

Pantheon Report

Generated at 2018-08-09 14:20:17 (UTC).

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

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.

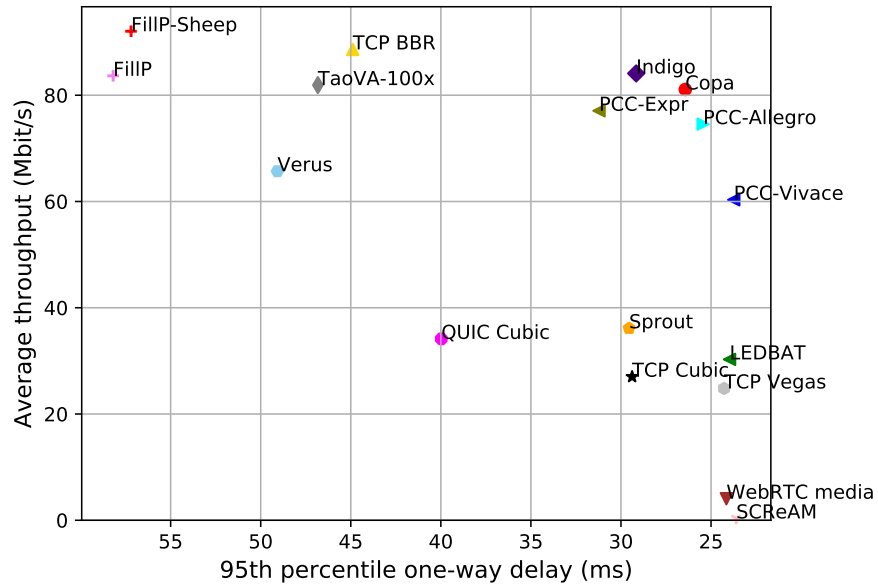
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

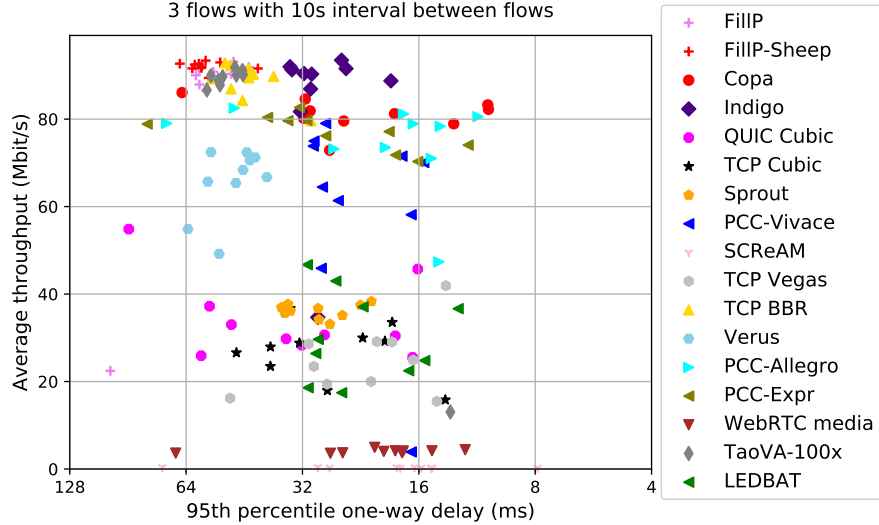
Git summary:

```
branch: master @ 7772df3413f4b07ba0096dfdd8e9d4c6dca623e3
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
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/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webRTC @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

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



test from AWS India 1 to India, 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	58.66	32.55	24.94	41.72	46.36	47.44	10.60	11.01	11.12
Copa	10	47.71	34.19	31.86	26.20	25.55	24.88	8.12	8.54	9.05
TCP Cubic	10	14.98	11.93	12.29	31.41	24.44	24.60	0.70	0.81	0.61
FillP	10	55.91	36.99	23.85	57.78	58.32	57.48	26.54	30.57	33.29
FillP-Sheep	10	54.50	39.49	34.12	54.44	56.91	59.04	18.96	24.83	30.89
Indigo	10	50.26	34.92	33.22	26.84	27.07	29.98	7.85	8.96	9.11
LEDBAT	10	17.15	14.71	11.09	23.09	20.37	22.75	0.53	0.65	0.92
PCC-Allegro	10	62.50	14.67	7.02	24.02	25.86	24.22	7.32	7.88	7.72
PCC-Expr	10	58.72	22.06	11.14	30.48	28.11	35.00	7.55	6.48	6.52
QUIC Cubic	10	19.56	14.89	14.18	40.57	28.74	28.35	1.91	2.27	2.85
SCReAM	10	0.16	0.18	0.20	22.73	22.08	20.60	0.75	0.42	0.48
Sprout	10	18.59	17.69	17.50	27.10	29.55	29.07	1.92	2.50	3.61
TaoVA-100x	10	49.12	34.81	29.17	43.99	46.80	49.62	11.81	15.69	19.40
TCP Vegas	10	13.55	11.68	10.47	25.35	19.18	23.57	1.73	1.18	1.21
Verus	10	42.81	24.97	20.71	45.67	50.80	51.44	28.30	39.75	43.90
PCC-Vivace	10	43.76	19.93	10.03	21.61	21.31	21.64	5.11	5.48	6.01
WebRTC media	10	2.15	1.47	0.45	23.08	22.67	22.00	0.40	0.41	0.29

Run 1: Statistics of TCP BBR

Start at: 2018-08-09 11:00:54

End at: 2018-08-09 11:01:24

Local clock offset: 3.983 ms

Remote clock offset: -7.28 ms

Below is generated by plot.py at 2018-08-09 14:02:10

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.27 Mbit/s

95th percentile per-packet one-way delay: 42.889 ms

Loss rate: 11.73%

-- Flow 1:

Average throughput: 59.63 Mbit/s

95th percentile per-packet one-way delay: 41.235 ms

Loss rate: 11.96%

-- Flow 2:

Average throughput: 37.49 Mbit/s

95th percentile per-packet one-way delay: 44.506 ms

Loss rate: 11.54%

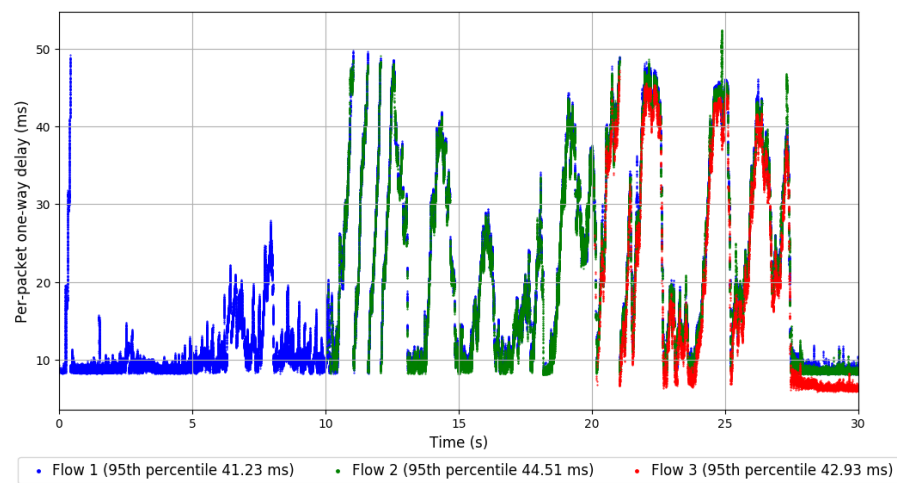
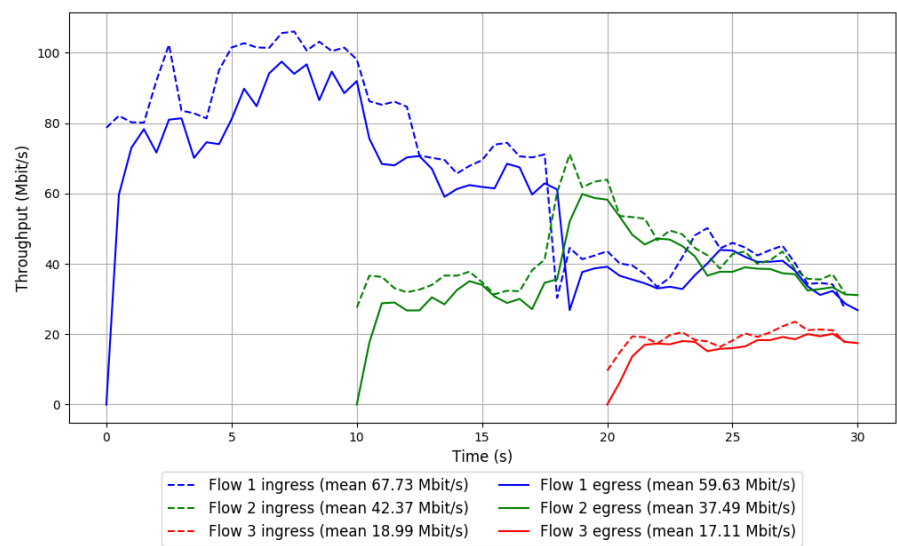
-- Flow 3:

Average throughput: 17.11 Mbit/s

95th percentile per-packet one-way delay: 42.930 ms

Loss rate: 10.14%

Run 1: Report of TCP BBR — Data Link

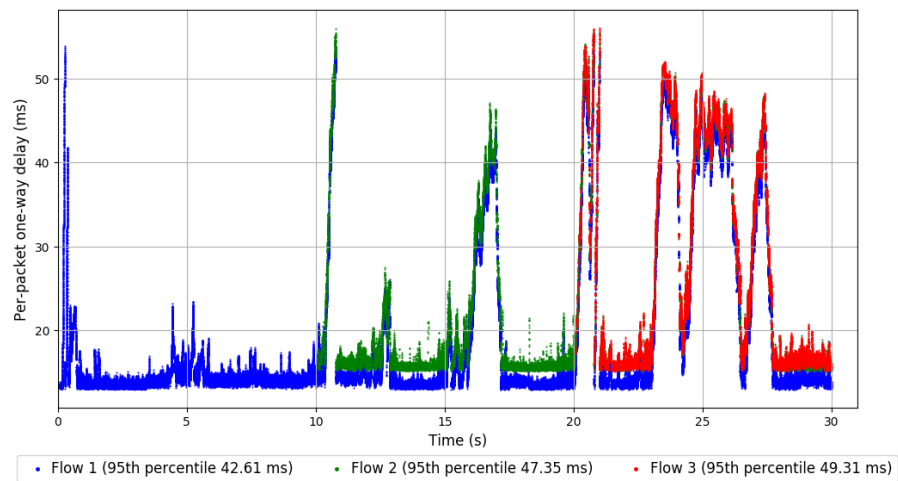
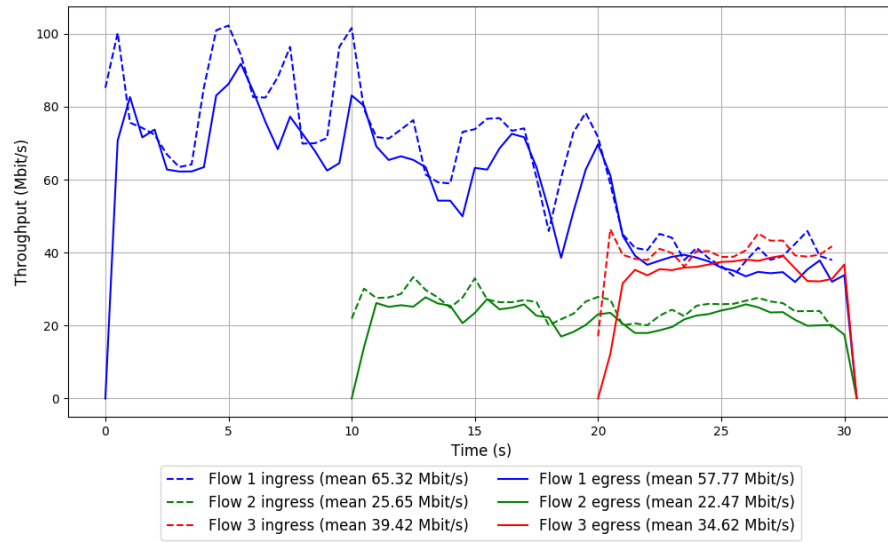


Run 2: Statistics of TCP BBR

Start at: 2018-08-09 11:20:20
End at: 2018-08-09 11:20:50
Local clock offset: -3.33 ms
Remote clock offset: -4.746 ms

Below is generated by plot.py at 2018-08-09 14:02:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.25 Mbit/s
95th percentile per-packet one-way delay: 45.741 ms
Loss rate: 11.79%
-- Flow 1:
Average throughput: 57.77 Mbit/s
95th percentile per-packet one-way delay: 42.609 ms
Loss rate: 11.56%
-- Flow 2:
Average throughput: 22.47 Mbit/s
95th percentile per-packet one-way delay: 47.354 ms
Loss rate: 12.39%
-- Flow 3:
Average throughput: 34.62 Mbit/s
95th percentile per-packet one-way delay: 49.314 ms
Loss rate: 12.19%

Run 2: Report of TCP BBR — Data Link

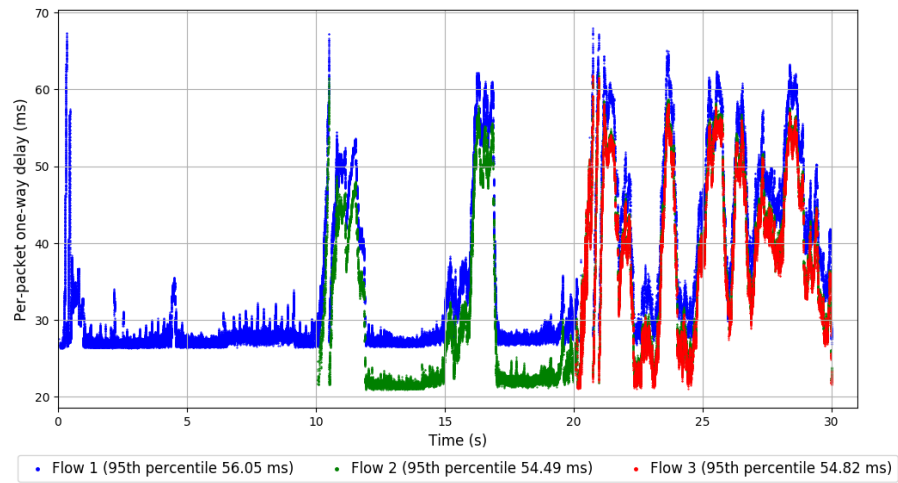
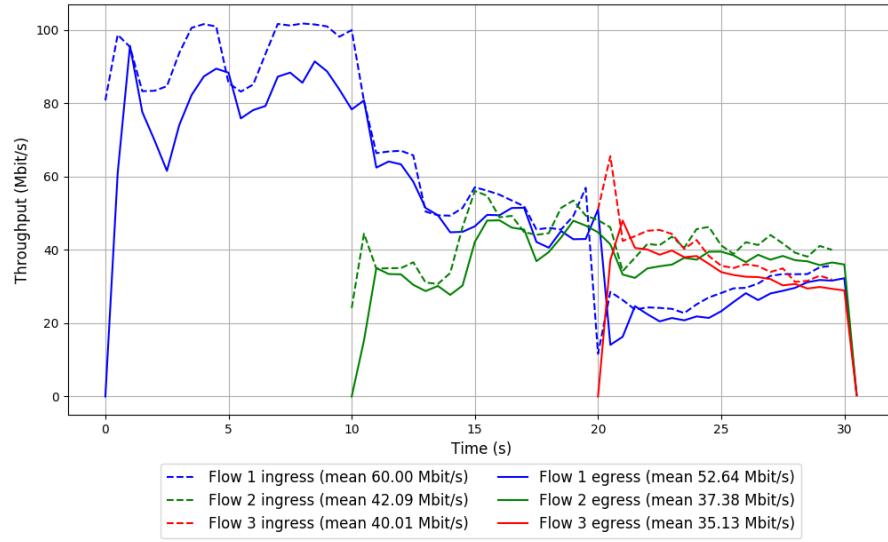


Run 3: Statistics of TCP BBR

Start at: 2018-08-09 11:40:06
End at: 2018-08-09 11:40:36
Local clock offset: -11.013 ms
Remote clock offset: -9.363 ms

Below is generated by plot.py at 2018-08-09 14:02:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.22 Mbit/s
95th percentile per-packet one-way delay: 55.033 ms
Loss rate: 11.97%
-- Flow 1:
Average throughput: 52.64 Mbit/s
95th percentile per-packet one-way delay: 56.051 ms
Loss rate: 12.28%
-- Flow 2:
Average throughput: 37.38 Mbit/s
95th percentile per-packet one-way delay: 54.488 ms
Loss rate: 11.19%
-- Flow 3:
Average throughput: 35.13 Mbit/s
95th percentile per-packet one-way delay: 54.816 ms
Loss rate: 12.24%

Run 3: Report of TCP BBR — Data Link

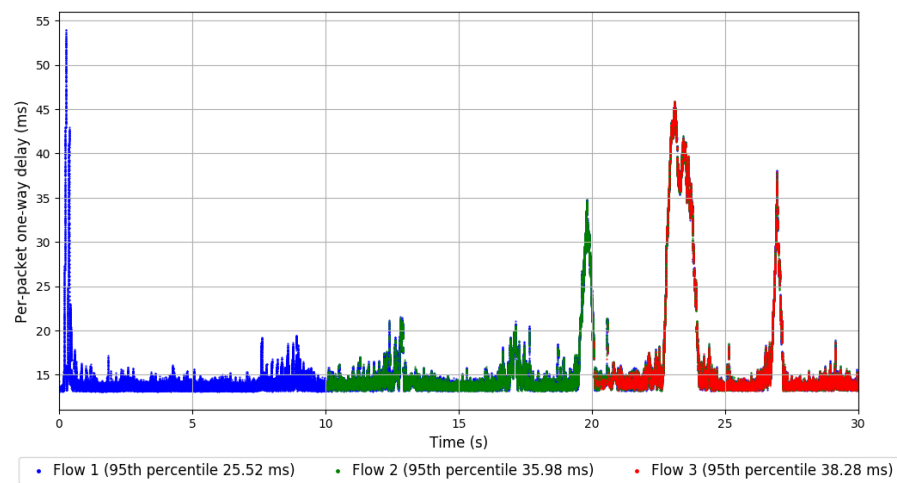
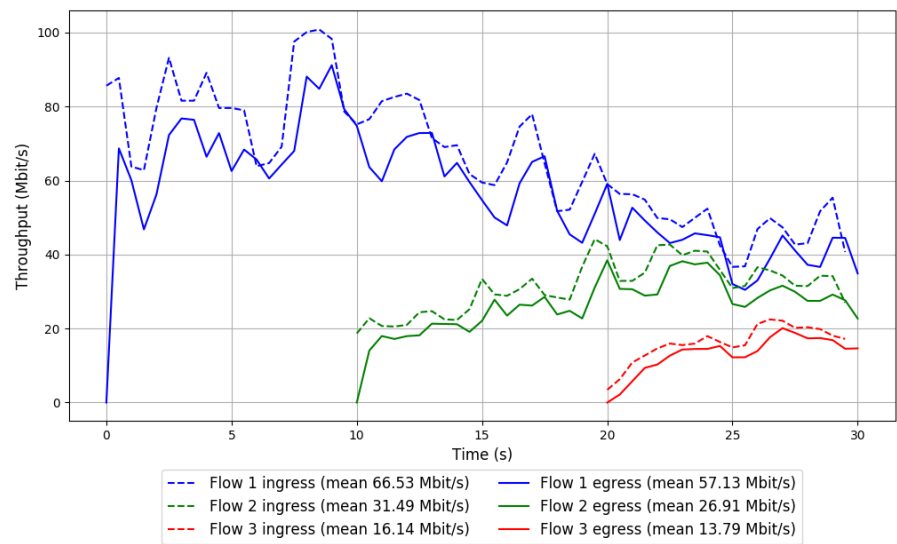


Run 4: Statistics of TCP BBR

Start at: 2018-08-09 11:59:33
End at: 2018-08-09 12:00:03
Local clock offset: -4.037 ms
Remote clock offset: -16.071 ms

Below is generated by plot.py at 2018-08-09 14:02:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.63 Mbit/s
95th percentile per-packet one-way delay: 30.418 ms
Loss rate: 14.25%
-- Flow 1:
Average throughput: 57.13 Mbit/s
95th percentile per-packet one-way delay: 25.515 ms
Loss rate: 14.13%
-- Flow 2:
Average throughput: 26.91 Mbit/s
95th percentile per-packet one-way delay: 35.976 ms
Loss rate: 14.56%
-- Flow 3:
Average throughput: 13.79 Mbit/s
95th percentile per-packet one-way delay: 38.282 ms
Loss rate: 14.59%

Run 4: Report of TCP BBR — Data Link

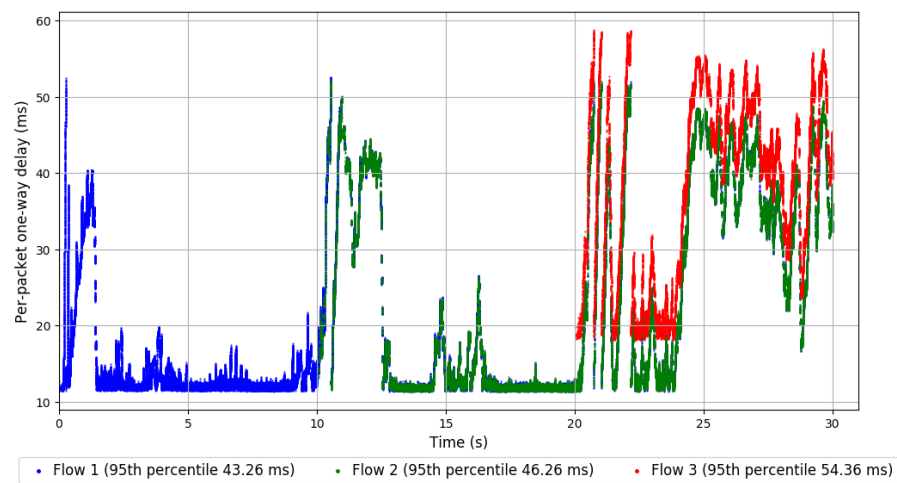
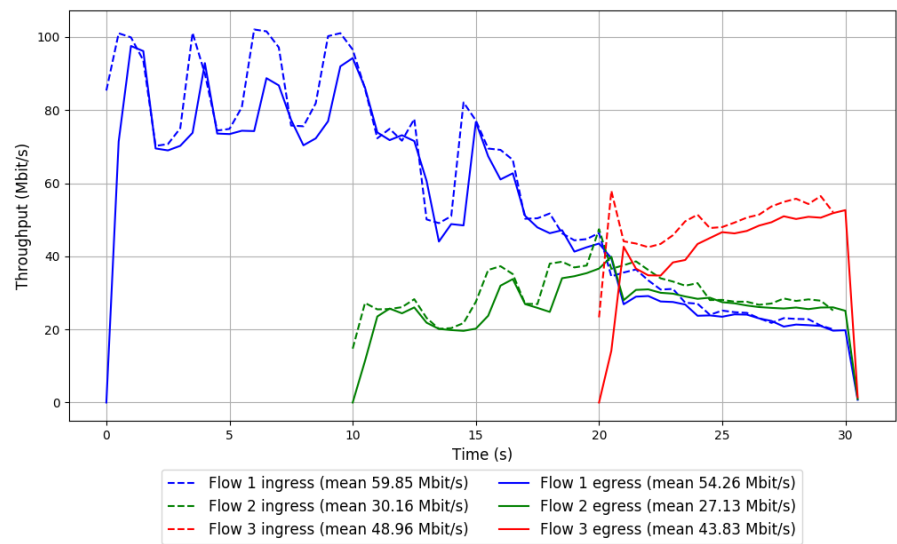


Run 5: Statistics of TCP BBR

Start at: 2018-08-09 12:19:58
End at: 2018-08-09 12:20:28
Local clock offset: -2.486 ms
Remote clock offset: -8.913 ms

Below is generated by plot.py at 2018-08-09 14:02:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.90 Mbit/s
95th percentile per-packet one-way delay: 48.971 ms
Loss rate: 9.60%
-- Flow 1:
Average throughput: 54.26 Mbit/s
95th percentile per-packet one-way delay: 43.255 ms
Loss rate: 9.27%
-- Flow 2:
Average throughput: 27.13 Mbit/s
95th percentile per-packet one-way delay: 46.259 ms
Loss rate: 9.99%
-- Flow 3:
Average throughput: 43.83 Mbit/s
95th percentile per-packet one-way delay: 54.360 ms
Loss rate: 10.34%

Run 5: Report of TCP BBR — Data Link

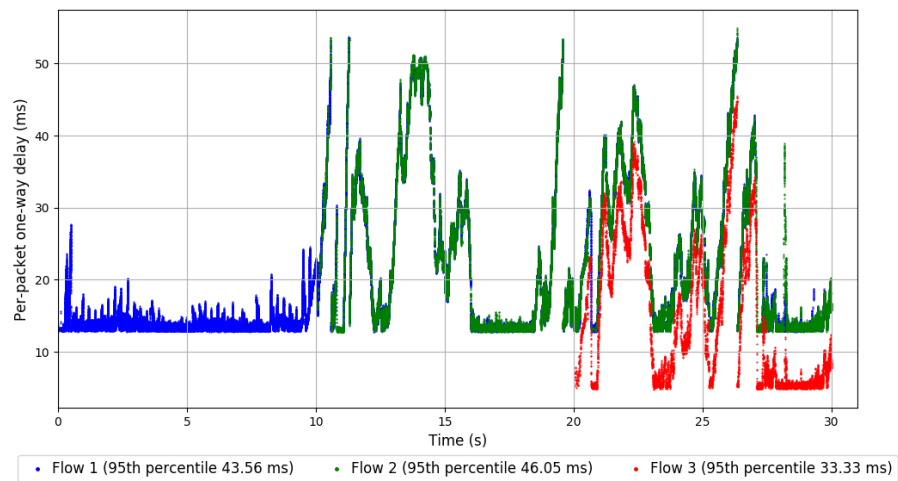
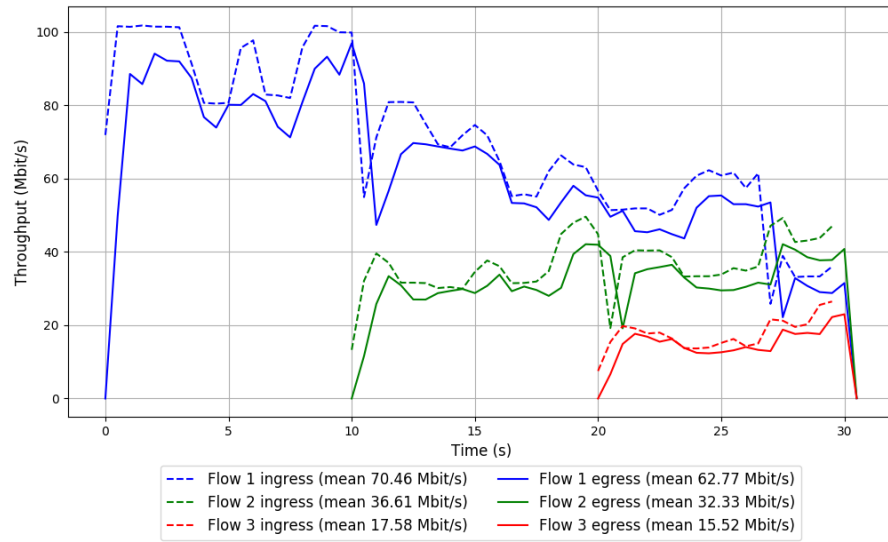


Run 6: Statistics of TCP BBR

Start at: 2018-08-09 12:39:22
End at: 2018-08-09 12:39:52
Local clock offset: 3.309 ms
Remote clock offset: -4.344 ms

Below is generated by plot.py at 2018-08-09 14:02:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.45 Mbit/s
95th percentile per-packet one-way delay: 44.099 ms
Loss rate: 11.18%
-- Flow 1:
Average throughput: 62.77 Mbit/s
95th percentile per-packet one-way delay: 43.561 ms
Loss rate: 10.94%
-- Flow 2:
Average throughput: 32.33 Mbit/s
95th percentile per-packet one-way delay: 46.045 ms
Loss rate: 11.77%
-- Flow 3:
Average throughput: 15.52 Mbit/s
95th percentile per-packet one-way delay: 33.327 ms
Loss rate: 11.69%

Run 6: Report of TCP BBR — Data Link

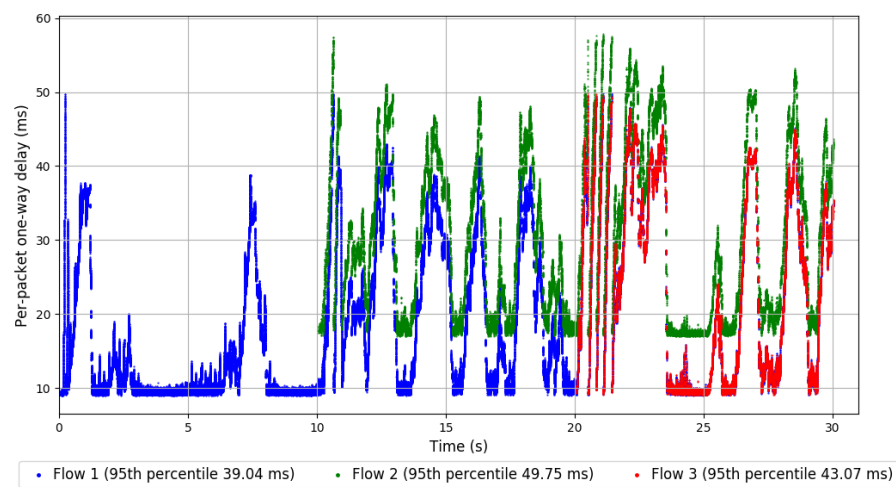
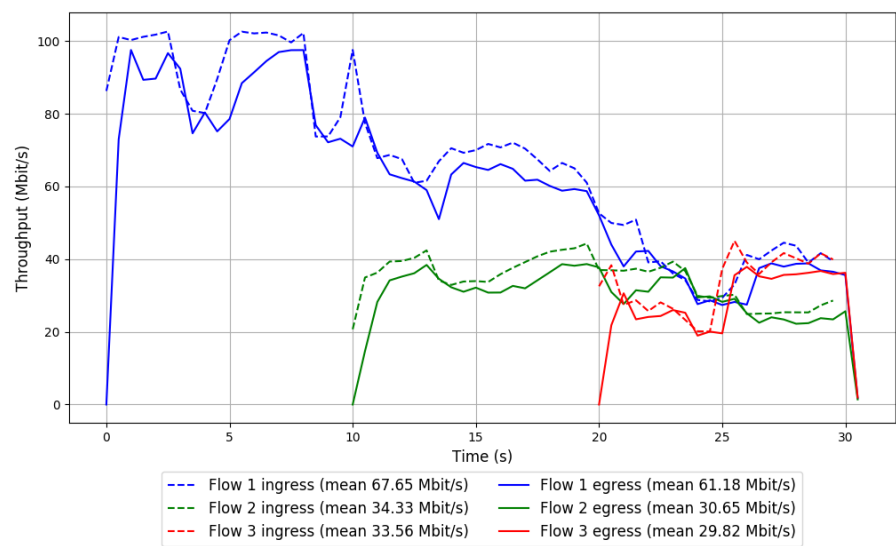


Run 7: Statistics of TCP BBR

Start at: 2018-08-09 12:58:43
End at: 2018-08-09 12:59:13
Local clock offset: 0.466 ms
Remote clock offset: -5.546 ms

Below is generated by plot.py at 2018-08-09 14:02:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.52 Mbit/s
95th percentile per-packet one-way delay: 44.122 ms
Loss rate: 9.91%
-- Flow 1:
Average throughput: 61.18 Mbit/s
95th percentile per-packet one-way delay: 39.041 ms
Loss rate: 9.49%
-- Flow 2:
Average throughput: 30.65 Mbit/s
95th percentile per-packet one-way delay: 49.748 ms
Loss rate: 10.66%
-- Flow 3:
Average throughput: 29.82 Mbit/s
95th percentile per-packet one-way delay: 43.071 ms
Loss rate: 10.94%

Run 7: Report of TCP BBR — Data Link

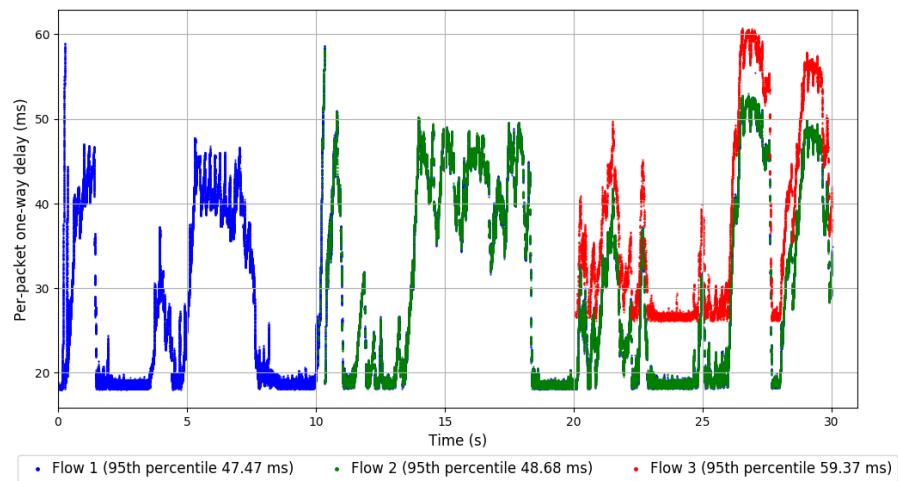
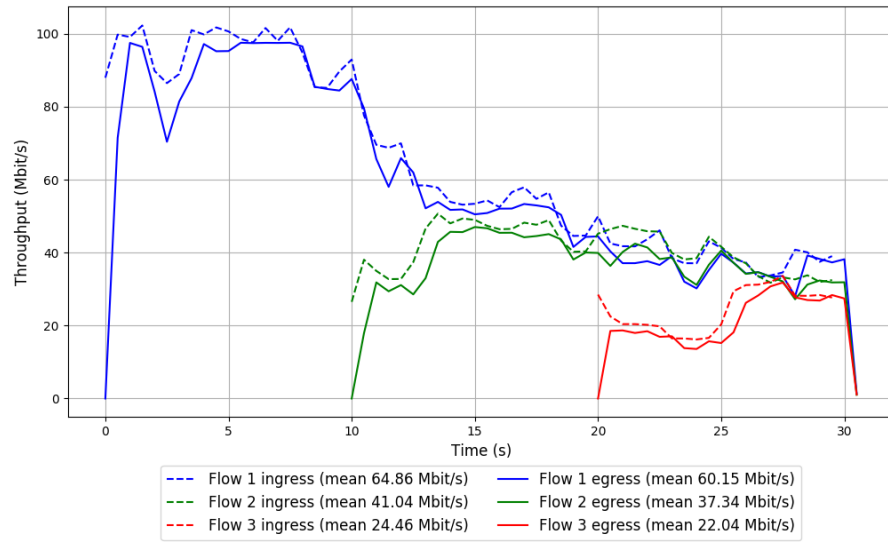


Run 8: Statistics of TCP BBR

Start at: 2018-08-09 13:18:27
End at: 2018-08-09 13:18:57
Local clock offset: -8.975 ms
Remote clock offset: -6.238 ms

Below is generated by plot.py at 2018-08-09 14:02:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.34 Mbit/s
95th percentile per-packet one-way delay: 48.888 ms
Loss rate: 7.92%
-- Flow 1:
Average throughput: 60.15 Mbit/s
95th percentile per-packet one-way delay: 47.466 ms
Loss rate: 7.22%
-- Flow 2:
Average throughput: 37.34 Mbit/s
95th percentile per-packet one-way delay: 48.683 ms
Loss rate: 8.99%
-- Flow 3:
Average throughput: 22.04 Mbit/s
95th percentile per-packet one-way delay: 59.371 ms
Loss rate: 9.85%

Run 8: Report of TCP BBR — Data Link

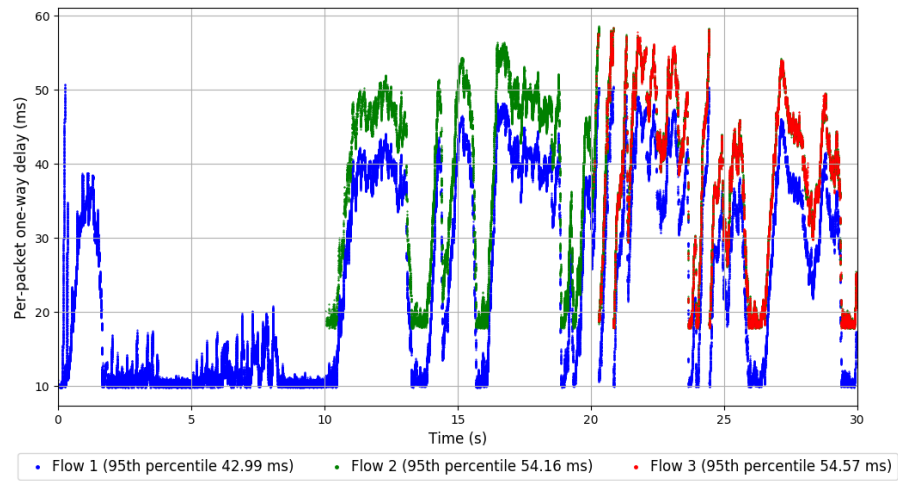
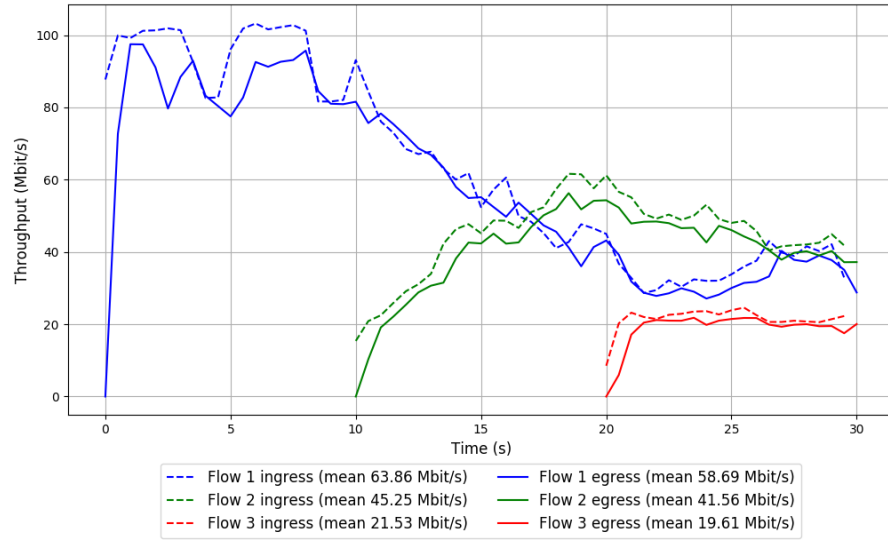


Run 9: Statistics of TCP BBR

Start at: 2018-08-09 13:37:54
End at: 2018-08-09 13:38:24
Local clock offset: -0.77 ms
Remote clock offset: -7.873 ms

Below is generated by plot.py at 2018-08-09 14:02:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.86 Mbit/s
95th percentile per-packet one-way delay: 50.727 ms
Loss rate: 8.19%
-- Flow 1:
Average throughput: 58.69 Mbit/s
95th percentile per-packet one-way delay: 42.989 ms
Loss rate: 8.08%
-- Flow 2:
Average throughput: 41.56 Mbit/s
95th percentile per-packet one-way delay: 54.159 ms
Loss rate: 8.18%
-- Flow 3:
Average throughput: 19.61 Mbit/s
95th percentile per-packet one-way delay: 54.570 ms
Loss rate: 9.13%

Run 9: Report of TCP BBR — Data Link

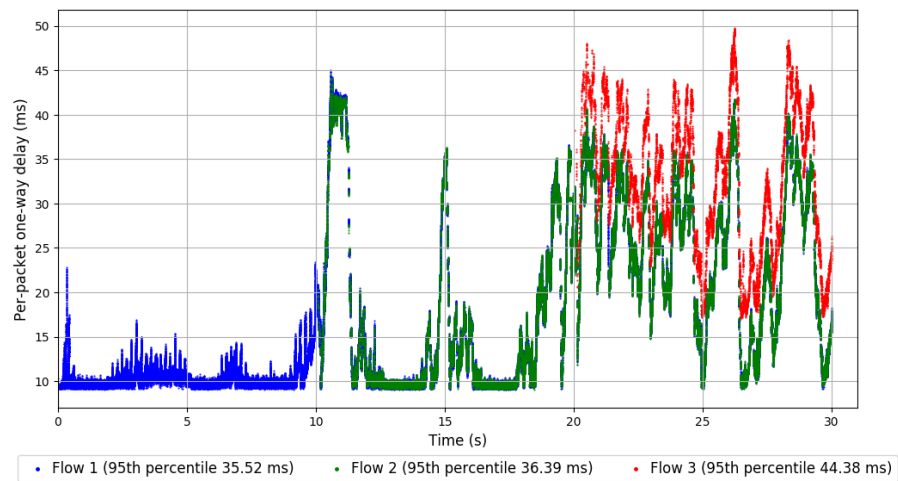
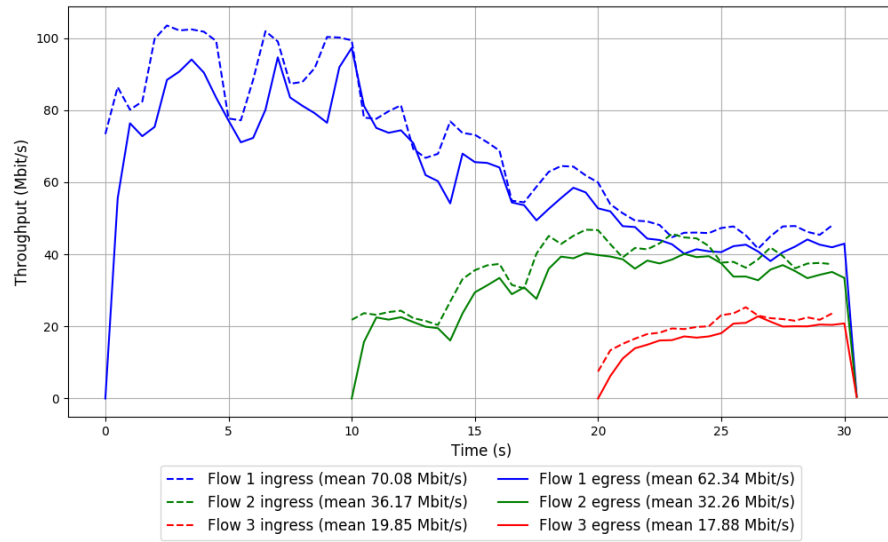


Run 10: Statistics of TCP BBR

Start at: 2018-08-09 13:57:21
End at: 2018-08-09 13:57:51
Local clock offset: -1.767 ms
Remote clock offset: -7.466 ms

Below is generated by plot.py at 2018-08-09 14:03:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.76 Mbit/s
95th percentile per-packet one-way delay: 37.997 ms
Loss rate: 10.92%
-- Flow 1:
Average throughput: 62.34 Mbit/s
95th percentile per-packet one-way delay: 35.520 ms
Loss rate: 11.02%
-- Flow 2:
Average throughput: 32.26 Mbit/s
95th percentile per-packet one-way delay: 36.390 ms
Loss rate: 10.82%
-- Flow 3:
Average throughput: 17.88 Mbit/s
95th percentile per-packet one-way delay: 44.381 ms
Loss rate: 10.14%

Run 10: Report of TCP BBR — Data Link

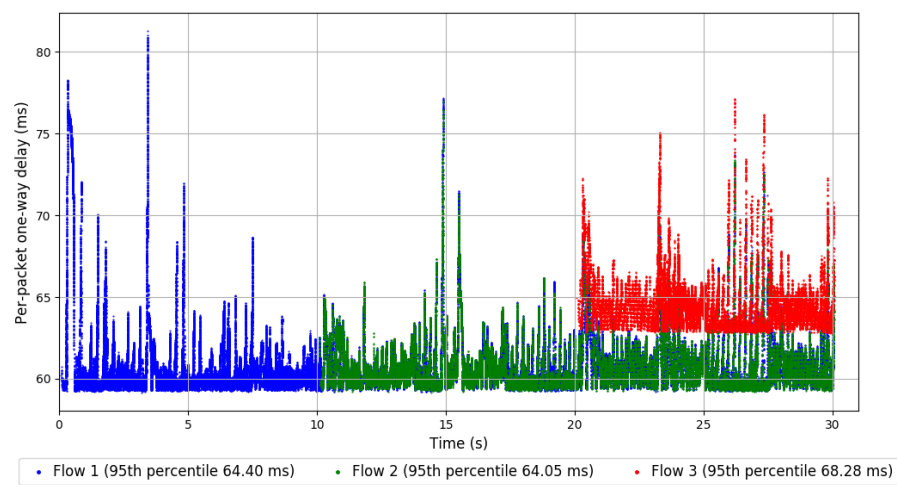
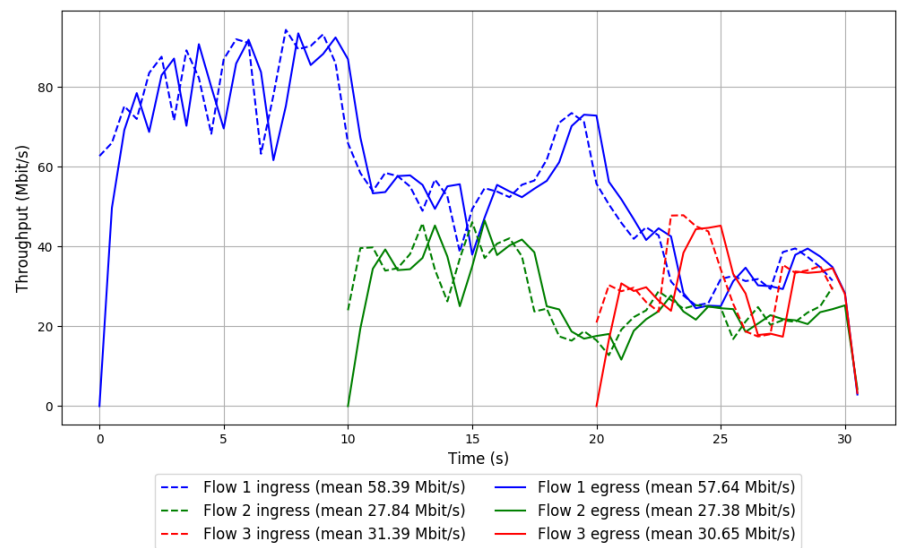


Run 1: Statistics of Copa

Start at: 2018-08-09 08:42:17
End at: 2018-08-09 08:42:47
Local clock offset: 3.117 ms
Remote clock offset: 46.247 ms

Below is generated by plot.py at 2018-08-09 14:03:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.07 Mbit/s
95th percentile per-packet one-way delay: 65.556 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 57.64 Mbit/s
95th percentile per-packet one-way delay: 64.397 ms
Loss rate: 1.25%
-- Flow 2:
Average throughput: 27.38 Mbit/s
95th percentile per-packet one-way delay: 64.051 ms
Loss rate: 1.62%
-- Flow 3:
Average throughput: 30.65 Mbit/s
95th percentile per-packet one-way delay: 68.279 ms
Loss rate: 2.36%

Run 1: Report of Copa — Data Link

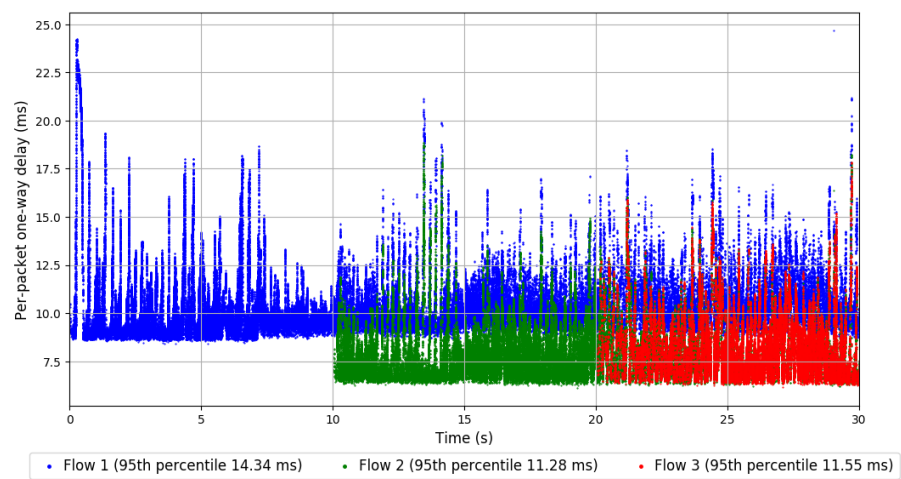
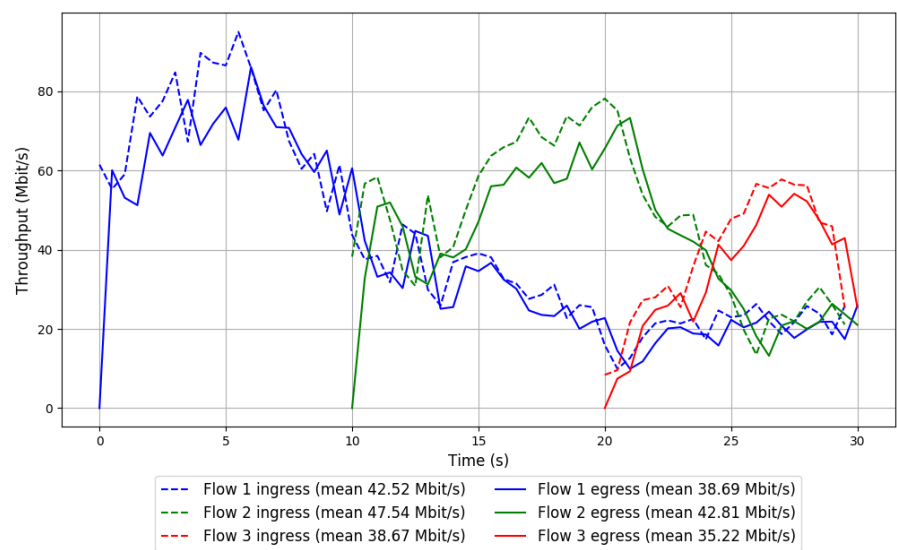


Run 2: Statistics of Copa

Start at: 2018-08-09 11:03:10
End at: 2018-08-09 11:03:40
Local clock offset: 3.682 ms
Remote clock offset: -6.705 ms

Below is generated by plot.py at 2018-08-09 14:03:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.92 Mbit/s
95th percentile per-packet one-way delay: 12.998 ms
Loss rate: 9.33%
-- Flow 1:
Average throughput: 38.69 Mbit/s
95th percentile per-packet one-way delay: 14.339 ms
Loss rate: 9.00%
-- Flow 2:
Average throughput: 42.81 Mbit/s
95th percentile per-packet one-way delay: 11.280 ms
Loss rate: 9.94%
-- Flow 3:
Average throughput: 35.22 Mbit/s
95th percentile per-packet one-way delay: 11.547 ms
Loss rate: 8.94%

Run 2: Report of Copa — Data Link

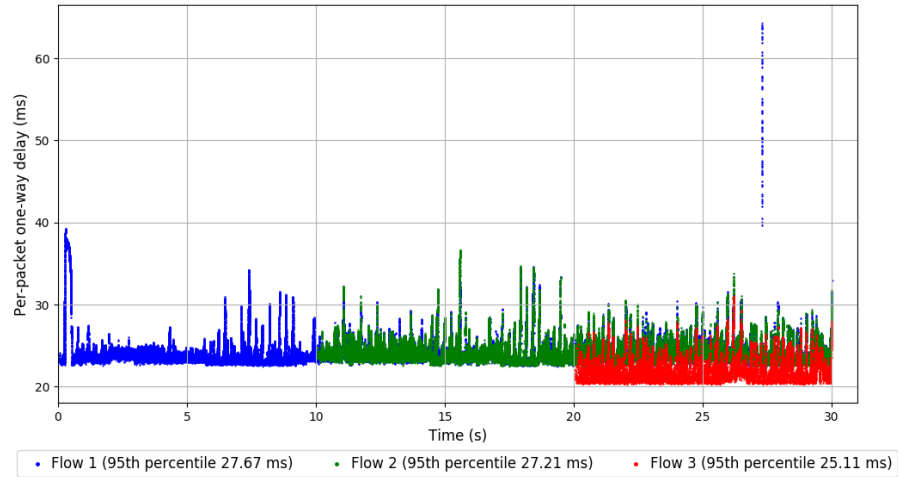
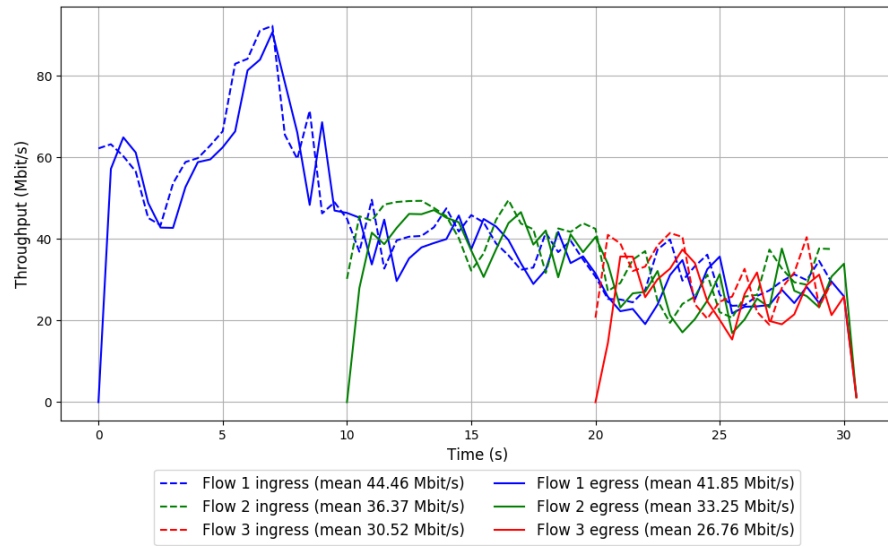


Run 3: Statistics of Copa

Start at: 2018-08-09 11:22:40
End at: 2018-08-09 11:23:10
Local clock offset: -10.59 ms
Remote clock offset: -4.242 ms

Below is generated by plot.py at 2018-08-09 14:03:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.89 Mbit/s
95th percentile per-packet one-way delay: 27.215 ms
Loss rate: 7.52%
-- Flow 1:
Average throughput: 41.85 Mbit/s
95th percentile per-packet one-way delay: 27.673 ms
Loss rate: 5.86%
-- Flow 2:
Average throughput: 33.25 Mbit/s
95th percentile per-packet one-way delay: 27.211 ms
Loss rate: 8.57%
-- Flow 3:
Average throughput: 26.76 Mbit/s
95th percentile per-packet one-way delay: 25.112 ms
Loss rate: 12.29%

Run 3: Report of Copa — Data Link

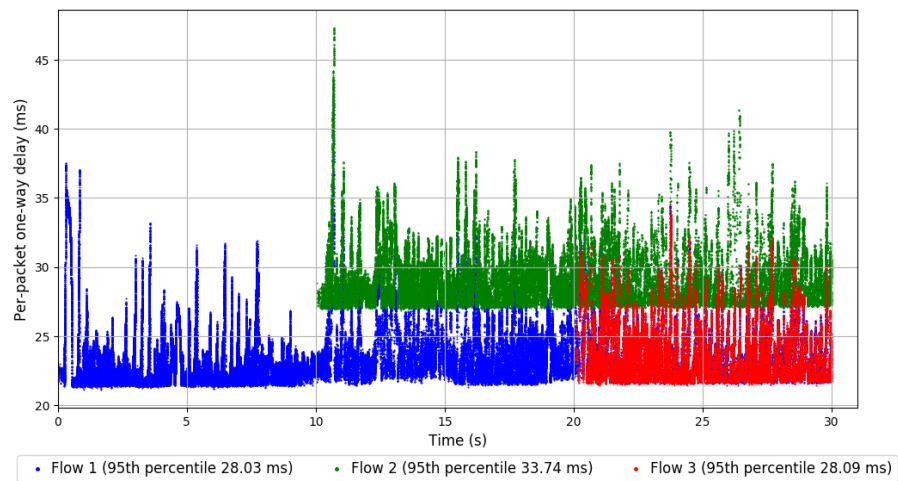
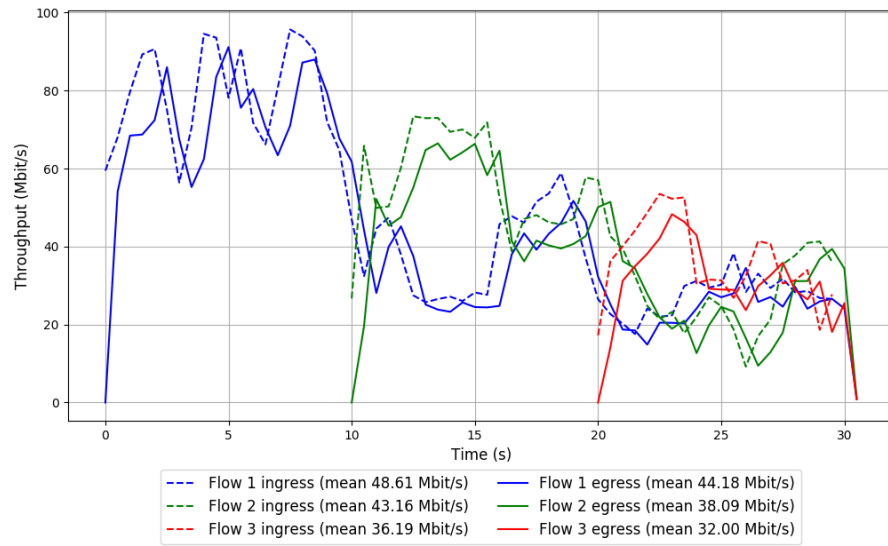


Run 4: Statistics of Copa

Start at: 2018-08-09 11:42:25
End at: 2018-08-09 11:42:55
Local clock offset: -11.928 ms
Remote clock offset: -11.126 ms

Below is generated by plot.py at 2018-08-09 14:03:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.18 Mbit/s
95th percentile per-packet one-way delay: 31.784 ms
Loss rate: 10.30%
-- Flow 1:
Average throughput: 44.18 Mbit/s
95th percentile per-packet one-way delay: 28.027 ms
Loss rate: 9.11%
-- Flow 2:
Average throughput: 38.09 Mbit/s
95th percentile per-packet one-way delay: 33.744 ms
Loss rate: 11.76%
-- Flow 3:
Average throughput: 32.00 Mbit/s
95th percentile per-packet one-way delay: 28.085 ms
Loss rate: 11.63%

Run 4: Report of Copa — Data Link

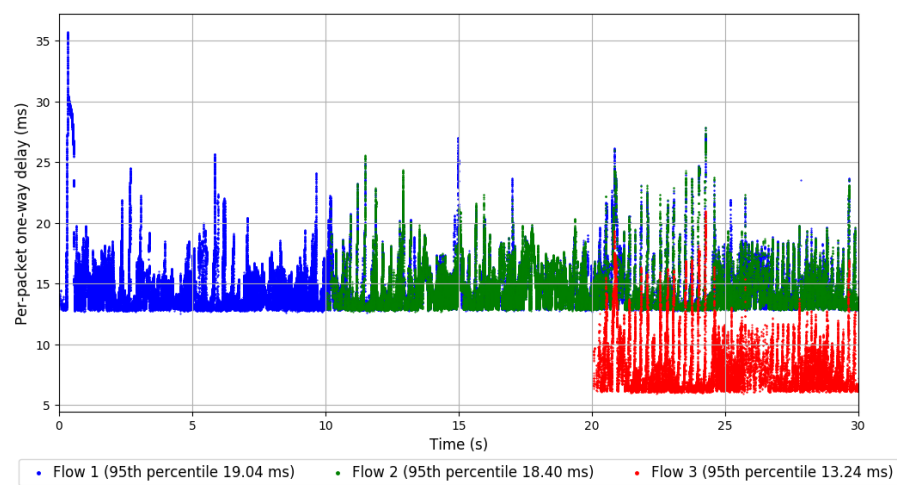
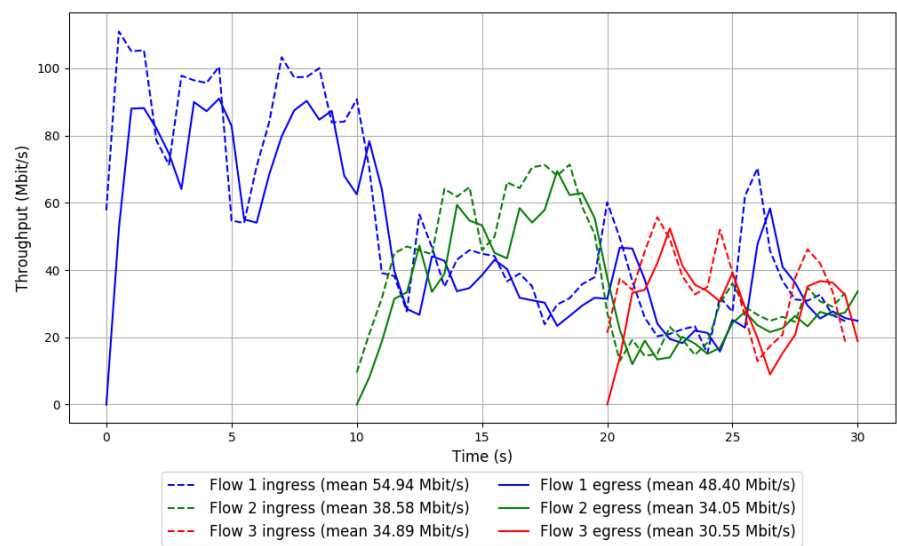


Run 5: Statistics of Copa

Start at: 2018-08-09 12:01:48
End at: 2018-08-09 12:02:18
Local clock offset: 2.52 ms
Remote clock offset: -17.015 ms

Below is generated by plot.py at 2018-08-09 14:03:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.24 Mbit/s
95th percentile per-packet one-way delay: 18.490 ms
Loss rate: 11.94%
-- Flow 1:
Average throughput: 48.40 Mbit/s
95th percentile per-packet one-way delay: 19.036 ms
Loss rate: 11.91%
-- Flow 2:
Average throughput: 34.05 Mbit/s
95th percentile per-packet one-way delay: 18.404 ms
Loss rate: 11.77%
-- Flow 3:
Average throughput: 30.55 Mbit/s
95th percentile per-packet one-way delay: 13.241 ms
Loss rate: 12.44%

Run 5: Report of Copa — Data Link

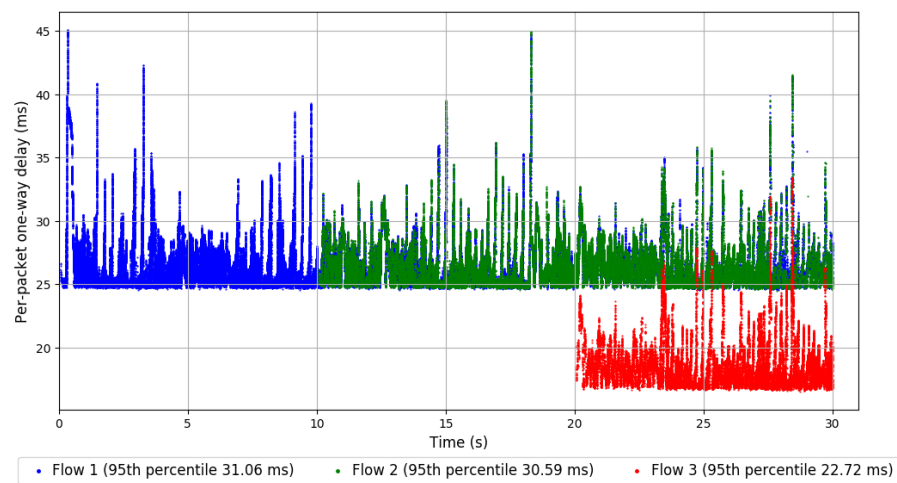
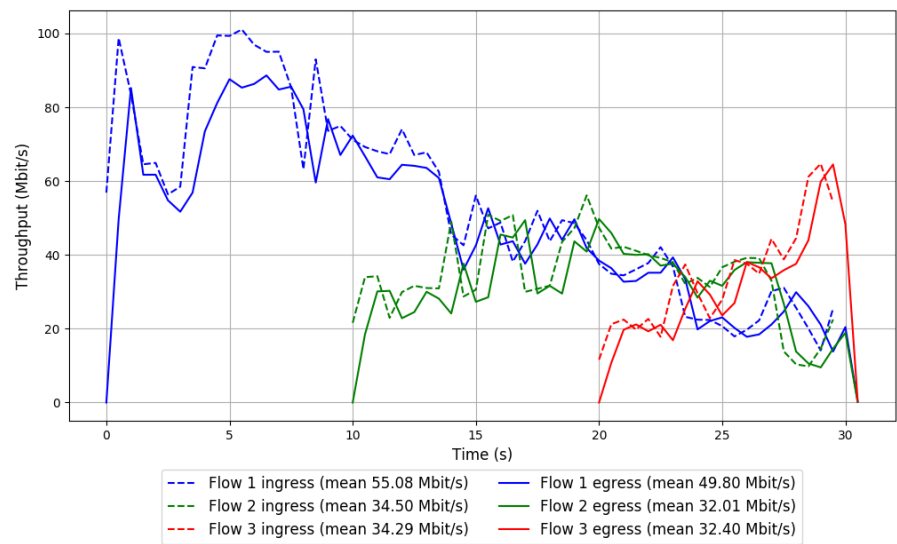


Run 6: Statistics of Copa

Start at: 2018-08-09 12:22:16
End at: 2018-08-09 12:22:46
Local clock offset: -8.46 ms
Remote clock offset: -7.549 ms

Below is generated by plot.py at 2018-08-09 14:03:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.89 Mbit/s
95th percentile per-packet one-way delay: 30.573 ms
Loss rate: 8.50%
-- Flow 1:
Average throughput: 49.80 Mbit/s
95th percentile per-packet one-way delay: 31.058 ms
Loss rate: 9.63%
-- Flow 2:
Average throughput: 32.01 Mbit/s
95th percentile per-packet one-way delay: 30.593 ms
Loss rate: 7.27%
-- Flow 3:
Average throughput: 32.40 Mbit/s
95th percentile per-packet one-way delay: 22.723 ms
Loss rate: 5.53%

Run 6: Report of Copa — Data Link

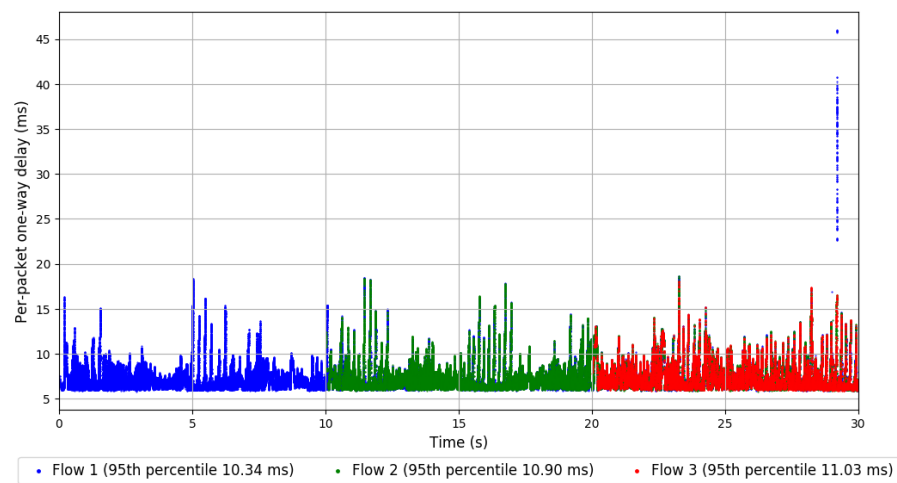
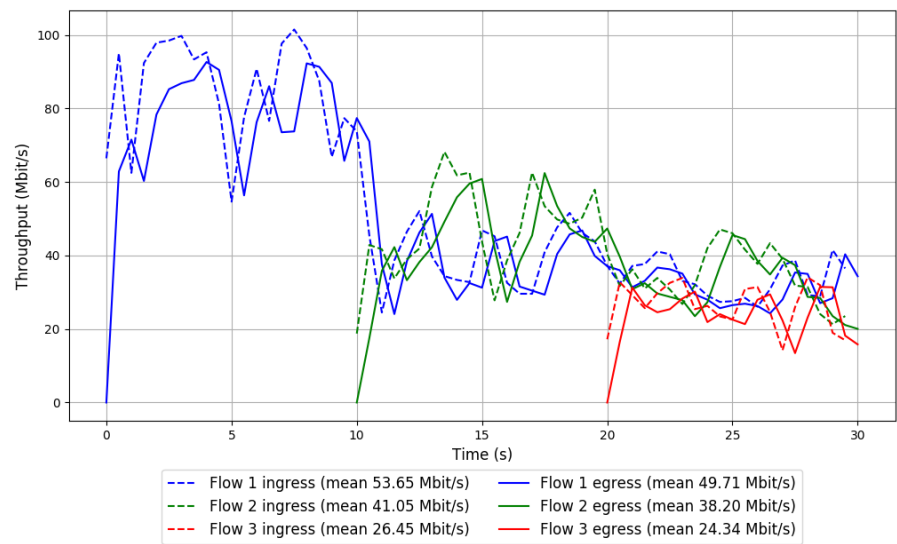


Run 7: Statistics of Copa

Start at: 2018-08-09 12:41:39
End at: 2018-08-09 12:42:09
Local clock offset: 2.11 ms
Remote clock offset: -4.126 ms

Below is generated by plot.py at 2018-08-09 14:05:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.25 Mbit/s
95th percentile per-packet one-way delay: 10.613 ms
Loss rate: 7.28%
-- Flow 1:
Average throughput: 49.71 Mbit/s
95th percentile per-packet one-way delay: 10.338 ms
Loss rate: 7.34%
-- Flow 2:
Average throughput: 38.20 Mbit/s
95th percentile per-packet one-way delay: 10.904 ms
Loss rate: 6.95%
-- Flow 3:
Average throughput: 24.34 Mbit/s
95th percentile per-packet one-way delay: 11.030 ms
Loss rate: 7.99%

Run 7: Report of Copa — Data Link

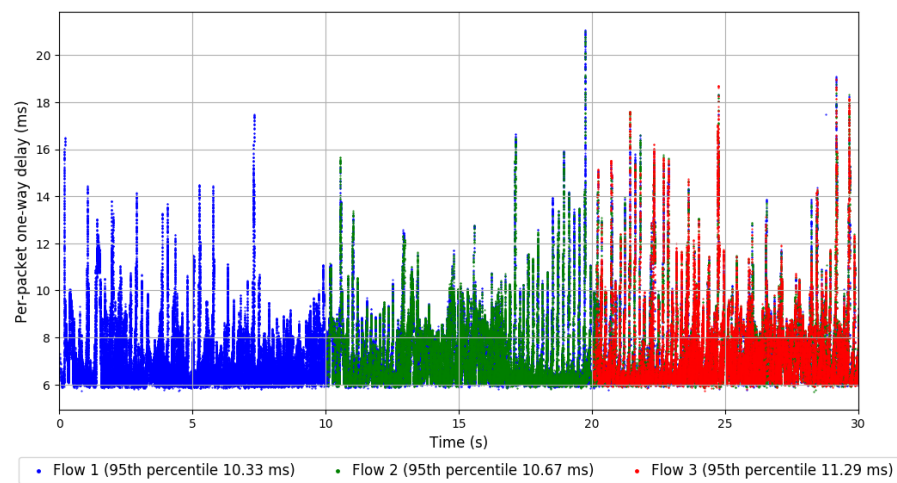
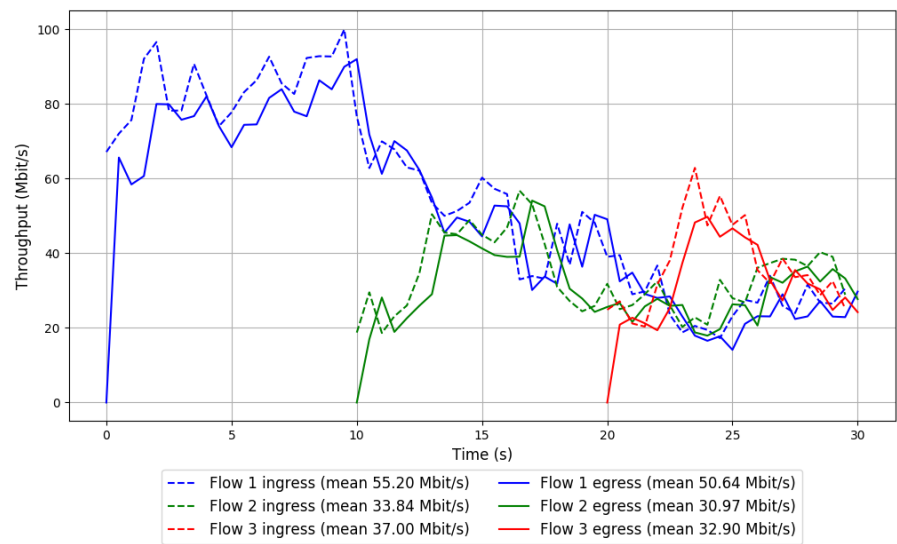


Run 8: Statistics of Copa

Start at: 2018-08-09 13:01:00
End at: 2018-08-09 13:01:30
Local clock offset: 3.765 ms
Remote clock offset: -5.483 ms

Below is generated by plot.py at 2018-08-09 14:05:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.24 Mbit/s
95th percentile per-packet one-way delay: 10.568 ms
Loss rate: 8.70%
-- Flow 1:
Average throughput: 50.64 Mbit/s
95th percentile per-packet one-way delay: 10.333 ms
Loss rate: 8.25%
-- Flow 2:
Average throughput: 30.97 Mbit/s
95th percentile per-packet one-way delay: 10.674 ms
Loss rate: 8.48%
-- Flow 3:
Average throughput: 32.90 Mbit/s
95th percentile per-packet one-way delay: 11.295 ms
Loss rate: 11.06%

Run 8: Report of Copa — Data Link

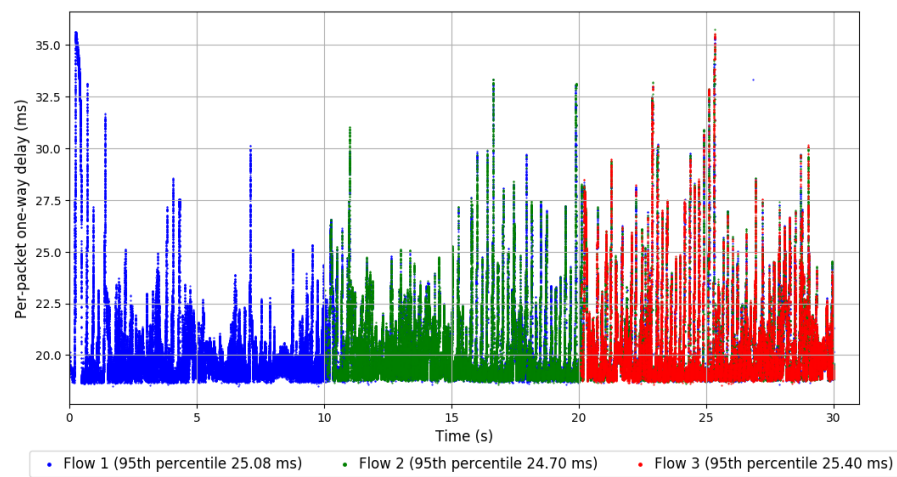
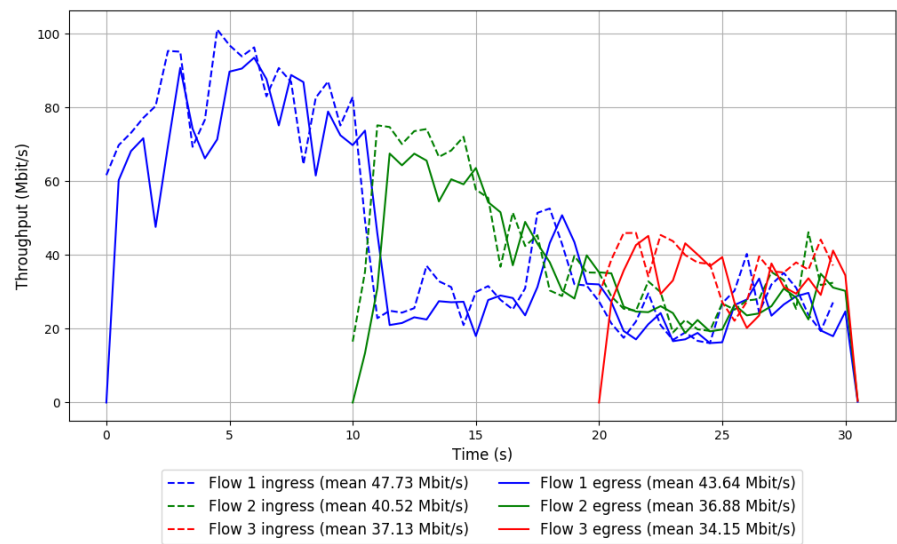


Run 9: Statistics of Copa

Start at: 2018-08-09 13:20:43
End at: 2018-08-09 13:21:13
Local clock offset: -10.034 ms
Remote clock offset: -7.063 ms

Below is generated by plot.py at 2018-08-09 14:05:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.57 Mbit/s
95th percentile per-packet one-way delay: 25.028 ms
Loss rate: 8.64%
-- Flow 1:
Average throughput: 43.64 Mbit/s
95th percentile per-packet one-way delay: 25.084 ms
Loss rate: 8.58%
-- Flow 2:
Average throughput: 36.88 Mbit/s
95th percentile per-packet one-way delay: 24.699 ms
Loss rate: 9.02%
-- Flow 3:
Average throughput: 34.15 Mbit/s
95th percentile per-packet one-way delay: 25.400 ms
Loss rate: 8.04%

Run 9: Report of Copa — Data Link

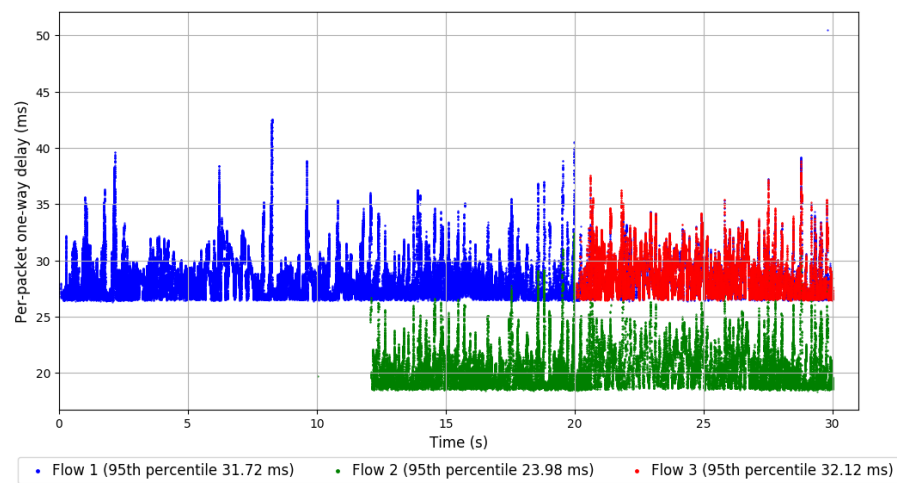
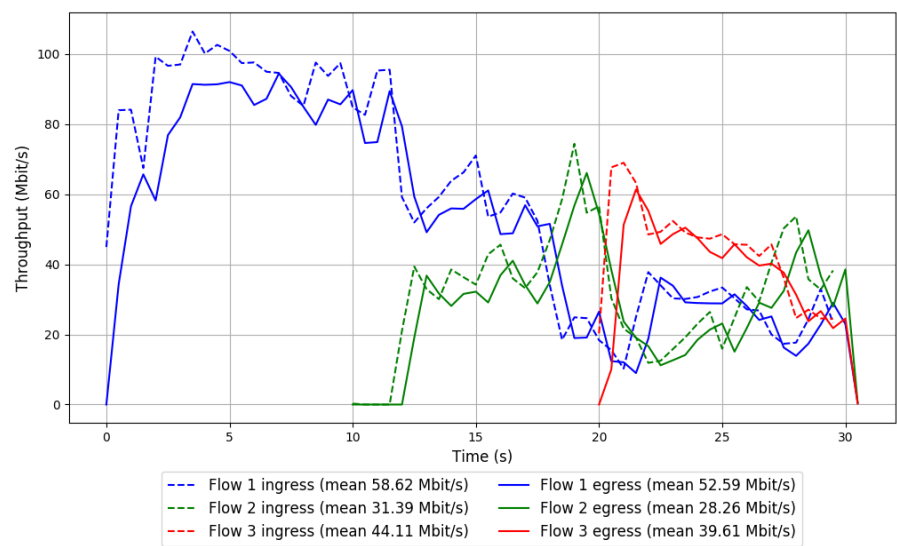


Run 10: Statistics of Copa

Start at: 2018-08-09 13:40:11
End at: 2018-08-09 13:40:41
Local clock offset: -10.47 ms
Remote clock offset: -8.843 ms

Below is generated by plot.py at 2018-08-09 14:05:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.58 Mbit/s
95th percentile per-packet one-way delay: 31.481 ms
Loss rate: 10.23%
-- Flow 1:
Average throughput: 52.59 Mbit/s
95th percentile per-packet one-way delay: 31.723 ms
Loss rate: 10.32%
-- Flow 2:
Average throughput: 28.26 Mbit/s
95th percentile per-packet one-way delay: 23.981 ms
Loss rate: 9.99%
-- Flow 3:
Average throughput: 39.61 Mbit/s
95th percentile per-packet one-way delay: 32.121 ms
Loss rate: 10.26%

Run 10: Report of Copa — Data Link

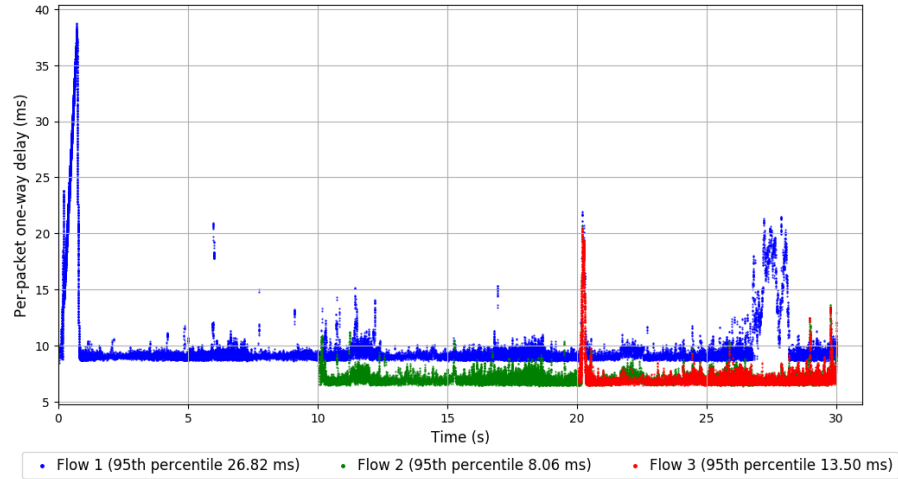
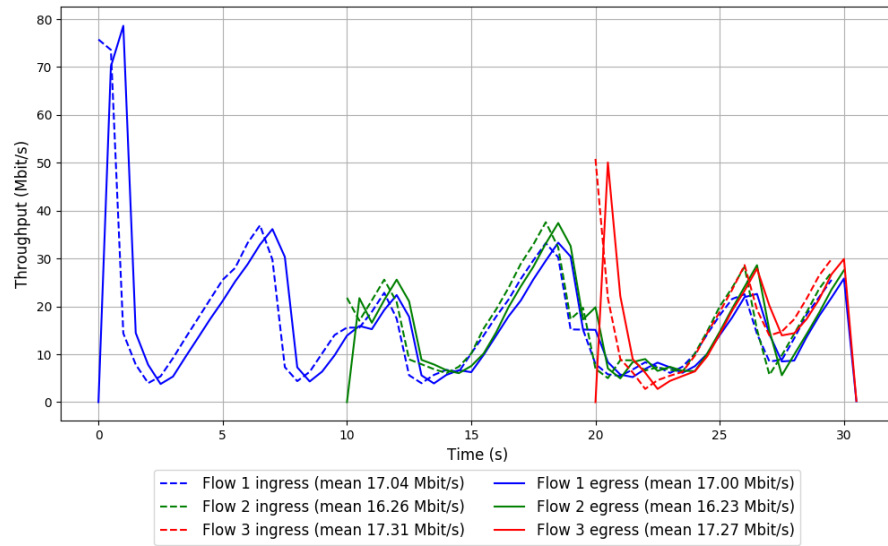


Run 1: Statistics of TCP Cubic

Start at: 2018-08-09 10:50:42
End at: 2018-08-09 10:51:12
Local clock offset: 4.043 ms
Remote clock offset: -7.299 ms

Below is generated by plot.py at 2018-08-09 14:05:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 33.55 Mbit/s
95th percentile per-packet one-way delay: 18.749 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 17.00 Mbit/s
95th percentile per-packet one-way delay: 26.821 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 16.23 Mbit/s
95th percentile per-packet one-way delay: 8.062 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 17.27 Mbit/s
95th percentile per-packet one-way delay: 13.503 ms
Loss rate: 0.18%

Run 1: Report of TCP Cubic — Data Link

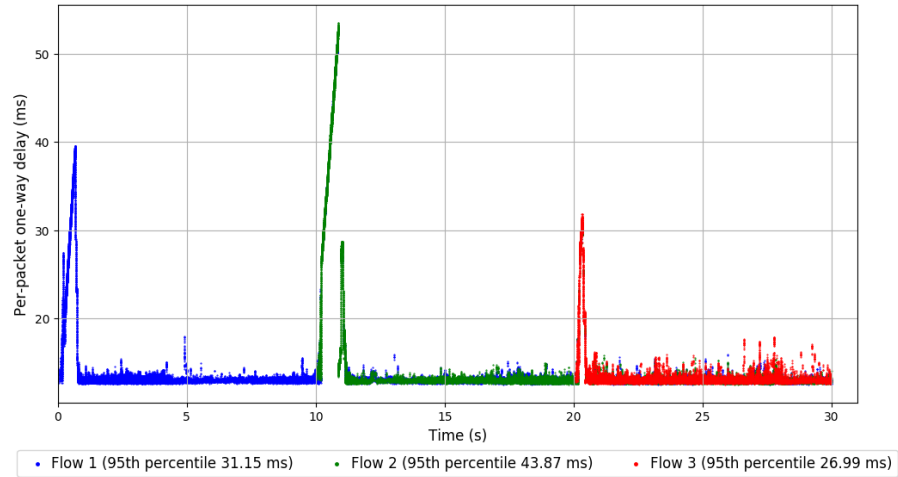
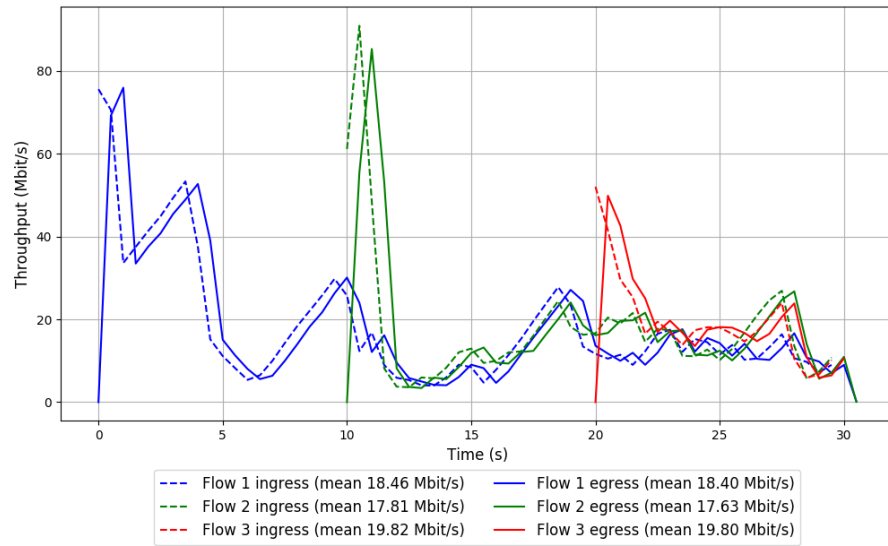


Run 2: Statistics of TCP Cubic

Start at: 2018-08-09 11:09:58
End at: 2018-08-09 11:10:28
Local clock offset: -0.354 ms
Remote clock offset: -5.636 ms

Below is generated by plot.py at 2018-08-09 14:05:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 36.72 Mbit/s
95th percentile per-packet one-way delay: 34.418 ms
Loss rate: 0.52%
-- Flow 1:
Average throughput: 18.40 Mbit/s
95th percentile per-packet one-way delay: 31.148 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 17.63 Mbit/s
95th percentile per-packet one-way delay: 43.870 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 19.80 Mbit/s
95th percentile per-packet one-way delay: 26.993 ms
Loss rate: 0.13%

Run 2: Report of TCP Cubic — Data Link

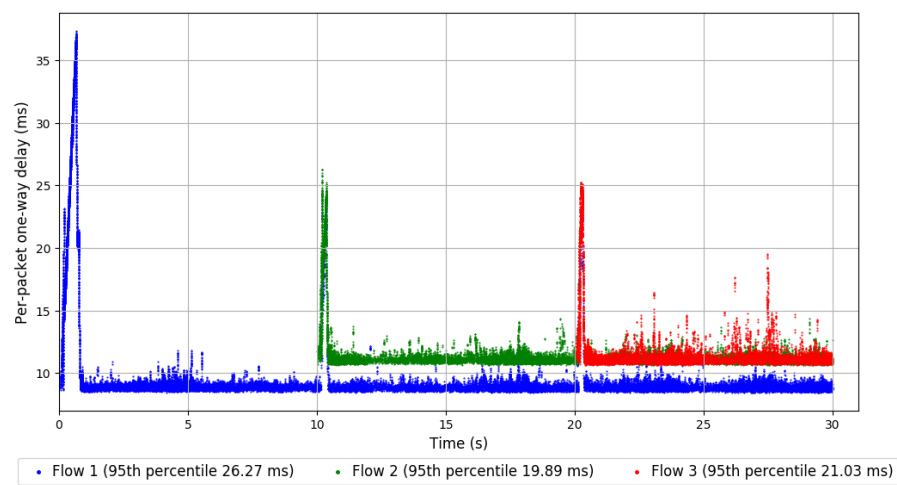
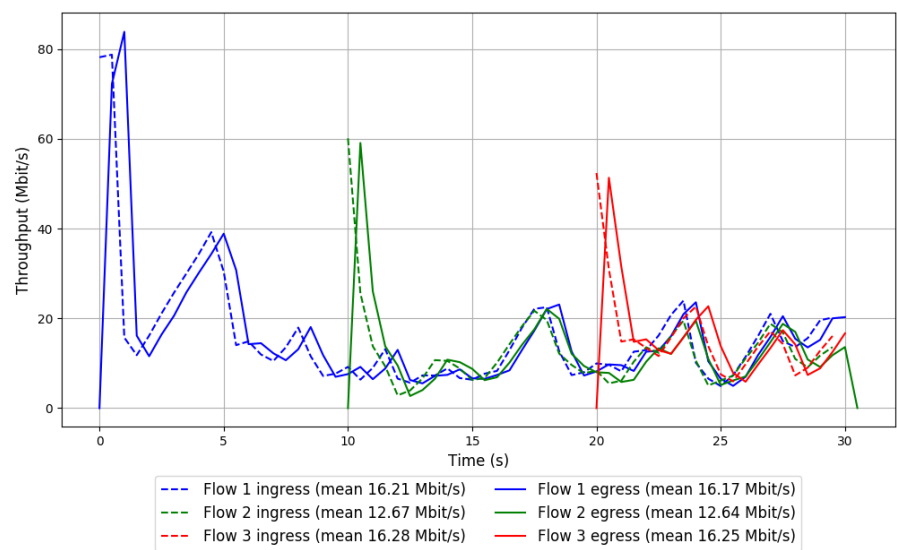


Run 3: Statistics of TCP Cubic

Start at: 2018-08-09 11:29:27
End at: 2018-08-09 11:29:57
Local clock offset: 1.824 ms
Remote clock offset: -2.964 ms

Below is generated by plot.py at 2018-08-09 14:05:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.99 Mbit/s
95th percentile per-packet one-way delay: 22.357 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 16.17 Mbit/s
95th percentile per-packet one-way delay: 26.275 ms
Loss rate: 0.23%
-- Flow 2:
Average throughput: 12.64 Mbit/s
95th percentile per-packet one-way delay: 19.887 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 16.25 Mbit/s
95th percentile per-packet one-way delay: 21.028 ms
Loss rate: 0.18%

Run 3: Report of TCP Cubic — Data Link

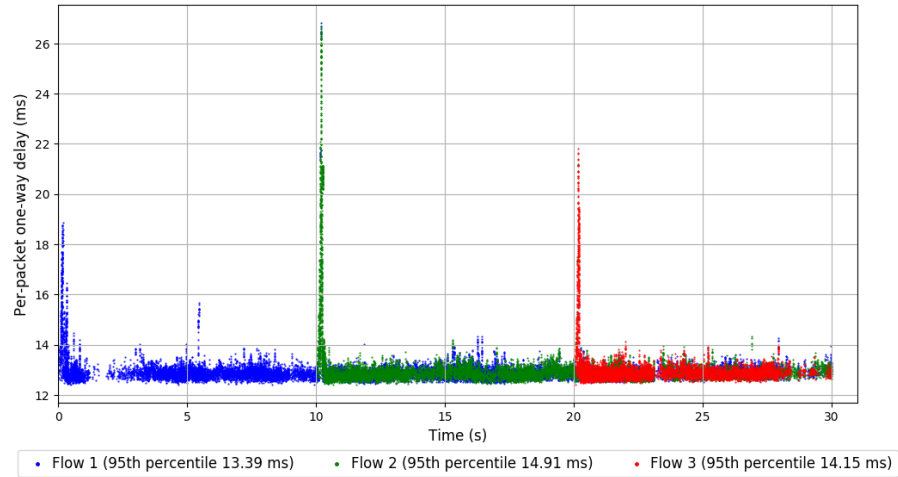
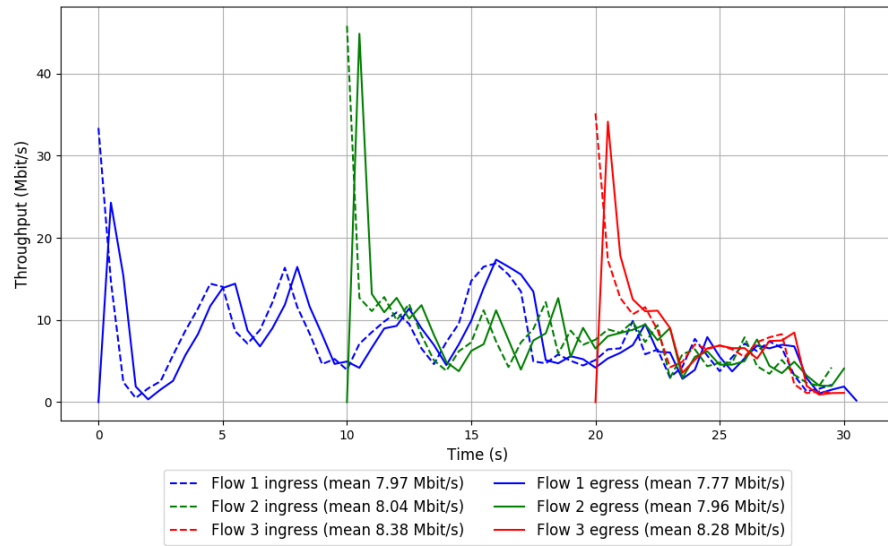


Run 4: Statistics of TCP Cubic

Start at: 2018-08-09 11:49:16
End at: 2018-08-09 11:49:46
Local clock offset: -2.667 ms
Remote clock offset: -13.404 ms

Below is generated by plot.py at 2018-08-09 14:05:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 15.82 Mbit/s
95th percentile per-packet one-way delay: 13.663 ms
Loss rate: 1.80%
-- Flow 1:
Average throughput: 7.77 Mbit/s
95th percentile per-packet one-way delay: 13.390 ms
Loss rate: 2.60%
-- Flow 2:
Average throughput: 7.96 Mbit/s
95th percentile per-packet one-way delay: 14.910 ms
Loss rate: 0.93%
-- Flow 3:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 14.146 ms
Loss rate: 1.19%

Run 4: Report of TCP Cubic — Data Link

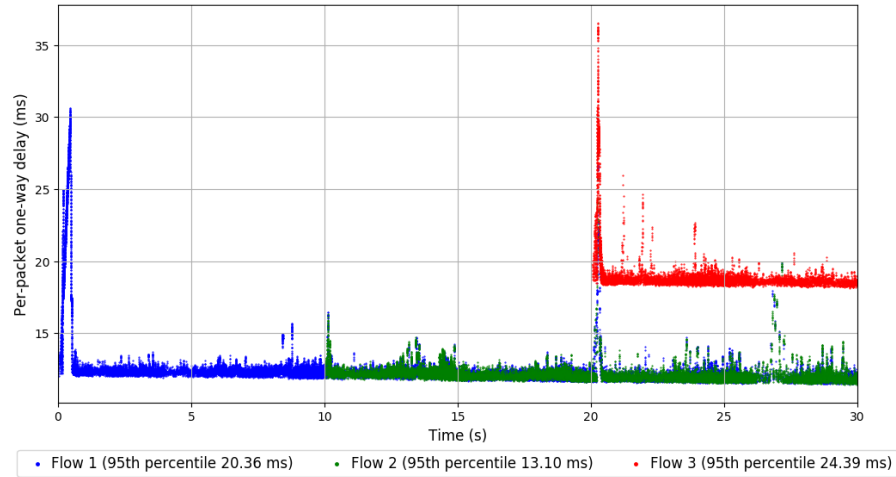
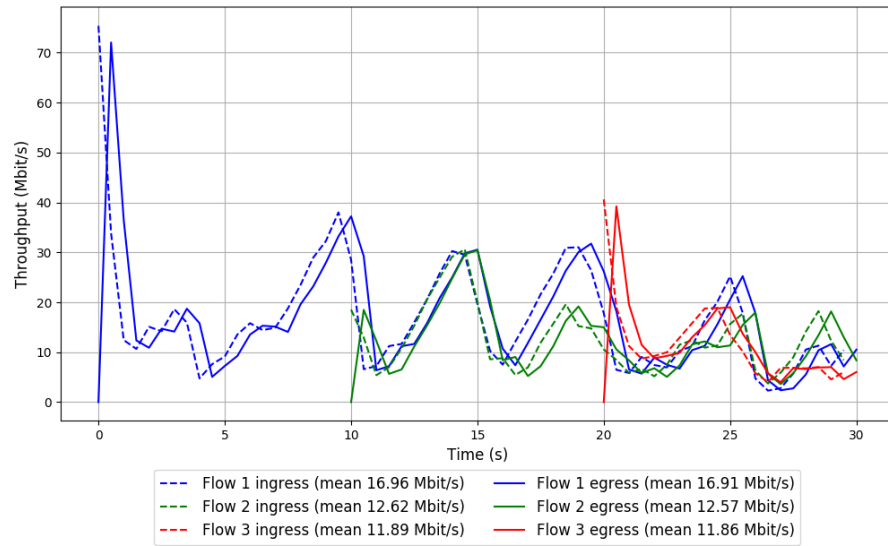


Run 5: Statistics of TCP Cubic

Start at: 2018-08-09 12:08:37
End at: 2018-08-09 12:09:07
Local clock offset: -3.428 ms
Remote clock offset: -17.443 ms

Below is generated by plot.py at 2018-08-09 14:05:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.22 Mbit/s
95th percentile per-packet one-way delay: 19.584 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 16.91 Mbit/s
95th percentile per-packet one-way delay: 20.363 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 12.57 Mbit/s
95th percentile per-packet one-way delay: 13.098 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 11.86 Mbit/s
95th percentile per-packet one-way delay: 24.386 ms
Loss rate: 0.37%

Run 5: Report of TCP Cubic — Data Link

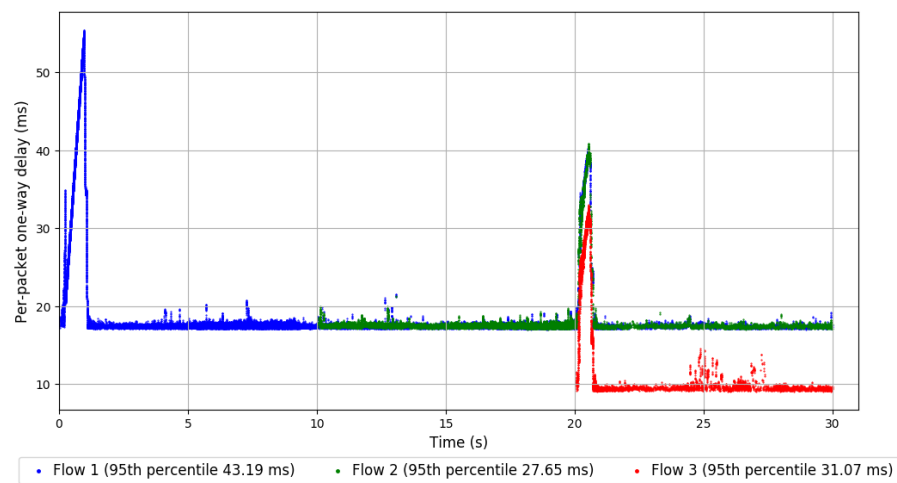
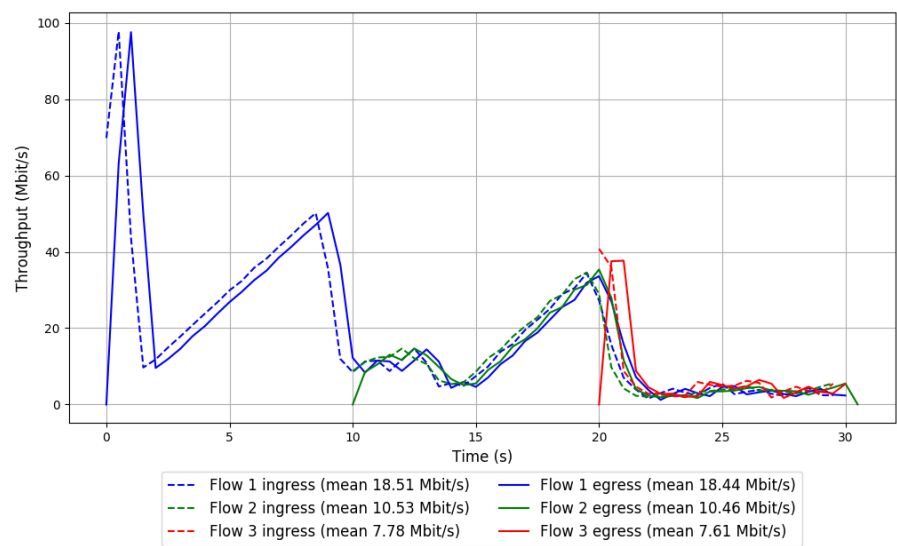


Run 6: Statistics of TCP Cubic

Start at: 2018-08-09 12:29:03
End at: 2018-08-09 12:29:33
Local clock offset: -0.473 ms
Remote clock offset: -5.462 ms

Below is generated by plot.py at 2018-08-09 14:05:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 27.93 Mbit/s
95th percentile per-packet one-way delay: 38.720 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 18.44 Mbit/s
95th percentile per-packet one-way delay: 43.186 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 10.46 Mbit/s
95th percentile per-packet one-way delay: 27.650 ms
Loss rate: 0.66%
-- Flow 3:
Average throughput: 7.61 Mbit/s
95th percentile per-packet one-way delay: 31.073 ms
Loss rate: 2.14%

Run 6: Report of TCP Cubic — Data Link

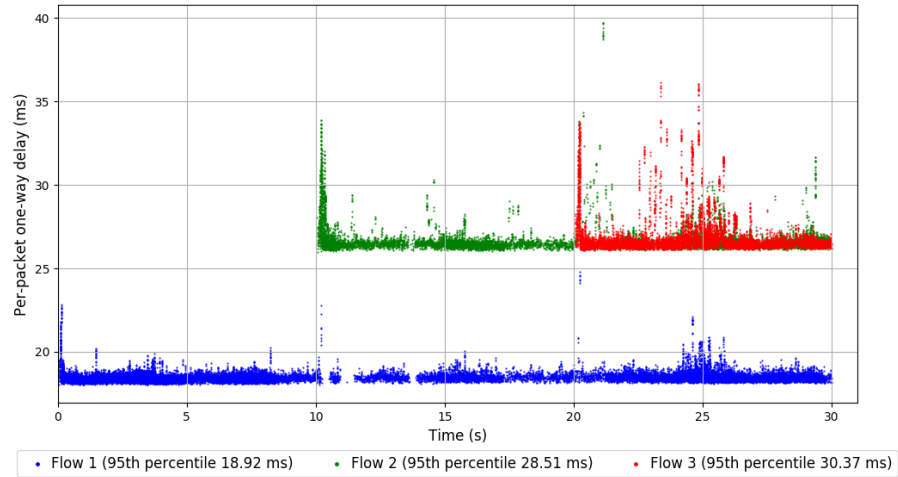
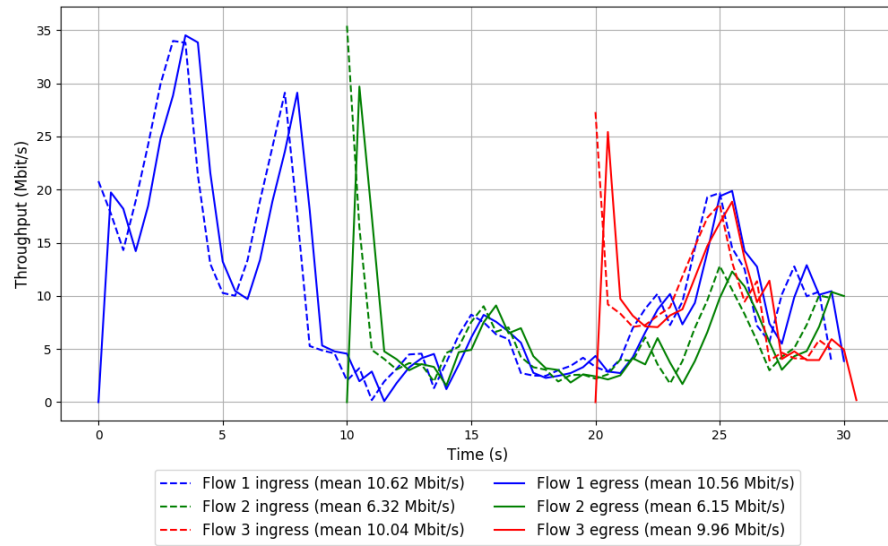


Run 7: Statistics of TCP Cubic

Start at: 2018-08-09 12:48:24
End at: 2018-08-09 12:48:54
Local clock offset: -8.946 ms
Remote clock offset: -4.834 ms

Below is generated by plot.py at 2018-08-09 14:05:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 17.96 Mbit/s
95th percentile per-packet one-way delay: 27.593 ms
Loss rate: 1.10%
-- Flow 1:
Average throughput: 10.56 Mbit/s
95th percentile per-packet one-way delay: 18.924 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 6.15 Mbit/s
95th percentile per-packet one-way delay: 28.509 ms
Loss rate: 2.65%
-- Flow 3:
Average throughput: 9.96 Mbit/s
95th percentile per-packet one-way delay: 30.370 ms
Loss rate: 0.78%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-08-09 13:07:50

End at: 2018-08-09 13:08:20

Local clock offset: -8.097 ms

Remote clock offset: -6.31 ms

Below is generated by plot.py at 2018-08-09 14:05:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 23.49 Mbit/s

95th percentile per-packet one-way delay: 38.734 ms

Loss rate: 0.88%

-- Flow 1:

Average throughput: 14.82 Mbit/s

95th percentile per-packet one-way delay: 44.487 ms

Loss rate: 0.86%

-- Flow 2:

Average throughput: 9.52 Mbit/s

95th percentile per-packet one-way delay: 18.876 ms

Loss rate: 1.01%

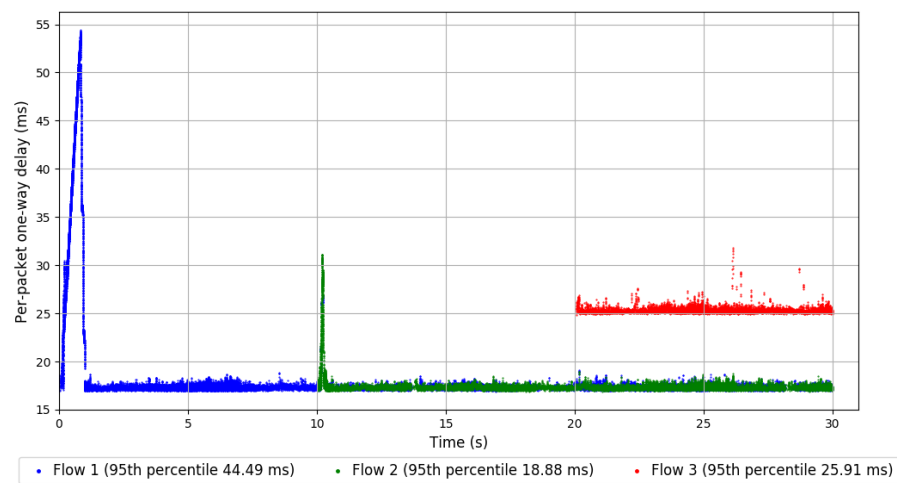
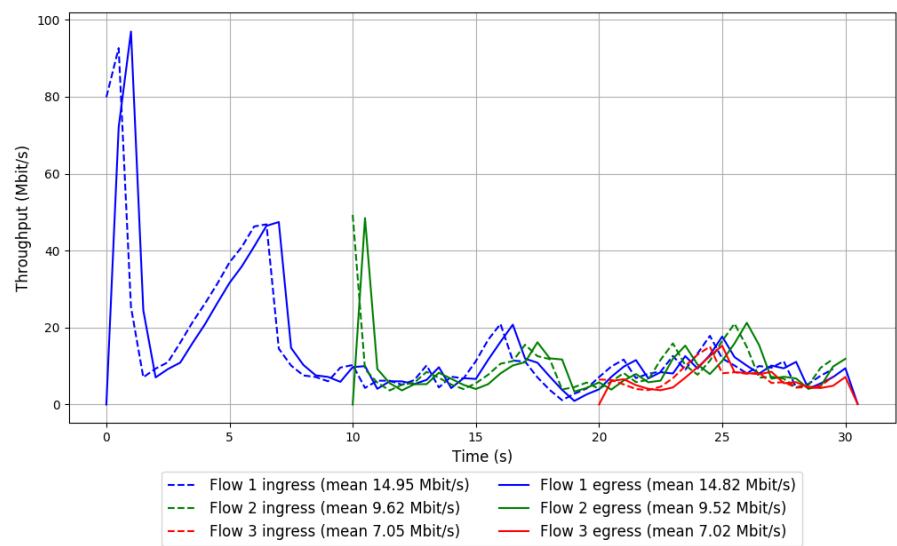
-- Flow 3:

Average throughput: 7.02 Mbit/s

95th percentile per-packet one-way delay: 25.913 ms

Loss rate: 0.63%

Run 8: Report of TCP Cubic — Data Link

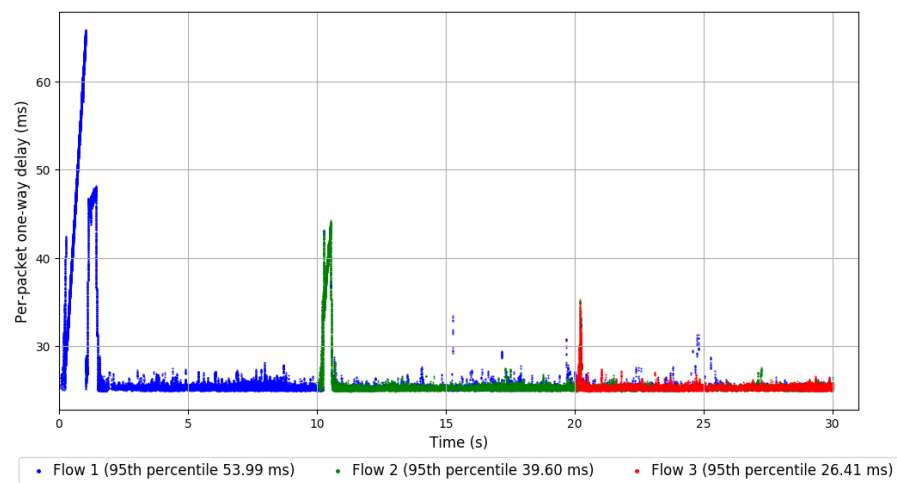
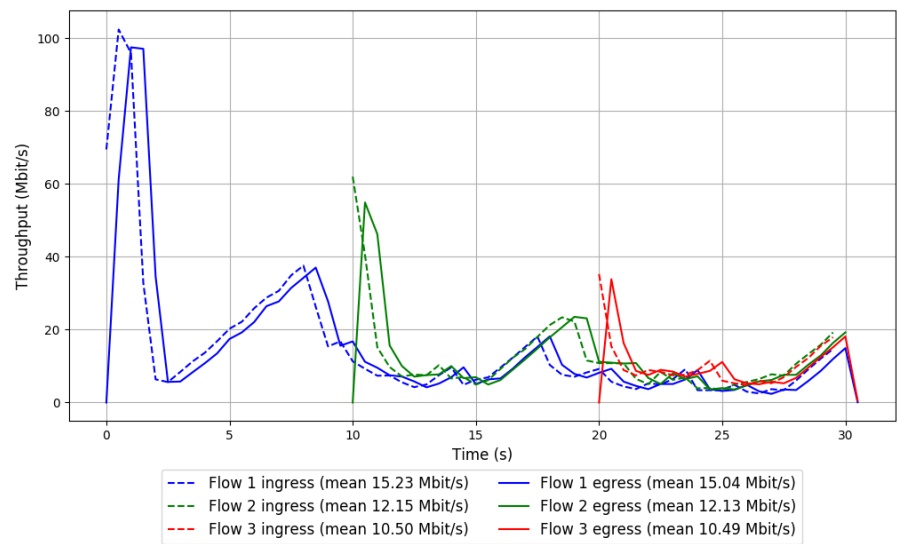


Run 9: Statistics of TCP Cubic

Start at: 2018-08-09 13:27:31
End at: 2018-08-09 13:28:01
Local clock offset: -8.75 ms
Remote clock offset: -8.172 ms

Below is generated by plot.py at 2018-08-09 14:05:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 26.59 Mbit/s
95th percentile per-packet one-way delay: 47.425 ms
Loss rate: 0.87%
-- Flow 1:
Average throughput: 15.04 Mbit/s
95th percentile per-packet one-way delay: 53.993 ms
Loss rate: 1.31%
-- Flow 2:
Average throughput: 12.13 Mbit/s
95th percentile per-packet one-way delay: 39.603 ms
Loss rate: 0.29%
-- Flow 3:
Average throughput: 10.49 Mbit/s
95th percentile per-packet one-way delay: 26.406 ms
Loss rate: 0.27%

Run 9: Report of TCP Cubic — Data Link

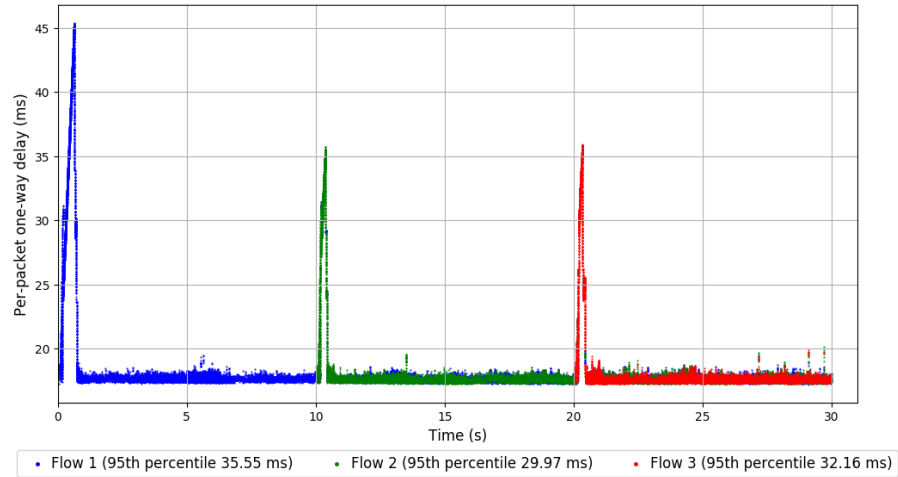
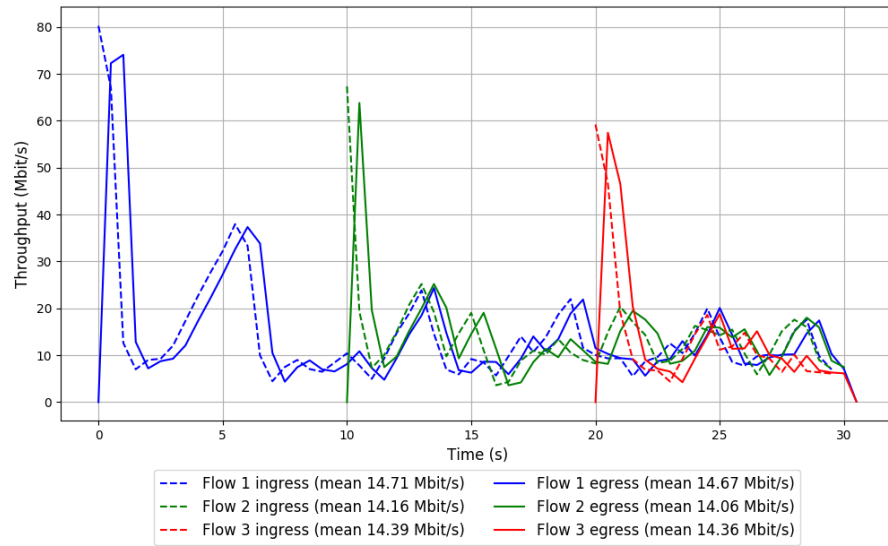


Run 10: Statistics of TCP Cubic

Start at: 2018-08-09 13:47:04
End at: 2018-08-09 13:47:34
Local clock offset: -8.572 ms
Remote clock offset: -7.875 ms

Below is generated by plot.py at 2018-08-09 14:05:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 28.82 Mbit/s
95th percentile per-packet one-way delay: 32.576 ms
Loss rate: 0.40%
-- Flow 1:
Average throughput: 14.67 Mbit/s
95th percentile per-packet one-way delay: 35.549 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 14.06 Mbit/s
95th percentile per-packet one-way delay: 29.967 ms
Loss rate: 0.69%
-- Flow 3:
Average throughput: 14.36 Mbit/s
95th percentile per-packet one-way delay: 32.156 ms
Loss rate: 0.26%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2018-08-09 08:48:18

End at: 2018-08-09 08:48:48

Local clock offset: 2.145 ms

Remote clock offset: 46.29 ms

Below is generated by plot.py at 2018-08-09 14:05:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 22.43 Mbit/s

95th percentile per-packet one-way delay: 100.491 ms

Loss rate: 37.49%

-- Flow 1:

Average throughput: 49.29 Mbit/s

95th percentile per-packet one-way delay: 99.385 ms

Loss rate: 60.58%

-- Flow 2:

Average throughput: 21.40 Mbit/s

95th percentile per-packet one-way delay: 101.498 ms

Loss rate: 31.25%

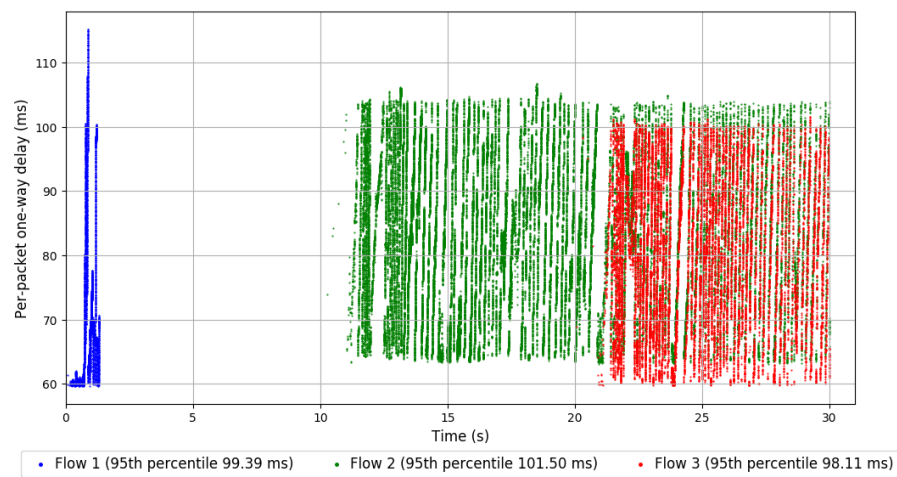
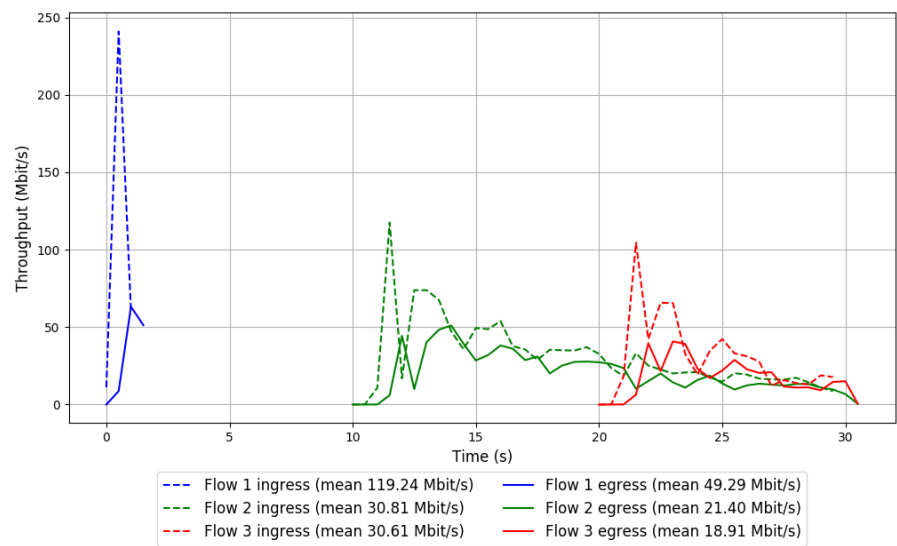
-- Flow 3:

Average throughput: 18.91 Mbit/s

95th percentile per-packet one-way delay: 98.111 ms

Loss rate: 38.25%

Run 1: Report of FillP — Data Link

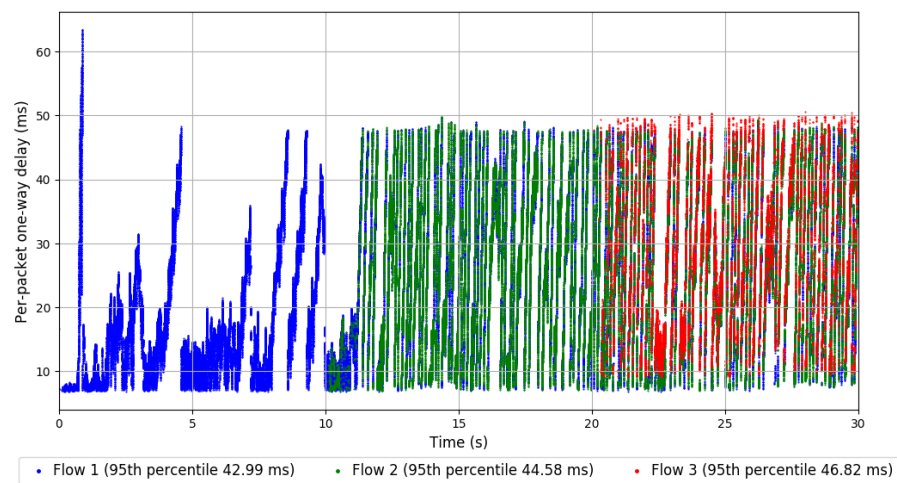
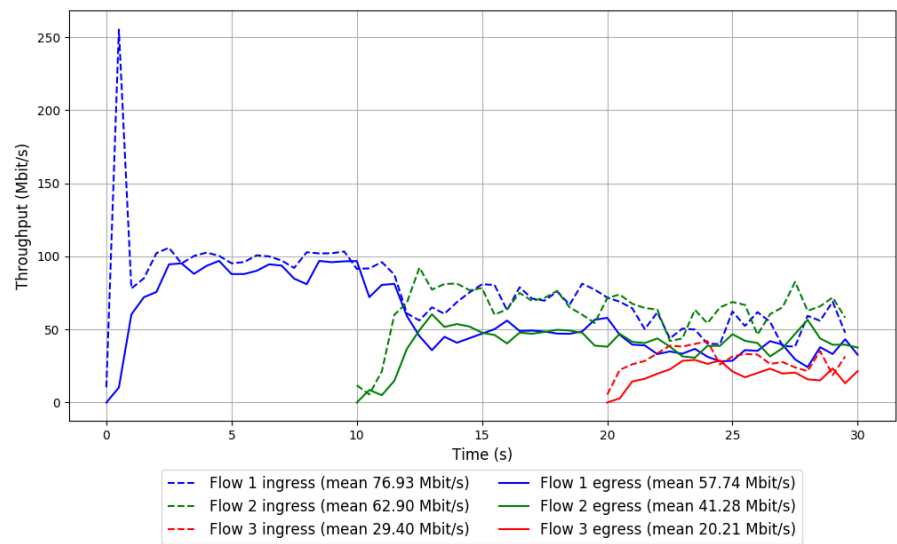


Run 2: Statistics of FillP

Start at: 2018-08-09 11:08:49
End at: 2018-08-09 11:09:19
Local clock offset: 3.299 ms
Remote clock offset: -5.458 ms

Below is generated by plot.py at 2018-08-09 14:06:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.92 Mbit/s
95th percentile per-packet one-way delay: 44.060 ms
Loss rate: 28.49%
-- Flow 1:
Average throughput: 57.74 Mbit/s
95th percentile per-packet one-way delay: 42.993 ms
Loss rate: 24.94%
-- Flow 2:
Average throughput: 41.28 Mbit/s
95th percentile per-packet one-way delay: 44.580 ms
Loss rate: 34.33%
-- Flow 3:
Average throughput: 20.21 Mbit/s
95th percentile per-packet one-way delay: 46.821 ms
Loss rate: 31.49%

Run 2: Report of FillP — Data Link

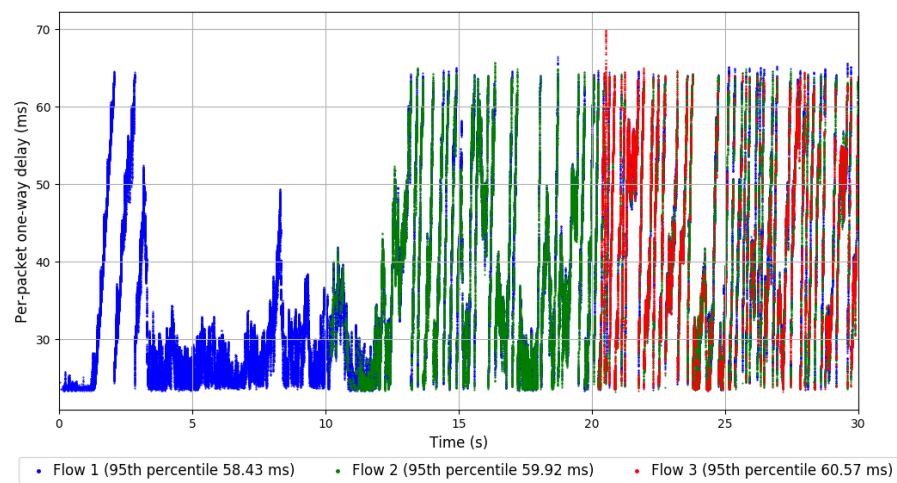
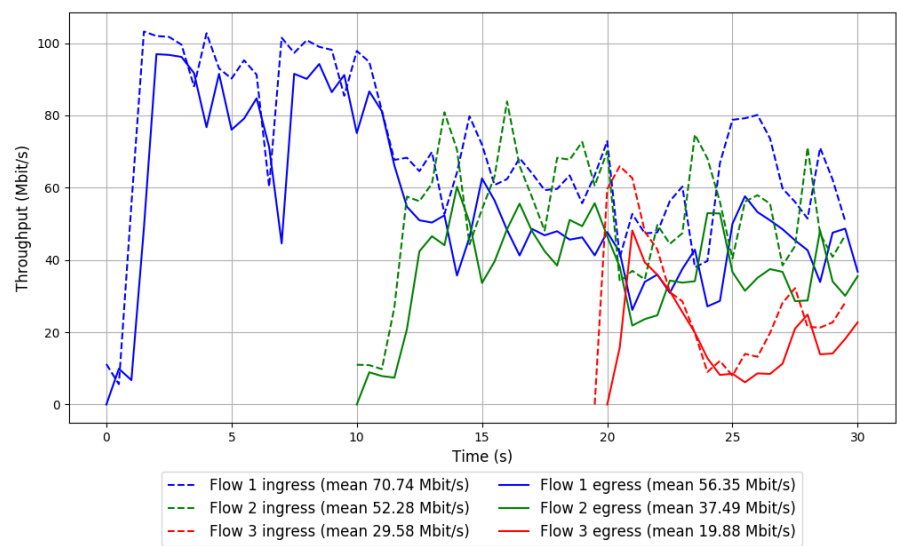


Run 3: Statistics of FillP

Start at: 2018-08-09 11:28:18
End at: 2018-08-09 11:28:48
Local clock offset: -11.437 ms
Remote clock offset: -3.425 ms

Below is generated by plot.py at 2018-08-09 14:06:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.90 Mbit/s
95th percentile per-packet one-way delay: 59.117 ms
Loss rate: 23.76%
-- Flow 1:
Average throughput: 56.35 Mbit/s
95th percentile per-packet one-way delay: 58.427 ms
Loss rate: 20.28%
-- Flow 2:
Average throughput: 37.49 Mbit/s
95th percentile per-packet one-way delay: 59.922 ms
Loss rate: 28.25%
-- Flow 3:
Average throughput: 19.88 Mbit/s
95th percentile per-packet one-way delay: 60.566 ms
Loss rate: 32.90%

Run 3: Report of FillP — Data Link

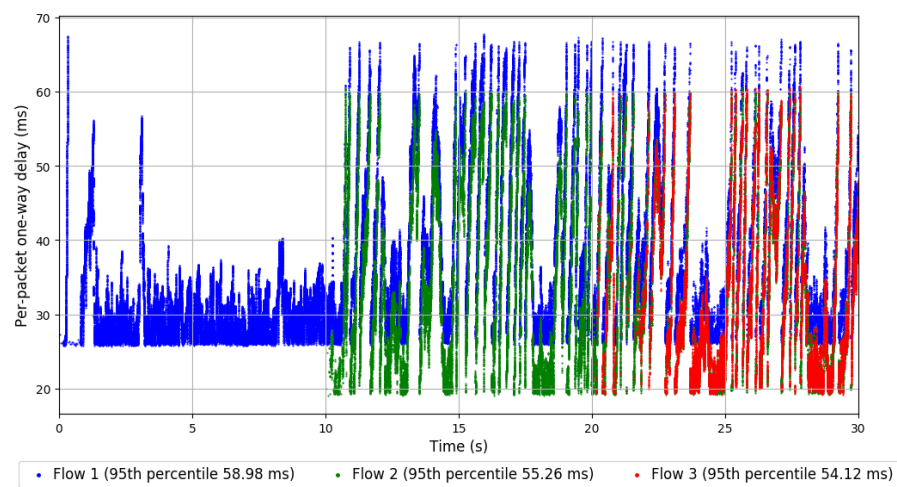
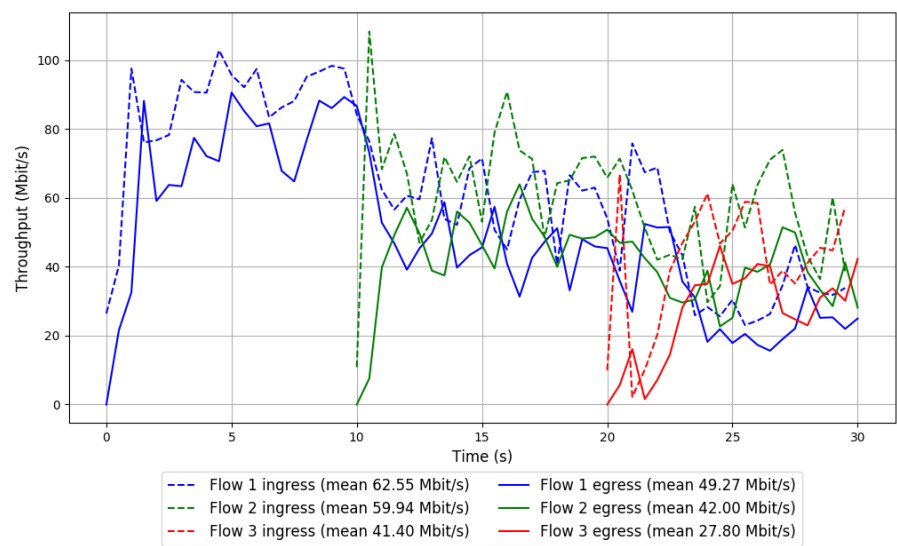


Run 4: Statistics of FillP

Start at: 2018-08-09 11:48:06
End at: 2018-08-09 11:48:36
Local clock offset: -10.228 ms
Remote clock offset: -13.833 ms

Below is generated by plot.py at 2018-08-09 14:06:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.47 Mbit/s
95th percentile per-packet one-way delay: 56.787 ms
Loss rate: 25.51%
-- Flow 1:
Average throughput: 49.27 Mbit/s
95th percentile per-packet one-way delay: 58.983 ms
Loss rate: 21.18%
-- Flow 2:
Average throughput: 42.00 Mbit/s
95th percentile per-packet one-way delay: 55.255 ms
Loss rate: 29.83%
-- Flow 3:
Average throughput: 27.80 Mbit/s
95th percentile per-packet one-way delay: 54.119 ms
Loss rate: 32.69%

Run 4: Report of FillP — Data Link

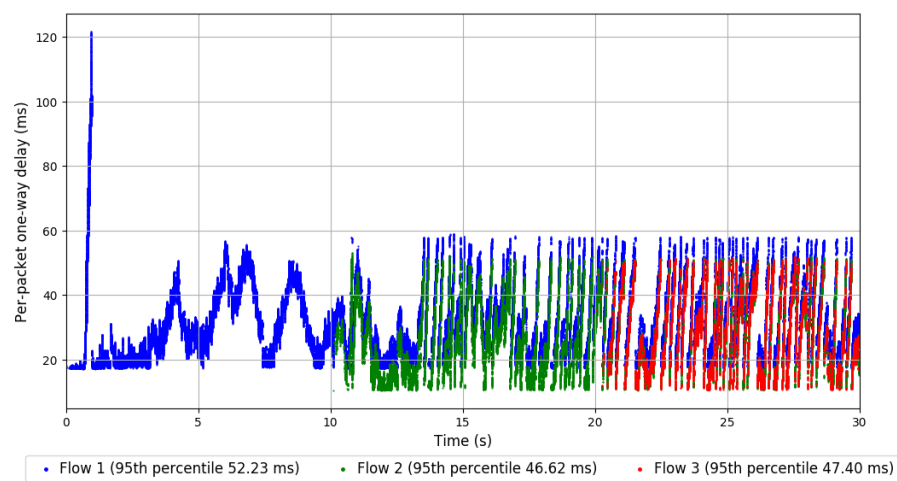
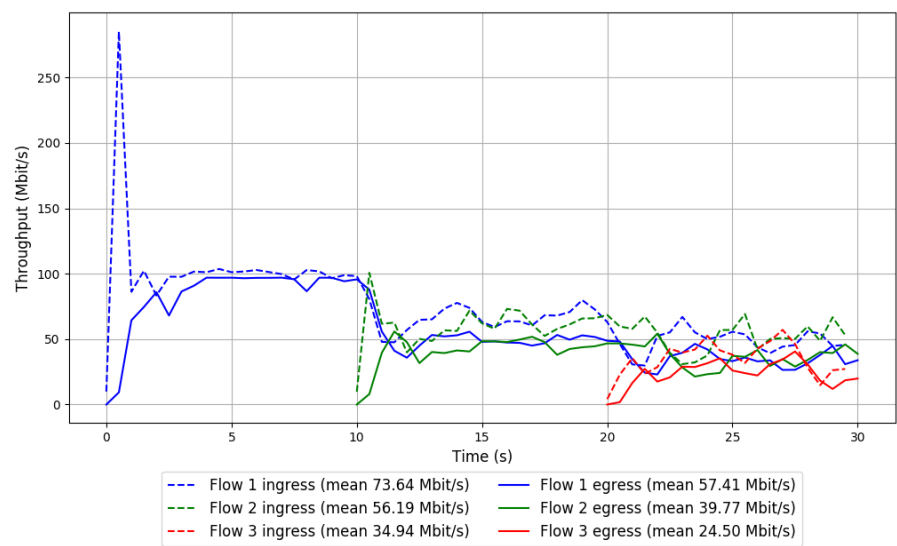


Run 5: Statistics of FillP

Start at: 2018-08-09 12:07:28
End at: 2018-08-09 12:07:58
Local clock offset: -0.598 ms
Remote clock offset: -16.345 ms

Below is generated by plot.py at 2018-08-09 14:06:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.01 Mbit/s
95th percentile per-packet one-way delay: 50.182 ms
Loss rate: 24.95%
-- Flow 1:
Average throughput: 57.41 Mbit/s
95th percentile per-packet one-way delay: 52.235 ms
Loss rate: 22.02%
-- Flow 2:
Average throughput: 39.77 Mbit/s
95th percentile per-packet one-way delay: 46.616 ms
Loss rate: 29.18%
-- Flow 3:
Average throughput: 24.50 Mbit/s
95th percentile per-packet one-way delay: 47.402 ms
Loss rate: 29.96%

Run 5: Report of FillP — Data Link

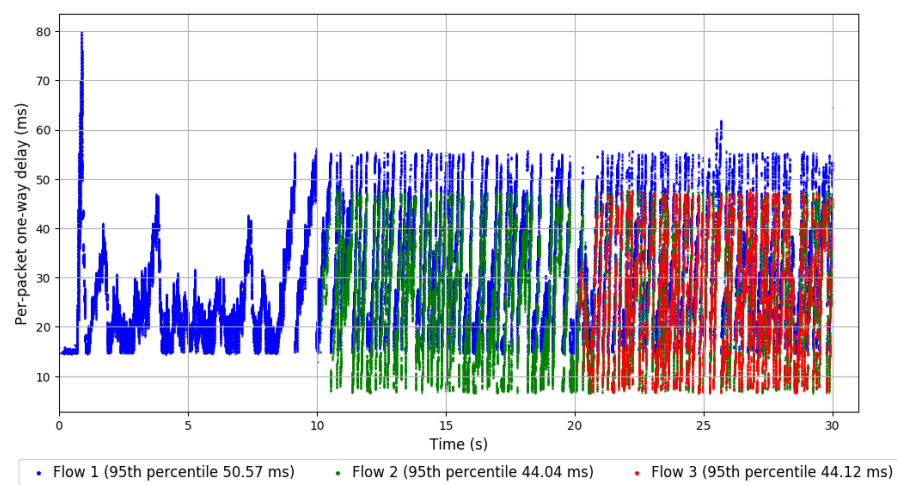
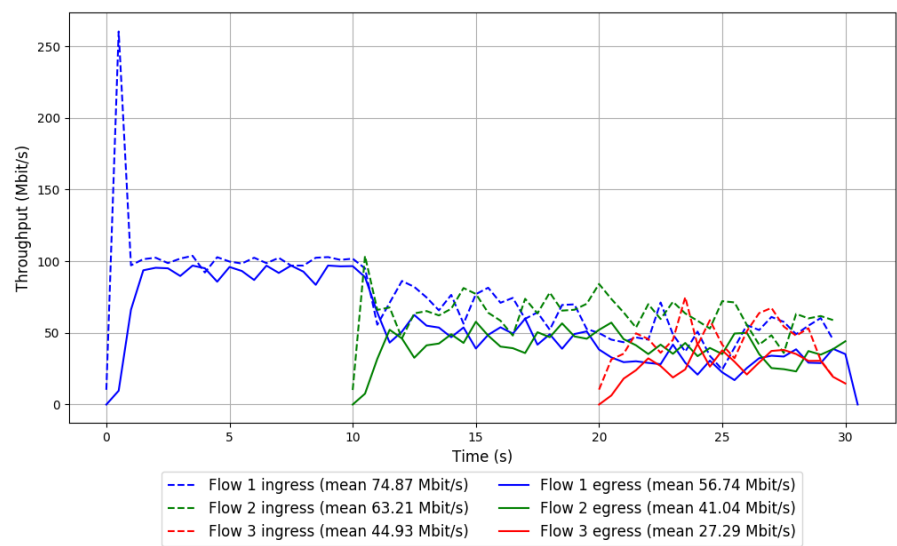


Run 6: Statistics of FillP

Start at: 2018-08-09 12:27:54
End at: 2018-08-09 12:28:24
Local clock offset: 2.374 ms
Remote clock offset: -5.253 ms

Below is generated by plot.py at 2018-08-09 14:06:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.13 Mbit/s
95th percentile per-packet one-way delay: 48.263 ms
Loss rate: 29.26%
-- Flow 1:
Average throughput: 56.74 Mbit/s
95th percentile per-packet one-way delay: 50.566 ms
Loss rate: 24.11%
-- Flow 2:
Average throughput: 41.04 Mbit/s
95th percentile per-packet one-way delay: 44.037 ms
Loss rate: 34.97%
-- Flow 3:
Average throughput: 27.29 Mbit/s
95th percentile per-packet one-way delay: 44.125 ms
Loss rate: 39.05%

Run 6: Report of FillP — Data Link

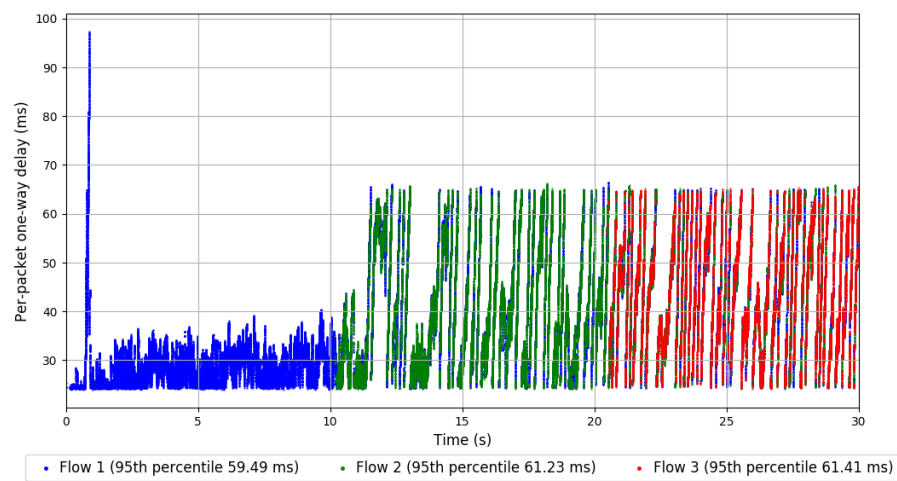
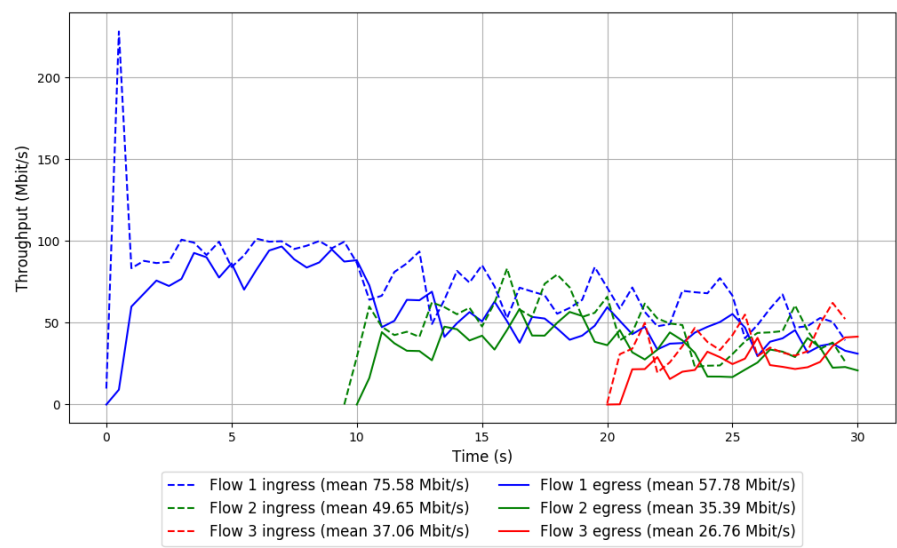


Run 7: Statistics of FillP

Start at: 2018-08-09 12:47:16
End at: 2018-08-09 12:47:46
Local clock offset: -7.761 ms
Remote clock offset: -5.219 ms

Below is generated by plot.py at 2018-08-09 14:06:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.04 Mbit/s
95th percentile per-packet one-way delay: 60.368 ms
Loss rate: 25.51%
-- Flow 1:
Average throughput: 57.78 Mbit/s
95th percentile per-packet one-way delay: 59.489 ms
Loss rate: 23.51%
-- Flow 2:
Average throughput: 35.39 Mbit/s
95th percentile per-packet one-way delay: 61.233 ms
Loss rate: 28.70%
-- Flow 3:
Average throughput: 26.76 Mbit/s
95th percentile per-packet one-way delay: 61.415 ms
Loss rate: 29.24%

Run 7: Report of FillP — Data Link



Run 8: Statistics of FillP

Start at: 2018-08-09 13:06:41

End at: 2018-08-09 13:07:11

Local clock offset: -0.561 ms

Remote clock offset: -6.46 ms

Below is generated by plot.py at 2018-08-09 14:06:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.33 Mbit/s

95th percentile per-packet one-way delay: 49.006 ms

Loss rate: 24.88%

-- Flow 1:

Average throughput: 58.80 Mbit/s

95th percentile per-packet one-way delay: 43.098 ms

Loss rate: 21.49%

-- Flow 2:

Average throughput: 36.27 Mbit/s

95th percentile per-packet one-way delay: 54.014 ms

Loss rate: 29.72%

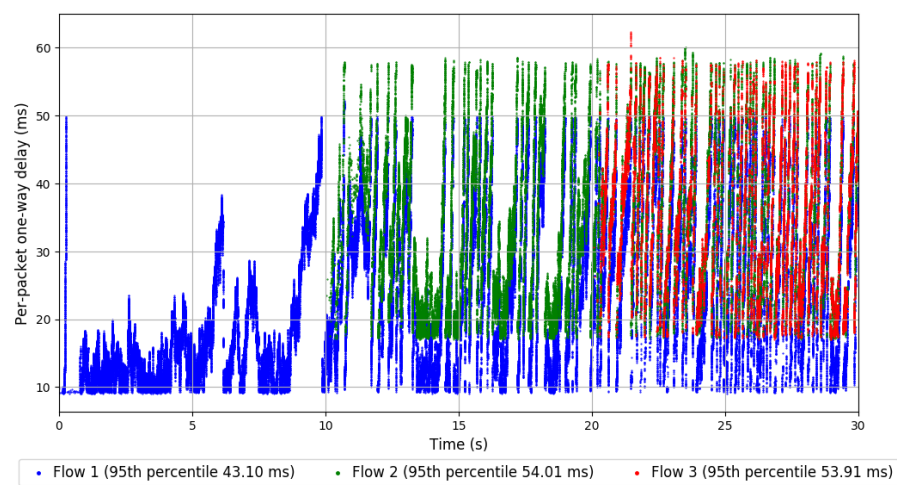
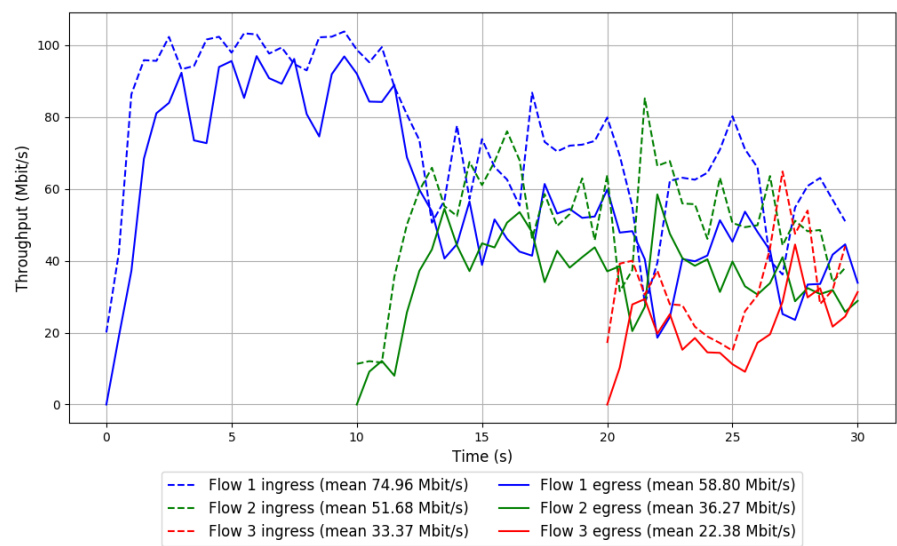
-- Flow 3:

Average throughput: 22.38 Mbit/s

95th percentile per-packet one-way delay: 53.910 ms

Loss rate: 32.85%

Run 8: Report of FillP — Data Link

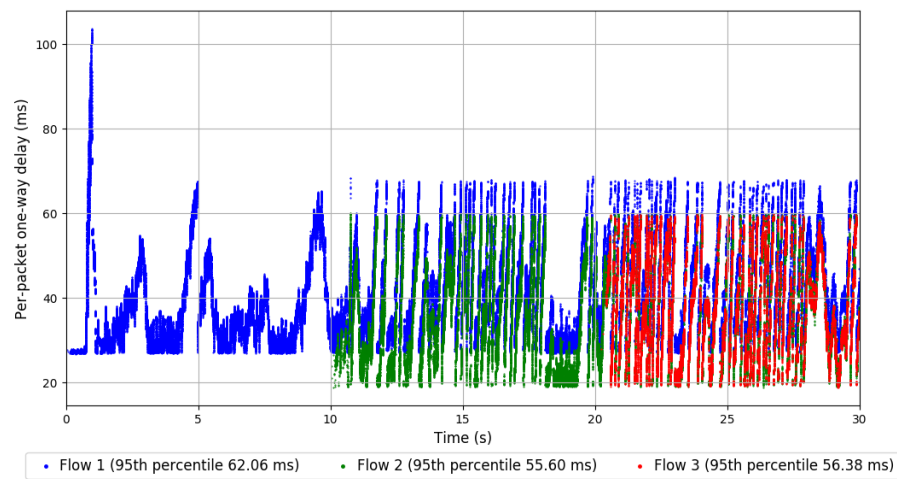
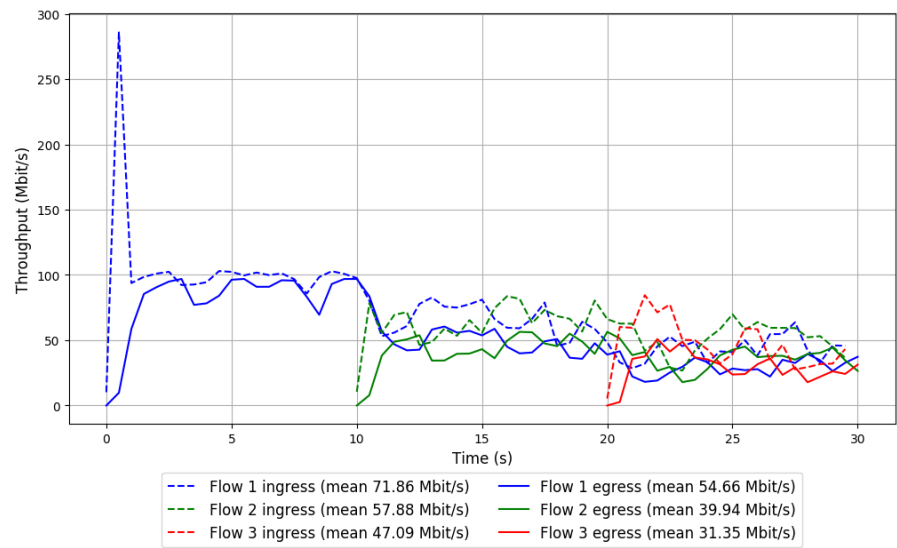


Run 9: Statistics of FillP

Start at: 2018-08-09 13:26:21
End at: 2018-08-09 13:26:51
Local clock offset: -10.061 ms
Remote clock offset: -7.322 ms

Below is generated by plot.py at 2018-08-09 14:07:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.45 Mbit/s
95th percentile per-packet one-way delay: 59.224 ms
Loss rate: 27.40%
-- Flow 1:
Average throughput: 54.66 Mbit/s
95th percentile per-packet one-way delay: 62.062 ms
Loss rate: 23.90%
-- Flow 2:
Average throughput: 39.94 Mbit/s
95th percentile per-packet one-way delay: 55.598 ms
Loss rate: 30.94%
-- Flow 3:
Average throughput: 31.35 Mbit/s
95th percentile per-packet one-way delay: 56.380 ms
Loss rate: 34.74%

Run 9: Report of FillP — Data Link

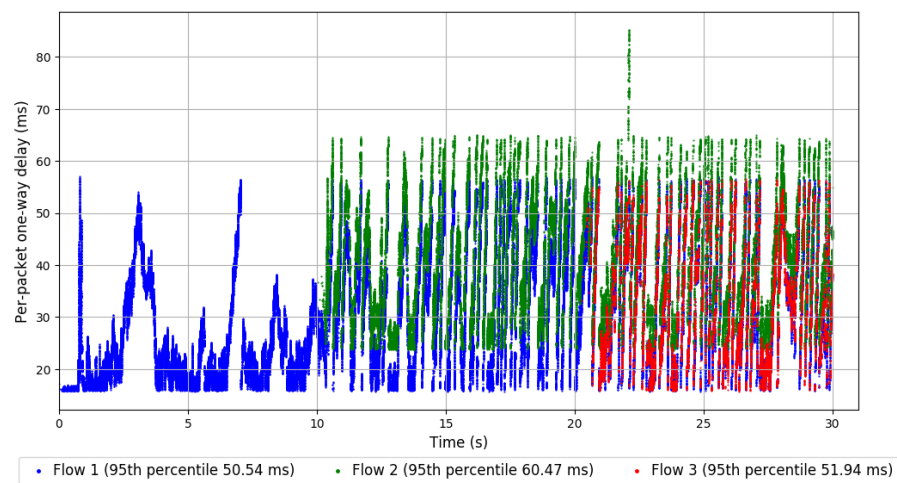
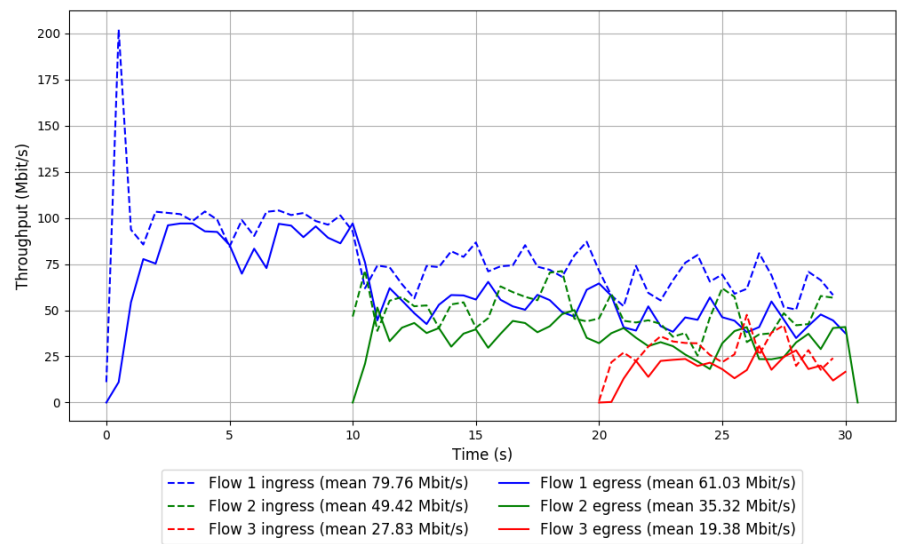


Run 10: Statistics of FillP

Start at: 2018-08-09 13:45:54
End at: 2018-08-09 13:46:24
Local clock offset: -8.349 ms
Remote clock offset: -9.259 ms

Below is generated by plot.py at 2018-08-09 14:07:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.80 Mbit/s
95th percentile per-packet one-way delay: 54.430 ms
Loss rate: 25.43%
-- Flow 1:
Average throughput: 61.03 Mbit/s
95th percentile per-packet one-way delay: 50.542 ms
Loss rate: 23.44%
-- Flow 2:
Average throughput: 35.32 Mbit/s
95th percentile per-packet one-way delay: 60.465 ms
Loss rate: 28.51%
-- Flow 3:
Average throughput: 19.38 Mbit/s
95th percentile per-packet one-way delay: 51.936 ms
Loss rate: 31.72%

Run 10: Report of FillP — Data Link

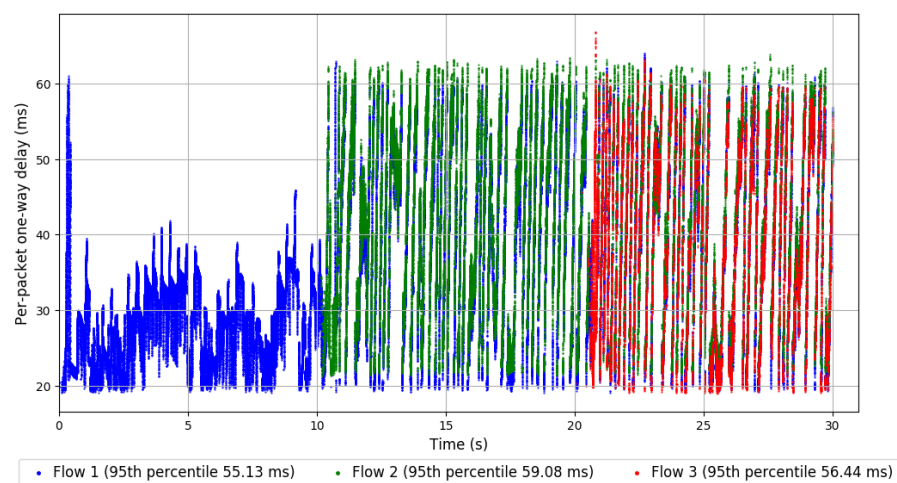
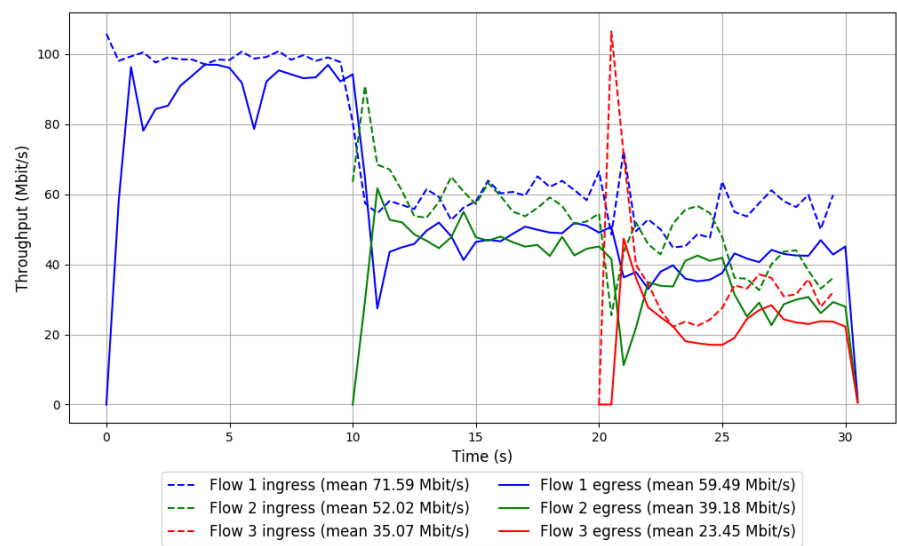


Run 1: Statistics of FillP-Sheep

Start at: 2018-08-09 10:54:03
End at: 2018-08-09 10:54:33
Local clock offset: -8.432 ms
Remote clock offset: -7.117 ms

Below is generated by plot.py at 2018-08-09 14:07:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.38 Mbit/s
95th percentile per-packet one-way delay: 56.989 ms
Loss rate: 20.69%
-- Flow 1:
Average throughput: 59.49 Mbit/s
95th percentile per-packet one-way delay: 55.131 ms
Loss rate: 16.82%
-- Flow 2:
Average throughput: 39.18 Mbit/s
95th percentile per-packet one-way delay: 59.080 ms
Loss rate: 24.60%
-- Flow 3:
Average throughput: 23.45 Mbit/s
95th percentile per-packet one-way delay: 56.444 ms
Loss rate: 32.94%

Run 1: Report of FillP-Sheep — Data Link

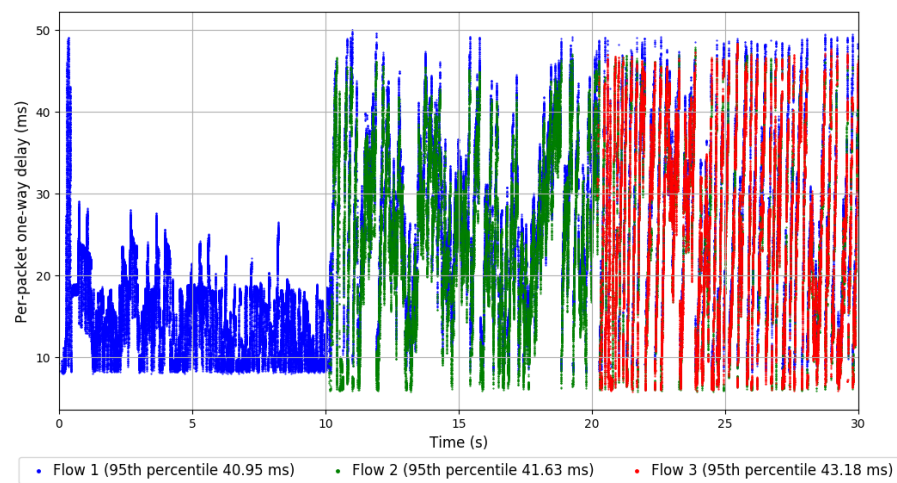
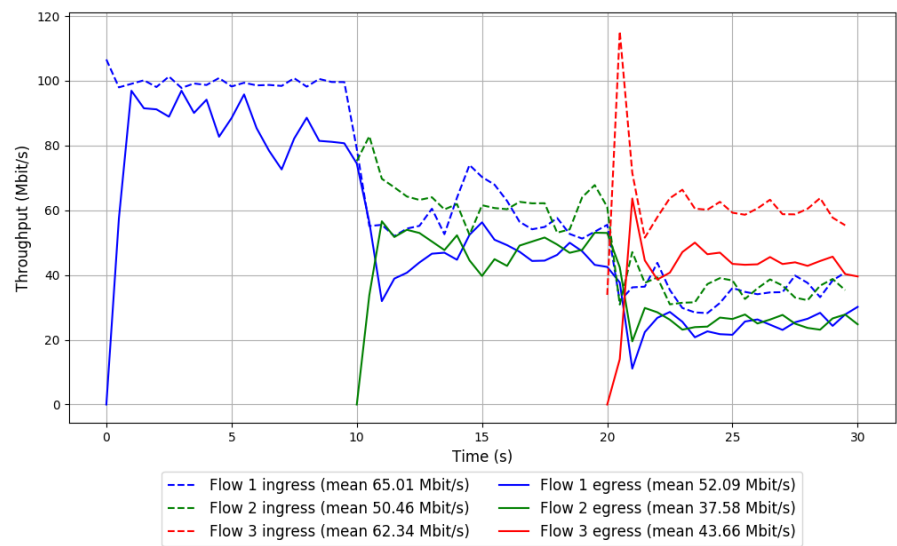


Run 2: Statistics of FillP-Sheep

Start at: 2018-08-09 11:13:21
End at: 2018-08-09 11:13:51
Local clock offset: 4.204 ms
Remote clock offset: -5.114 ms

Below is generated by plot.py at 2018-08-09 14:07:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.57 Mbit/s
95th percentile per-packet one-way delay: 41.740 ms
Loss rate: 23.19%
-- Flow 1:
Average throughput: 52.09 Mbit/s
95th percentile per-packet one-way delay: 40.951 ms
Loss rate: 19.83%
-- Flow 2:
Average throughput: 37.58 Mbit/s
95th percentile per-packet one-way delay: 41.635 ms
Loss rate: 25.46%
-- Flow 3:
Average throughput: 43.66 Mbit/s
95th percentile per-packet one-way delay: 43.183 ms
Loss rate: 30.04%

Run 2: Report of FillP-Sheep — Data Link

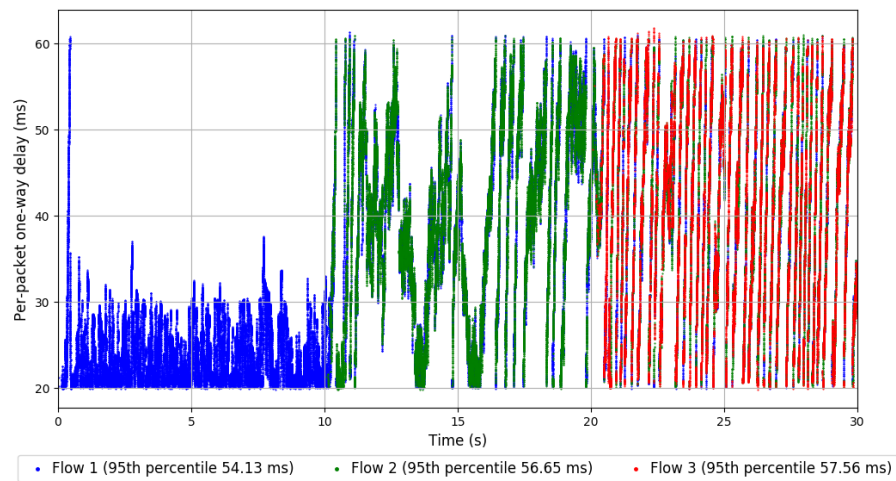
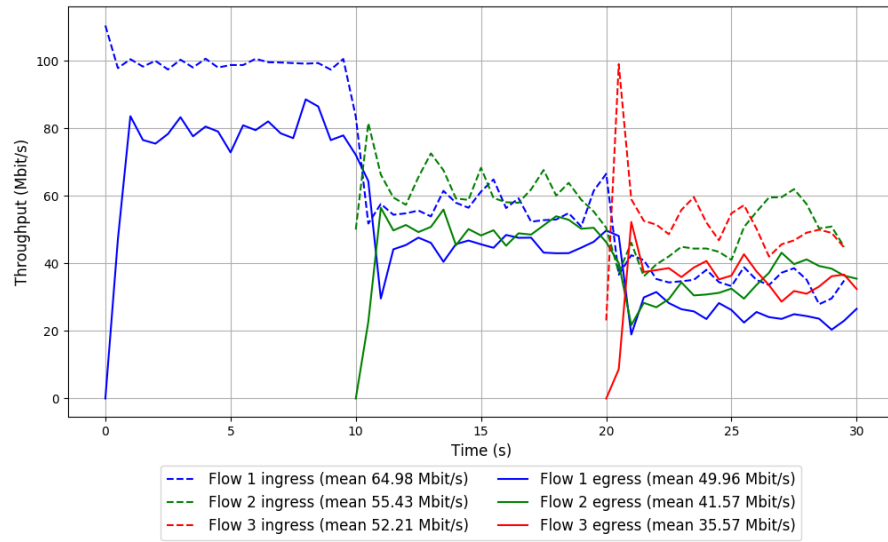


Run 3: Statistics of FillP-Sheep

Start at: 2018-08-09 11:32:54
End at: 2018-08-09 11:33:24
Local clock offset: -10.502 ms
Remote clock offset: -3.48 ms

Below is generated by plot.py at 2018-08-09 14:07:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.42 Mbit/s
95th percentile per-packet one-way delay: 55.934 ms
Loss rate: 24.96%
-- Flow 1:
Average throughput: 49.96 Mbit/s
95th percentile per-packet one-way delay: 54.127 ms
Loss rate: 23.07%
-- Flow 2:
Average throughput: 41.57 Mbit/s
95th percentile per-packet one-way delay: 56.650 ms
Loss rate: 25.00%
-- Flow 3:
Average throughput: 35.57 Mbit/s
95th percentile per-packet one-way delay: 57.560 ms
Loss rate: 31.97%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2018-08-09 11:52:36

End at: 2018-08-09 11:53:06

Local clock offset: -9.97 ms

Remote clock offset: -13.883 ms

Below is generated by plot.py at 2018-08-09 14:07:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.44 Mbit/s

95th percentile per-packet one-way delay: 60.801 ms

Loss rate: 21.27%

-- Flow 1:

Average throughput: 54.66 Mbit/s

95th percentile per-packet one-way delay: 60.930 ms

Loss rate: 18.53%

-- Flow 2:

Average throughput: 40.65 Mbit/s

95th percentile per-packet one-way delay: 56.468 ms

Loss rate: 23.20%

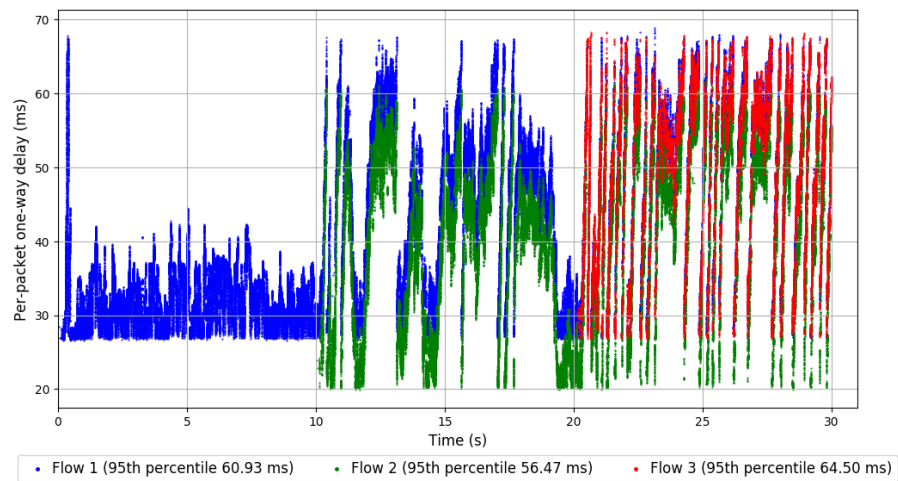
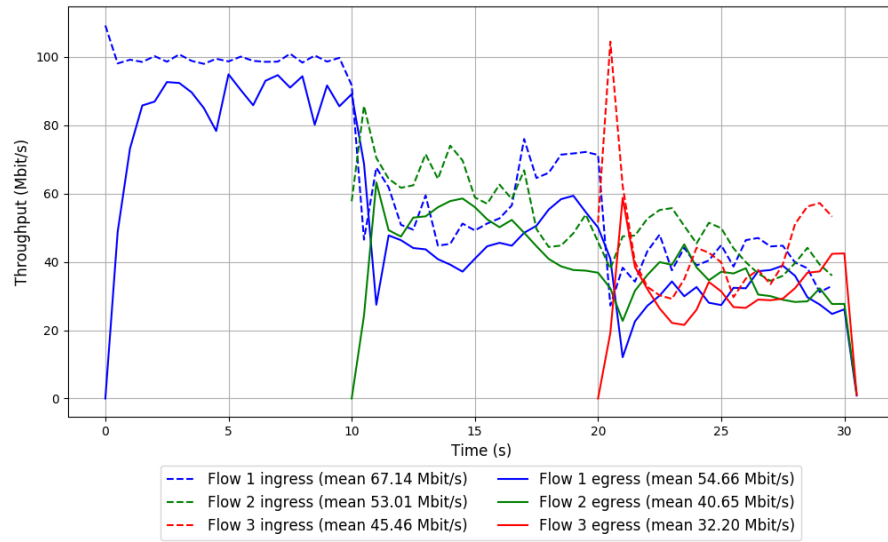
-- Flow 3:

Average throughput: 32.20 Mbit/s

95th percentile per-packet one-way delay: 64.495 ms

Loss rate: 28.98%

Run 4: Report of FillP-Sheep — Data Link

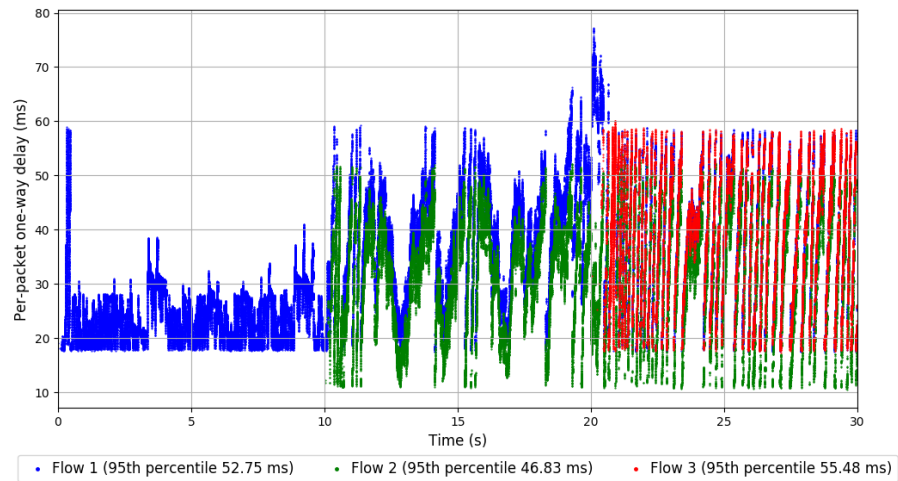
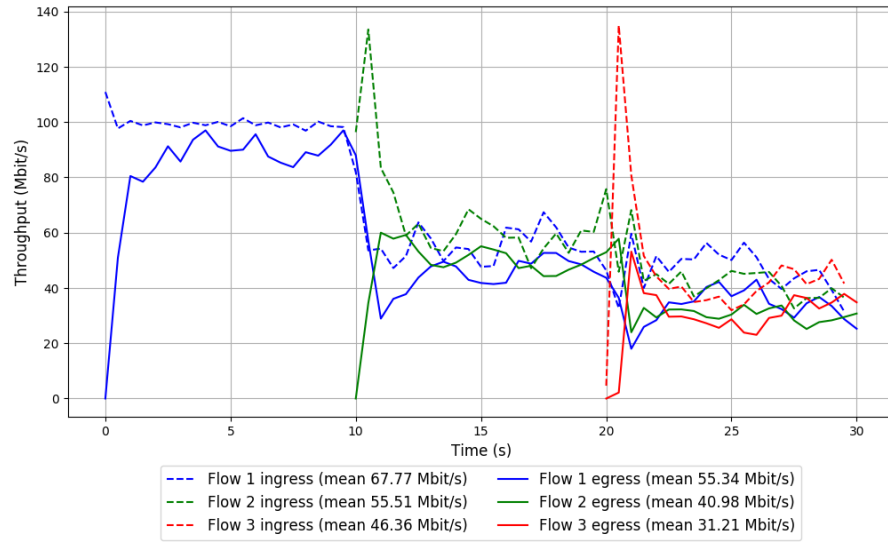


Run 5: Statistics of FillP-Sheep

Start at: 2018-08-09 12:11:59
End at: 2018-08-09 12:12:29
Local clock offset: -2.004 ms
Remote clock offset: -13.33 ms

Below is generated by plot.py at 2018-08-09 14:07:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.97 Mbit/s
95th percentile per-packet one-way delay: 52.244 ms
Loss rate: 22.59%
-- Flow 1:
Average throughput: 55.34 Mbit/s
95th percentile per-packet one-way delay: 52.746 ms
Loss rate: 18.34%
-- Flow 2:
Average throughput: 40.98 Mbit/s
95th percentile per-packet one-way delay: 46.826 ms
Loss rate: 26.15%
-- Flow 3:
Average throughput: 31.21 Mbit/s
95th percentile per-packet one-way delay: 55.475 ms
Loss rate: 32.75%

Run 5: Report of FillP-Sheep — Data Link

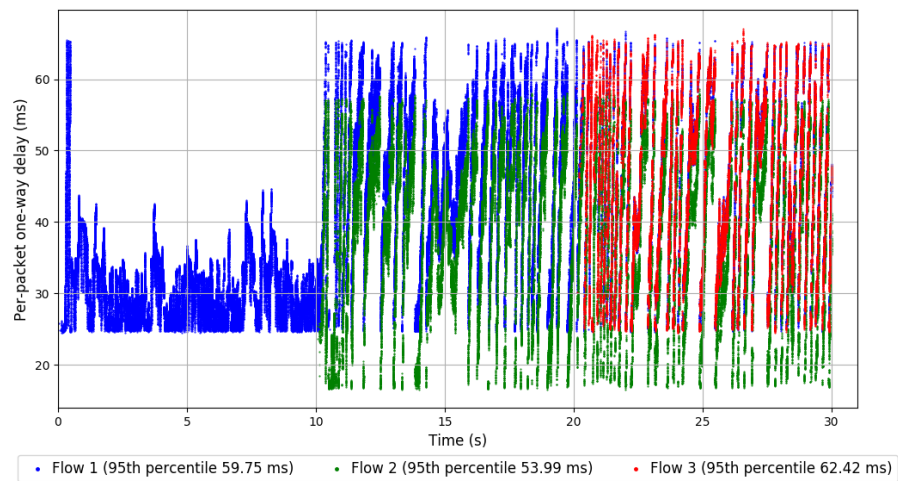
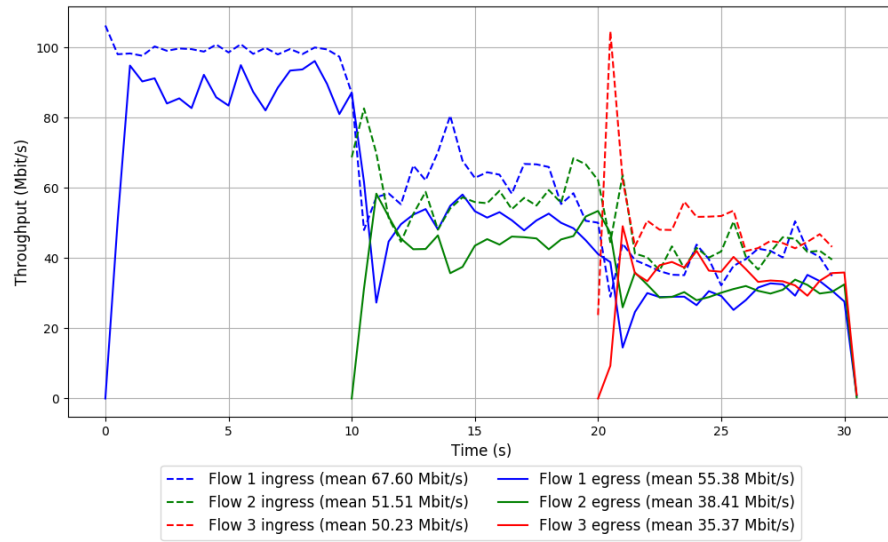


Run 6: Statistics of FillP-Sheep

Start at: 2018-08-09 12:32:24
End at: 2018-08-09 12:32:54
Local clock offset: -7.785 ms
Remote clock offset: -4.596 ms

Below is generated by plot.py at 2018-08-09 14:08:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.65 Mbit/s
95th percentile per-packet one-way delay: 59.327 ms
Loss rate: 21.78%
-- Flow 1:
Average throughput: 55.38 Mbit/s
95th percentile per-packet one-way delay: 59.752 ms
Loss rate: 18.01%
-- Flow 2:
Average throughput: 38.41 Mbit/s
95th percentile per-packet one-way delay: 53.994 ms
Loss rate: 25.37%
-- Flow 3:
Average throughput: 35.37 Mbit/s
95th percentile per-packet one-way delay: 62.422 ms
Loss rate: 29.66%

Run 6: Report of FillP-Sheep — Data Link

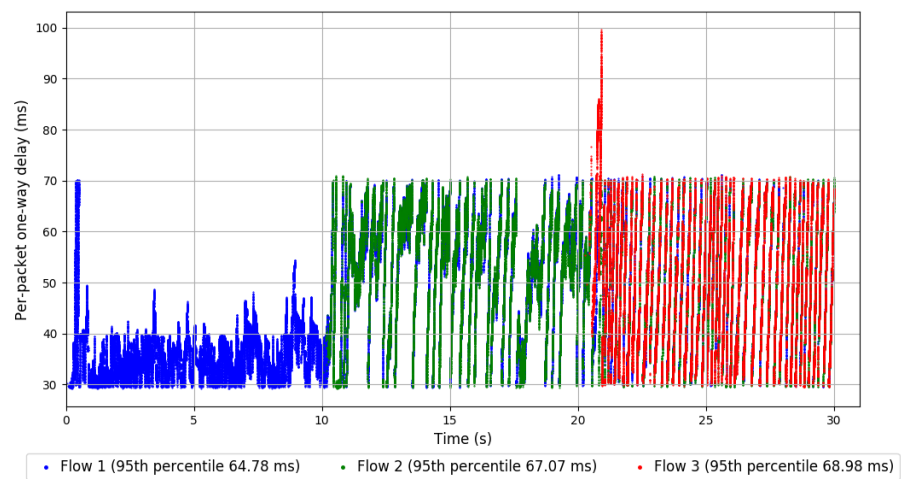
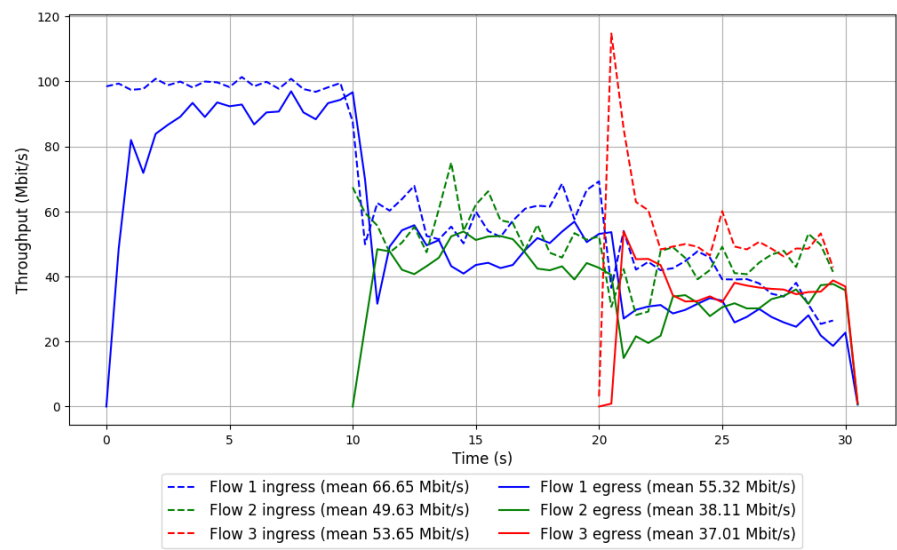


Run 7: Statistics of FillP-Sheep

Start at: 2018-08-09 12:51:45
End at: 2018-08-09 12:52:15
Local clock offset: -11.574 ms
Remote clock offset: -4.252 ms

Below is generated by plot.py at 2018-08-09 14:08:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.68 Mbit/s
95th percentile per-packet one-way delay: 66.439 ms
Loss rate: 21.06%
-- Flow 1:
Average throughput: 55.32 Mbit/s
95th percentile per-packet one-way delay: 64.777 ms
Loss rate: 16.97%
-- Flow 2:
Average throughput: 38.11 Mbit/s
95th percentile per-packet one-way delay: 67.067 ms
Loss rate: 23.16%
-- Flow 3:
Average throughput: 37.01 Mbit/s
95th percentile per-packet one-way delay: 68.976 ms
Loss rate: 32.47%

Run 7: Report of FillP-Sheep — Data Link

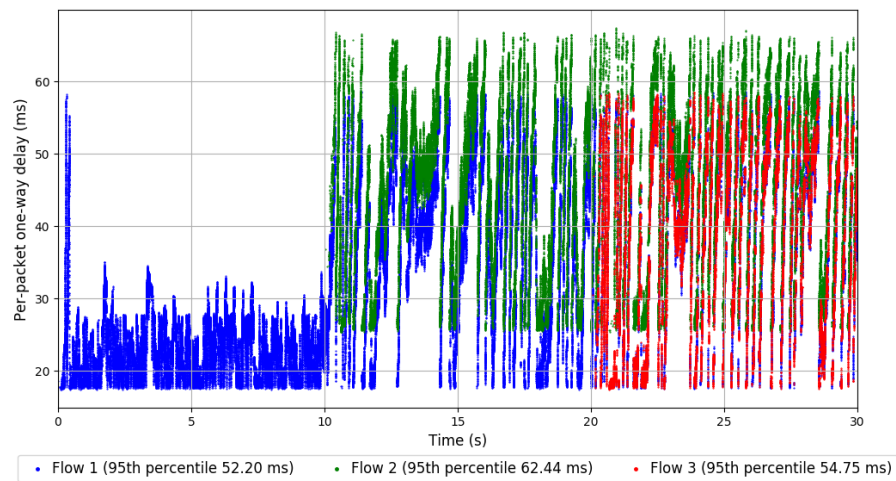
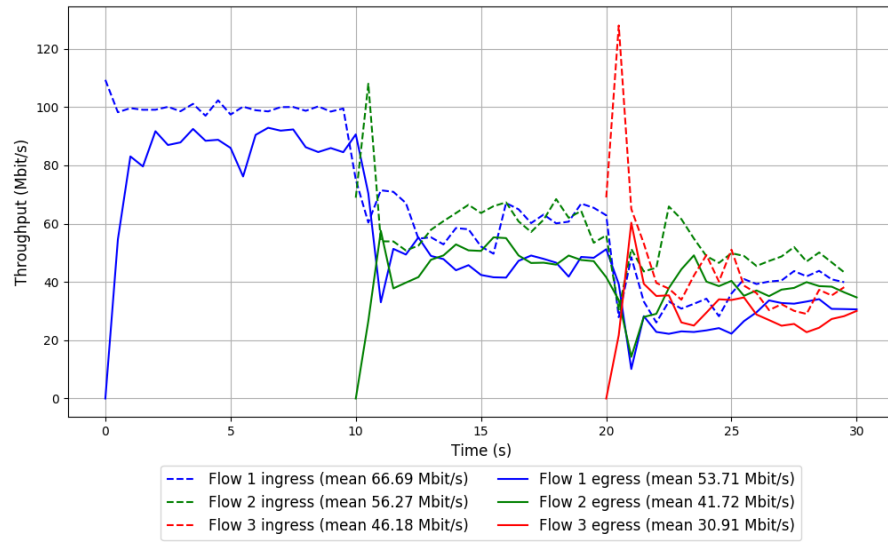


Run 8: Statistics of FillP-Sheep

Start at: 2018-08-09 13:11:35
End at: 2018-08-09 13:12:05
Local clock offset: -8.652 ms
Remote clock offset: -6.138 ms

Below is generated by plot.py at 2018-08-09 14:09:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.71 Mbit/s
95th percentile per-packet one-way delay: 58.424 ms
Loss rate: 23.17%
-- Flow 1:
Average throughput: 53.71 Mbit/s
95th percentile per-packet one-way delay: 52.205 ms
Loss rate: 19.41%
-- Flow 2:
Average throughput: 41.72 Mbit/s
95th percentile per-packet one-way delay: 62.438 ms
Loss rate: 25.84%
-- Flow 3:
Average throughput: 30.91 Mbit/s
95th percentile per-packet one-way delay: 54.749 ms
Loss rate: 33.00%

Run 8: Report of FillP-Sheep — Data Link

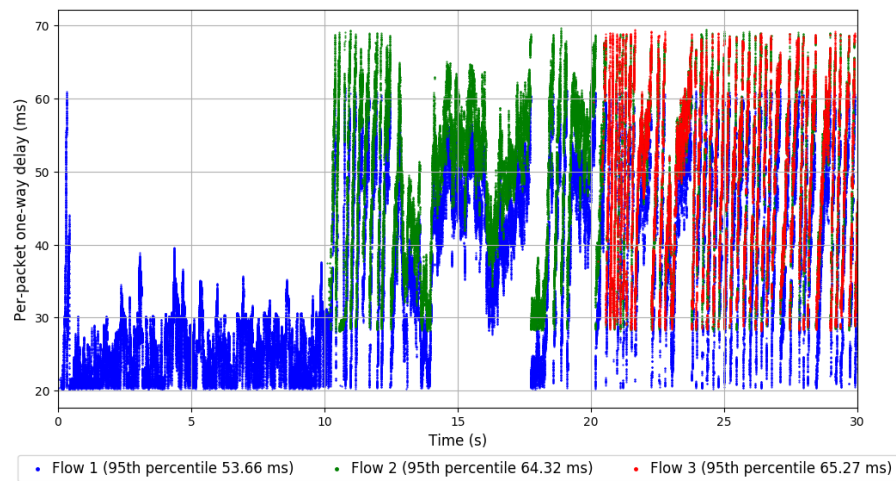
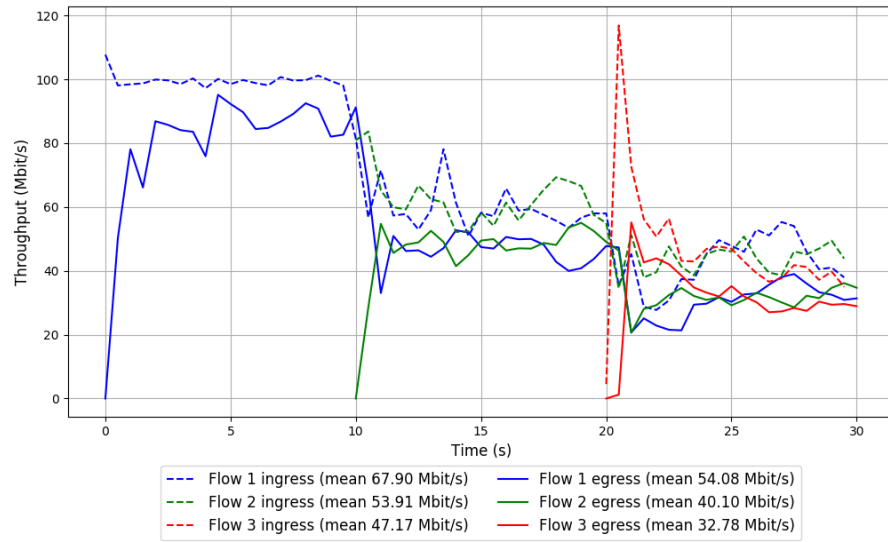


Run 9: Statistics of FillP-Sheep

Start at: 2018-08-09 13:30:52
End at: 2018-08-09 13:31:22
Local clock offset: -11.602 ms
Remote clock offset: -7.797 ms

Below is generated by plot.py at 2018-08-09 14:09:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.59 Mbit/s
95th percentile per-packet one-way delay: 61.697 ms
Loss rate: 23.24%
-- Flow 1:
Average throughput: 54.08 Mbit/s
95th percentile per-packet one-way delay: 53.663 ms
Loss rate: 20.31%
-- Flow 2:
Average throughput: 40.10 Mbit/s
95th percentile per-packet one-way delay: 64.316 ms
Loss rate: 25.58%
-- Flow 3:
Average throughput: 32.78 Mbit/s
95th percentile per-packet one-way delay: 65.266 ms
Loss rate: 30.64%

Run 9: Report of FillP-Sheep — Data Link

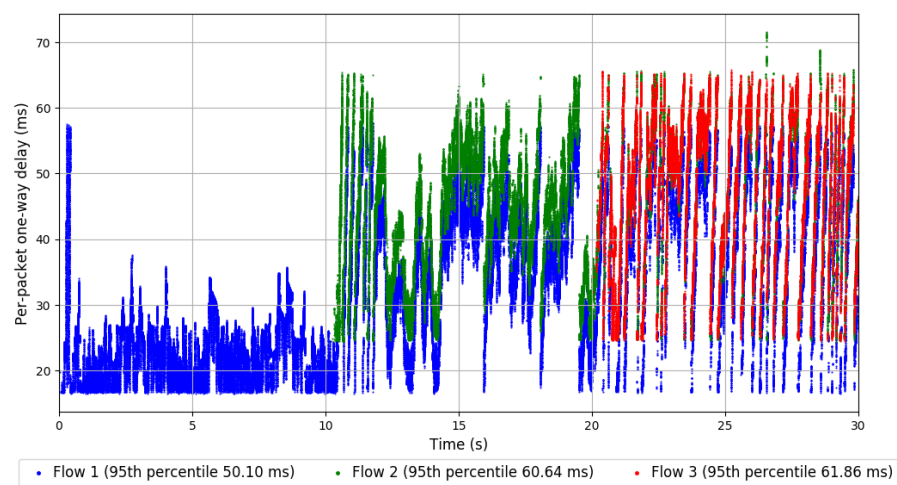
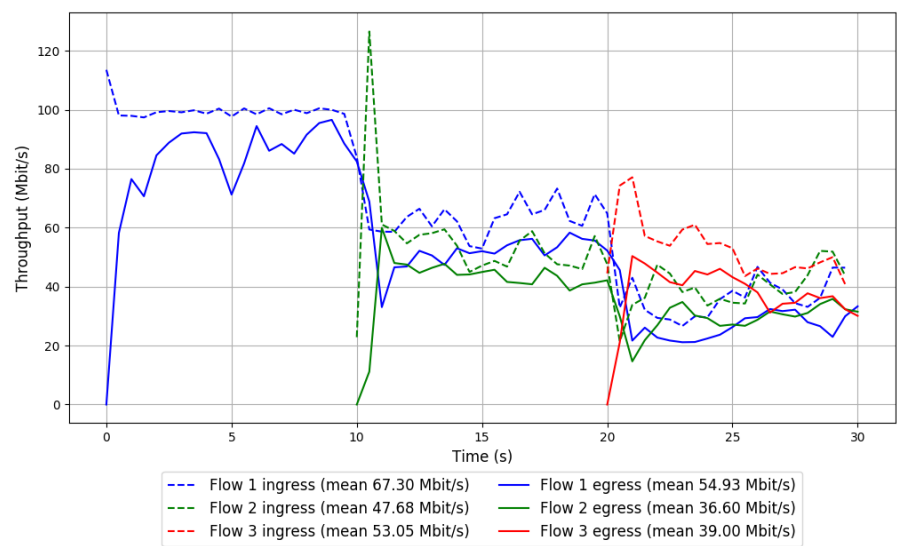


Run 10: Statistics of FillP-Sheep

Start at: 2018-08-09 13:50:25
End at: 2018-08-09 13:50:55
Local clock offset: -9.183 ms
Remote clock offset: -8.665 ms

Below is generated by plot.py at 2018-08-09 14:09:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.02 Mbit/s
95th percentile per-packet one-way delay: 58.386 ms
Loss rate: 21.08%
-- Flow 1:
Average throughput: 54.93 Mbit/s
95th percentile per-packet one-way delay: 50.104 ms
Loss rate: 18.33%
-- Flow 2:
Average throughput: 36.60 Mbit/s
95th percentile per-packet one-way delay: 60.644 ms
Loss rate: 23.96%
-- Flow 3:
Average throughput: 39.00 Mbit/s
95th percentile per-packet one-way delay: 61.860 ms
Loss rate: 26.41%

Run 10: Report of FillP-Sheep — Data Link

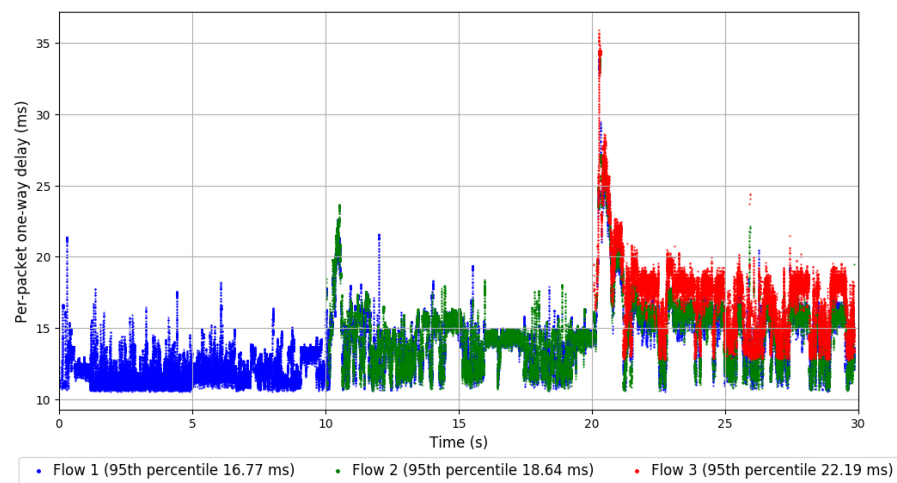
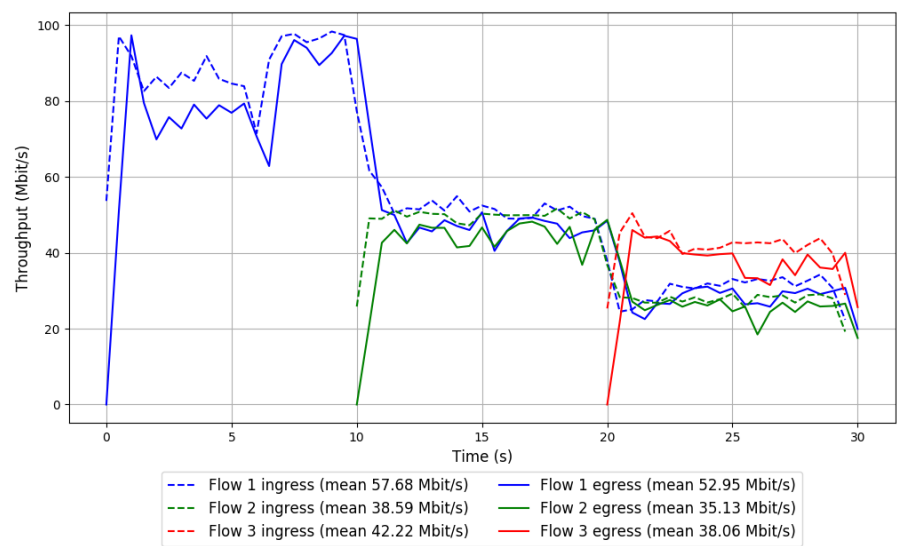


Run 1: Statistics of Indigo

Start at: 2018-08-09 10:55:11
End at: 2018-08-09 10:55:41
Local clock offset: -0.341 ms
Remote clock offset: -7.437 ms

Below is generated by plot.py at 2018-08-09 14:09:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.75 Mbit/s
95th percentile per-packet one-way delay: 18.896 ms
Loss rate: 8.64%
-- Flow 1:
Average throughput: 52.95 Mbit/s
95th percentile per-packet one-way delay: 16.774 ms
Loss rate: 8.20%
-- Flow 2:
Average throughput: 35.13 Mbit/s
95th percentile per-packet one-way delay: 18.635 ms
Loss rate: 8.96%
-- Flow 3:
Average throughput: 38.06 Mbit/s
95th percentile per-packet one-way delay: 22.194 ms
Loss rate: 9.86%

Run 1: Report of Indigo — Data Link

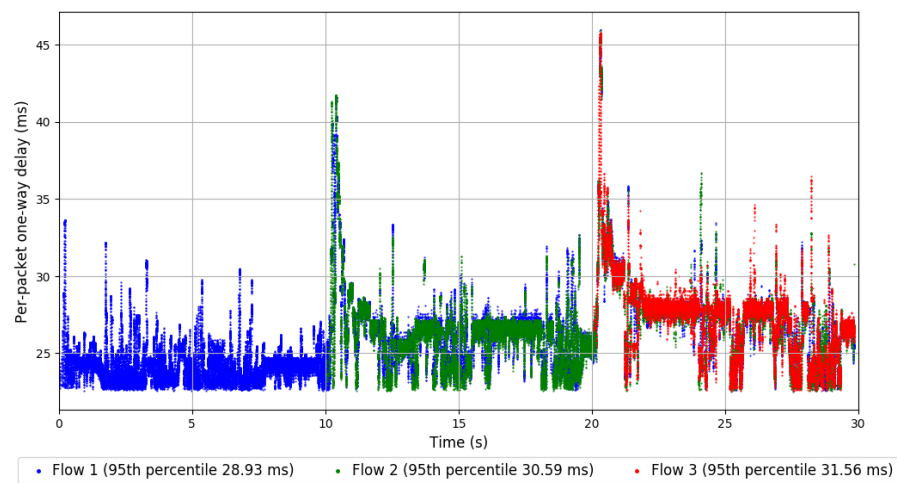
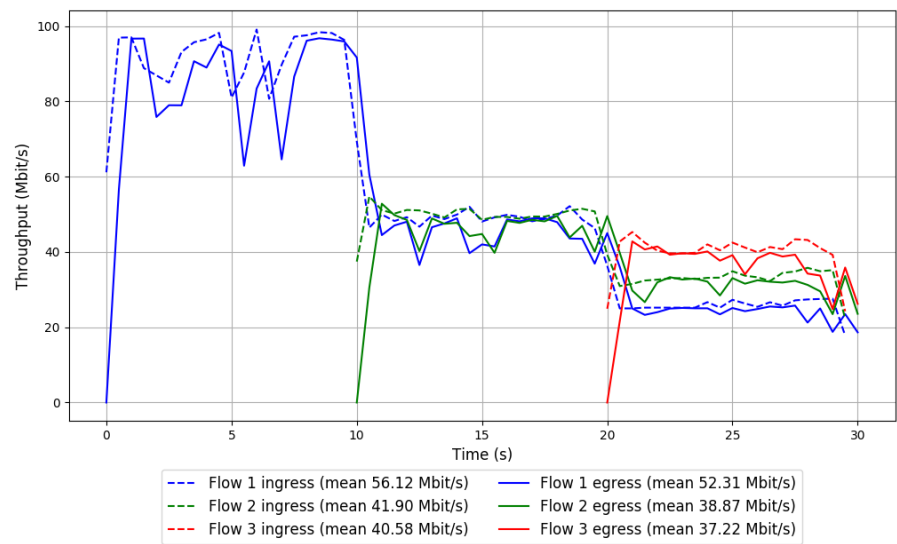


Run 2: Statistics of Indigo

Start at: 2018-08-09 11:14:30
End at: 2018-08-09 11:15:00
Local clock offset: -10.544 ms
Remote clock offset: -5.419 ms

Below is generated by plot.py at 2018-08-09 14:09:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.28 Mbit/s
95th percentile per-packet one-way delay: 30.296 ms
Loss rate: 7.13%
-- Flow 1:
Average throughput: 52.31 Mbit/s
95th percentile per-packet one-way delay: 28.934 ms
Loss rate: 6.79%
-- Flow 2:
Average throughput: 38.87 Mbit/s
95th percentile per-packet one-way delay: 30.590 ms
Loss rate: 7.21%
-- Flow 3:
Average throughput: 37.22 Mbit/s
95th percentile per-packet one-way delay: 31.560 ms
Loss rate: 8.42%

Run 2: Report of Indigo — Data Link



Run 3: Statistics of Indigo

Start at: 2018-08-09 11:34:05

End at: 2018-08-09 11:34:35

Local clock offset: -9.1 ms

Remote clock offset: -3.5 ms

Below is generated by plot.py at 2018-08-09 14:09:11

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.72 Mbit/s

95th percentile per-packet one-way delay: 32.403 ms

Loss rate: 12.60%

-- Flow 1:

Average throughput: 51.22 Mbit/s

95th percentile per-packet one-way delay: 31.596 ms

Loss rate: 10.92%

-- Flow 2:

Average throughput: 29.97 Mbit/s

95th percentile per-packet one-way delay: 33.470 ms

Loss rate: 15.62%

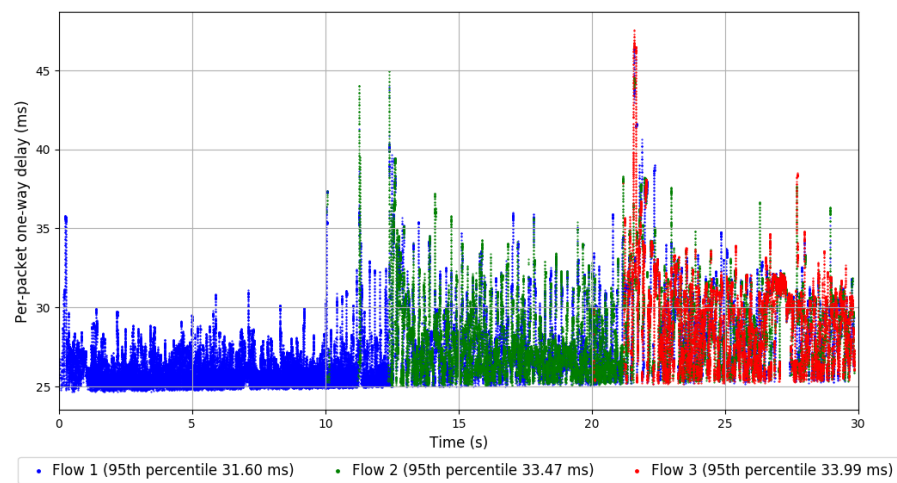
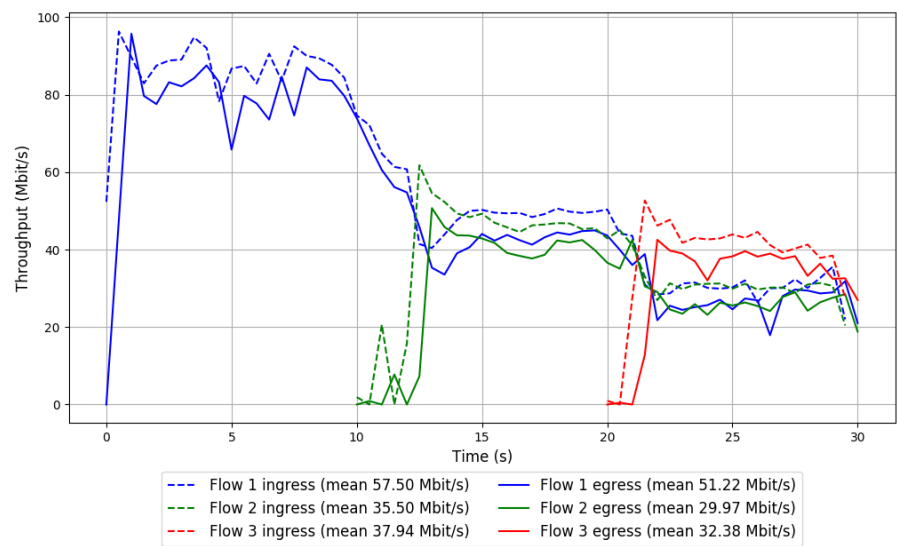
-- Flow 3:

Average throughput: 32.38 Mbit/s

95th percentile per-packet one-way delay: 33.995 ms

Loss rate: 14.66%

Run 3: Report of Indigo — Data Link

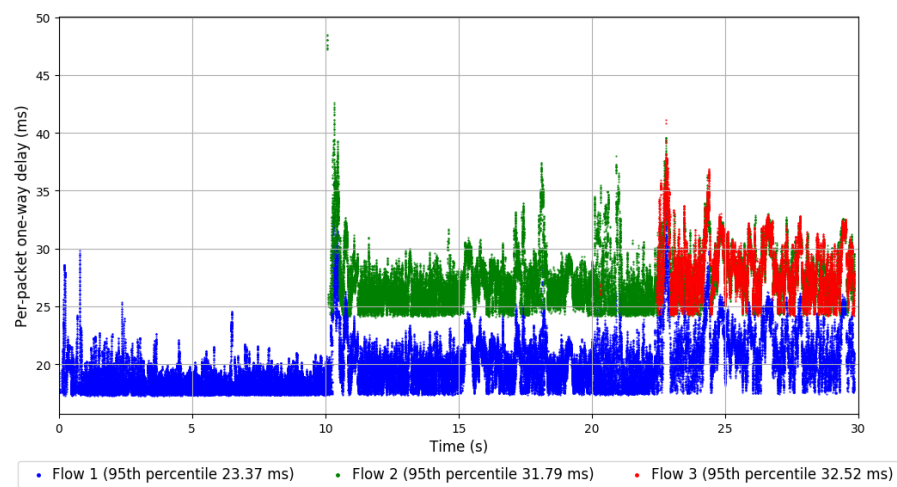
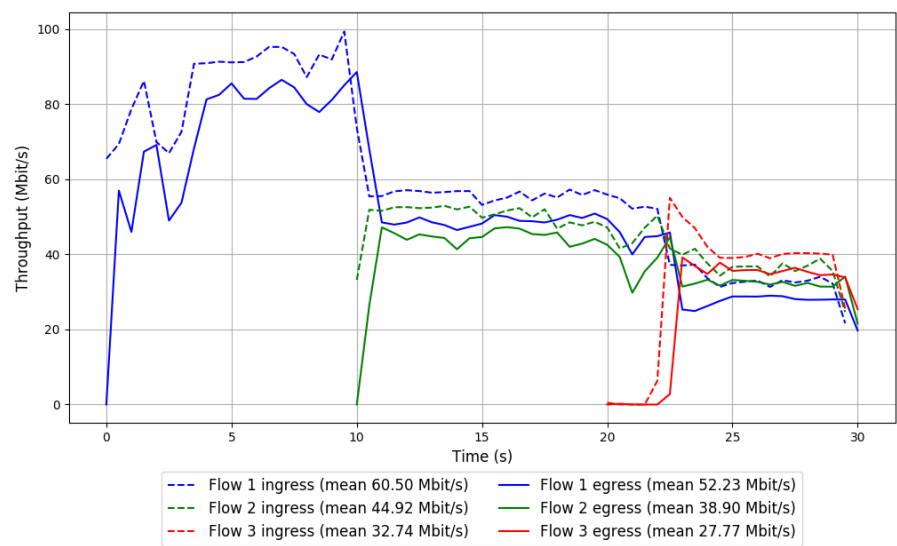


Run 4: Statistics of Indigo

Start at: 2018-08-09 11:53:47
End at: 2018-08-09 11:54:17
Local clock offset: -8.97 ms
Remote clock offset: -15.908 ms

Below is generated by plot.py at 2018-08-09 14:09:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.89 Mbit/s
95th percentile per-packet one-way delay: 30.486 ms
Loss rate: 13.77%
-- Flow 1:
Average throughput: 52.23 Mbit/s
95th percentile per-packet one-way delay: 23.367 ms
Loss rate: 13.67%
-- Flow 2:
Average throughput: 38.90 Mbit/s
95th percentile per-packet one-way delay: 31.789 ms
Loss rate: 13.50%
-- Flow 3:
Average throughput: 27.77 Mbit/s
95th percentile per-packet one-way delay: 32.520 ms
Loss rate: 15.15%

Run 4: Report of Indigo — Data Link

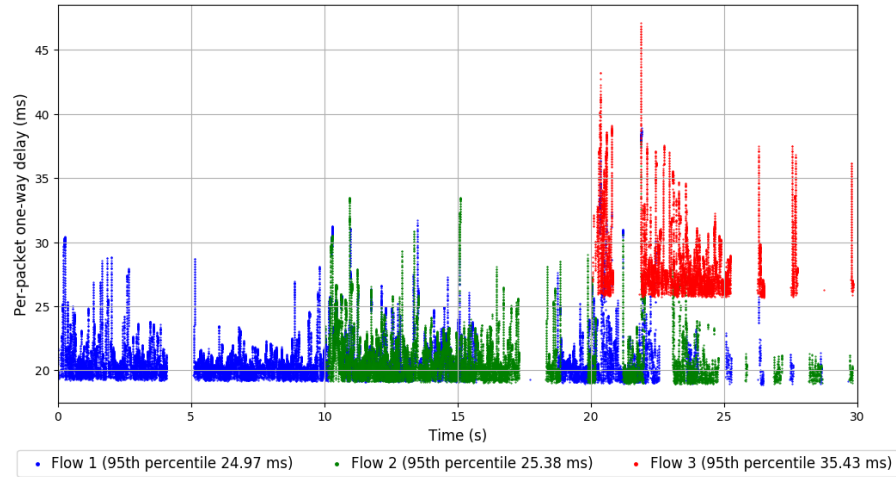
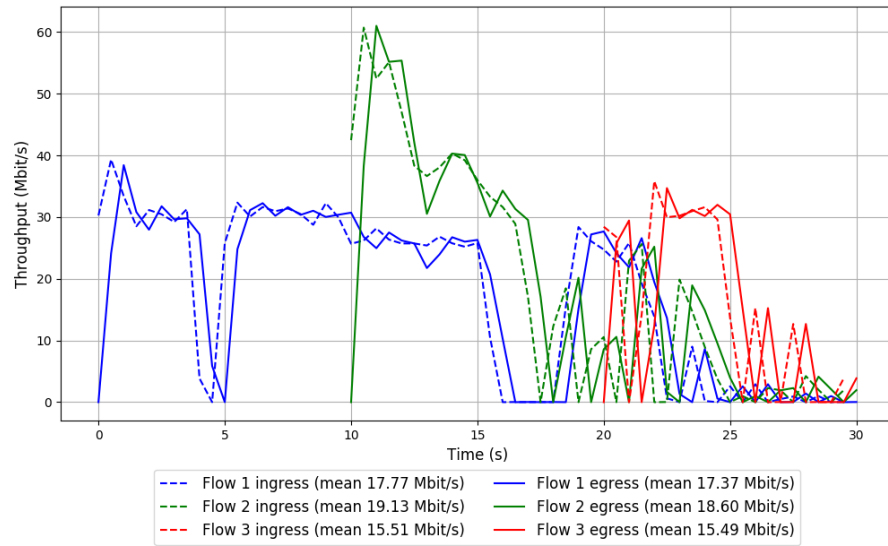


Run 5: Statistics of Indigo

Start at: 2018-08-09 12:13:09
End at: 2018-08-09 12:13:39
Local clock offset: -8.982 ms
Remote clock offset: -11.257 ms

Below is generated by plot.py at 2018-08-09 14:09:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 34.68 Mbit/s
95th percentile per-packet one-way delay: 29.206 ms
Loss rate: 2.11%
-- Flow 1:
Average throughput: 17.37 Mbit/s
95th percentile per-packet one-way delay: 24.967 ms
Loss rate: 2.23%
-- Flow 2:
Average throughput: 18.60 Mbit/s
95th percentile per-packet one-way delay: 25.383 ms
Loss rate: 2.75%
-- Flow 3:
Average throughput: 15.49 Mbit/s
95th percentile per-packet one-way delay: 35.429 ms
Loss rate: 0.12%

Run 5: Report of Indigo — Data Link

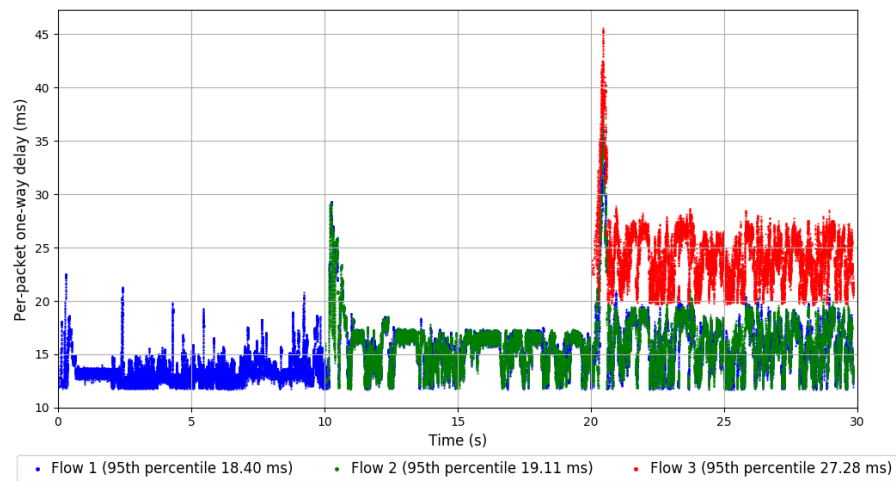
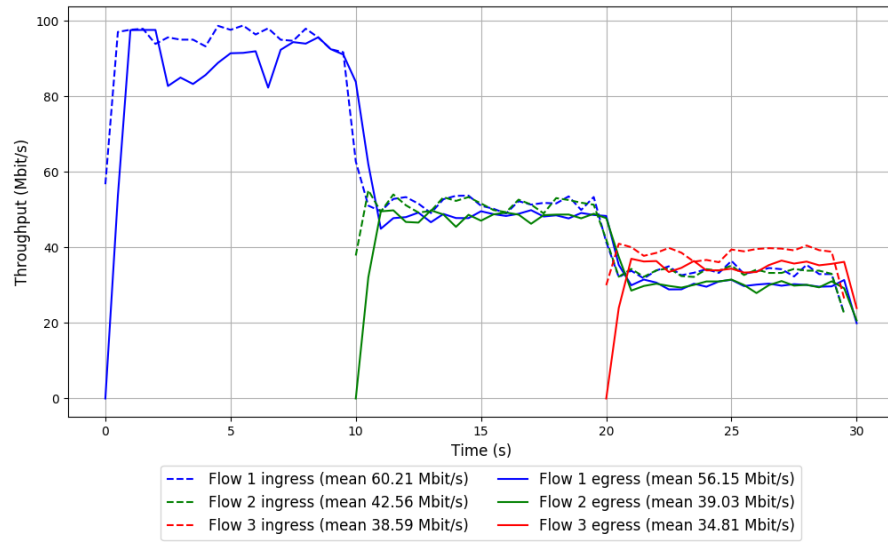


Run 6: Statistics of Indigo

Start at: 2018-08-09 12:33:33
End at: 2018-08-09 12:34:03
Local clock offset: -2.771 ms
Remote clock offset: -4.379 ms

Below is generated by plot.py at 2018-08-09 14:10:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.47 Mbit/s
95th percentile per-packet one-way delay: 25.357 ms
Loss rate: 7.57%
-- Flow 1:
Average throughput: 56.15 Mbit/s
95th percentile per-packet one-way delay: 18.396 ms
Loss rate: 6.74%
-- Flow 2:
Average throughput: 39.03 Mbit/s
95th percentile per-packet one-way delay: 19.107 ms
Loss rate: 8.30%
-- Flow 3:
Average throughput: 34.81 Mbit/s
95th percentile per-packet one-way delay: 27.282 ms
Loss rate: 9.86%

Run 6: Report of Indigo — Data Link

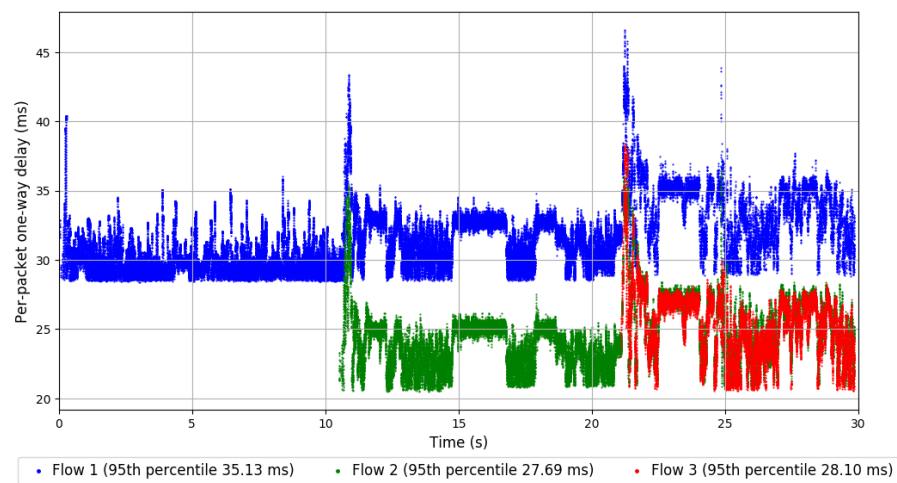
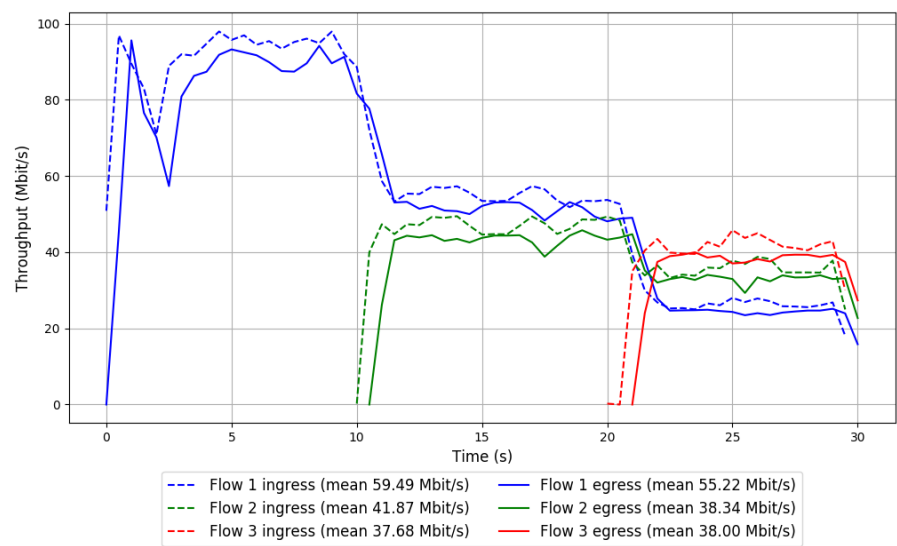


Run 7: Statistics of Indigo

Start at: 2018-08-09 12:52:55
End at: 2018-08-09 12:53:25
Local clock offset: -11.257 ms
Remote clock offset: -5.072 ms

Below is generated by plot.py at 2018-08-09 14:10:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.28 Mbit/s
95th percentile per-packet one-way delay: 34.069 ms
Loss rate: 7.81%
-- Flow 1:
Average throughput: 55.22 Mbit/s
95th percentile per-packet one-way delay: 35.129 ms
Loss rate: 7.19%
-- Flow 2:
Average throughput: 38.34 Mbit/s
95th percentile per-packet one-way delay: 27.692 ms
Loss rate: 8.41%
-- Flow 3:
Average throughput: 38.00 Mbit/s
95th percentile per-packet one-way delay: 28.101 ms
Loss rate: 9.48%

Run 7: Report of Indigo — Data Link



Run 8: Statistics of Indigo

Start at: 2018-08-09 13:12:44

End at: 2018-08-09 13:13:14

Local clock offset: -7.986 ms

Remote clock offset: -6.38 ms

Below is generated by plot.py at 2018-08-09 14:10:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.42 Mbit/s

95th percentile per-packet one-way delay: 31.700 ms

Loss rate: 7.78%

-- Flow 1:

Average throughput: 54.55 Mbit/s

95th percentile per-packet one-way delay: 31.443 ms

Loss rate: 7.42%

-- Flow 2:

Average throughput: 37.42 Mbit/s

95th percentile per-packet one-way delay: 32.382 ms

Loss rate: 8.49%

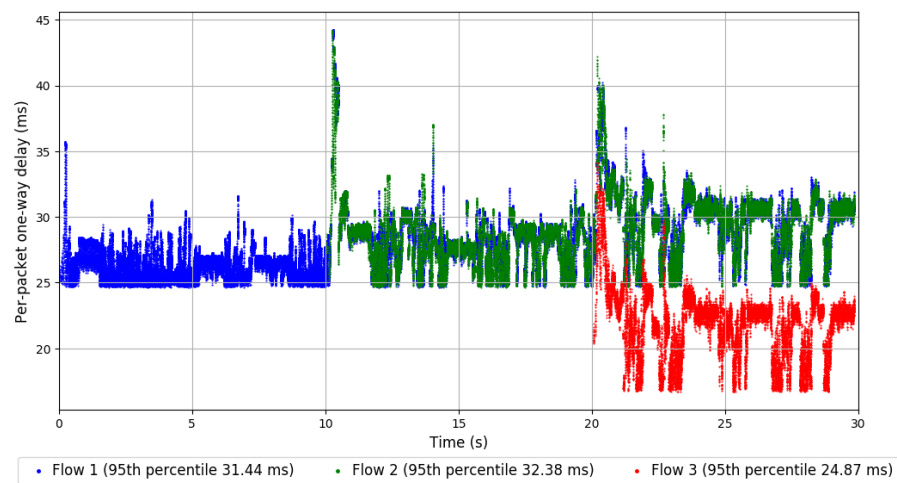
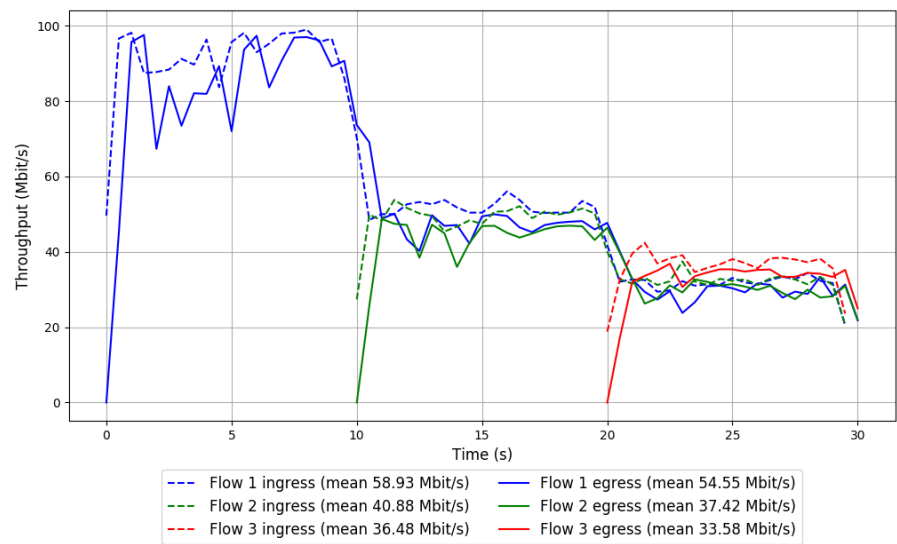
-- Flow 3:

Average throughput: 33.58 Mbit/s

95th percentile per-packet one-way delay: 24.872 ms

Loss rate: 7.92%

Run 8: Report of Indigo — Data Link

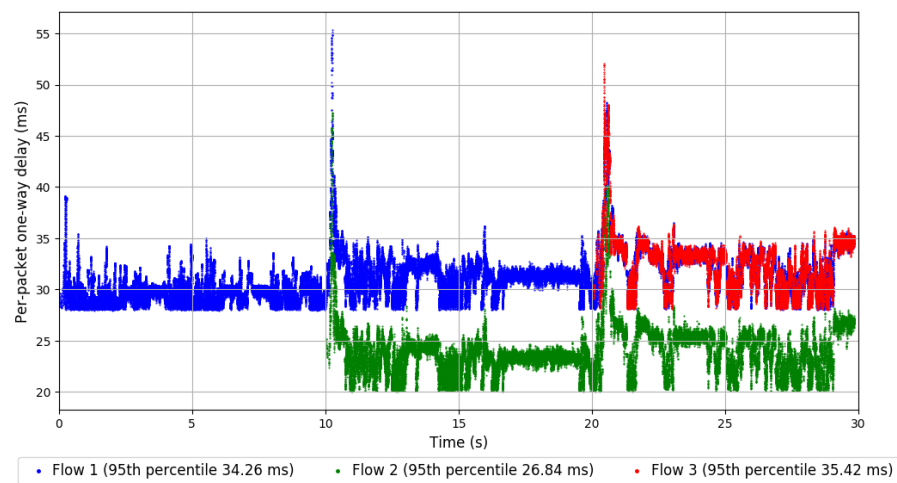
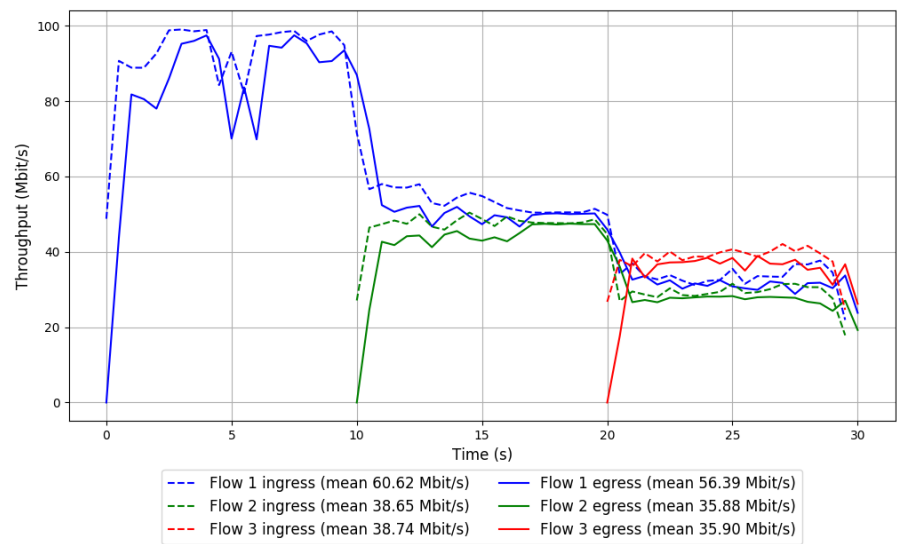


Run 9: Statistics of Indigo

Start at: 2018-08-09 13:32:06
End at: 2018-08-09 13:32:36
Local clock offset: -11.206 ms
Remote clock offset: -7.778 ms

```
# Below is generated by plot.py at 2018-08-09 14:10:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.97 Mbit/s
95th percentile per-packet one-way delay: 34.463 ms
Loss rate: 7.06%
-- Flow 1:
Average throughput: 56.39 Mbit/s
95th percentile per-packet one-way delay: 34.256 ms
Loss rate: 6.95%
-- Flow 2:
Average throughput: 35.88 Mbit/s
95th percentile per-packet one-way delay: 26.842 ms
Loss rate: 7.16%
-- Flow 3:
Average throughput: 35.90 Mbit/s
95th percentile per-packet one-way delay: 35.425 ms
Loss rate: 7.35%
```

Run 9: Report of Indigo — Data Link

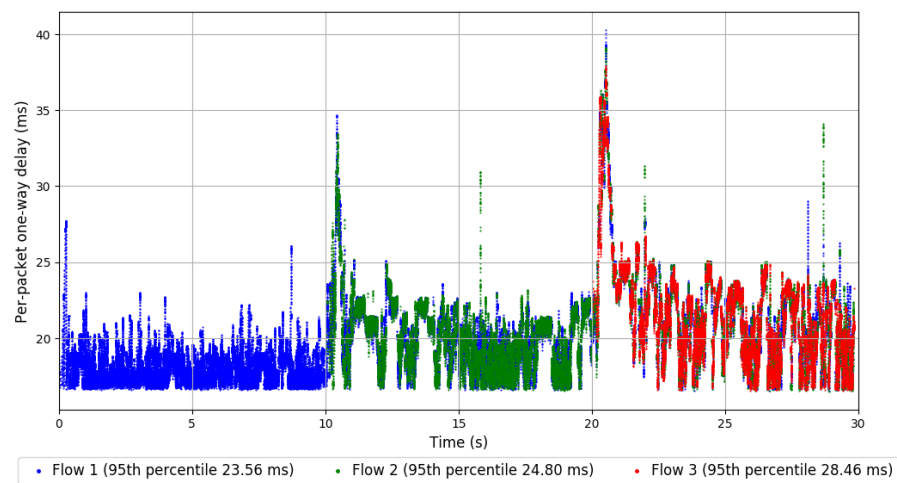
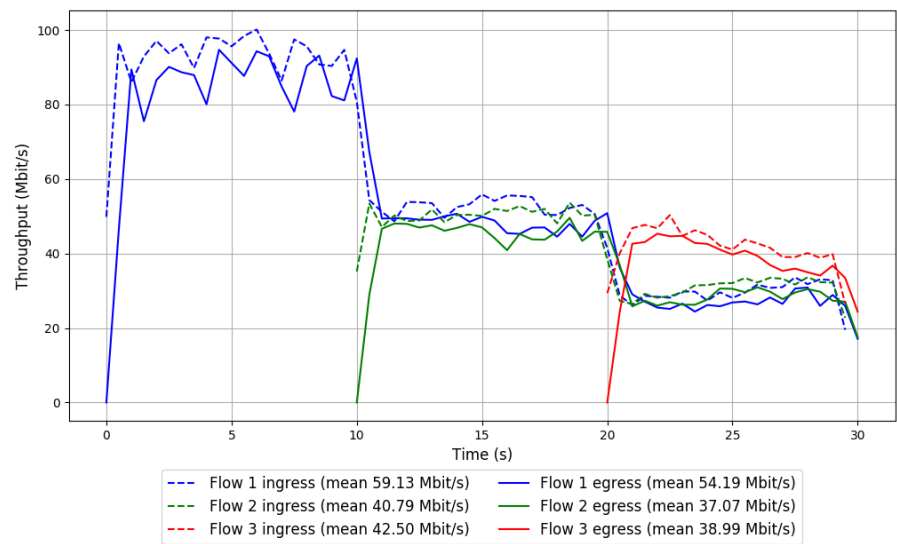


Run 10: Statistics of Indigo

Start at: 2018-08-09 13:51:34
End at: 2018-08-09 13:52:04
Local clock offset: -0.614 ms
Remote clock offset: -7.928 ms

Below is generated by plot.py at 2018-08-09 14:10:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.55 Mbit/s
95th percentile per-packet one-way delay: 24.689 ms
Loss rate: 8.58%
-- Flow 1:
Average throughput: 54.19 Mbit/s
95th percentile per-packet one-way delay: 23.563 ms
Loss rate: 8.34%
-- Flow 2:
Average throughput: 37.07 Mbit/s
95th percentile per-packet one-way delay: 24.799 ms
Loss rate: 9.24%
-- Flow 3:
Average throughput: 38.99 Mbit/s
95th percentile per-packet one-way delay: 28.460 ms
Loss rate: 8.27%

Run 10: Report of Indigo — Data Link

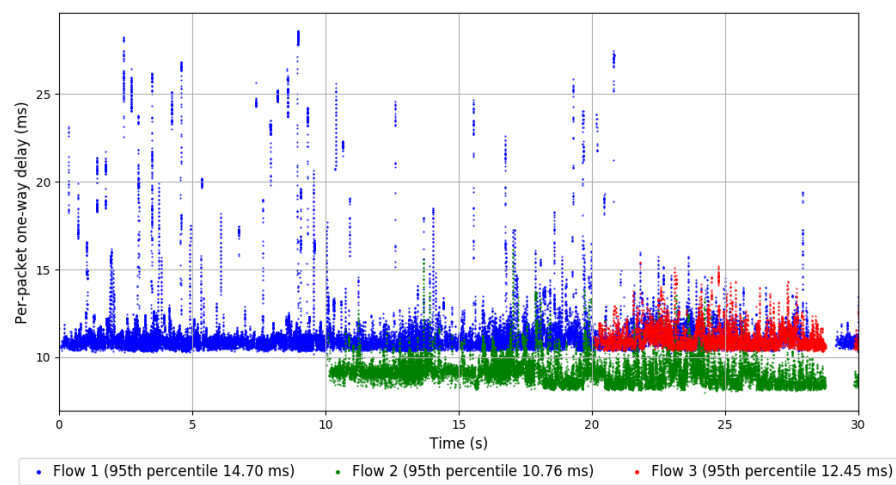
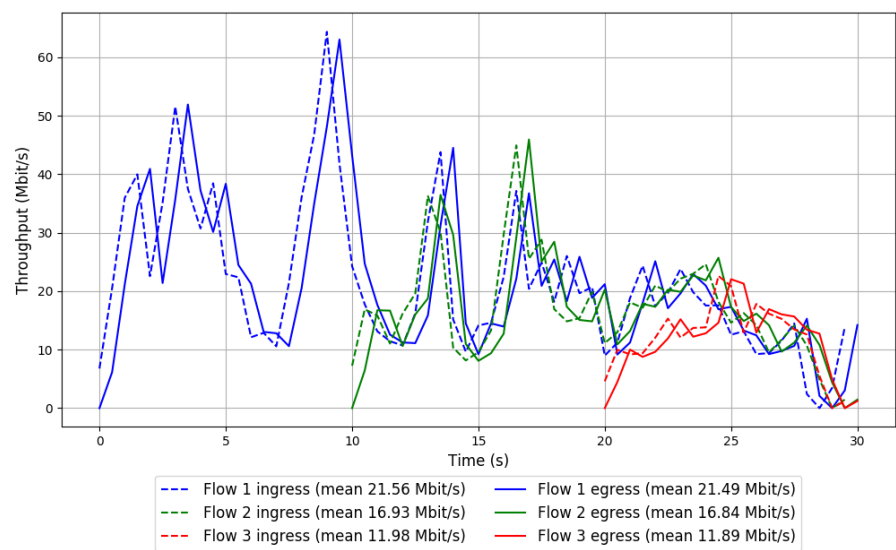


Run 1: Statistics of LEDBAT

Start at: 2018-08-09 10:57:32
End at: 2018-08-09 10:58:02
Local clock offset: 2.112 ms
Remote clock offset: -7.391 ms

Below is generated by plot.py at 2018-08-09 14:10:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 36.66 Mbit/s
95th percentile per-packet one-way delay: 12.663 ms
Loss rate: 0.41%
-- Flow 1:
Average throughput: 21.49 Mbit/s
95th percentile per-packet one-way delay: 14.698 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 16.84 Mbit/s
95th percentile per-packet one-way delay: 10.763 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 11.89 Mbit/s
95th percentile per-packet one-way delay: 12.448 ms
Loss rate: 0.73%

Run 1: Report of LEDBAT — Data Link

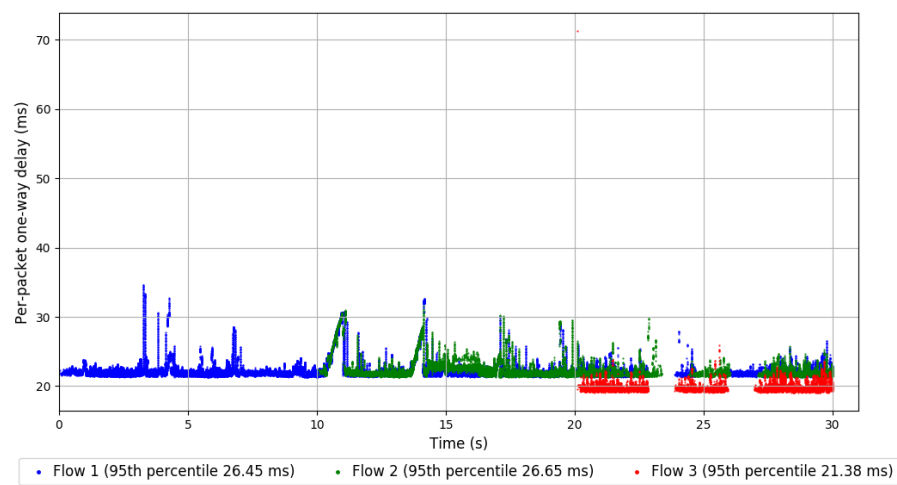
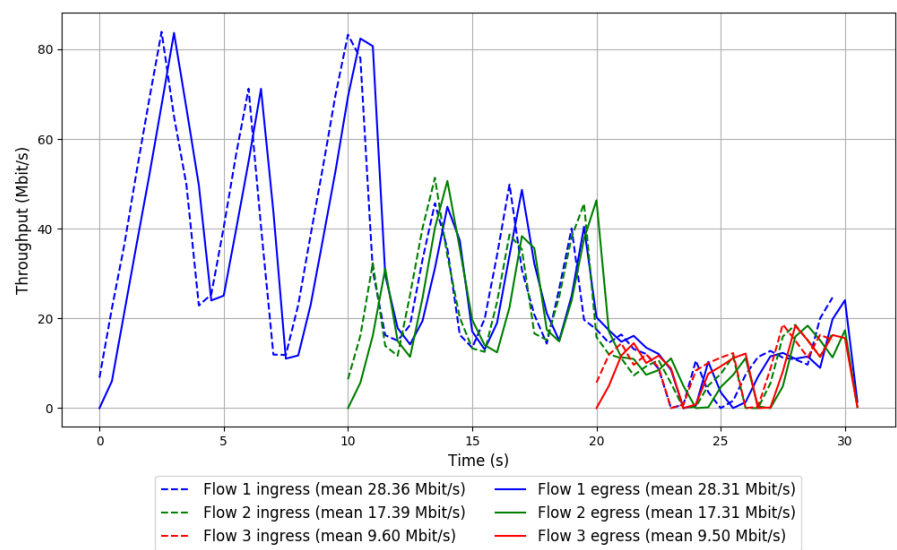


```
Run 2: Statistics of LEDBAT

Start at: 2018-08-09 11:16:51
End at: 2018-08-09 11:17:21
Local clock offset: -8.005 ms
Remote clock offset: -3.73 ms

# Below is generated by plot.py at 2018-08-09 14:10:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 42.98 Mbit/s
95th percentile per-packet one-way delay: 26.235 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 28.31 Mbit/s
95th percentile per-packet one-way delay: 26.451 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 17.31 Mbit/s
95th percentile per-packet one-way delay: 26.650 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 9.50 Mbit/s
95th percentile per-packet one-way delay: 21.376 ms
Loss rate: 1.52%
```

Run 2: Report of LEDBAT — Data Link

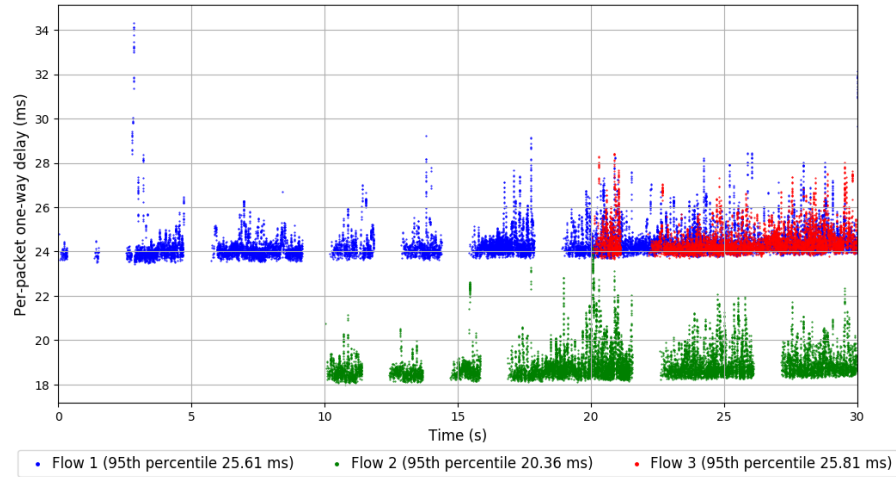
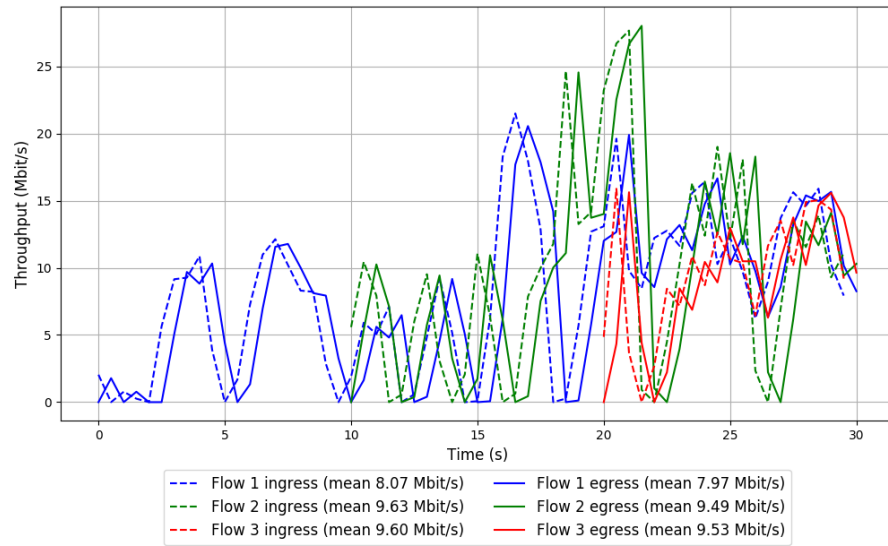


Run 3: Statistics of LEDBAT

Start at: 2018-08-09 11:36:29
End at: 2018-08-09 11:36:59
Local clock offset: -8.674 ms
Remote clock offset: -7.037 ms

Below is generated by plot.py at 2018-08-09 14:10:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 17.45 Mbit/s
95th percentile per-packet one-way delay: 25.342 ms
Loss rate: 1.28%
-- Flow 1:
Average throughput: 7.97 Mbit/s
95th percentile per-packet one-way delay: 25.609 ms
Loss rate: 1.27%
-- Flow 2:
Average throughput: 9.49 Mbit/s
95th percentile per-packet one-way delay: 20.355 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 9.53 Mbit/s
95th percentile per-packet one-way delay: 25.813 ms
Loss rate: 0.81%

Run 3: Report of LEDBAT — Data Link

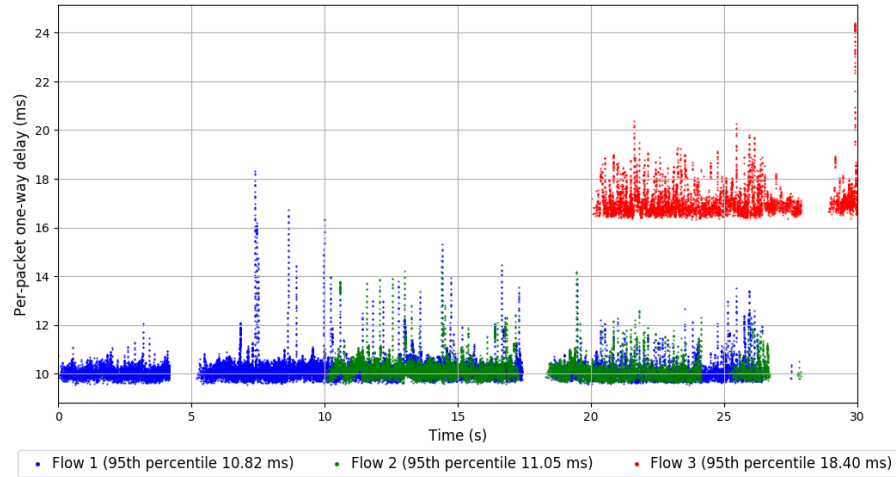
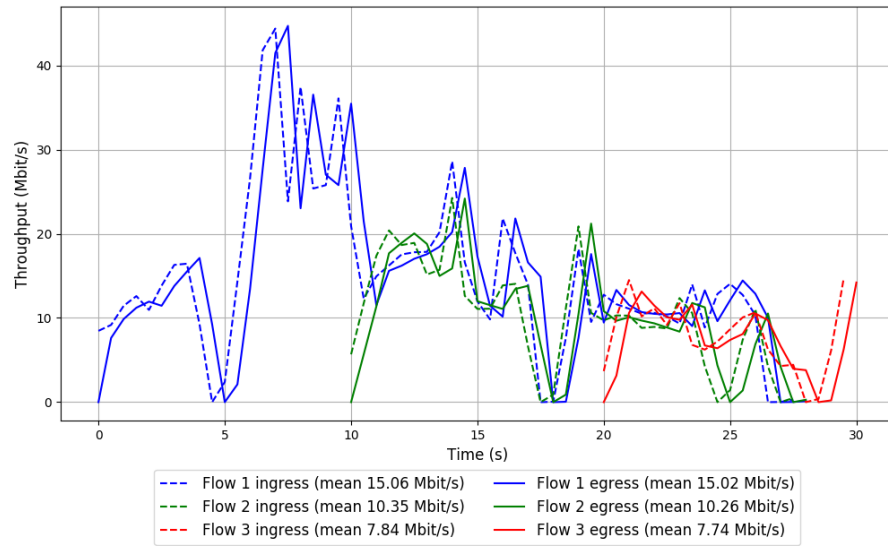


Run 4: Statistics of LEDBAT

Start at: 2018-08-09 11:56:12
End at: 2018-08-09 11:56:42
Local clock offset: -7.26 ms
Remote clock offset: -22.358 ms

Below is generated by plot.py at 2018-08-09 14:10:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.46 Mbit/s
95th percentile per-packet one-way delay: 17.001 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 15.02 Mbit/s
95th percentile per-packet one-way delay: 10.822 ms
Loss rate: 0.37%
-- Flow 2:
Average throughput: 10.26 Mbit/s
95th percentile per-packet one-way delay: 11.053 ms
Loss rate: 0.85%
-- Flow 3:
Average throughput: 7.74 Mbit/s
95th percentile per-packet one-way delay: 18.397 ms
Loss rate: 1.63%

Run 4: Report of LEDBAT — Data Link

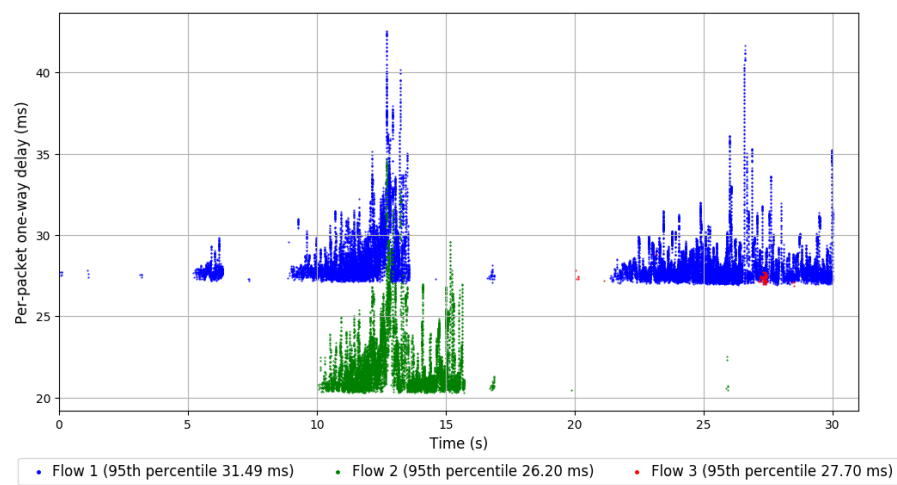
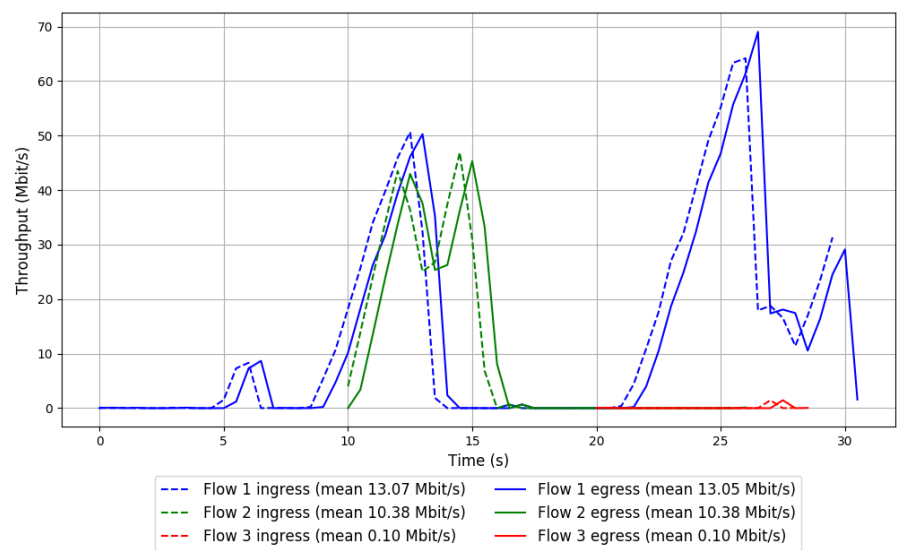


Run 5: Statistics of LEDBAT

Start at: 2018-08-09 12:16:04
End at: 2018-08-09 12:16:34
Local clock offset: -11.0 ms
Remote clock offset: -10.097 ms

Below is generated by plot.py at 2018-08-09 14:10:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 18.59 Mbit/s
95th percentile per-packet one-way delay: 30.942 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 13.05 Mbit/s
95th percentile per-packet one-way delay: 31.493 ms
Loss rate: 0.19%
-- Flow 2:
Average throughput: 10.38 Mbit/s
95th percentile per-packet one-way delay: 26.199 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 27.703 ms
Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

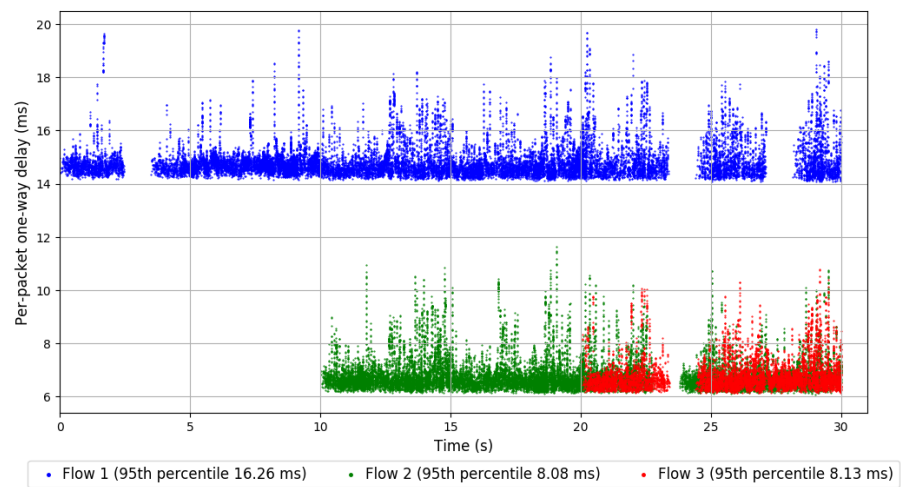
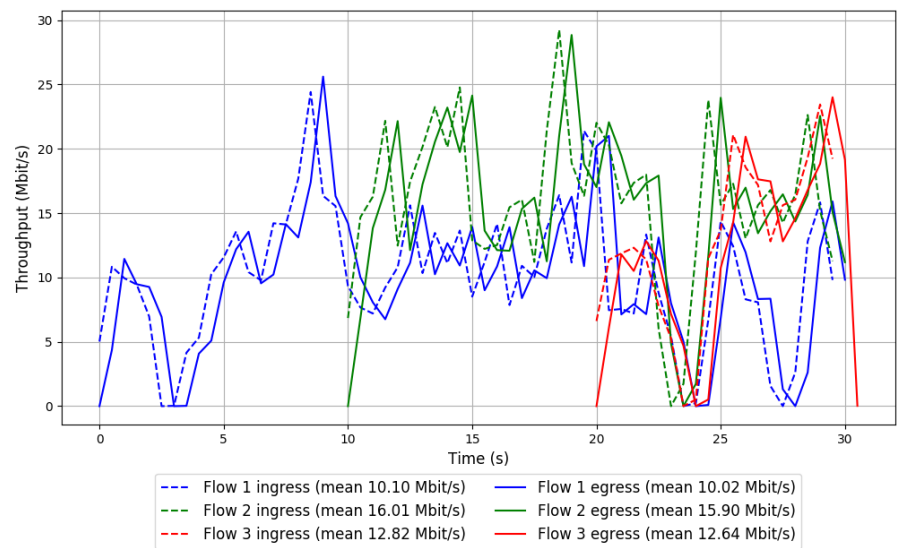


Run 6: Statistics of LEDBAT

Start at: 2018-08-09 12:35:55
End at: 2018-08-09 12:36:25
Local clock offset: 3.038 ms
Remote clock offset: -3.706 ms

Below is generated by plot.py at 2018-08-09 14:10:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 24.81 Mbit/s
95th percentile per-packet one-way delay: 15.448 ms
Loss rate: 0.90%
-- Flow 1:
Average throughput: 10.02 Mbit/s
95th percentile per-packet one-way delay: 16.263 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 15.90 Mbit/s
95th percentile per-packet one-way delay: 8.076 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 12.64 Mbit/s
95th percentile per-packet one-way delay: 8.133 ms
Loss rate: 1.37%

Run 6: Report of LEDBAT — Data Link

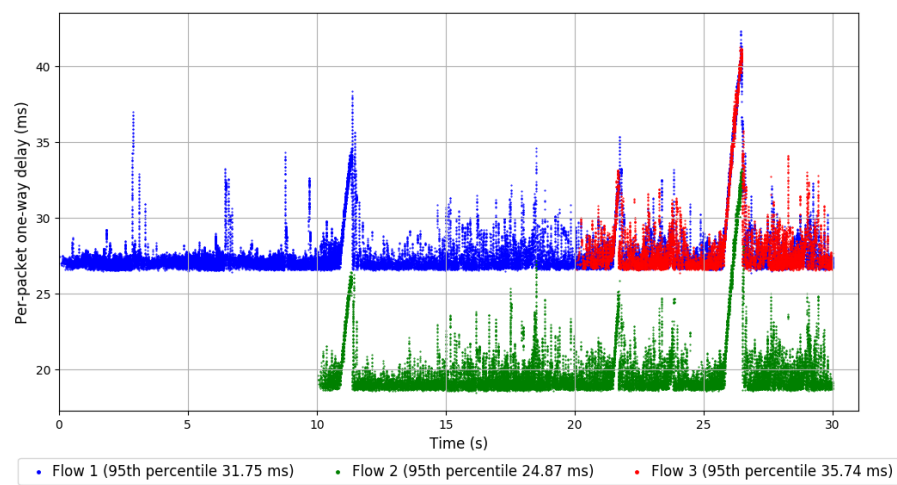
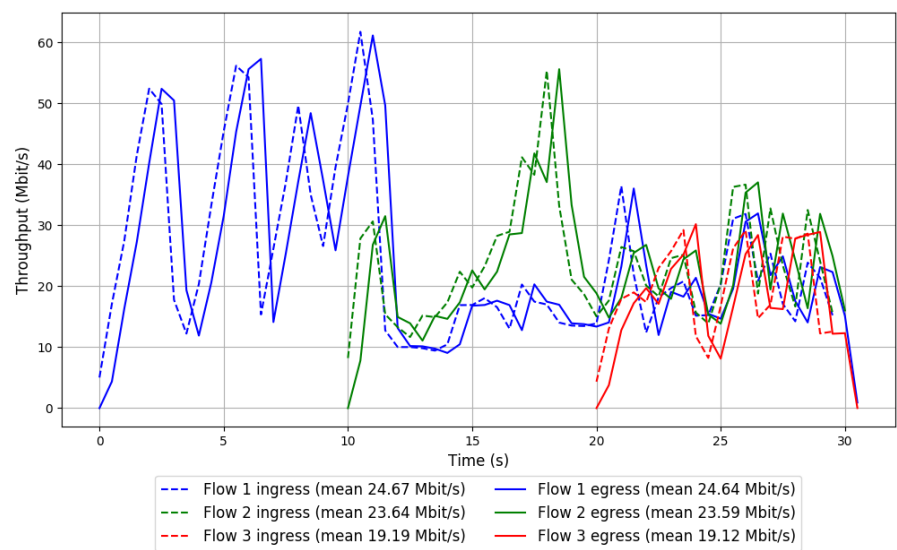


Run 7: Statistics of LEDBAT

Start at: 2018-08-09 12:55:20
End at: 2018-08-09 12:55:50
Local clock offset: -9.587 ms
Remote clock offset: -5.515 ms

Below is generated by plot.py at 2018-08-09 14:10:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 46.70 Mbit/s
95th percentile per-packet one-way delay: 31.093 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 24.64 Mbit/s
95th percentile per-packet one-way delay: 31.751 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 23.59 Mbit/s
95th percentile per-packet one-way delay: 24.873 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 19.12 Mbit/s
95th percentile per-packet one-way delay: 35.745 ms
Loss rate: 0.39%

Run 7: Report of LEDBAT — Data Link

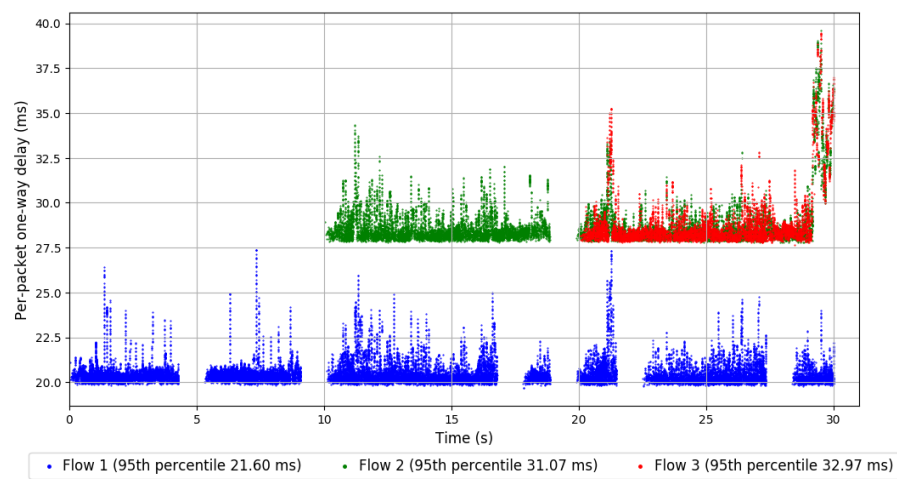
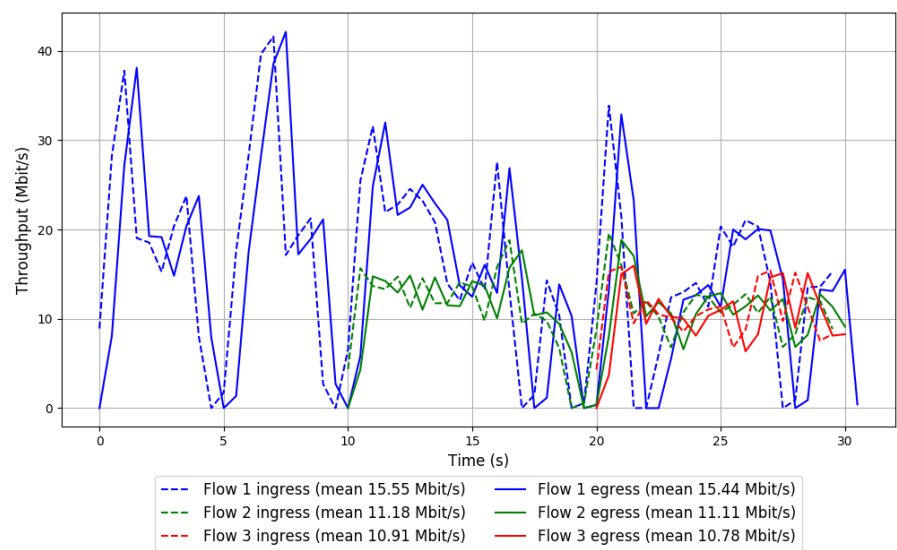


Run 8: Statistics of LEDBAT

Start at: 2018-08-09 13:15:06
End at: 2018-08-09 13:15:36
Local clock offset: -10.356 ms
Remote clock offset: -5.556 ms

Below is generated by plot.py at 2018-08-09 14:10:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 26.40 Mbit/s
95th percentile per-packet one-way delay: 29.568 ms
Loss rate: 0.77%
-- Flow 1:
Average throughput: 15.44 Mbit/s
95th percentile per-packet one-way delay: 21.602 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 11.11 Mbit/s
95th percentile per-packet one-way delay: 31.067 ms
Loss rate: 0.73%
-- Flow 3:
Average throughput: 10.78 Mbit/s
95th percentile per-packet one-way delay: 32.971 ms
Loss rate: 1.14%

Run 8: Report of LEDBAT — Data Link

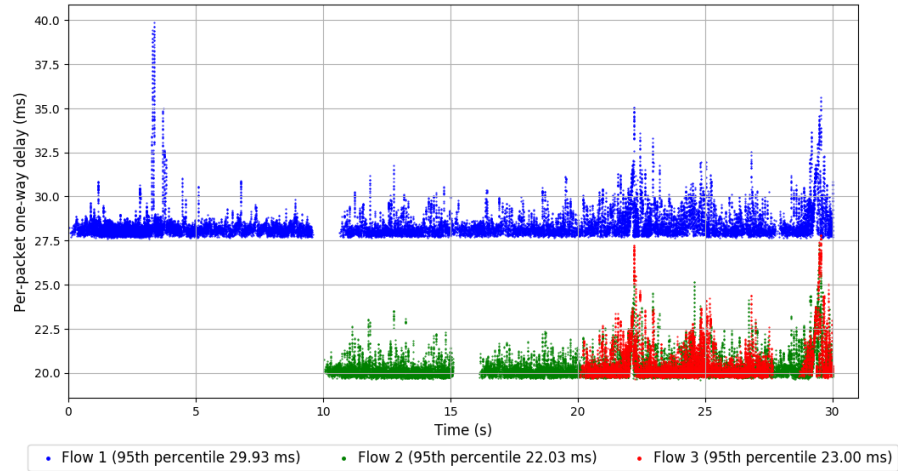
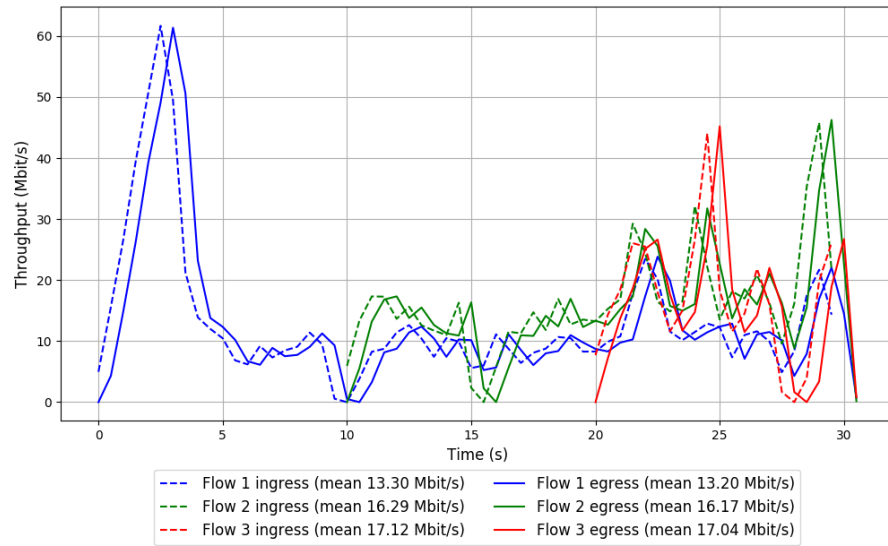


Run 9: Statistics of LEDBAT

Start at: 2018-08-09 13:34:29
End at: 2018-08-09 13:34:59
Local clock offset: -11.379 ms
Remote clock offset: -8.384 ms

Below is generated by plot.py at 2018-08-09 14:10:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.64 Mbit/s
95th percentile per-packet one-way delay: 29.133 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 13.20 Mbit/s
95th percentile per-packet one-way delay: 29.935 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 16.17 Mbit/s
95th percentile per-packet one-way delay: 22.030 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 17.04 Mbit/s
95th percentile per-packet one-way delay: 23.002 ms
Loss rate: 0.45%

Run 9: Report of LEDBAT — Data Link

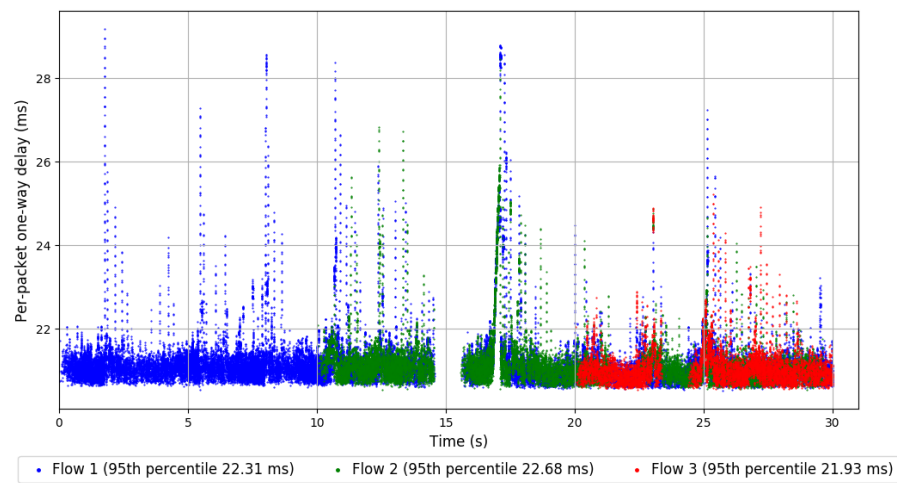
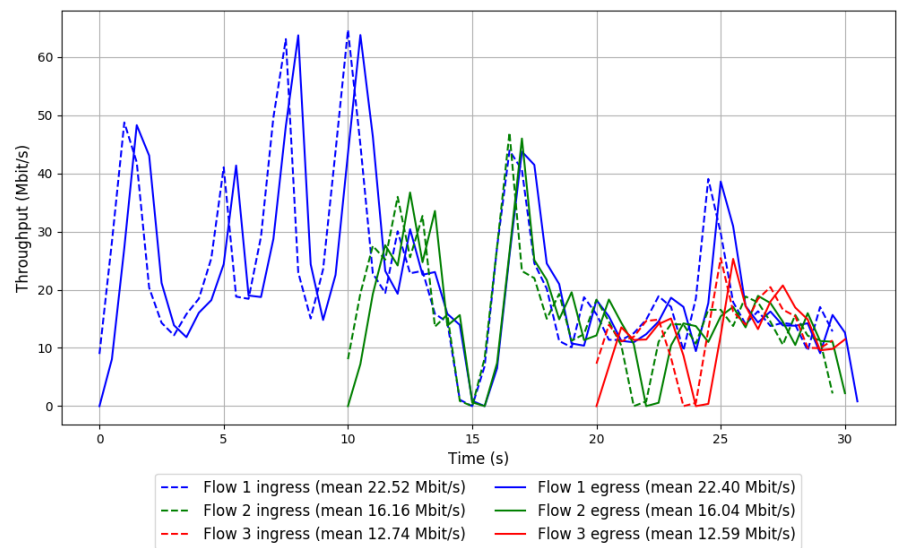


Run 10: Statistics of LEDBAT

Start at: 2018-08-09 13:53:58
End at: 2018-08-09 13:54:28
Local clock offset: -13.16 ms
Remote clock offset: -7.896 ms

Below is generated by plot.py at 2018-08-09 14:10:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 37.07 Mbit/s
95th percentile per-packet one-way delay: 22.306 ms
Loss rate: 0.67%
-- Flow 1:
Average throughput: 22.40 Mbit/s
95th percentile per-packet one-way delay: 22.306 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 16.04 Mbit/s
95th percentile per-packet one-way delay: 22.678 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 12.59 Mbit/s
95th percentile per-packet one-way delay: 21.929 ms
Loss rate: 1.15%

Run 10: Report of LEDBAT — Data Link

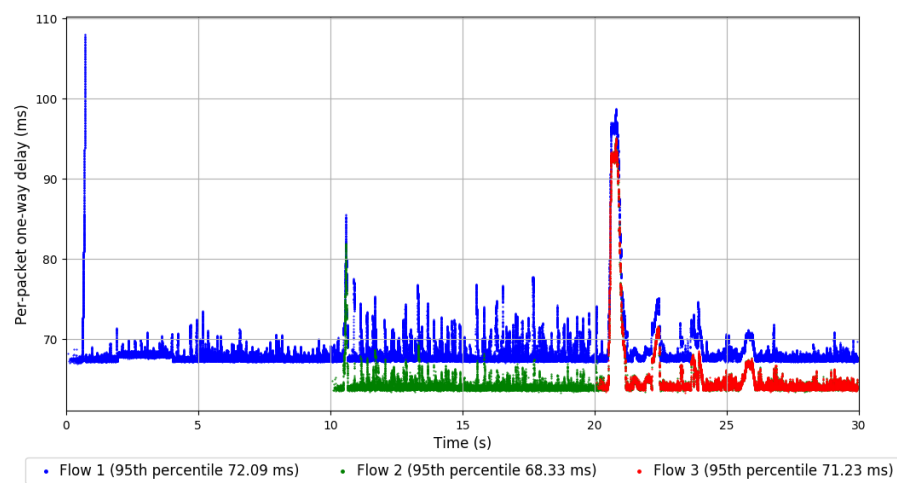
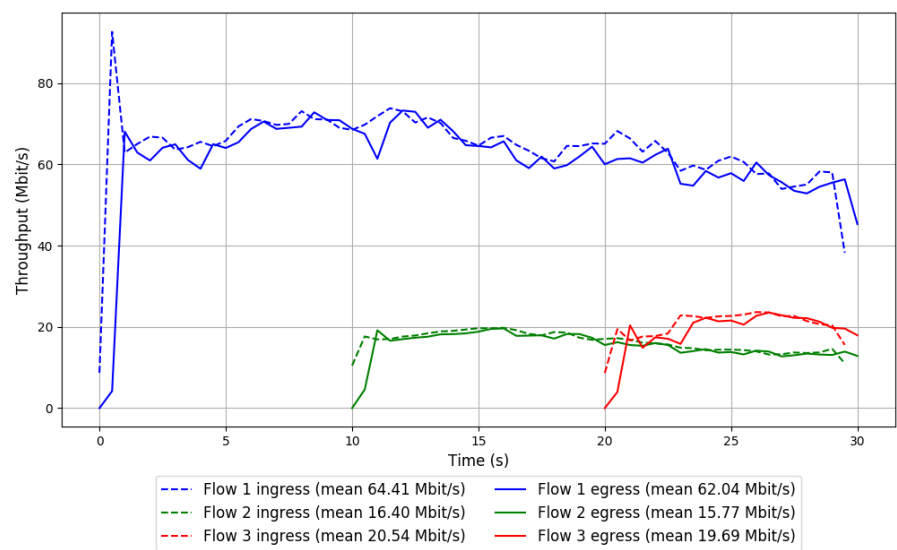


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-08-09 08:41:03
End at: 2018-08-09 08:41:33
Local clock offset: -0.878 ms
Remote clock offset: 46.569 ms

# Below is generated by plot.py at 2018-08-09 14:11:09
# Datalink statistics
-- Total of 3 flows:
Average throughput: 79.02 Mbit/s
95th percentile per-packet one-way delay: 71.842 ms
Loss rate: 3.74%
-- Flow 1:
Average throughput: 62.04 Mbit/s
95th percentile per-packet one-way delay: 72.094 ms
Loss rate: 3.69%
-- Flow 2:
Average throughput: 15.77 Mbit/s
95th percentile per-packet one-way delay: 68.335 ms
Loss rate: 3.86%
-- Flow 3:
Average throughput: 19.69 Mbit/s
95th percentile per-packet one-way delay: 71.234 ms
Loss rate: 4.10%
```

Run 1: Report of PCC-Allegro — Data Link

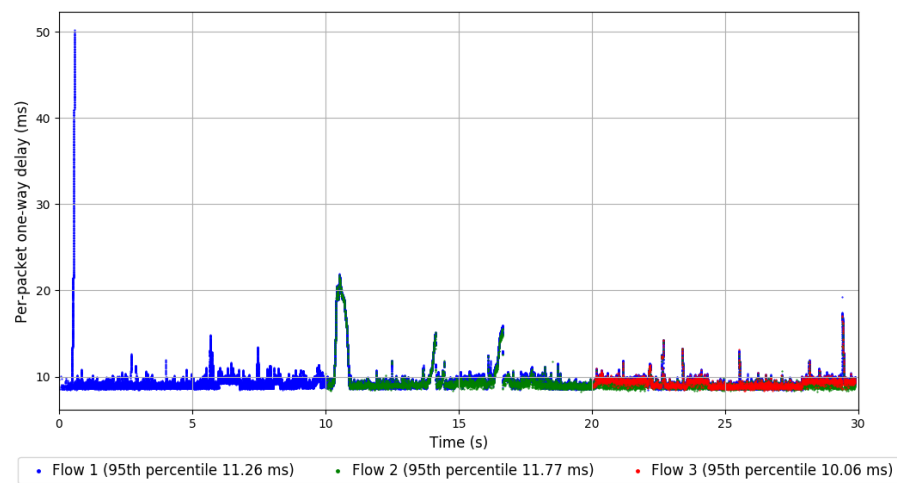
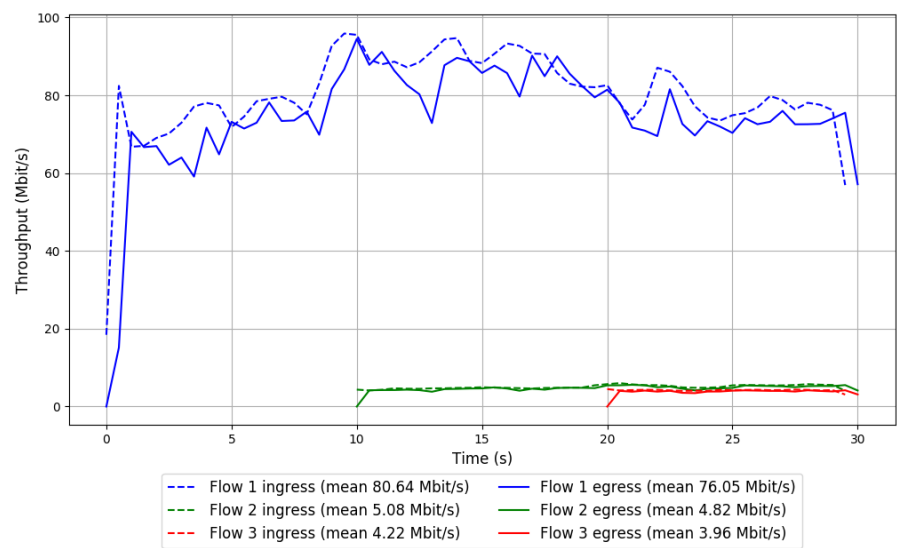


Run 2: Statistics of PCC-Allegro

Start at: 2018-08-09 11:02:03
End at: 2018-08-09 11:02:33
Local clock offset: 0.991 ms
Remote clock offset: -7.484 ms

Below is generated by plot.py at 2018-08-09 14:11:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.56 Mbit/s
95th percentile per-packet one-way delay: 11.248 ms
Loss rate: 5.68%
-- Flow 1:
Average throughput: 76.05 Mbit/s
95th percentile per-packet one-way delay: 11.261 ms
Loss rate: 5.69%
-- Flow 2:
Average throughput: 4.82 Mbit/s
95th percentile per-packet one-way delay: 11.771 ms
Loss rate: 5.02%
-- Flow 3:
Average throughput: 3.96 Mbit/s
95th percentile per-packet one-way delay: 10.059 ms
Loss rate: 6.29%

Run 2: Report of PCC-Allegro — Data Link

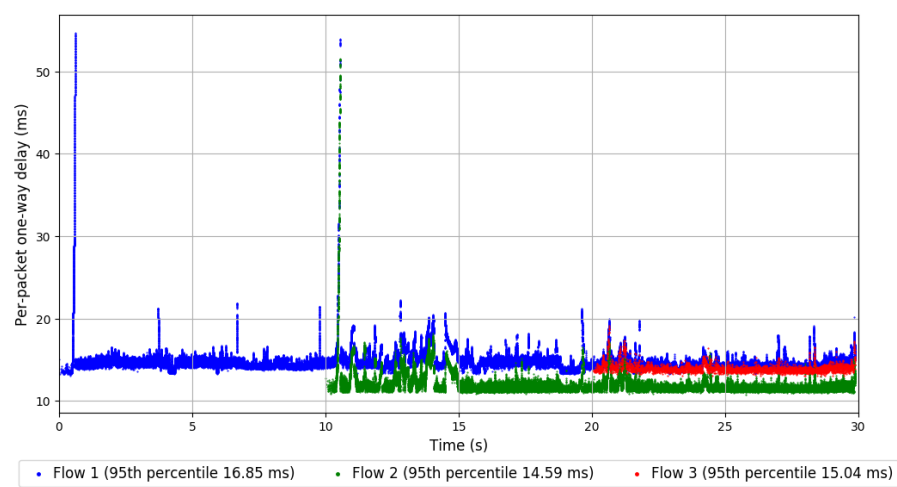
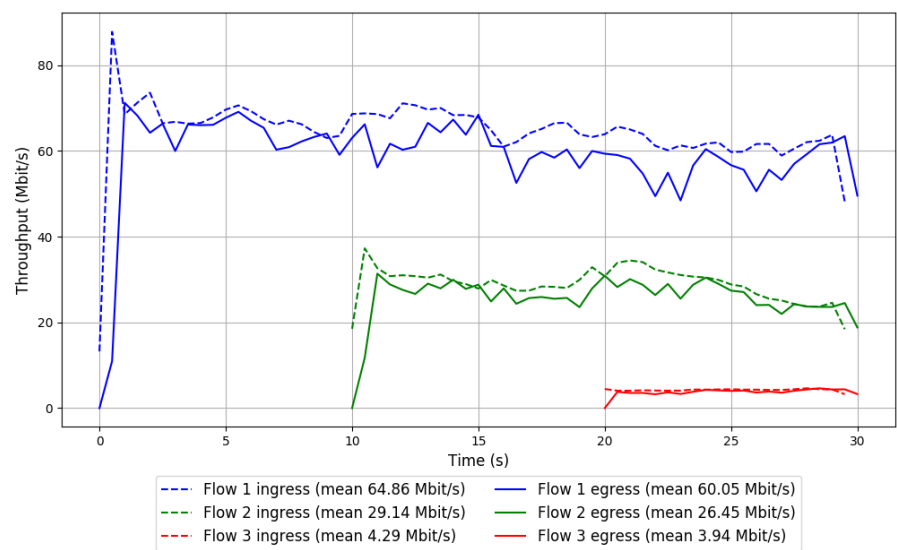


Run 3: Statistics of PCC-Allegro

Start at: 2018-08-09 11:21:32
End at: 2018-08-09 11:22:02
Local clock offset: -1.622 ms
Remote clock offset: -4.702 ms

Below is generated by plot.py at 2018-08-09 14:11:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.94 Mbit/s
95th percentile per-packet one-way delay: 16.534 ms
Loss rate: 7.85%
-- Flow 1:
Average throughput: 60.05 Mbit/s
95th percentile per-packet one-way delay: 16.851 ms
Loss rate: 7.43%
-- Flow 2:
Average throughput: 26.45 Mbit/s
95th percentile per-packet one-way delay: 14.592 ms
Loss rate: 9.22%
-- Flow 3:
Average throughput: 3.94 Mbit/s
95th percentile per-packet one-way delay: 15.038 ms
Loss rate: 8.25%

Run 3: Report of PCC-Allegro — Data Link

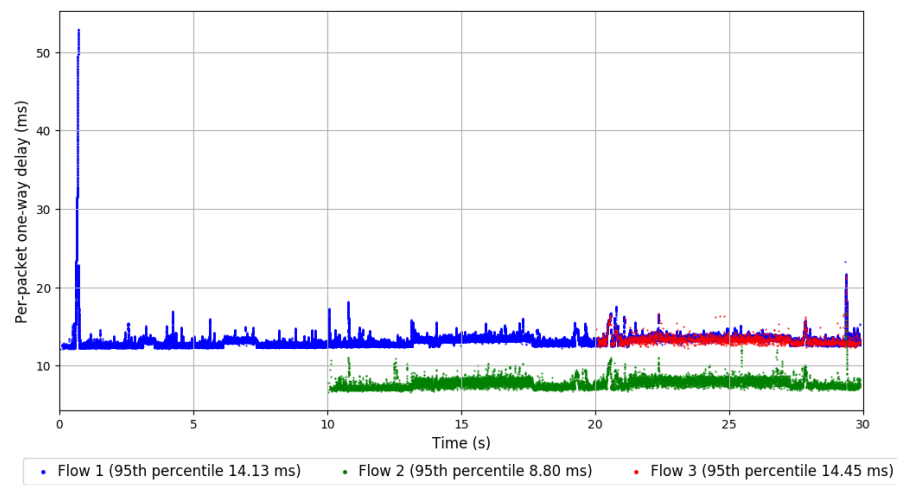
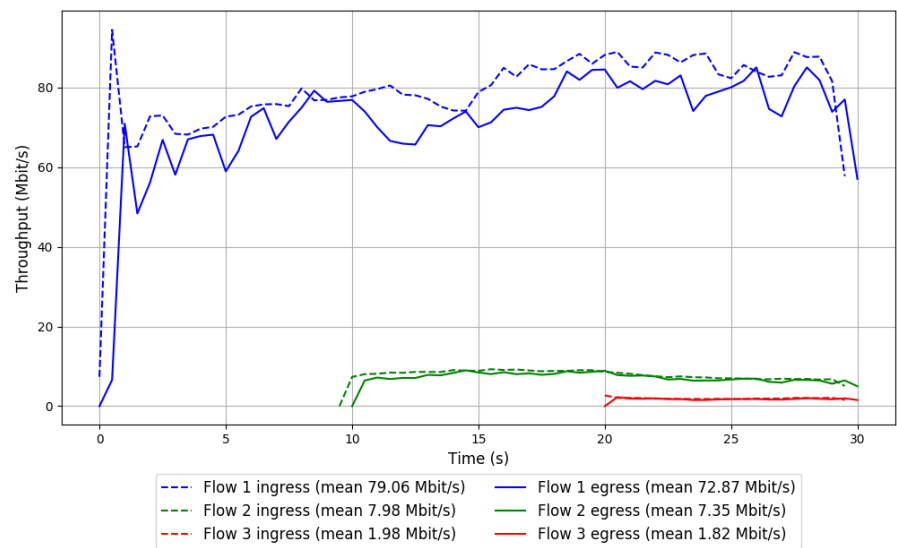


Run 4: Statistics of PCC-Allegro

Start at: 2018-08-09 11:41:17
End at: 2018-08-09 11:41:47
Local clock offset: 2.17 ms
Remote clock offset: -11.046 ms

Below is generated by plot.py at 2018-08-09 14:11:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.36 Mbit/s
95th percentile per-packet one-way delay: 14.080 ms
Loss rate: 7.85%
-- Flow 1:
Average throughput: 72.87 Mbit/s
95th percentile per-packet one-way delay: 14.135 ms
Loss rate: 7.84%
-- Flow 2:
Average throughput: 7.35 Mbit/s
95th percentile per-packet one-way delay: 8.799 ms
Loss rate: 7.89%
-- Flow 3:
Average throughput: 1.82 Mbit/s
95th percentile per-packet one-way delay: 14.446 ms
Loss rate: 8.16%

Run 4: Report of PCC-Allegro — Data Link

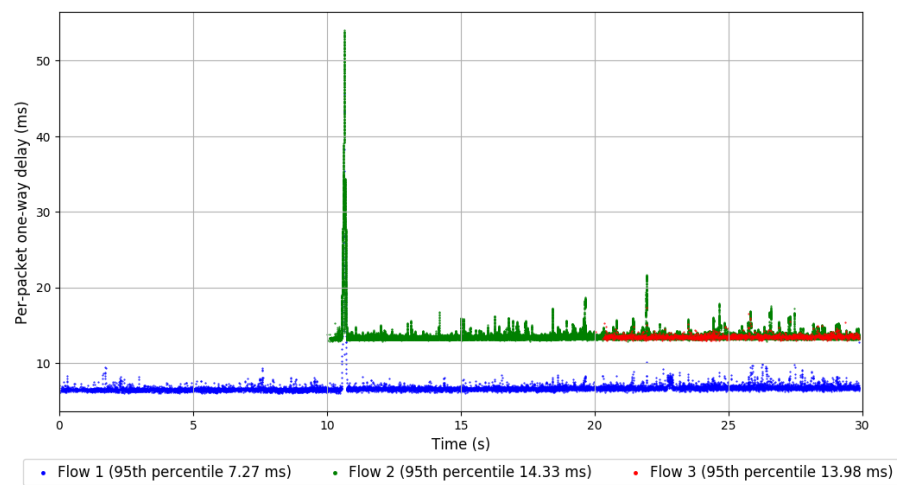
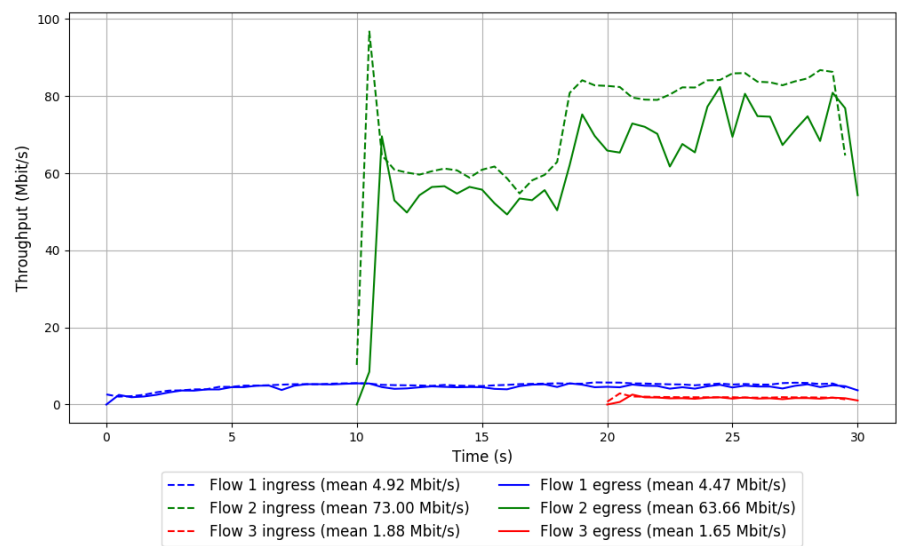


Run 5: Statistics of PCC-Allegro

Start at: 2018-08-09 12:00:42
End at: 2018-08-09 12:01:12
Local clock offset: 2.205 ms
Remote clock offset: -16.892 ms

Below is generated by plot.py at 2018-08-09 14:11:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.35 Mbit/s
95th percentile per-packet one-way delay: 14.205 ms
Loss rate: 12.48%
-- Flow 1:
Average throughput: 4.47 Mbit/s
95th percentile per-packet one-way delay: 7.269 ms
Loss rate: 9.08%
-- Flow 2:
Average throughput: 63.66 Mbit/s
95th percentile per-packet one-way delay: 14.328 ms
Loss rate: 12.82%
-- Flow 3:
Average throughput: 1.65 Mbit/s
95th percentile per-packet one-way delay: 13.977 ms
Loss rate: 12.19%

Run 5: Report of PCC-Allegro — Data Link

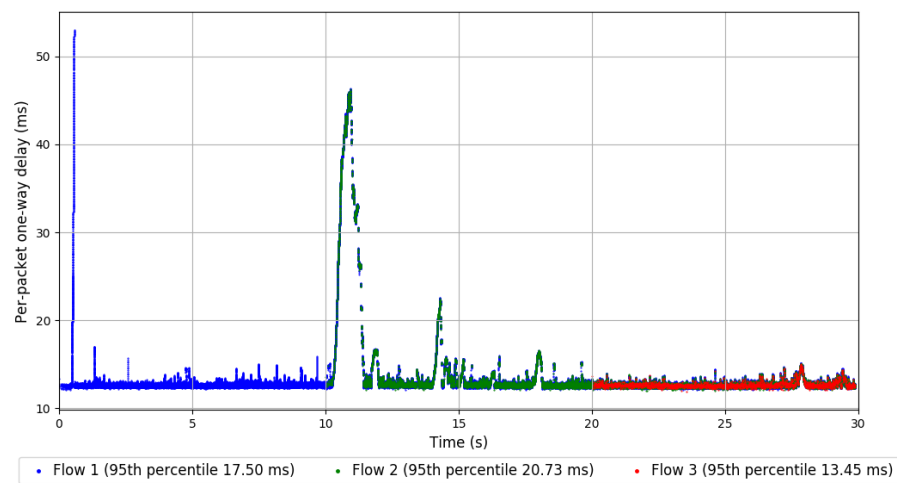
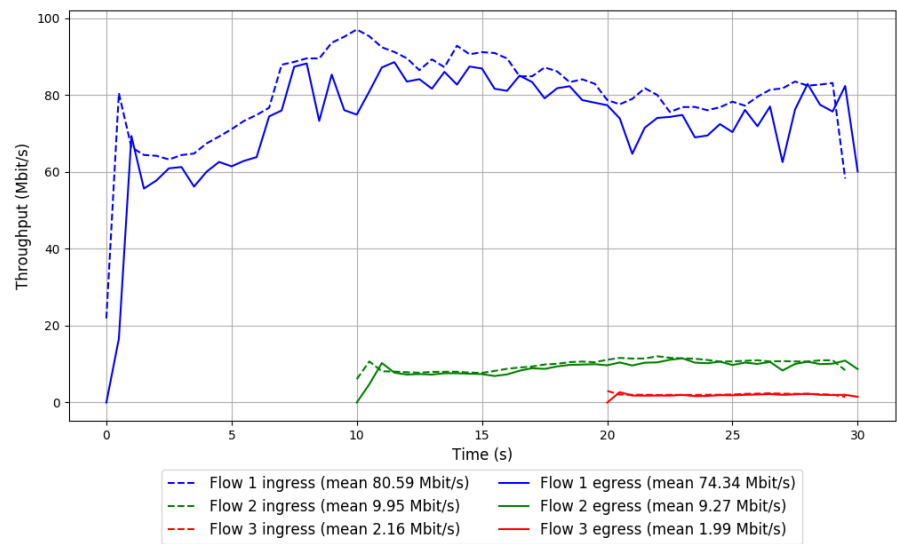


Run 6: Statistics of PCC-Allegro

Start at: 2018-08-09 12:21:08
End at: 2018-08-09 12:21:38
Local clock offset: -3.754 ms
Remote clock offset: -7.745 ms

Below is generated by plot.py at 2018-08-09 14:11:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.17 Mbit/s
95th percentile per-packet one-way delay: 17.526 ms
Loss rate: 7.68%
-- Flow 1:
Average throughput: 74.34 Mbit/s
95th percentile per-packet one-way delay: 17.503 ms
Loss rate: 7.75%
-- Flow 2:
Average throughput: 9.27 Mbit/s
95th percentile per-packet one-way delay: 20.731 ms
Loss rate: 6.81%
-- Flow 3:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 13.454 ms
Loss rate: 7.90%

Run 6: Report of PCC-Allegro — Data Link

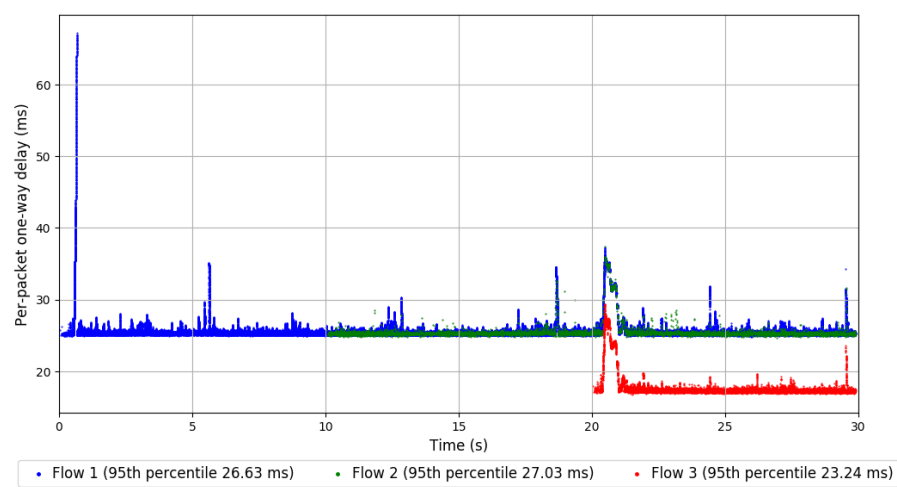
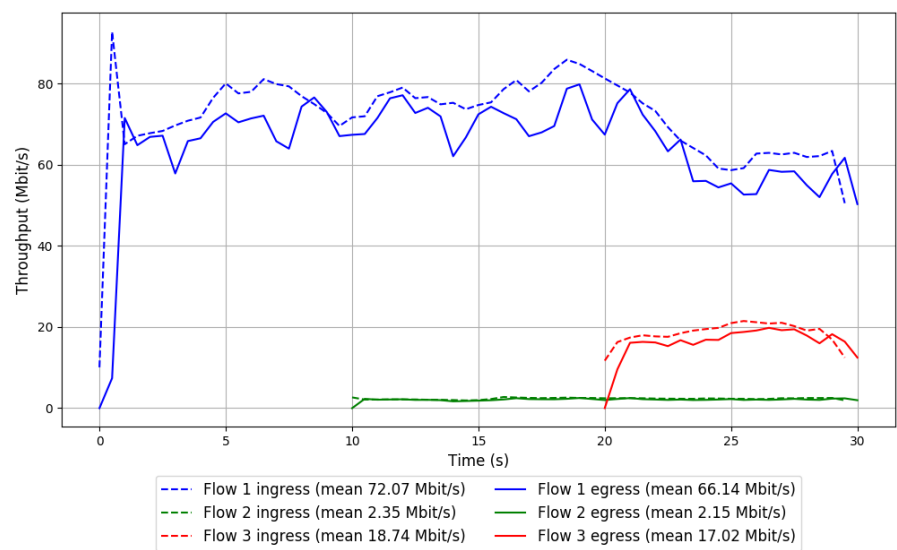


Run 7: Statistics of PCC-Allegro

Start at: 2018-08-09 12:40:31
End at: 2018-08-09 12:41:01
Local clock offset: -7.874 ms
Remote clock offset: -3.205 ms

Below is generated by plot.py at 2018-08-09 14:11:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.19 Mbit/s
95th percentile per-packet one-way delay: 26.529 ms
Loss rate: 8.34%
-- Flow 1:
Average throughput: 66.14 Mbit/s
95th percentile per-packet one-way delay: 26.633 ms
Loss rate: 8.26%
-- Flow 2:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 27.031 ms
Loss rate: 8.72%
-- Flow 3:
Average throughput: 17.02 Mbit/s
95th percentile per-packet one-way delay: 23.241 ms
Loss rate: 9.18%

Run 7: Report of PCC-Allegro — Data Link

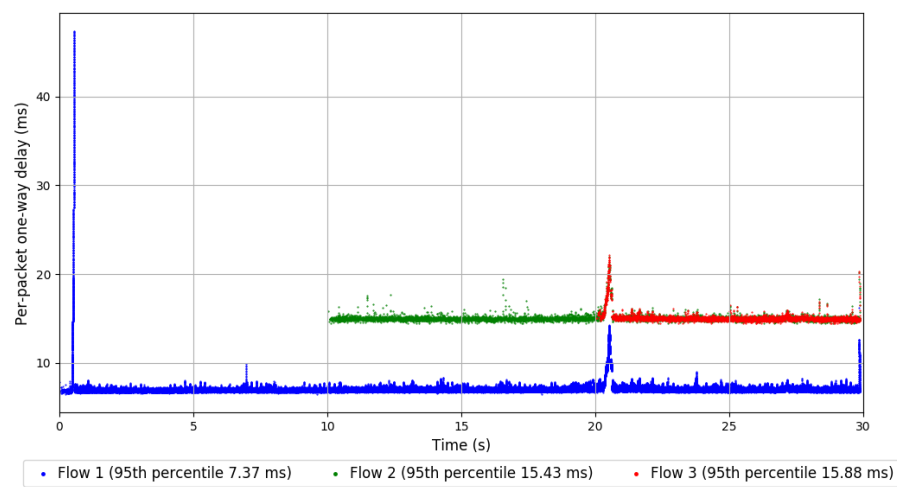
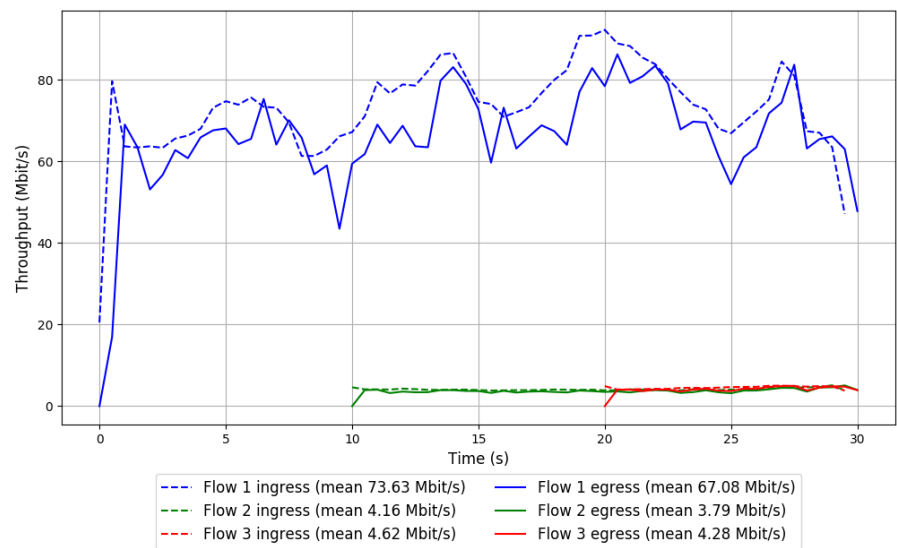


Run 8: Statistics of PCC-Allegro

Start at: 2018-08-09 12:59:52
End at: 2018-08-09 13:00:22
Local clock offset: 2.94 ms
Remote clock offset: -5.529 ms

Below is generated by plot.py at 2018-08-09 14:11:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.01 Mbit/s
95th percentile per-packet one-way delay: 14.853 ms
Loss rate: 8.86%
-- Flow 1:
Average throughput: 67.08 Mbit/s
95th percentile per-packet one-way delay: 7.372 ms
Loss rate: 8.89%
-- Flow 2:
Average throughput: 3.79 Mbit/s
95th percentile per-packet one-way delay: 15.425 ms
Loss rate: 8.99%
-- Flow 3:
Average throughput: 4.28 Mbit/s
95th percentile per-packet one-way delay: 15.881 ms
Loss rate: 7.42%

Run 8: Report of PCC-Allegro — Data Link

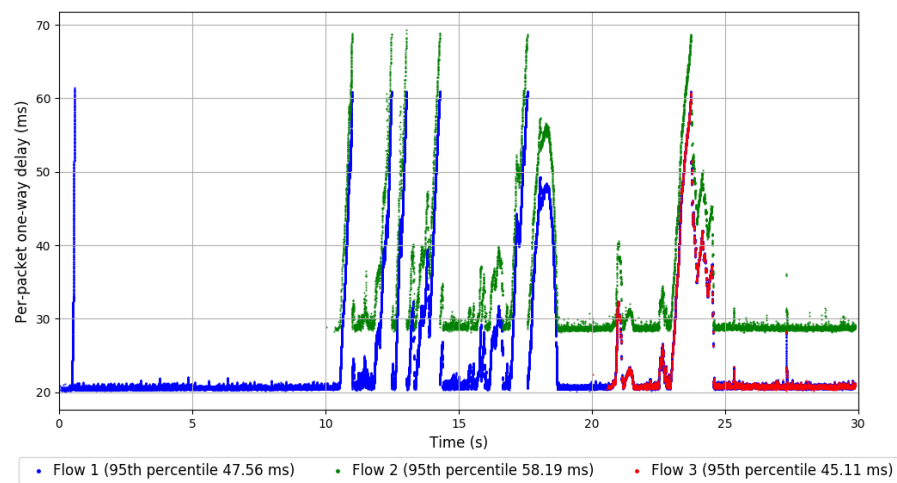
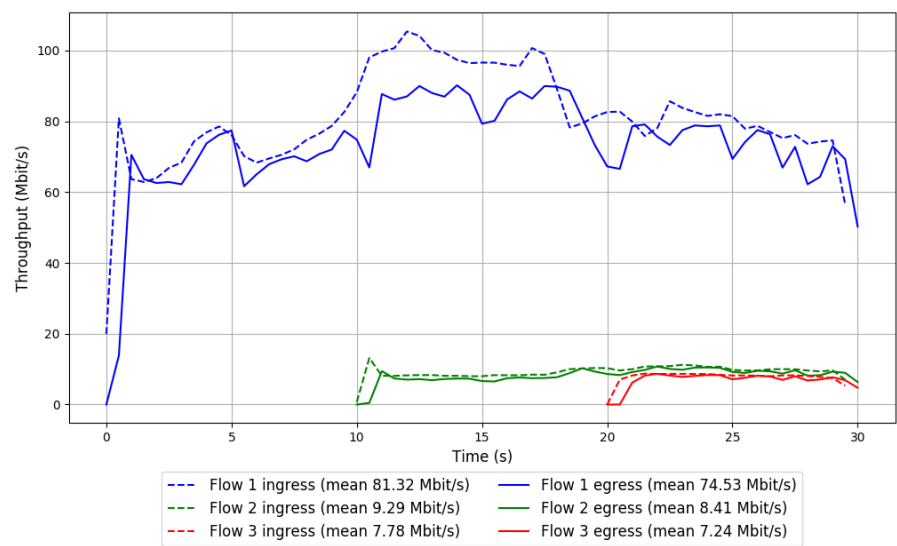


Run 9: Statistics of PCC-Allegro

Start at: 2018-08-09 13:19:36
End at: 2018-08-09 13:20:06
Local clock offset: -10.622 ms
Remote clock offset: -5.842 ms

Below is generated by plot.py at 2018-08-09 14:11:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.51 Mbit/s
95th percentile per-packet one-way delay: 48.047 ms
Loss rate: 8.39%
-- Flow 1:
Average throughput: 74.53 Mbit/s
95th percentile per-packet one-way delay: 47.564 ms
Loss rate: 8.35%
-- Flow 2:
Average throughput: 8.41 Mbit/s
95th percentile per-packet one-way delay: 58.190 ms
Loss rate: 9.52%
-- Flow 3:
Average throughput: 7.24 Mbit/s
95th percentile per-packet one-way delay: 45.107 ms
Loss rate: 6.96%

Run 9: Report of PCC-Allegro — Data Link

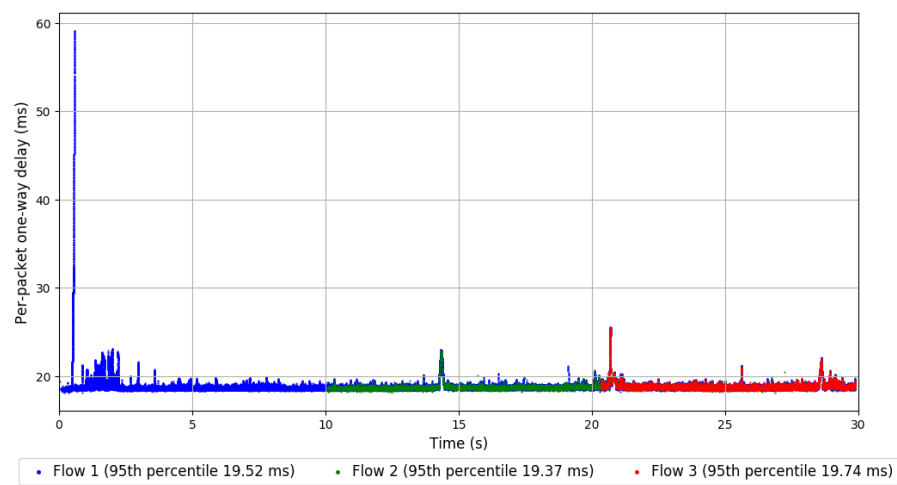
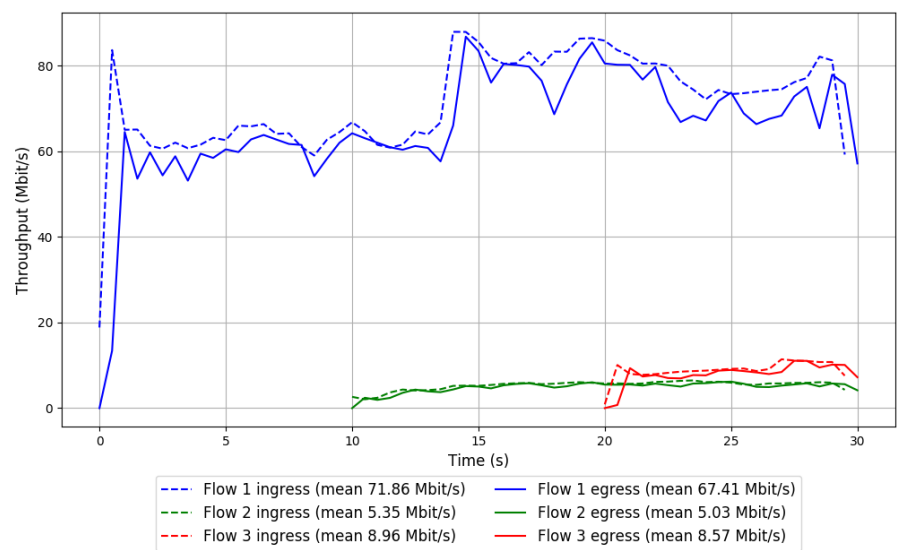


Run 10: Statistics of PCC-Allegro

Start at: 2018-08-09 13:39:04
End at: 2018-08-09 13:39:34
Local clock offset: -9.975 ms
Remote clock offset: -8.472 ms

Below is generated by plot.py at 2018-08-09 14:12:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.52 Mbit/s
95th percentile per-packet one-way delay: 19.522 ms
Loss rate: 6.21%
-- Flow 1:
Average throughput: 67.41 Mbit/s
95th percentile per-packet one-way delay: 19.519 ms
Loss rate: 6.20%
-- Flow 2:
Average throughput: 5.03 Mbit/s
95th percentile per-packet one-way delay: 19.372 ms
Loss rate: 5.97%
-- Flow 3:
Average throughput: 8.57 Mbit/s
95th percentile per-packet one-way delay: 19.738 ms
Loss rate: 6.80%

Run 10: Report of PCC-Allegro — Data Link

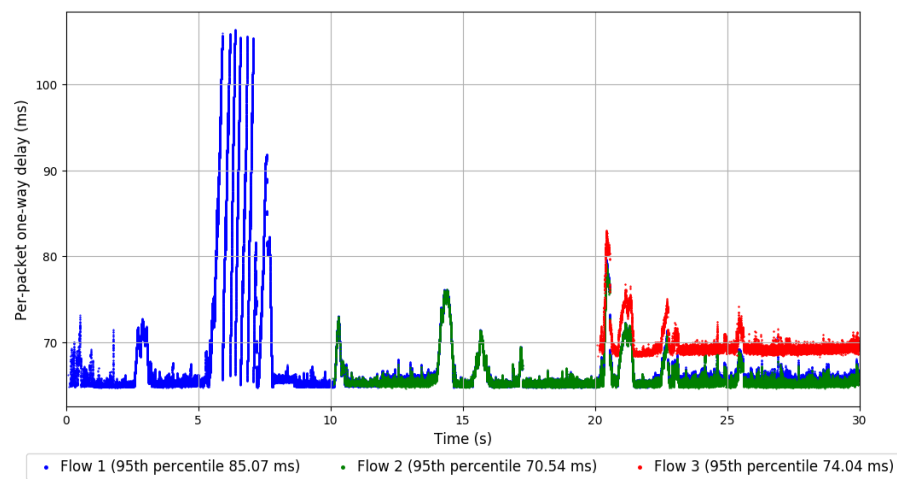
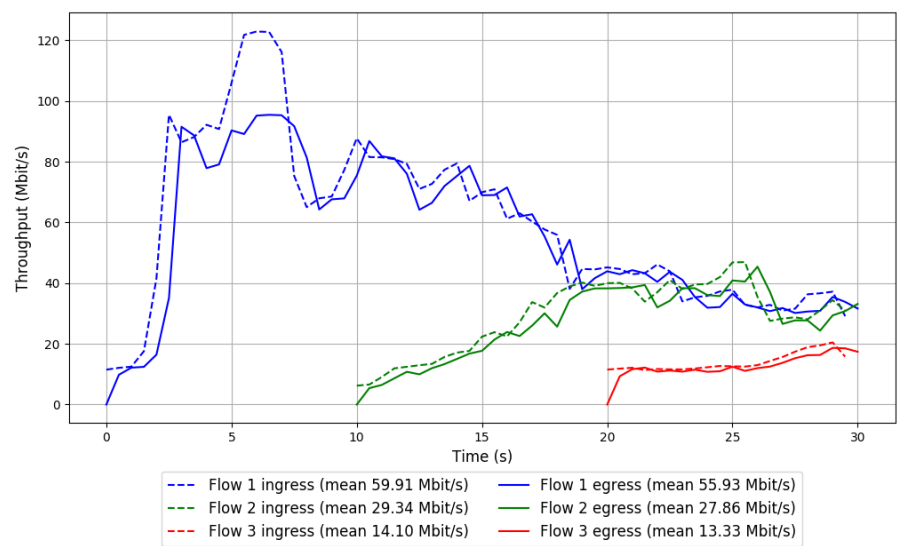


```
Run 1: Statistics of PCC-Expr

Start at: 2018-08-09 08:44:46
End at: 2018-08-09 08:45:16
Local clock offset: -2.239 ms
Remote clock offset: 46.653 ms

# Below is generated by plot.py at 2018-08-09 14:12:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 78.87 Mbit/s
95th percentile per-packet one-way delay: 80.729 ms
Loss rate: 6.21%
-- Flow 1:
Average throughput: 55.93 Mbit/s
95th percentile per-packet one-way delay: 85.069 ms
Loss rate: 6.65%
-- Flow 2:
Average throughput: 27.86 Mbit/s
95th percentile per-packet one-way delay: 70.543 ms
Loss rate: 5.05%
-- Flow 3:
Average throughput: 13.33 Mbit/s
95th percentile per-packet one-way delay: 74.043 ms
Loss rate: 5.47%
```

Run 1: Report of PCC-Expr — Data Link



Run 2: Statistics of PCC-Expr

Start at: 2018-08-09 11:05:26

End at: 2018-08-09 11:05:56

Local clock offset: 3.345 ms

Remote clock offset: -5.17 ms

Below is generated by plot.py at 2018-08-09 14:12:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 70.31 Mbit/s

95th percentile per-packet one-way delay: 16.104 ms

Loss rate: 4.61%

-- Flow 1:

Average throughput: 51.95 Mbit/s

95th percentile per-packet one-way delay: 14.514 ms

Loss rate: 5.08%

-- Flow 2:

Average throughput: 19.20 Mbit/s

95th percentile per-packet one-way delay: 18.019 ms

Loss rate: 3.59%

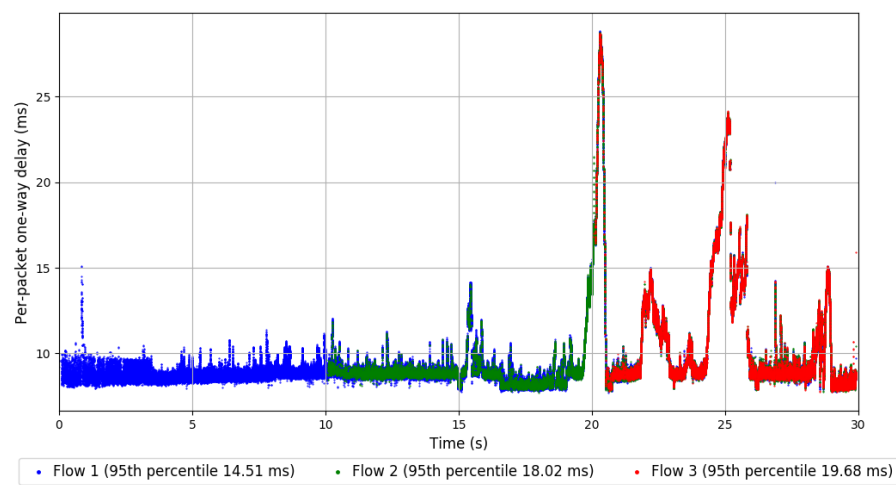
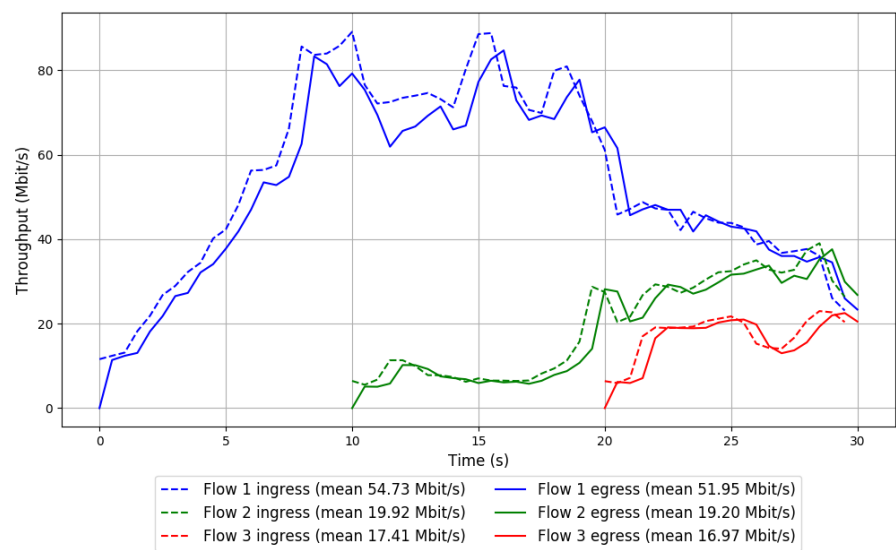
-- Flow 3:

Average throughput: 16.97 Mbit/s

95th percentile per-packet one-way delay: 19.679 ms

Loss rate: 2.54%

Run 2: Report of PCC-Expr — Data Link

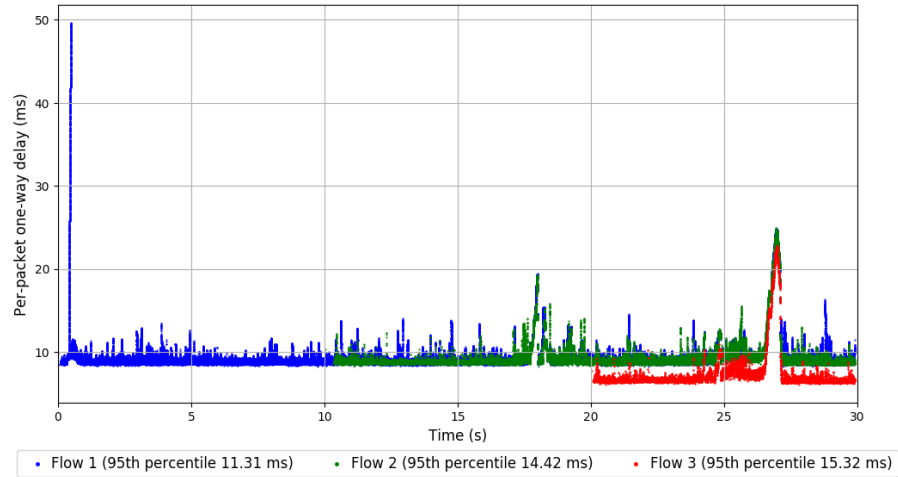
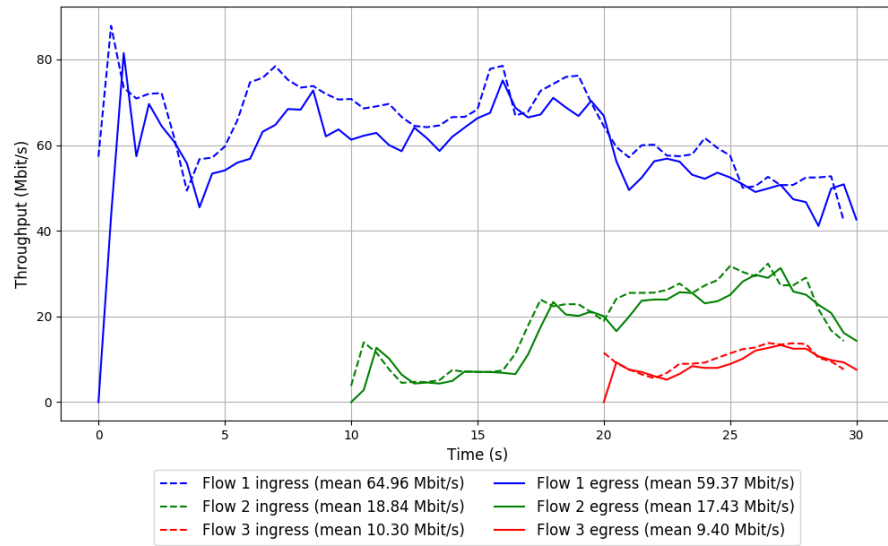


Run 3: Statistics of PCC-Expr

Start at: 2018-08-09 11:24:56
End at: 2018-08-09 11:25:26
Local clock offset: 3.058 ms
Remote clock offset: -4.389 ms

Below is generated by plot.py at 2018-08-09 14:12:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.06 Mbit/s
95th percentile per-packet one-way delay: 11.932 ms
Loss rate: 8.45%
-- Flow 1:
Average throughput: 59.37 Mbit/s
95th percentile per-packet one-way delay: 11.308 ms
Loss rate: 8.61%
-- Flow 2:
Average throughput: 17.43 Mbit/s
95th percentile per-packet one-way delay: 14.423 ms
Loss rate: 7.53%
-- Flow 3:
Average throughput: 9.40 Mbit/s
95th percentile per-packet one-way delay: 15.320 ms
Loss rate: 8.71%

Run 3: Report of PCC-Expr — Data Link

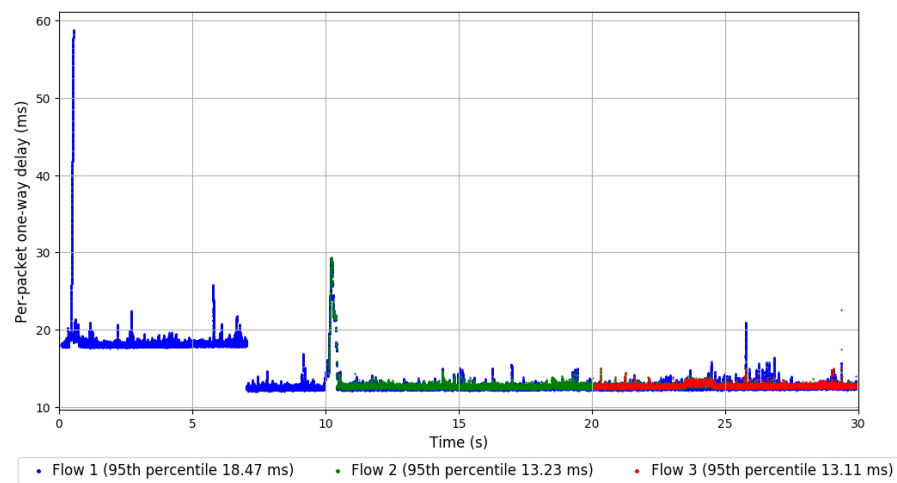
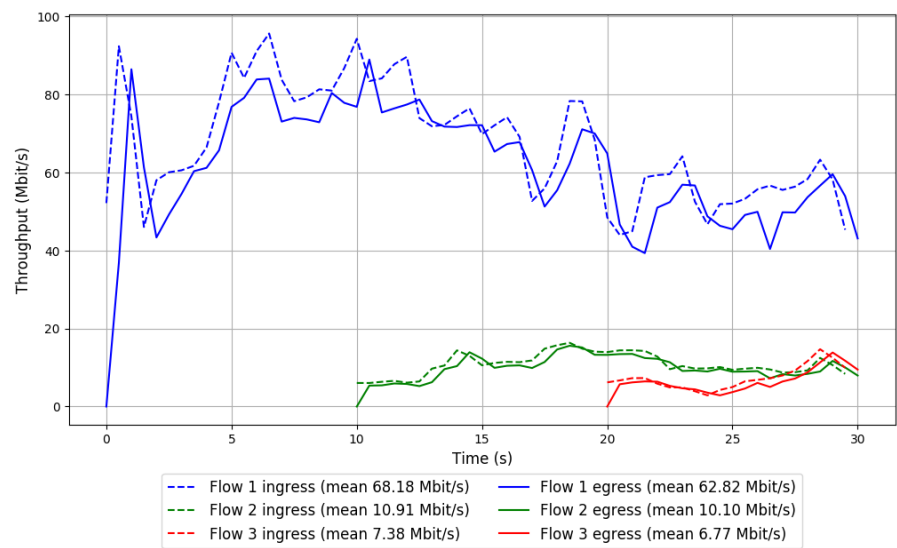


Run 4: Statistics of PCC-Expr

Start at: 2018-08-09 11:44:43
End at: 2018-08-09 11:45:13
Local clock offset: -2.976 ms
Remote clock offset: -12.429 ms

Below is generated by plot.py at 2018-08-09 14:13:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.78 Mbit/s
95th percentile per-packet one-way delay: 18.384 ms
Loss rate: 7.84%
-- Flow 1:
Average throughput: 62.82 Mbit/s
95th percentile per-packet one-way delay: 18.470 ms
Loss rate: 7.88%
-- Flow 2:
Average throughput: 10.10 Mbit/s
95th percentile per-packet one-way delay: 13.232 ms
Loss rate: 7.37%
-- Flow 3:
Average throughput: 6.77 Mbit/s
95th percentile per-packet one-way delay: 13.108 ms
Loss rate: 8.26%

Run 4: Report of PCC-Expr — Data Link

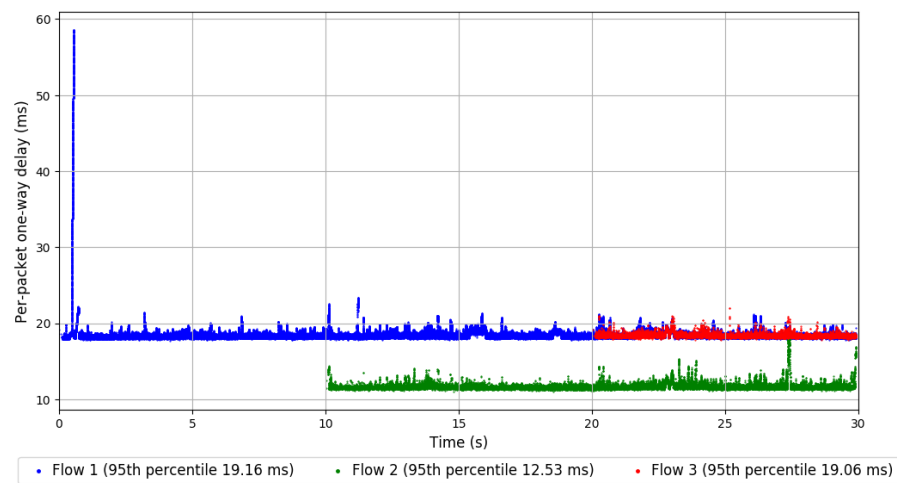
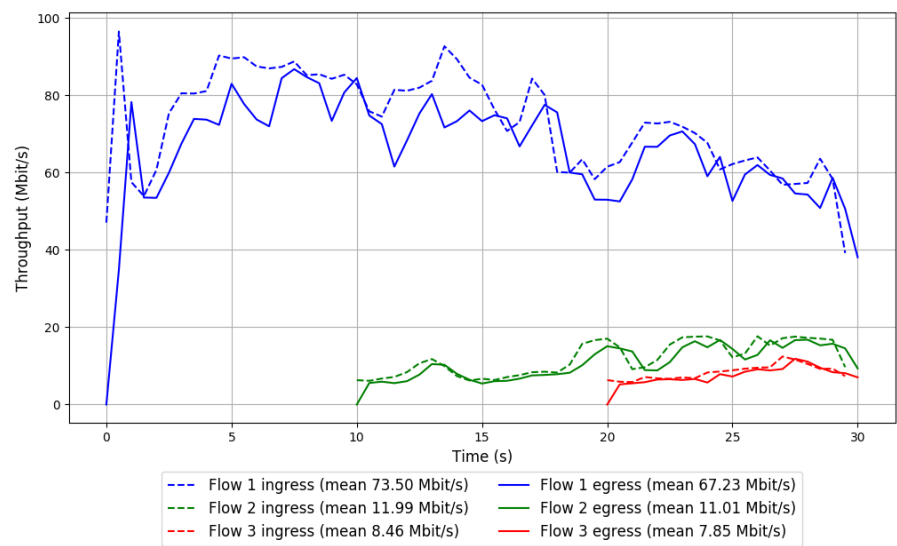


Run 5: Statistics of PCC-Expr

Start at: 2018-08-09 12:04:04
End at: 2018-08-09 12:04:34
Local clock offset: -1.152 ms
Remote clock offset: -15.875 ms

Below is generated by plot.py at 2018-08-09 14:13:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.15 Mbit/s
95th percentile per-packet one-way delay: 19.109 ms
Loss rate: 8.45%
-- Flow 1:
Average throughput: 67.23 Mbit/s
95th percentile per-packet one-way delay: 19.159 ms
Loss rate: 8.54%
-- Flow 2:
Average throughput: 11.01 Mbit/s
95th percentile per-packet one-way delay: 12.525 ms
Loss rate: 8.15%
-- Flow 3:
Average throughput: 7.85 Mbit/s
95th percentile per-packet one-way delay: 19.057 ms
Loss rate: 7.20%

Run 5: Report of PCC-Expr — Data Link



Run 6: Statistics of PCC-Expr

Start at: 2018-08-09 12:24:32

End at: 2018-08-09 12:25:02

Local clock offset: -8.412 ms

Remote clock offset: -6.55 ms

Below is generated by plot.py at 2018-08-09 14:13:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 79.70 Mbit/s

95th percentile per-packet one-way delay: 31.180 ms

Loss rate: 8.73%

-- Flow 1:

Average throughput: 53.01 Mbit/s

95th percentile per-packet one-way delay: 28.681 ms

Loss rate: 9.98%

-- Flow 2:

Average throughput: 32.32 Mbit/s

95th percentile per-packet one-way delay: 29.240 ms

Loss rate: 6.30%

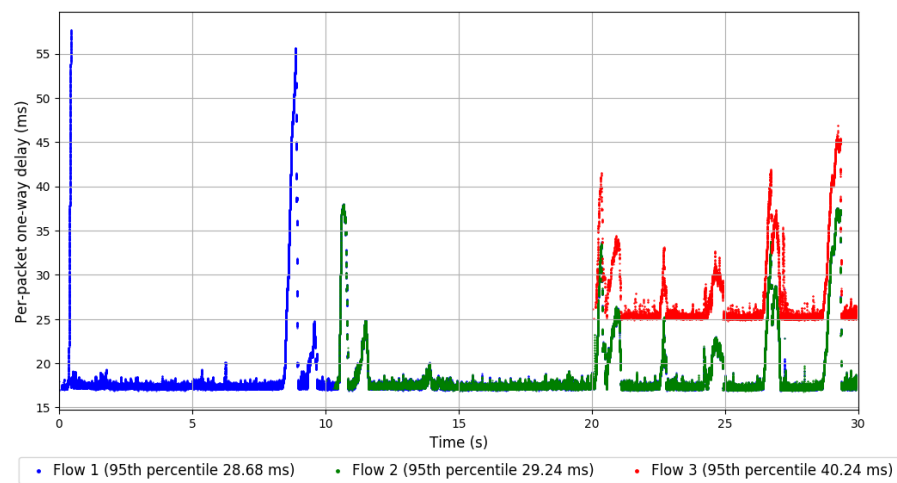
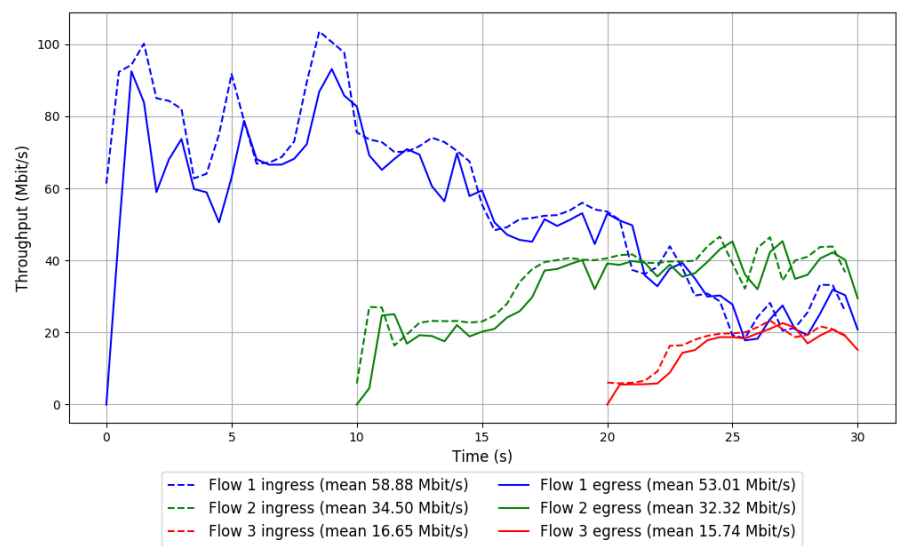
-- Flow 3:

Average throughput: 15.74 Mbit/s

95th percentile per-packet one-way delay: 40.236 ms

Loss rate: 5.53%

Run 6: Report of PCC-Expr — Data Link

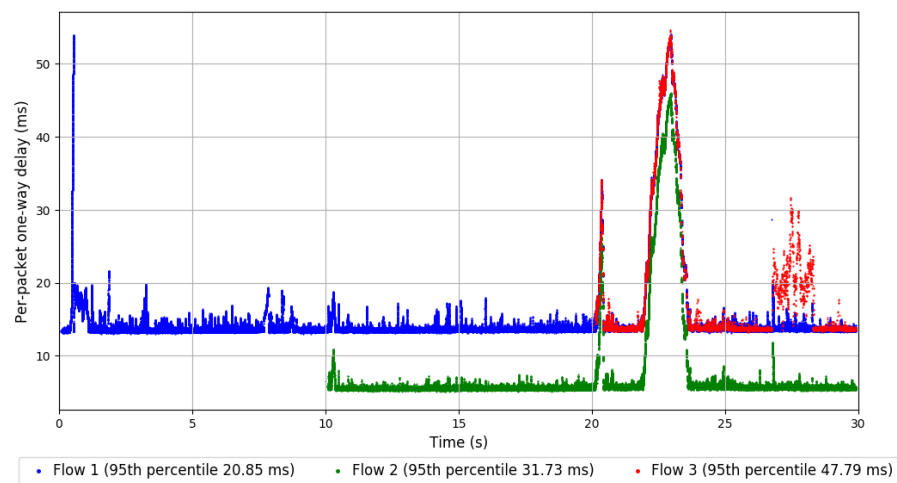
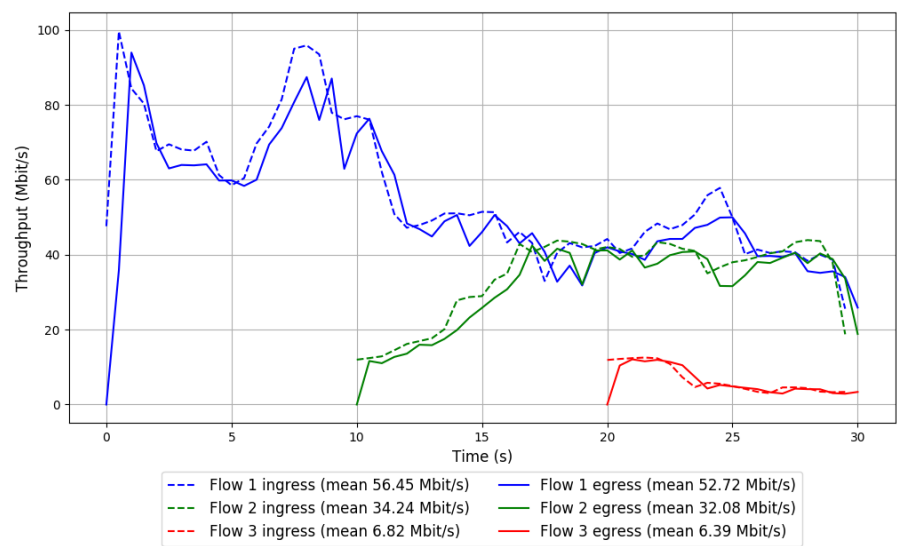


Run 7: Statistics of PCC-Expr

Start at: 2018-08-09 12:43:55
End at: 2018-08-09 12:44:25
Local clock offset: 3.656 ms
Remote clock offset: -3.904 ms

Below is generated by plot.py at 2018-08-09 14:13:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.17 Mbit/s
95th percentile per-packet one-way delay: 27.866 ms
Loss rate: 6.54%
-- Flow 1:
Average throughput: 52.72 Mbit/s
95th percentile per-packet one-way delay: 20.847 ms
Loss rate: 6.63%
-- Flow 2:
Average throughput: 32.08 Mbit/s
95th percentile per-packet one-way delay: 31.730 ms
Loss rate: 6.34%
-- Flow 3:
Average throughput: 6.39 Mbit/s
95th percentile per-packet one-way delay: 47.786 ms
Loss rate: 6.38%

Run 7: Report of PCC-Expr — Data Link

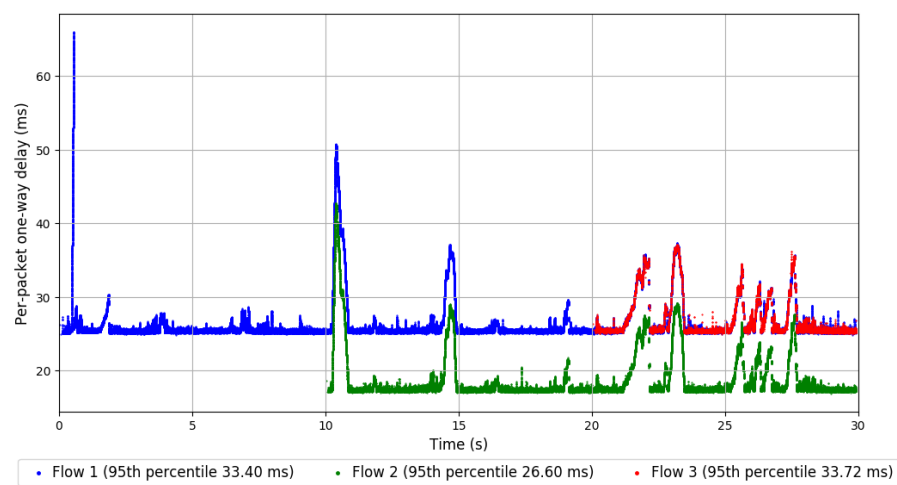
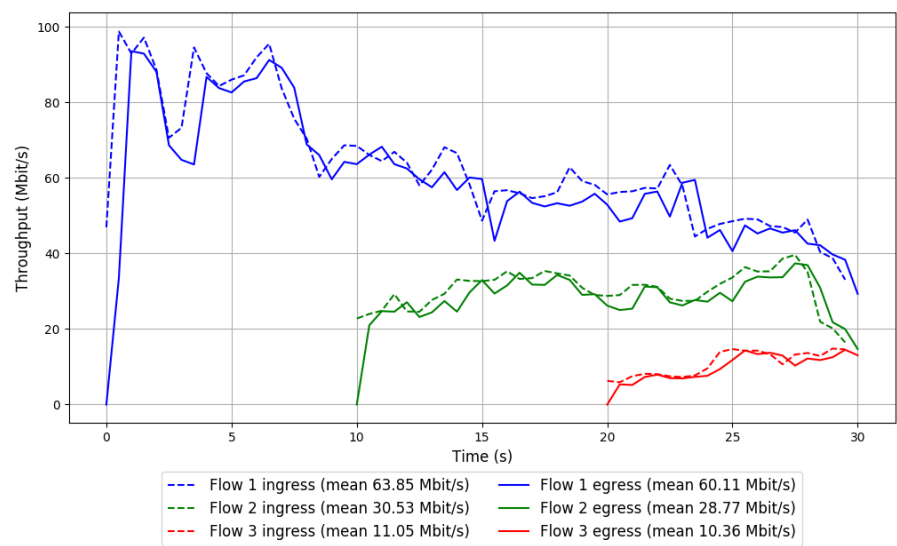


Run 8: Statistics of PCC-Expr

Start at: 2018-08-09 13:03:16
End at: 2018-08-09 13:03:46
Local clock offset: -7.536 ms
Remote clock offset: -5.606 ms

Below is generated by plot.py at 2018-08-09 14:13:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.66 Mbit/s
95th percentile per-packet one-way delay: 32.567 ms
Loss rate: 5.88%
-- Flow 1:
Average throughput: 60.11 Mbit/s
95th percentile per-packet one-way delay: 33.403 ms
Loss rate: 5.88%
-- Flow 2:
Average throughput: 28.77 Mbit/s
95th percentile per-packet one-way delay: 26.598 ms
Loss rate: 5.79%
-- Flow 3:
Average throughput: 10.36 Mbit/s
95th percentile per-packet one-way delay: 33.724 ms
Loss rate: 6.27%

Run 8: Report of PCC-Expr — Data Link

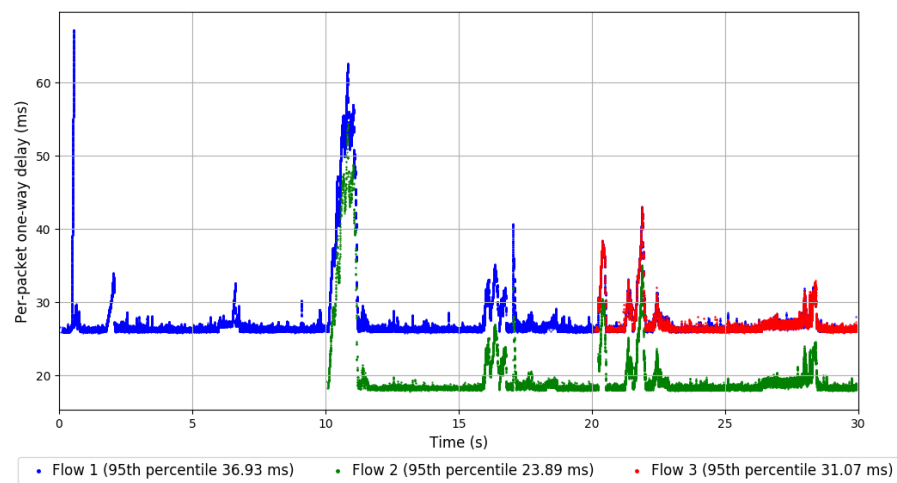
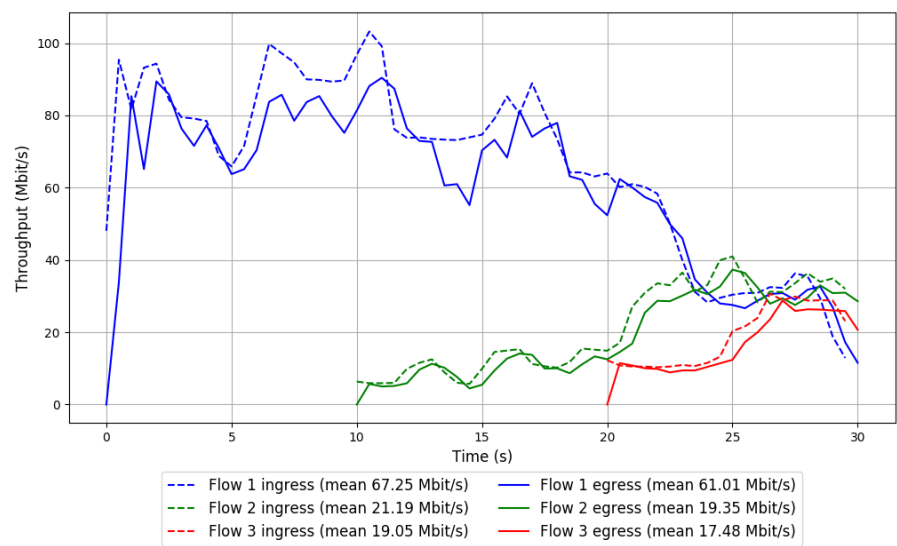


Run 9: Statistics of PCC-Expr

Start at: 2018-08-09 13:22:59
End at: 2018-08-09 13:23:29
Local clock offset: -9.652 ms
Remote clock offset: -7.719 ms

Below is generated by plot.py at 2018-08-09 14:14:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.65 Mbit/s
95th percentile per-packet one-way delay: 34.912 ms
Loss rate: 9.13%
-- Flow 1:
Average throughput: 61.01 Mbit/s
95th percentile per-packet one-way delay: 36.926 ms
Loss rate: 9.29%
-- Flow 2:
Average throughput: 19.35 Mbit/s
95th percentile per-packet one-way delay: 23.885 ms
Loss rate: 8.69%
-- Flow 3:
Average throughput: 17.48 Mbit/s
95th percentile per-packet one-way delay: 31.071 ms
Loss rate: 8.31%

Run 9: Report of PCC-Expr — Data Link

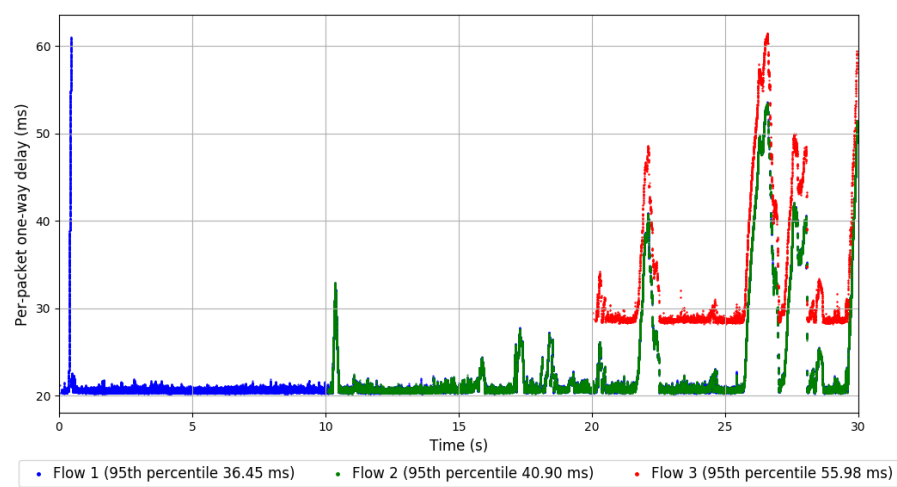
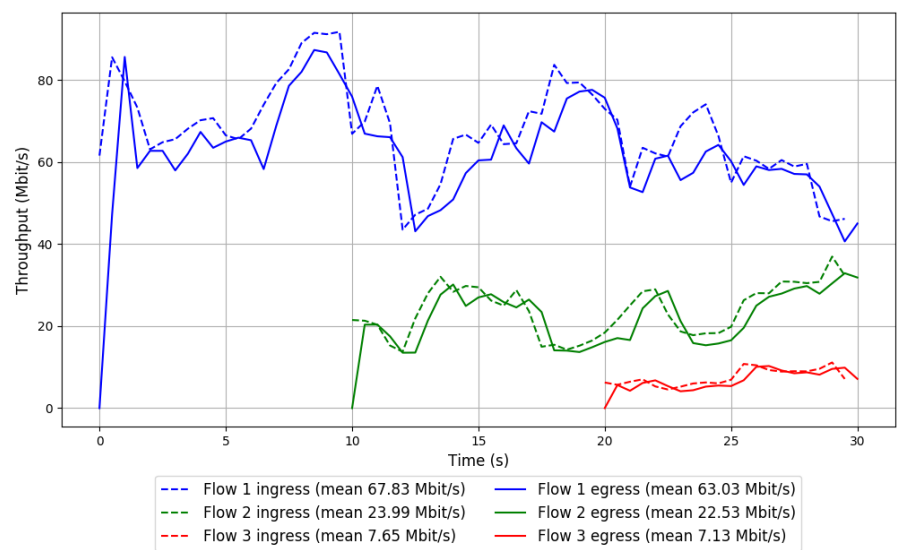


Run 10: Statistics of PCC-Expr

Start at: 2018-08-09 13:42:30
End at: 2018-08-09 13:43:00
Local clock offset: -12.455 ms
Remote clock offset: -9.09 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.38 Mbit/s
95th percentile per-packet one-way delay: 39.406 ms
Loss rate: 6.78%
-- Flow 1:
Average throughput: 63.03 Mbit/s
95th percentile per-packet one-way delay: 36.452 ms
Loss rate: 6.98%
-- Flow 2:
Average throughput: 22.53 Mbit/s
95th percentile per-packet one-way delay: 40.899 ms
Loss rate: 5.97%
-- Flow 3:
Average throughput: 7.13 Mbit/s
95th percentile per-packet one-way delay: 55.979 ms
Loss rate: 6.55%

Run 10: Report of PCC-Expr — Data Link

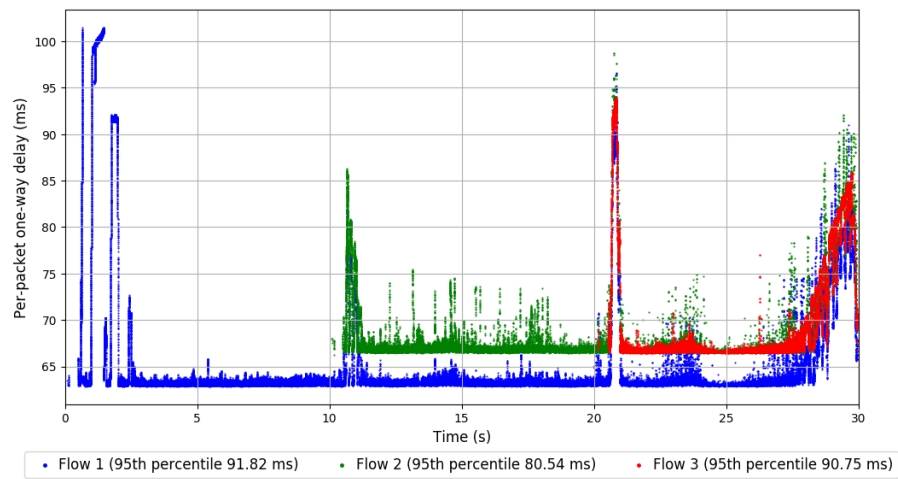
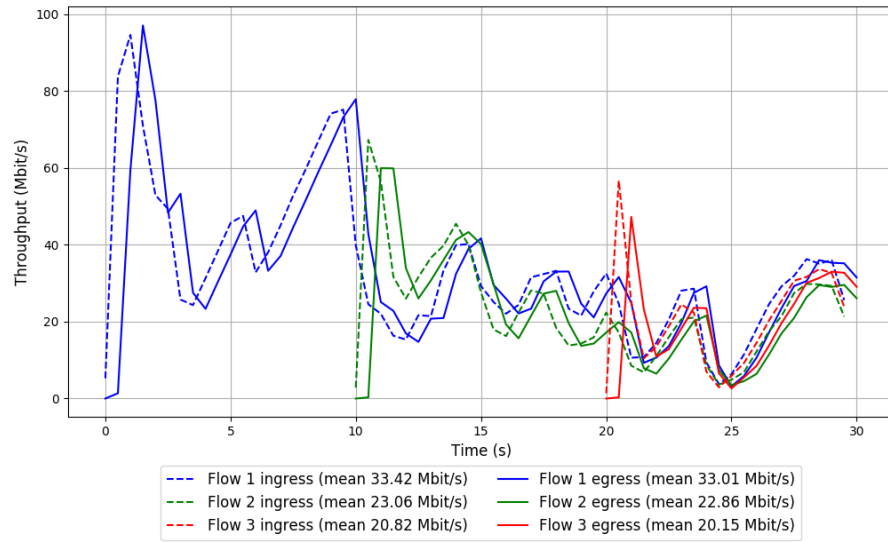


Run 1: Statistics of QUIC Cubic

Start at: 2018-08-09 08:47:09
End at: 2018-08-09 08:47:39
Local clock offset: 0.038 ms
Remote clock offset: 47.259 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.85 Mbit/s
95th percentile per-packet one-way delay: 90.071 ms
Loss rate: 1.38%
-- Flow 1:
Average throughput: 33.01 Mbit/s
95th percentile per-packet one-way delay: 91.822 ms
Loss rate: 1.24%
-- Flow 2:
Average throughput: 22.86 Mbit/s
95th percentile per-packet one-way delay: 80.544 ms
Loss rate: 0.83%
-- Flow 3:
Average throughput: 20.15 Mbit/s
95th percentile per-packet one-way delay: 90.750 ms
Loss rate: 3.24%

Run 1: Report of QUIC Cubic — Data Link

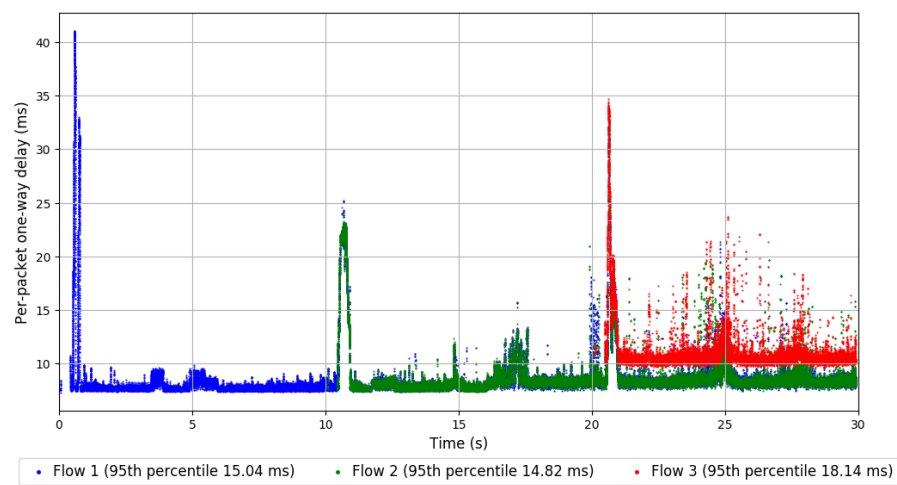
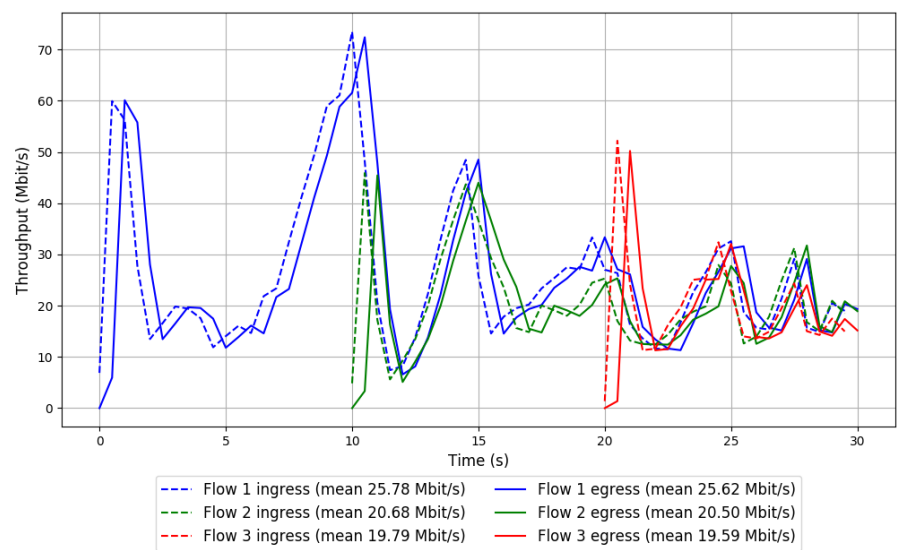


Run 2: Statistics of QUIC Cubic

Start at: 2018-08-09 11:07:42
End at: 2018-08-09 11:08:12
Local clock offset: 3.536 ms
Remote clock offset: -4.985 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 45.71 Mbit/s
95th percentile per-packet one-way delay: 16.103 ms
Loss rate: 0.75%
-- Flow 1:
Average throughput: 25.62 Mbit/s
95th percentile per-packet one-way delay: 15.039 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 20.50 Mbit/s
95th percentile per-packet one-way delay: 14.822 ms
Loss rate: 0.84%
-- Flow 3:
Average throughput: 19.59 Mbit/s
95th percentile per-packet one-way delay: 18.143 ms
Loss rate: 1.10%

Run 2: Report of QUIC Cubic — Data Link



Run 3: Statistics of QUIC Cubic

Start at: 2018-08-09 11:27:11

End at: 2018-08-09 11:27:41

Local clock offset: -4.341 ms

Remote clock offset: -4.97 ms

Below is generated by plot.py at 2018-08-09 14:15:00

Datalink statistics

-- Total of 3 flows:

Average throughput: 29.77 Mbit/s

95th percentile per-packet one-way delay: 35.280 ms

Loss rate: 3.36%

-- Flow 1:

Average throughput: 19.22 Mbit/s

95th percentile per-packet one-way delay: 27.244 ms

Loss rate: 2.90%

-- Flow 2:

Average throughput: 10.62 Mbit/s

95th percentile per-packet one-way delay: 40.897 ms

Loss rate: 4.71%

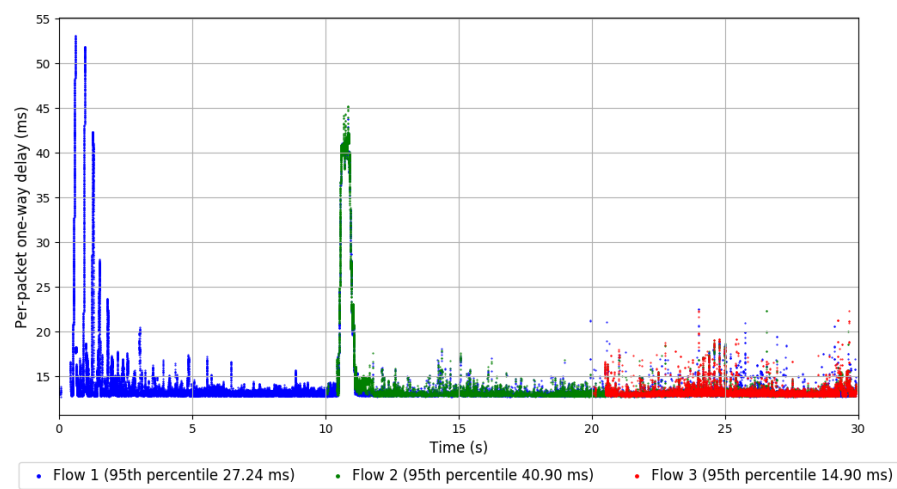
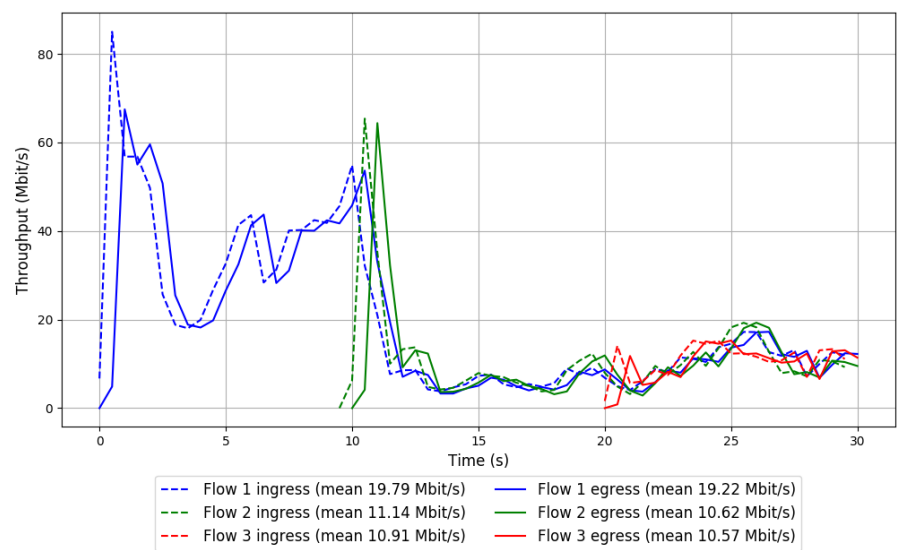
-- Flow 3:

Average throughput: 10.57 Mbit/s

95th percentile per-packet one-way delay: 14.899 ms

Loss rate: 3.12%

Run 3: Report of QUIC Cubic — Data Link

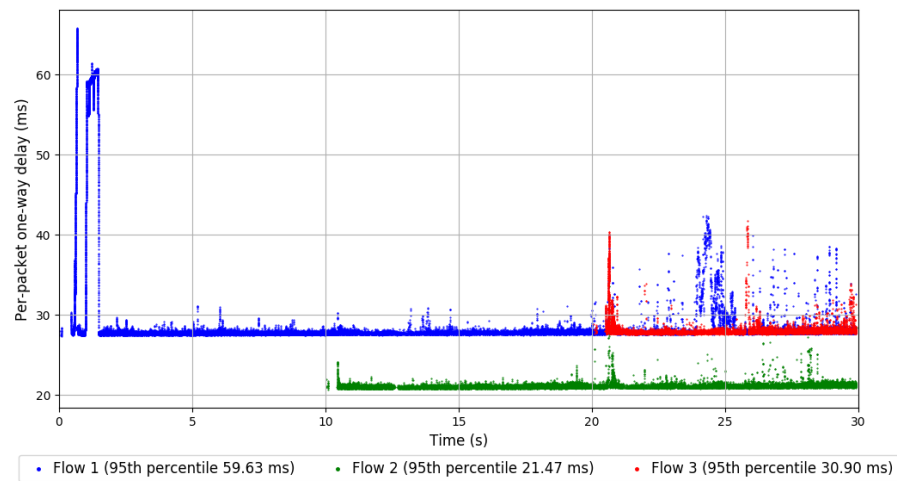
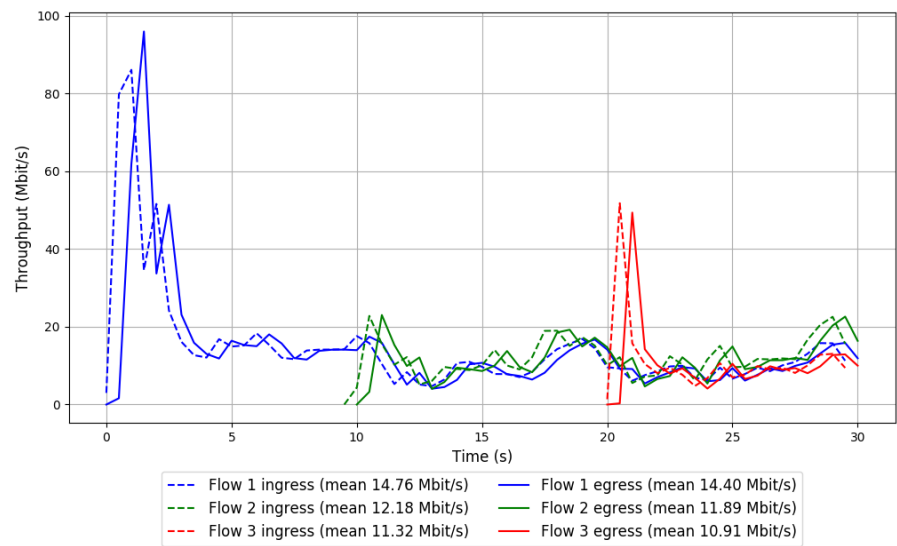


Run 4: Statistics of QUIC Cubic

Start at: 2018-08-09 11:46:59
End at: 2018-08-09 11:47:29
Local clock offset: -10.344 ms
Remote clock offset: -12.132 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 25.91 Mbit/s
95th percentile per-packet one-way delay: 58.514 ms
Loss rate: 2.60%
-- Flow 1:
Average throughput: 14.40 Mbit/s
95th percentile per-packet one-way delay: 59.629 ms
Loss rate: 2.48%
-- Flow 2:
Average throughput: 11.89 Mbit/s
95th percentile per-packet one-way delay: 21.467 ms
Loss rate: 2.32%
-- Flow 3:
Average throughput: 10.91 Mbit/s
95th percentile per-packet one-way delay: 30.901 ms
Loss rate: 3.67%

Run 4: Report of QUIC Cubic — Data Link

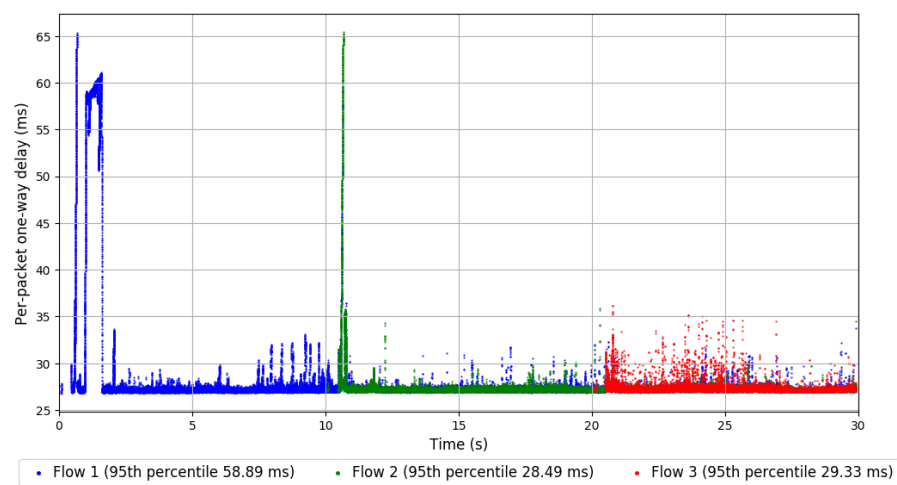
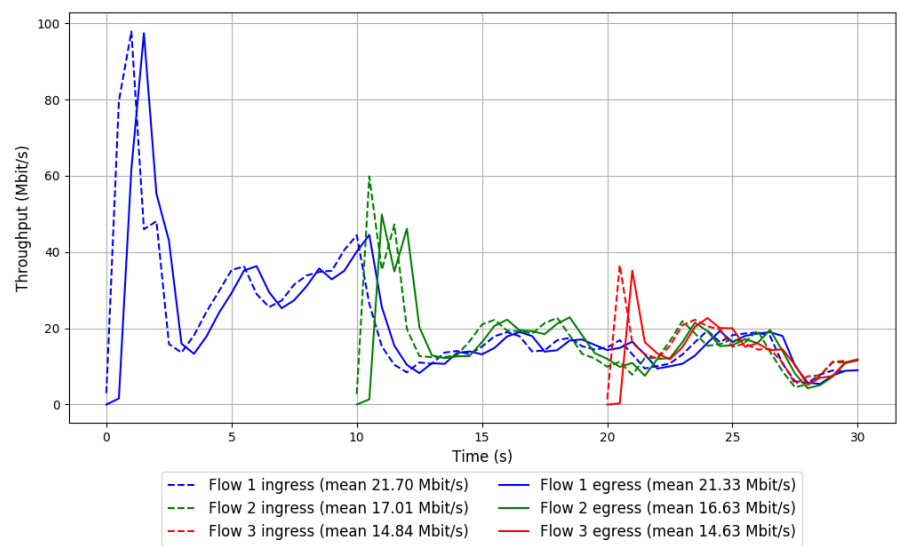


Run 5: Statistics of QUIC Cubic

Start at: 2018-08-09 12:06:21
End at: 2018-08-09 12:06:51
Local clock offset: -11.511 ms
Remote clock offset: -17.548 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 37.22 Mbit/s
95th percentile per-packet one-way delay: 55.665 ms
Loss rate: 1.82%
-- Flow 1:
Average throughput: 21.33 Mbit/s
95th percentile per-packet one-way delay: 58.890 ms
Loss rate: 1.67%
-- Flow 2:
Average throughput: 16.63 Mbit/s
95th percentile per-packet one-way delay: 28.486 ms
Loss rate: 2.24%
-- Flow 3:
Average throughput: 14.63 Mbit/s
95th percentile per-packet one-way delay: 29.331 ms
Loss rate: 1.46%

Run 5: Report of QUIC Cubic — Data Link

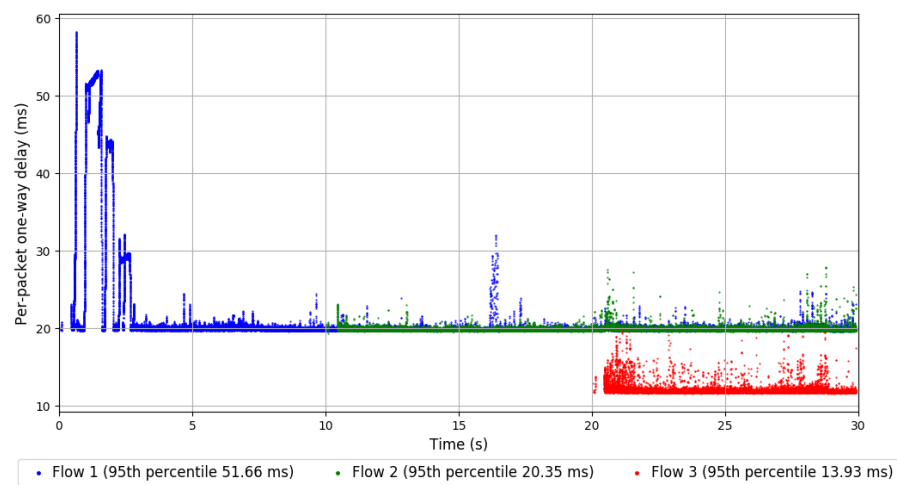
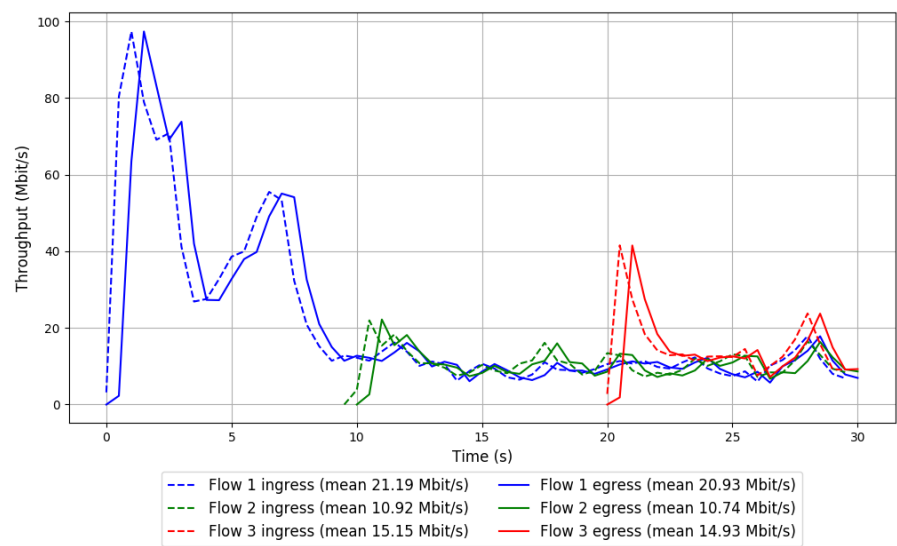


Run 6: Statistics of QUIC Cubic

Start at: 2018-08-09 12:26:48
End at: 2018-08-09 12:27:18
Local clock offset: -3.223 ms
Remote clock offset: -6.083 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 33.01 Mbit/s
95th percentile per-packet one-way delay: 48.864 ms
Loss rate: 1.32%
-- Flow 1:
Average throughput: 20.93 Mbit/s
95th percentile per-packet one-way delay: 51.656 ms
Loss rate: 1.20%
-- Flow 2:
Average throughput: 10.74 Mbit/s
95th percentile per-packet one-way delay: 20.353 ms
Loss rate: 1.60%
-- Flow 3:
Average throughput: 14.93 Mbit/s
95th percentile per-packet one-way delay: 13.929 ms
Loss rate: 1.44%

Run 6: Report of QUIC Cubic — Data Link

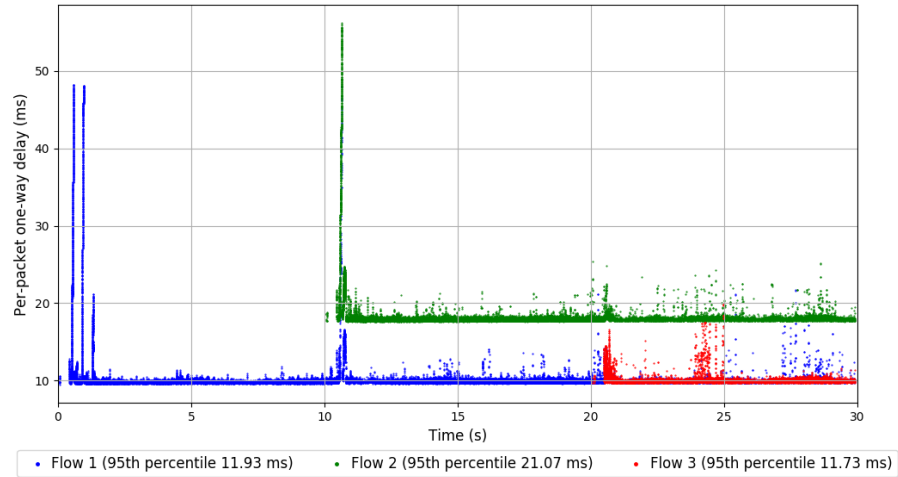
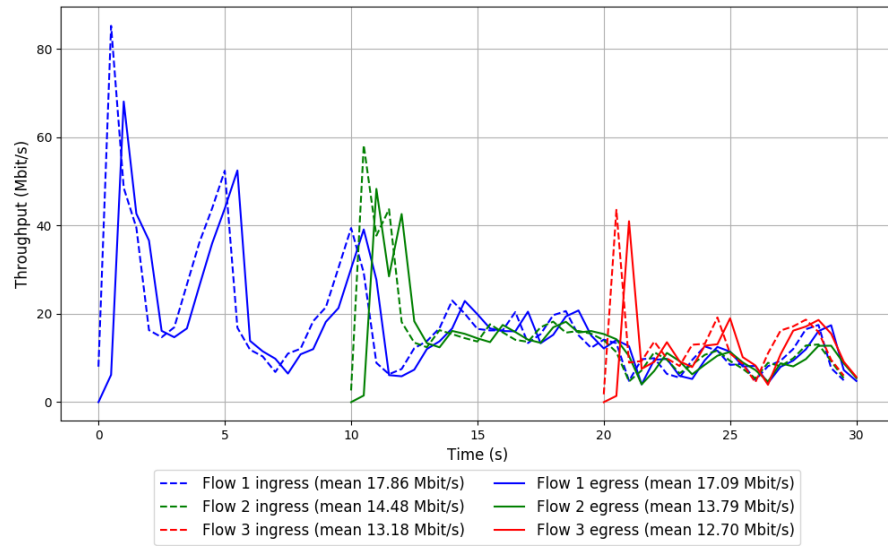


Run 7: Statistics of QUIC Cubic

Start at: 2018-08-09 12:46:10
End at: 2018-08-09 12:46:40
Local clock offset: -0.405 ms
Remote clock offset: -4.177 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 30.44 Mbit/s
95th percentile per-packet one-way delay: 18.411 ms
Loss rate: 4.33%
-- Flow 1:
Average throughput: 17.09 Mbit/s
95th percentile per-packet one-way delay: 11.926 ms
Loss rate: 4.30%
-- Flow 2:
Average throughput: 13.79 Mbit/s
95th percentile per-packet one-way delay: 21.074 ms
Loss rate: 4.74%
-- Flow 3:
Average throughput: 12.70 Mbit/s
95th percentile per-packet one-way delay: 11.735 ms
Loss rate: 3.59%

Run 7: Report of QUIC Cubic — Data Link

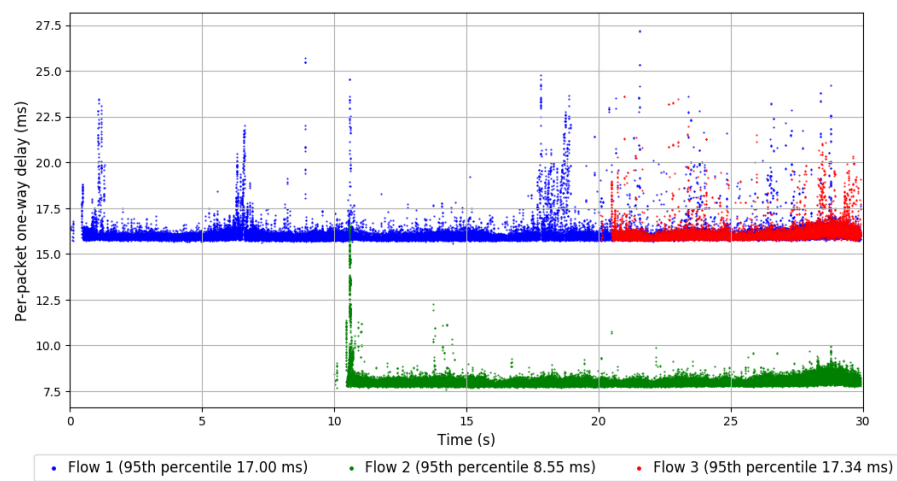
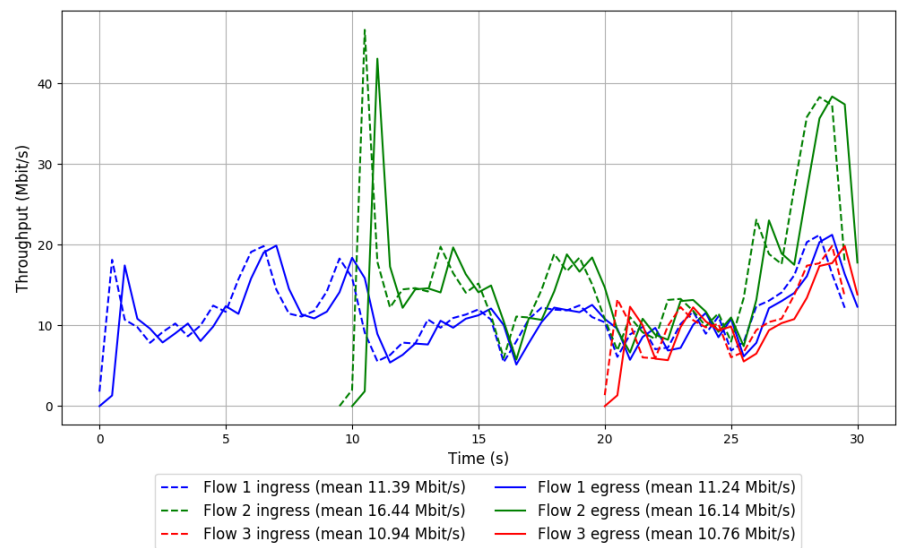


Run 8: Statistics of QUIC Cubic

Start at: 2018-08-09 13:05:34
End at: 2018-08-09 13:06:04
Local clock offset: 1.201 ms
Remote clock offset: -6.153 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 25.52 Mbit/s
95th percentile per-packet one-way delay: 16.603 ms
Loss rate: 1.61%
-- Flow 1:
Average throughput: 11.24 Mbit/s
95th percentile per-packet one-way delay: 17.002 ms
Loss rate: 1.37%
-- Flow 2:
Average throughput: 16.14 Mbit/s
95th percentile per-packet one-way delay: 8.552 ms
Loss rate: 1.83%
-- Flow 3:
Average throughput: 10.76 Mbit/s
95th percentile per-packet one-way delay: 17.343 ms
Loss rate: 1.65%

Run 8: Report of QUIC Cubic — Data Link

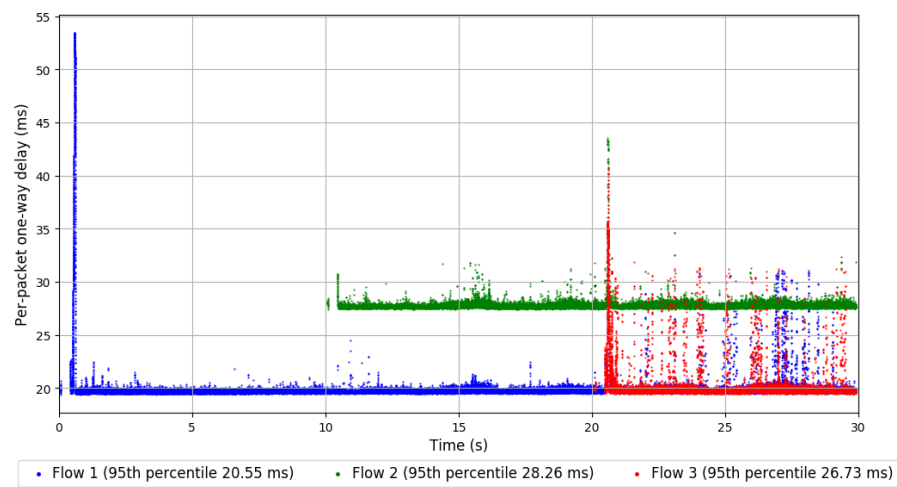
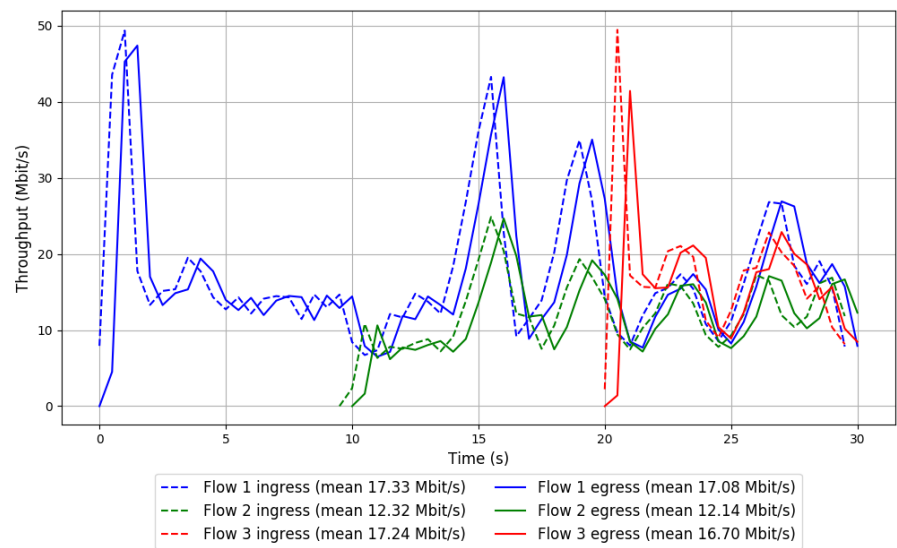


Run 9: Statistics of QUIC Cubic

Start at: 2018-08-09 13:25:15
End at: 2018-08-09 13:25:45
Local clock offset: -10.604 ms
Remote clock offset: -7.287 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 30.66 Mbit/s
95th percentile per-packet one-way delay: 28.063 ms
Loss rate: 1.76%
-- Flow 1:
Average throughput: 17.08 Mbit/s
95th percentile per-packet one-way delay: 20.546 ms
Loss rate: 1.43%
-- Flow 2:
Average throughput: 12.14 Mbit/s
95th percentile per-packet one-way delay: 28.258 ms
Loss rate: 1.46%
-- Flow 3:
Average throughput: 16.70 Mbit/s
95th percentile per-packet one-way delay: 26.734 ms
Loss rate: 3.17%

Run 9: Report of QUIC Cubic — Data Link

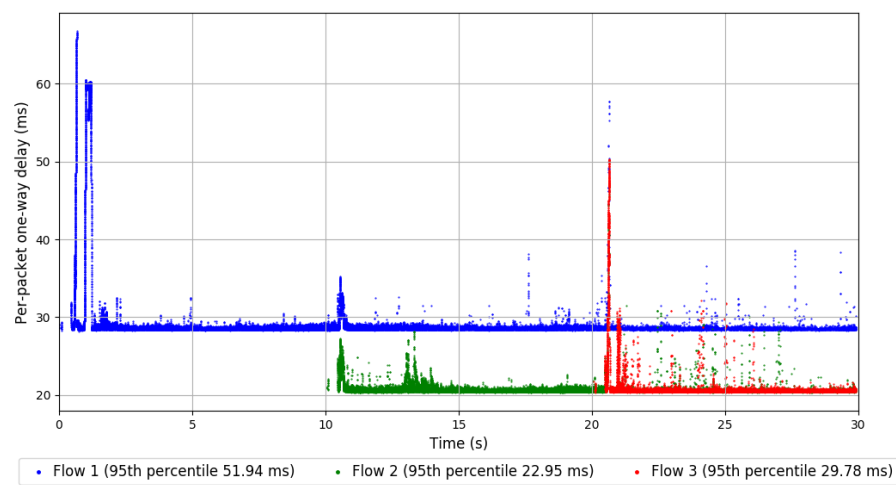
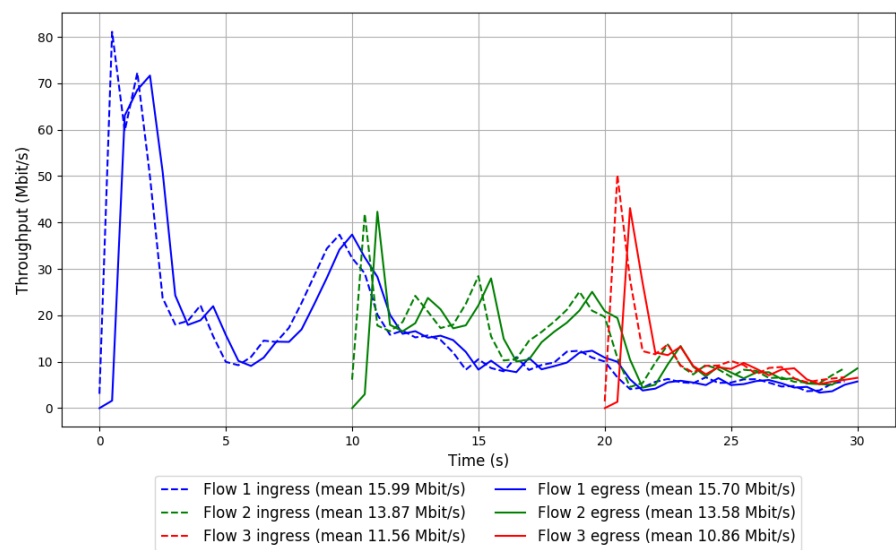


Run 10: Statistics of QUIC Cubic

Start at: 2018-08-09 13:44:47
End at: 2018-08-09 13:45:17
Local clock offset: -11.52 ms
Remote clock offset: -8.072 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 28.31 Mbit/s
95th percentile per-packet one-way delay: 32.159 ms
Loss rate: 2.51%
-- Flow 1:
Average throughput: 15.70 Mbit/s
95th percentile per-packet one-way delay: 51.941 ms
Loss rate: 1.87%
-- Flow 2:
Average throughput: 13.58 Mbit/s
95th percentile per-packet one-way delay: 22.949 ms
Loss rate: 2.14%
-- Flow 3:
Average throughput: 10.86 Mbit/s
95th percentile per-packet one-way delay: 29.776 ms
Loss rate: 6.09%

Run 10: Report of QUIC Cubic — Data Link

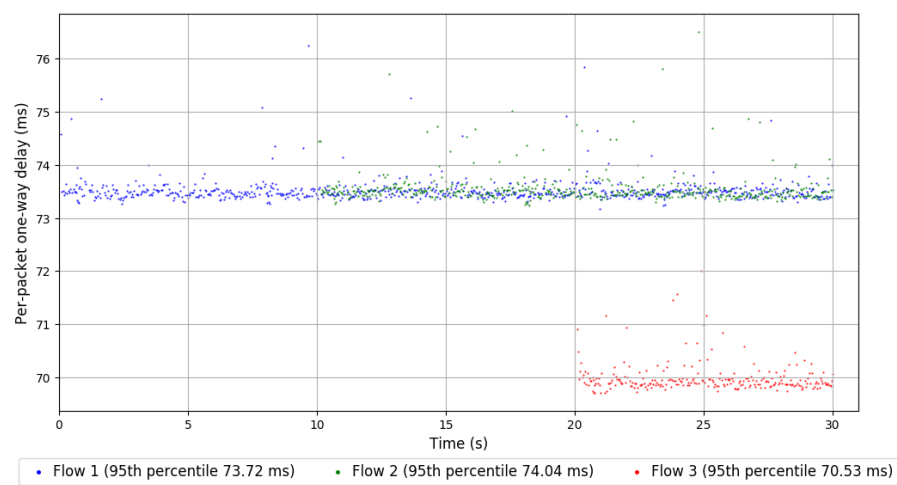
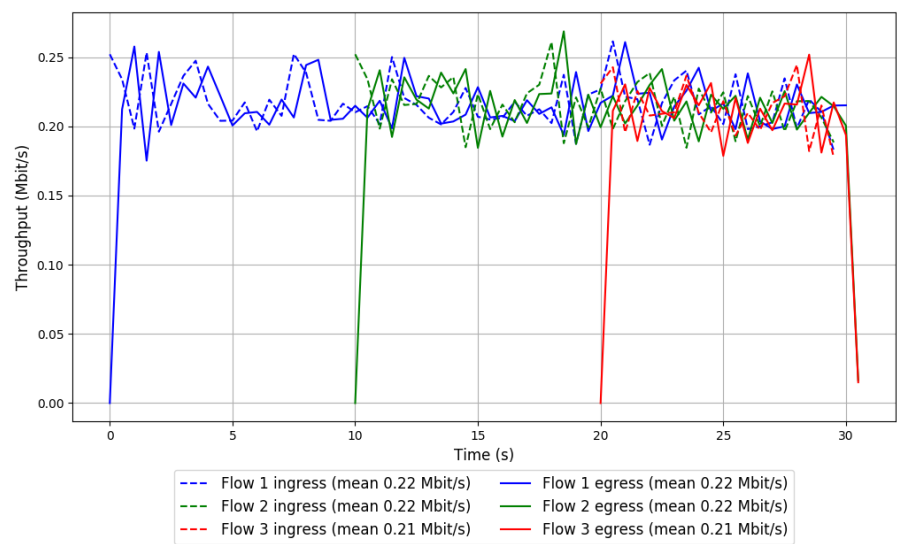


Run 1: Statistics of SReAM

Start at: 2018-08-09 08:45:59
End at: 2018-08-09 08:46:29
Local clock offset: 3.844 ms
Remote clock offset: 57.754 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 73.759 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 73.717 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 74.044 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 70.532 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

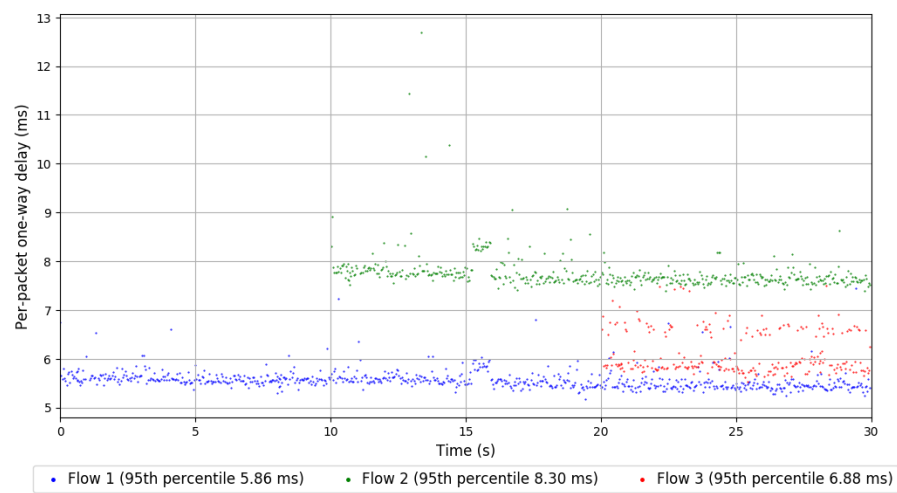
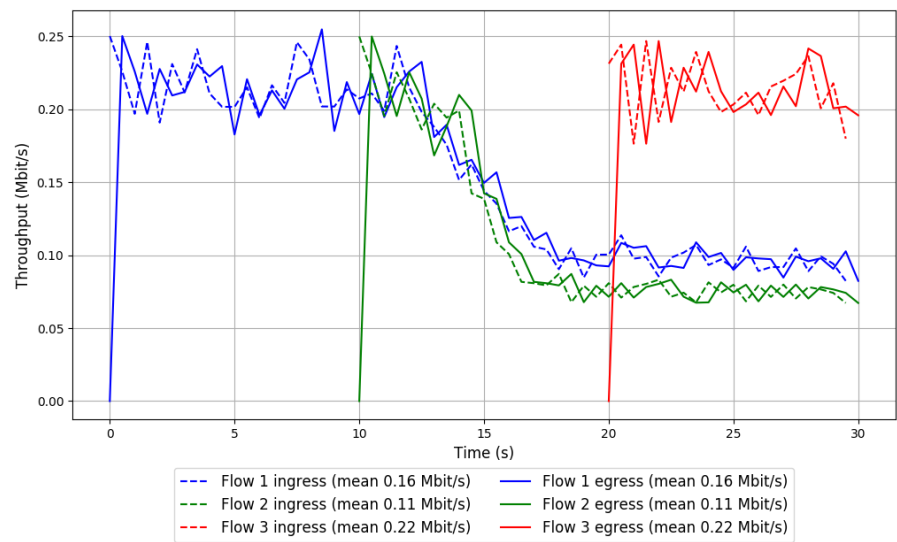


Run 2: Statistics of SReAM

Start at: 2018-08-09 11:06:37
End at: 2018-08-09 11:07:07
Local clock offset: 4.284 ms
Remote clock offset: -6.437 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 7.883 ms
Loss rate: 0.22%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 5.858 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 0.11 Mbit/s
95th percentile per-packet one-way delay: 8.305 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 6.882 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

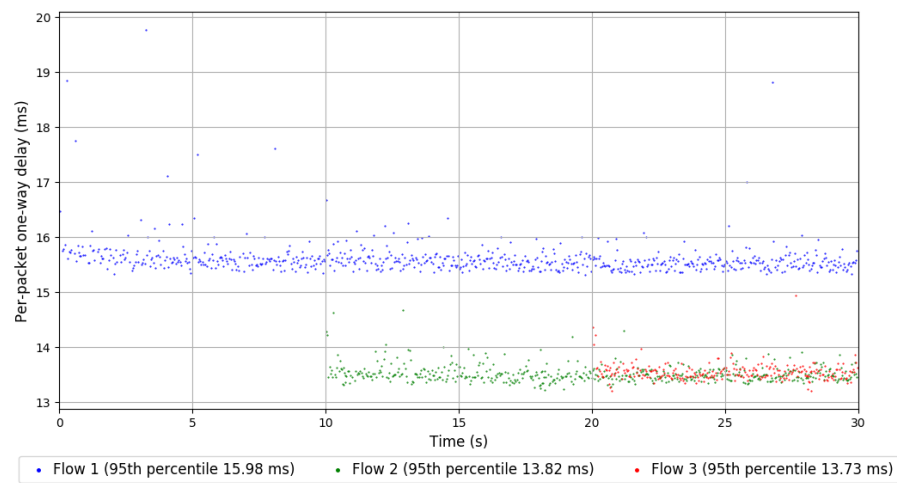
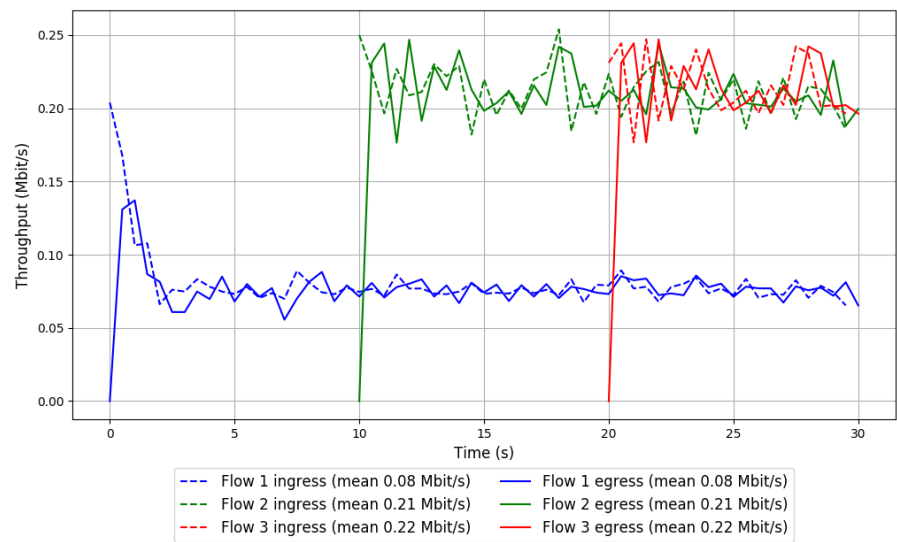


Run 3: Statistics of SReAM

Start at: 2018-08-09 11:26:06
End at: 2018-08-09 11:26:36
Local clock offset: -4.194 ms
Remote clock offset: -4.449 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 15.778 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 0.08 Mbit/s
95th percentile per-packet one-way delay: 15.977 ms
Loss rate: 4.02%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 13.817 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 13.731 ms
Loss rate: 0.00%

Run 3: Report of SCRaM — Data Link

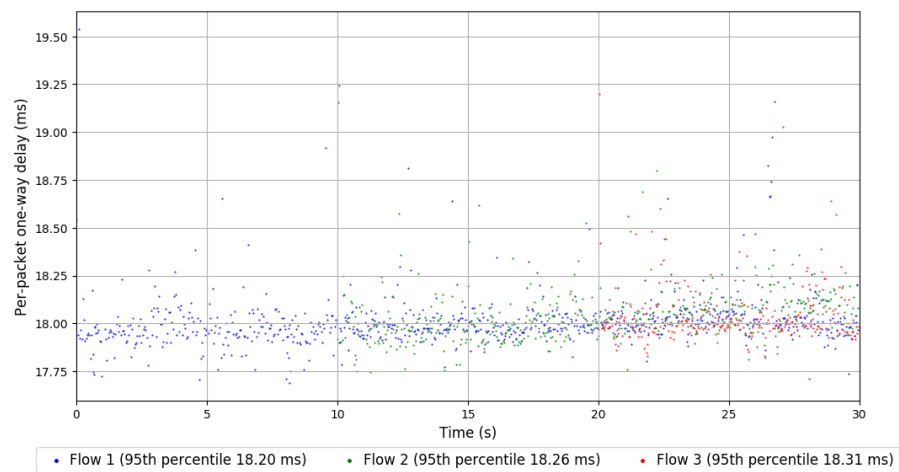
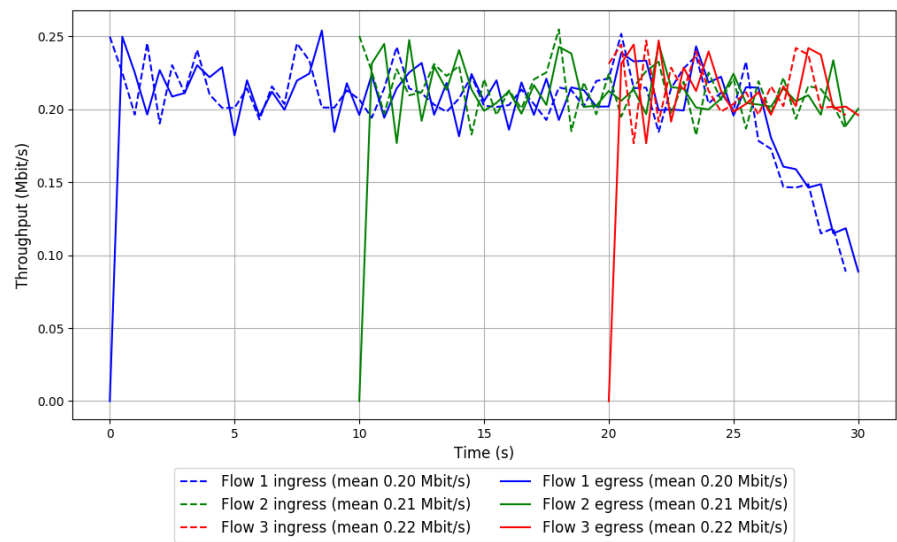


Run 4: Statistics of SReAM

Start at: 2018-08-09 11:45:54
End at: 2018-08-09 11:46:24
Local clock offset: -8.663 ms
Remote clock offset: -13.094 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 18.245 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 18.202 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 18.257 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 18.309 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

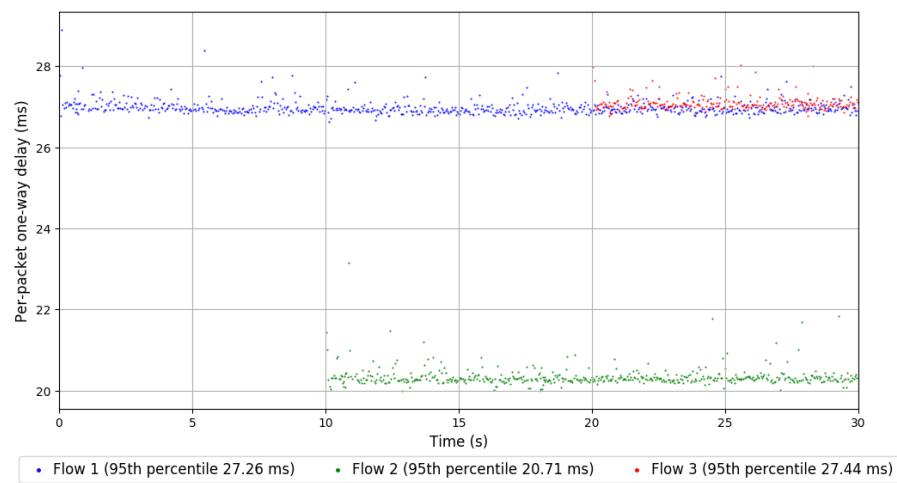
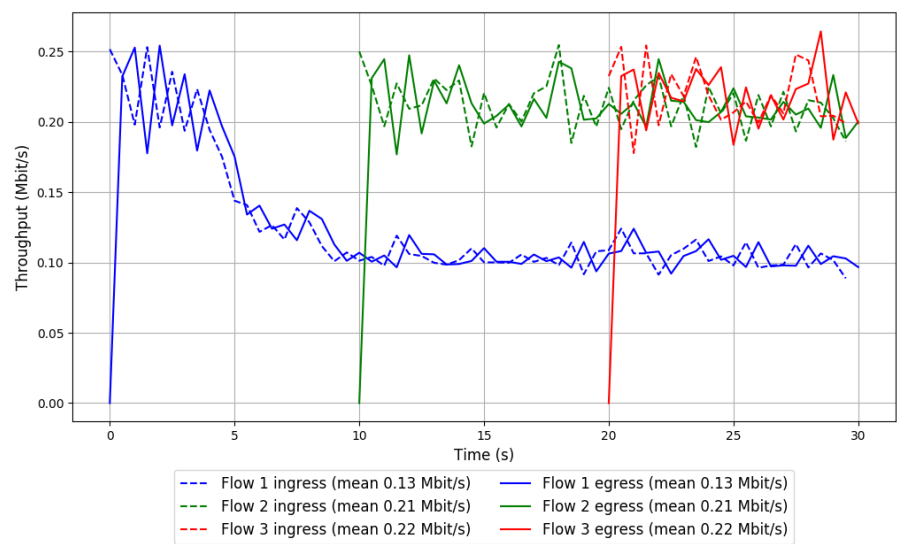


Run 5: Statistics of SReAM

Start at: 2018-08-09 12:05:16
End at: 2018-08-09 12:05:46
Local clock offset: -11.251 ms
Remote clock offset: -17.309 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 27.224 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 27.260 ms
Loss rate: 0.40%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 20.707 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 27.442 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

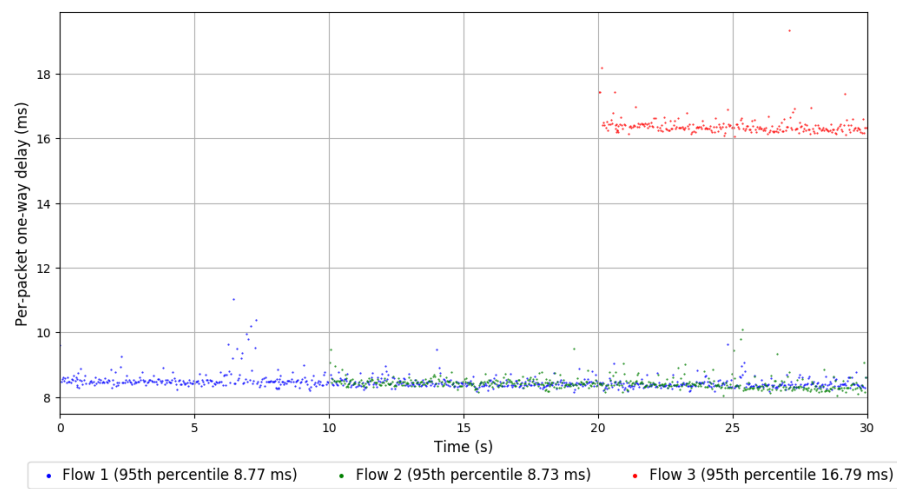
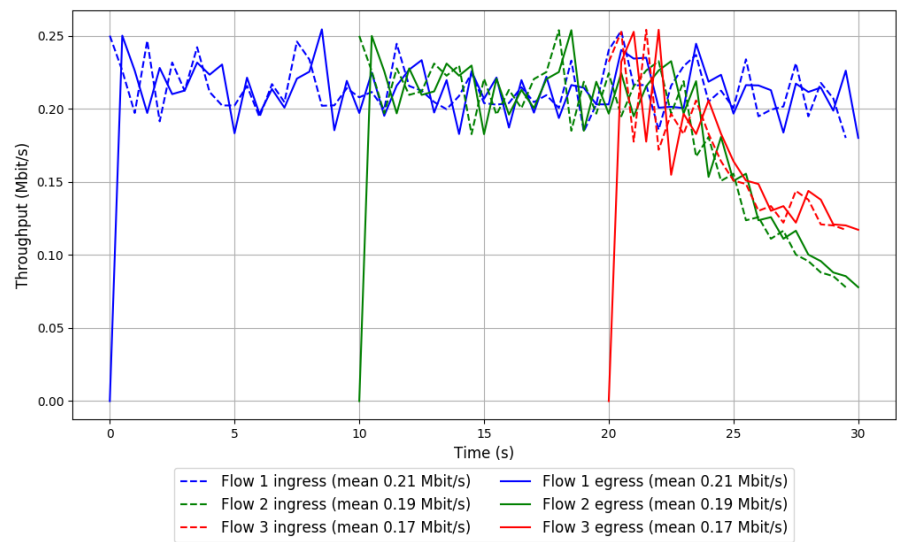


Run 6: Statistics of SCReAM

Start at: 2018-08-09 12:25:43
End at: 2018-08-09 12:26:13
Local clock offset: -0.302 ms
Remote clock offset: -6.904 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 16.406 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 8.771 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 8.735 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 16.792 ms
Loss rate: 0.51%

Run 6: Report of SReAM — Data Link

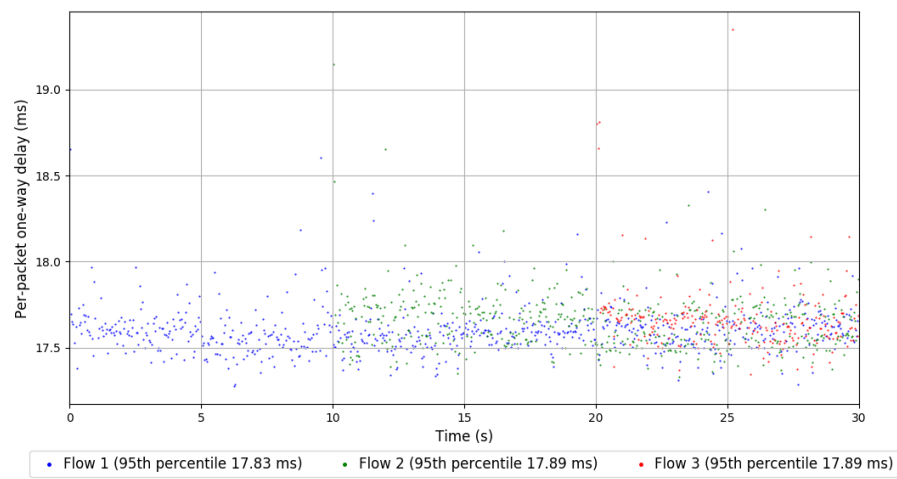
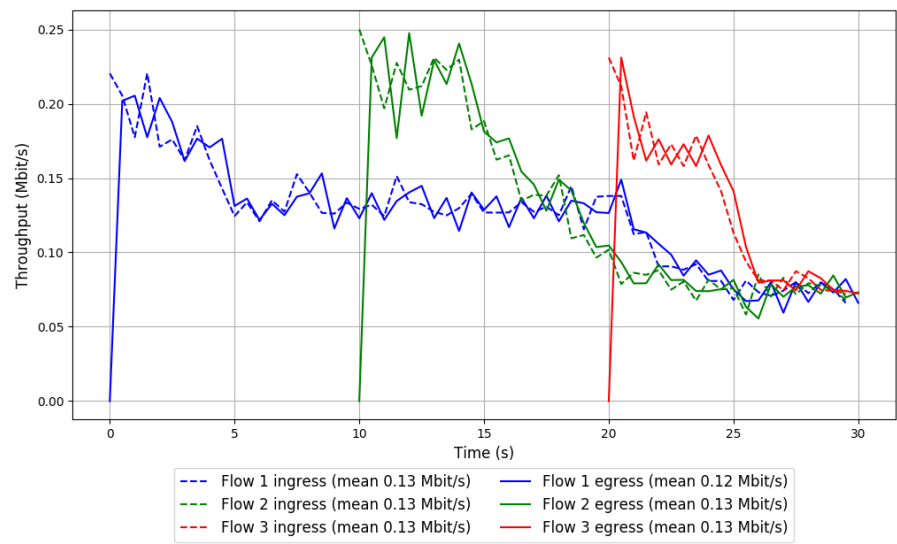


Run 7: Statistics of SCReAM

Start at: 2018-08-09 12:45:05
End at: 2018-08-09 12:45:35
Local clock offset: -7.759 ms
Remote clock offset: -3.517 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 17.874 ms
Loss rate: 1.14%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 17.829 ms
Loss rate: 0.86%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 17.887 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 17.885 ms
Loss rate: 2.38%

Run 7: Report of SReAM — Data Link

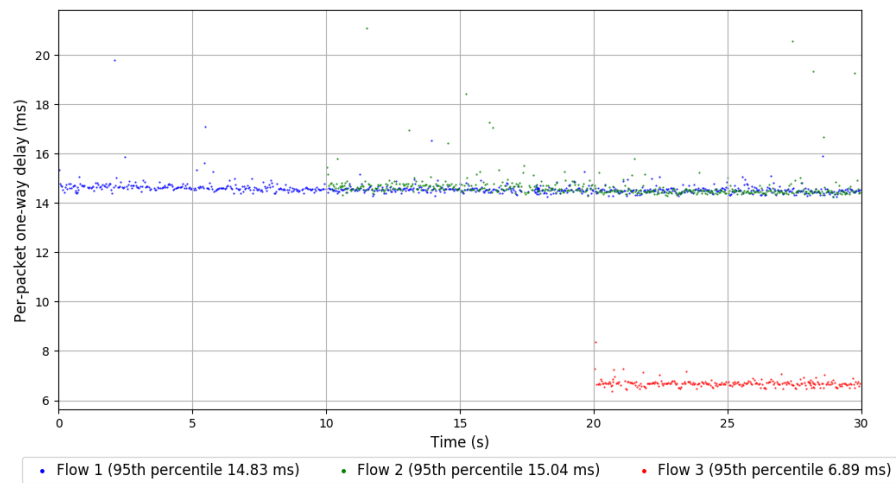
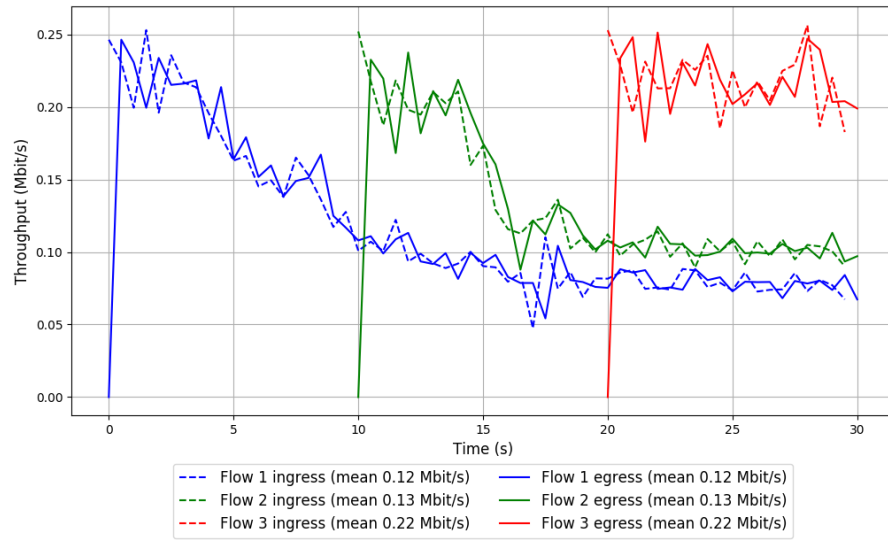


Run 8: Statistics of SCReAM

Start at: 2018-08-09 13:04:28
End at: 2018-08-09 13:04:59
Local clock offset: 2.459 ms
Remote clock offset: -6.215 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 14.863 ms
Loss rate: 0.73%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 14.829 ms
Loss rate: 1.05%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 15.037 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 6.895 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

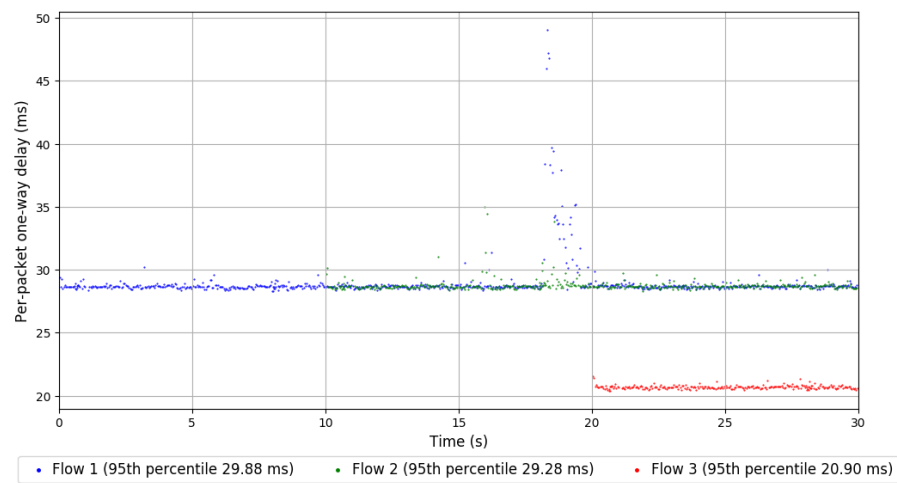
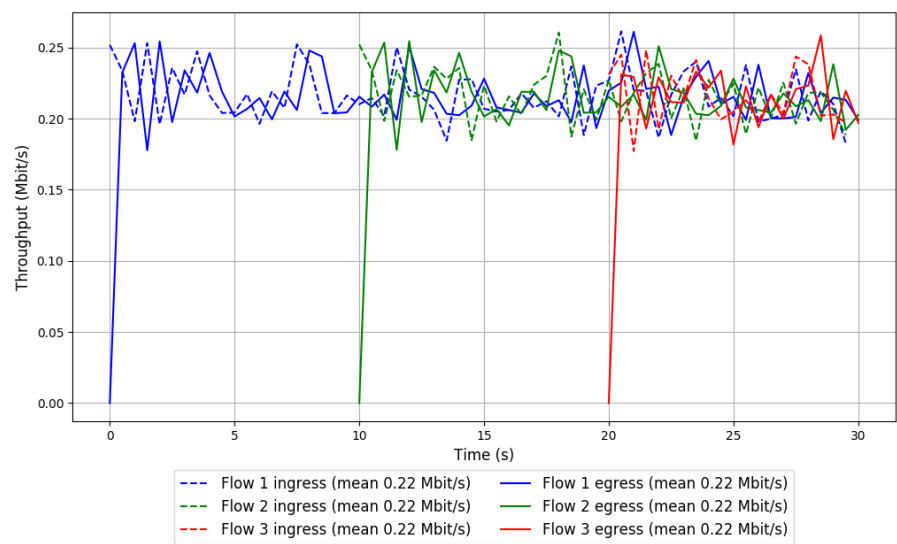


Run 9: Statistics of SCReAM

Start at: 2018-08-09 13:24:10
End at: 2018-08-09 13:24:40
Local clock offset: -11.299 ms
Remote clock offset: -6.92 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 29.202 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.875 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 29.279 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 20.898 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

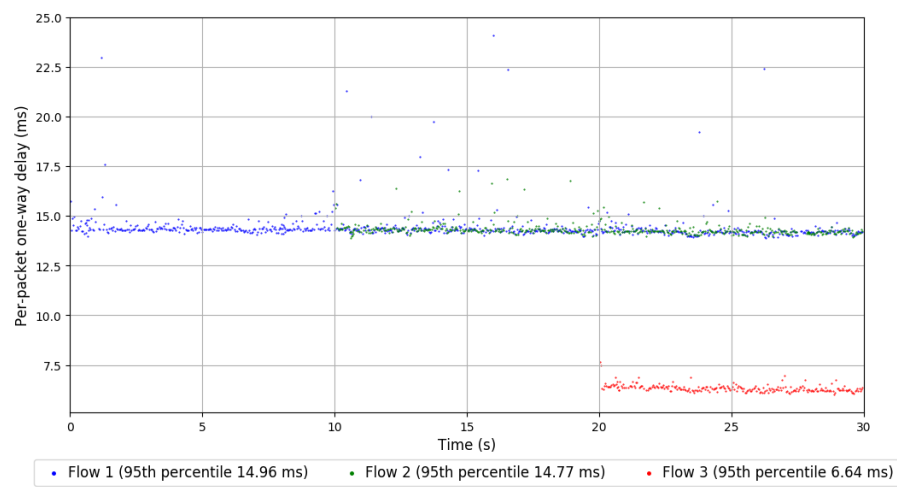
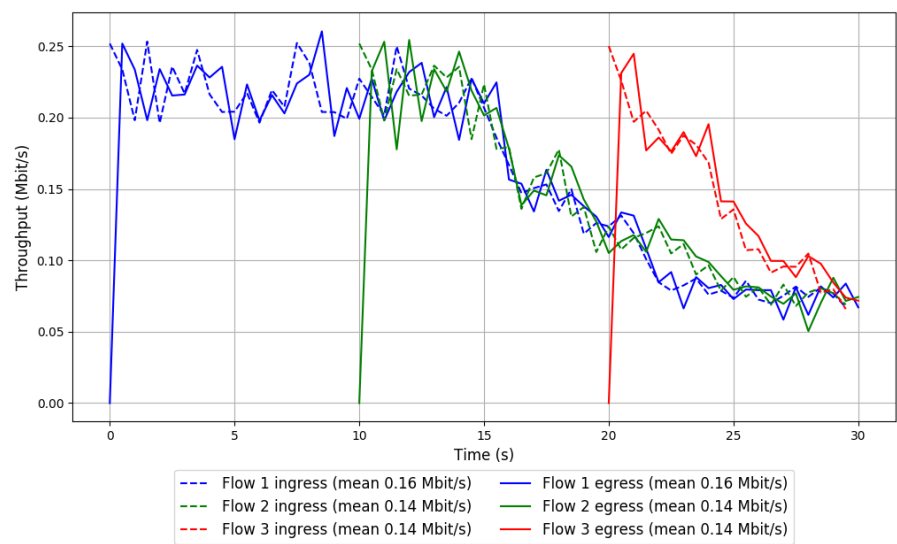


Run 10: Statistics of SReAM

Start at: 2018-08-09 13:43:42
End at: 2018-08-09 13:44:12
Local clock offset: 2.189 ms
Remote clock offset: -8.585 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 14.792 ms
Loss rate: 1.26%
-- Flow 1:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 14.955 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 14.771 ms
Loss rate: 1.61%
-- Flow 3:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 6.643 ms
Loss rate: 1.87%

Run 10: Report of SReAM — Data Link

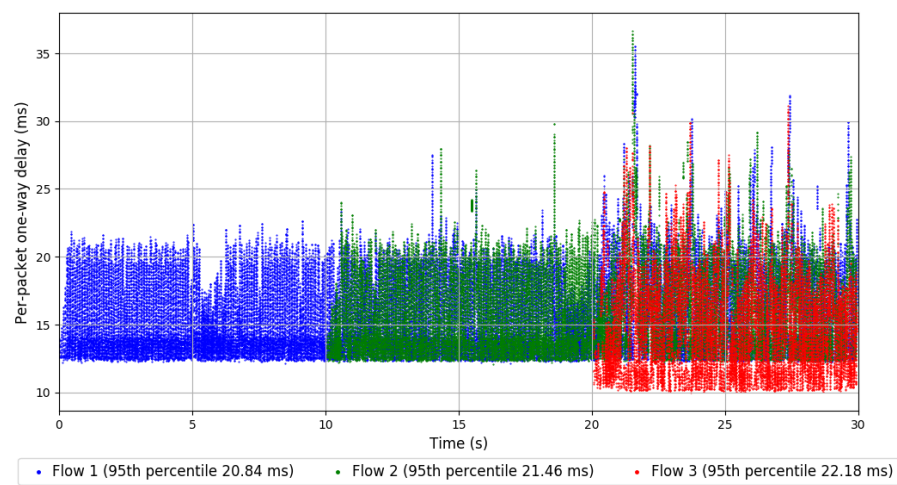
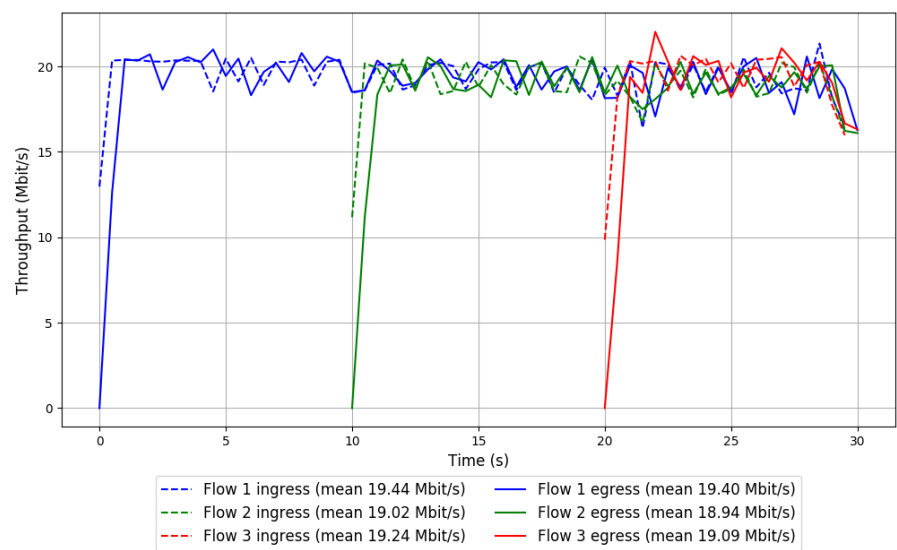


Run 1: Statistics of Sprout

Start at: 2018-08-09 10:58:38
End at: 2018-08-09 10:59:08
Local clock offset: 0.347 ms
Remote clock offset: -7.223 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 38.31 Mbit/s
95th percentile per-packet one-way delay: 21.221 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 19.40 Mbit/s
95th percentile per-packet one-way delay: 20.837 ms
Loss rate: 0.18%
-- Flow 2:
Average throughput: 18.94 Mbit/s
95th percentile per-packet one-way delay: 21.461 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 19.09 Mbit/s
95th percentile per-packet one-way delay: 22.185 ms
Loss rate: 0.73%

Run 1: Report of Sprout — Data Link

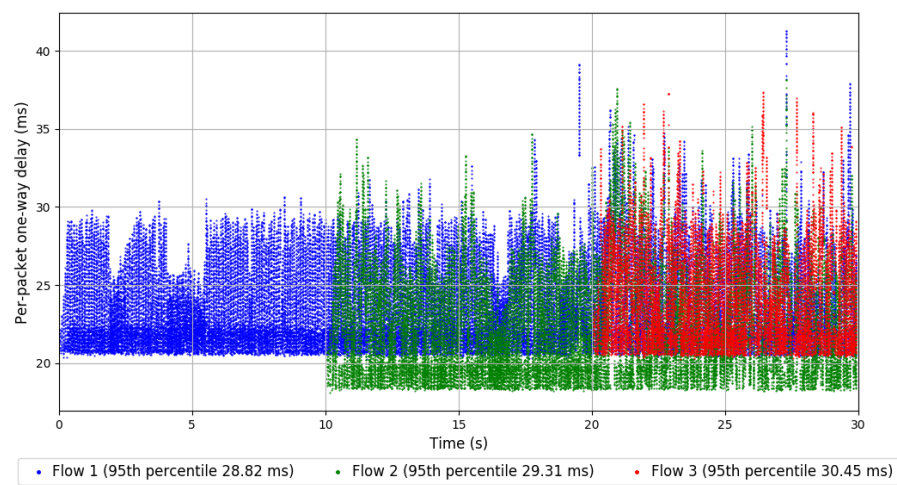
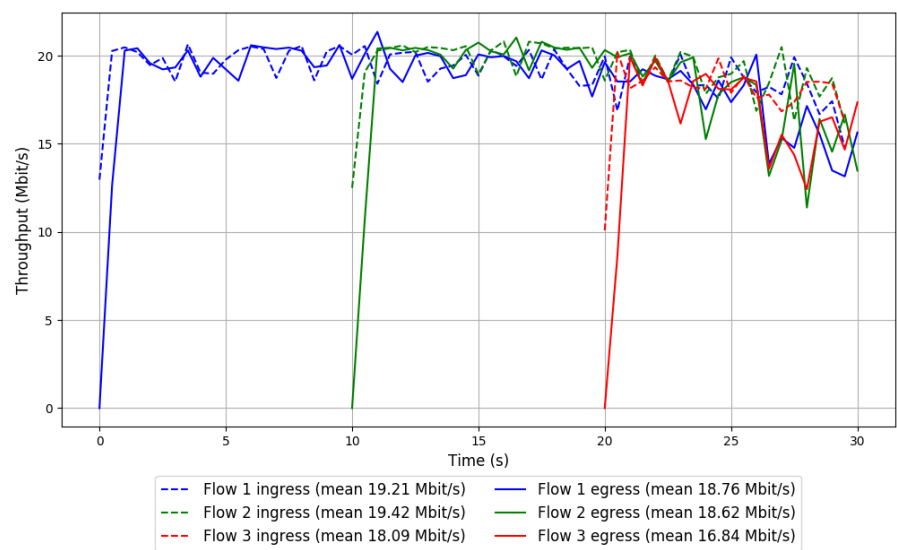


Run 2: Statistics of Sprout

Start at: 2018-08-09 11:17:59
End at: 2018-08-09 11:18:29
Local clock offset: -8.471 ms
Remote clock offset: -4.889 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 36.72 Mbit/s
95th percentile per-packet one-way delay: 29.157 ms
Loss rate: 3.63%
-- Flow 1:
Average throughput: 18.76 Mbit/s
95th percentile per-packet one-way delay: 28.816 ms
Loss rate: 2.31%
-- Flow 2:
Average throughput: 18.62 Mbit/s
95th percentile per-packet one-way delay: 29.308 ms
Loss rate: 4.09%
-- Flow 3:
Average throughput: 16.84 Mbit/s
95th percentile per-packet one-way delay: 30.446 ms
Loss rate: 6.89%

Run 2: Report of Sprout — Data Link

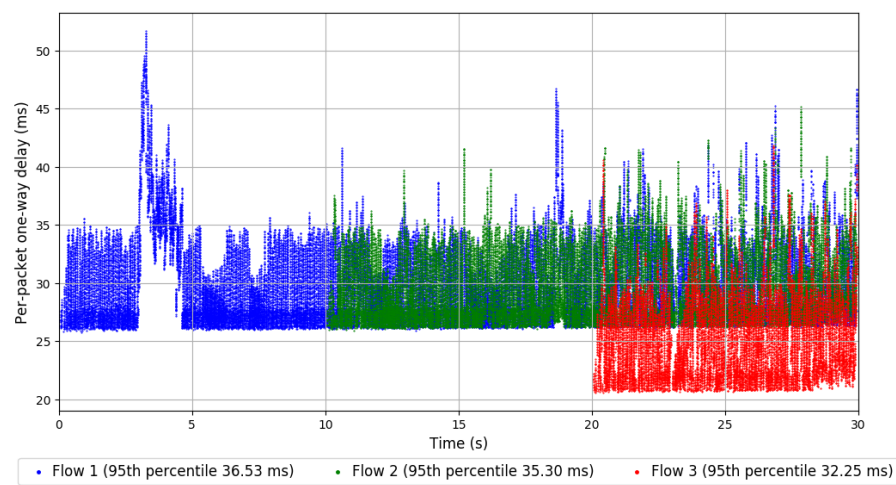
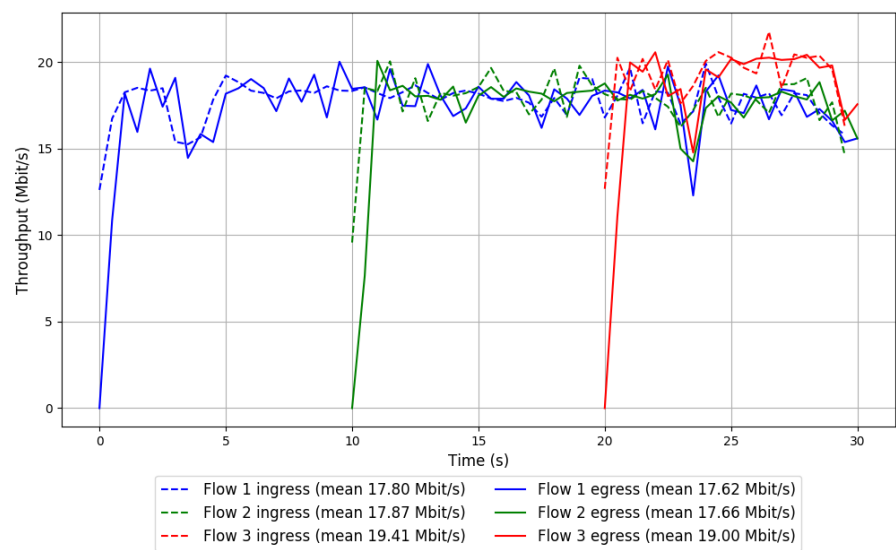


Run 3: Statistics of Sprout

Start at: 2018-08-09 11:37:35
End at: 2018-08-09 11:38:05
Local clock offset: -10.504 ms
Remote clock offset: -7.412 ms

```
# Below is generated by plot.py at 2018-08-09 14:15:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 35.65 Mbit/s
95th percentile per-packet one-way delay: 35.551 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 17.62 Mbit/s
95th percentile per-packet one-way delay: 36.533 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 17.66 Mbit/s
95th percentile per-packet one-way delay: 35.295 ms
Loss rate: 1.12%
-- Flow 3:
Average throughput: 19.00 Mbit/s
95th percentile per-packet one-way delay: 32.253 ms
Loss rate: 1.92%
```

Run 3: Report of Sprout — Data Link

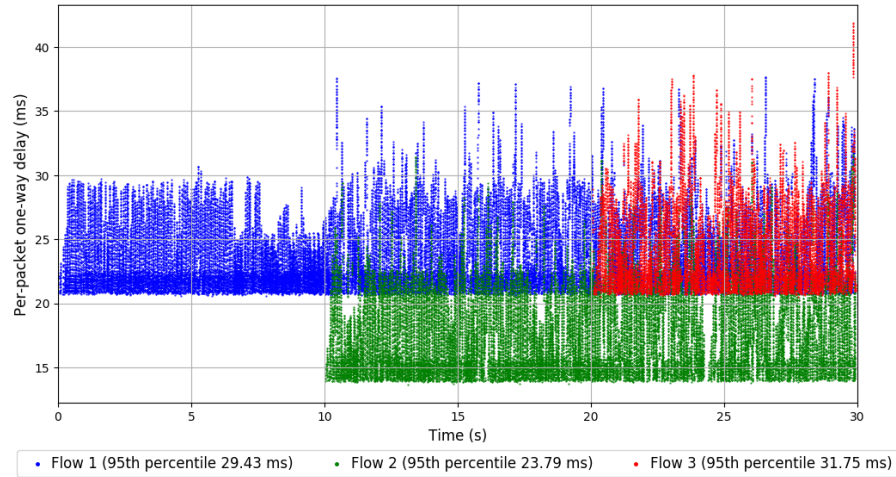
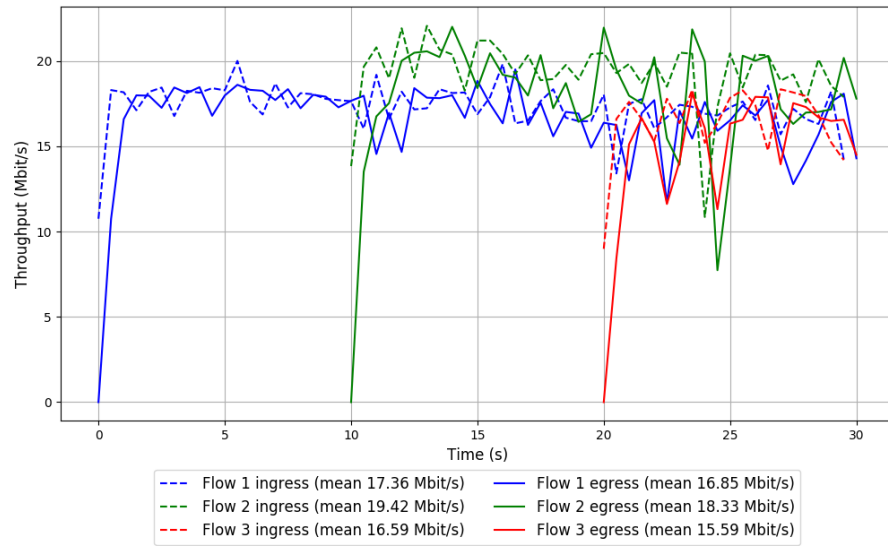


Run 4: Statistics of Sprout

Start at: 2018-08-09 11:57:18
End at: 2018-08-09 11:57:48
Local clock offset: -4.314 ms
Remote clock offset: -15.293 ms

```
# Below is generated by plot.py at 2018-08-09 14:15:00
# Datalink statistics
-- Total of 3 flows:
Average throughput: 34.18 Mbit/s
95th percentile per-packet one-way delay: 29.025 ms
Loss rate: 4.43%
-- Flow 1:
Average throughput: 16.85 Mbit/s
95th percentile per-packet one-way delay: 29.426 ms
Loss rate: 3.06%
-- Flow 2:
Average throughput: 18.33 Mbit/s
95th percentile per-packet one-way delay: 23.792 ms
Loss rate: 5.61%
-- Flow 3:
Average throughput: 15.59 Mbit/s
95th percentile per-packet one-way delay: 31.749 ms
Loss rate: 6.03%
```

Run 4: Report of Sprout — Data Link

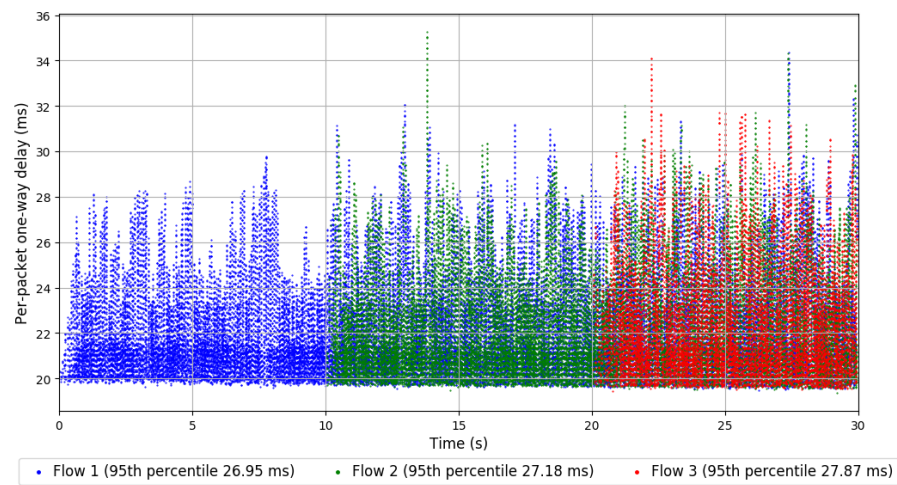
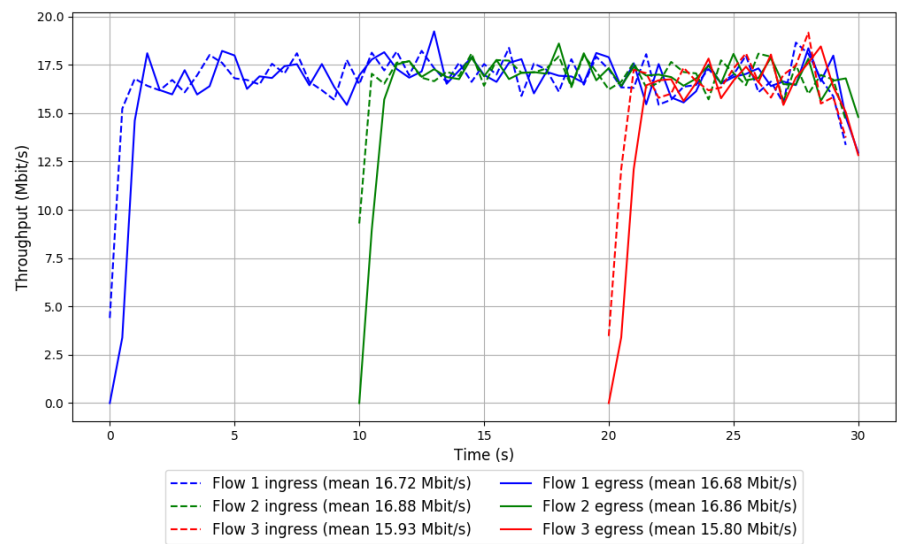


Run 5: Statistics of Sprout

Start at: 2018-08-09 12:17:19
End at: 2018-08-09 12:17:49
Local clock offset: -10.804 ms
Remote clock offset: -9.987 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 33.12 Mbit/s
95th percentile per-packet one-way delay: 27.173 ms
Loss rate: 0.26%
-- Flow 1:
Average throughput: 16.68 Mbit/s
95th percentile per-packet one-way delay: 26.948 ms
Loss rate: 0.21%
-- Flow 2:
Average throughput: 16.86 Mbit/s
95th percentile per-packet one-way delay: 27.181 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 15.80 Mbit/s
95th percentile per-packet one-way delay: 27.873 ms
Loss rate: 0.72%

Run 5: Report of Sprout — Data Link

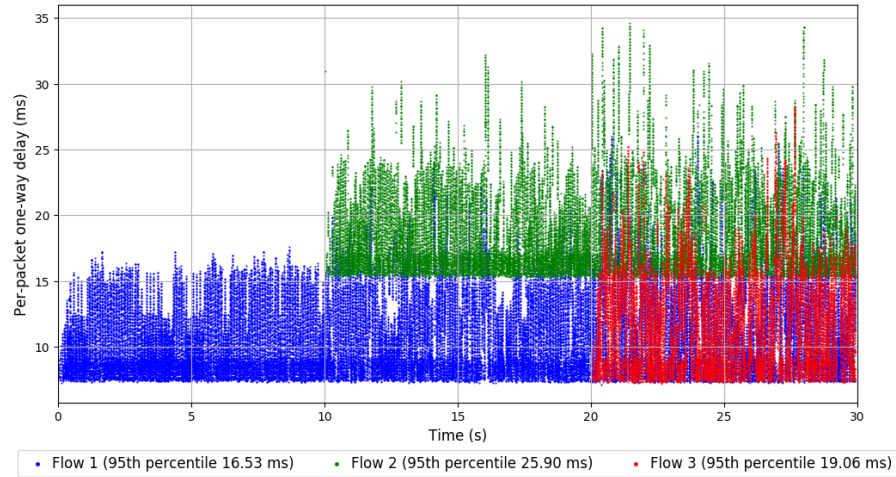
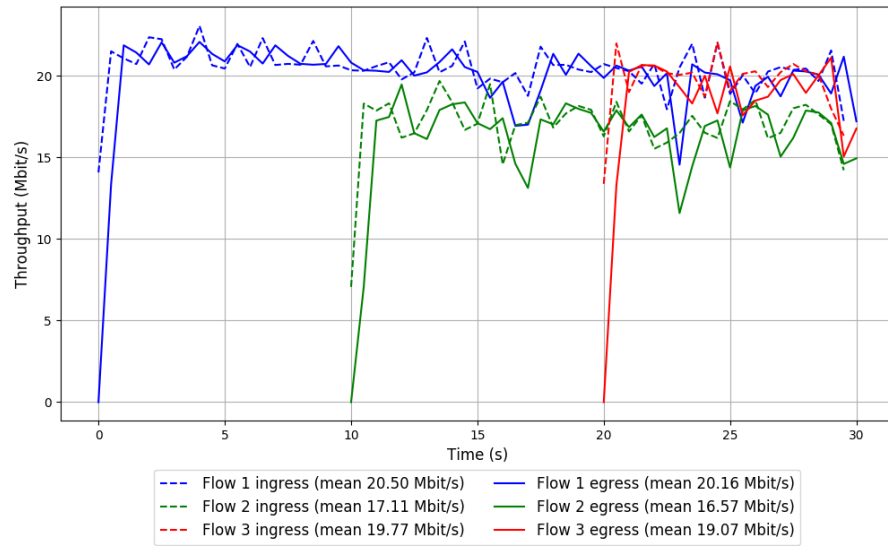


Run 6: Statistics of Sprout

Start at: 2018-08-09 12:37:01
End at: 2018-08-09 12:37:31
Local clock offset: 1.502 ms
Remote clock offset: -3.956 ms

Below is generated by plot.py at 2018-08-09 14:15:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 37.48 Mbit/s
95th percentile per-packet one-way delay: 22.641 ms
Loss rate: 2.42%
-- Flow 1:
Average throughput: 20.16 Mbit/s
95th percentile per-packet one-way delay: 16.534 ms
Loss rate: 1.65%
-- Flow 2:
Average throughput: 16.57 Mbit/s
95th percentile per-packet one-way delay: 25.899 ms
Loss rate: 3.18%
-- Flow 3:
Average throughput: 19.07 Mbit/s
95th percentile per-packet one-way delay: 19.057 ms
Loss rate: 3.51%

Run 6: Report of Sprout — Data Link

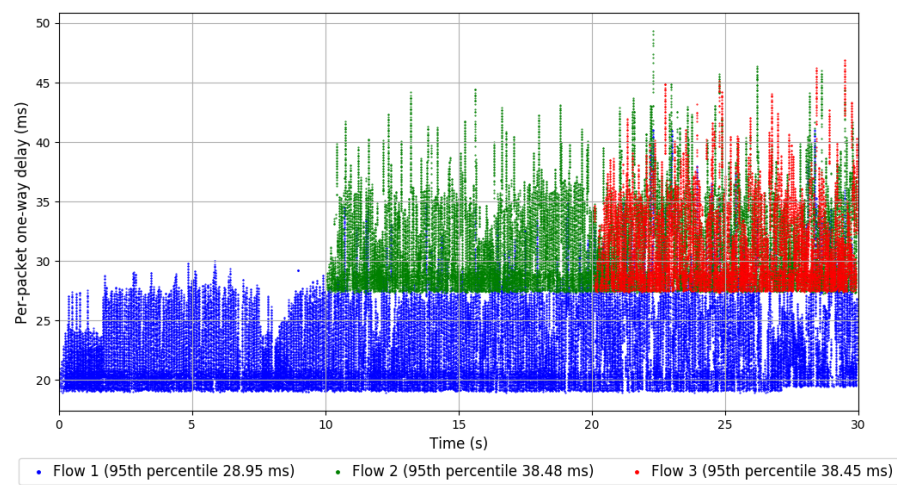
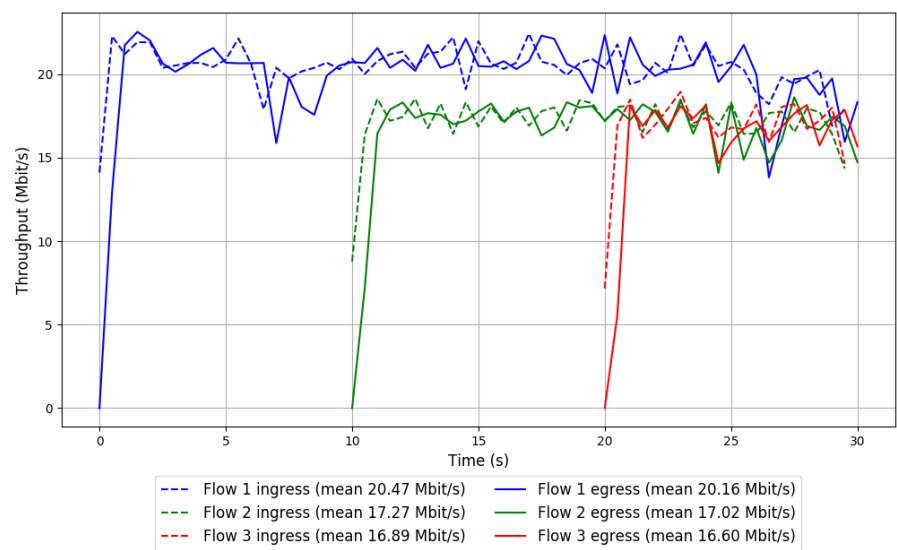


Run 7: Statistics of Sprout

Start at: 2018-08-09 12:56:27
End at: 2018-08-09 12:56:57
Local clock offset: -10.619 ms
Remote clock offset: -6.159 ms

Below is generated by plot.py at 2018-08-09 14:15:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 36.95 Mbit/s
95th percentile per-packet one-way delay: 36.260 ms
Loss rate: 1.48%
-- Flow 1:
Average throughput: 20.16 Mbit/s
95th percentile per-packet one-way delay: 28.948 ms
Loss rate: 1.50%
-- Flow 2:
Average throughput: 17.02 Mbit/s
95th percentile per-packet one-way delay: 38.481 ms
Loss rate: 1.42%
-- Flow 3:
Average throughput: 16.60 Mbit/s
95th percentile per-packet one-way delay: 38.447 ms
Loss rate: 1.57%

Run 7: Report of Sprout — Data Link

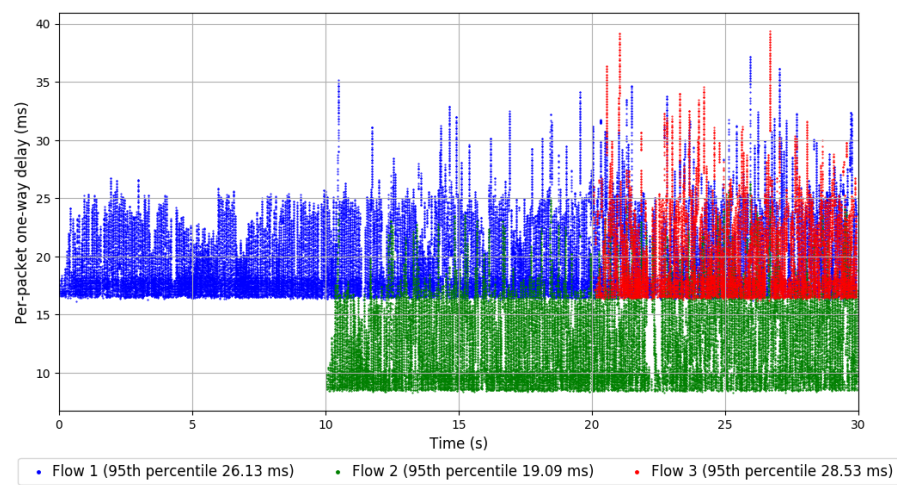
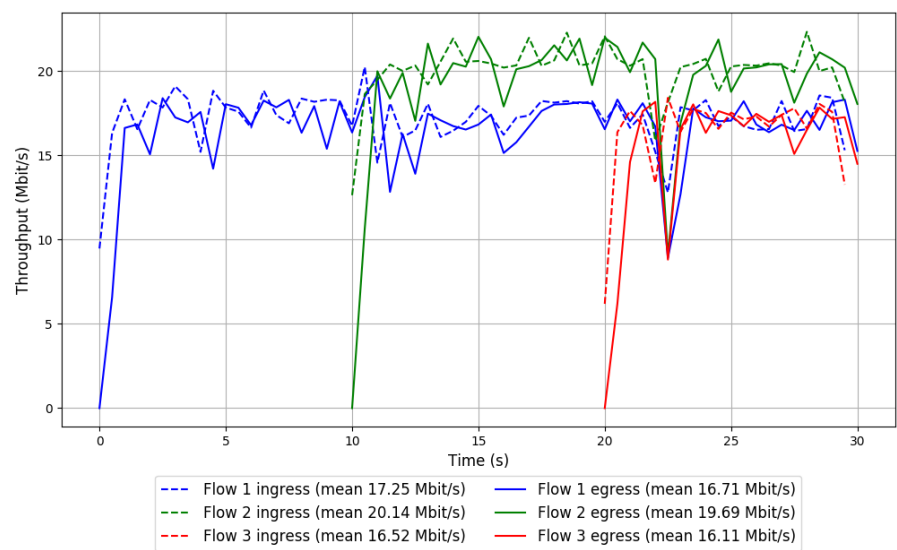


Run 8: Statistics of Sprout

Start at: 2018-08-09 13:16:12
End at: 2018-08-09 13:16:42
Local clock offset: 0.974 ms
Remote clock offset: -5.536 ms

Below is generated by plot.py at 2018-08-09 14:15:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 35.14 Mbit/s
95th percentile per-packet one-way delay: 25.232 ms
Loss rate: 2.68%
-- Flow 1:
Average throughput: 16.71 Mbit/s
95th percentile per-packet one-way delay: 26.133 ms
Loss rate: 3.12%
-- Flow 2:
Average throughput: 19.69 Mbit/s
95th percentile per-packet one-way delay: 19.095 ms
Loss rate: 2.19%
-- Flow 3:
Average throughput: 16.11 Mbit/s
95th percentile per-packet one-way delay: 28.527 ms
Loss rate: 2.49%

Run 8: Report of Sprout — Data Link

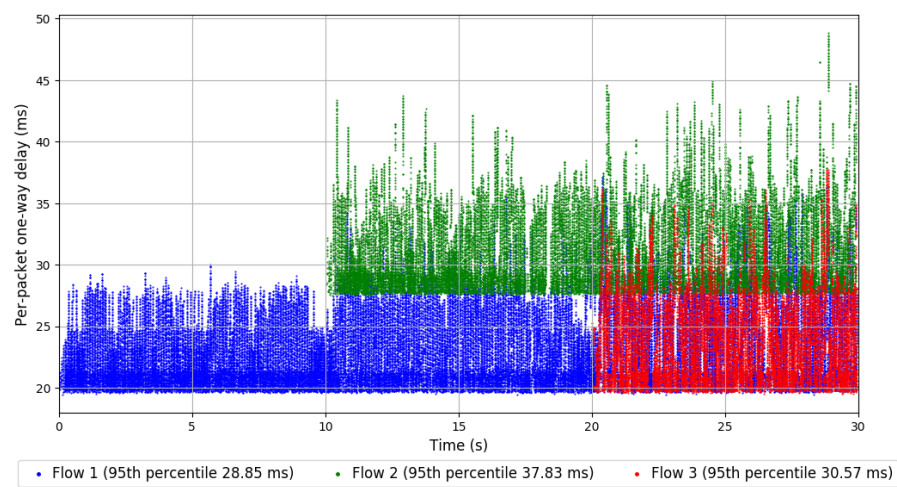
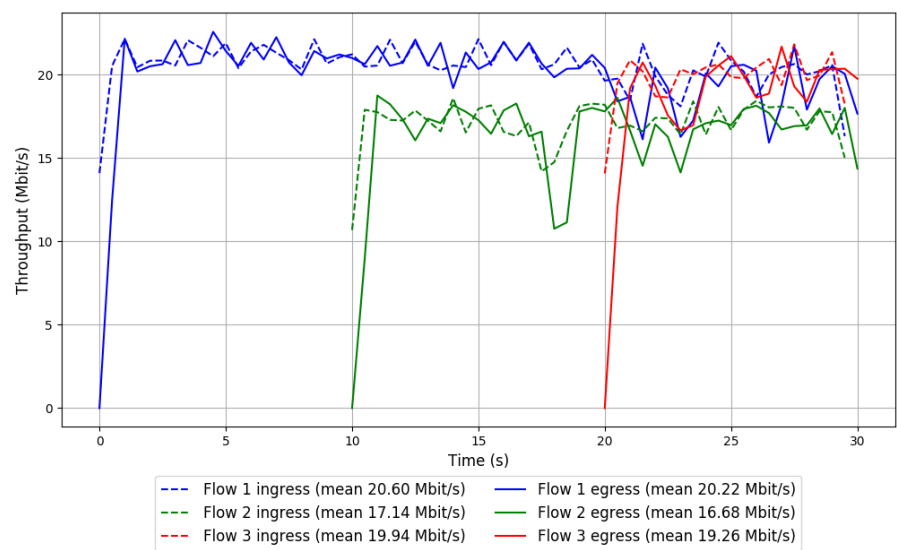


Run 9: Statistics of Sprout

Start at: 2018-08-09 13:35:36
End at: 2018-08-09 13:36:06
Local clock offset: -10.838 ms
Remote clock offset: -8.0 ms

Below is generated by plot.py at 2018-08-09 14:15:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 37.68 Mbit/s
95th percentile per-packet one-way delay: 34.875 ms
Loss rate: 2.34%
-- Flow 1:
Average throughput: 20.22 Mbit/s
95th percentile per-packet one-way delay: 28.849 ms
Loss rate: 1.82%
-- Flow 2:
Average throughput: 16.68 Mbit/s
95th percentile per-packet one-way delay: 37.825 ms
Loss rate: 2.70%
-- Flow 3:
Average throughput: 19.26 Mbit/s
95th percentile per-packet one-way delay: 30.573 ms
Loss rate: 3.36%

Run 9: Report of Sprout — Data Link

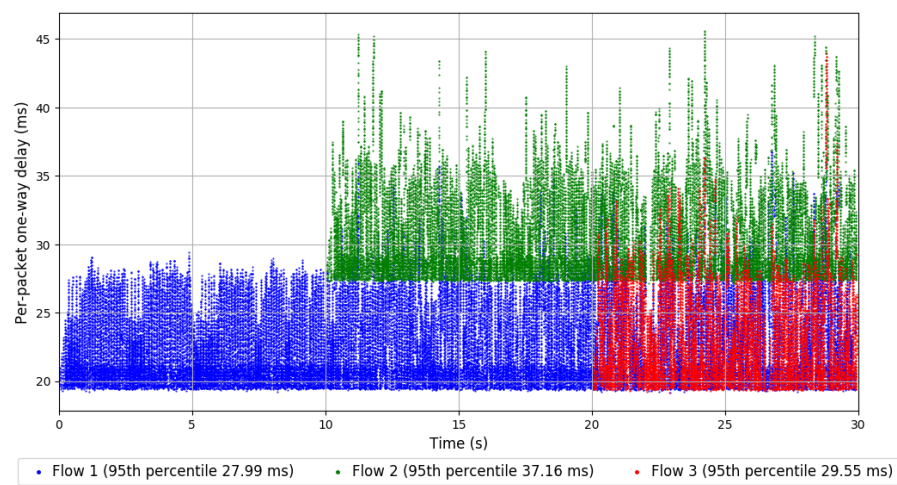
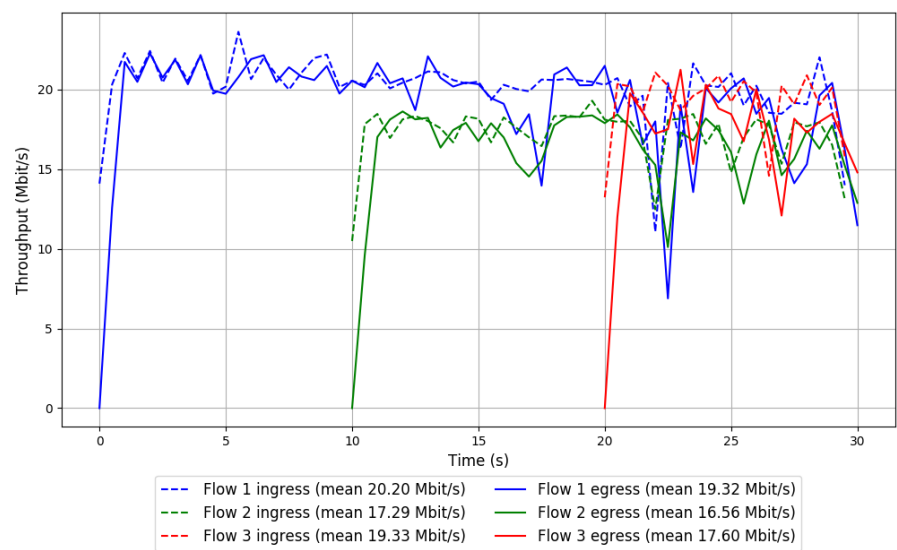


Run 10: Statistics of Sprout

Start at: 2018-08-09 13:55:05
End at: 2018-08-09 13:55:35
Local clock offset: -12.141 ms
Remote clock offset: -7.939 ms

Below is generated by plot.py at 2018-08-09 14:15:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 36.13 Mbit/s
95th percentile per-packet one-way delay: 34.370 ms
Loss rate: 5.05%
-- Flow 1:
Average throughput: 19.32 Mbit/s
95th percentile per-packet one-way delay: 27.990 ms
Loss rate: 4.31%
-- Flow 2:
Average throughput: 16.56 Mbit/s
95th percentile per-packet one-way delay: 37.161 ms
Loss rate: 4.20%
-- Flow 3:
Average throughput: 17.60 Mbit/s
95th percentile per-packet one-way delay: 29.553 ms
Loss rate: 8.88%

Run 10: Report of Sprout — Data Link

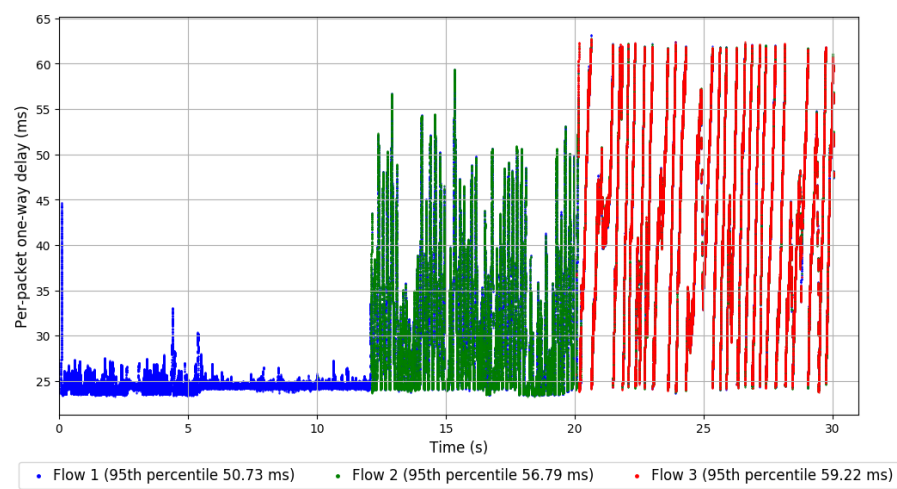
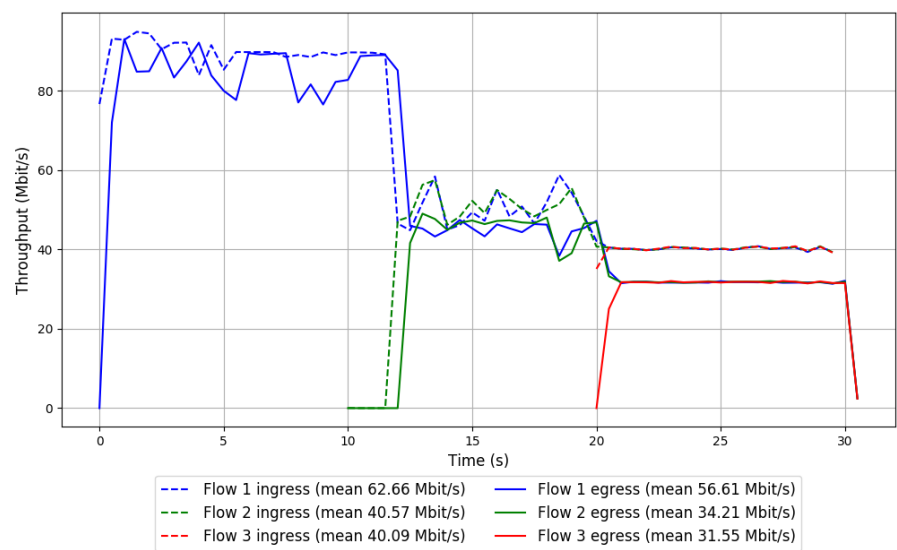


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-08-09 10:56:20
End at: 2018-08-09 10:56:50
Local clock offset: -10.719 ms
Remote clock offset: -7.157 ms

# Below is generated by plot.py at 2018-08-09 14:16:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 89.92 Mbit/s
95th percentile per-packet one-way delay: 55.213 ms
Loss rate: 12.64%
-- Flow 1:
Average throughput: 56.61 Mbit/s
95th percentile per-packet one-way delay: 50.729 ms
Loss rate: 9.58%
-- Flow 2:
Average throughput: 34.21 Mbit/s
95th percentile per-packet one-way delay: 56.791 ms
Loss rate: 15.57%
-- Flow 3:
Average throughput: 31.55 Mbit/s
95th percentile per-packet one-way delay: 59.224 ms
Loss rate: 21.12%
```

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

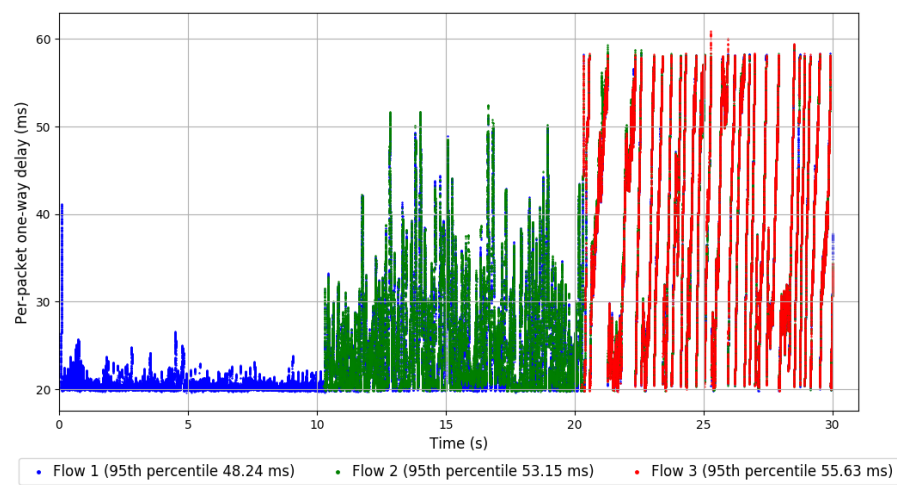
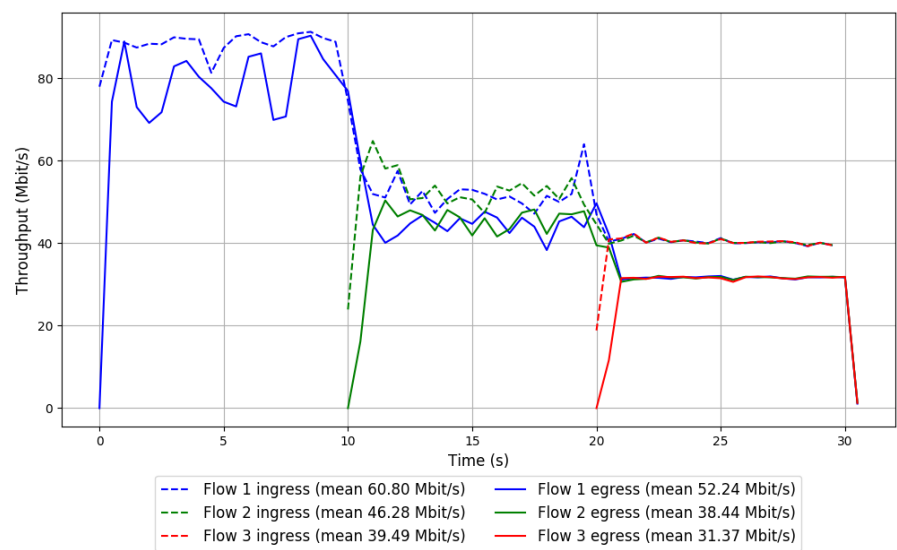


Run 2: Statistics of TaoVA-100x

Start at: 2018-08-09 11:15:40
End at: 2018-08-09 11:16:10
Local clock offset: -7.749 ms
Remote clock offset: -5.269 ms

Below is generated by plot.py at 2018-08-09 14:16:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.82 Mbit/s
95th percentile per-packet one-way delay: 52.293 ms
Loss rate: 16.14%
-- Flow 1:
Average throughput: 52.24 Mbit/s
95th percentile per-packet one-way delay: 48.240 ms
Loss rate: 14.05%
-- Flow 2:
Average throughput: 38.44 Mbit/s
95th percentile per-packet one-way delay: 53.152 ms
Loss rate: 17.72%
-- Flow 3:
Average throughput: 31.37 Mbit/s
95th percentile per-packet one-way delay: 55.630 ms
Loss rate: 22.06%

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

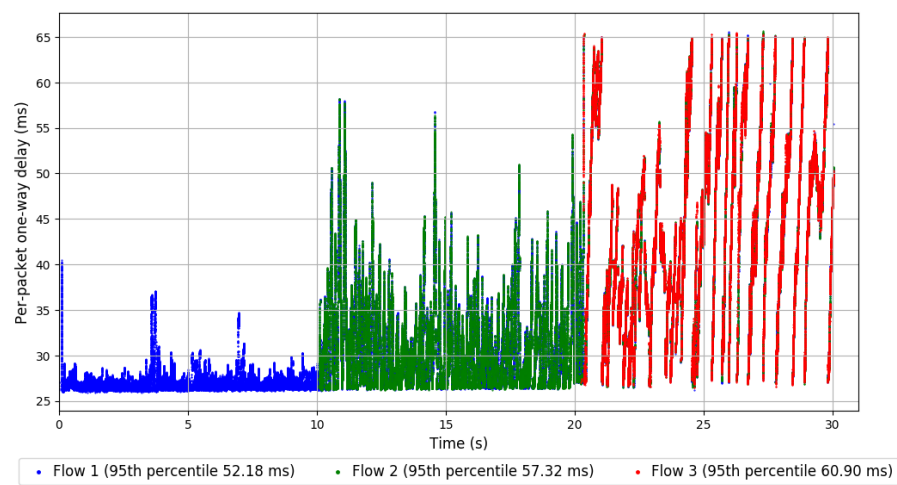
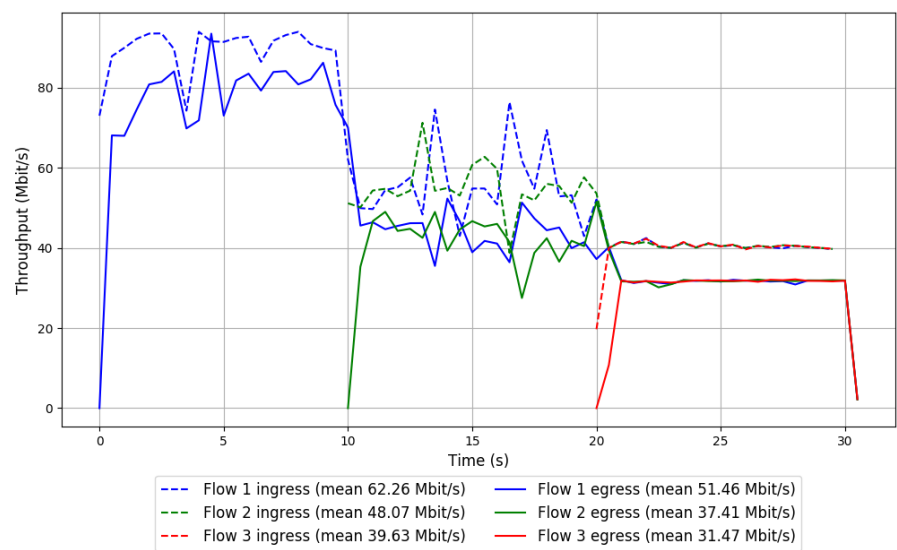


Run 3: Statistics of TaoVA-100x

Start at: 2018-08-09 11:35:16
End at: 2018-08-09 11:35:46
Local clock offset: -11.749 ms
Remote clock offset: -6.281 ms

Below is generated by plot.py at 2018-08-09 14:16:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.65 Mbit/s
95th percentile per-packet one-way delay: 56.544 ms
Loss rate: 19.30%
-- Flow 1:
Average throughput: 51.46 Mbit/s
95th percentile per-packet one-way delay: 52.182 ms
Loss rate: 17.28%
-- Flow 2:
Average throughput: 37.41 Mbit/s
95th percentile per-packet one-way delay: 57.321 ms
Loss rate: 22.10%
-- Flow 3:
Average throughput: 31.47 Mbit/s
95th percentile per-packet one-way delay: 60.903 ms
Loss rate: 22.04%

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

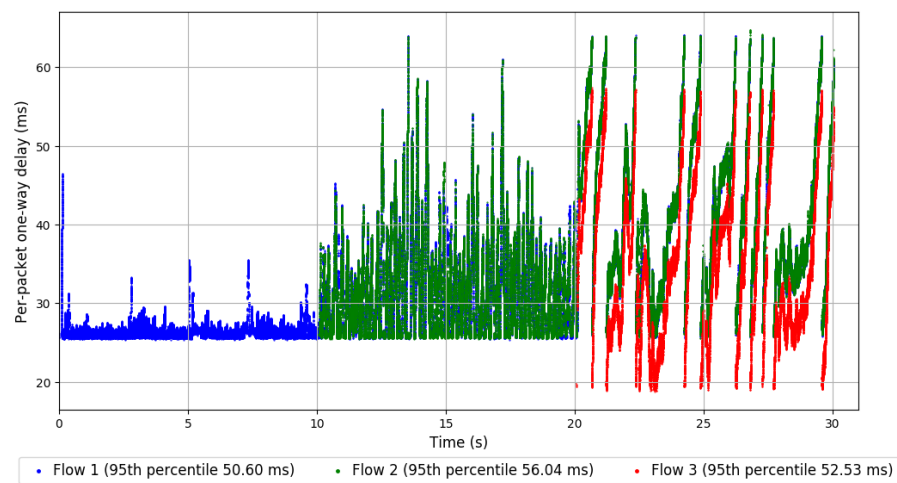
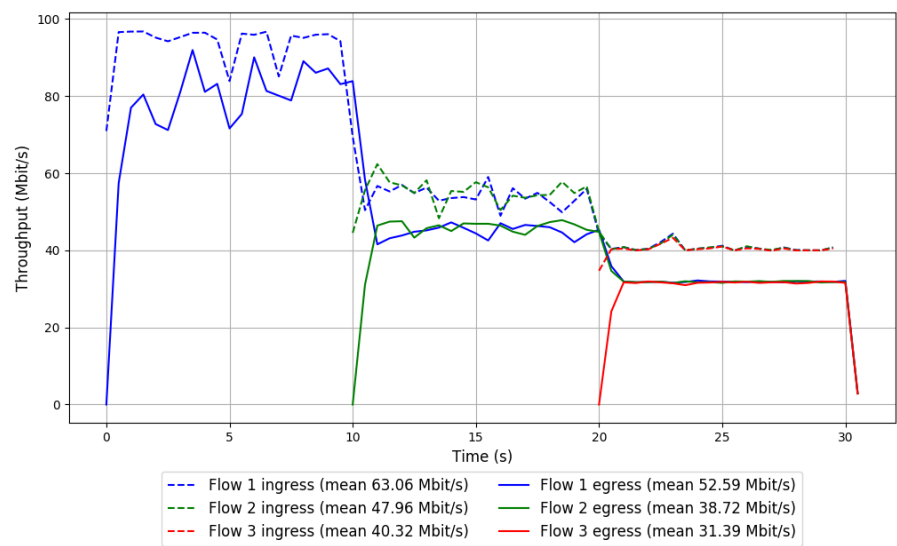


Run 4: Statistics of TaoVA-100x

Start at: 2018-08-09 11:54:59
End at: 2018-08-09 11:55:29
Local clock offset: -9.755 ms
Remote clock offset: -15.508 ms

Below is generated by plot.py at 2018-08-09 14:17:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.86 Mbit/s
95th percentile per-packet one-way delay: 52.813 ms
Loss rate: 17.96%
-- Flow 1:
Average throughput: 52.59 Mbit/s
95th percentile per-packet one-way delay: 50.598 ms
Loss rate: 16.53%
-- Flow 2:
Average throughput: 38.72 Mbit/s
95th percentile per-packet one-way delay: 56.041 ms
Loss rate: 19.14%
-- Flow 3:
Average throughput: 31.39 Mbit/s
95th percentile per-packet one-way delay: 52.530 ms
Loss rate: 21.88%

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

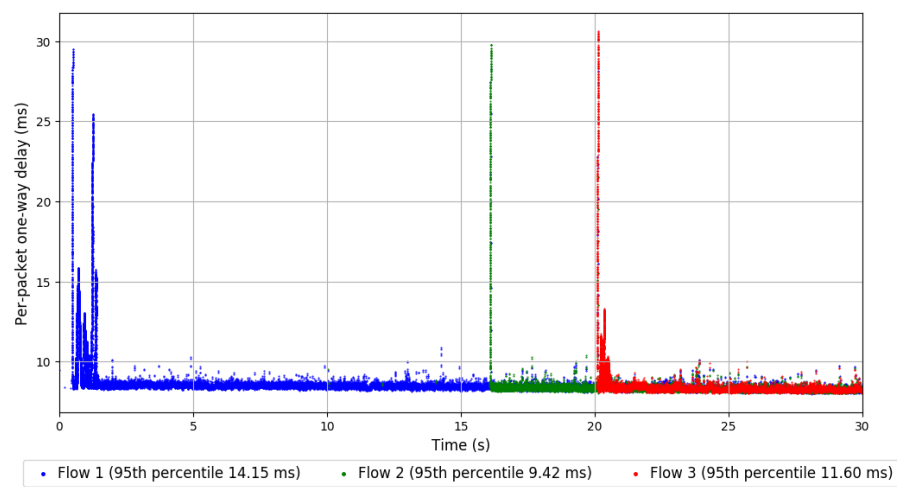
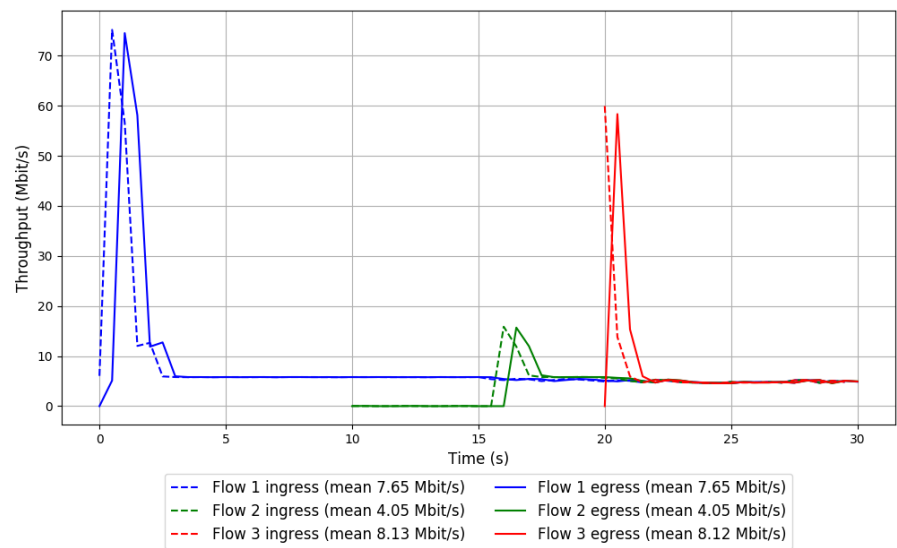


Run 5: Statistics of TaoVA-100x

Start at: 2018-08-09 12:14:41
End at: 2018-08-09 12:15:11
Local clock offset: 0.87 ms
Remote clock offset: -11.191 ms

Below is generated by plot.py at 2018-08-09 14:17:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 13.04 Mbit/s
95th percentile per-packet one-way delay: 13.259 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 7.65 Mbit/s
95th percentile per-packet one-way delay: 14.146 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 4.05 Mbit/s
95th percentile per-packet one-way delay: 9.423 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 8.12 Mbit/s
95th percentile per-packet one-way delay: 11.601 ms
Loss rate: 0.08%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-08-09 12:34:43

End at: 2018-08-09 12:35:13

Local clock offset: -2.422 ms

Remote clock offset: -4.44 ms

Below is generated by plot.py at 2018-08-09 14:17:14

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.68 Mbit/s

95th percentile per-packet one-way delay: 51.493 ms

Loss rate: 15.08%

-- Flow 1:

Average throughput: 53.56 Mbit/s

95th percentile per-packet one-way delay: 48.027 ms

Loss rate: 12.52%

-- Flow 2:

Average throughput: 38.82 Mbit/s

95th percentile per-packet one-way delay: 51.811 ms

Loss rate: 17.40%

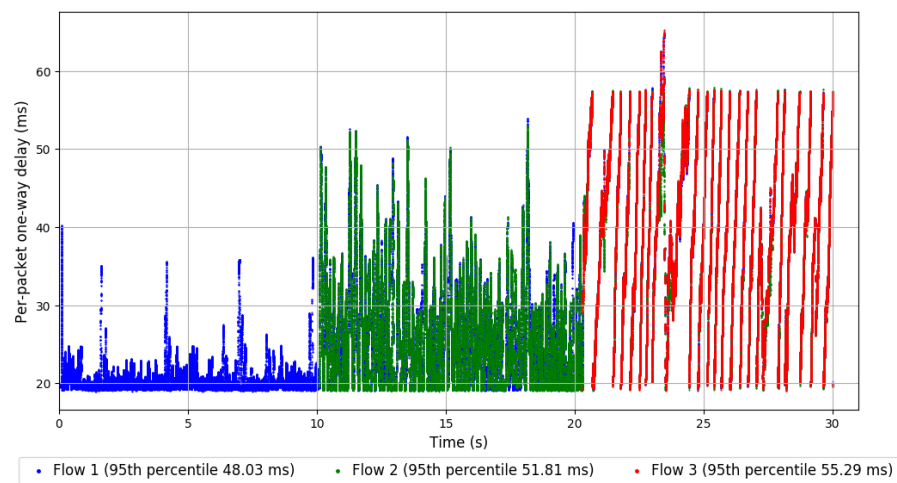
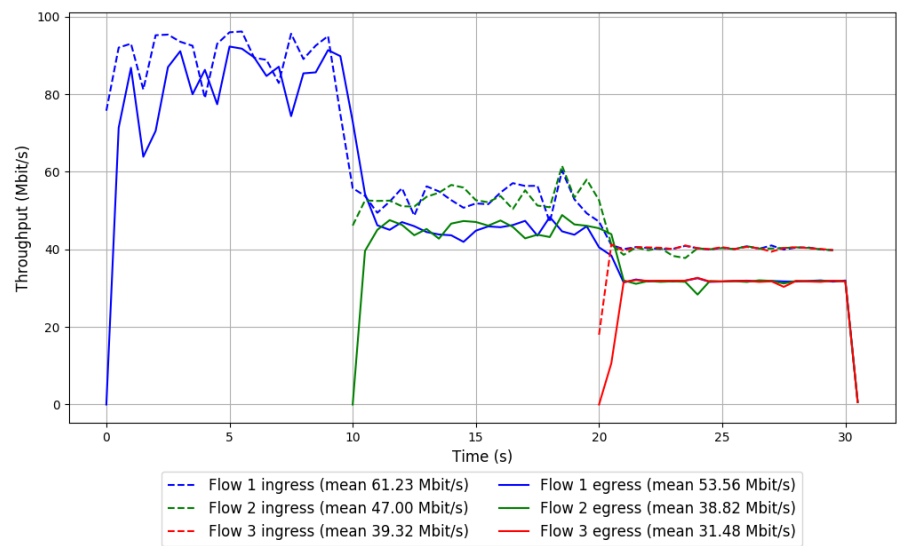
-- Flow 3:

Average throughput: 31.48 Mbit/s

95th percentile per-packet one-way delay: 55.290 ms

Loss rate: 21.55%

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

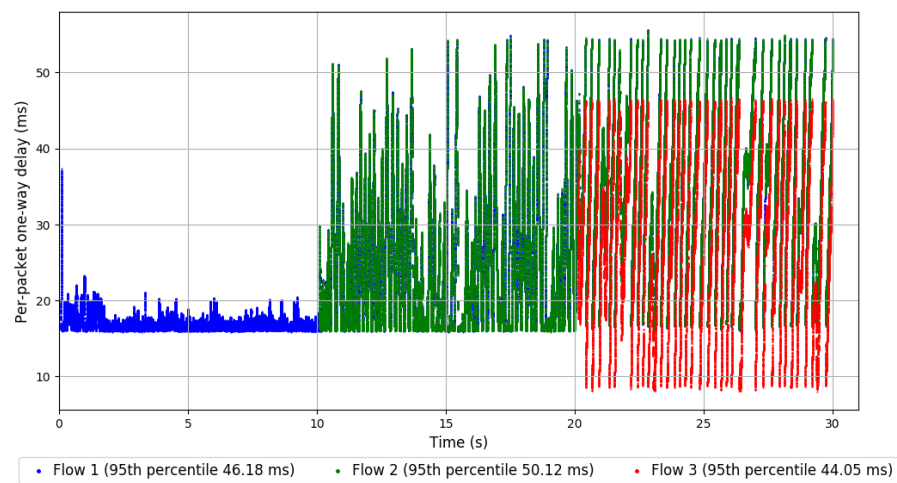
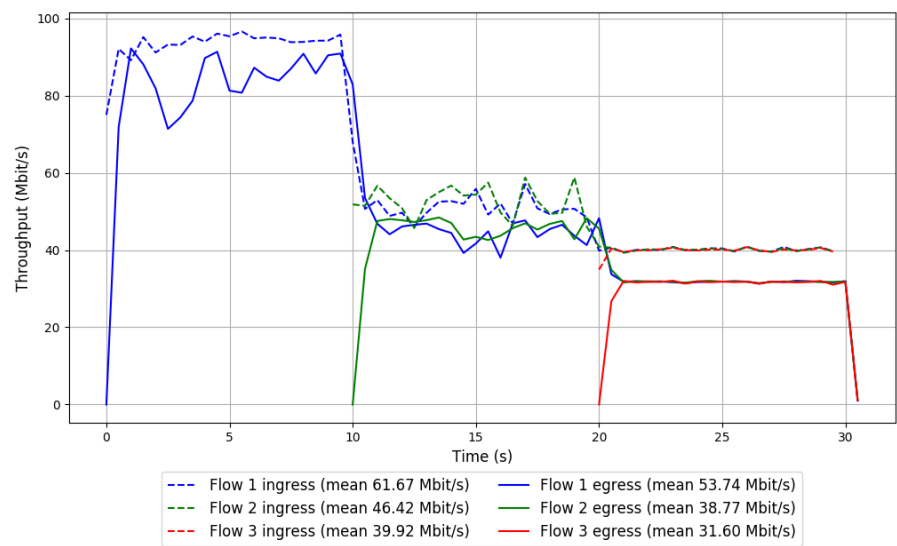


Run 7: Statistics of TaoVA-100x

Start at: 2018-08-09 12:54:07
End at: 2018-08-09 12:54:37
Local clock offset: 0.532 ms
Remote clock offset: -5.975 ms

Below is generated by plot.py at 2018-08-09 14:17:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.07 Mbit/s
95th percentile per-packet one-way delay: 47.445 ms
Loss rate: 14.89%
-- Flow 1:
Average throughput: 53.74 Mbit/s
95th percentile per-packet one-way delay: 46.179 ms
Loss rate: 12.83%
-- Flow 2:
Average throughput: 38.77 Mbit/s
95th percentile per-packet one-way delay: 50.121 ms
Loss rate: 16.44%
-- Flow 3:
Average throughput: 31.60 Mbit/s
95th percentile per-packet one-way delay: 44.048 ms
Loss rate: 20.81%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-08-09 13:13:54

End at: 2018-08-09 13:14:24

Local clock offset: 2.635 ms

Remote clock offset: -5.59 ms

Below is generated by plot.py at 2018-08-09 14:17:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.78 Mbit/s

95th percentile per-packet one-way delay: 47.860 ms

Loss rate: 13.43%

-- Flow 1:

Average throughput: 55.23 Mbit/s

95th percentile per-packet one-way delay: 45.384 ms

Loss rate: 10.32%

-- Flow 2:

Average throughput: 39.41 Mbit/s

95th percentile per-packet one-way delay: 48.657 ms

Loss rate: 16.17%

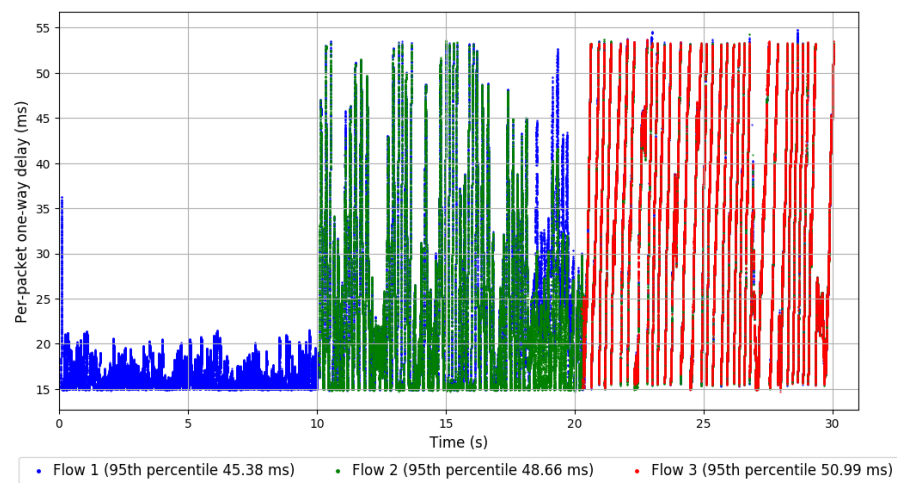
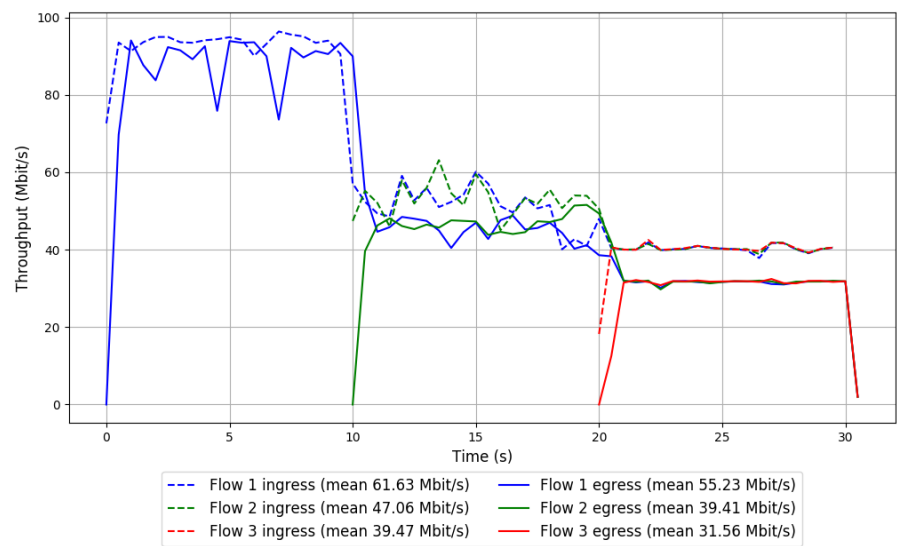
-- Flow 3:

Average throughput: 31.56 Mbit/s

95th percentile per-packet one-way delay: 50.990 ms

Loss rate: 21.50%

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

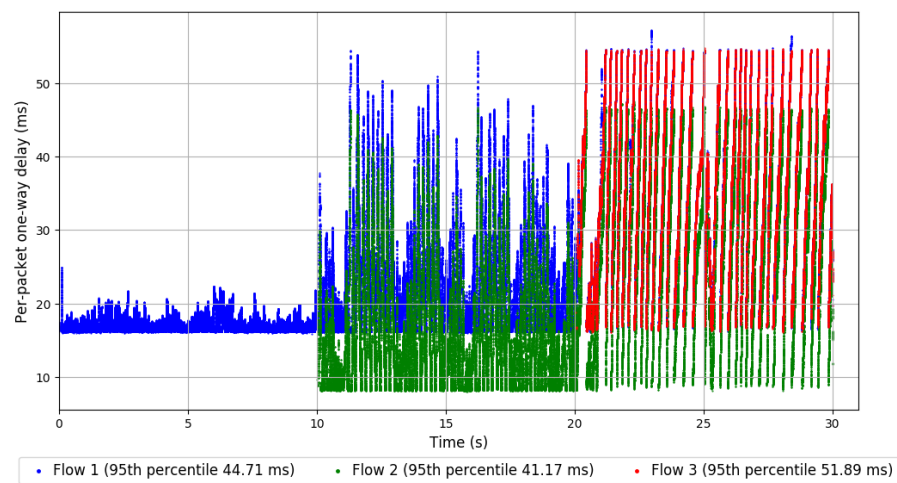
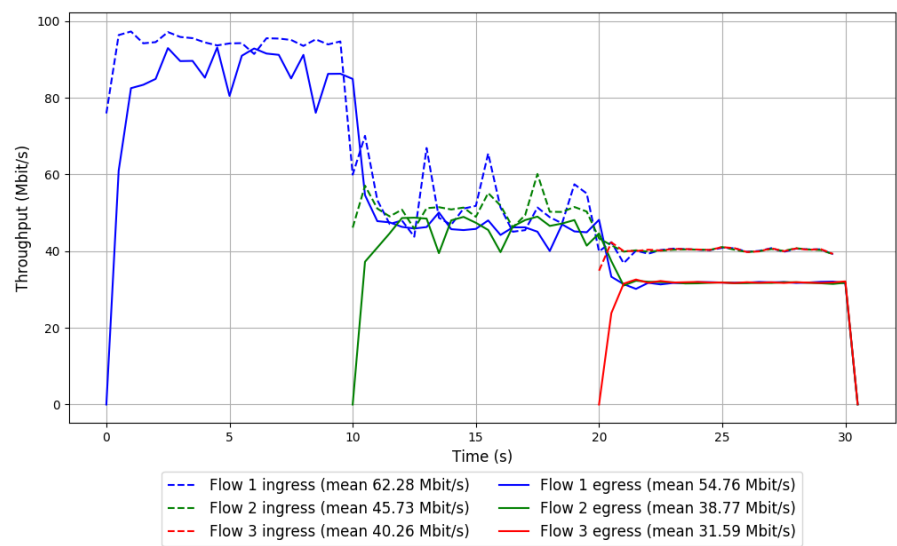


Run 9: Statistics of TaoVA-100x

Start at: 2018-08-09 13:33:16
End at: 2018-08-09 13:33:46
Local clock offset: 0.287 ms
Remote clock offset: -8.251 ms

Below is generated by plot.py at 2018-08-09 14:17:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.09 Mbit/s
95th percentile per-packet one-way delay: 45.755 ms
Loss rate: 14.18%
-- Flow 1:
Average throughput: 54.76 Mbit/s
95th percentile per-packet one-way delay: 44.706 ms
Loss rate: 12.08%
-- Flow 2:
Average throughput: 38.77 Mbit/s
95th percentile per-packet one-way delay: 41.172 ms
Loss rate: 15.22%
-- Flow 3:
Average throughput: 31.59 Mbit/s
95th percentile per-packet one-way delay: 51.891 ms
Loss rate: 21.58%

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

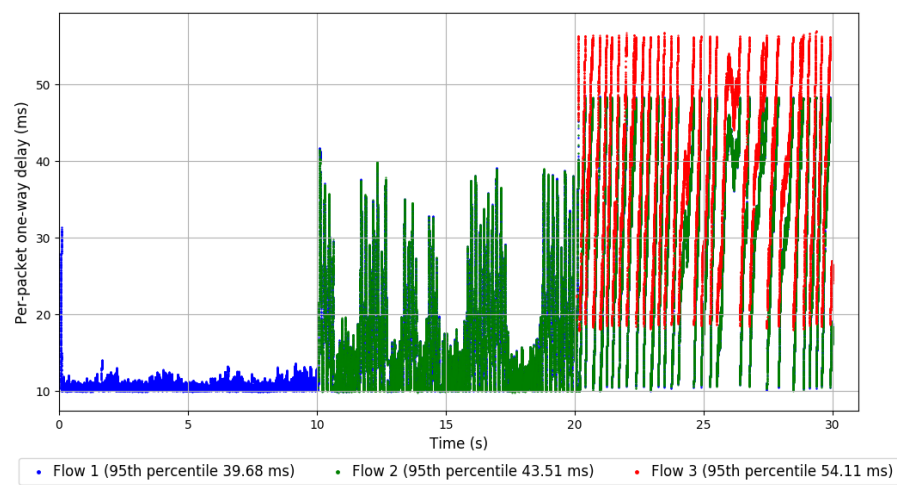
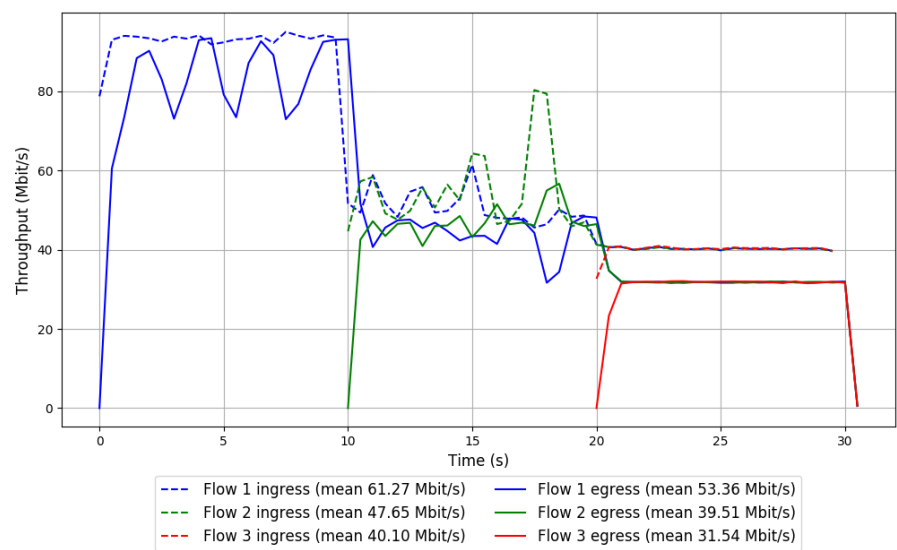


Run 10: Statistics of TaoVA-100x

Start at: 2018-08-09 13:52:45
End at: 2018-08-09 13:53:15
Local clock offset: -2.401 ms
Remote clock offset: -8.079 ms

Below is generated by plot.py at 2018-08-09 14:18:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.16 Mbit/s
95th percentile per-packet one-way delay: 45.598 ms
Loss rate: 15.19%
-- Flow 1:
Average throughput: 53.36 Mbit/s
95th percentile per-packet one-way delay: 39.680 ms
Loss rate: 12.90%
-- Flow 2:
Average throughput: 39.51 Mbit/s
95th percentile per-packet one-way delay: 43.512 ms
Loss rate: 17.04%
-- Flow 3:
Average throughput: 31.54 Mbit/s
95th percentile per-packet one-way delay: 54.112 ms
Loss rate: 21.34%

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



Run 1: Statistics of TCP Vegas

Start at: 2018-08-09 10:52:57

End at: 2018-08-09 10:53:27

Local clock offset: 4.183 ms

Remote clock offset: -7.18 ms

Below is generated by plot.py at 2018-08-09 14:18:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 41.90 Mbit/s

95th percentile per-packet one-way delay: 13.618 ms

Loss rate: 0.45%

-- Flow 1:

Average throughput: 25.15 Mbit/s

95th percentile per-packet one-way delay: 16.813 ms

Loss rate: 0.64%

-- Flow 2:

Average throughput: 19.24 Mbit/s

95th percentile per-packet one-way delay: 10.540 ms

Loss rate: 0.11%

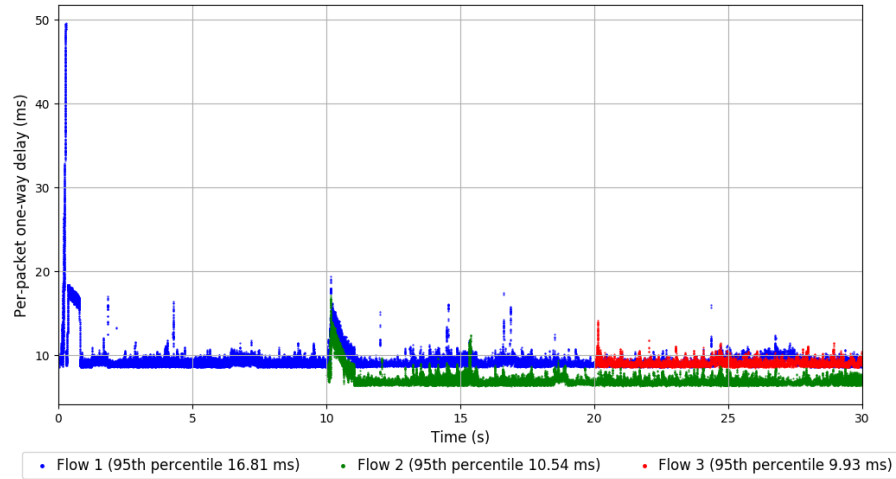
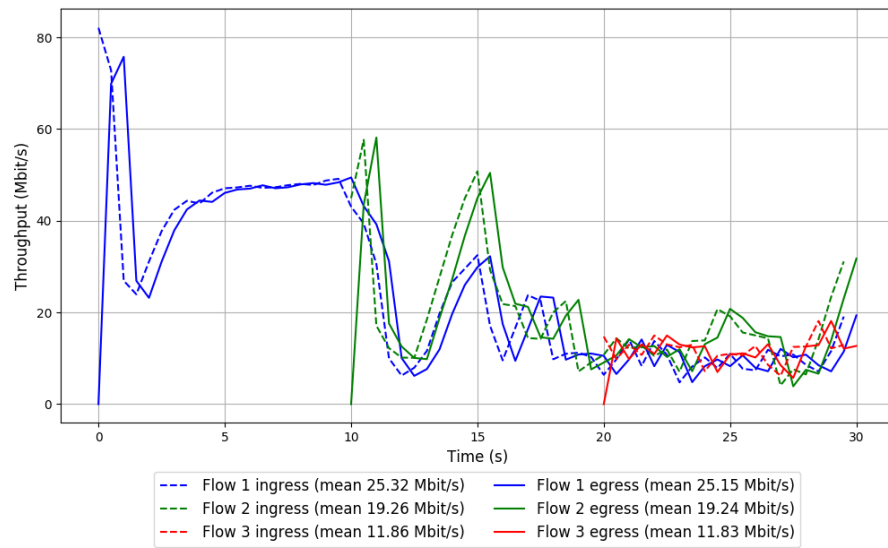
-- Flow 3:

Average throughput: 11.83 Mbit/s

95th percentile per-packet one-way delay: 9.926 ms

Loss rate: 0.30%

Run 1: Report of TCP Vegas — Data Link

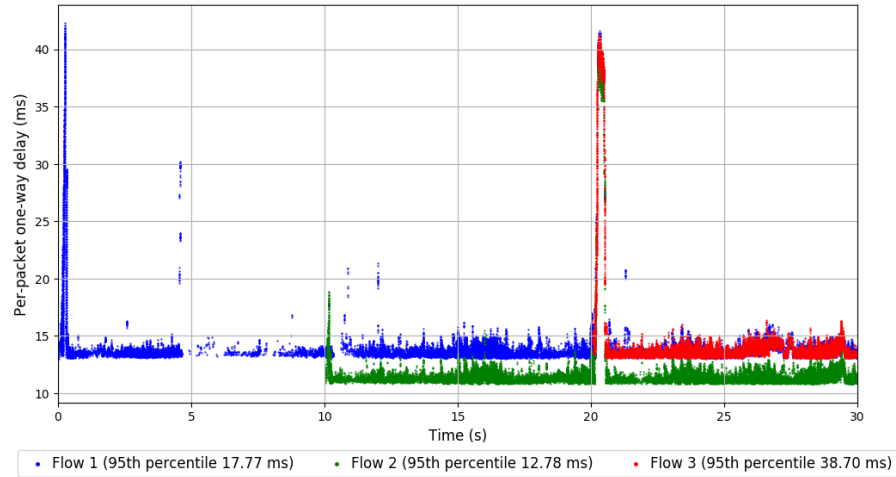
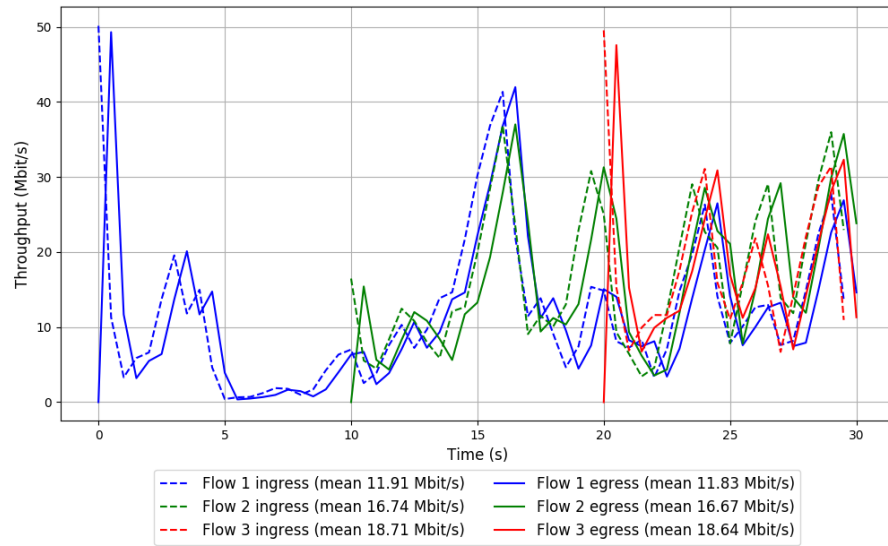


Run 2: Statistics of TCP Vegas

Start at: 2018-08-09 11:12:14
End at: 2018-08-09 11:12:44
Local clock offset: -0.505 ms
Remote clock offset: -5.105 ms

Below is generated by plot.py at 2018-08-09 14:18:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.12 Mbit/s
95th percentile per-packet one-way delay: 20.535 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 11.83 Mbit/s
95th percentile per-packet one-way delay: 17.772 ms
Loss rate: 0.74%
-- Flow 2:
Average throughput: 16.67 Mbit/s
95th percentile per-packet one-way delay: 12.776 ms
Loss rate: 0.44%
-- Flow 3:
Average throughput: 18.64 Mbit/s
95th percentile per-packet one-way delay: 38.701 ms
Loss rate: 0.57%

Run 2: Report of TCP Vegas — Data Link

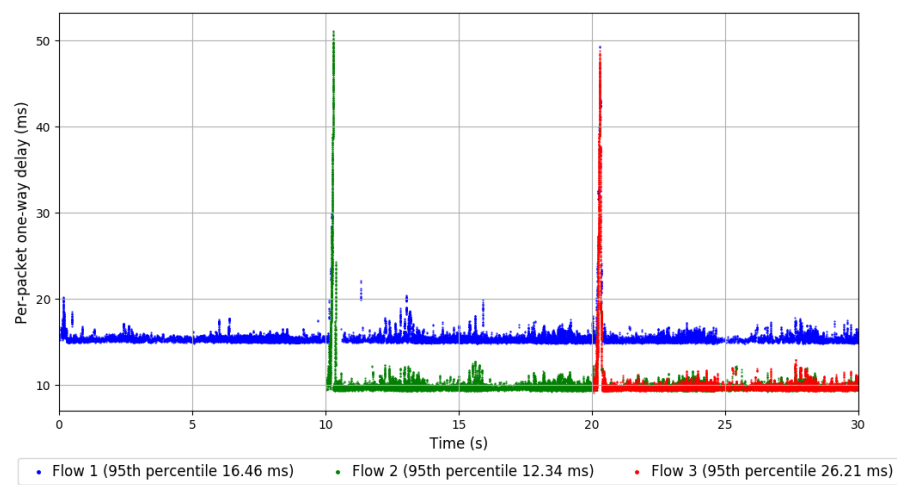
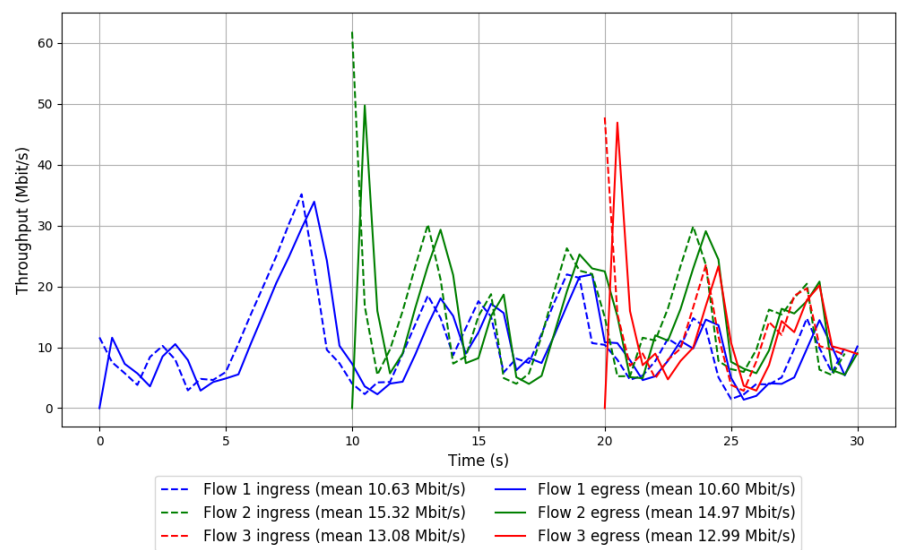


Run 3: Statistics of TCP Vegas

Start at: 2018-08-09 11:31:47
End at: 2018-08-09 11:32:17
Local clock offset: 0.357 ms
Remote clock offset: -3.372 ms

Below is generated by plot.py at 2018-08-09 14:18:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 24.89 Mbit/s
95th percentile per-packet one-way delay: 16.547 ms
Loss rate: 1.22%
-- Flow 1:
Average throughput: 10.60 Mbit/s
95th percentile per-packet one-way delay: 16.457 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 14.97 Mbit/s
95th percentile per-packet one-way delay: 12.344 ms
Loss rate: 2.27%
-- Flow 3:
Average throughput: 12.99 Mbit/s
95th percentile per-packet one-way delay: 26.206 ms
Loss rate: 0.67%

Run 3: Report of TCP Vegas — Data Link

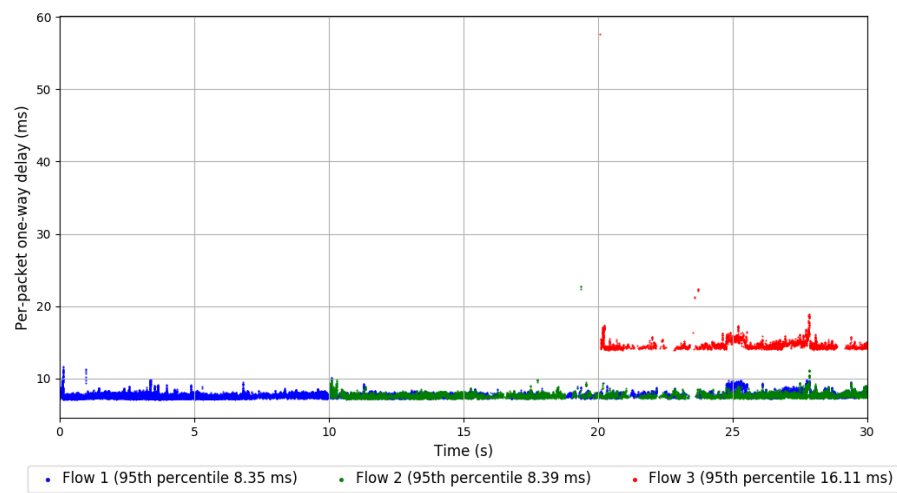
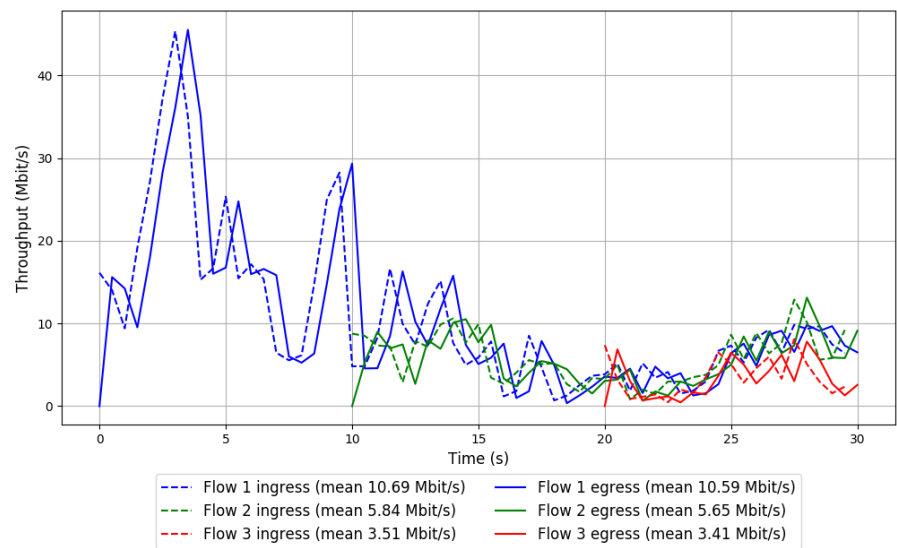


Run 4: Statistics of TCP Vegas

Start at: 2018-08-09 11:51:31
End at: 2018-08-09 11:52:01
Local clock offset: 1.934 ms
Remote clock offset: -14.692 ms

Below is generated by plot.py at 2018-08-09 14:18:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 15.48 Mbit/s
95th percentile per-packet one-way delay: 14.374 ms
Loss rate: 1.70%
-- Flow 1:
Average throughput: 10.59 Mbit/s
95th percentile per-packet one-way delay: 8.352 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 5.65 Mbit/s
95th percentile per-packet one-way delay: 8.395 ms
Loss rate: 3.22%
-- Flow 3:
Average throughput: 3.41 Mbit/s
95th percentile per-packet one-way delay: 16.110 ms
Loss rate: 3.19%

Run 4: Report of TCP Vegas — Data Link

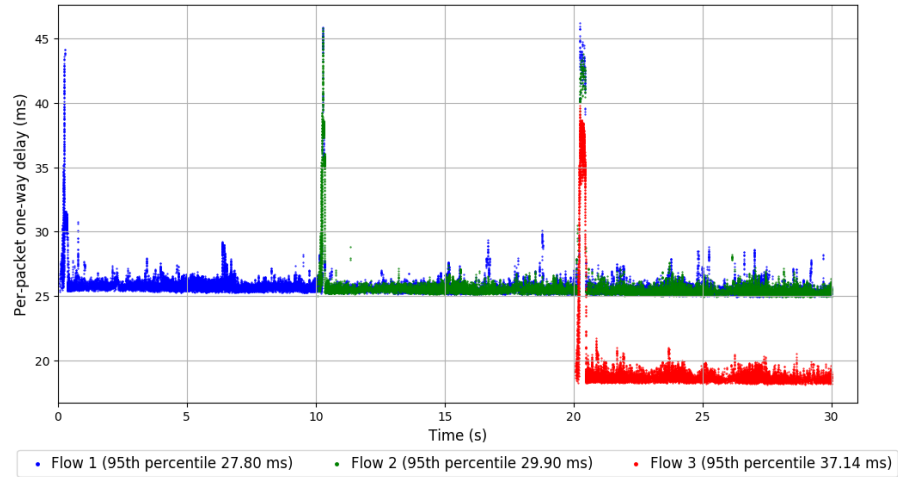
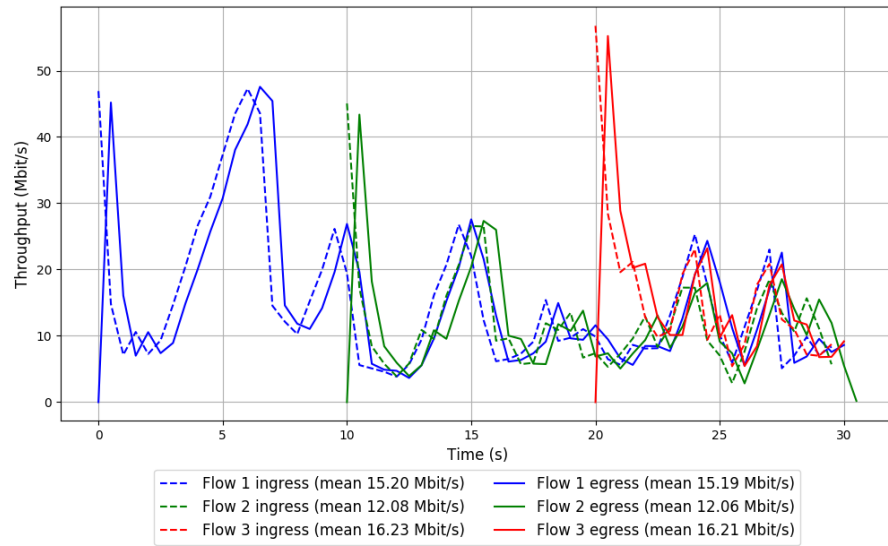


Run 5: Statistics of TCP Vegas

Start at: 2018-08-09 12:10:53
End at: 2018-08-09 12:11:23
Local clock offset: -9.116 ms
Remote clock offset: -14.023 ms

Below is generated by plot.py at 2018-08-09 14:18:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 28.60 Mbit/s
95th percentile per-packet one-way delay: 30.847 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 15.19 Mbit/s
95th percentile per-packet one-way delay: 27.799 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 12.06 Mbit/s
95th percentile per-packet one-way delay: 29.901 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 16.21 Mbit/s
95th percentile per-packet one-way delay: 37.137 ms
Loss rate: 0.19%

Run 5: Report of TCP Vegas — Data Link

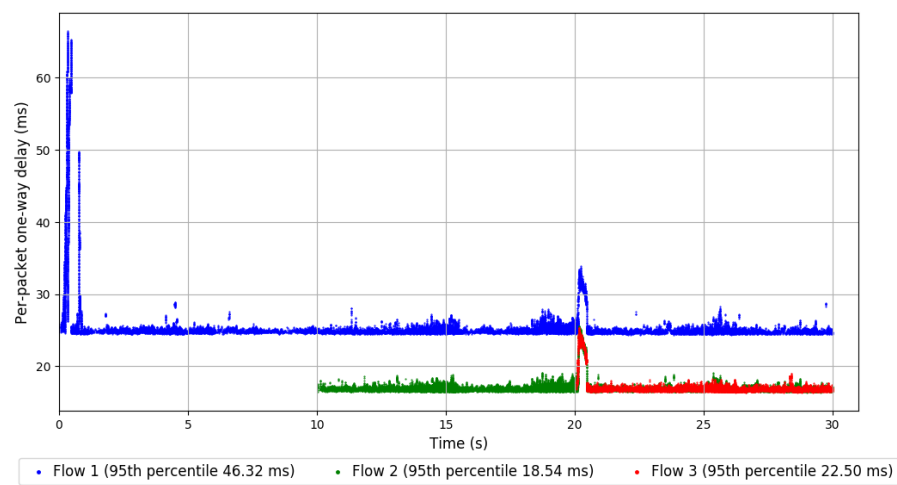
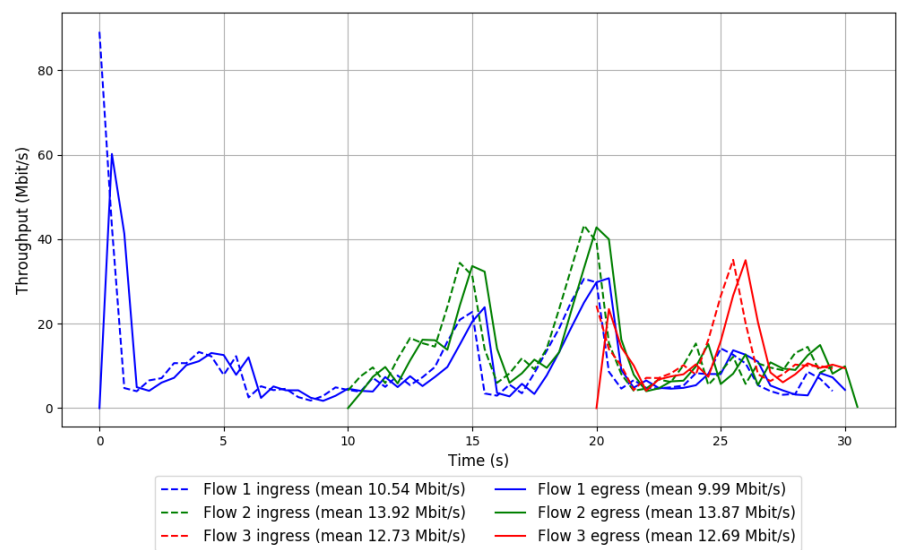


Run 6: Statistics of TCP Vegas

Start at: 2018-08-09 12:31:18
End at: 2018-08-09 12:31:48
Local clock offset: -7.974 ms
Remote clock offset: -5.184 ms

Below is generated by plot.py at 2018-08-09 14:18:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 23.44 Mbit/s
95th percentile per-packet one-way delay: 29.903 ms
Loss rate: 2.47%
-- Flow 1:
Average throughput: 9.99 Mbit/s
95th percentile per-packet one-way delay: 46.316 ms
Loss rate: 5.20%
-- Flow 2:
Average throughput: 13.87 Mbit/s
95th percentile per-packet one-way delay: 18.543 ms
Loss rate: 0.35%
-- Flow 3:
Average throughput: 12.69 Mbit/s
95th percentile per-packet one-way delay: 22.497 ms
Loss rate: 0.33%

Run 6: Report of TCP Vegas — Data Link

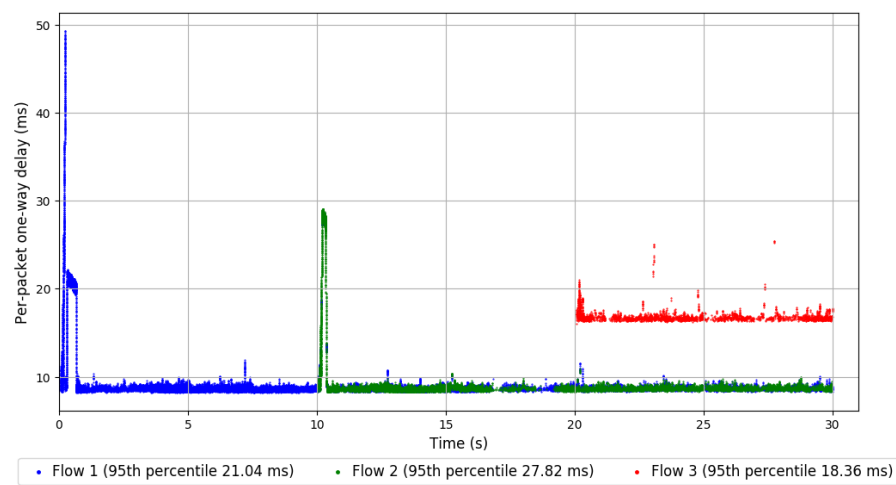
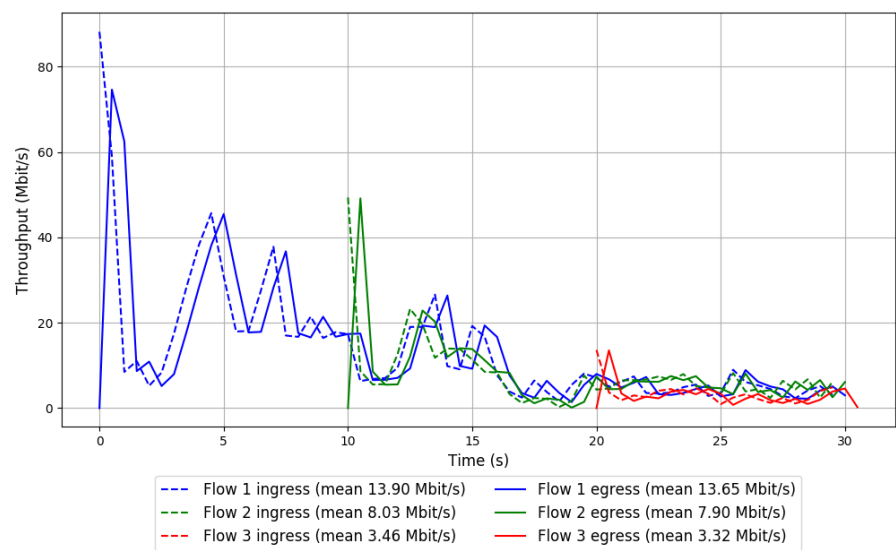


Run 7: Statistics of TCP Vegas

Start at: 2018-08-09 12:50:39
End at: 2018-08-09 12:51:09
Local clock offset: 0.75 ms
Remote clock offset: -4.977 ms

Below is generated by plot.py at 2018-08-09 14:18:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 20.00 Mbit/s
95th percentile per-packet one-way delay: 21.273 ms
Loss rate: 1.88%
-- Flow 1:
Average throughput: 13.65 Mbit/s
95th percentile per-packet one-way delay: 21.040 ms
Loss rate: 1.84%
-- Flow 2:
Average throughput: 7.90 Mbit/s
95th percentile per-packet one-way delay: 27.821 ms
Loss rate: 1.52%
-- Flow 3:
Average throughput: 3.32 Mbit/s
95th percentile per-packet one-way delay: 18.361 ms
Loss rate: 4.04%

Run 7: Report of TCP Vegas — Data Link

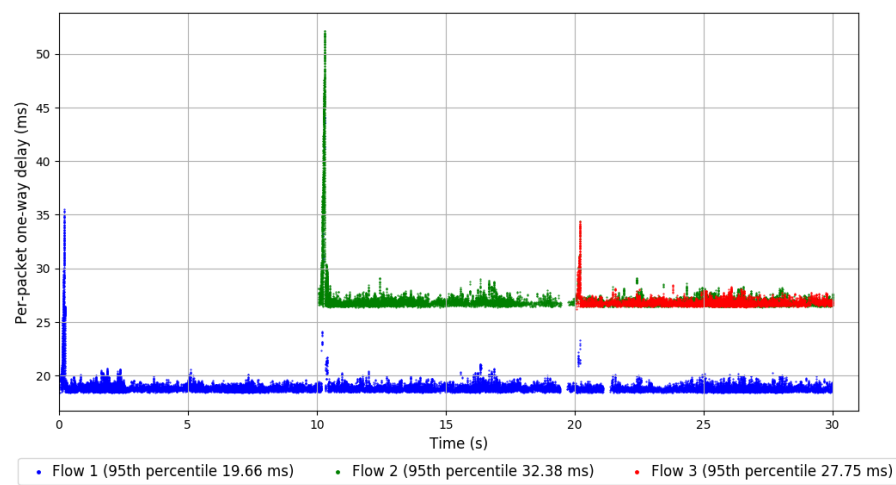
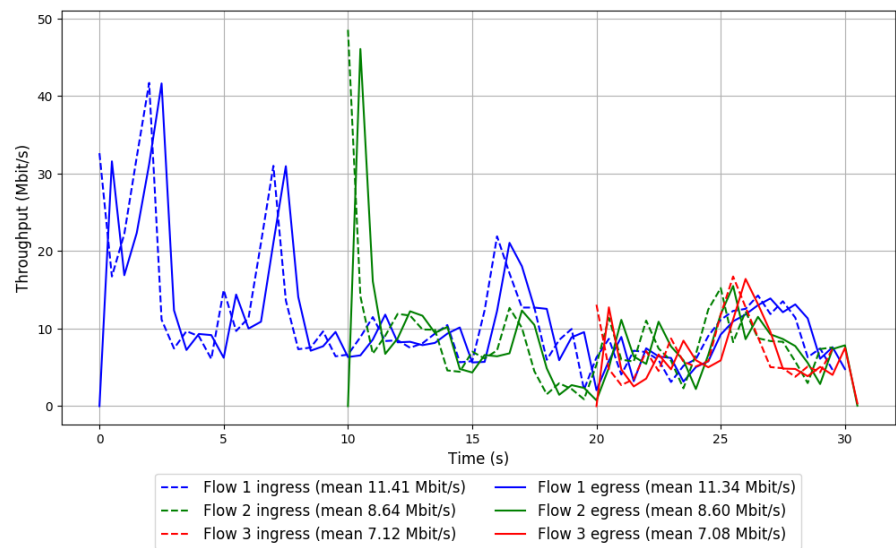


Run 8: Statistics of TCP Vegas

Start at: 2018-08-09 13:10:29
End at: 2018-08-09 13:10:59
Local clock offset: -14.854 ms
Remote clock offset: -11.525 ms

Below is generated by plot.py at 2018-08-09 14:18:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 19.41 Mbit/s
95th percentile per-packet one-way delay: 27.647 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 11.34 Mbit/s
95th percentile per-packet one-way delay: 19.660 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 8.60 Mbit/s
95th percentile per-packet one-way delay: 32.380 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 7.08 Mbit/s
95th percentile per-packet one-way delay: 27.750 ms
Loss rate: 0.56%

Run 8: Report of TCP Vegas — Data Link

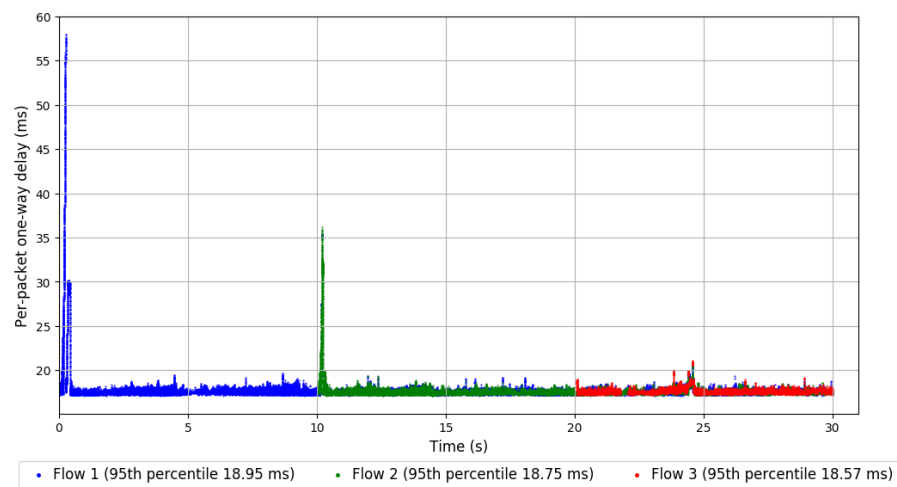
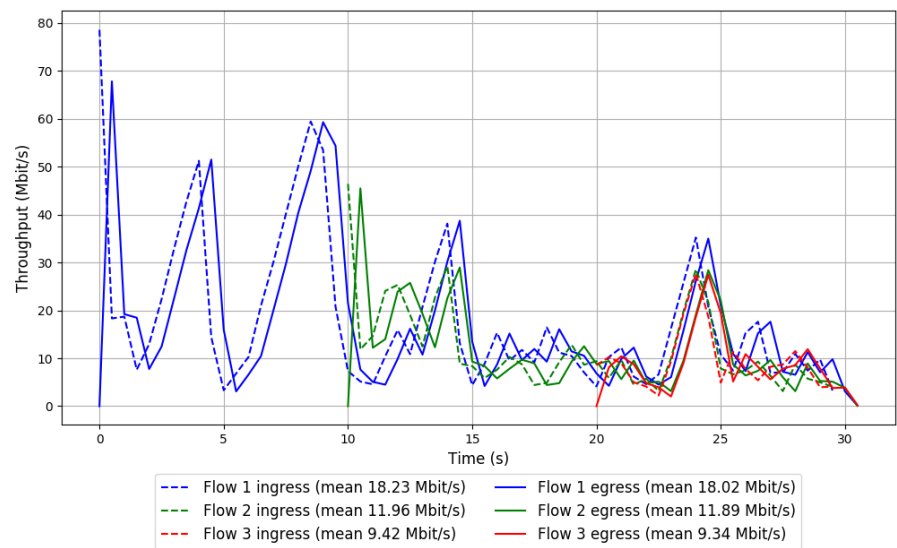


Run 9: Statistics of TCP Vegas

Start at: 2018-08-09 13:29:46
End at: 2018-08-09 13:30:16
Local clock offset: -8.227 ms
Remote clock offset: -7.585 ms

Below is generated by plot.py at 2018-08-09 14:18:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 29.05 Mbit/s
95th percentile per-packet one-way delay: 18.771 ms
Loss rate: 0.95%
-- Flow 1:
Average throughput: 18.02 Mbit/s
95th percentile per-packet one-way delay: 18.955 ms
Loss rate: 1.14%
-- Flow 2:
Average throughput: 11.89 Mbit/s
95th percentile per-packet one-way delay: 18.749 ms
Loss rate: 0.54%
-- Flow 3:
Average throughput: 9.34 Mbit/s
95th percentile per-packet one-way delay: 18.566 ms
Loss rate: 0.83%

Run 9: Report of TCP Vegas — Data Link

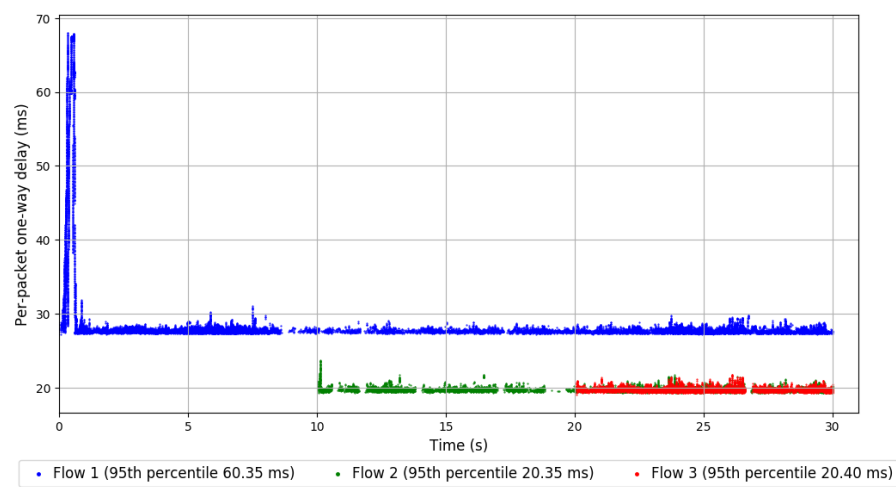
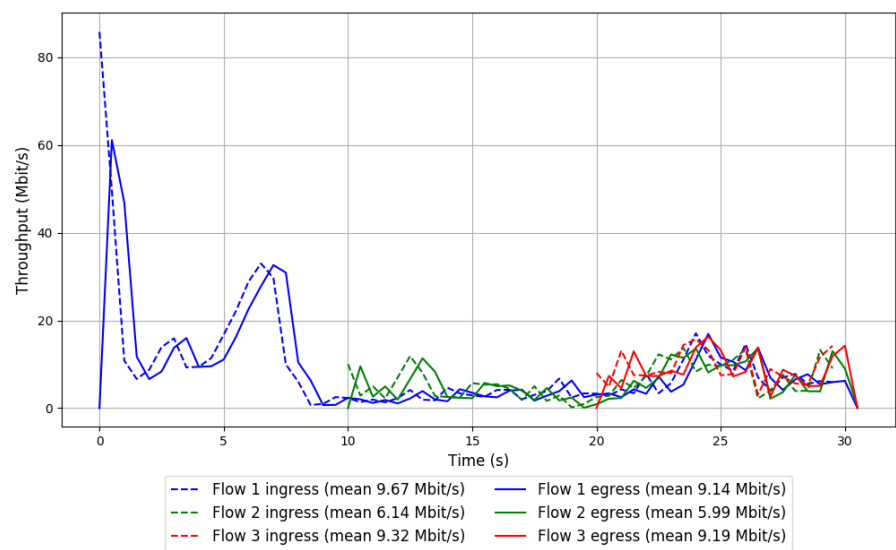


Run 10: Statistics of TCP Vegas

Start at: 2018-08-09 13:49:20
End at: 2018-08-09 13:49:50
Local clock offset: -10.953 ms
Remote clock offset: -7.907 ms

Below is generated by plot.py at 2018-08-09 14:18:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.18 Mbit/s
95th percentile per-packet one-way delay: 49.240 ms
Loss rate: 4.04%
-- Flow 1:
Average throughput: 9.14 Mbit/s
95th percentile per-packet one-way delay: 60.350 ms
Loss rate: 5.53%
-- Flow 2:
Average throughput: 5.99 Mbit/s
95th percentile per-packet one-way delay: 20.347 ms
Loss rate: 2.54%
-- Flow 3:
Average throughput: 9.19 Mbit/s
95th percentile per-packet one-way delay: 20.396 ms
Loss rate: 1.38%

Run 10: Report of TCP Vegas — Data Link

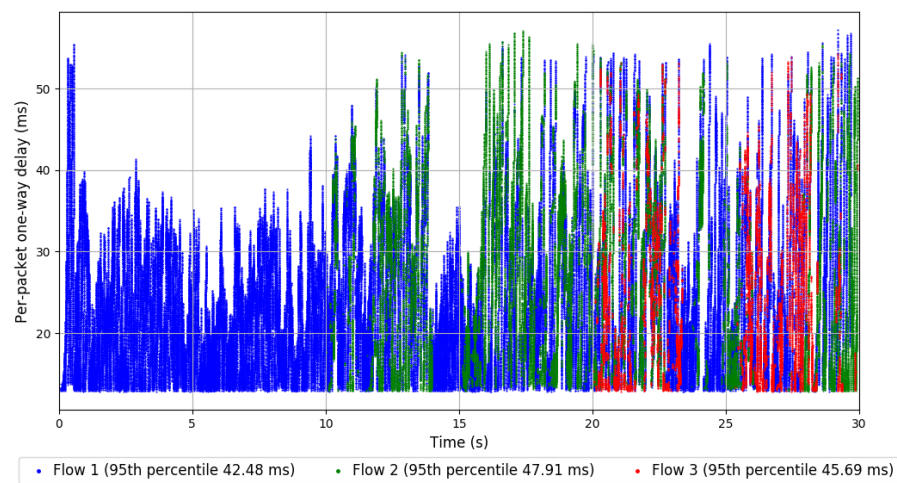
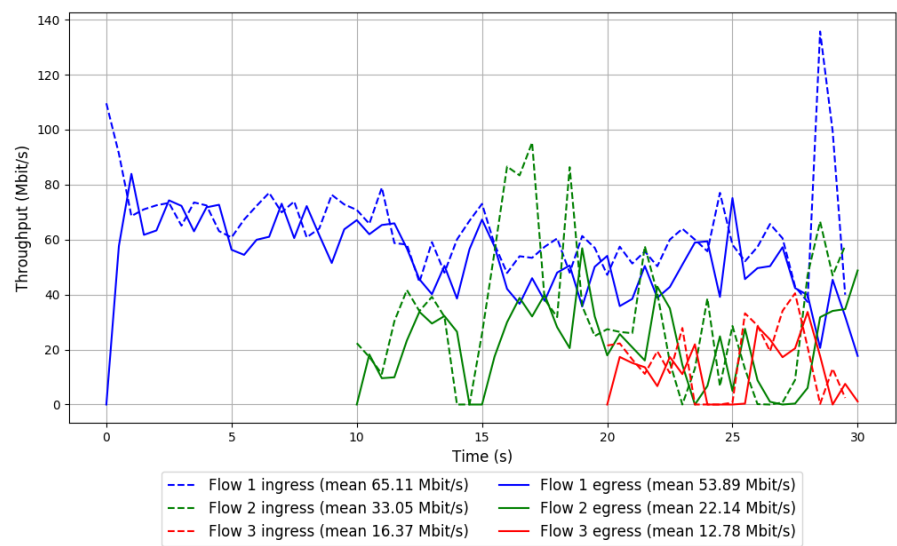


Run 1: Statistics of Verus

Start at: 2018-08-09 10:51:48
End at: 2018-08-09 10:52:18
Local clock offset: -0.85 ms
Remote clock offset: -7.965 ms

Below is generated by plot.py at 2018-08-09 14:18:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.39 Mbit/s
95th percentile per-packet one-way delay: 44.562 ms
Loss rate: 21.22%
-- Flow 1:
Average throughput: 53.89 Mbit/s
95th percentile per-packet one-way delay: 42.478 ms
Loss rate: 17.21%
-- Flow 2:
Average throughput: 22.14 Mbit/s
95th percentile per-packet one-way delay: 47.915 ms
Loss rate: 32.90%
-- Flow 3:
Average throughput: 12.78 Mbit/s
95th percentile per-packet one-way delay: 45.694 ms
Loss rate: 21.73%

Run 1: Report of Verus — Data Link

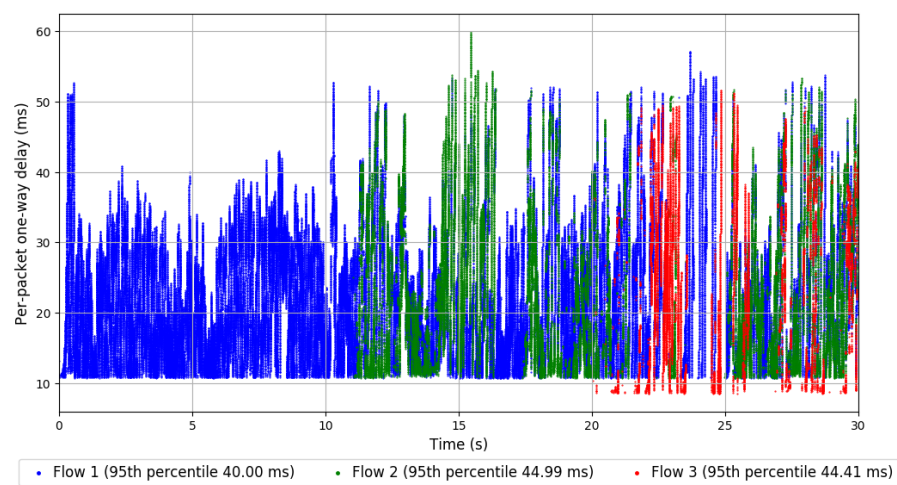
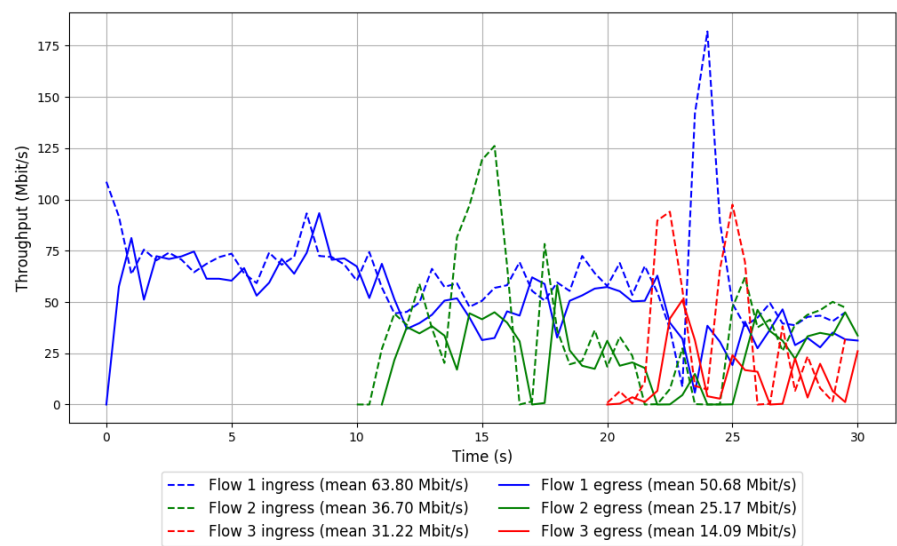


Run 2: Statistics of Verus

Start at: 2018-08-09 11:11:04
End at: 2018-08-09 11:11:34
Local clock offset: 0.967 ms
Remote clock offset: -6.026 ms

Below is generated by plot.py at 2018-08-09 14:18:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.25 Mbit/s
95th percentile per-packet one-way delay: 42.410 ms
Loss rate: 27.62%
-- Flow 1:
Average throughput: 50.68 Mbit/s
95th percentile per-packet one-way delay: 40.004 ms
Loss rate: 20.49%
-- Flow 2:
Average throughput: 25.17 Mbit/s
95th percentile per-packet one-way delay: 44.987 ms
Loss rate: 34.78%
-- Flow 3:
Average throughput: 14.09 Mbit/s
95th percentile per-packet one-way delay: 44.407 ms
Loss rate: 54.74%

Run 2: Report of Verus — Data Link

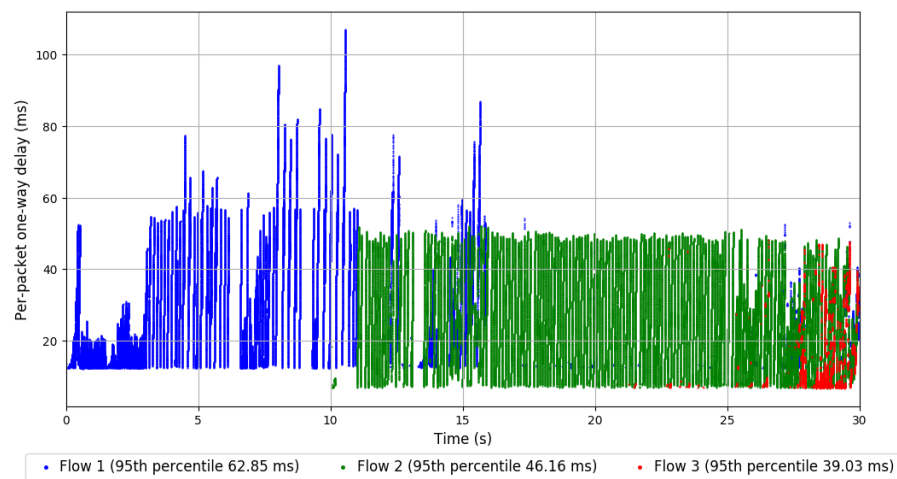
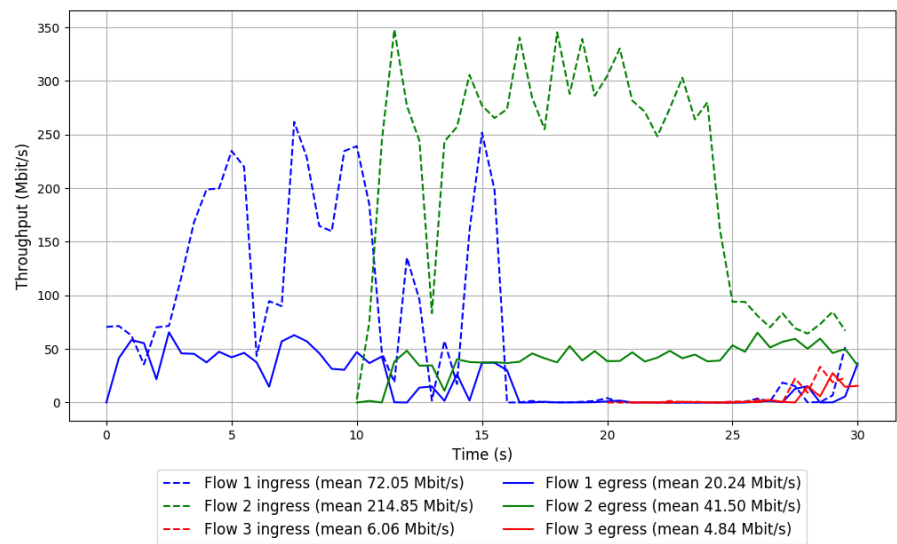


Run 3: Statistics of Verus

Start at: 2018-08-09 11:30:34
End at: 2018-08-09 11:31:04
Local clock offset: 1.878 ms
Remote clock offset: -4.605 ms

Below is generated by plot.py at 2018-08-09 14:18:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.20 Mbit/s
95th percentile per-packet one-way delay: 52.574 ms
Loss rate: 77.27%
-- Flow 1:
Average throughput: 20.24 Mbit/s
95th percentile per-packet one-way delay: 62.852 ms
Loss rate: 71.90%
-- Flow 2:
Average throughput: 41.50 Mbit/s
95th percentile per-packet one-way delay: 46.162 ms
Loss rate: 80.66%
-- Flow 3:
Average throughput: 4.84 Mbit/s
95th percentile per-packet one-way delay: 39.035 ms
Loss rate: 28.12%

Run 3: Report of Verus — Data Link

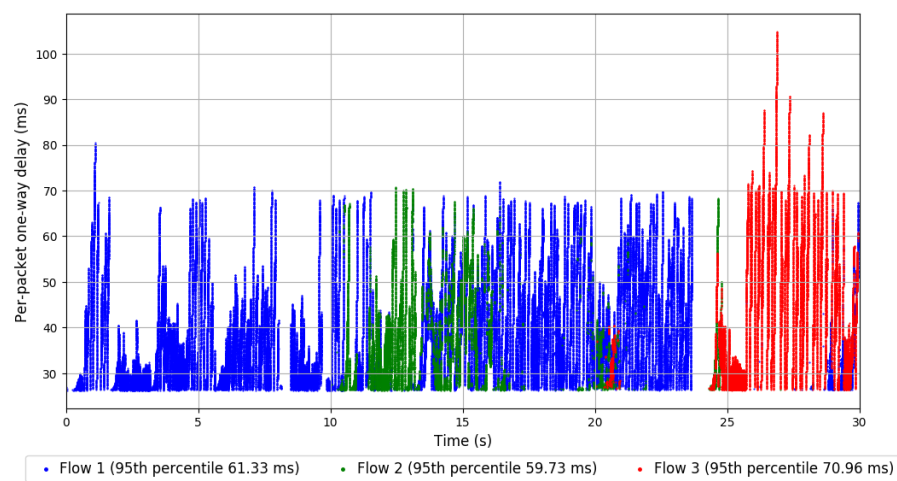
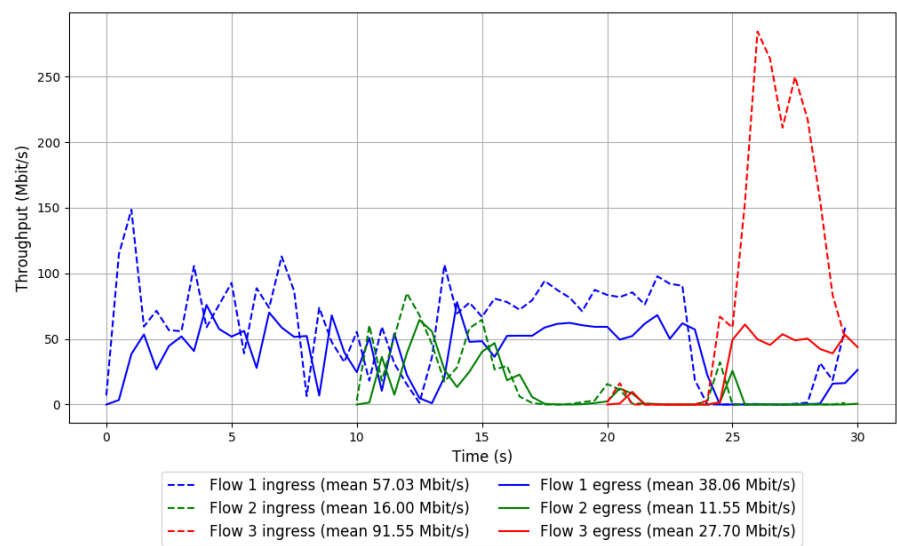


Run 4: Statistics of Verus

Start at: 2018-08-09 11:50:22
End at: 2018-08-09 11:50:52
Local clock offset: -10.571 ms
Remote clock offset: -14.523 ms

Below is generated by plot.py at 2018-08-09 14:18:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 54.87 Mbit/s
95th percentile per-packet one-way delay: 63.300 ms
Loss rate: 44.02%
-- Flow 1:
Average throughput: 38.06 Mbit/s
95th percentile per-packet one-way delay: 61.325 ms
Loss rate: 33.29%
-- Flow 2:
Average throughput: 11.55 Mbit/s
95th percentile per-packet one-way delay: 59.732 ms
Loss rate: 27.92%
-- Flow 3:
Average throughput: 27.70 Mbit/s
95th percentile per-packet one-way delay: 70.962 ms
Loss rate: 69.81%

Run 4: Report of Verus — Data Link

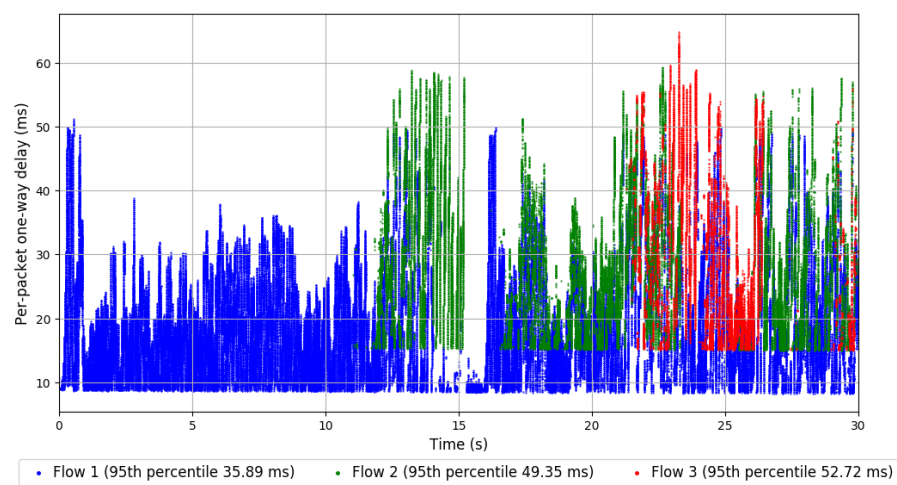
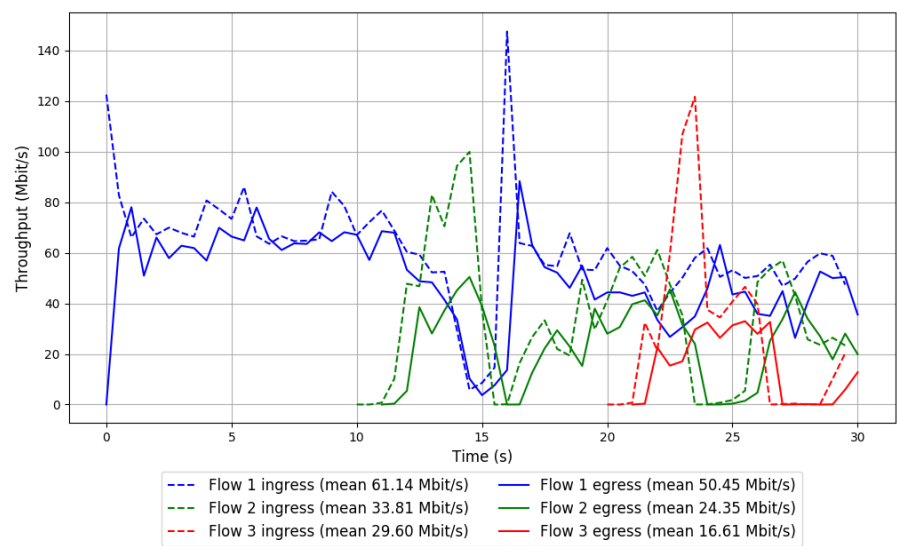


Run 5: Statistics of Verus

Start at: 2018-08-09 12:09:44
End at: 2018-08-09 12:10:14
Local clock offset: -0.35 ms
Remote clock offset: -16.325 ms

Below is generated by plot.py at 2018-08-09 14:18:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.61 Mbit/s
95th percentile per-packet one-way delay: 43.766 ms
Loss rate: 24.18%
-- Flow 1:
Average throughput: 50.45 Mbit/s
95th percentile per-packet one-way delay: 35.886 ms
Loss rate: 17.45%
-- Flow 2:
Average throughput: 24.35 Mbit/s
95th percentile per-packet one-way delay: 49.354 ms
Loss rate: 31.60%
-- Flow 3:
Average throughput: 16.61 Mbit/s
95th percentile per-packet one-way delay: 52.716 ms
Loss rate: 49.76%

Run 5: Report of Verus — Data Link

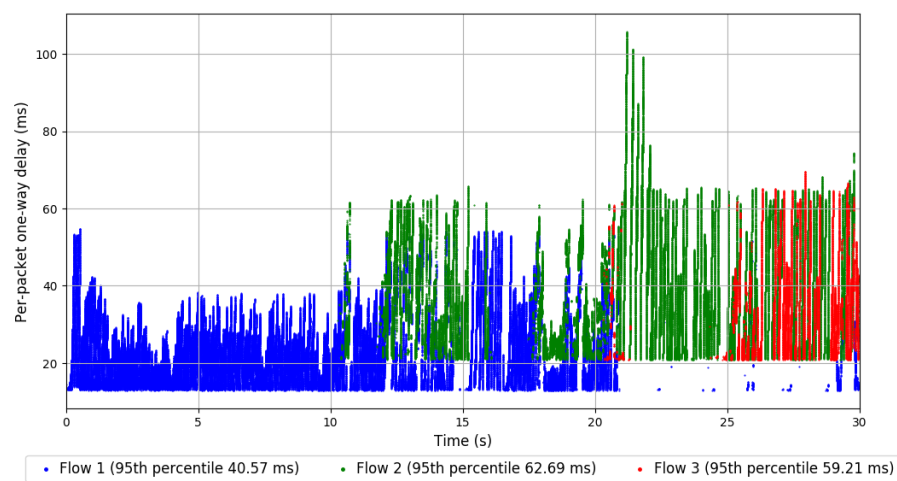
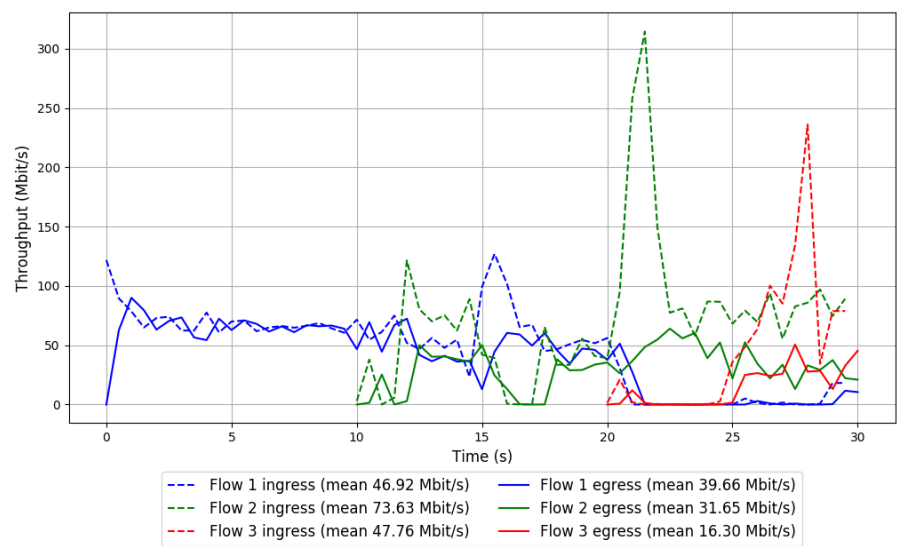


Run 6: Statistics of Verus

Start at: 2018-08-09 12:30:09
End at: 2018-08-09 12:30:39
Local clock offset: -4.193 ms
Remote clock offset: -5.185 ms

Below is generated by plot.py at 2018-08-09 14:18:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.70 Mbit/s
95th percentile per-packet one-way delay: 56.237 ms
Loss rate: 40.64%
-- Flow 1:
Average throughput: 39.66 Mbit/s
95th percentile per-packet one-way delay: 40.569 ms
Loss rate: 15.49%
-- Flow 2:
Average throughput: 31.65 Mbit/s
95th percentile per-packet one-way delay: 62.691 ms
Loss rate: 57.00%
-- Flow 3:
Average throughput: 16.30 Mbit/s
95th percentile per-packet one-way delay: 59.207 ms
Loss rate: 65.83%

Run 6: Report of Verus — Data Link

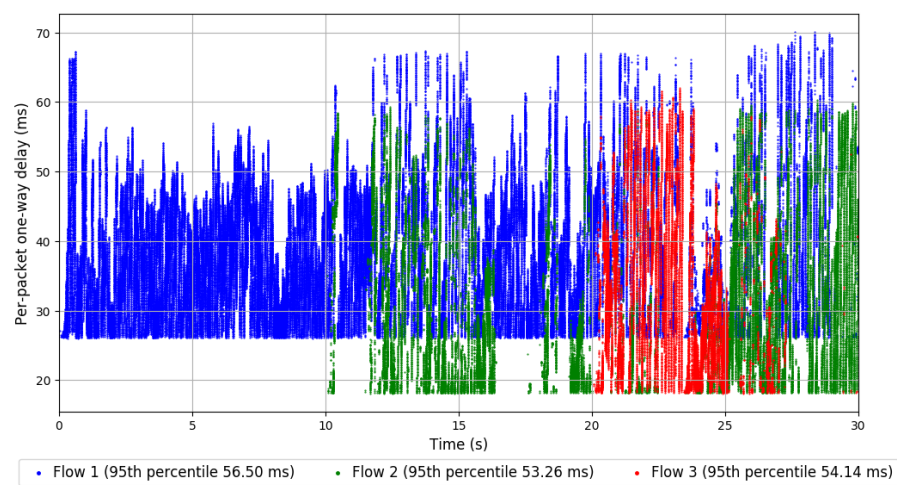
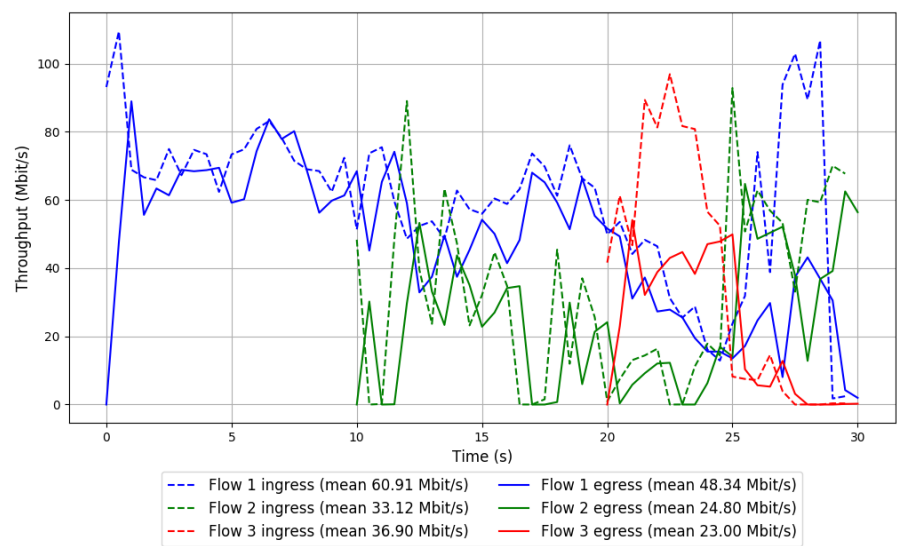


Run 7: Statistics of Verus

Start at: 2018-08-09 12:49:30
End at: 2018-08-09 12:50:00
Local clock offset: -9.396 ms
Remote clock offset: -5.397 ms

Below is generated by plot.py at 2018-08-09 14:18:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.45 Mbit/s
95th percentile per-packet one-way delay: 55.186 ms
Loss rate: 23.78%
-- Flow 1:
Average throughput: 48.34 Mbit/s
95th percentile per-packet one-way delay: 56.503 ms
Loss rate: 20.55%
-- Flow 2:
Average throughput: 24.80 Mbit/s
95th percentile per-packet one-way delay: 53.263 ms
Loss rate: 25.09%
-- Flow 3:
Average throughput: 23.00 Mbit/s
95th percentile per-packet one-way delay: 54.142 ms
Loss rate: 37.53%

Run 7: Report of Verus — Data Link

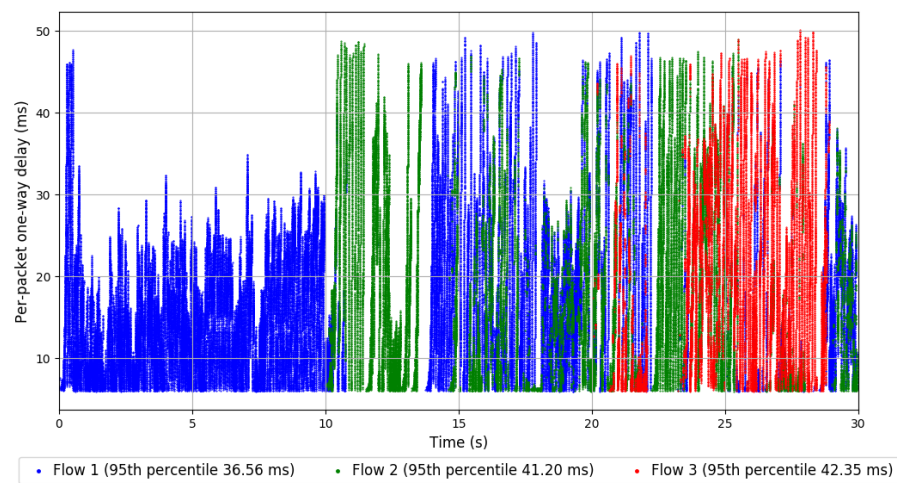
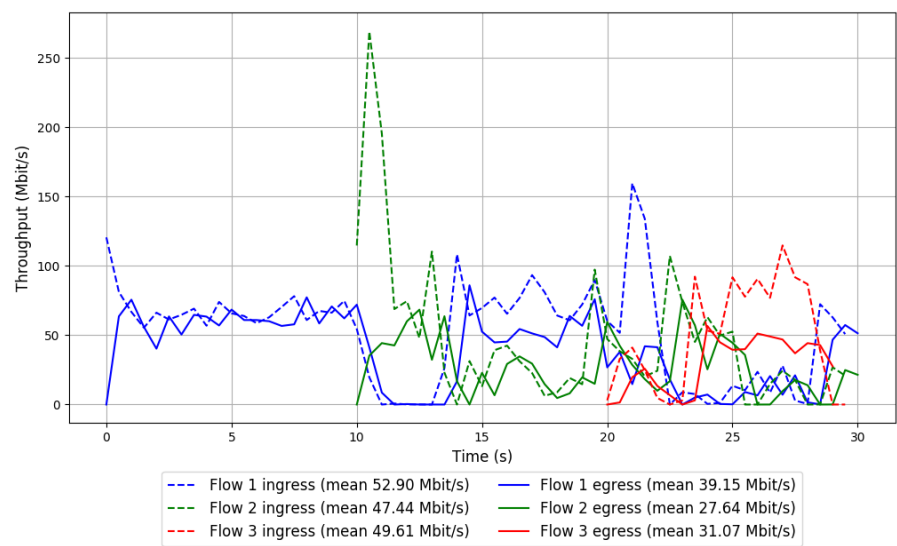


Run 8: Statistics of Verus

Start at: 2018-08-09 13:08:56
End at: 2018-08-09 13:09:26
Local clock offset: 3.085 ms
Remote clock offset: -6.077 ms

Below is generated by plot.py at 2018-08-09 14:19:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.73 Mbit/s
95th percentile per-packet one-way delay: 39.570 ms
Loss rate: 33.77%
-- Flow 1:
Average throughput: 39.15 Mbit/s
95th percentile per-packet one-way delay: 36.564 ms
Loss rate: 25.99%
-- Flow 2:
Average throughput: 27.64 Mbit/s
95th percentile per-packet one-way delay: 41.205 ms
Loss rate: 41.73%
-- Flow 3:
Average throughput: 31.07 Mbit/s
95th percentile per-packet one-way delay: 42.354 ms
Loss rate: 43.63%

Run 8: Report of Verus — Data Link

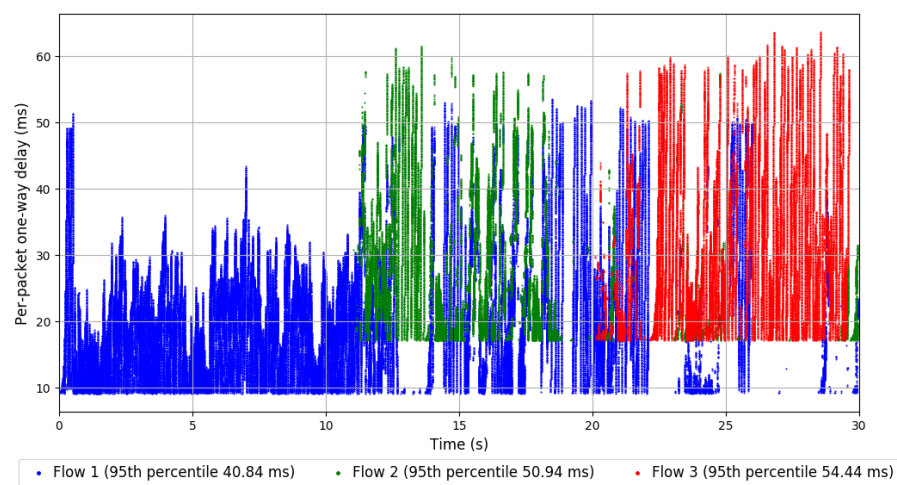
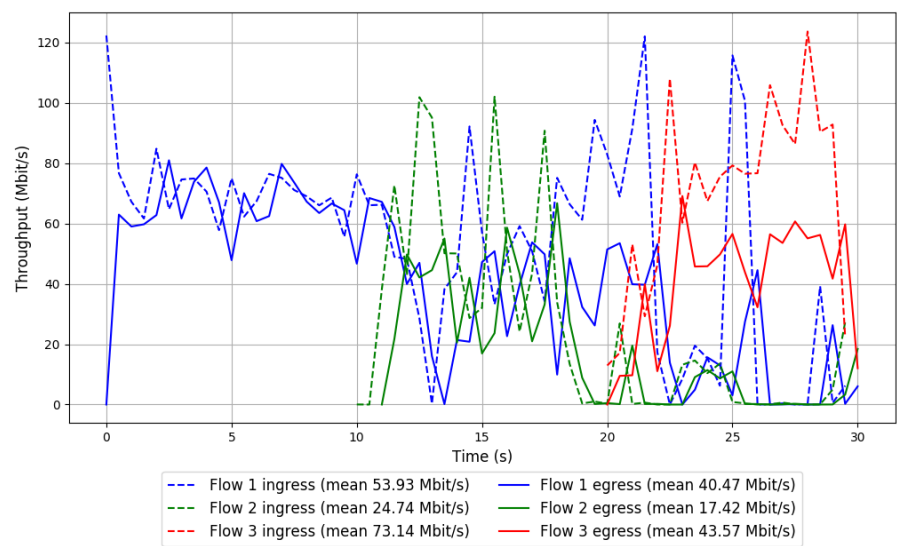


Run 9: Statistics of Verus

Start at: 2018-08-09 13:28:38
End at: 2018-08-09 13:29:08
Local clock offset: -0.62 ms
Remote clock offset: -7.971 ms

Below is generated by plot.py at 2018-08-09 14:19:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.40 Mbit/s
95th percentile per-packet one-way delay: 47.585 ms
Loss rate: 30.19%
-- Flow 1:
Average throughput: 40.47 Mbit/s
95th percentile per-packet one-way delay: 40.843 ms
Loss rate: 24.92%
-- Flow 2:
Average throughput: 17.42 Mbit/s
95th percentile per-packet one-way delay: 50.944 ms
Loss rate: 33.18%
-- Flow 3:
Average throughput: 43.57 Mbit/s
95th percentile per-packet one-way delay: 54.435 ms
Loss rate: 40.23%

Run 9: Report of Verus — Data Link

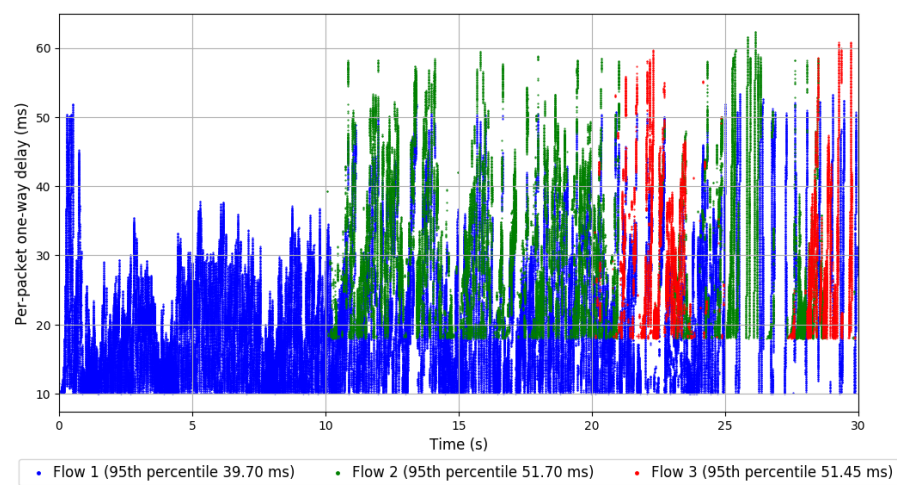
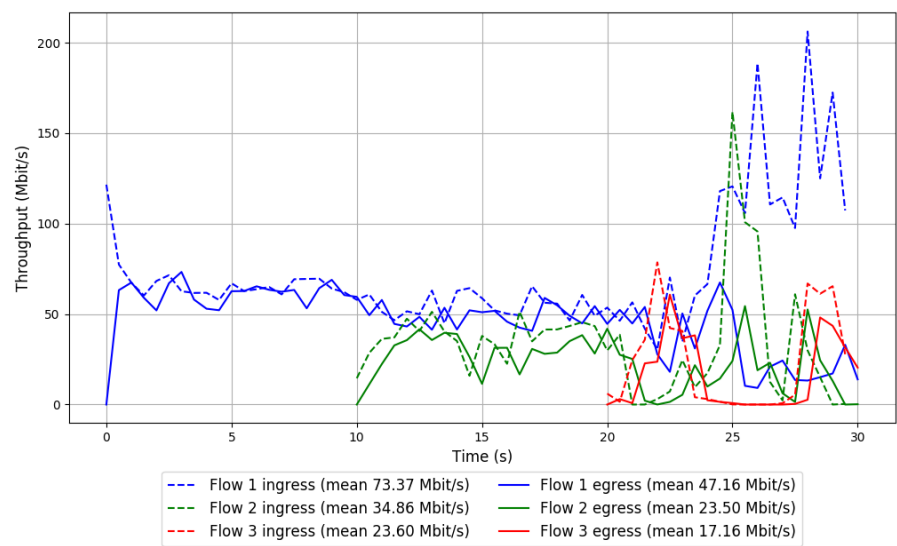


Run 10: Statistics of Verus

Start at: 2018-08-09 13:48:10
End at: 2018-08-09 13:48:40
Local clock offset: -1.794 ms
Remote clock offset: -8.155 ms

Below is generated by plot.py at 2018-08-09 14:19:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.37 Mbit/s
95th percentile per-packet one-way delay: 45.577 ms
Loss rate: 34.41%
-- Flow 1:
Average throughput: 47.16 Mbit/s
95th percentile per-packet one-way delay: 39.696 ms
Loss rate: 35.68%
-- Flow 2:
Average throughput: 23.50 Mbit/s
95th percentile per-packet one-way delay: 51.698 ms
Loss rate: 32.69%
-- Flow 3:
Average throughput: 17.16 Mbit/s
95th percentile per-packet one-way delay: 51.446 ms
Loss rate: 27.61%

Run 10: Report of Verus — Data Link

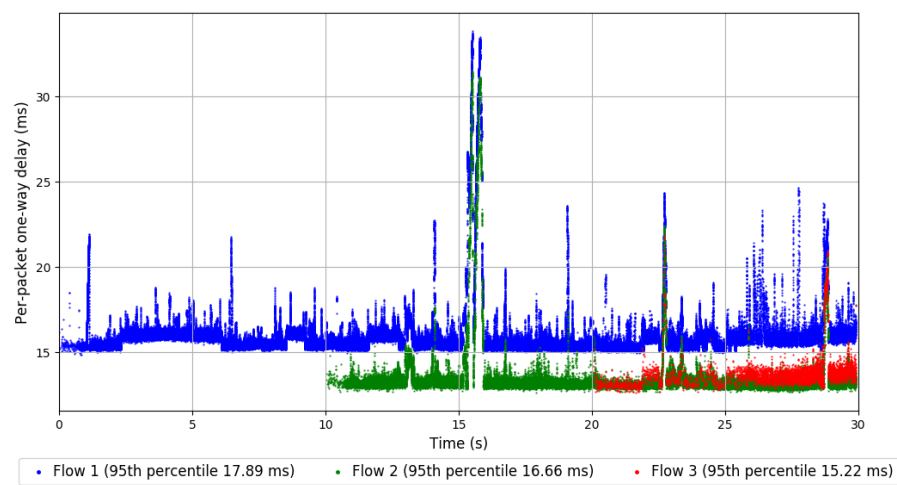
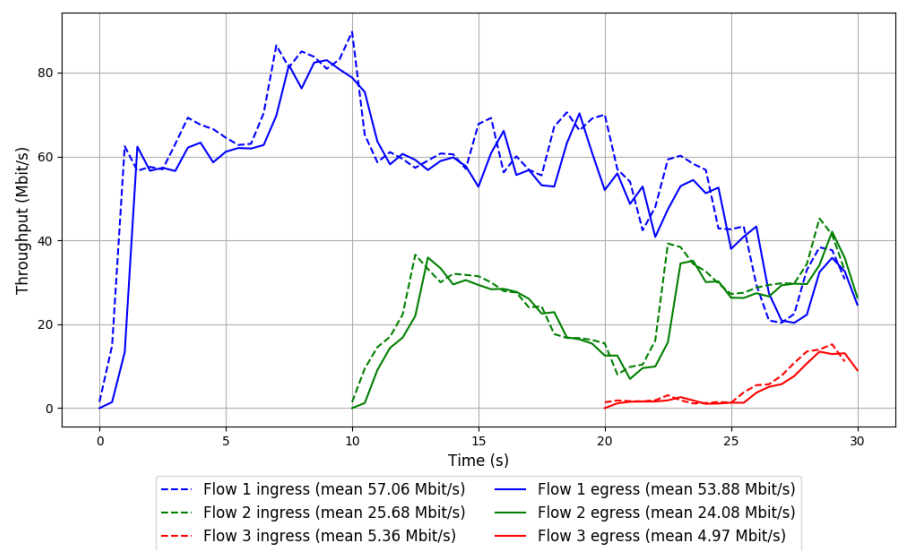


Run 1: Statistics of PCC-Vivace

Start at: 2018-08-09 10:59:45
End at: 2018-08-09 11:00:15
Local clock offset: -2.398 ms
Remote clock offset: -7.093 ms

Below is generated by plot.py at 2018-08-09 14:19:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 71.53 Mbit/s
95th percentile per-packet one-way delay: 17.694 ms
Loss rate: 5.76%
-- Flow 1:
Average throughput: 53.88 Mbit/s
95th percentile per-packet one-way delay: 17.885 ms
Loss rate: 5.57%
-- Flow 2:
Average throughput: 24.08 Mbit/s
95th percentile per-packet one-way delay: 16.665 ms
Loss rate: 6.24%
-- Flow 3:
Average throughput: 4.97 Mbit/s
95th percentile per-packet one-way delay: 15.221 ms
Loss rate: 7.24%

Run 1: Report of PCC-Vivace — Data Link

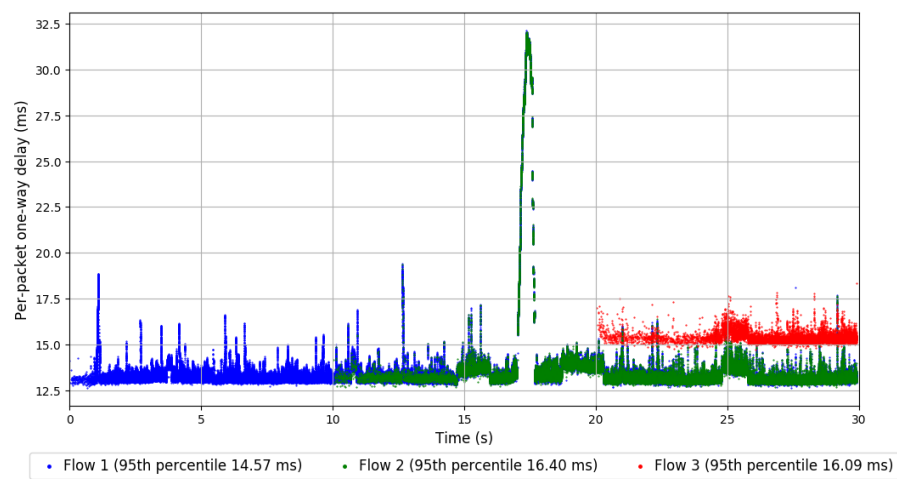
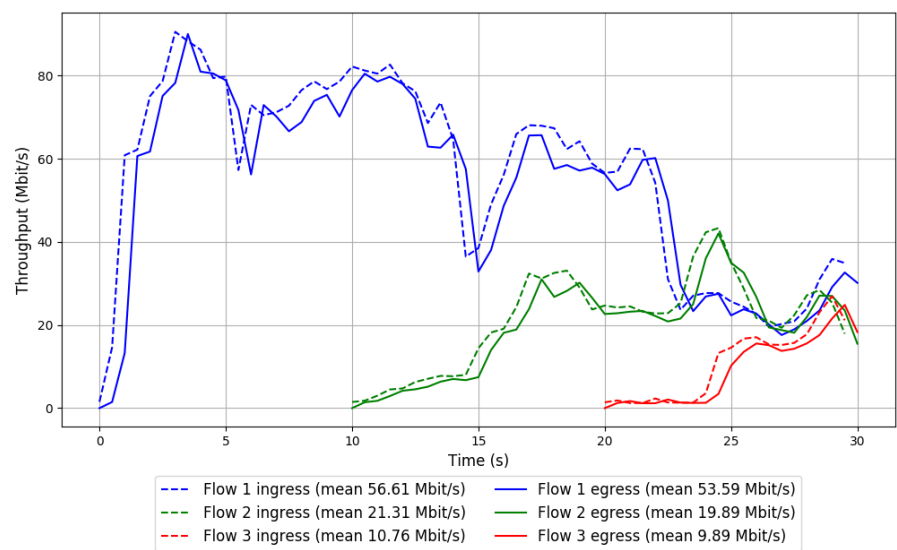


Run 2: Statistics of PCC-Vivace

Start at: 2018-08-09 11:19:05
End at: 2018-08-09 11:19:35
Local clock offset: -3.321 ms
Remote clock offset: -5.007 ms

Below is generated by plot.py at 2018-08-09 14:19:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.07 Mbit/s
95th percentile per-packet one-way delay: 15.536 ms
Loss rate: 5.73%
-- Flow 1:
Average throughput: 53.59 Mbit/s
95th percentile per-packet one-way delay: 14.575 ms
Loss rate: 5.35%
-- Flow 2:
Average throughput: 19.89 Mbit/s
95th percentile per-packet one-way delay: 16.397 ms
Loss rate: 6.66%
-- Flow 3:
Average throughput: 9.89 Mbit/s
95th percentile per-packet one-way delay: 16.085 ms
Loss rate: 8.13%

Run 2: Report of PCC-Vivace — Data Link

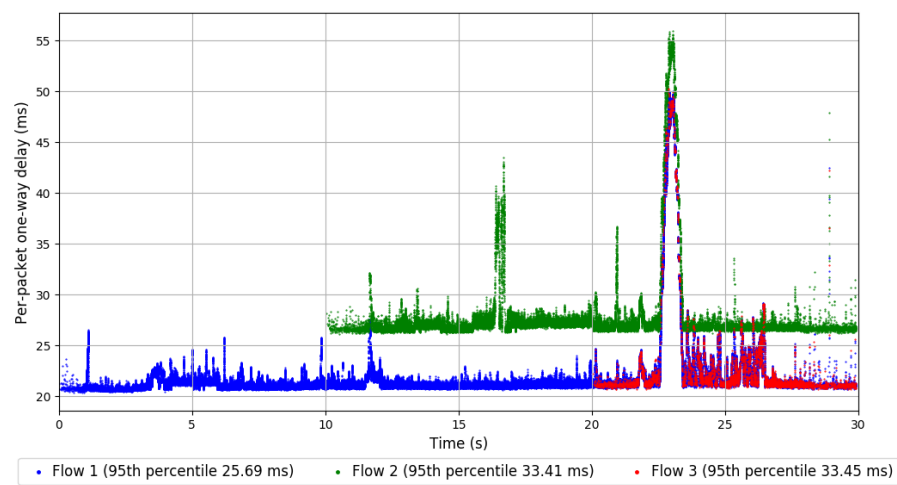
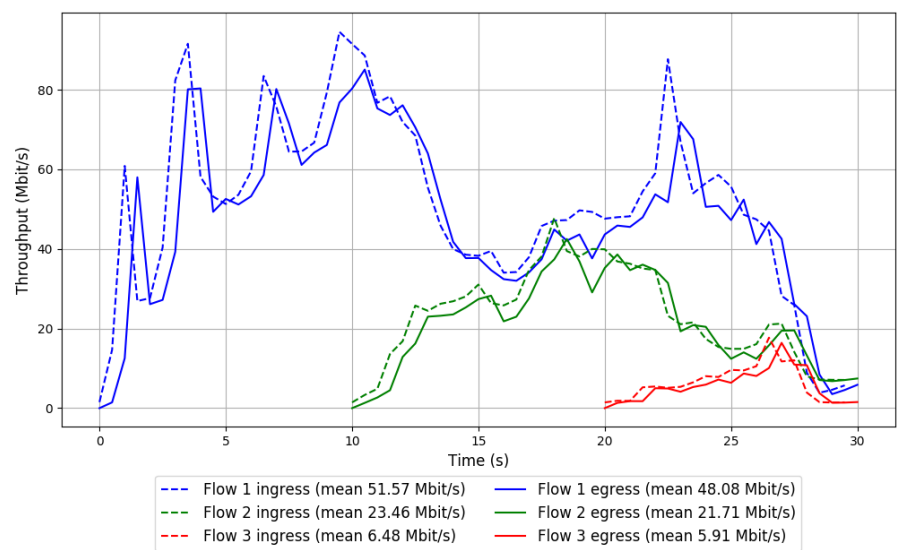


Run 3: Statistics of PCC-Vivace

Start at: 2018-08-09 11:38:43
End at: 2018-08-09 11:39:13
Local clock offset: -10.873 ms
Remote clock offset: -8.503 ms

Below is generated by plot.py at 2018-08-09 14:19:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.46 Mbit/s
95th percentile per-packet one-way delay: 28.423 ms
Loss rate: 7.00%
-- Flow 1:
Average throughput: 48.08 Mbit/s
95th percentile per-packet one-way delay: 25.688 ms
Loss rate: 6.77%
-- Flow 2:
Average throughput: 21.71 Mbit/s
95th percentile per-packet one-way delay: 33.413 ms
Loss rate: 7.50%
-- Flow 3:
Average throughput: 5.91 Mbit/s
95th percentile per-packet one-way delay: 33.449 ms
Loss rate: 8.82%

Run 3: Report of PCC-Vivace — Data Link

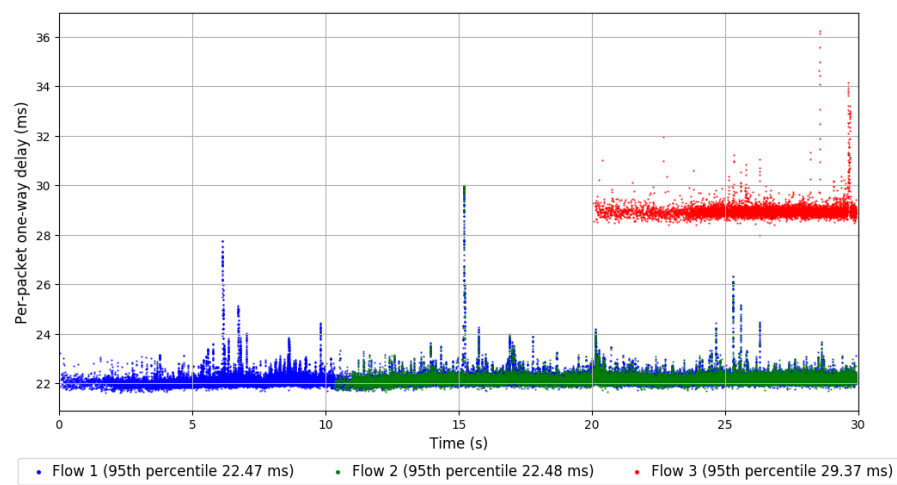
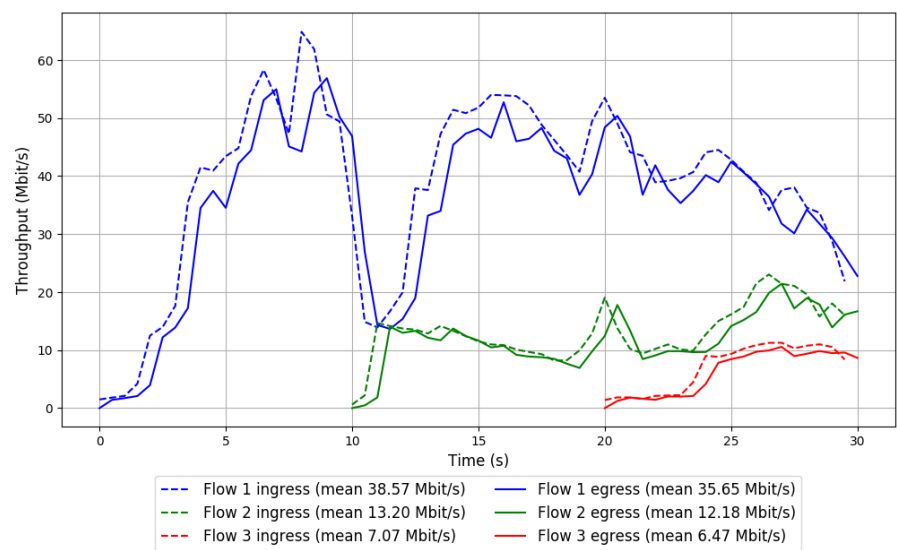


Run 4: Statistics of PCC-Vivace

Start at: 2018-08-09 11:58:25
End at: 2018-08-09 11:58:55
Local clock offset: -12.173 ms
Remote clock offset: -15.299 ms

Below is generated by plot.py at 2018-08-09 14:19:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 45.89 Mbit/s
95th percentile per-packet one-way delay: 28.620 ms
Loss rate: 7.63%
-- Flow 1:
Average throughput: 35.65 Mbit/s
95th percentile per-packet one-way delay: 22.473 ms
Loss rate: 7.57%
-- Flow 2:
Average throughput: 12.18 Mbit/s
95th percentile per-packet one-way delay: 22.480 ms
Loss rate: 7.71%
-- Flow 3:
Average throughput: 6.47 Mbit/s
95th percentile per-packet one-way delay: 29.369 ms
Loss rate: 8.45%

Run 4: Report of PCC-Vivace — Data Link

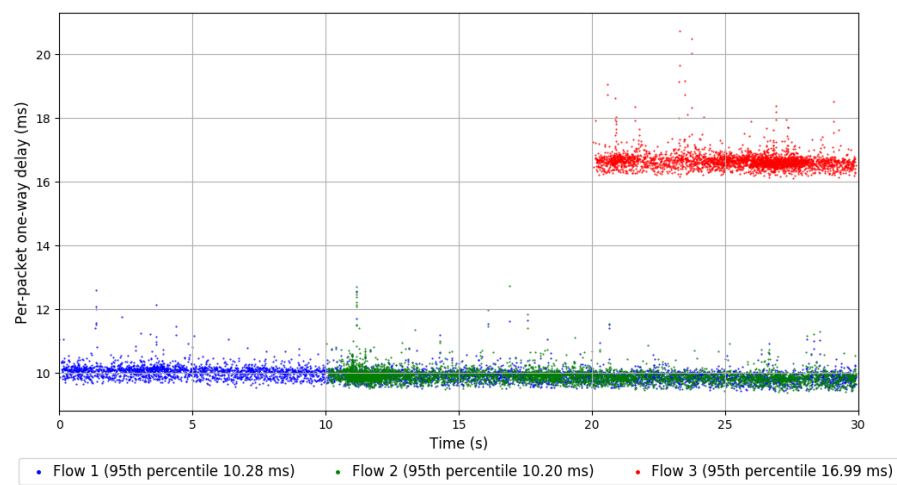
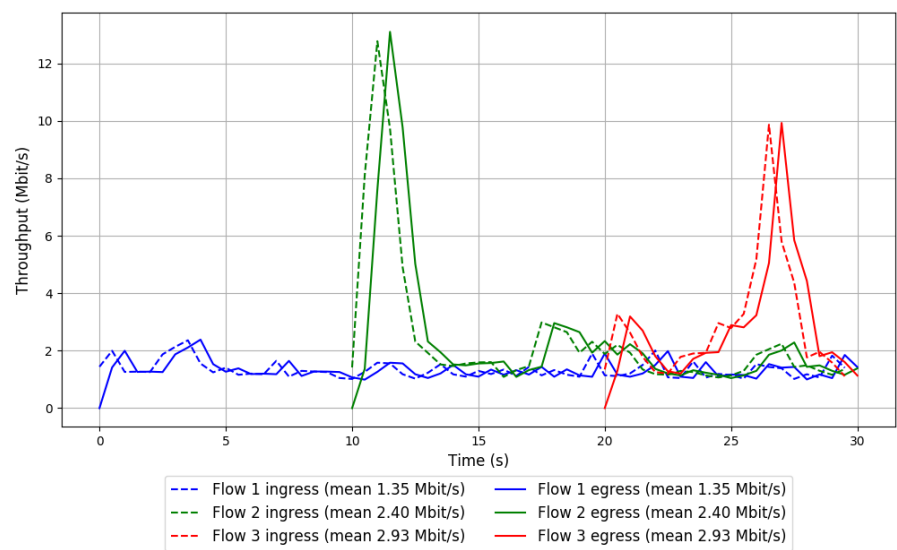


Run 5: Statistics of PCC-Vivace

Start at: 2018-08-09 12:18:49
End at: 2018-08-09 12:19:19
Local clock offset: -0.659 ms
Remote clock offset: -9.124 ms

Below is generated by plot.py at 2018-08-09 14:19:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.91 Mbit/s
95th percentile per-packet one-way delay: 16.738 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 10.275 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 2.40 Mbit/s
95th percentile per-packet one-way delay: 10.203 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 2.93 Mbit/s
95th percentile per-packet one-way delay: 16.994 ms
Loss rate: 0.04%

Run 5: Report of PCC-Vivace — Data Link

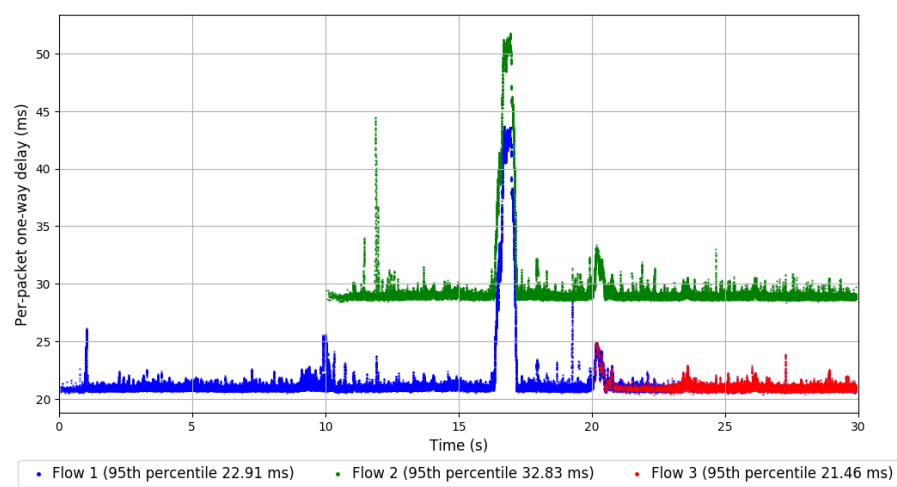
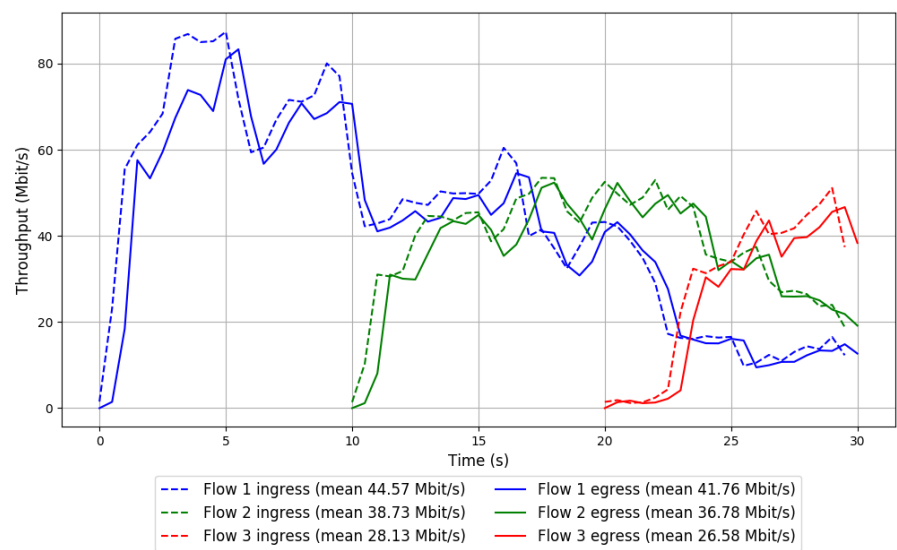


Run 6: Statistics of PCC-Vivace

Start at: 2018-08-09 12:38:08
End at: 2018-08-09 12:38:38
Local clock offset: -10.776 ms
Remote clock offset: -2.783 ms

Below is generated by plot.py at 2018-08-09 14:20:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.99 Mbit/s
95th percentile per-packet one-way delay: 29.882 ms
Loss rate: 5.82%
-- Flow 1:
Average throughput: 41.76 Mbit/s
95th percentile per-packet one-way delay: 22.907 ms
Loss rate: 6.32%
-- Flow 2:
Average throughput: 36.78 Mbit/s
95th percentile per-packet one-way delay: 32.834 ms
Loss rate: 5.05%
-- Flow 3:
Average throughput: 26.58 Mbit/s
95th percentile per-packet one-way delay: 21.459 ms
Loss rate: 5.54%

Run 6: Report of PCC-Vivace — Data Link

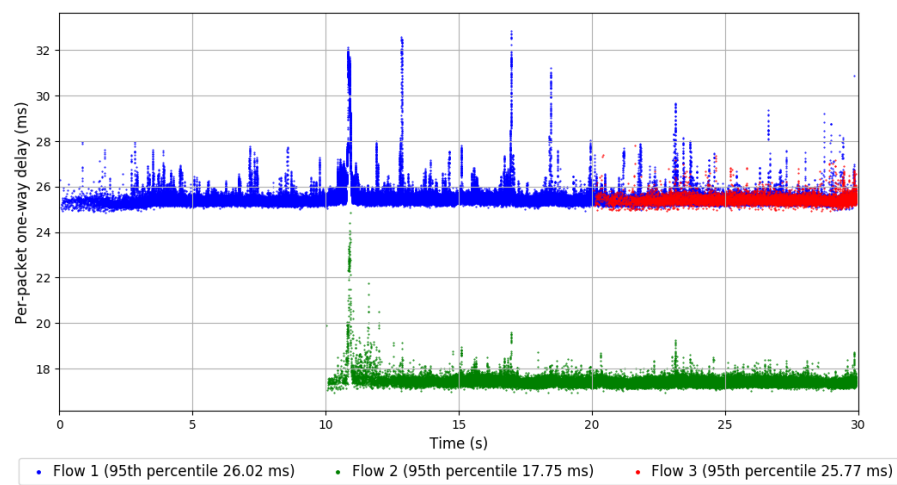
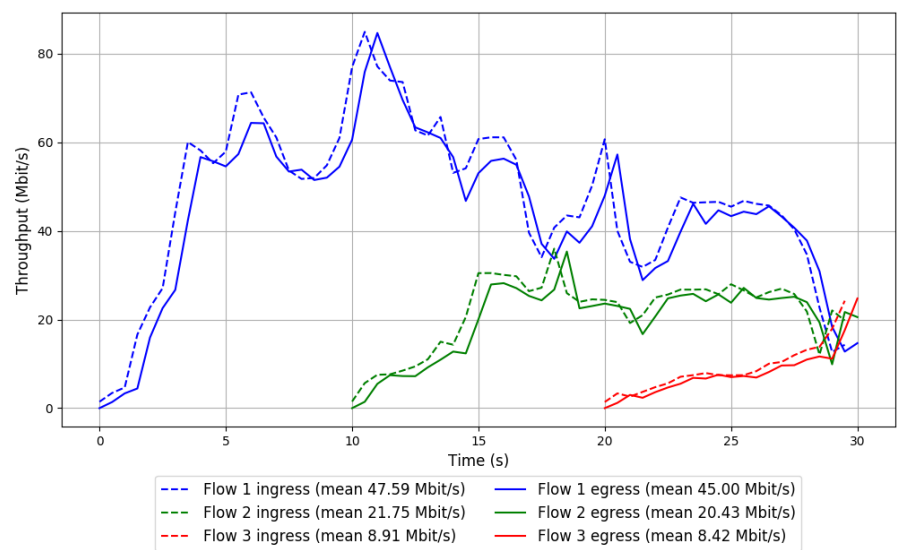


Run 7: Statistics of PCC-Vivace

Start at: 2018-08-09 12:57:34
End at: 2018-08-09 12:58:04
Local clock offset: -7.463 ms
Remote clock offset: -5.318 ms

Below is generated by plot.py at 2018-08-09 14:20:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 61.37 Mbit/s
95th percentile per-packet one-way delay: 25.861 ms
Loss rate: 5.61%
-- Flow 1:
Average throughput: 45.00 Mbit/s
95th percentile per-packet one-way delay: 26.023 ms
Loss rate: 5.46%
-- Flow 2:
Average throughput: 20.43 Mbit/s
95th percentile per-packet one-way delay: 17.747 ms
Loss rate: 6.10%
-- Flow 3:
Average throughput: 8.42 Mbit/s
95th percentile per-packet one-way delay: 25.765 ms
Loss rate: 5.61%

Run 7: Report of PCC-Vivace — Data Link

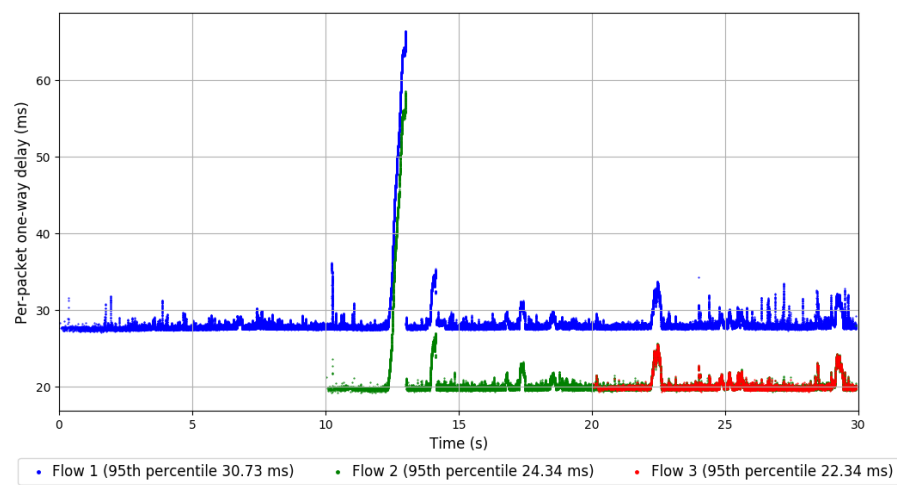
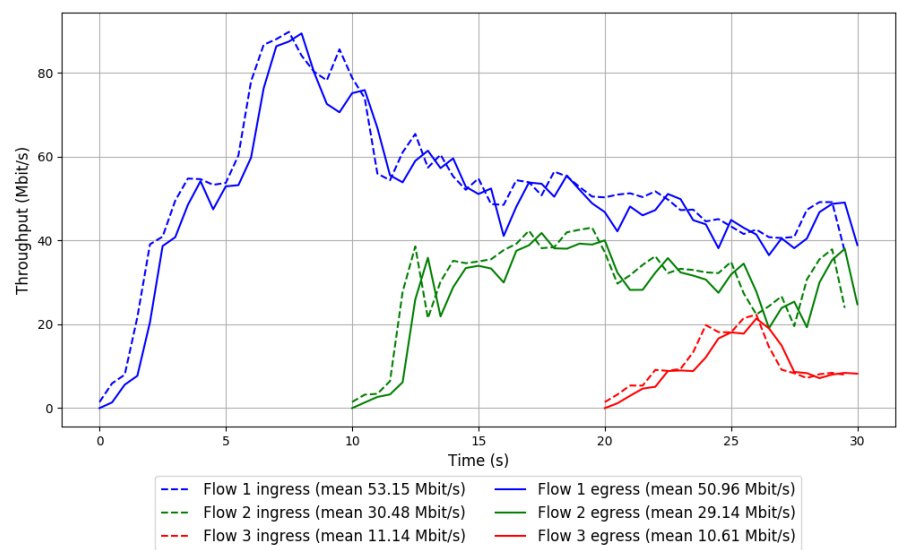


Run 8: Statistics of PCC-Vivace

Start at: 2018-08-09 13:17:18
End at: 2018-08-09 13:17:48
Local clock offset: -10.958 ms
Remote clock offset: -6.618 ms

Below is generated by plot.py at 2018-08-09 14:20:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.83 Mbit/s
95th percentile per-packet one-way delay: 30.002 ms
Loss rate: 4.24%
-- Flow 1:
Average throughput: 50.96 Mbit/s
95th percentile per-packet one-way delay: 30.725 ms
Loss rate: 4.15%
-- Flow 2:
Average throughput: 29.14 Mbit/s
95th percentile per-packet one-way delay: 24.342 ms
Loss rate: 4.38%
-- Flow 3:
Average throughput: 10.61 Mbit/s
95th percentile per-packet one-way delay: 22.344 ms
Loss rate: 4.78%

Run 8: Report of PCC-Vivace — Data Link

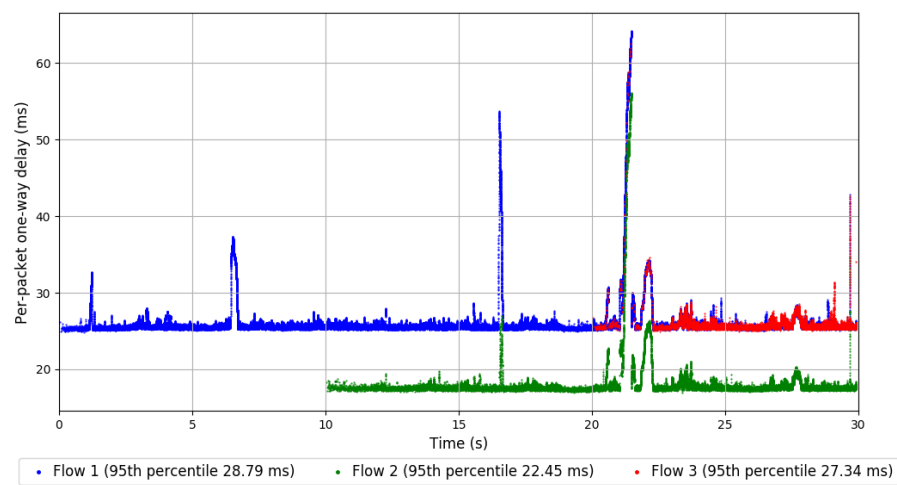
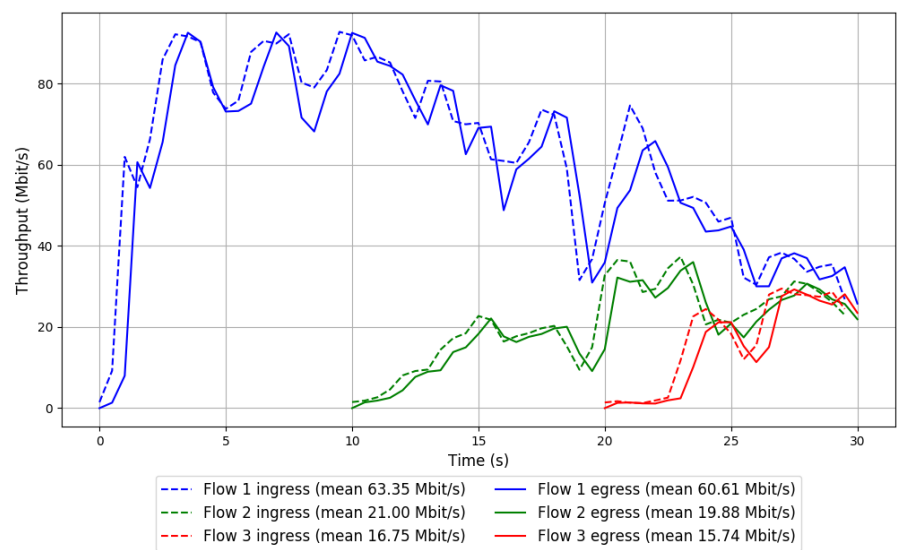


Run 9: Statistics of PCC-Vivace

Start at: 2018-08-09 13:36:44
End at: 2018-08-09 13:37:14
Local clock offset: -8.25 ms
Remote clock offset: -7.911 ms

Below is generated by plot.py at 2018-08-09 14:20:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.01 Mbit/s
95th percentile per-packet one-way delay: 27.884 ms
Loss rate: 4.63%
-- Flow 1:
Average throughput: 60.61 Mbit/s
95th percentile per-packet one-way delay: 28.791 ms
Loss rate: 4.36%
-- Flow 2:
Average throughput: 19.88 Mbit/s
95th percentile per-packet one-way delay: 22.450 ms
Loss rate: 5.30%
-- Flow 3:
Average throughput: 15.74 Mbit/s
95th percentile per-packet one-way delay: 27.345 ms
Loss rate: 6.06%

Run 9: Report of PCC-Vivace — Data Link

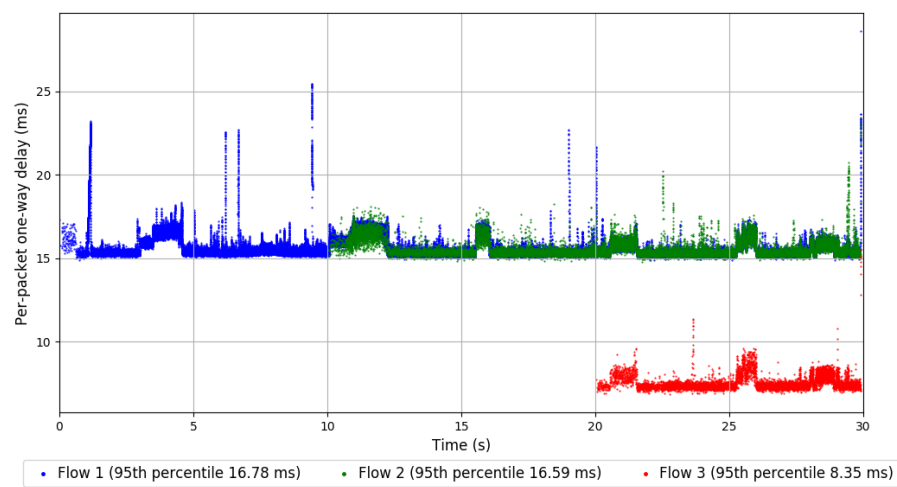
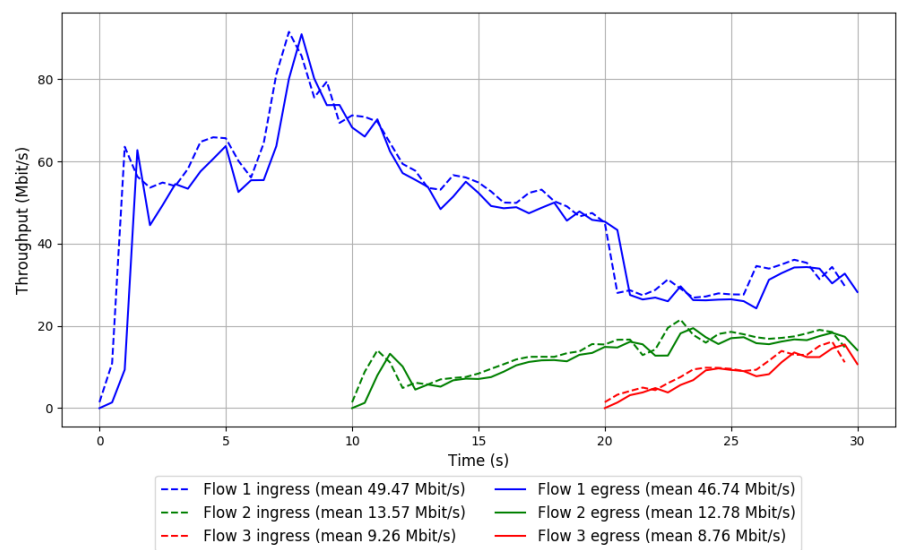


Run 10: Statistics of PCC-Vivace

Start at: 2018-08-09 13:56:12
End at: 2018-08-09 13:56:42
Local clock offset: -0.001 ms
Remote clock offset: -7.867 ms

Below is generated by plot.py at 2018-08-09 14:20:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.13 Mbit/s
95th percentile per-packet one-way delay: 16.754 ms
Loss rate: 5.56%
-- Flow 1:
Average throughput: 46.74 Mbit/s
95th percentile per-packet one-way delay: 16.784 ms
Loss rate: 5.53%
-- Flow 2:
Average throughput: 12.78 Mbit/s
95th percentile per-packet one-way delay: 16.589 ms
Loss rate: 5.82%
-- Flow 3:
Average throughput: 8.76 Mbit/s
95th percentile per-packet one-way delay: 8.354 ms
Loss rate: 5.39%

Run 10: Report of PCC-Vivace — Data Link

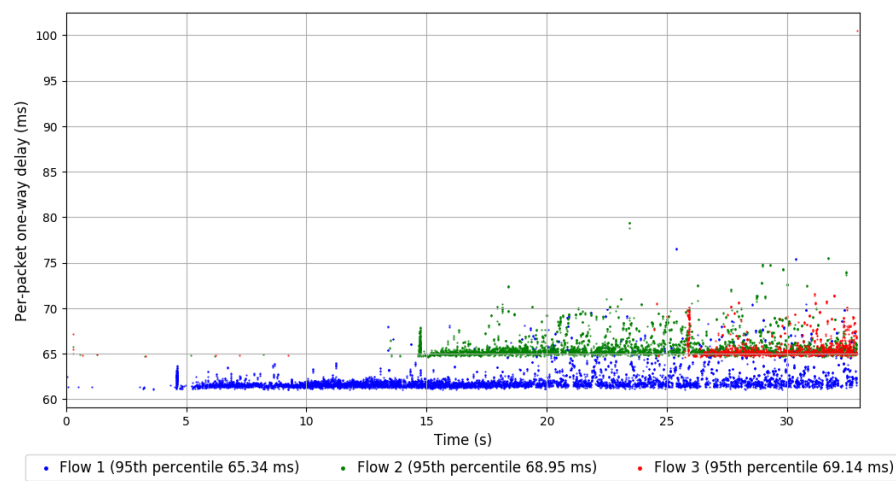
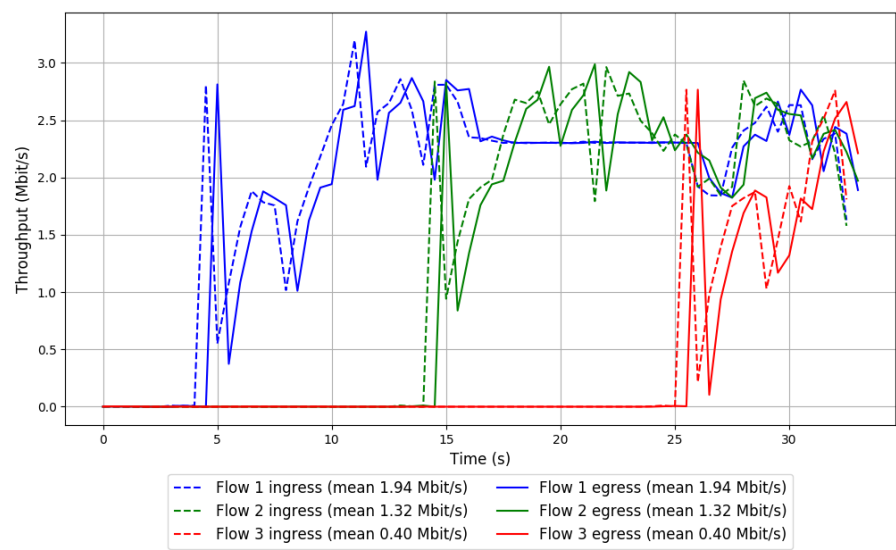


Run 1: Statistics of WebRTC media

Start at: 2018-08-09 08:43:36
End at: 2018-08-09 08:44:06
Local clock offset: 1.496 ms
Remote clock offset: 46.735 ms

Below is generated by plot.py at 2018-08-09 14:20:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.64 Mbit/s
95th percentile per-packet one-way delay: 68.100 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 65.338 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 68.949 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 69.142 ms
Loss rate: 0.07%

Run 1: Report of WebRTC media — Data Link

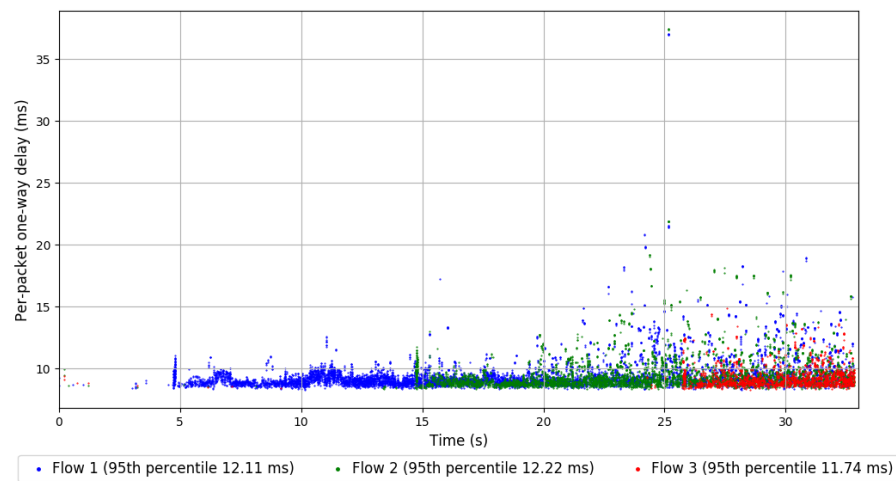
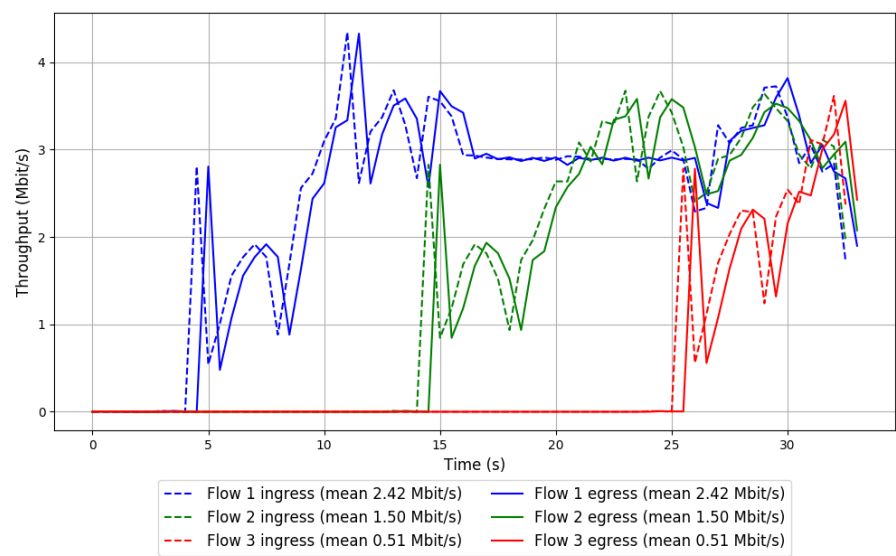


Run 2: Statistics of WebRTC media

Start at: 2018-08-09 11:04:21
End at: 2018-08-09 11:04:51
Local clock offset: 1.588 ms
Remote clock offset: -6.372 ms

Below is generated by plot.py at 2018-08-09 14:20:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.42 Mbit/s
95th percentile per-packet one-way delay: 12.138 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 2.42 Mbit/s
95th percentile per-packet one-way delay: 12.113 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 1.50 Mbit/s
95th percentile per-packet one-way delay: 12.225 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 0.51 Mbit/s
95th percentile per-packet one-way delay: 11.745 ms
Loss rate: 0.10%

Run 2: Report of WebRTC media — Data Link

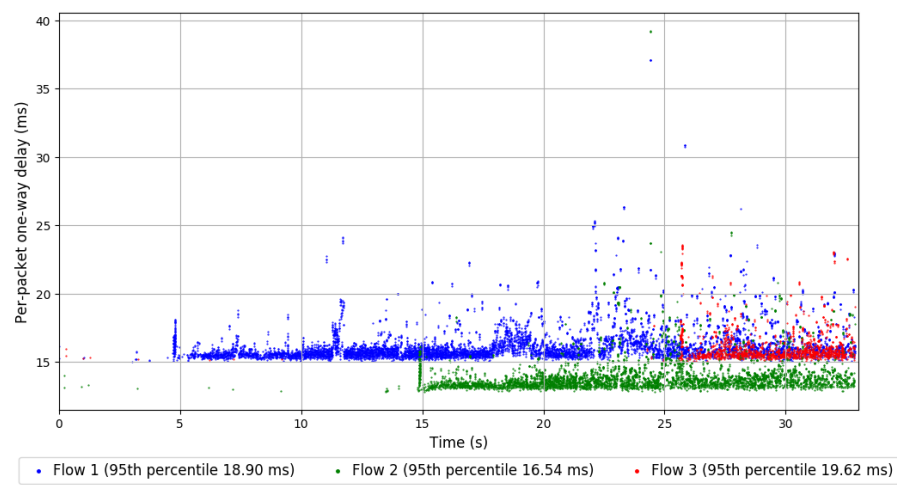
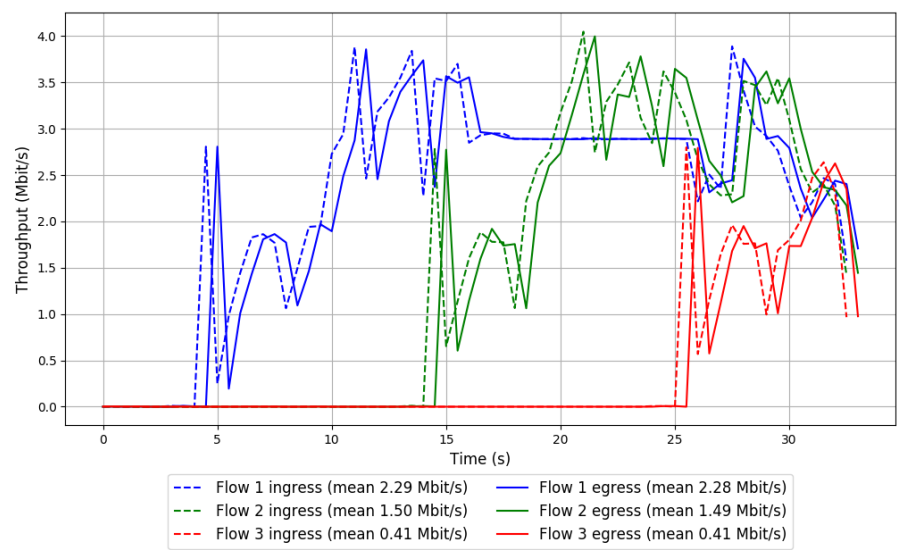


Run 3: Statistics of WebRTC media

Start at: 2018-08-09 11:23:51
End at: 2018-08-09 11:24:21
Local clock offset: -3.967 ms
Remote clock offset: -4.702 ms

Below is generated by plot.py at 2018-08-09 14:20:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.17 Mbit/s
95th percentile per-packet one-way delay: 18.413 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 2.28 Mbit/s
95th percentile per-packet one-way delay: 18.902 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 1.49 Mbit/s
95th percentile per-packet one-way delay: 16.535 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 19.624 ms
Loss rate: 0.20%

Run 3: Report of WebRTC media — Data Link

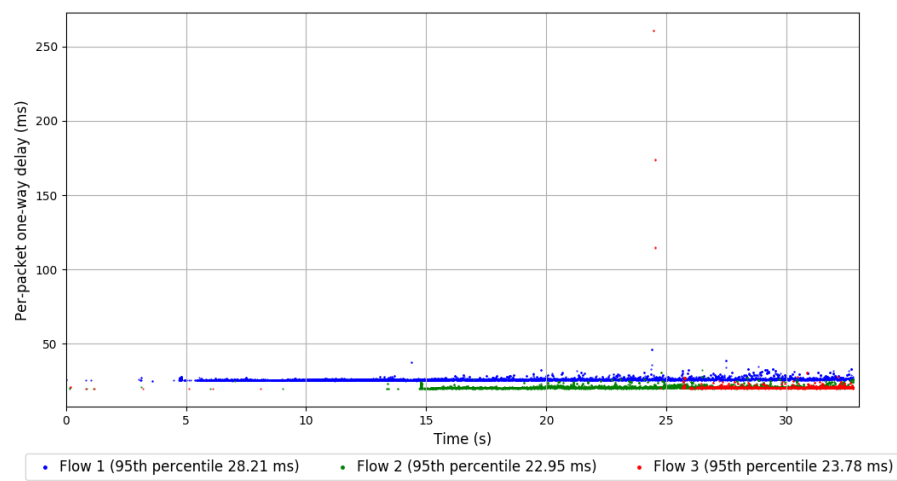
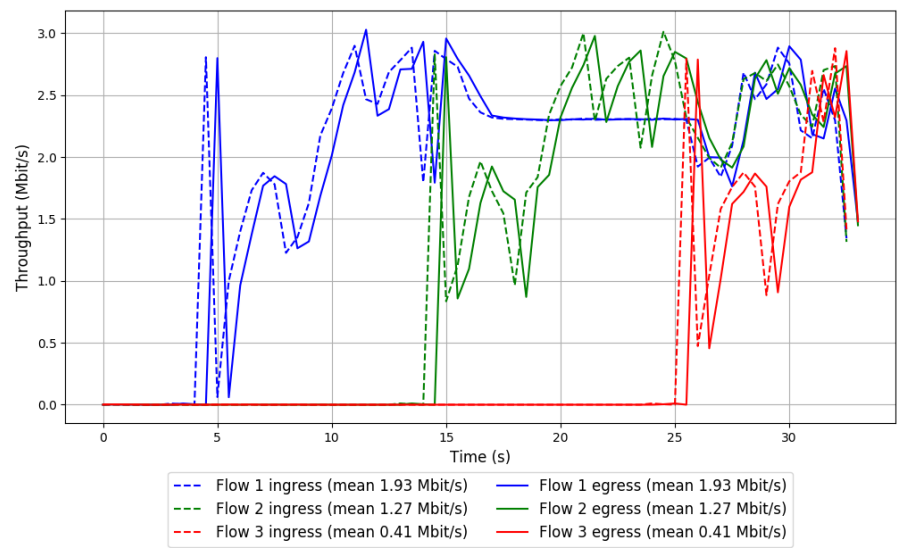


Run 4: Statistics of WebRTC media

Start at: 2018-08-09 11:43:37
End at: 2018-08-09 11:44:07
Local clock offset: -9.092 ms
Remote clock offset: -10.742 ms

Below is generated by plot.py at 2018-08-09 14:20:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 27.099 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 28.214 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.27 Mbit/s
95th percentile per-packet one-way delay: 22.946 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 23.784 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

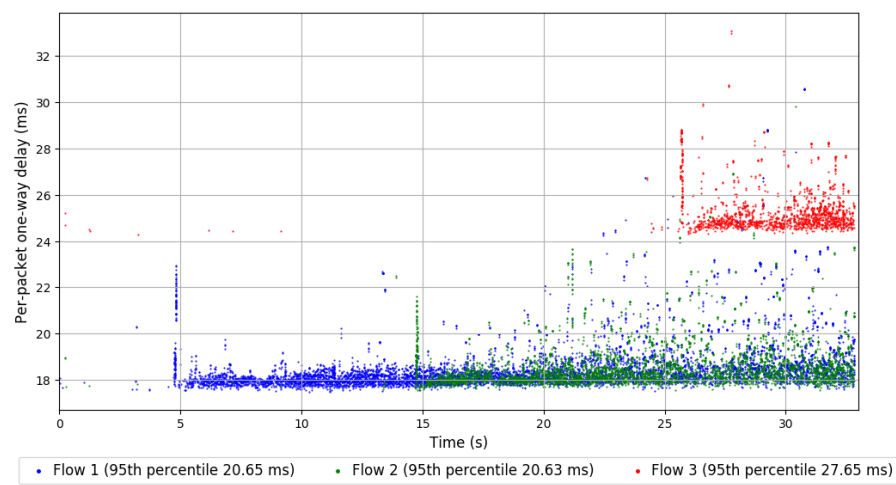
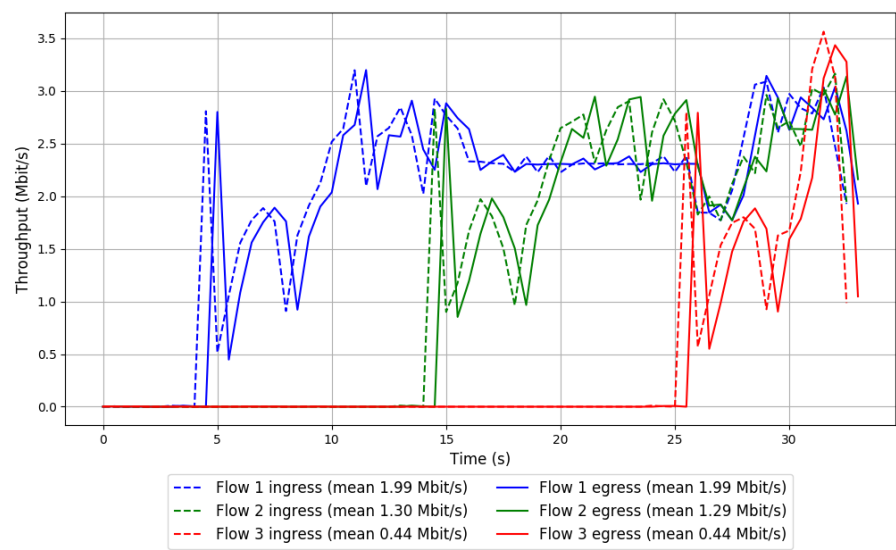


Run 5: Statistics of WebRTC media

Start at: 2018-08-09 12:02:59
End at: 2018-08-09 12:03:29
Local clock offset: -9.075 ms
Remote clock offset: -17.085 ms

Below is generated by plot.py at 2018-08-09 14:20:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.71 Mbit/s
95th percentile per-packet one-way delay: 25.179 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 20.653 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 1.29 Mbit/s
95th percentile per-packet one-way delay: 20.629 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 27.652 ms
Loss rate: 0.25%

Run 5: Report of WebRTC media — Data Link

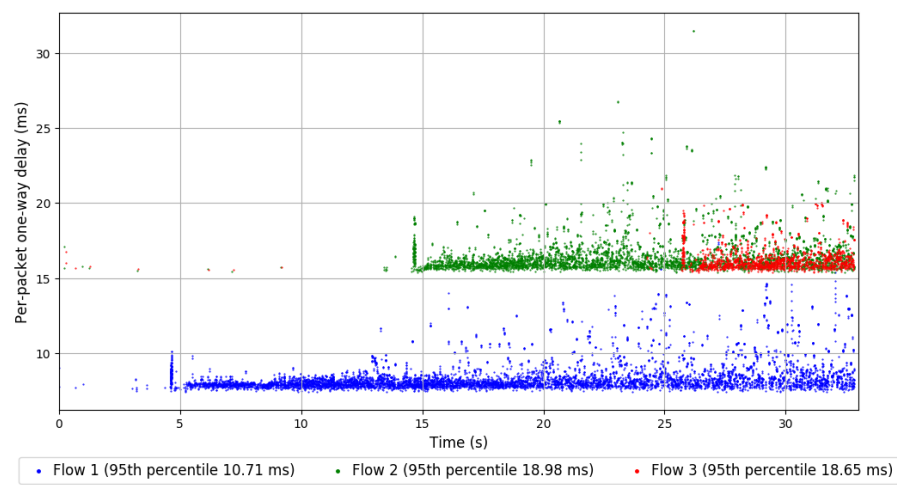
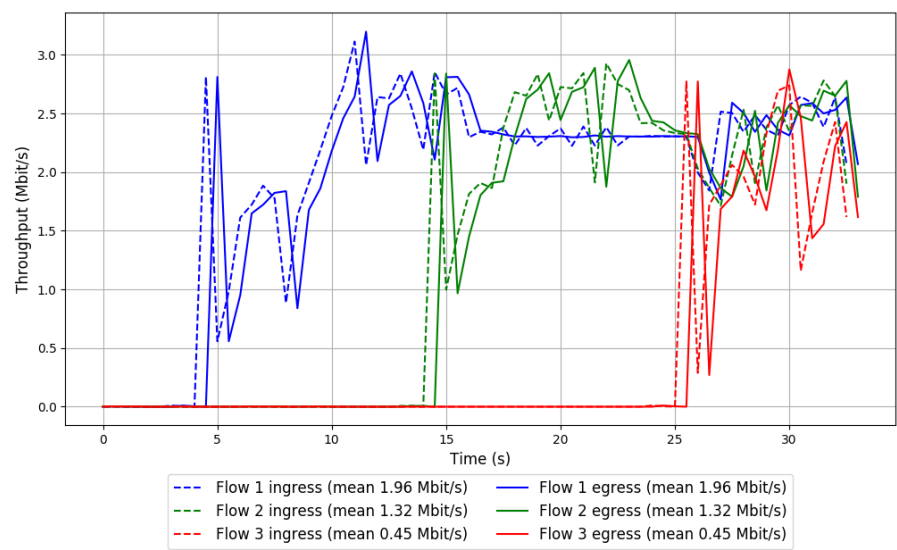


Run 6: Statistics of WebRTC media

Start at: 2018-08-09 12:23:27
End at: 2018-08-09 12:23:57
Local clock offset: 0.589 ms
Remote clock offset: -7.218 ms

Below is generated by plot.py at 2018-08-09 14:20:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.72 Mbit/s
95th percentile per-packet one-way delay: 17.683 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 1.96 Mbit/s
95th percentile per-packet one-way delay: 10.705 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.32 Mbit/s
95th percentile per-packet one-way delay: 18.980 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 18.654 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

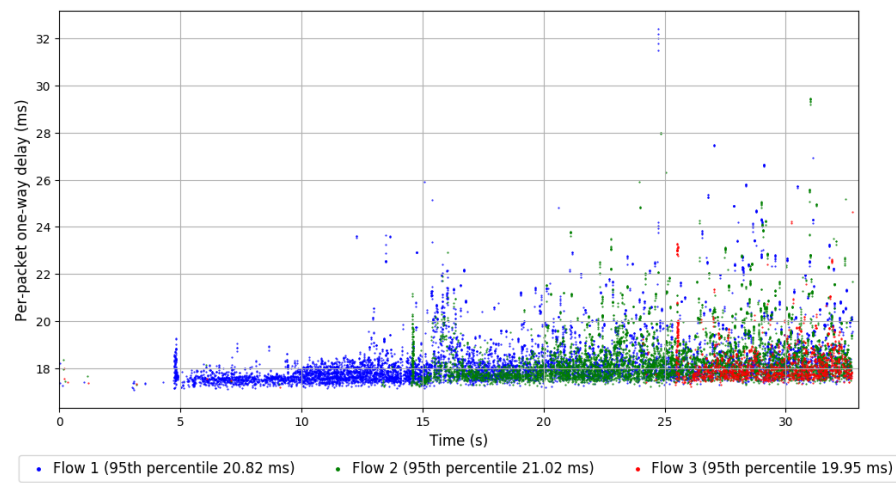
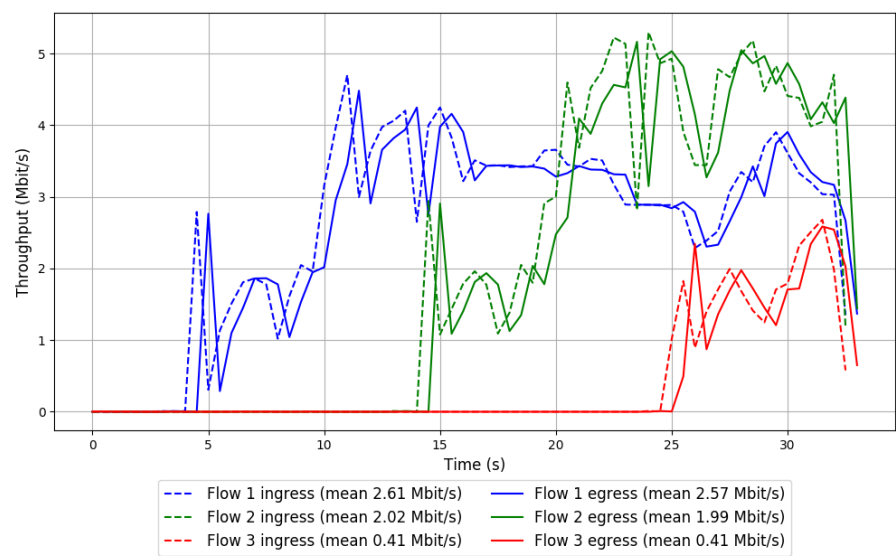


Run 7: Statistics of WebRTC media

Start at: 2018-08-09 12:42:49
End at: 2018-08-09 12:43:19
Local clock offset: -8.477 ms
Remote clock offset: -3.477 ms

Below is generated by plot.py at 2018-08-09 14:20:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.95 Mbit/s
95th percentile per-packet one-way delay: 20.815 ms
Loss rate: 1.42%
-- Flow 1:
Average throughput: 2.57 Mbit/s
95th percentile per-packet one-way delay: 20.825 ms
Loss rate: 1.58%
-- Flow 2:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 21.017 ms
Loss rate: 1.48%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 19.951 ms
Loss rate: 0.19%

Run 7: Report of WebRTC media — Data Link

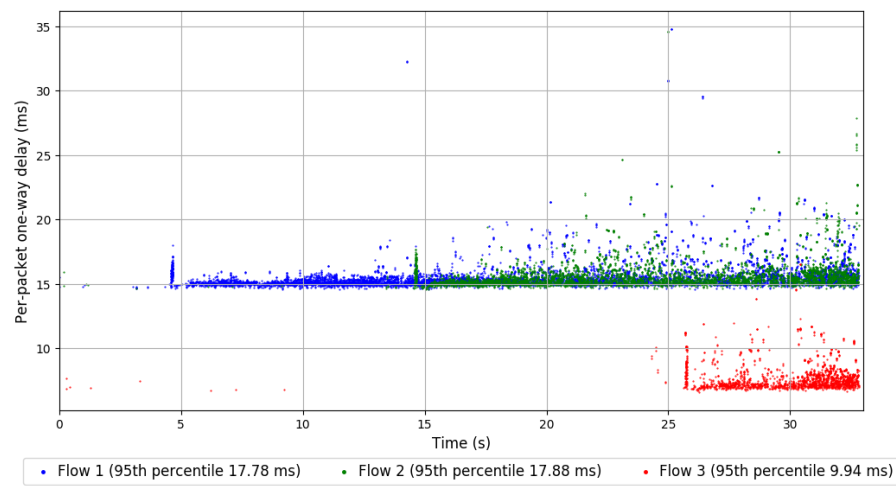
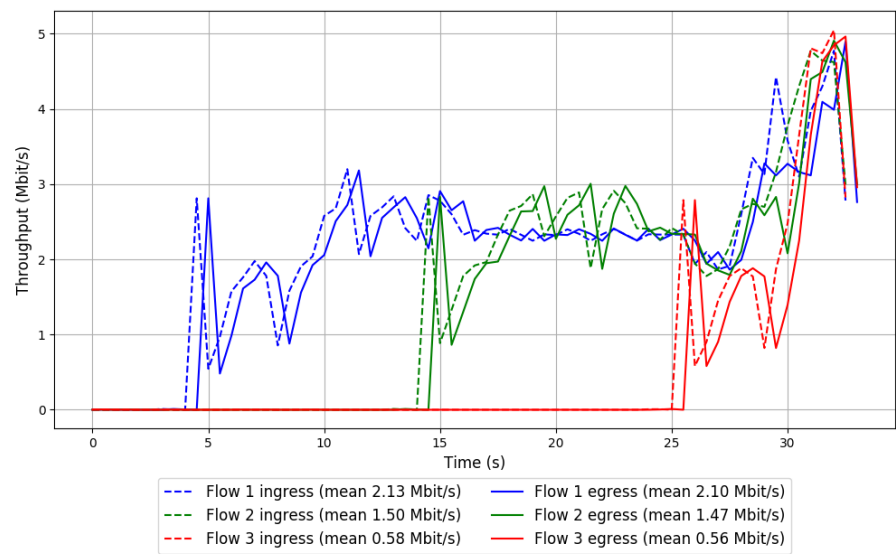


Run 8: Statistics of WebRTC media

Start at: 2018-08-09 13:02:11
End at: 2018-08-09 13:02:41
Local clock offset: 2.081 ms
Remote clock offset: -6.197 ms

Below is generated by plot.py at 2018-08-09 14:20:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.13 Mbit/s
95th percentile per-packet one-way delay: 17.551 ms
Loss rate: 1.59%
-- Flow 1:
Average throughput: 2.10 Mbit/s
95th percentile per-packet one-way delay: 17.776 ms
Loss rate: 1.32%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 17.879 ms
Loss rate: 1.83%
-- Flow 3:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 9.944 ms
Loss rate: 1.97%

Run 8: Report of WebRTC media — Data Link

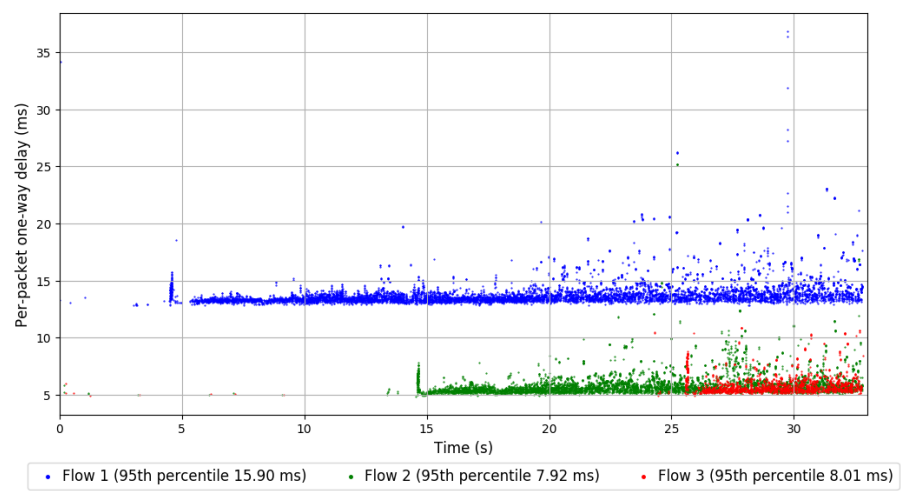
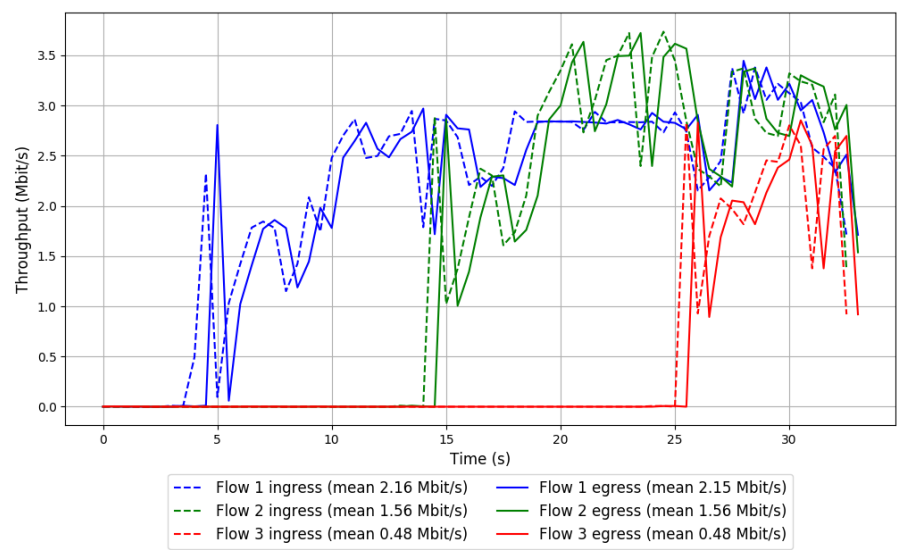


Run 9: Statistics of WebRTC media

Start at: 2018-08-09 13:21:54
End at: 2018-08-09 13:22:24
Local clock offset: 3.24 ms
Remote clock offset: -7.514 ms

Below is generated by plot.py at 2018-08-09 14:20:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.17 Mbit/s
95th percentile per-packet one-way delay: 14.797 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 15.898 ms
Loss rate: 0.38%
-- Flow 2:
Average throughput: 1.56 Mbit/s
95th percentile per-packet one-way delay: 7.919 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 8.007 ms
Loss rate: 0.06%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-09 13:41:25

End at: 2018-08-09 13:41:55

Local clock offset: -0.126 ms

Remote clock offset: -8.24 ms

Below is generated by plot.py at 2018-08-09 14:20:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 4.03 Mbit/s

95th percentile per-packet one-way delay: 19.713 ms

Loss rate: 0.15%

-- Flow 1:

Average throughput: 2.17 Mbit/s

95th percentile per-packet one-way delay: 20.359 ms

Loss rate: 0.18%

-- Flow 2:

Average throughput: 1.47 Mbit/s

95th percentile per-packet one-way delay: 19.580 ms

Loss rate: 0.14%

-- Flow 3:

Average throughput: 0.40 Mbit/s

95th percentile per-packet one-way delay: 11.497 ms

Loss rate: 0.09%

Run 10: Report of WebRTC media — Data Link

