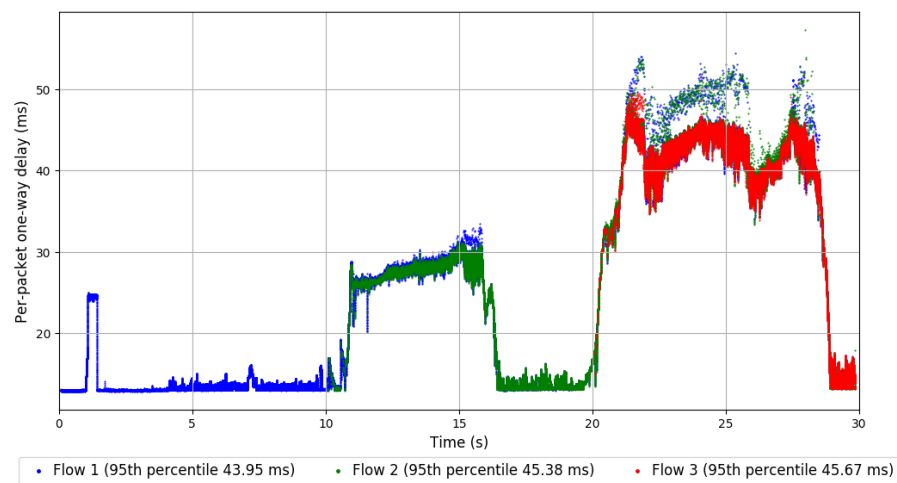
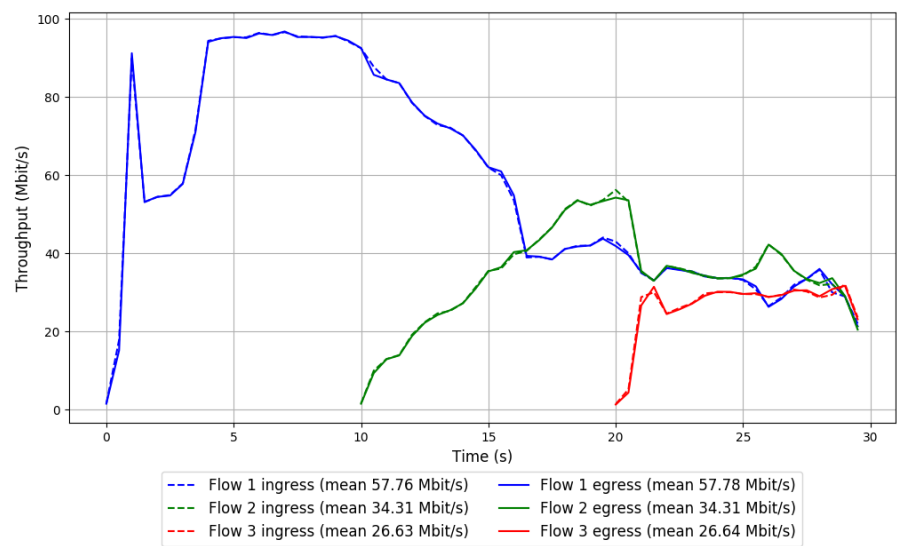


Run 1: Statistics of Vivace-LTE

Start at: 2018-03-06 11:54:09
End at: 2018-03-06 11:54:39
Local clock offset: 3.768 ms
Remote clock offset: -0.368 ms

Below is generated by plot.py at 2018-03-06 19:22:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.34 Mbit/s
95th percentile per-packet one-way delay: 45.003 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 57.78 Mbit/s
95th percentile per-packet one-way delay: 43.947 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 34.31 Mbit/s
95th percentile per-packet one-way delay: 45.377 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 26.64 Mbit/s
95th percentile per-packet one-way delay: 45.672 ms
Loss rate: 0.30%

Run 1: Report of Vivace-LTE — Data Link



Run 2: Statistics of Vivace-LTE

Start at: 2018-03-06 12:15:19

End at: 2018-03-06 12:15:49

Local clock offset: 0.865 ms

Remote clock offset: 6.527 ms

Below is generated by plot.py at 2018-03-06 19:23:00

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.49 Mbit/s

95th percentile per-packet one-way delay: 41.095 ms

Loss rate: 0.10%

-- Flow 1:

Average throughput: 59.69 Mbit/s

95th percentile per-packet one-way delay: 39.974 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 34.30 Mbit/s

95th percentile per-packet one-way delay: 41.952 ms

Loss rate: 0.10%

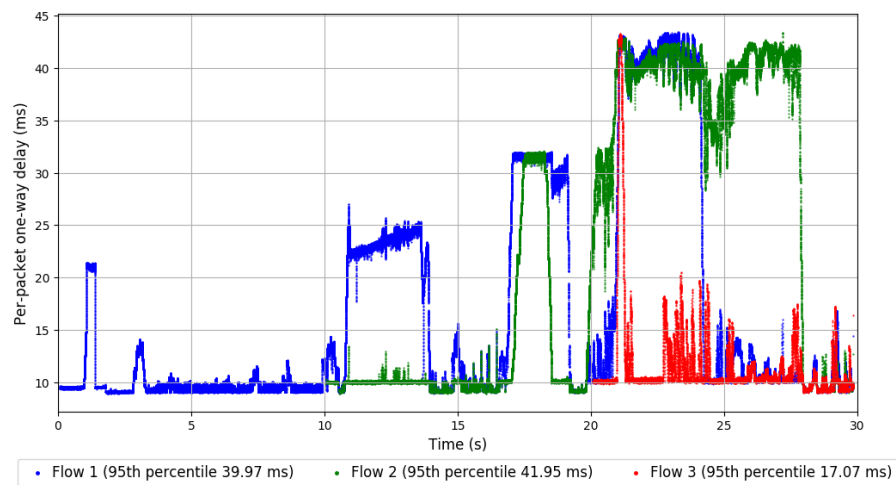
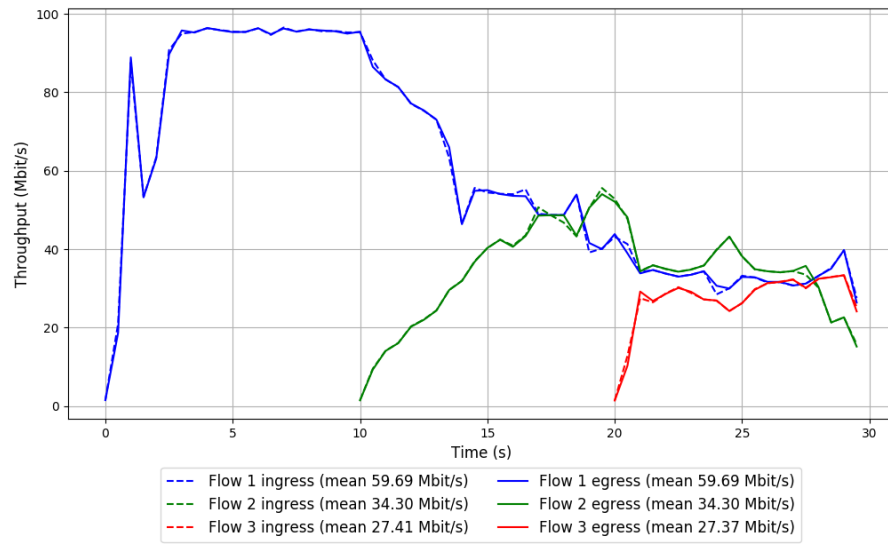
-- Flow 3:

Average throughput: 27.37 Mbit/s

95th percentile per-packet one-way delay: 17.066 ms

Loss rate: 0.31%

Run 2: Report of Vivace-LTE — Data Link



Run 3: Statistics of Vivace-LTE

Start at: 2018-03-06 12:36:32

End at: 2018-03-06 12:37:02

Local clock offset: 0.274 ms

Remote clock offset: 5.887 ms

Below is generated by plot.py at 2018-03-06 19:23:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.36 Mbit/s

95th percentile per-packet one-way delay: 43.420 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 55.59 Mbit/s

95th percentile per-packet one-way delay: 43.585 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 45.28 Mbit/s

95th percentile per-packet one-way delay: 33.358 ms

Loss rate: 0.15%

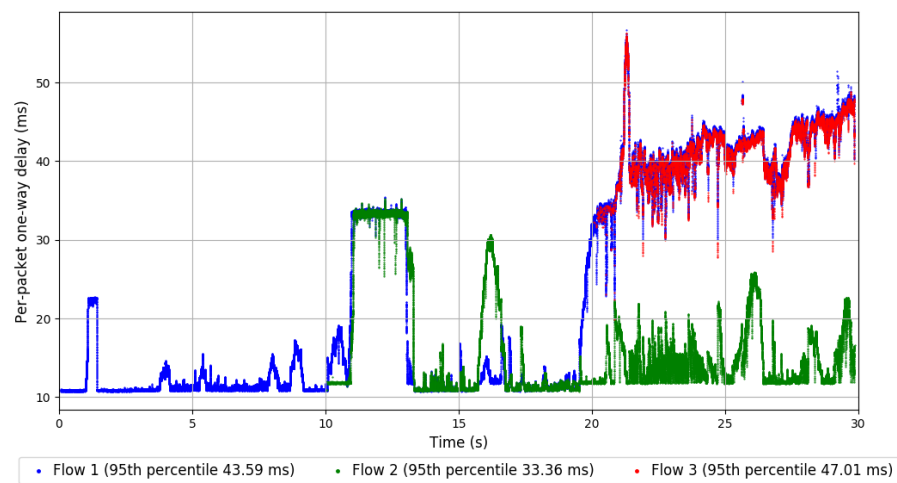
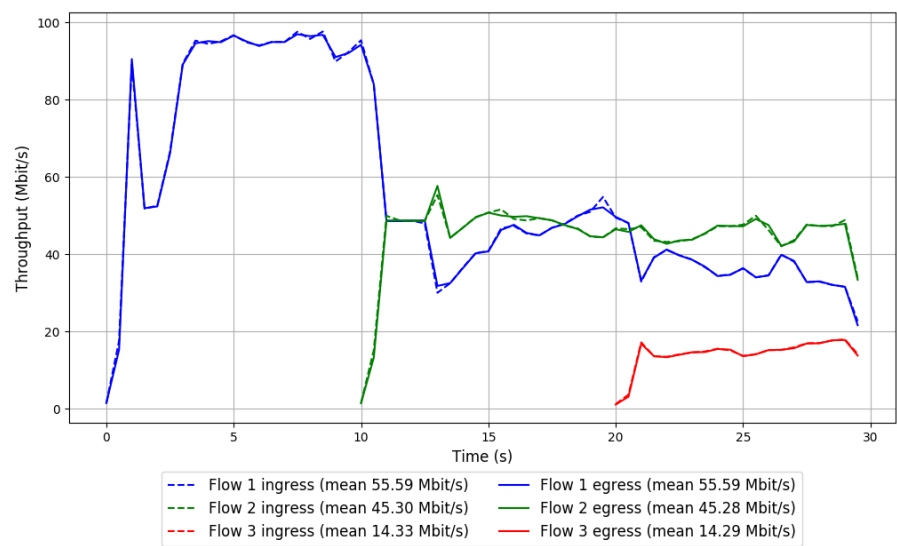
-- Flow 3:

Average throughput: 14.29 Mbit/s

95th percentile per-packet one-way delay: 47.007 ms

Loss rate: 0.73%

Run 3: Report of Vivace-LTE — Data Link



Run 4: Statistics of Vivace-LTE

Start at: 2018-03-06 12:58:01

End at: 2018-03-06 12:58:31

Local clock offset: -5.622 ms

Remote clock offset: 3.185 ms

Below is generated by plot.py at 2018-03-06 19:23:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.76 Mbit/s

95th percentile per-packet one-way delay: 43.503 ms

Loss rate: 0.09%

-- Flow 1:

Average throughput: 59.58 Mbit/s

95th percentile per-packet one-way delay: 28.010 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 37.20 Mbit/s

95th percentile per-packet one-way delay: 45.259 ms

Loss rate: 0.08%

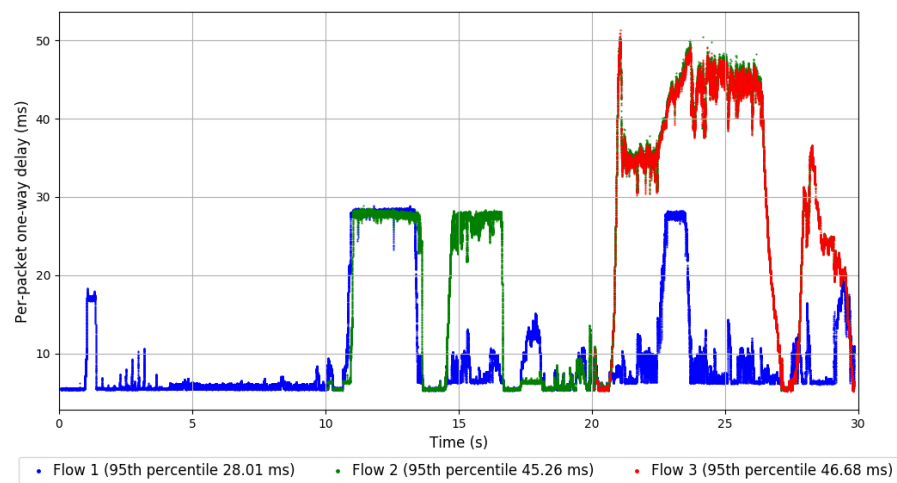
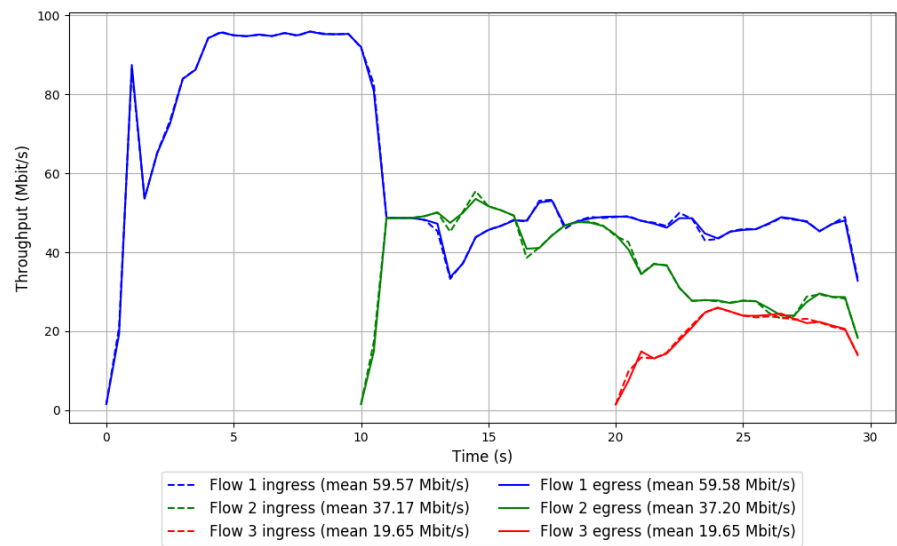
-- Flow 3:

Average throughput: 19.65 Mbit/s

95th percentile per-packet one-way delay: 46.684 ms

Loss rate: 0.26%

Run 4: Report of Vivace-LTE — Data Link



Run 5: Statistics of Vivace-LTE

Start at: 2018-03-06 13:19:10

End at: 2018-03-06 13:19:40

Local clock offset: 4.478 ms

Remote clock offset: -0.44 ms

Below is generated by plot.py at 2018-03-06 19:23:07

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.45 Mbit/s

95th percentile per-packet one-way delay: 48.271 ms

Loss rate: 0.22%

-- Flow 1:

Average throughput: 56.19 Mbit/s

95th percentile per-packet one-way delay: 47.810 ms

Loss rate: 0.12%

-- Flow 2:

Average throughput: 35.69 Mbit/s

95th percentile per-packet one-way delay: 48.481 ms

Loss rate: 0.28%

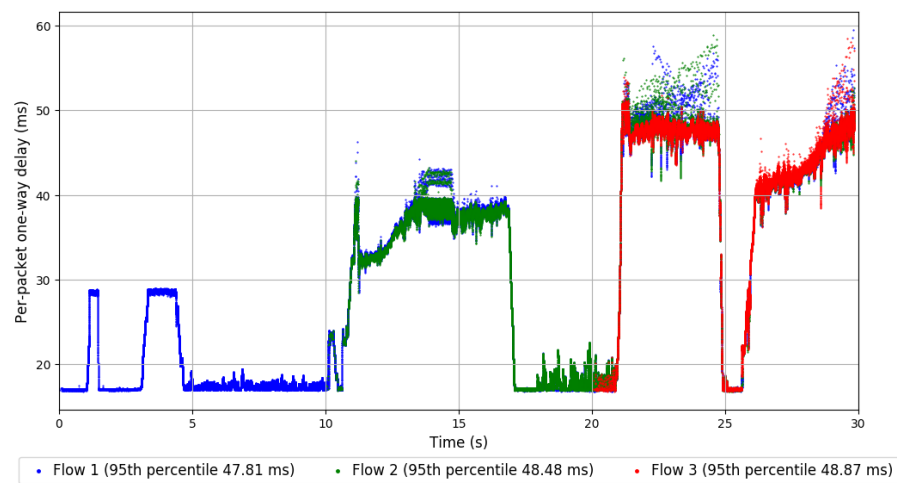
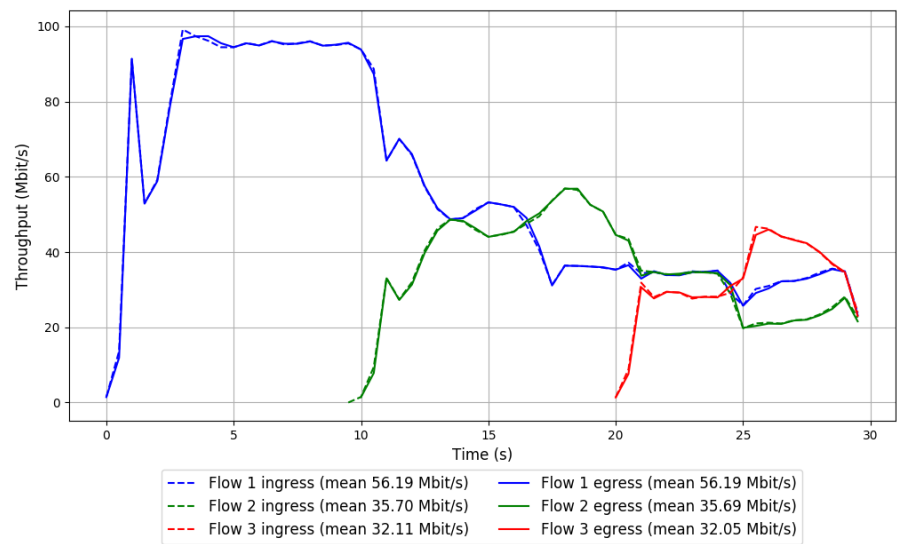
-- Flow 3:

Average throughput: 32.05 Mbit/s

95th percentile per-packet one-way delay: 48.869 ms

Loss rate: 0.64%

Run 5: Report of Vivace-LTE — Data Link



Run 6: Statistics of Vivace-LTE

Start at: 2018-03-06 13:40:38

End at: 2018-03-06 13:41:08

Local clock offset: 4.147 ms

Remote clock offset: -0.43 ms

Below is generated by plot.py at 2018-03-06 19:23:17

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.01 Mbit/s

95th percentile per-packet one-way delay: 58.220 ms

Loss rate: 0.17%

-- Flow 1:

Average throughput: 52.57 Mbit/s

95th percentile per-packet one-way delay: 57.350 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 35.71 Mbit/s

95th percentile per-packet one-way delay: 59.883 ms

Loss rate: 0.29%

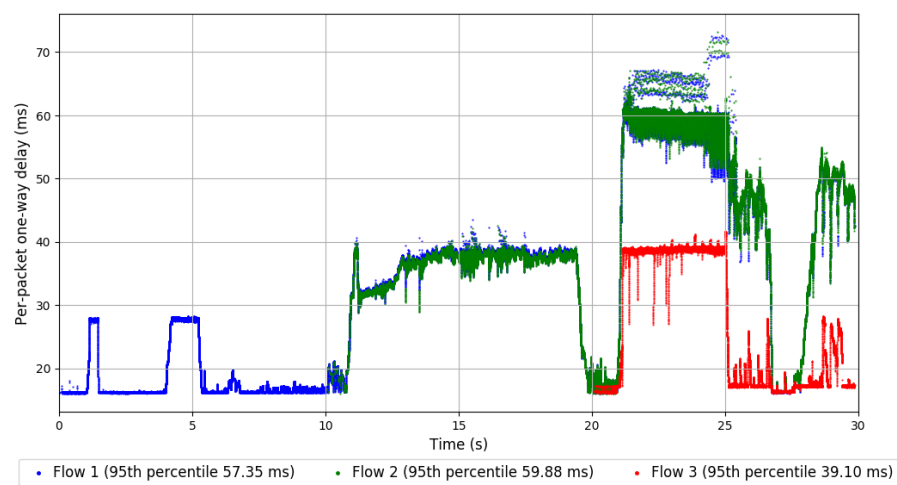
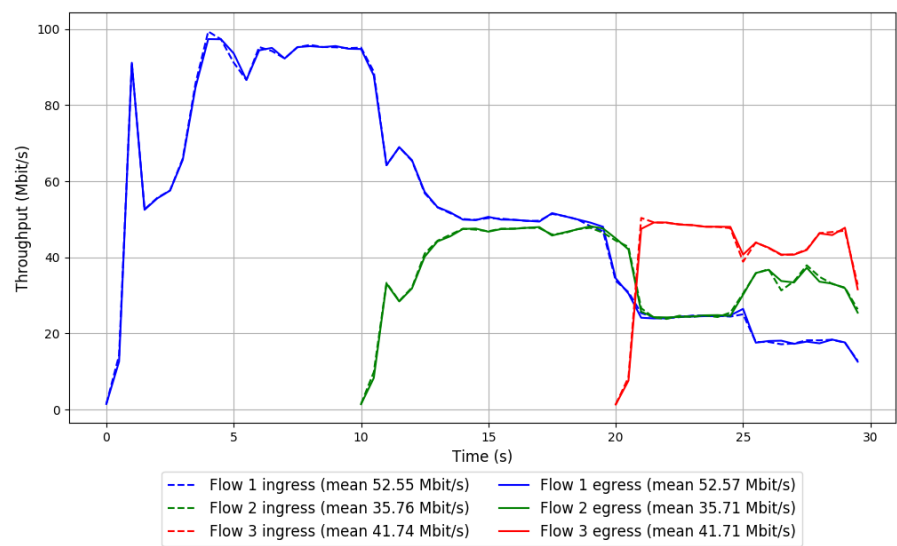
-- Flow 3:

Average throughput: 41.71 Mbit/s

95th percentile per-packet one-way delay: 39.096 ms

Loss rate: 0.35%

Run 6: Report of Vivace-LTE — Data Link

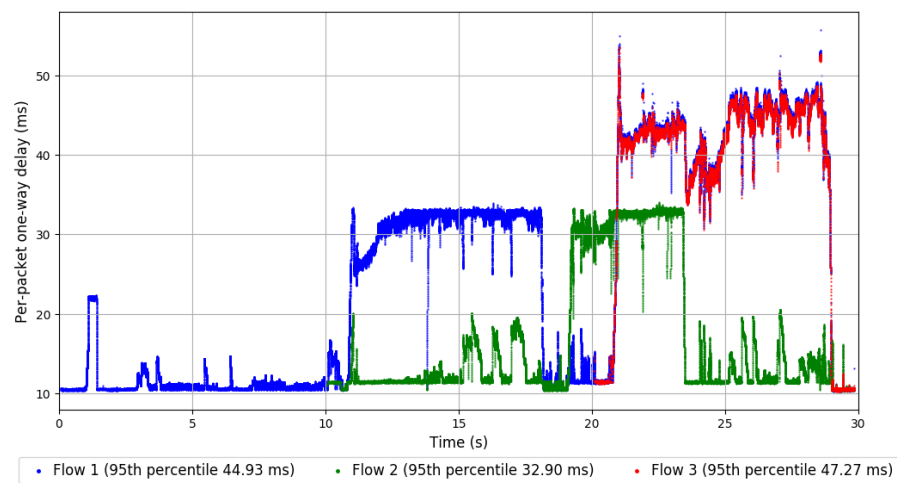
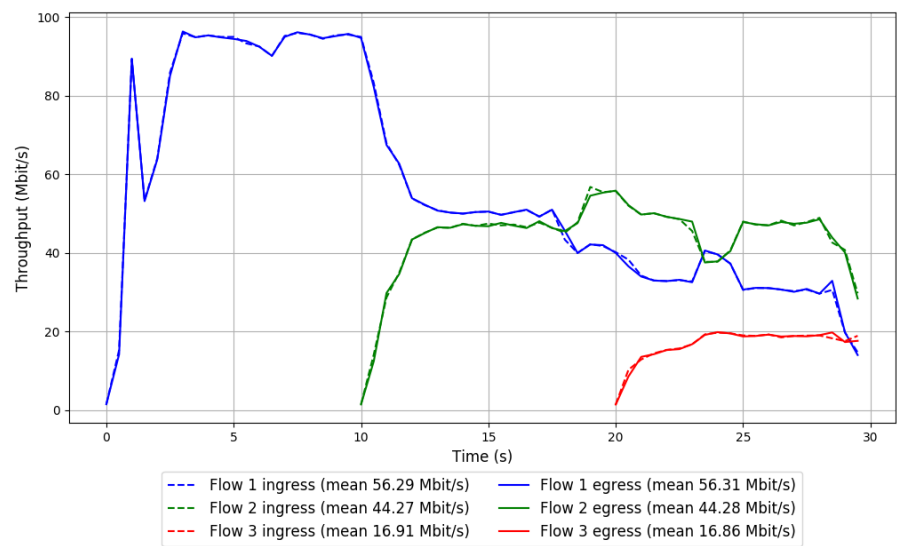


Run 7: Statistics of Vivace-LTE

Start at: 2018-03-06 14:02:04
End at: 2018-03-06 14:02:34
Local clock offset: 1.957 ms
Remote clock offset: -0.353 ms

Below is generated by plot.py at 2018-03-06 19:23:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.28 Mbit/s
95th percentile per-packet one-way delay: 44.860 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 56.31 Mbit/s
95th percentile per-packet one-way delay: 44.933 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 44.28 Mbit/s
95th percentile per-packet one-way delay: 32.904 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 16.86 Mbit/s
95th percentile per-packet one-way delay: 47.270 ms
Loss rate: 0.52%

Run 7: Report of Vivace-LTE — Data Link

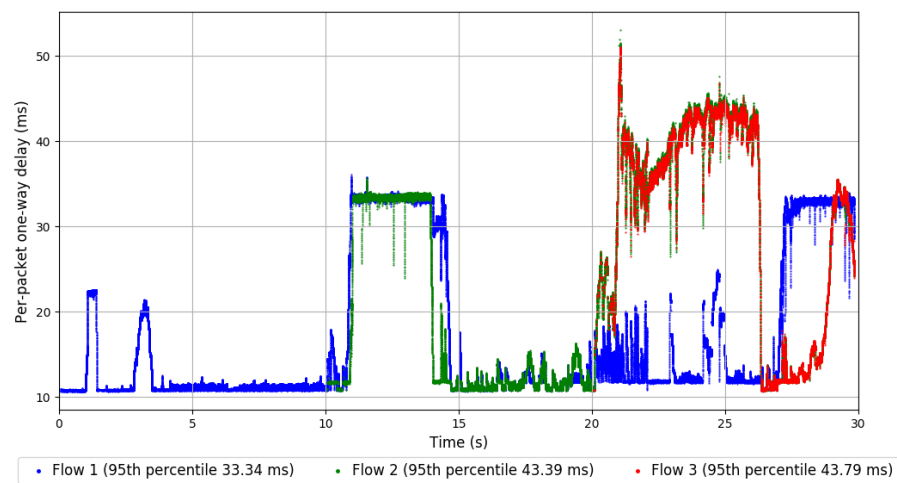
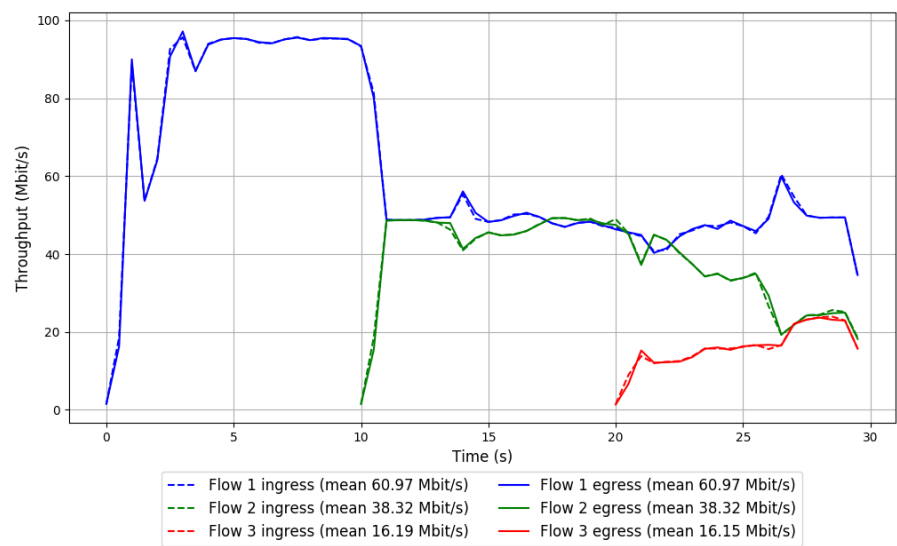


Run 8: Statistics of Vivace-LTE

Start at: 2018-03-06 14:23:33
End at: 2018-03-06 14:24:03
Local clock offset: 2.698 ms
Remote clock offset: -2.149 ms

Below is generated by plot.py at 2018-03-06 19:23:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.74 Mbit/s
95th percentile per-packet one-way delay: 40.958 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 60.97 Mbit/s
95th percentile per-packet one-way delay: 33.339 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 38.32 Mbit/s
95th percentile per-packet one-way delay: 43.390 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 16.15 Mbit/s
95th percentile per-packet one-way delay: 43.792 ms
Loss rate: 0.48%

Run 8: Report of Vivace-LTE — Data Link

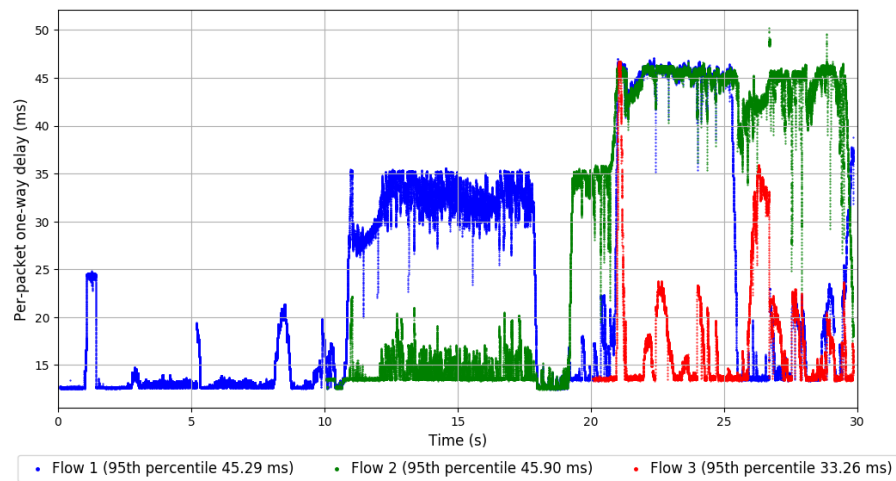
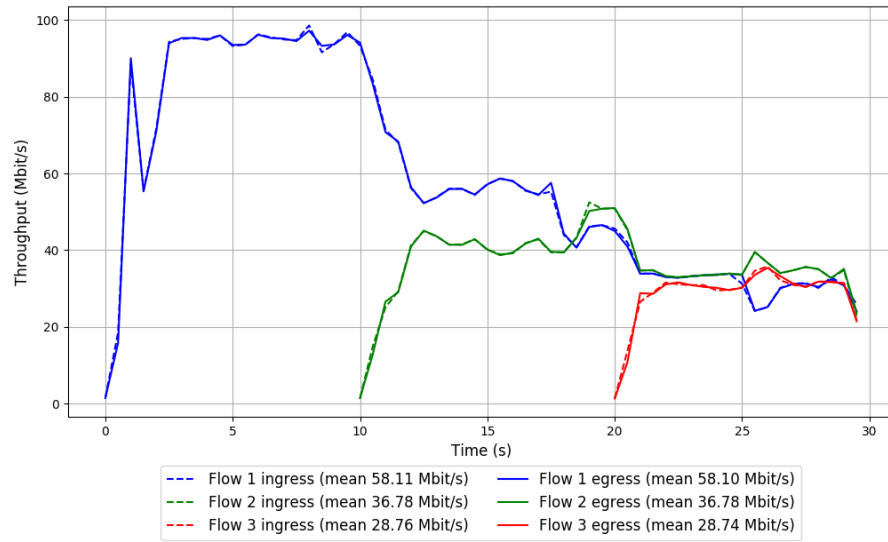


Run 9: Statistics of Vivace-LTE

Start at: 2018-03-06 14:44:53
End at: 2018-03-06 14:45:23
Local clock offset: 3.712 ms
Remote clock offset: -4.279 ms

Below is generated by plot.py at 2018-03-06 19:23:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.99 Mbit/s
95th percentile per-packet one-way delay: 45.674 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 58.10 Mbit/s
95th percentile per-packet one-way delay: 45.286 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 36.78 Mbit/s
95th percentile per-packet one-way delay: 45.898 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 28.74 Mbit/s
95th percentile per-packet one-way delay: 33.258 ms
Loss rate: 0.28%

Run 9: Report of Vivace-LTE — Data Link



Run 10: Statistics of Vivace-LTE

Start at: 2018-03-06 15:06:04
End at: 2018-03-06 15:06:34
Local clock offset: 0.841 ms
Remote clock offset: -4.912 ms

Below is generated by plot.py at 2018-03-06 19:23:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.62 Mbit/s
95th percentile per-packet one-way delay: 40.330 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 57.16 Mbit/s
95th percentile per-packet one-way delay: 40.214 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 43.68 Mbit/s
95th percentile per-packet one-way delay: 30.669 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 16.49 Mbit/s
95th percentile per-packet one-way delay: 51.070 ms
Loss rate: 1.01%

Run 10: Report of Vivace-LTE — Data Link

