

Pantheon Report

Generated at 2018-08-01 11:22:50 (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.

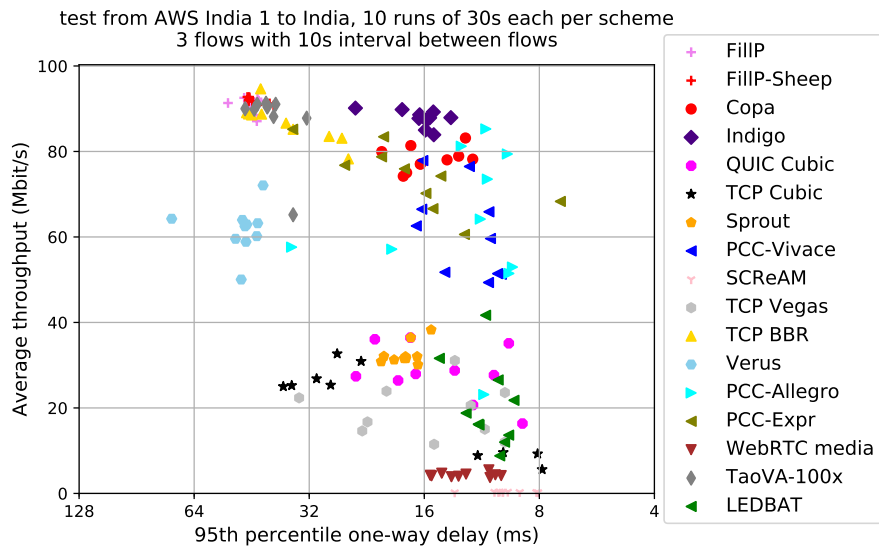
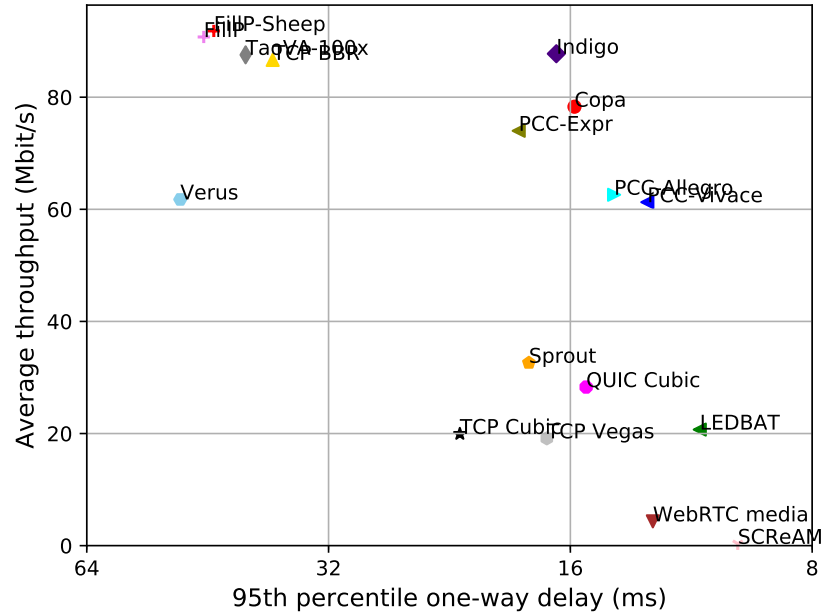
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

Git summary:

```
branch: master @ 640164b5b17c7c6561fff57729b3b5935d8596ce
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)



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	58.48	31.52	22.77	35.26	39.72	41.35	11.35	11.98	12.34
Copa	10	47.97	31.66	27.88	15.48	16.22	16.52	9.37	10.40	9.83
TCP Cubic	10	10.29	9.46	10.12	21.14	22.94	16.06	1.31	1.53	1.39
FillP	10	56.47	38.35	26.68	44.55	46.66	47.15	22.47	29.91	33.10
FillP-Sheep	10	54.58	38.71	34.75	43.00	45.63	45.75	19.51	25.70	31.45
Indigo	10	52.31	35.88	36.33	15.96	17.00	19.05	10.23	10.85	10.66
LEDBAT	10	11.38	9.59	9.08	10.97	11.26	10.66	1.20	1.48	1.84
PCC-Allegro	10	41.87	27.20	8.03	13.19	14.27	13.62	5.48	6.27	5.83
PCC-Expr	10	60.10	16.21	9.45	18.07	18.17	18.55	6.52	6.76	7.10
QUIC Cubic	10	14.94	13.21	13.87	14.69	15.37	18.33	2.29	2.05	2.33
SCReAM	10	0.15	0.17	0.20	9.59	11.30	9.71	0.62	0.84	0.65
Sprout	10	16.57	16.28	15.83	17.73	18.16	18.91	2.68	3.29	3.96
TaoVA-100x	10	53.45	36.97	28.46	37.46	41.90	43.92	12.18	16.47	19.78
TCP Vegas	10	10.28	9.62	7.52	18.89	15.06	16.67	1.57	1.35	1.65
Verus	10	36.88	29.20	19.17	45.06	47.27	48.99	40.67	46.80	39.26
PCC-Vivace	10	43.83	19.93	12.69	12.13	13.76	14.67	5.73	6.18	6.23
WebRTC media	10	2.33	1.55	0.46	12.80	12.32	12.85	0.89	0.91	0.81

Run 1: Statistics of TCP BBR

Start at: 2018-08-01 07:57:18

End at: 2018-08-01 07:57:48

Local clock offset: -1.301 ms

Remote clock offset: -5.84 ms

Below is generated by plot.py at 2018-08-01 11:05:08

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.78 Mbit/s

95th percentile per-packet one-way delay: 46.132 ms

Loss rate: 9.30%

-- Flow 1:

Average throughput: 55.48 Mbit/s

95th percentile per-packet one-way delay: 45.585 ms

Loss rate: 9.22%

-- Flow 2:

Average throughput: 39.03 Mbit/s

95th percentile per-packet one-way delay: 47.074 ms

Loss rate: 9.69%

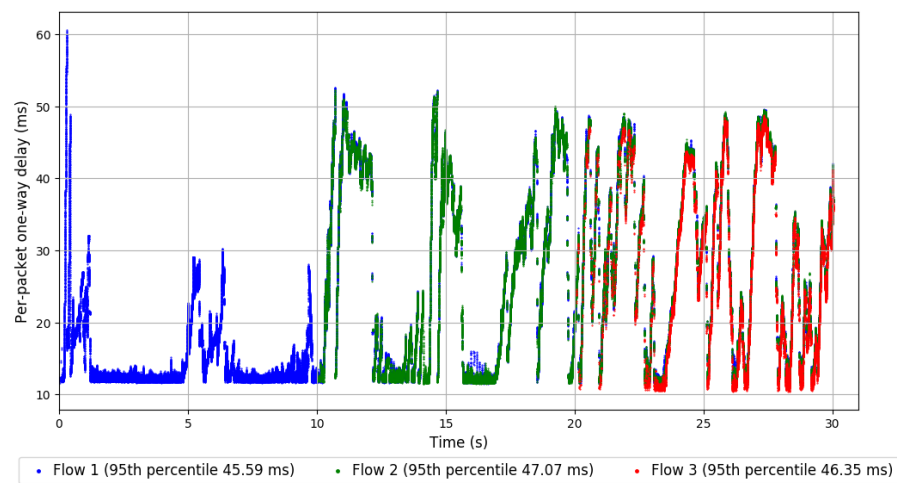
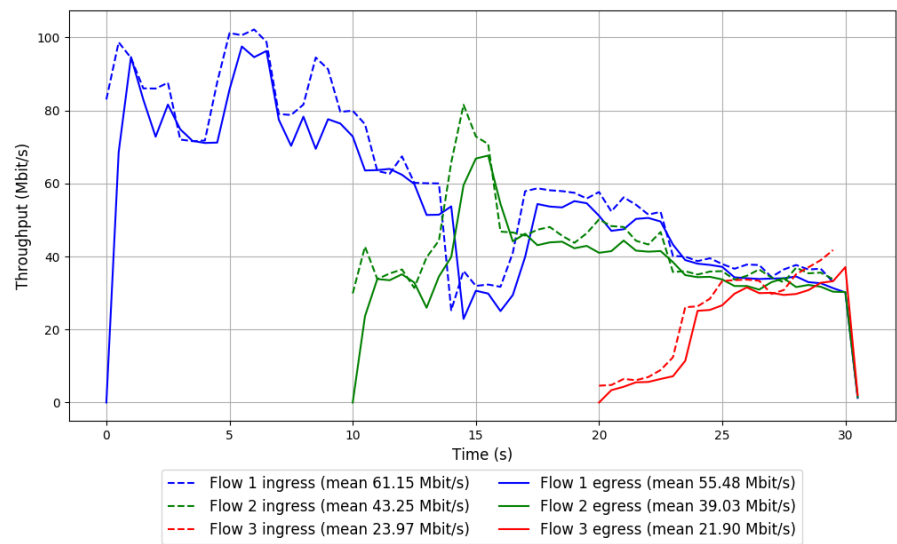
-- Flow 3:

Average throughput: 21.90 Mbit/s

95th percentile per-packet one-way delay: 46.353 ms

Loss rate: 8.54%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-08-01 08:16:52

End at: 2018-08-01 08:17:22

Local clock offset: -1.23 ms

Remote clock offset: -3.53 ms

Below is generated by plot.py at 2018-08-01 11:05:12

Datalink statistics

-- Total of 3 flows:

Average throughput: 94.66 Mbit/s

95th percentile per-packet one-way delay: 42.882 ms

Loss rate: 8.28%

-- Flow 1:

Average throughput: 58.86 Mbit/s

95th percentile per-packet one-way delay: 41.946 ms

Loss rate: 7.47%

-- Flow 2:

Average throughput: 36.38 Mbit/s

95th percentile per-packet one-way delay: 42.791 ms

Loss rate: 9.00%

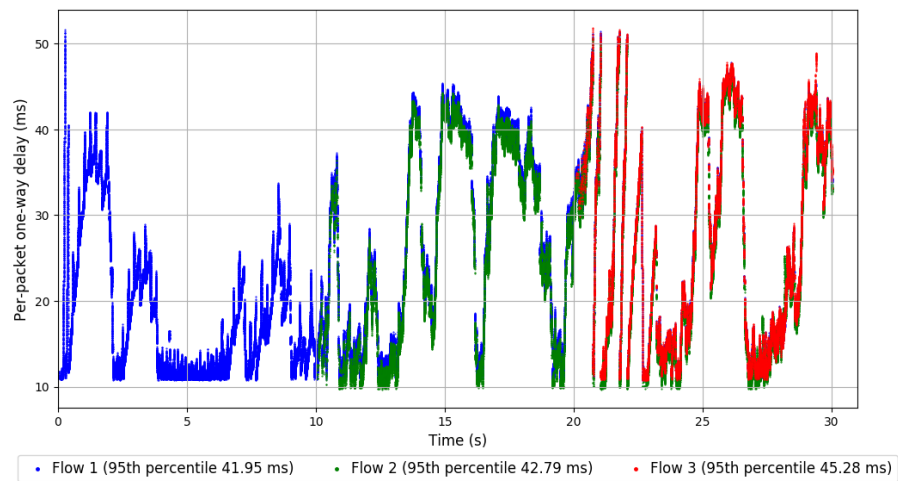
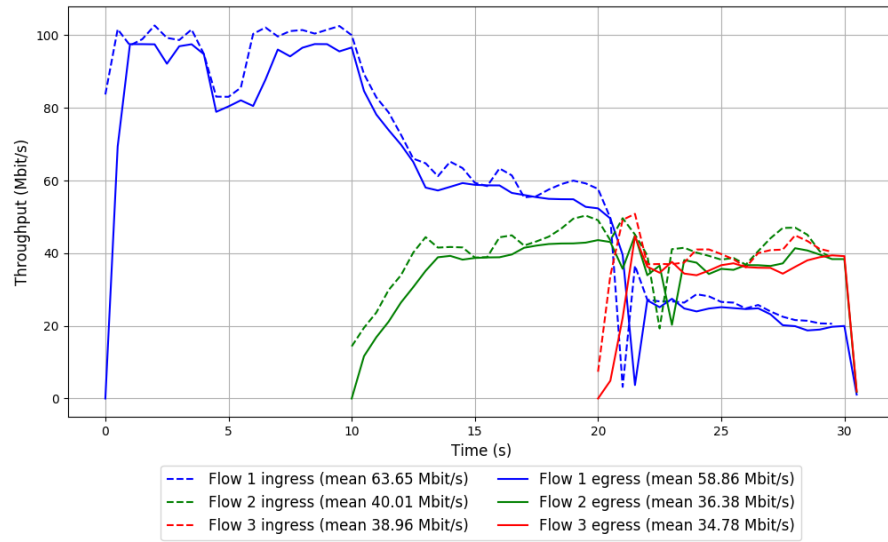
-- Flow 3:

Average throughput: 34.78 Mbit/s

95th percentile per-packet one-way delay: 45.282 ms

Loss rate: 10.74%

Run 2: Report of TCP BBR — Data Link

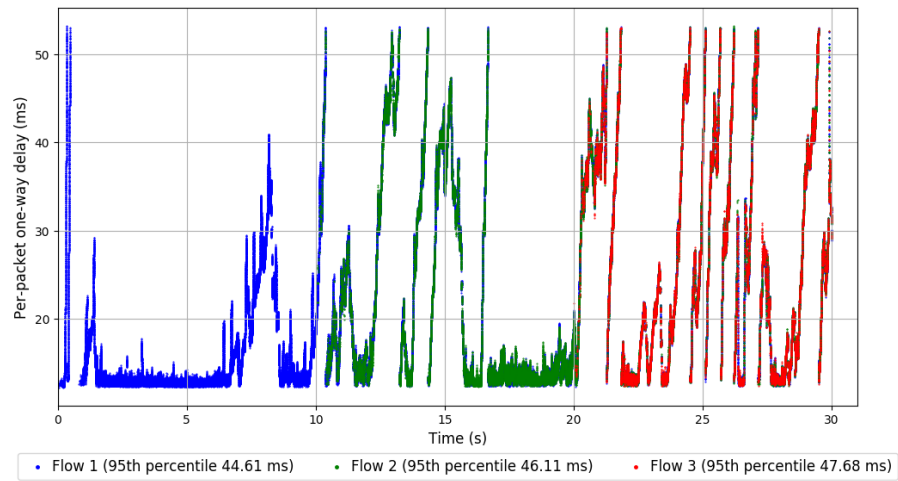
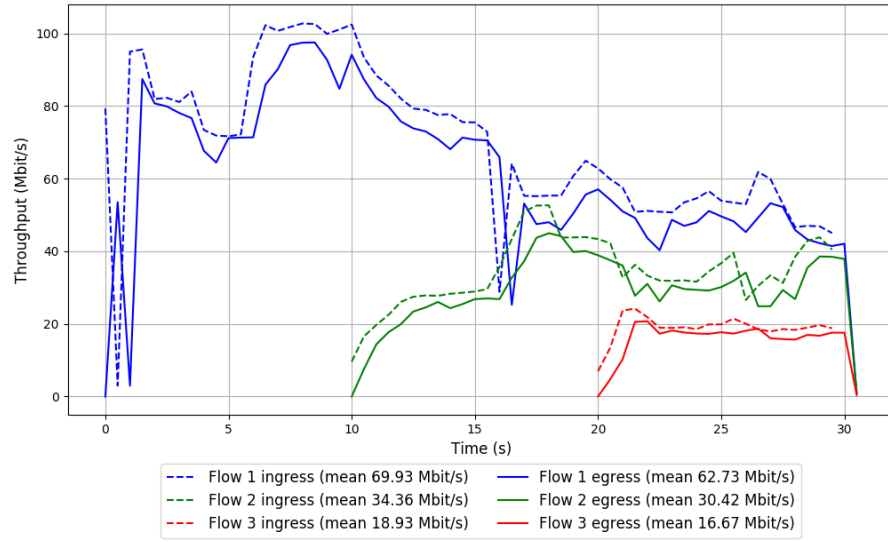


Run 3: Statistics of TCP BBR

Start at: 2018-08-01 08:36:27
End at: 2018-08-01 08:36:57
Local clock offset: -0.959 ms
Remote clock offset: -8.674 ms

Below is generated by plot.py at 2018-08-01 11:05:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.55 Mbit/s
95th percentile per-packet one-way delay: 45.281 ms
Loss rate: 10.63%
-- Flow 1:
Average throughput: 62.73 Mbit/s
95th percentile per-packet one-way delay: 44.607 ms
Loss rate: 10.26%
-- Flow 2:
Average throughput: 30.42 Mbit/s
95th percentile per-packet one-way delay: 46.112 ms
Loss rate: 11.42%
-- Flow 3:
Average throughput: 16.67 Mbit/s
95th percentile per-packet one-way delay: 47.679 ms
Loss rate: 11.89%

Run 3: Report of TCP BBR — Data Link

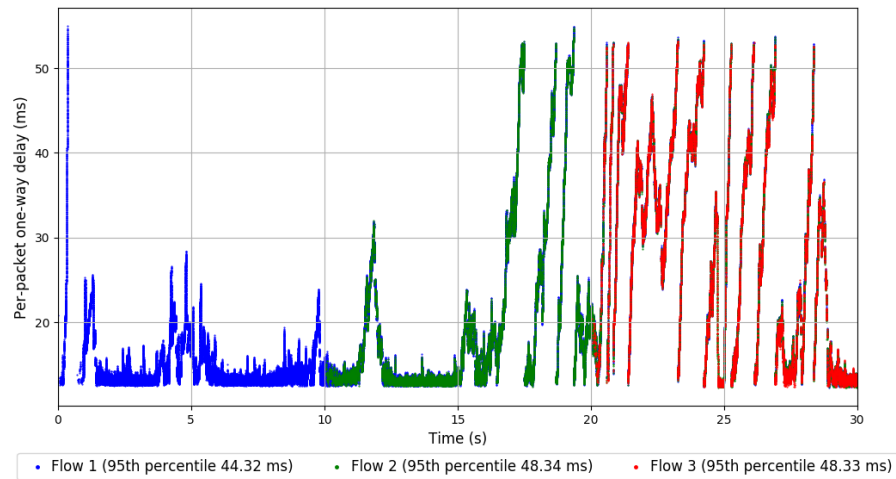
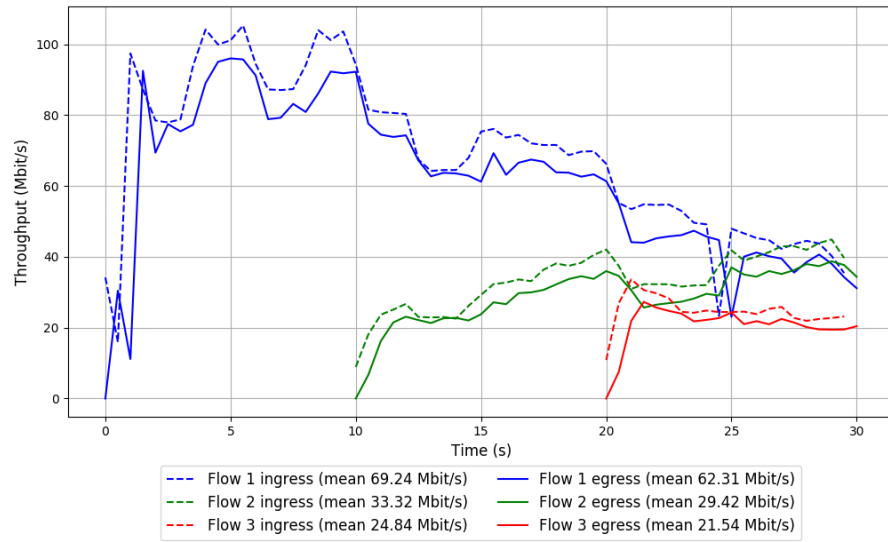


Run 4: Statistics of TCP BBR

Start at: 2018-08-01 08:56:50
End at: 2018-08-01 08:57:20
Local clock offset: -0.605 ms
Remote clock offset: -8.768 ms

Below is generated by plot.py at 2018-08-01 11:05:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.07 Mbit/s
95th percentile per-packet one-way delay: 46.672 ms
Loss rate: 10.67%
-- Flow 1:
Average throughput: 62.31 Mbit/s
95th percentile per-packet one-way delay: 44.316 ms
Loss rate: 10.02%
-- Flow 2:
Average throughput: 29.42 Mbit/s
95th percentile per-packet one-way delay: 48.339 ms
Loss rate: 11.72%
-- Flow 3:
Average throughput: 21.54 Mbit/s
95th percentile per-packet one-way delay: 48.334 ms
Loss rate: 13.37%

Run 4: Report of TCP BBR — Data Link

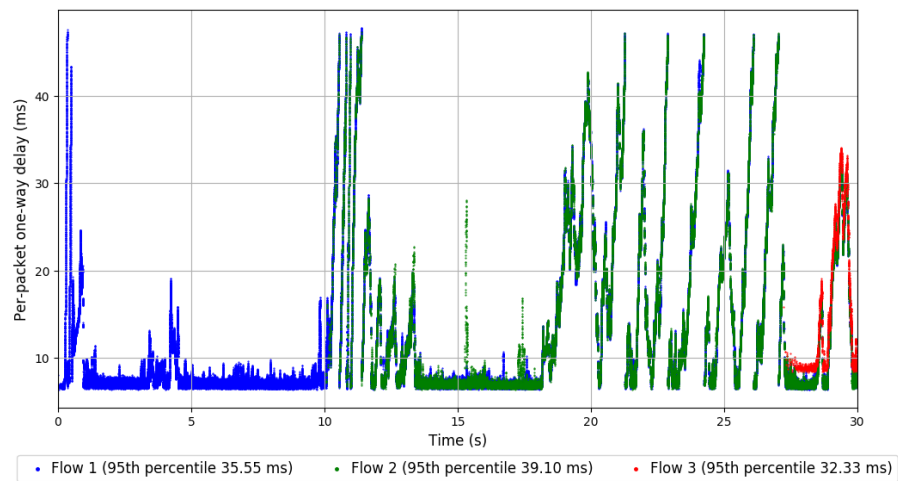
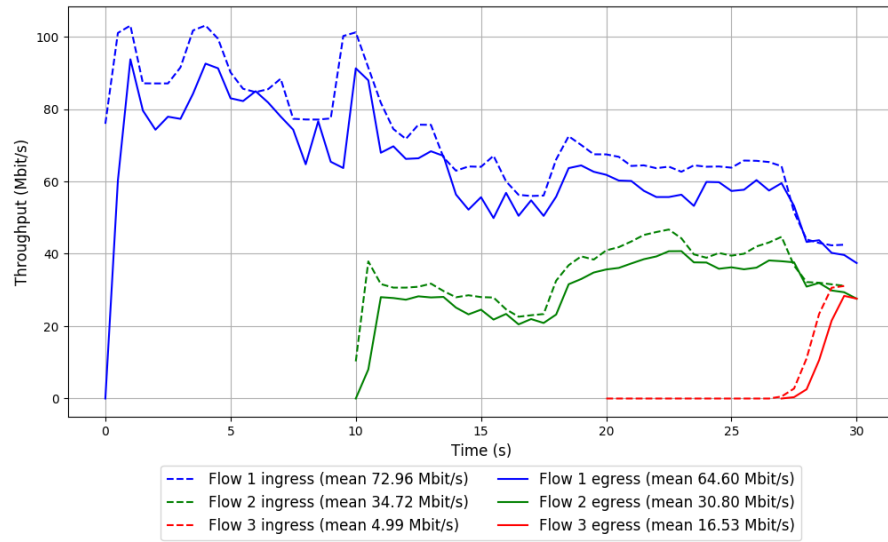


Run 5: Statistics of TCP BBR

Start at: 2018-08-01 09:16:56
End at: 2018-08-01 09:17:26
Local clock offset: 1.712 ms
Remote clock offset: -6.954 ms

Below is generated by plot.py at 2018-08-01 11:05:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.63 Mbit/s
95th percentile per-packet one-way delay: 36.789 ms
Loss rate: 11.37%
-- Flow 1:
Average throughput: 64.60 Mbit/s
95th percentile per-packet one-way delay: 35.546 ms
Loss rate: 11.47%
-- Flow 2:
Average throughput: 30.80 Mbit/s
95th percentile per-packet one-way delay: 39.098 ms
Loss rate: 11.28%
-- Flow 3:
Average throughput: 16.53 Mbit/s
95th percentile per-packet one-way delay: 32.334 ms
Loss rate: 8.52%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-08-01 09:36:56

End at: 2018-08-01 09:37:26

Local clock offset: -0.091 ms

Remote clock offset: -7.16 ms

Below is generated by plot.py at 2018-08-01 11:05:12

Datalink statistics

-- Total of 3 flows:

Average throughput: 83.10 Mbit/s

95th percentile per-packet one-way delay: 26.282 ms

Loss rate: 13.39%

-- Flow 1:

Average throughput: 56.54 Mbit/s

95th percentile per-packet one-way delay: 22.419 ms

Loss rate: 12.98%

-- Flow 2:

Average throughput: 25.83 Mbit/s

95th percentile per-packet one-way delay: 33.592 ms

Loss rate: 13.76%

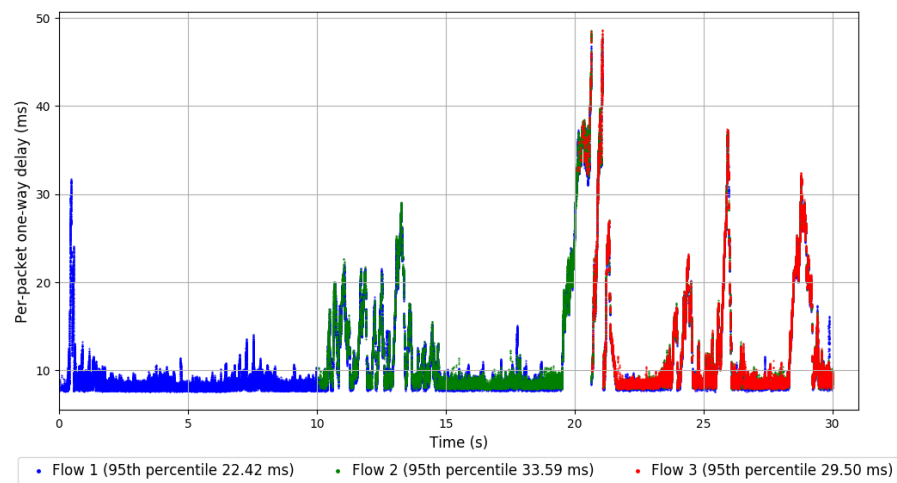
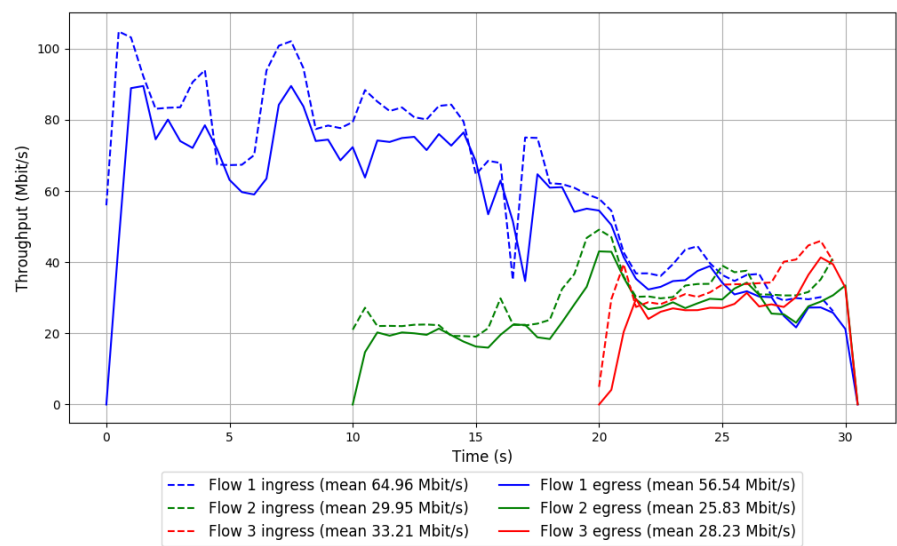
-- Flow 3:

Average throughput: 28.23 Mbit/s

95th percentile per-packet one-way delay: 29.501 ms

Loss rate: 15.20%

Run 6: Report of TCP BBR — Data Link

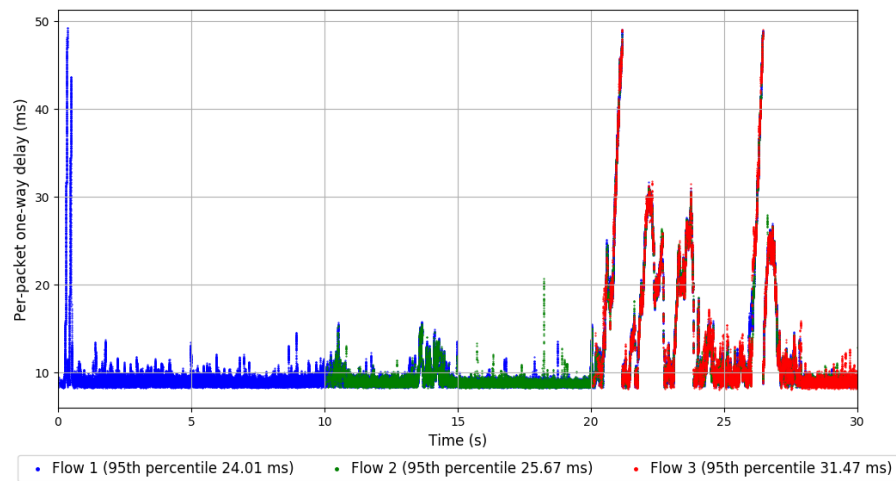
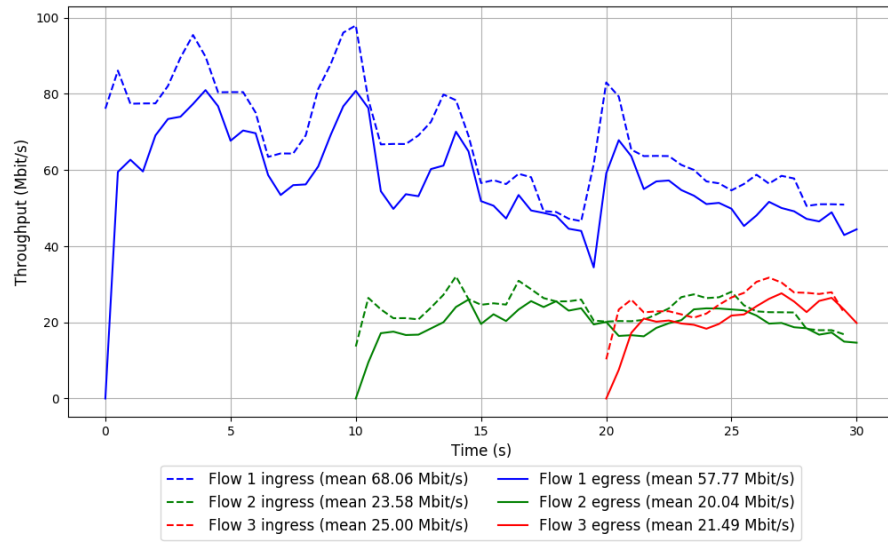


Run 7: Statistics of TCP BBR

Start at: 2018-08-01 09:56:56
End at: 2018-08-01 09:57:26
Local clock offset: 1.853 ms
Remote clock offset: -5.437 ms

Below is generated by plot.py at 2018-08-01 11:05:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.27 Mbit/s
95th percentile per-packet one-way delay: 25.276 ms
Loss rate: 15.00%
-- Flow 1:
Average throughput: 57.77 Mbit/s
95th percentile per-packet one-way delay: 24.012 ms
Loss rate: 15.12%
-- Flow 2:
Average throughput: 20.04 Mbit/s
95th percentile per-packet one-way delay: 25.672 ms
Loss rate: 15.00%
-- Flow 3:
Average throughput: 21.49 Mbit/s
95th percentile per-packet one-way delay: 31.471 ms
Loss rate: 14.07%

Run 7: Report of TCP BBR — Data Link

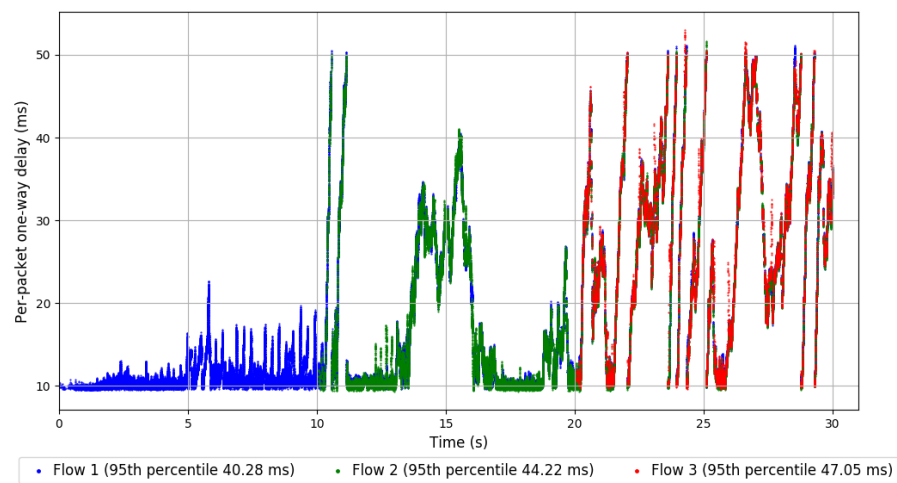
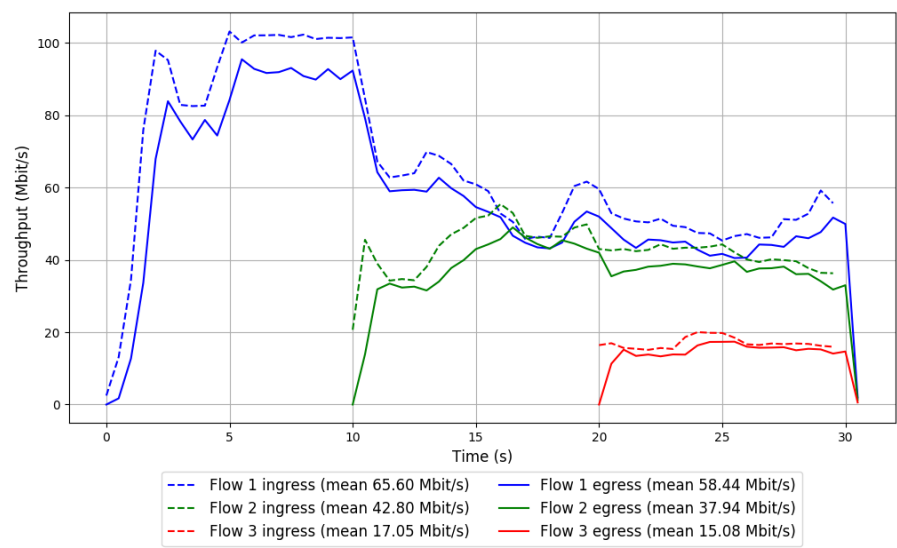


Run 8: Statistics of TCP BBR

Start at: 2018-08-01 10:17:07
End at: 2018-08-01 10:17:37
Local clock offset: 0.612 ms
Remote clock offset: -10.616 ms

Below is generated by plot.py at 2018-08-01 11:05:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.75 Mbit/s
95th percentile per-packet one-way delay: 42.636 ms
Loss rate: 10.98%
-- Flow 1:
Average throughput: 58.44 Mbit/s
95th percentile per-packet one-way delay: 40.277 ms
Loss rate: 10.84%
-- Flow 2:
Average throughput: 37.94 Mbit/s
95th percentile per-packet one-way delay: 44.221 ms
Loss rate: 11.25%
-- Flow 3:
Average throughput: 15.08 Mbit/s
95th percentile per-packet one-way delay: 47.052 ms
Loss rate: 11.34%

Run 8: Report of TCP BBR — Data Link

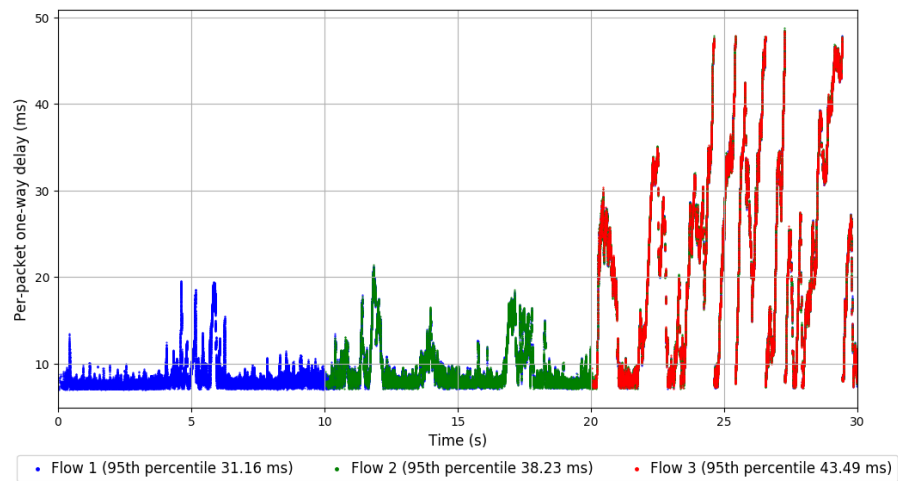
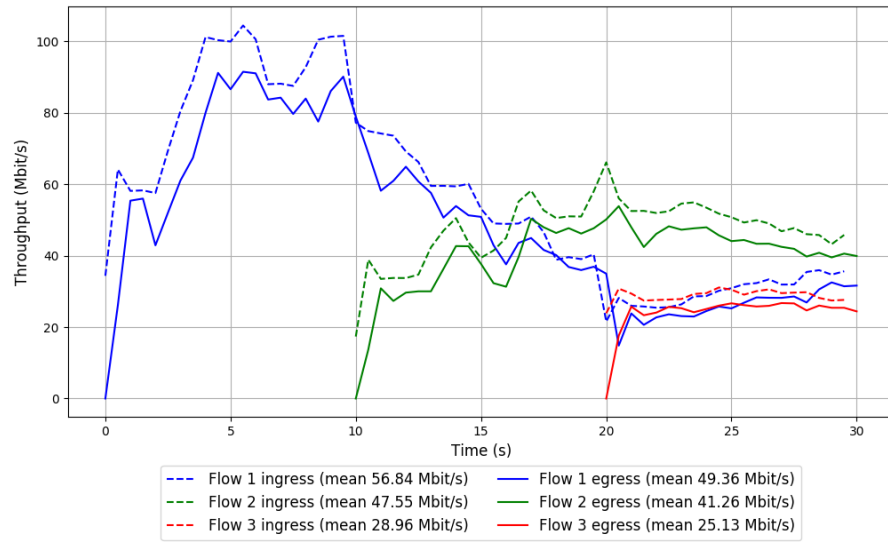


Run 9: Statistics of TCP BBR

Start at: 2018-08-01 10:37:16
End at: 2018-08-01 10:37:46
Local clock offset: 3.15 ms
Remote clock offset: -11.844 ms

Below is generated by plot.py at 2018-08-01 11:05:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.19 Mbit/s
95th percentile per-packet one-way delay: 35.259 ms
Loss rate: 13.18%
-- Flow 1:
Average throughput: 49.36 Mbit/s
95th percentile per-packet one-way delay: 31.161 ms
Loss rate: 13.16%
-- Flow 2:
Average throughput: 41.26 Mbit/s
95th percentile per-packet one-way delay: 38.227 ms
Loss rate: 13.21%
-- Flow 3:
Average throughput: 25.13 Mbit/s
95th percentile per-packet one-way delay: 43.488 ms
Loss rate: 13.20%

Run 9: Report of TCP BBR — Data Link

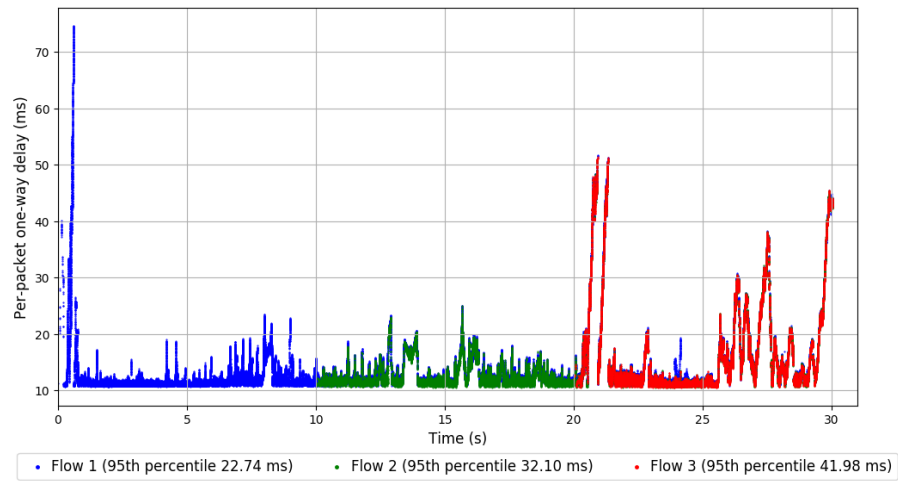
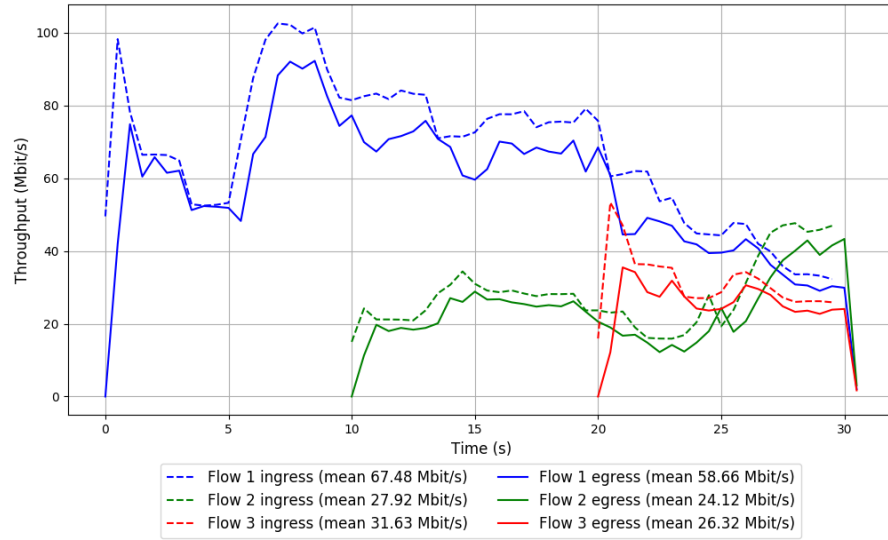


Run 10: Statistics of TCP BBR

Start at: 2018-08-01 10:56:58
End at: 2018-08-01 10:57:28
Local clock offset: 0.454 ms
Remote clock offset: -12.972 ms

Below is generated by plot.py at 2018-08-01 11:05:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.52 Mbit/s
95th percentile per-packet one-way delay: 28.382 ms
Loss rate: 13.47%
-- Flow 1:
Average throughput: 58.66 Mbit/s
95th percentile per-packet one-way delay: 22.744 ms
Loss rate: 12.99%
-- Flow 2:
Average throughput: 24.12 Mbit/s
95th percentile per-packet one-way delay: 32.105 ms
Loss rate: 13.49%
-- Flow 3:
Average throughput: 26.32 Mbit/s
95th percentile per-packet one-way delay: 41.977 ms
Loss rate: 16.55%

Run 10: Report of TCP BBR — Data Link

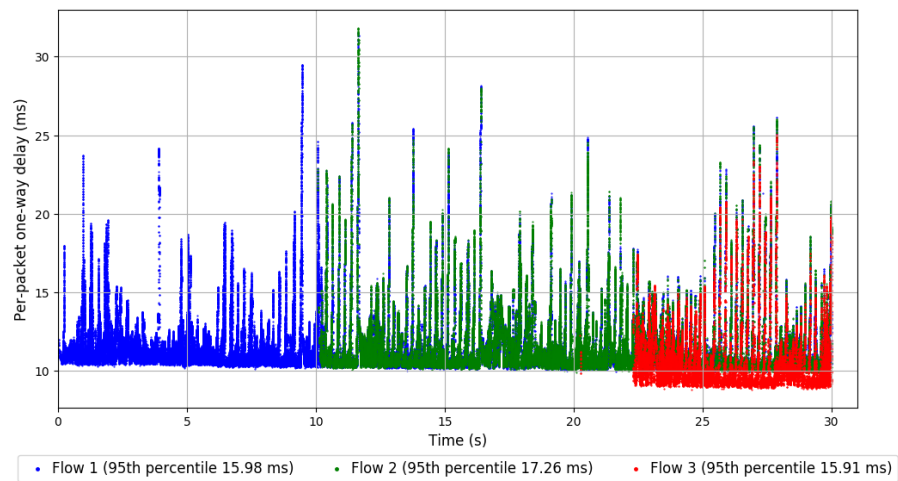
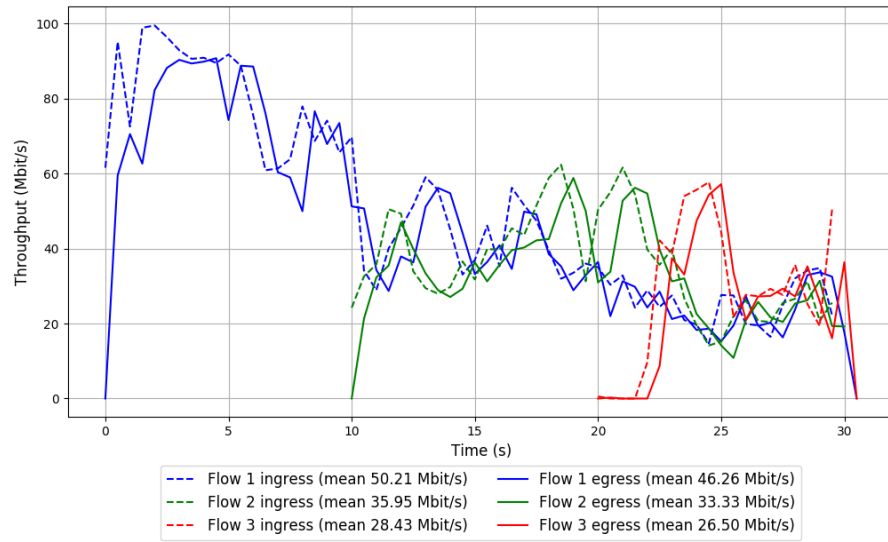


Run 1: Statistics of Copa

Start at: 2018-08-01 07:46:48
End at: 2018-08-01 07:47:18
Local clock offset: 0.167 ms
Remote clock offset: -11.927 ms

Below is generated by plot.py at 2018-08-01 11:06:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.09 Mbit/s
95th percentile per-packet one-way delay: 16.366 ms
Loss rate: 7.80%
-- Flow 1:
Average throughput: 46.26 Mbit/s
95th percentile per-packet one-way delay: 15.979 ms
Loss rate: 7.87%
-- Flow 2:
Average throughput: 33.33 Mbit/s
95th percentile per-packet one-way delay: 17.262 ms
Loss rate: 7.30%
-- Flow 3:
Average throughput: 26.50 Mbit/s
95th percentile per-packet one-way delay: 15.914 ms
Loss rate: 8.68%

Run 1: Report of Copa — Data Link

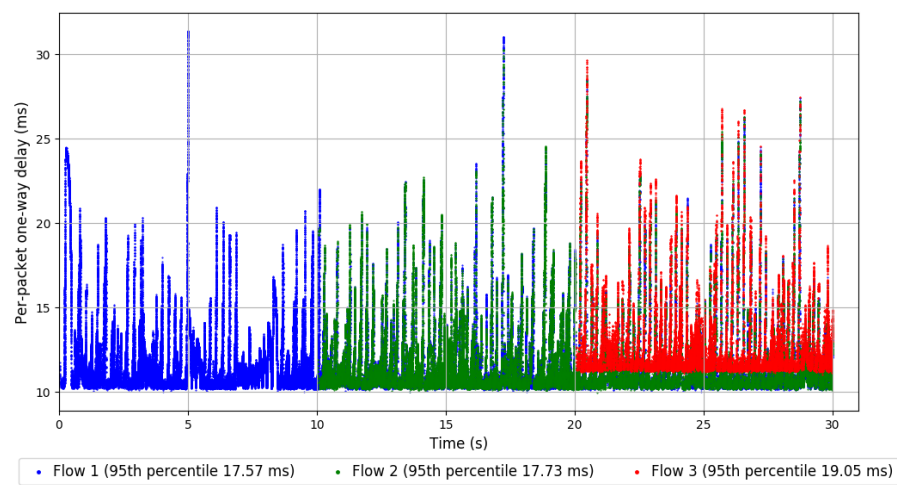
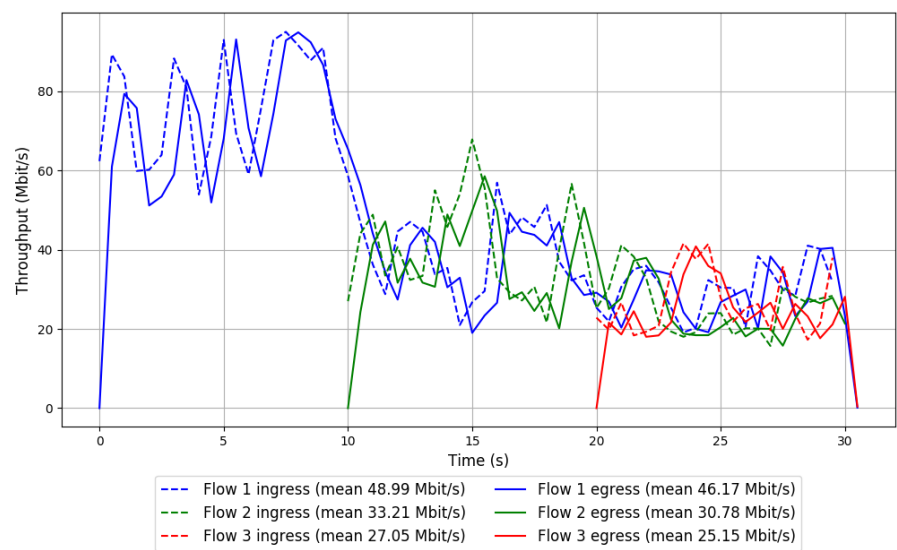


Run 2: Statistics of Copa

Start at: 2018-08-01 08:06:28
End at: 2018-08-01 08:06:58
Local clock offset: -0.209 ms
Remote clock offset: -3.129 ms

Below is generated by plot.py at 2018-08-01 11:06:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.04 Mbit/s
95th percentile per-packet one-way delay: 17.797 ms
Loss rate: 6.32%
-- Flow 1:
Average throughput: 46.17 Mbit/s
95th percentile per-packet one-way delay: 17.575 ms
Loss rate: 5.74%
-- Flow 2:
Average throughput: 30.78 Mbit/s
95th percentile per-packet one-way delay: 17.732 ms
Loss rate: 7.32%
-- Flow 3:
Average throughput: 25.15 Mbit/s
95th percentile per-packet one-way delay: 19.051 ms
Loss rate: 7.00%

Run 2: Report of Copa — Data Link

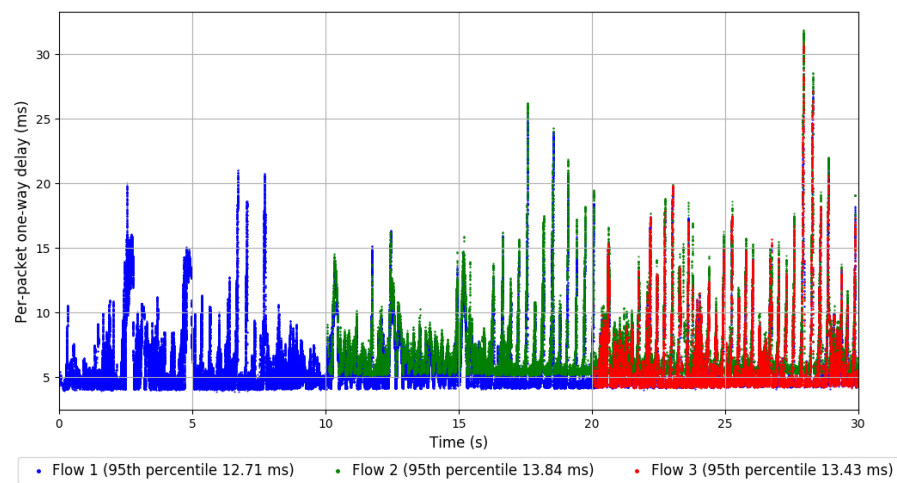
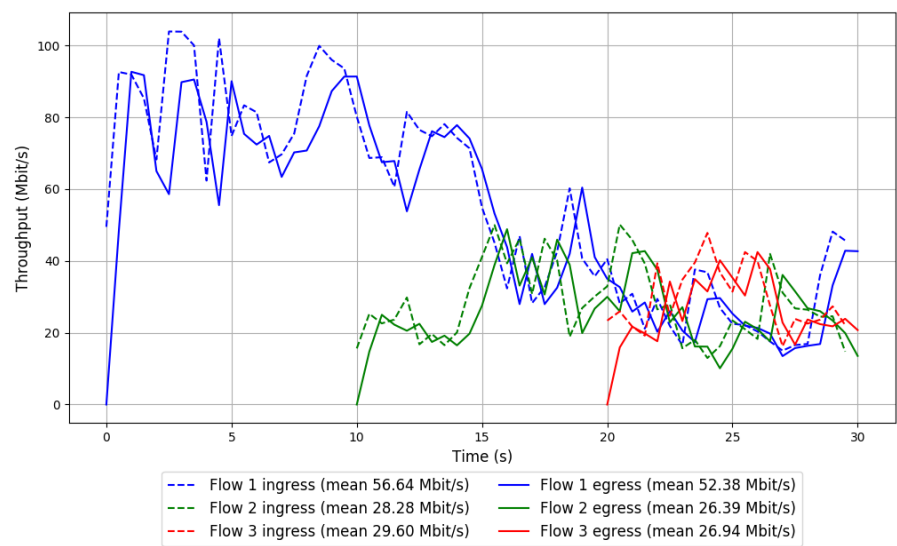


Run 3: Statistics of Copa

Start at: 2018-08-01 08:26:00
End at: 2018-08-01 08:26:30
Local clock offset: 0.962 ms
Remote clock offset: -10.473 ms

Below is generated by plot.py at 2018-08-01 11:06:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.91 Mbit/s
95th percentile per-packet one-way delay: 13.006 ms
Loss rate: 7.53%
-- Flow 1:
Average throughput: 52.38 Mbit/s
95th percentile per-packet one-way delay: 12.713 ms
Loss rate: 7.53%
-- Flow 2:
Average throughput: 26.39 Mbit/s
95th percentile per-packet one-way delay: 13.843 ms
Loss rate: 6.70%
-- Flow 3:
Average throughput: 26.94 Mbit/s
95th percentile per-packet one-way delay: 13.427 ms
Loss rate: 9.06%

Run 3: Report of Copa — Data Link

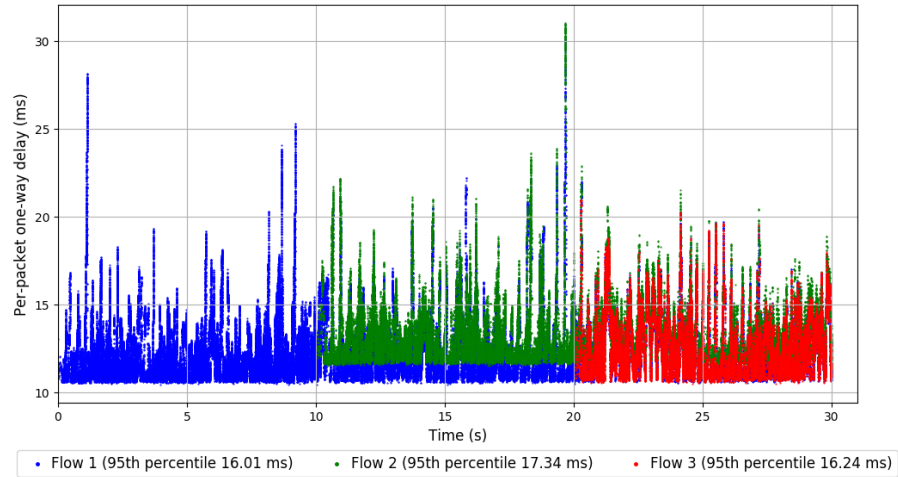
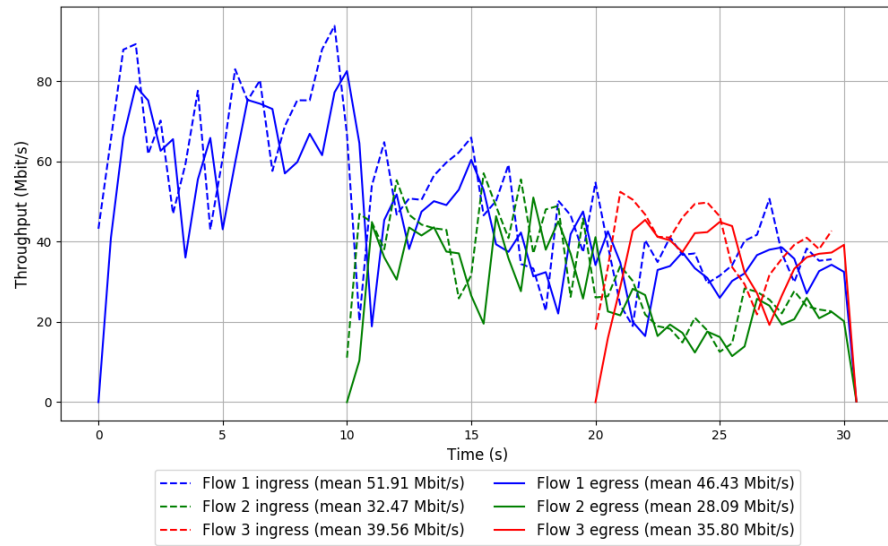


Run 4: Statistics of Copa

Start at: 2018-08-01 08:45:41
End at: 2018-08-01 08:46:11
Local clock offset: 0.732 ms
Remote clock offset: -9.105 ms

Below is generated by plot.py at 2018-08-01 11:06:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.04 Mbit/s
95th percentile per-packet one-way delay: 16.387 ms
Loss rate: 11.14%
-- Flow 1:
Average throughput: 46.43 Mbit/s
95th percentile per-packet one-way delay: 16.014 ms
Loss rate: 10.57%
-- Flow 2:
Average throughput: 28.09 Mbit/s
95th percentile per-packet one-way delay: 17.339 ms
Loss rate: 13.48%
-- Flow 3:
Average throughput: 35.80 Mbit/s
95th percentile per-packet one-way delay: 16.238 ms
Loss rate: 9.52%

Run 4: Report of Copa — Data Link

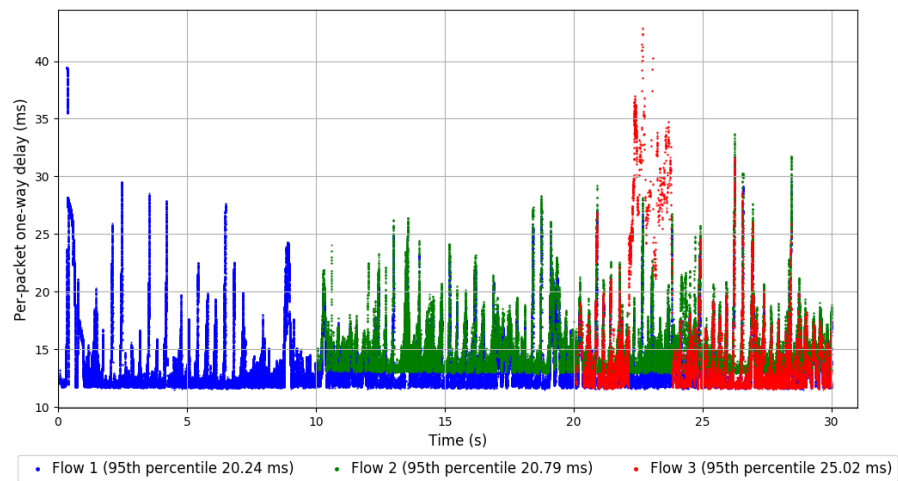
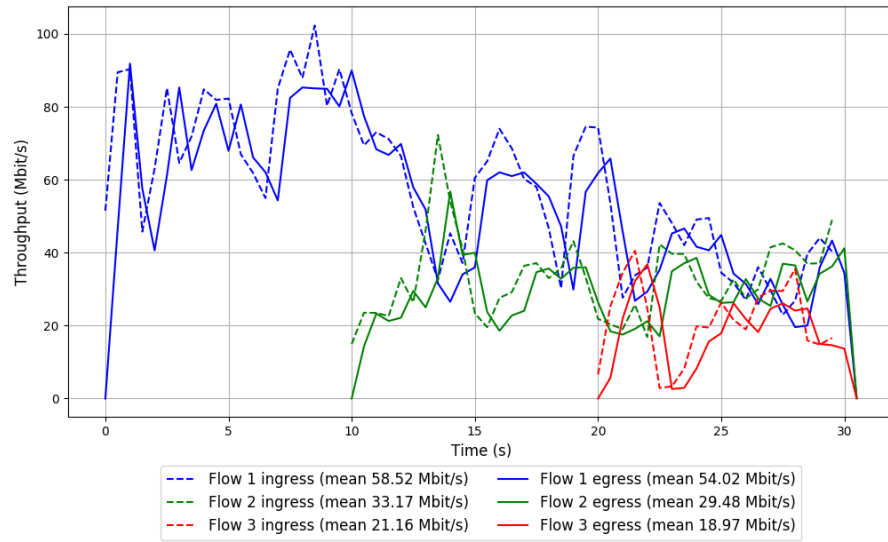


Run 5: Statistics of Copa

Start at: 2018-08-01 09:06:08
End at: 2018-08-01 09:06:38
Local clock offset: 0.118 ms
Remote clock offset: -5.875 ms

Below is generated by plot.py at 2018-08-01 11:06:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.96 Mbit/s
95th percentile per-packet one-way delay: 20.675 ms
Loss rate: 8.77%
-- Flow 1:
Average throughput: 54.02 Mbit/s
95th percentile per-packet one-way delay: 20.244 ms
Loss rate: 7.69%
-- Flow 2:
Average throughput: 29.48 Mbit/s
95th percentile per-packet one-way delay: 20.786 ms
Loss rate: 11.13%
-- Flow 3:
Average throughput: 18.97 Mbit/s
95th percentile per-packet one-way delay: 25.019 ms
Loss rate: 10.39%

Run 5: Report of Copa — Data Link

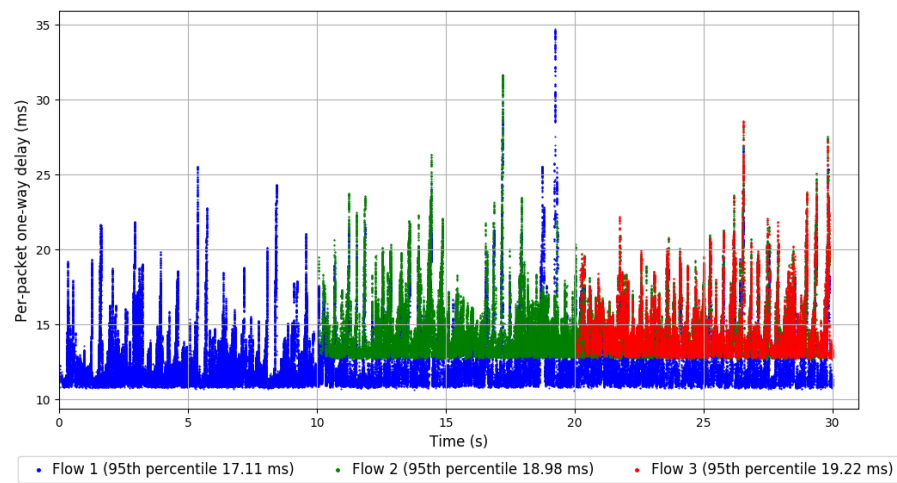
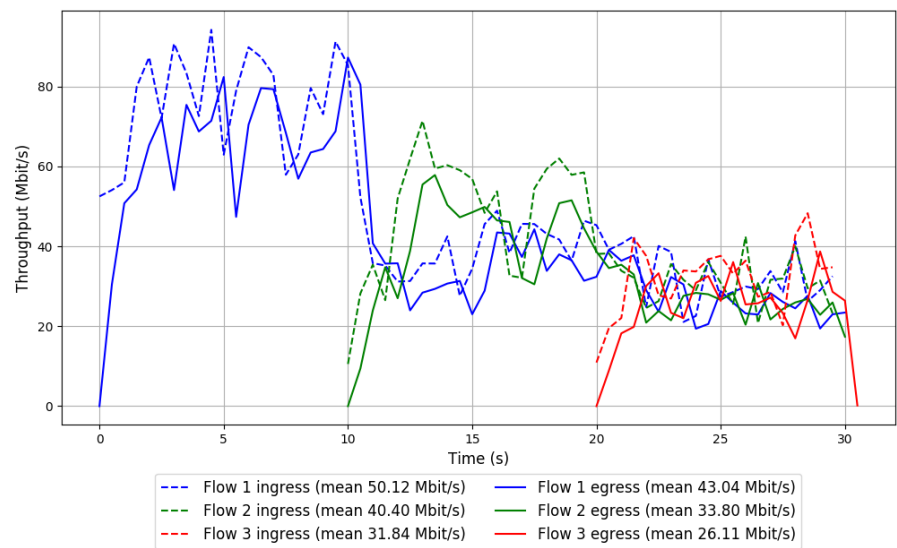


Run 6: Statistics of Copa

Start at: 2018-08-01 09:26:15
End at: 2018-08-01 09:26:45
Local clock offset: -0.658 ms
Remote clock offset: -3.883 ms

Below is generated by plot.py at 2018-08-01 11:06:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.21 Mbit/s
95th percentile per-packet one-way delay: 18.158 ms
Loss rate: 15.28%
-- Flow 1:
Average throughput: 43.04 Mbit/s
95th percentile per-packet one-way delay: 17.106 ms
Loss rate: 14.13%
-- Flow 2:
Average throughput: 33.80 Mbit/s
95th percentile per-packet one-way delay: 18.982 ms
Loss rate: 16.34%
-- Flow 3:
Average throughput: 26.11 Mbit/s
95th percentile per-packet one-way delay: 19.218 ms
Loss rate: 18.00%

Run 6: Report of Copa — Data Link

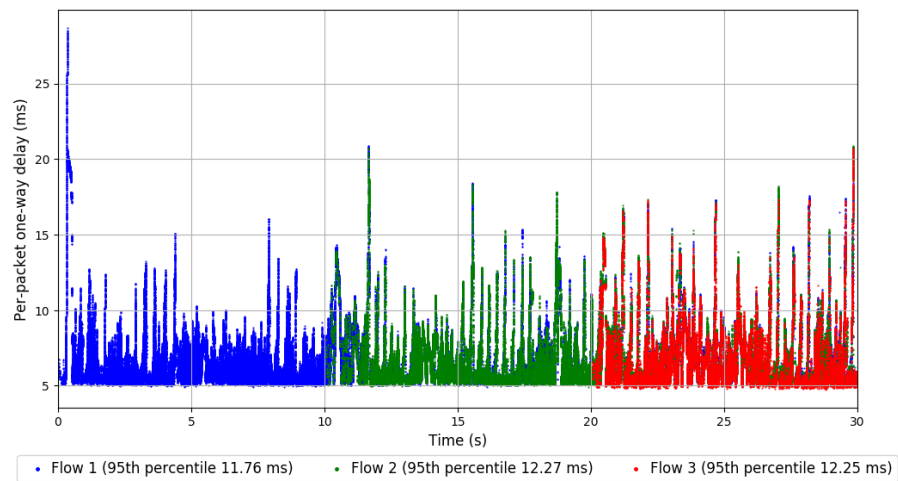
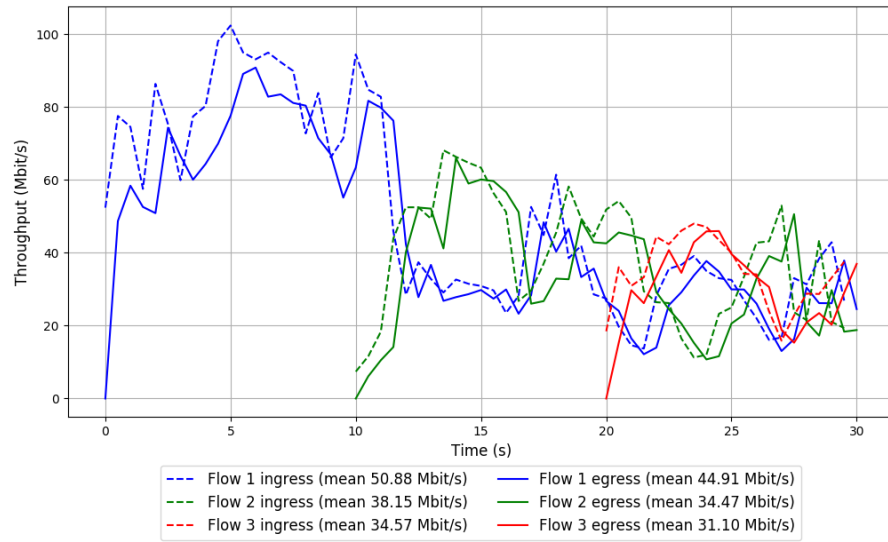


Run 7: Statistics of Copa

Start at: 2018-08-01 09:46:10
End at: 2018-08-01 09:46:40
Local clock offset: 2.793 ms
Remote clock offset: -7.513 ms

Below is generated by plot.py at 2018-08-01 11:07:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.20 Mbit/s
95th percentile per-packet one-way delay: 11.951 ms
Loss rate: 10.91%
-- Flow 1:
Average throughput: 44.91 Mbit/s
95th percentile per-packet one-way delay: 11.759 ms
Loss rate: 11.74%
-- Flow 2:
Average throughput: 34.47 Mbit/s
95th percentile per-packet one-way delay: 12.267 ms
Loss rate: 9.63%
-- Flow 3:
Average throughput: 31.10 Mbit/s
95th percentile per-packet one-way delay: 12.248 ms
Loss rate: 10.10%

Run 7: Report of Copa — Data Link

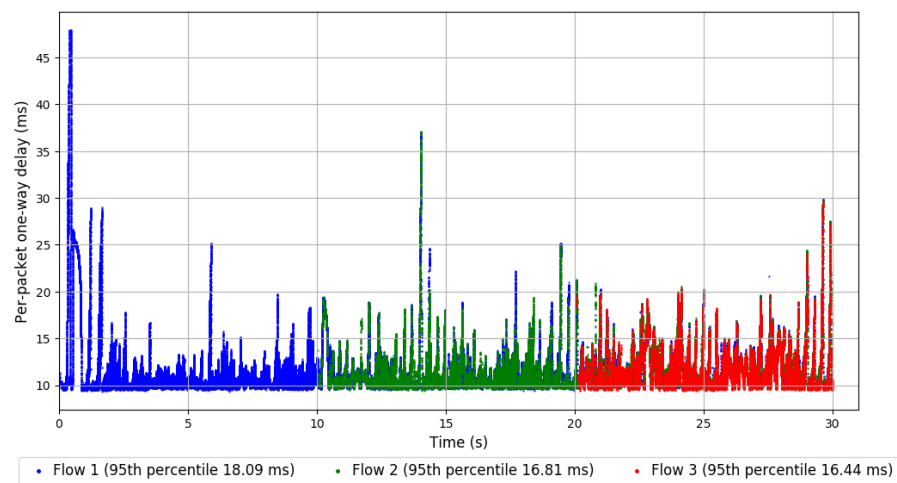
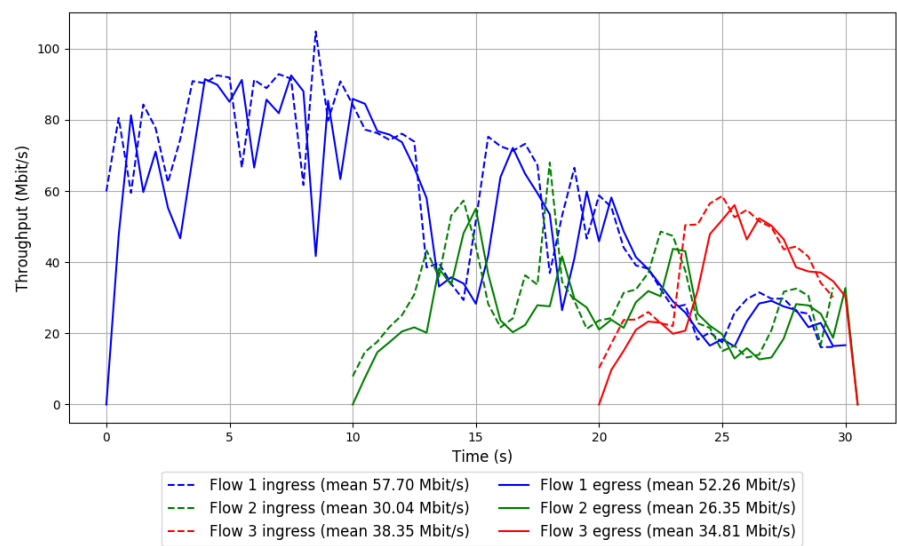


Run 8: Statistics of Copa

Start at: 2018-08-01 10:06:25
End at: 2018-08-01 10:06:55
Local clock offset: 0.427 ms
Remote clock offset: -7.664 ms

Below is generated by plot.py at 2018-08-01 11:07:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.37 Mbit/s
95th percentile per-packet one-way delay: 17.351 ms
Loss rate: 10.03%
-- Flow 1:
Average throughput: 52.26 Mbit/s
95th percentile per-packet one-way delay: 18.086 ms
Loss rate: 9.42%
-- Flow 2:
Average throughput: 26.35 Mbit/s
95th percentile per-packet one-way delay: 16.807 ms
Loss rate: 12.30%
-- Flow 3:
Average throughput: 34.81 Mbit/s
95th percentile per-packet one-way delay: 16.439 ms
Loss rate: 9.23%

Run 8: Report of Copa — Data Link

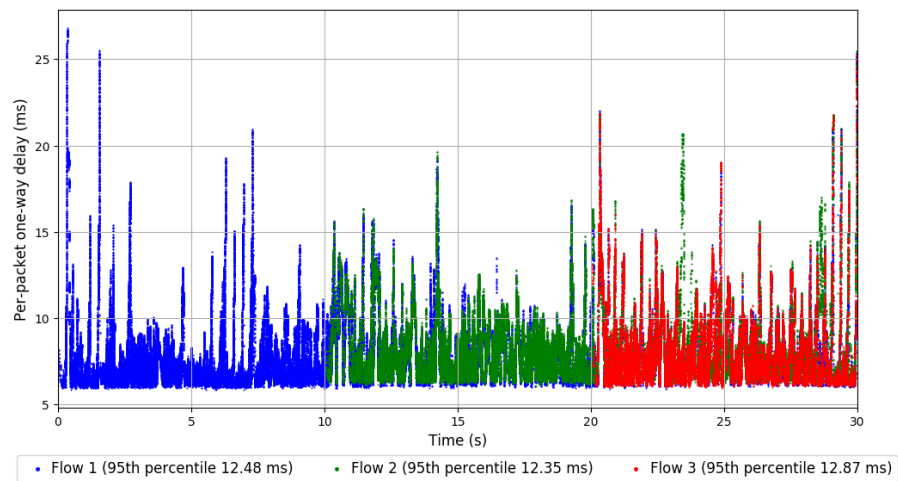
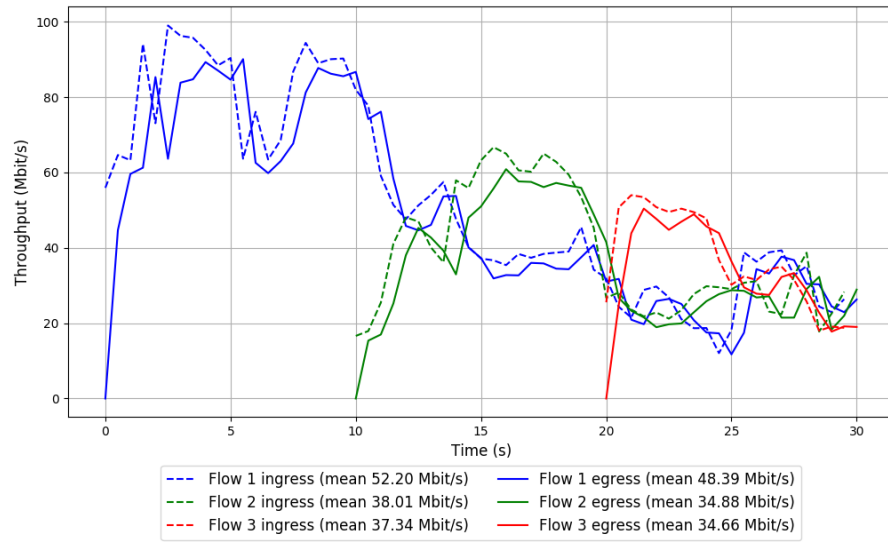


Run 9: Statistics of Copa

Start at: 2018-08-01 10:26:27
End at: 2018-08-01 10:26:57
Local clock offset: 2.838 ms
Remote clock offset: -12.815 ms

Below is generated by plot.py at 2018-08-01 11:08:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.15 Mbit/s
95th percentile per-packet one-way delay: 12.486 ms
Loss rate: 7.55%
-- Flow 1:
Average throughput: 48.39 Mbit/s
95th percentile per-packet one-way delay: 12.478 ms
Loss rate: 7.30%
-- Flow 2:
Average throughput: 34.88 Mbit/s
95th percentile per-packet one-way delay: 12.348 ms
Loss rate: 8.24%
-- Flow 3:
Average throughput: 34.66 Mbit/s
95th percentile per-packet one-way delay: 12.874 ms
Loss rate: 7.19%

Run 9: Report of Copa — Data Link

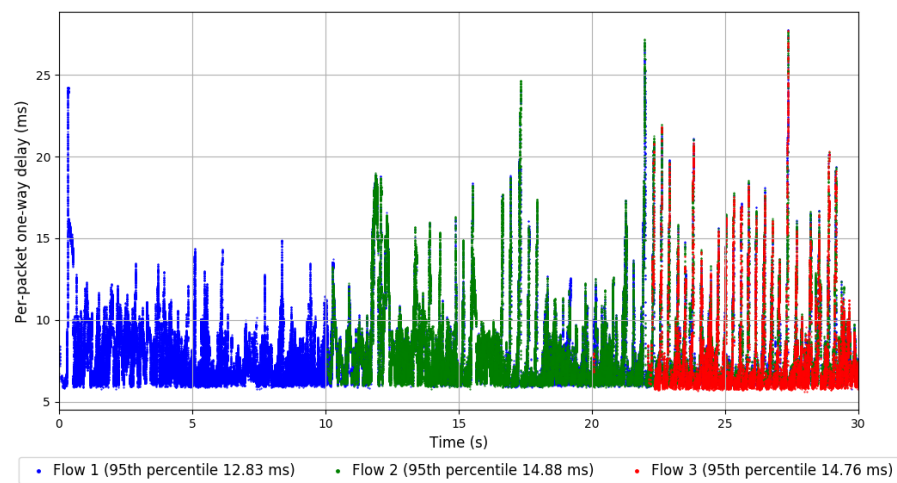
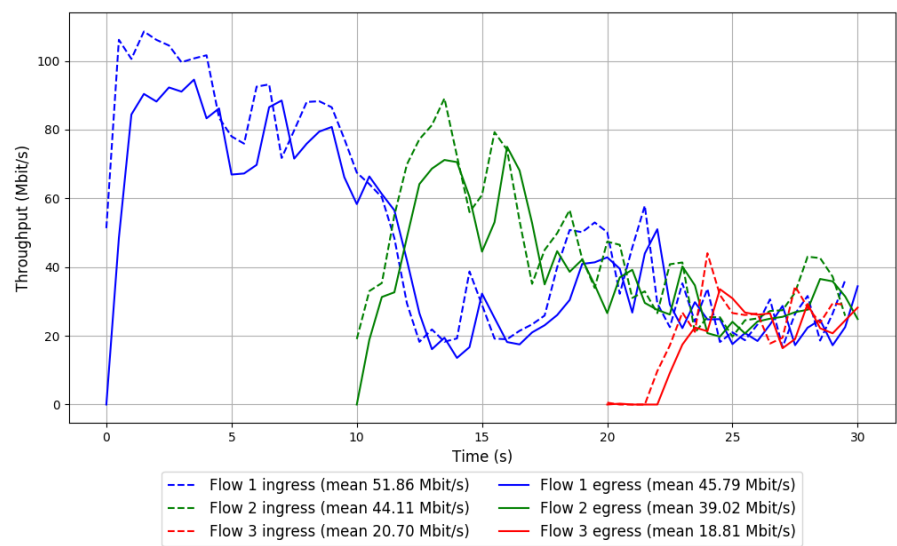


Run 10: Statistics of Copa

Start at: 2018-08-01 10:46:30
End at: 2018-08-01 10:47:00
Local clock offset: 3.363 ms
Remote clock offset: -14.591 ms

Below is generated by plot.py at 2018-08-01 11:08:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.04 Mbit/s
95th percentile per-packet one-way delay: 13.951 ms
Loss rate: 11.45%
-- Flow 1:
Average throughput: 45.79 Mbit/s
95th percentile per-packet one-way delay: 12.826 ms
Loss rate: 11.70%
-- Flow 2:
Average throughput: 39.02 Mbit/s
95th percentile per-packet one-way delay: 14.878 ms
Loss rate: 11.54%
-- Flow 3:
Average throughput: 18.81 Mbit/s
95th percentile per-packet one-way delay: 14.759 ms
Loss rate: 9.15%

Run 10: Report of Copa — Data Link

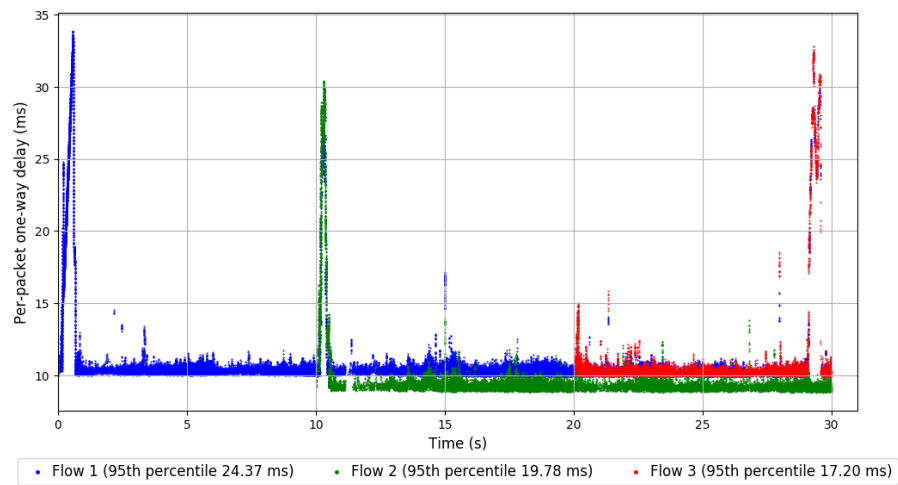
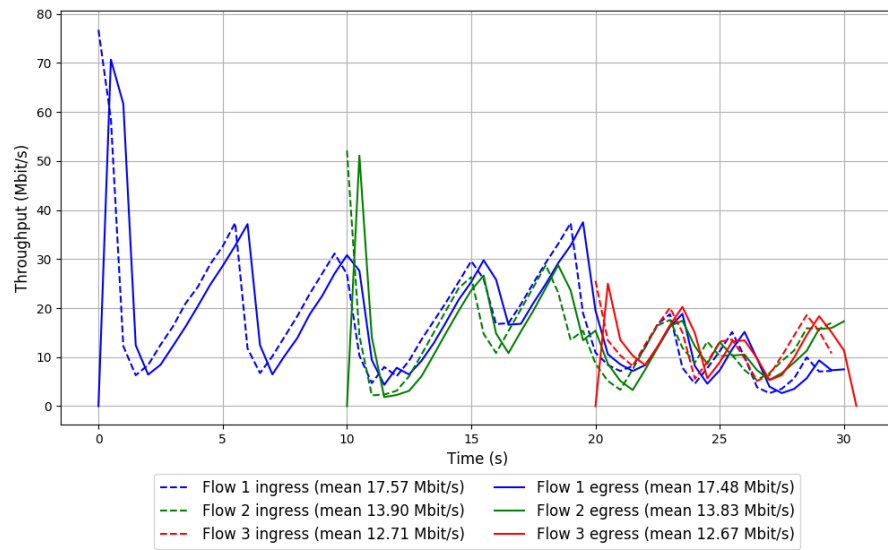


Run 1: Statistics of TCP Cubic

Start at: 2018-08-01 07:58:29
End at: 2018-08-01 07:58:59
Local clock offset: -0.987 ms
Remote clock offset: -6.773 ms

Below is generated by plot.py at 2018-08-01 11:08:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 30.91 Mbit/s
95th percentile per-packet one-way delay: 23.405 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 17.48 Mbit/s
95th percentile per-packet one-way delay: 24.374 ms
Loss rate: 0.46%
-- Flow 2:
Average throughput: 13.83 Mbit/s
95th percentile per-packet one-way delay: 19.777 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 12.67 Mbit/s
95th percentile per-packet one-way delay: 17.205 ms
Loss rate: 0.26%

Run 1: Report of TCP Cubic — Data Link

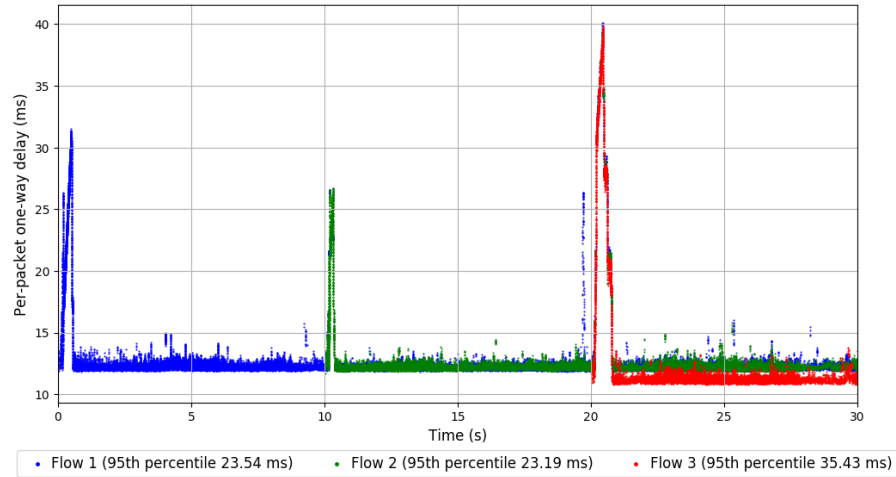
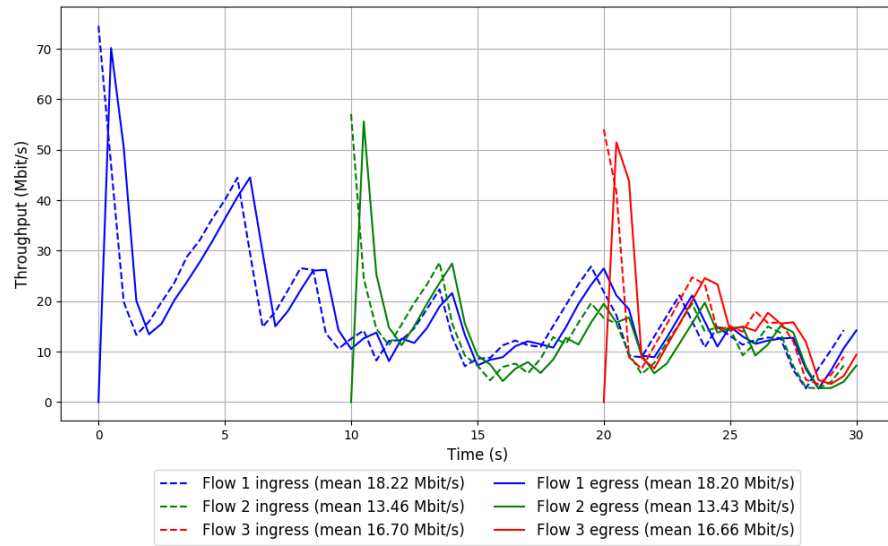


Run 2: Statistics of TCP Cubic

Start at: 2018-08-01 08:18:04
End at: 2018-08-01 08:18:34
Local clock offset: -1.909 ms
Remote clock offset: -3.026 ms

Below is generated by plot.py at 2018-08-01 11:08:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 32.68 Mbit/s
95th percentile per-packet one-way delay: 27.040 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 18.20 Mbit/s
95th percentile per-packet one-way delay: 23.535 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 13.43 Mbit/s
95th percentile per-packet one-way delay: 23.186 ms
Loss rate: 0.27%
-- Flow 3:
Average throughput: 16.66 Mbit/s
95th percentile per-packet one-way delay: 35.428 ms
Loss rate: 0.25%

Run 2: Report of TCP Cubic — Data Link

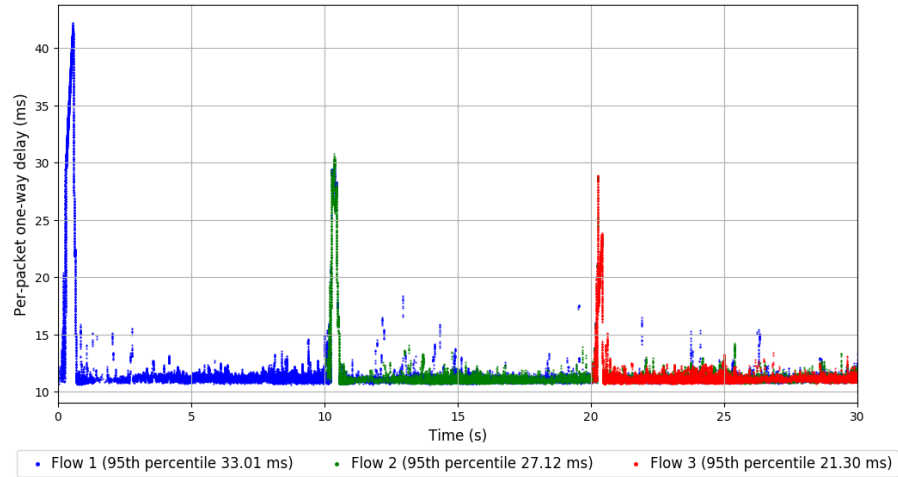
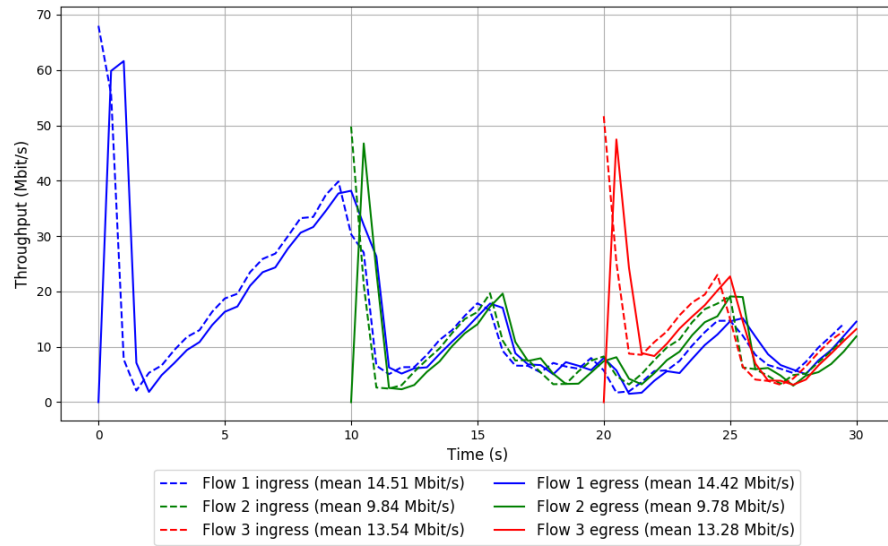


Run 3: Statistics of TCP Cubic

Start at: 2018-08-01 08:37:39
End at: 2018-08-01 08:38:09
Local clock offset: 0.499 ms
Remote clock offset: -9.094 ms

Below is generated by plot.py at 2018-08-01 11:08:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 25.36 Mbit/s
95th percentile per-packet one-way delay: 28.122 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 14.42 Mbit/s
95th percentile per-packet one-way delay: 33.014 ms
Loss rate: 0.60%
-- Flow 2:
Average throughput: 9.78 Mbit/s
95th percentile per-packet one-way delay: 27.119 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 13.28 Mbit/s
95th percentile per-packet one-way delay: 21.299 ms
Loss rate: 1.98%

Run 3: Report of TCP Cubic — Data Link

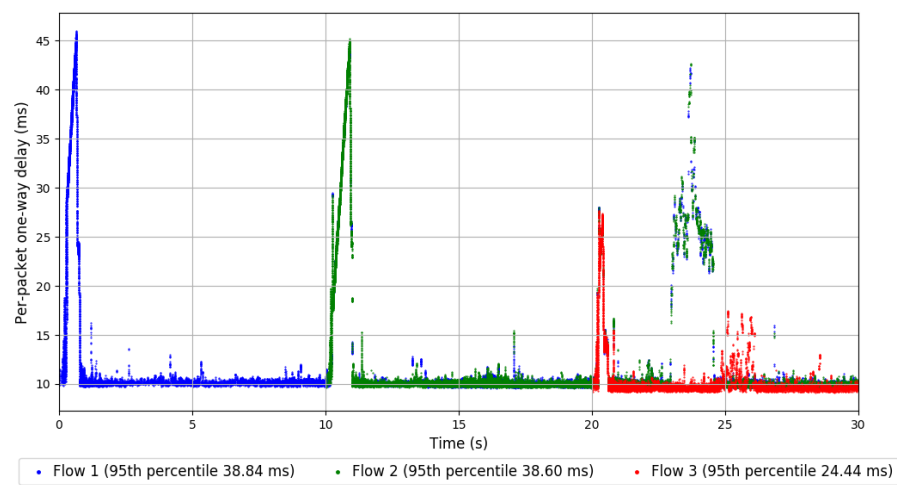
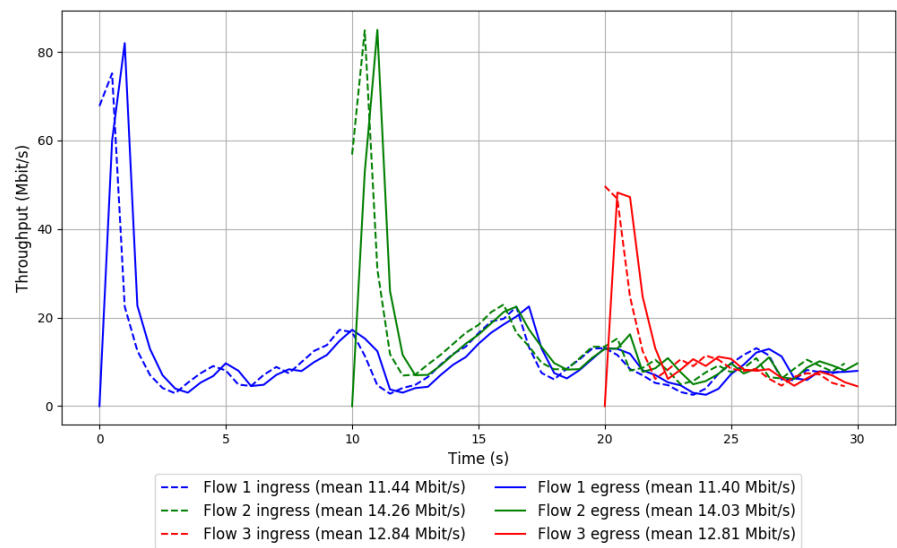


Run 4: Statistics of TCP Cubic

Start at: 2018-08-01 08:58:05
End at: 2018-08-01 08:58:35
Local clock offset: 0.53 ms
Remote clock offset: -10.131 ms

Below is generated by plot.py at 2018-08-01 11:08:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 25.02 Mbit/s
95th percentile per-packet one-way delay: 37.411 ms
Loss rate: 0.80%
-- Flow 1:
Average throughput: 11.40 Mbit/s
95th percentile per-packet one-way delay: 38.838 ms
Loss rate: 0.33%
-- Flow 2:
Average throughput: 14.03 Mbit/s
95th percentile per-packet one-way delay: 38.599 ms
Loss rate: 1.63%
-- Flow 3:
Average throughput: 12.81 Mbit/s
95th percentile per-packet one-way delay: 24.439 ms
Loss rate: 0.21%

Run 4: Report of TCP Cubic — Data Link

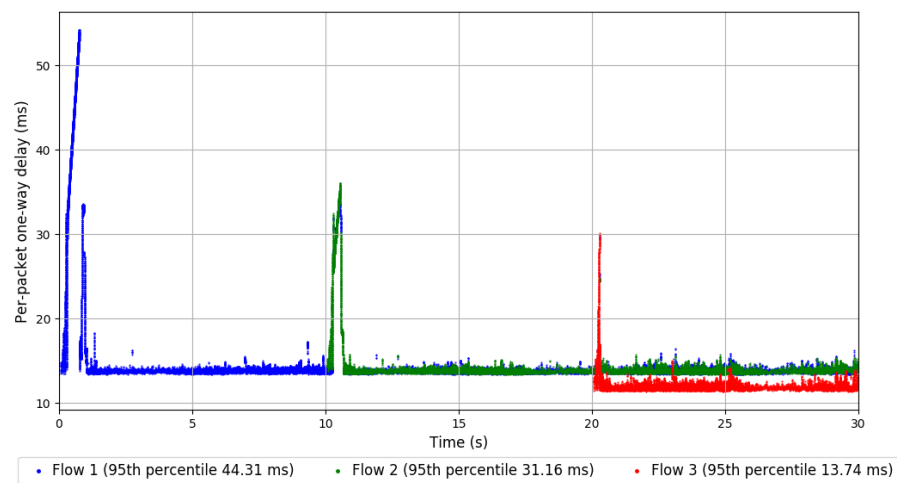
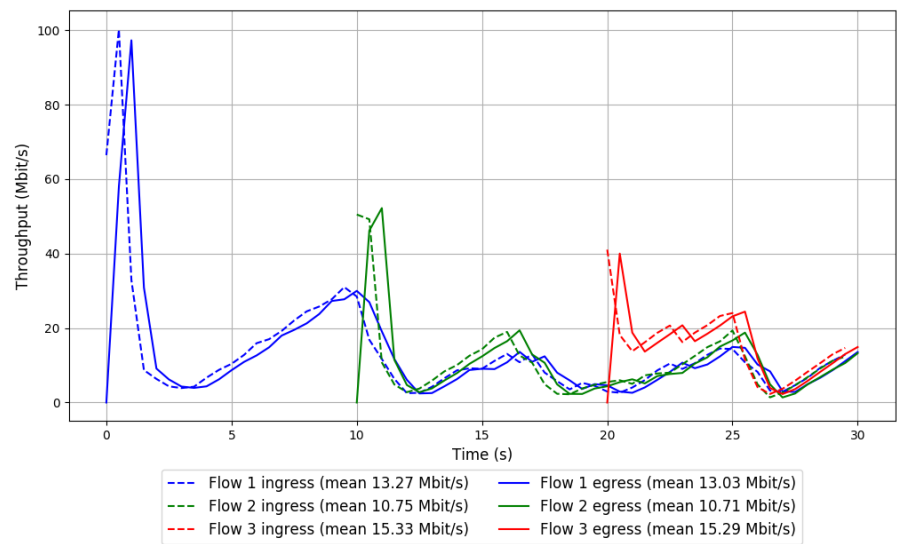


Run 5: Statistics of TCP Cubic

Start at: 2018-08-01 09:18:08
End at: 2018-08-01 09:18:38
Local clock offset: -0.41 ms
Remote clock offset: -3.926 ms

Below is generated by plot.py at 2018-08-01 11:08:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 25.25 Mbit/s
95th percentile per-packet one-way delay: 35.564 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 13.03 Mbit/s
95th percentile per-packet one-way delay: 44.314 ms
Loss rate: 1.81%
-- Flow 2:
Average throughput: 10.71 Mbit/s
95th percentile per-packet one-way delay: 31.163 ms
Loss rate: 0.33%
-- Flow 3:
Average throughput: 15.29 Mbit/s
95th percentile per-packet one-way delay: 13.738 ms
Loss rate: 0.23%

Run 5: Report of TCP Cubic — Data Link

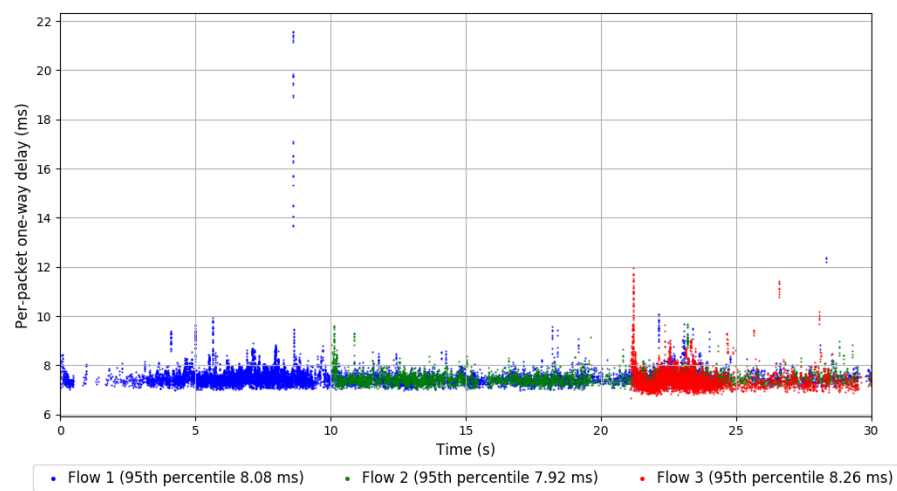
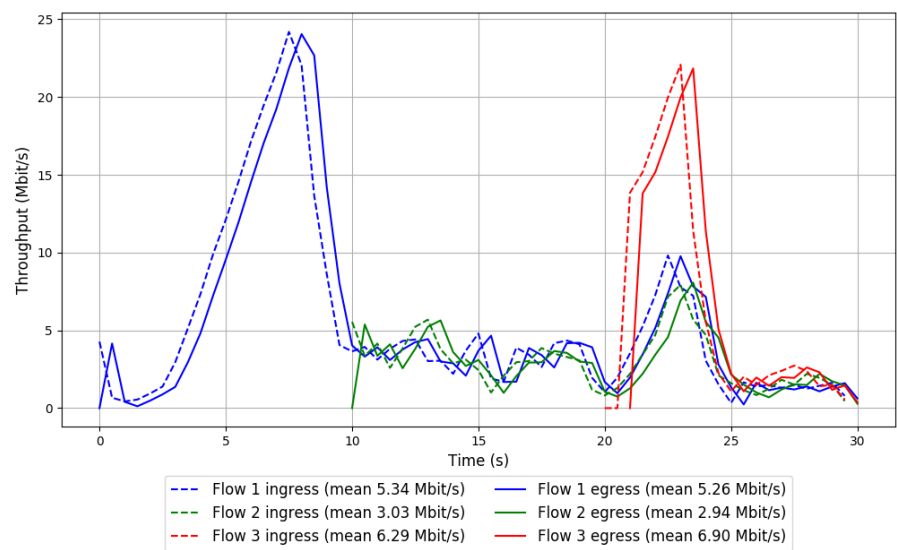


Run 6: Statistics of TCP Cubic

Start at: 2018-08-01 09:38:09
End at: 2018-08-01 09:38:39
Local clock offset: 1.332 ms
Remote clock offset: -6.637 ms

Below is generated by plot.py at 2018-08-01 11:08:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 9.27 Mbit/s
95th percentile per-packet one-way delay: 8.084 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 5.26 Mbit/s
95th percentile per-packet one-way delay: 8.080 ms
Loss rate: 1.59%
-- Flow 2:
Average throughput: 2.94 Mbit/s
95th percentile per-packet one-way delay: 7.920 ms
Loss rate: 3.04%
-- Flow 3:
Average throughput: 6.90 Mbit/s
95th percentile per-packet one-way delay: 8.255 ms
Loss rate: 1.67%

Run 6: Report of TCP Cubic — Data Link

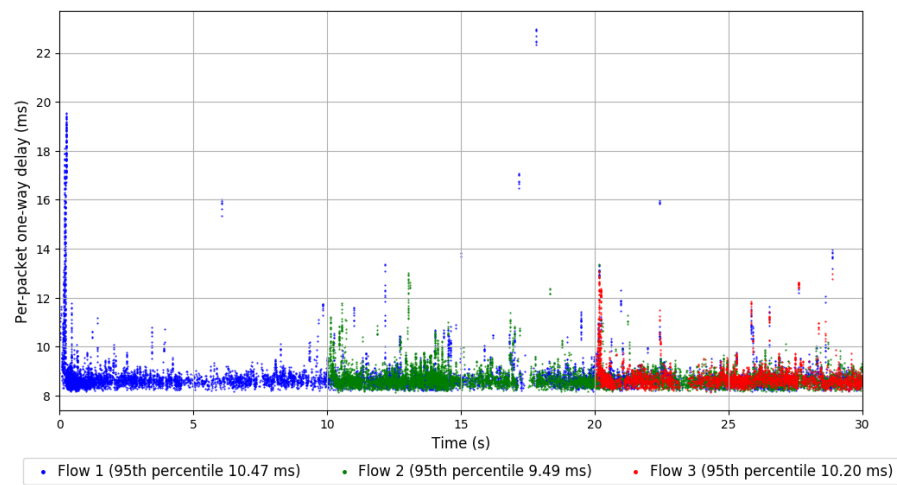
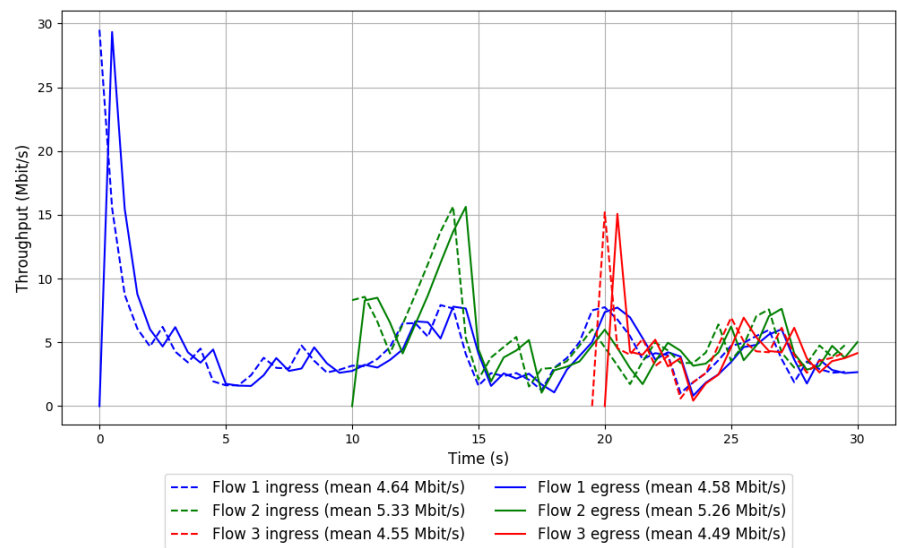


Run 7: Statistics of TCP Cubic

Start at: 2018-08-01 09:58:11
End at: 2018-08-01 09:58:41
Local clock offset: 2.119 ms
Remote clock offset: -5.281 ms

Below is generated by plot.py at 2018-08-01 11:08:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 9.58 Mbit/s
95th percentile per-packet one-way delay: 9.943 ms
Loss rate: 1.35%
-- Flow 1:
Average throughput: 4.58 Mbit/s
95th percentile per-packet one-way delay: 10.468 ms
Loss rate: 1.23%
-- Flow 2:
Average throughput: 5.26 Mbit/s
95th percentile per-packet one-way delay: 9.495 ms
Loss rate: 1.51%
-- Flow 3:
Average throughput: 4.49 Mbit/s
95th percentile per-packet one-way delay: 10.200 ms
Loss rate: 1.35%

Run 7: Report of TCP Cubic — Data Link

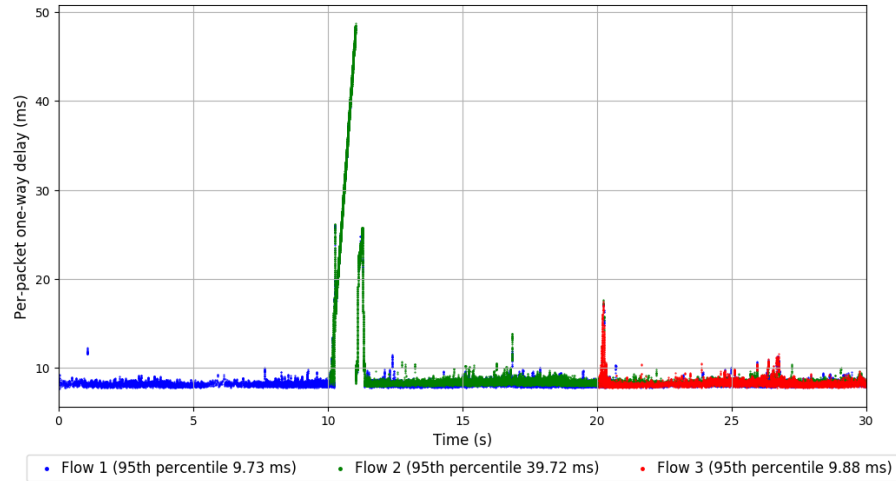
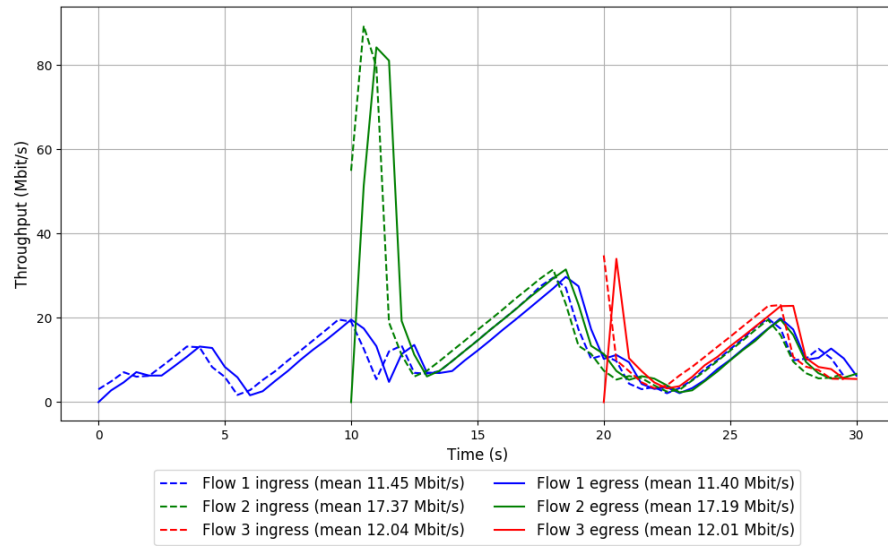


Run 8: Statistics of TCP Cubic

Start at: 2018-08-01 10:18:20
End at: 2018-08-01 10:18:50
Local clock offset: 2.948 ms
Remote clock offset: -10.044 ms

Below is generated by plot.py at 2018-08-01 11:08:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 26.84 Mbit/s
95th percentile per-packet one-way delay: 30.611 ms
Loss rate: 0.65%
-- Flow 1:
Average throughput: 11.40 Mbit/s
95th percentile per-packet one-way delay: 9.733 ms
Loss rate: 0.39%
-- Flow 2:
Average throughput: 17.19 Mbit/s
95th percentile per-packet one-way delay: 39.716 ms
Loss rate: 1.05%
-- Flow 3:
Average throughput: 12.01 Mbit/s
95th percentile per-packet one-way delay: 9.878 ms
Loss rate: 0.25%

Run 8: Report of TCP Cubic — Data Link

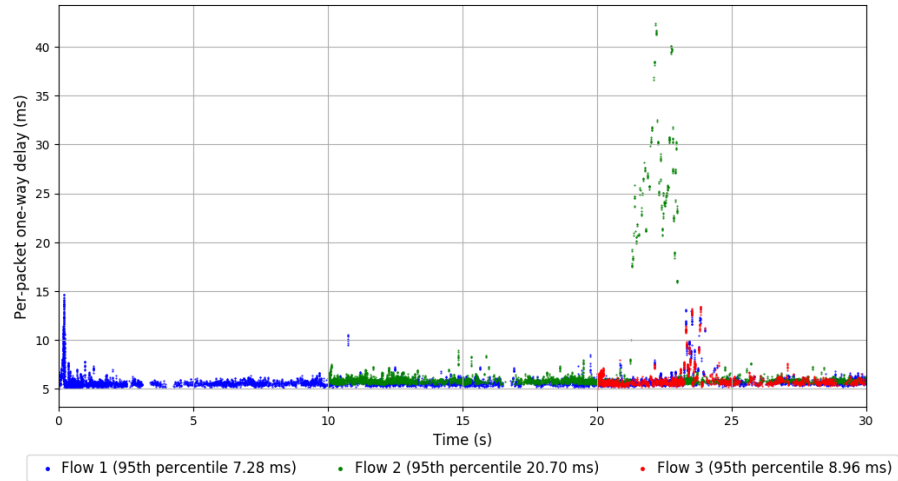
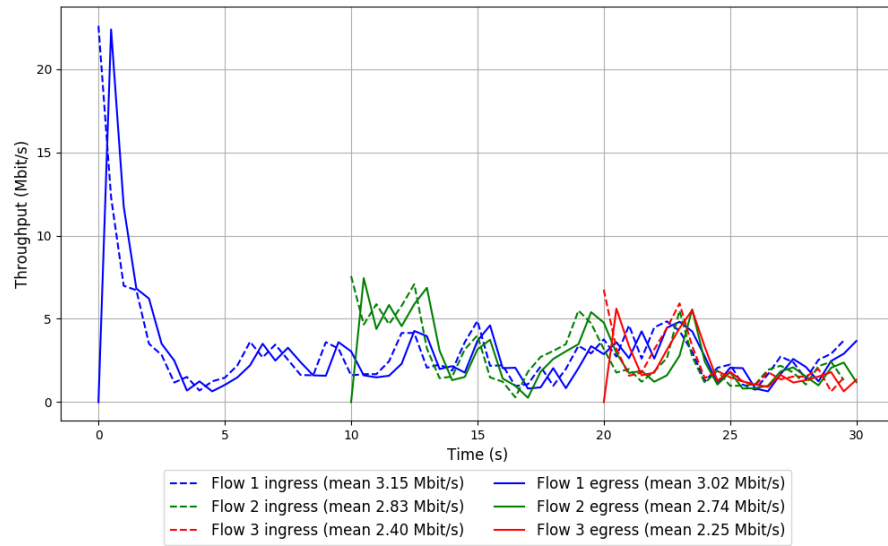


Run 9: Statistics of TCP Cubic

Start at: 2018-08-01 10:38:32
End at: 2018-08-01 10:39:02
Local clock offset: 2.937 ms
Remote clock offset: -14.206 ms

Below is generated by plot.py at 2018-08-01 11:08:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 5.59 Mbit/s
95th percentile per-packet one-way delay: 7.867 ms
Loss rate: 4.20%
-- Flow 1:
Average throughput: 3.02 Mbit/s
95th percentile per-packet one-way delay: 7.284 ms
Loss rate: 4.15%
-- Flow 2:
Average throughput: 2.74 Mbit/s
95th percentile per-packet one-way delay: 20.700 ms
Loss rate: 3.35%
-- Flow 3:
Average throughput: 2.25 Mbit/s
95th percentile per-packet one-way delay: 8.960 ms
Loss rate: 6.40%

Run 9: Report of TCP Cubic — Data Link

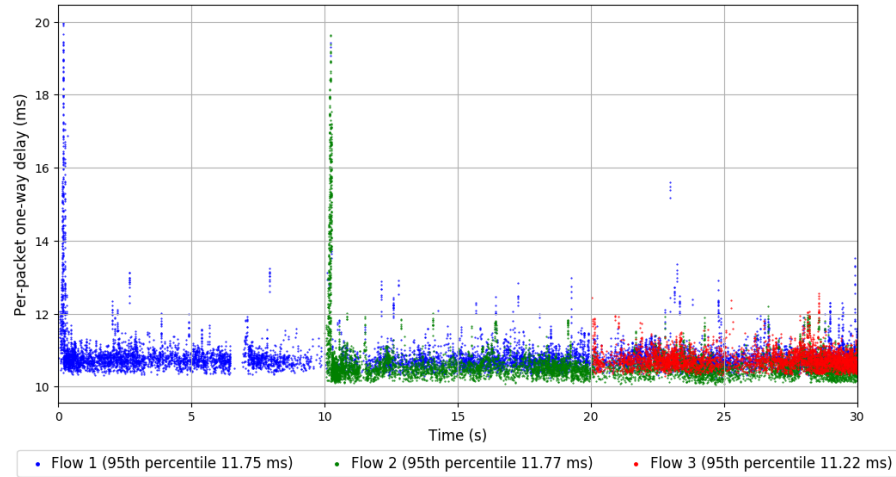
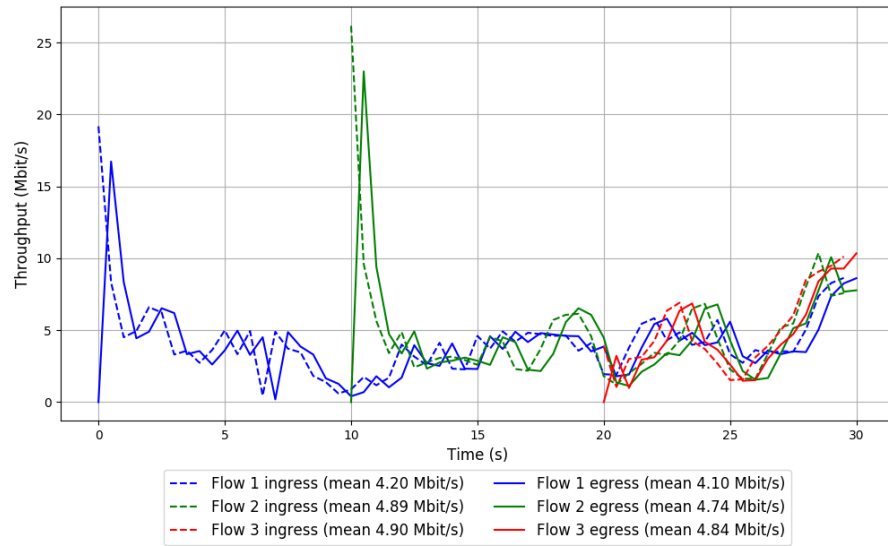


Run 10: Statistics of TCP Cubic

Start at: 2018-08-01 10:58:12
End at: 2018-08-01 10:58:42
Local clock offset: -0.346 ms
Remote clock offset: -14.134 ms

Below is generated by plot.py at 2018-08-01 11:08:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.87 Mbit/s
95th percentile per-packet one-way delay: 11.597 ms
Loss rate: 2.44%
-- Flow 1:
Average throughput: 4.10 Mbit/s
95th percentile per-packet one-way delay: 11.750 ms
Loss rate: 2.43%
-- Flow 2:
Average throughput: 4.74 Mbit/s
95th percentile per-packet one-way delay: 11.769 ms
Loss rate: 3.03%
-- Flow 3:
Average throughput: 4.84 Mbit/s
95th percentile per-packet one-way delay: 11.223 ms
Loss rate: 1.25%

Run 10: Report of TCP Cubic — Data Link

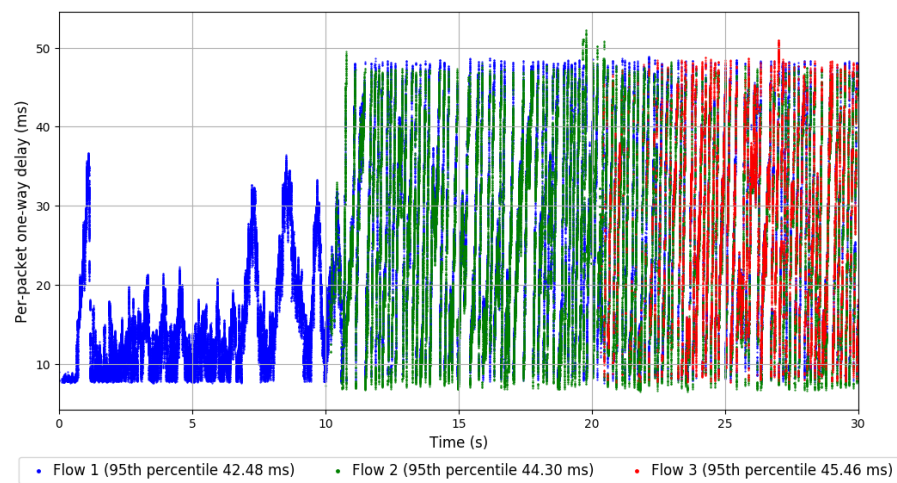
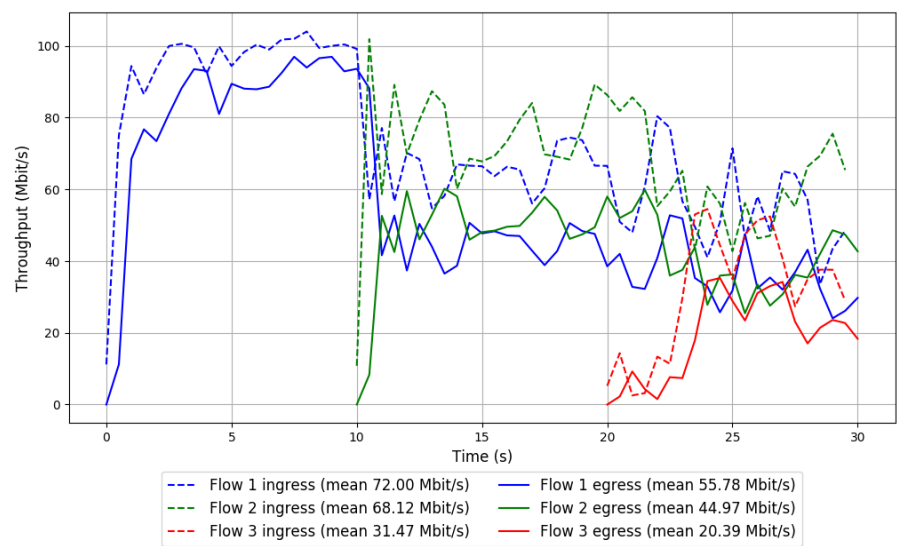


Run 1: Statistics of FillP

Start at: 2018-08-01 07:59:38
End at: 2018-08-01 08:00:08
Local clock offset: 1.472 ms
Remote clock offset: -6.172 ms

Below is generated by plot.py at 2018-08-01 11:08:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.34 Mbit/s
95th percentile per-packet one-way delay: 43.695 ms
Loss rate: 27.72%
-- Flow 1:
Average throughput: 55.78 Mbit/s
95th percentile per-packet one-way delay: 42.479 ms
Loss rate: 22.51%
-- Flow 2:
Average throughput: 44.97 Mbit/s
95th percentile per-packet one-way delay: 44.301 ms
Loss rate: 33.96%
-- Flow 3:
Average throughput: 20.39 Mbit/s
95th percentile per-packet one-way delay: 45.459 ms
Loss rate: 36.54%

Run 1: Report of FillP — Data Link

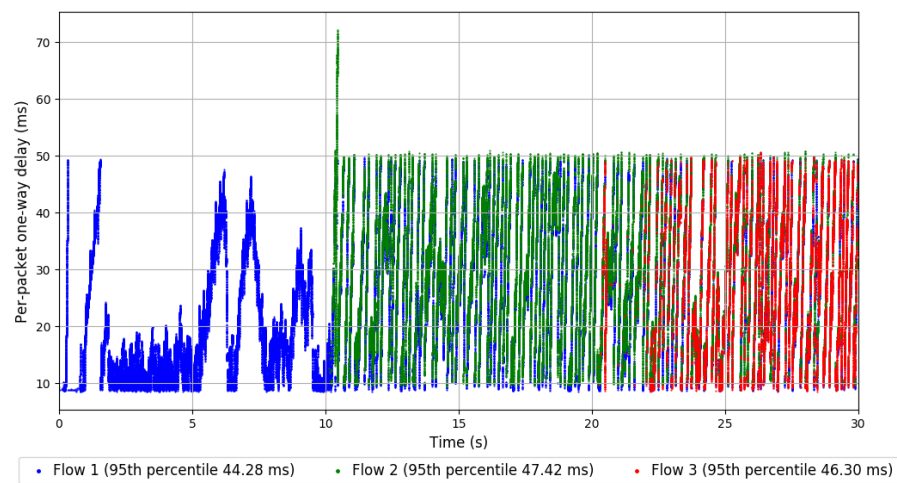
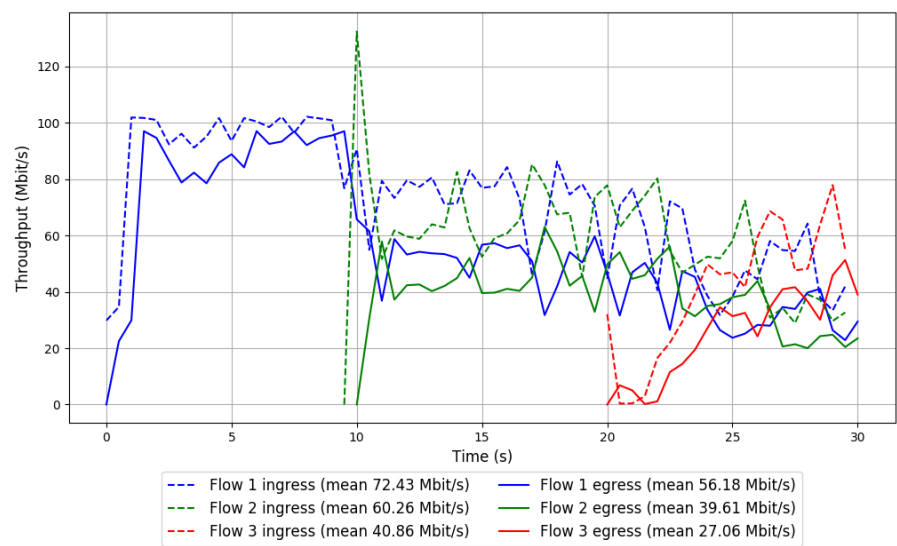


Run 2: Statistics of FillP

Start at: 2018-08-01 08:19:10
End at: 2018-08-01 08:19:40
Local clock offset: -1.174 ms
Remote clock offset: -4.391 ms

Below is generated by plot.py at 2018-08-01 11:08:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.37 Mbit/s
95th percentile per-packet one-way delay: 45.674 ms
Loss rate: 27.53%
-- Flow 1:
Average throughput: 56.18 Mbit/s
95th percentile per-packet one-way delay: 44.284 ms
Loss rate: 22.40%
-- Flow 2:
Average throughput: 39.61 Mbit/s
95th percentile per-packet one-way delay: 47.424 ms
Loss rate: 34.24%
-- Flow 3:
Average throughput: 27.06 Mbit/s
95th percentile per-packet one-way delay: 46.305 ms
Loss rate: 35.08%

Run 2: Report of FillP — Data Link

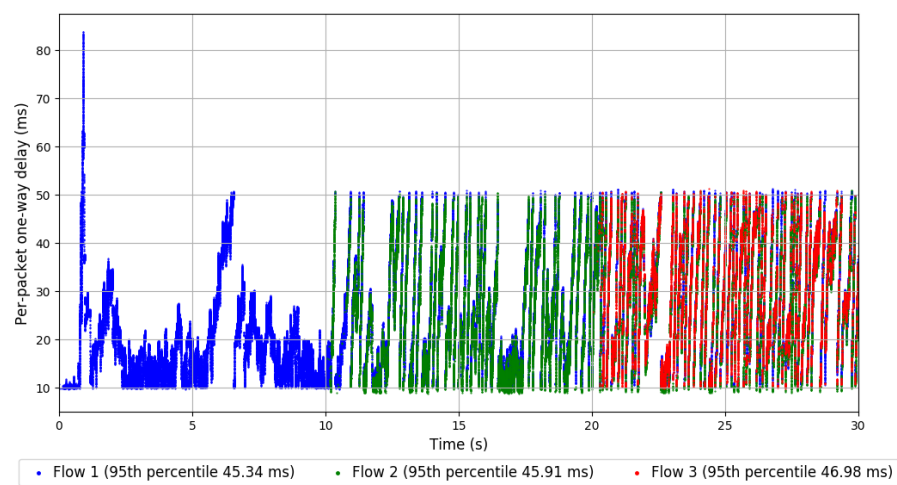
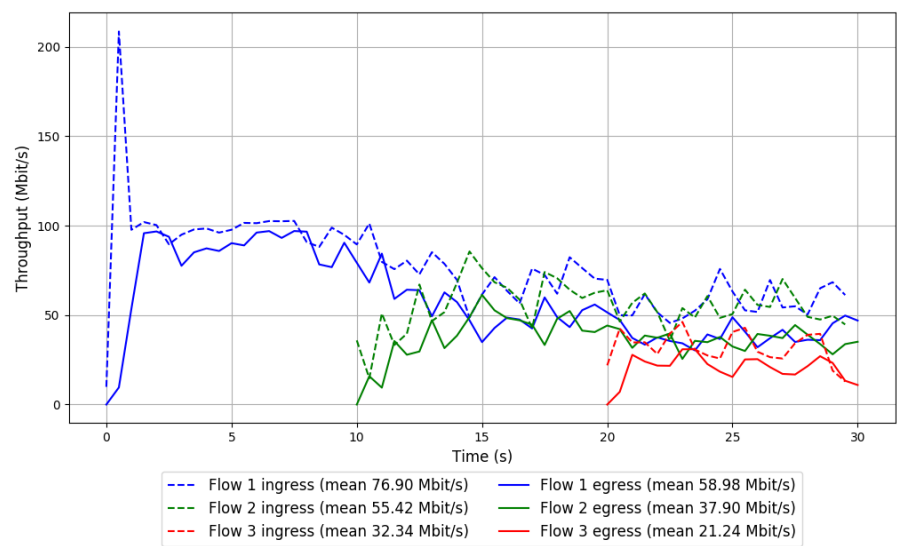


Run 3: Statistics of FillP

Start at: 2018-08-01 08:38:46
End at: 2018-08-01 08:39:16
Local clock offset: -1.044 ms
Remote clock offset: -11.431 ms

Below is generated by plot.py at 2018-08-01 11:08:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.26 Mbit/s
95th percentile per-packet one-way delay: 45.730 ms
Loss rate: 26.64%
-- Flow 1:
Average throughput: 58.98 Mbit/s
95th percentile per-packet one-way delay: 45.337 ms
Loss rate: 23.24%
-- Flow 2:
Average throughput: 37.90 Mbit/s
95th percentile per-packet one-way delay: 45.911 ms
Loss rate: 31.53%
-- Flow 3:
Average throughput: 21.24 Mbit/s
95th percentile per-packet one-way delay: 46.983 ms
Loss rate: 34.24%

Run 3: Report of FillP — Data Link

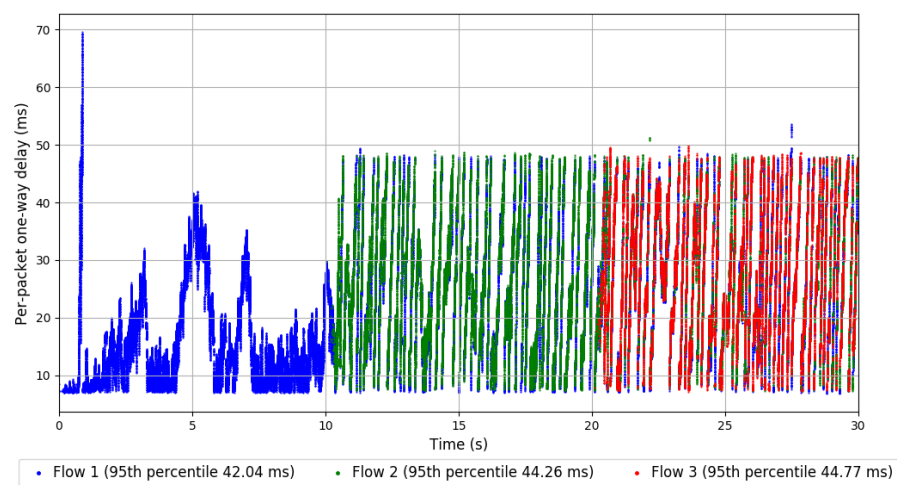
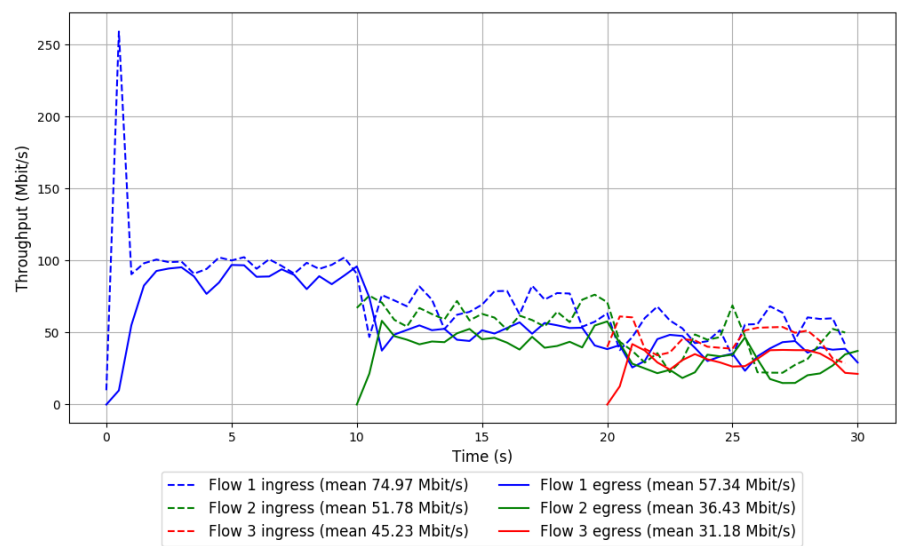


Run 4: Statistics of FillP

Start at: 2018-08-01 08:59:12
End at: 2018-08-01 08:59:42
Local clock offset: 1.961 ms
Remote clock offset: -10.356 ms

Below is generated by plot.py at 2018-08-01 11:09:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.88 Mbit/s
95th percentile per-packet one-way delay: 43.375 ms
Loss rate: 26.13%
-- Flow 1:
Average throughput: 57.34 Mbit/s
95th percentile per-packet one-way delay: 42.040 ms
Loss rate: 23.48%
-- Flow 2:
Average throughput: 36.43 Mbit/s
95th percentile per-packet one-way delay: 44.263 ms
Loss rate: 29.70%
-- Flow 3:
Average throughput: 31.18 Mbit/s
95th percentile per-packet one-way delay: 44.774 ms
Loss rate: 31.20%

Run 4: Report of FillP — Data Link

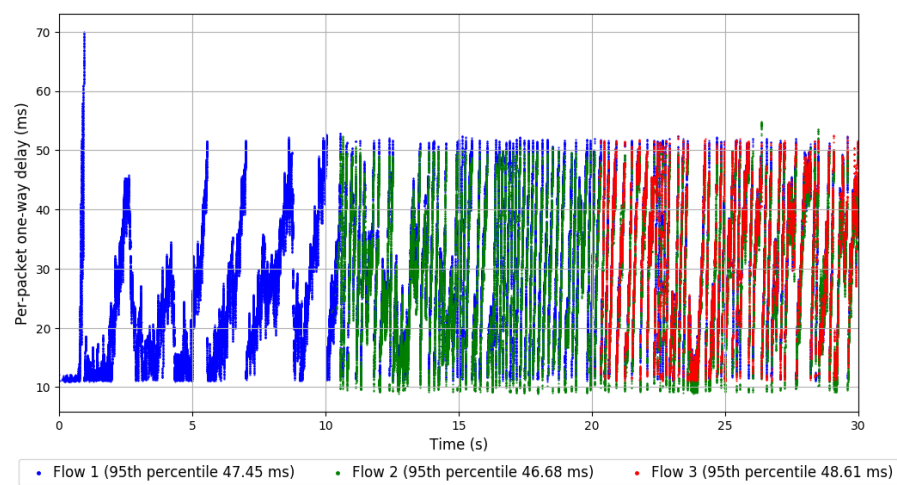
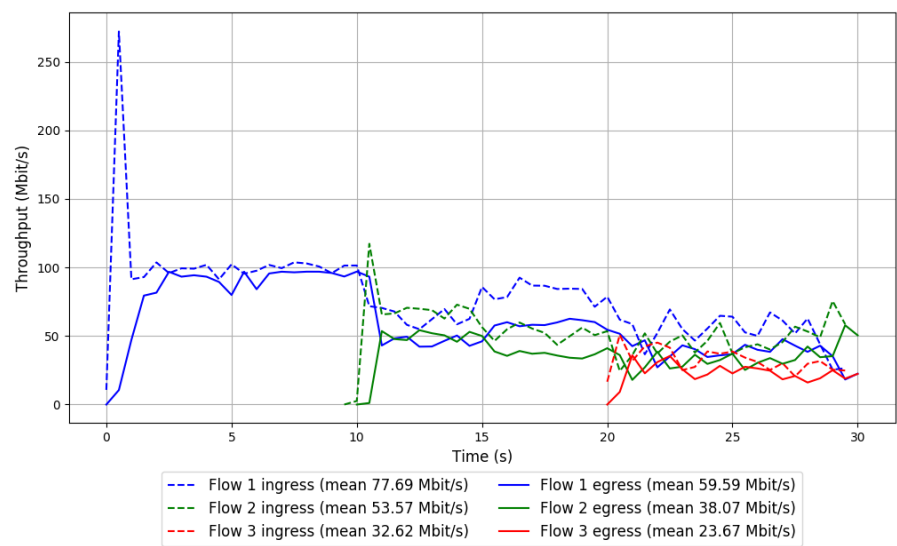


Run 5: Statistics of FillP

Start at: 2018-08-01 09:19:15
End at: 2018-08-01 09:19:45
Local clock offset: 0.212 ms
Remote clock offset: -5.488 ms

Below is generated by plot.py at 2018-08-01 11:09:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.55 Mbit/s
95th percentile per-packet one-way delay: 47.361 ms
Loss rate: 25.39%
-- Flow 1:
Average throughput: 59.59 Mbit/s
95th percentile per-packet one-way delay: 47.453 ms
Loss rate: 23.20%
-- Flow 2:
Average throughput: 38.07 Mbit/s
95th percentile per-packet one-way delay: 46.676 ms
Loss rate: 29.56%
-- Flow 3:
Average throughput: 23.67 Mbit/s
95th percentile per-packet one-way delay: 48.611 ms
Loss rate: 27.40%

Run 5: Report of FillP — Data Link

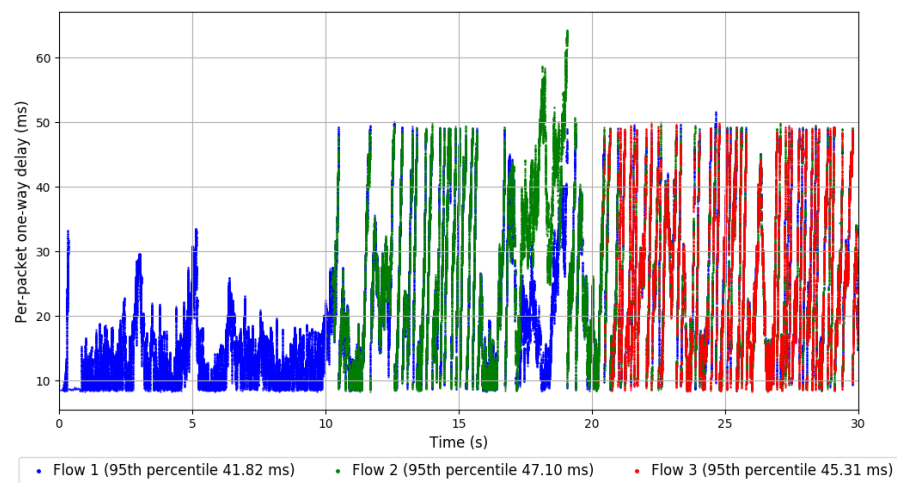
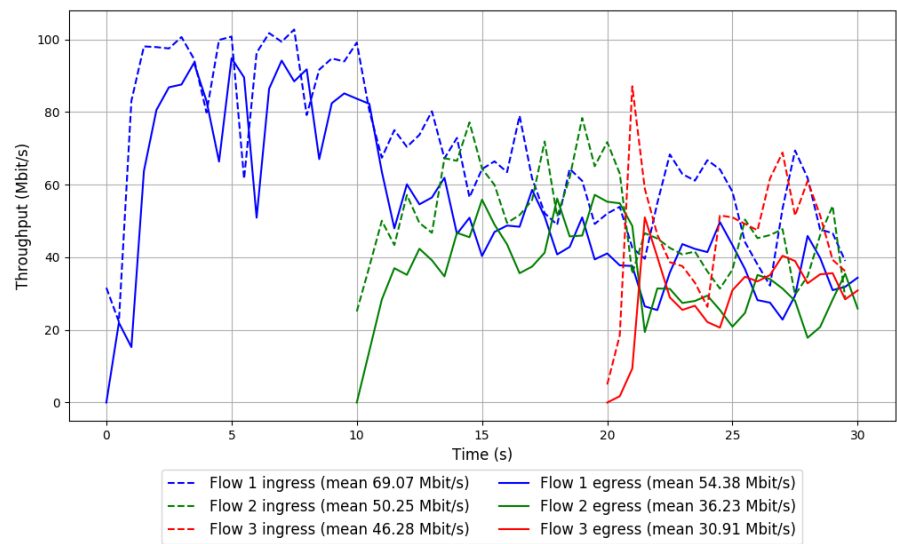


Run 6: Statistics of FillP

Start at: 2018-08-01 09:39:15
End at: 2018-08-01 09:39:45
Local clock offset: 1.687 ms
Remote clock offset: -4.795 ms

Below is generated by plot.py at 2018-08-01 11:09:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.54 Mbit/s
95th percentile per-packet one-way delay: 44.508 ms
Loss rate: 24.88%
-- Flow 1:
Average throughput: 54.38 Mbit/s
95th percentile per-packet one-way delay: 41.823 ms
Loss rate: 21.26%
-- Flow 2:
Average throughput: 36.23 Mbit/s
95th percentile per-packet one-way delay: 47.098 ms
Loss rate: 27.91%
-- Flow 3:
Average throughput: 30.91 Mbit/s
95th percentile per-packet one-way delay: 45.308 ms
Loss rate: 34.54%

Run 6: Report of FillP — Data Link

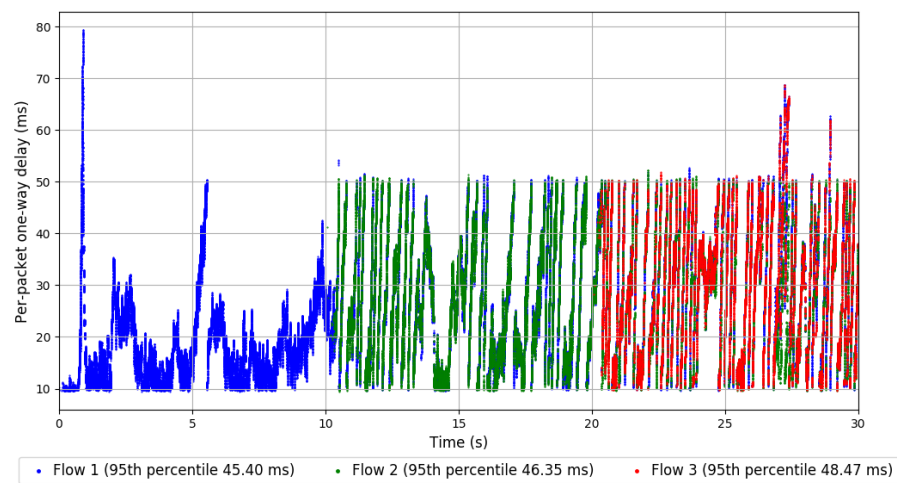
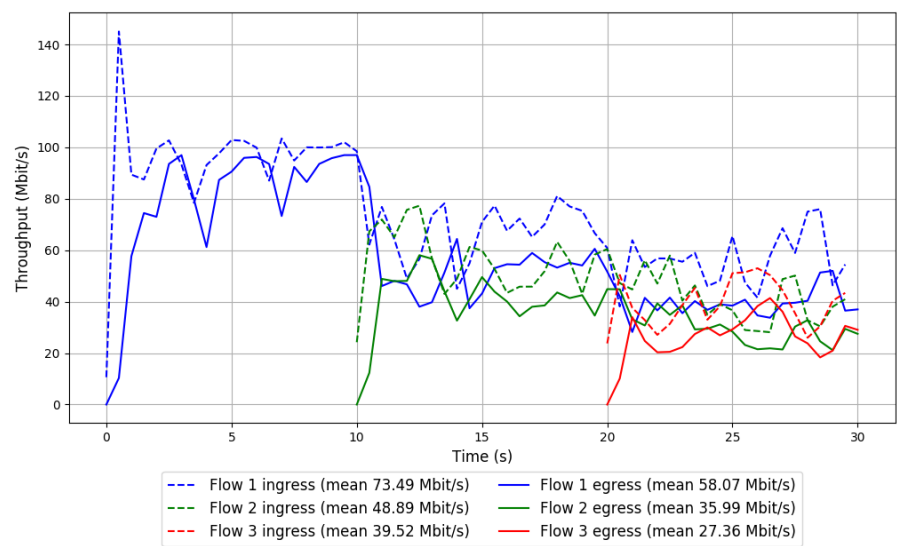


Run 7: Statistics of FillP

Start at: 2018-08-01 09:59:26
End at: 2018-08-01 09:59:56
Local clock offset: 0.444 ms
Remote clock offset: -5.465 ms

Below is generated by plot.py at 2018-08-01 11:09:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.05 Mbit/s
95th percentile per-packet one-way delay: 46.179 ms
Loss rate: 23.50%
-- Flow 1:
Average throughput: 58.07 Mbit/s
95th percentile per-packet one-way delay: 45.398 ms
Loss rate: 20.92%
-- Flow 2:
Average throughput: 35.99 Mbit/s
95th percentile per-packet one-way delay: 46.351 ms
Loss rate: 26.42%
-- Flow 3:
Average throughput: 27.36 Mbit/s
95th percentile per-packet one-way delay: 48.473 ms
Loss rate: 30.73%

Run 7: Report of FillP — Data Link

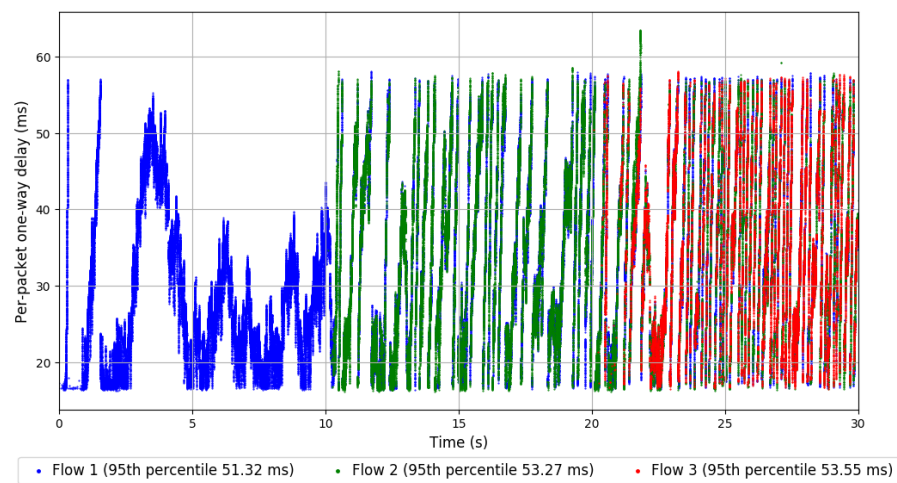
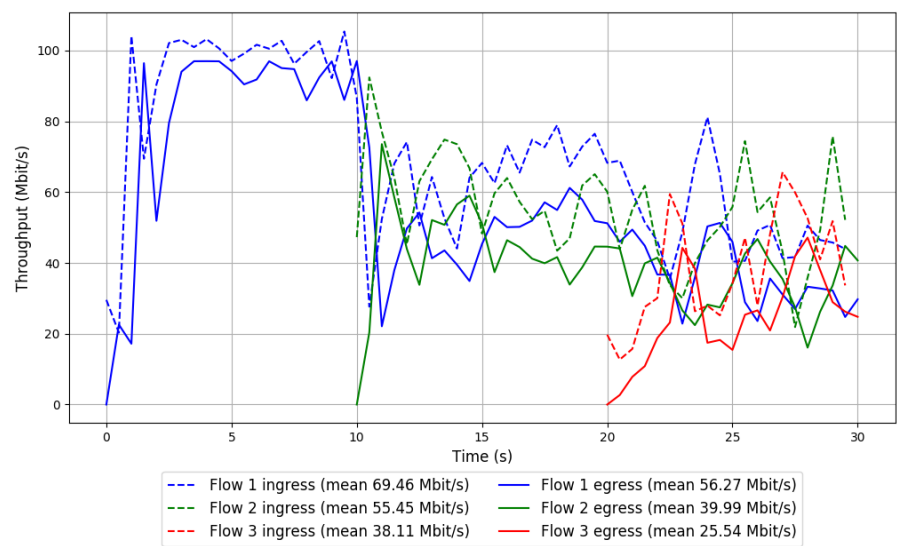


Run 8: Statistics of FillP

Start at: 2018-08-01 10:19:27
End at: 2018-08-01 10:19:57
Local clock offset: -5.93 ms
Remote clock offset: -10.528 ms

Below is generated by plot.py at 2018-08-01 11:09:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.34 Mbit/s
95th percentile per-packet one-way delay: 52.196 ms
Loss rate: 23.21%
-- Flow 1:
Average throughput: 56.27 Mbit/s
95th percentile per-packet one-way delay: 51.318 ms
Loss rate: 18.94%
-- Flow 2:
Average throughput: 39.99 Mbit/s
95th percentile per-packet one-way delay: 53.269 ms
Loss rate: 27.87%
-- Flow 3:
Average throughput: 25.54 Mbit/s
95th percentile per-packet one-way delay: 53.546 ms
Loss rate: 33.06%

Run 8: Report of FillP — Data Link

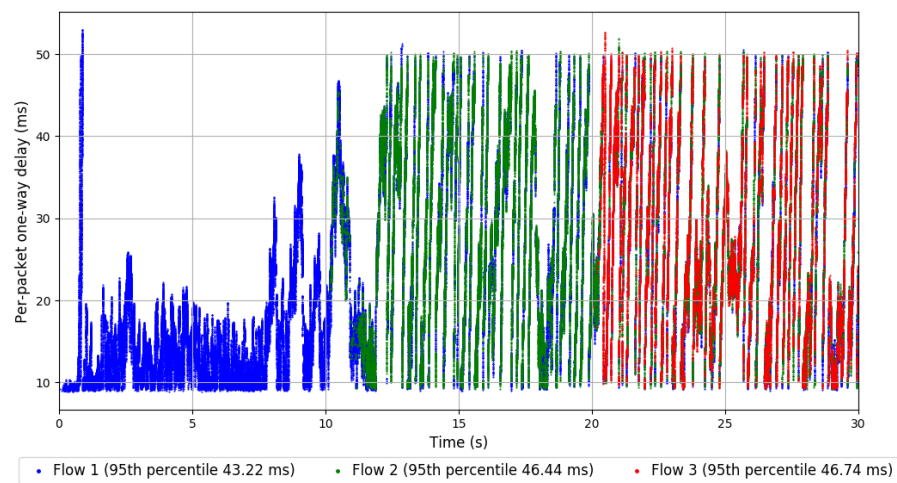
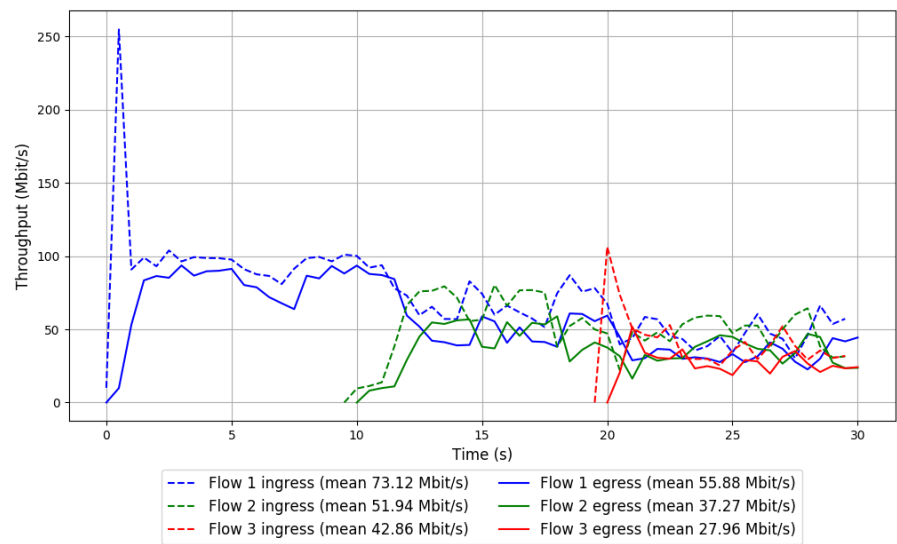


Run 9: Statistics of FillP

Start at: 2018-08-01 10:39:38
End at: 2018-08-01 10:40:08
Local clock offset: 2.036 ms
Remote clock offset: -11.362 ms

Below is generated by plot.py at 2018-08-01 11:10:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.99 Mbit/s
95th percentile per-packet one-way delay: 45.054 ms
Loss rate: 26.17%
-- Flow 1:
Average throughput: 55.88 Mbit/s
95th percentile per-packet one-way delay: 43.224 ms
Loss rate: 23.54%
-- Flow 2:
Average throughput: 37.27 Mbit/s
95th percentile per-packet one-way delay: 46.439 ms
Loss rate: 28.19%
-- Flow 3:
Average throughput: 27.96 Mbit/s
95th percentile per-packet one-way delay: 46.737 ms
Loss rate: 34.79%

Run 9: Report of FillP — Data Link

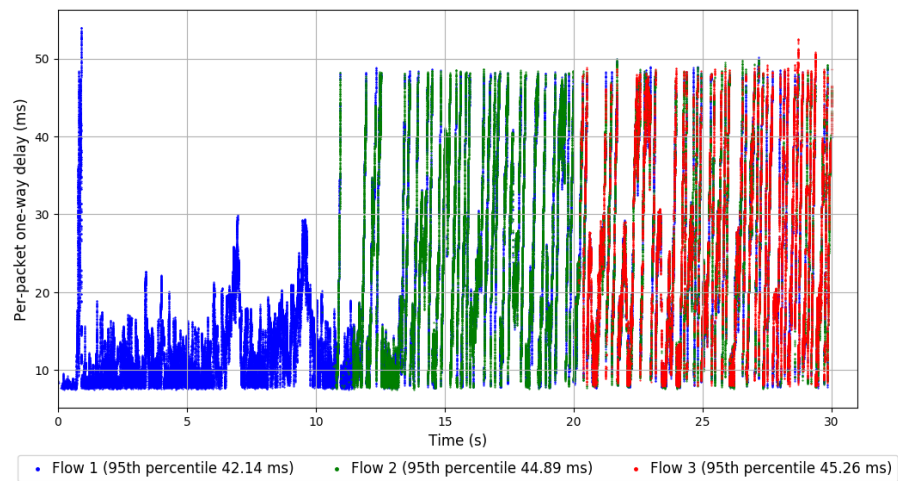
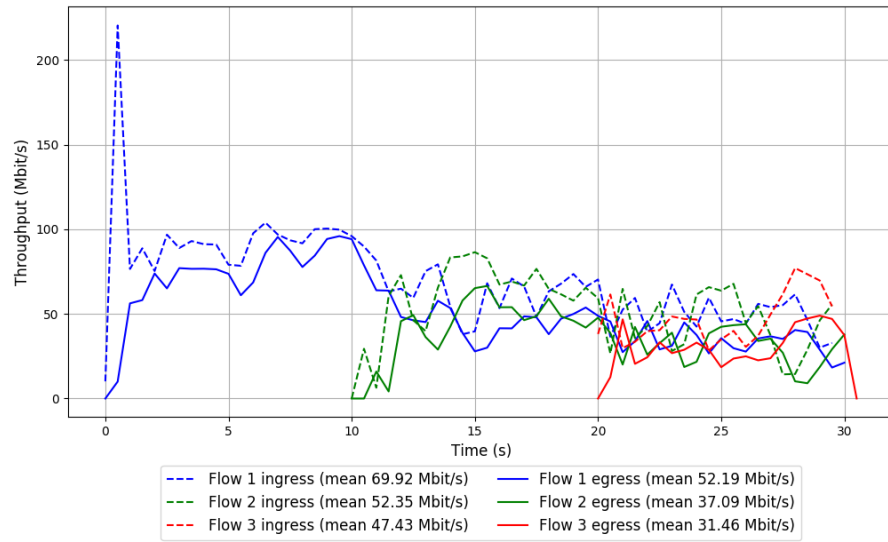


Run 10: Statistics of FillP

Start at: 2018-08-01 10:59:18
End at: 2018-08-01 10:59:48
Local clock offset: -0.133 ms
Remote clock offset: -16.273 ms

Below is generated by plot.py at 2018-08-01 11:10:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.09 Mbit/s
95th percentile per-packet one-way delay: 43.876 ms
Loss rate: 27.63%
-- Flow 1:
Average throughput: 52.19 Mbit/s
95th percentile per-packet one-way delay: 42.143 ms
Loss rate: 25.26%
-- Flow 2:
Average throughput: 37.09 Mbit/s
95th percentile per-packet one-way delay: 44.892 ms
Loss rate: 29.76%
-- Flow 3:
Average throughput: 31.46 Mbit/s
95th percentile per-packet one-way delay: 45.261 ms
Loss rate: 33.44%

Run 10: Report of FillP — Data Link

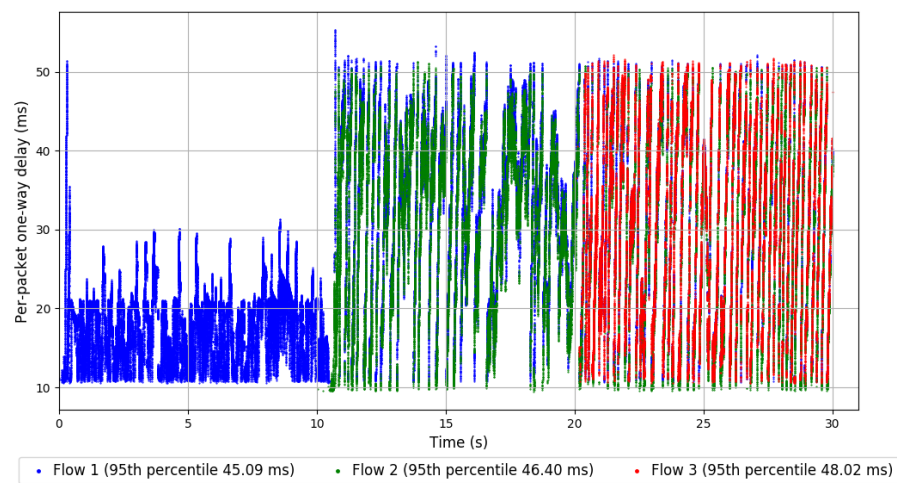
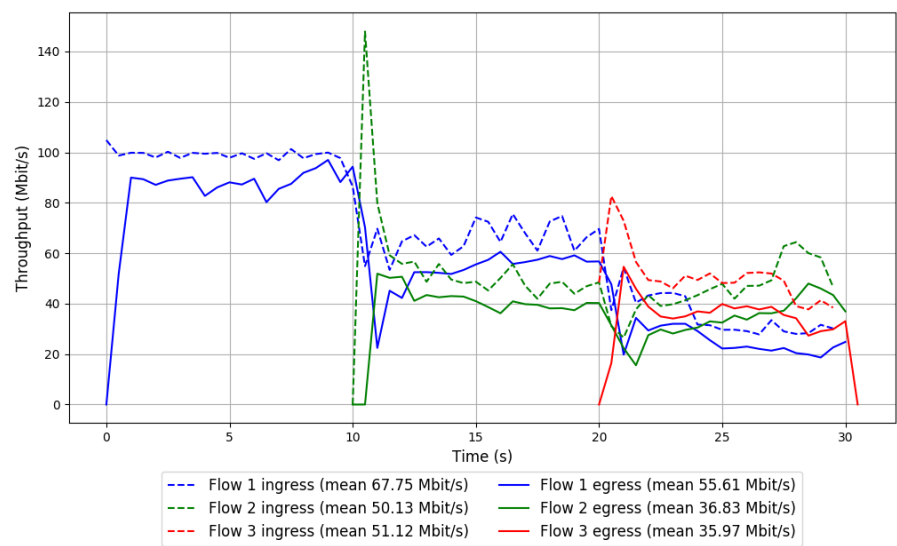


Run 1: Statistics of FillP-Sheep

Start at: 2018-08-01 08:00:48
End at: 2018-08-01 08:01:18
Local clock offset: -1.249 ms
Remote clock offset: -5.695 ms

Below is generated by plot.py at 2018-08-01 11:10:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.05 Mbit/s
95th percentile per-packet one-way delay: 46.067 ms
Loss rate: 21.96%
-- Flow 1:
Average throughput: 55.61 Mbit/s
95th percentile per-packet one-way delay: 45.094 ms
Loss rate: 17.85%
-- Flow 2:
Average throughput: 36.83 Mbit/s
95th percentile per-packet one-way delay: 46.400 ms
Loss rate: 26.42%
-- Flow 3:
Average throughput: 35.97 Mbit/s
95th percentile per-packet one-way delay: 48.015 ms
Loss rate: 29.56%

Run 1: Report of FillP-Sheep — Data Link

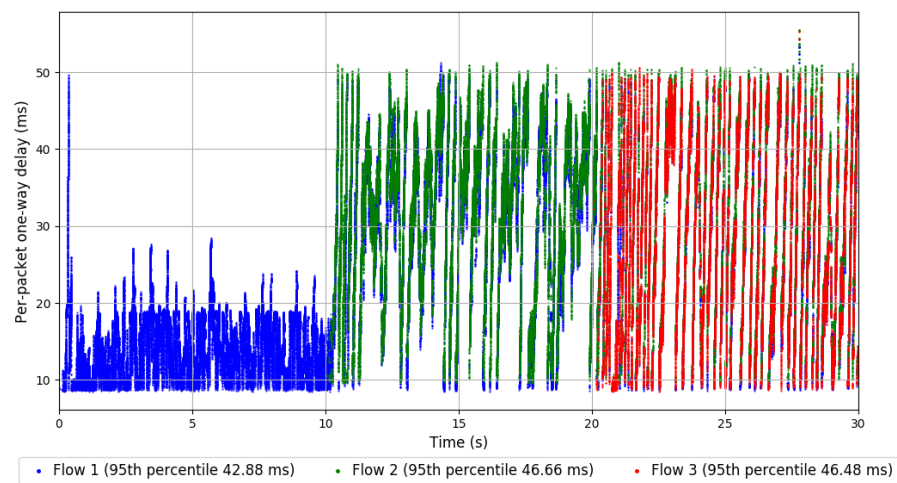
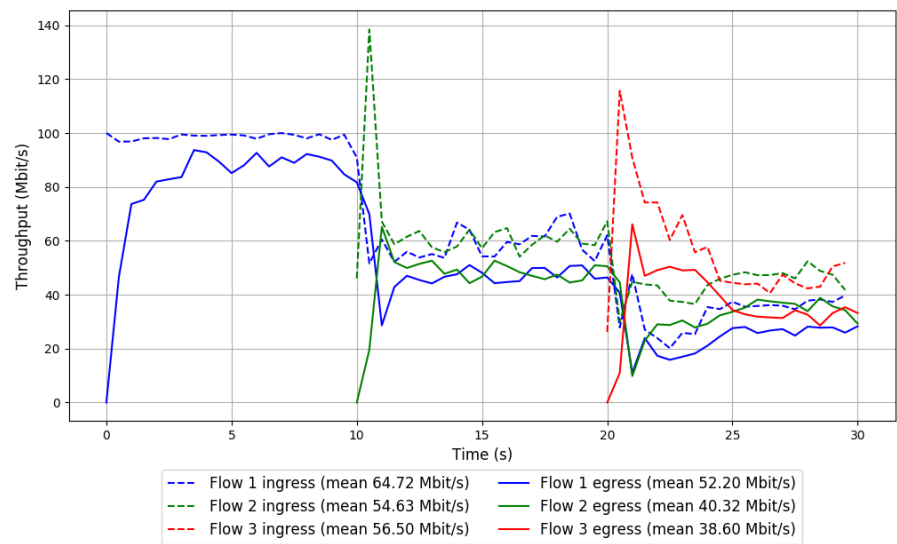


Run 2: Statistics of FillP-Sheep

Start at: 2018-08-01 08:20:20
End at: 2018-08-01 08:20:50
Local clock offset: 0.511 ms
Remote clock offset: -2.591 ms

Below is generated by plot.py at 2018-08-01 11:10:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.81 Mbit/s
95th percentile per-packet one-way delay: 45.087 ms
Loss rate: 23.36%
-- Flow 1:
Average throughput: 52.20 Mbit/s
95th percentile per-packet one-way delay: 42.880 ms
Loss rate: 19.33%
-- Flow 2:
Average throughput: 40.32 Mbit/s
95th percentile per-packet one-way delay: 46.658 ms
Loss rate: 26.19%
-- Flow 3:
Average throughput: 38.60 Mbit/s
95th percentile per-packet one-way delay: 46.475 ms
Loss rate: 31.81%

Run 2: Report of FillP-Sheep — Data Link

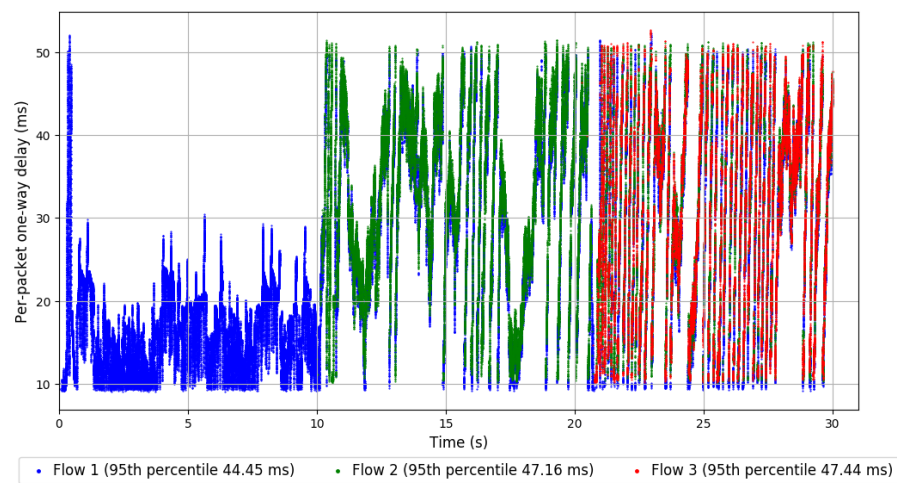
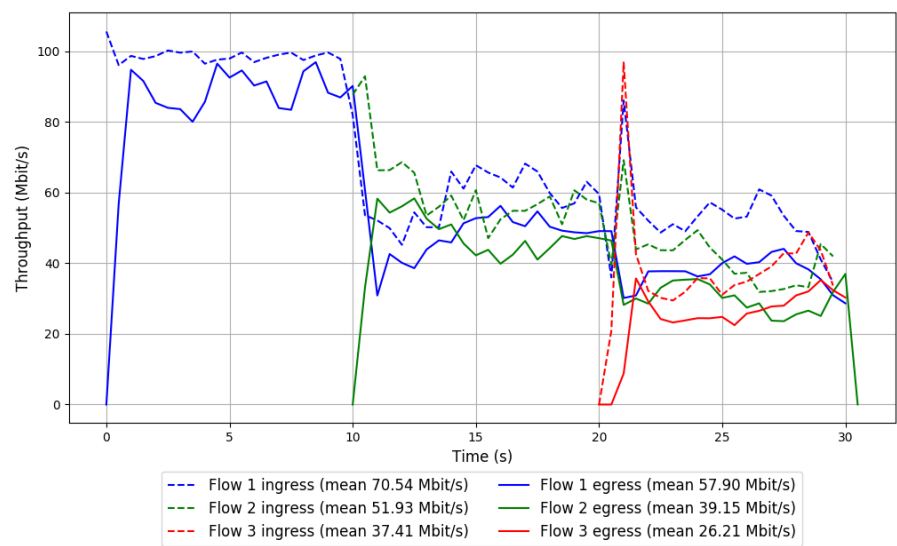


Run 3: Statistics of FillP-Sheep

Start at: 2018-08-01 08:39:56
End at: 2018-08-01 08:40:26
Local clock offset: 0.309 ms
Remote clock offset: -10.03 ms

Below is generated by plot.py at 2018-08-01 11:10:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.49 Mbit/s
95th percentile per-packet one-way delay: 45.849 ms
Loss rate: 21.21%
-- Flow 1:
Average throughput: 57.90 Mbit/s
95th percentile per-packet one-way delay: 44.450 ms
Loss rate: 17.82%
-- Flow 2:
Average throughput: 39.15 Mbit/s
95th percentile per-packet one-way delay: 47.161 ms
Loss rate: 24.49%
-- Flow 3:
Average throughput: 26.21 Mbit/s
95th percentile per-packet one-way delay: 47.439 ms
Loss rate: 31.35%

Run 3: Report of FillP-Sheep — Data Link

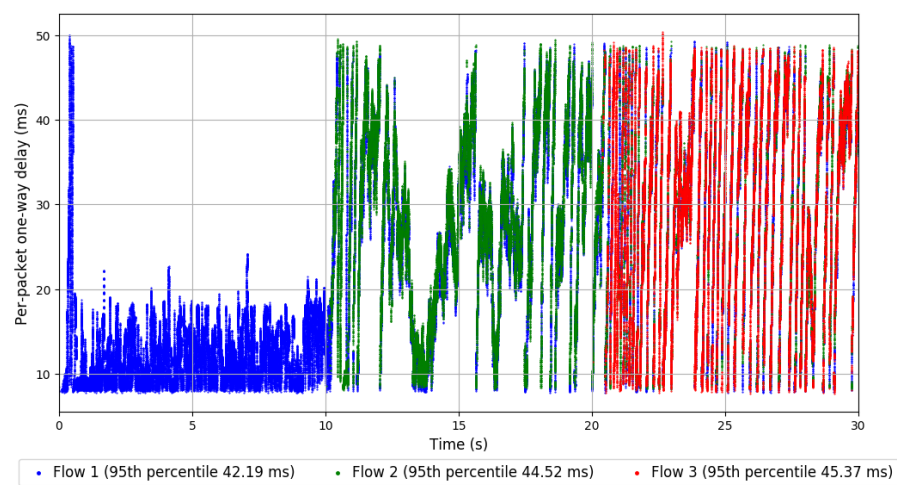
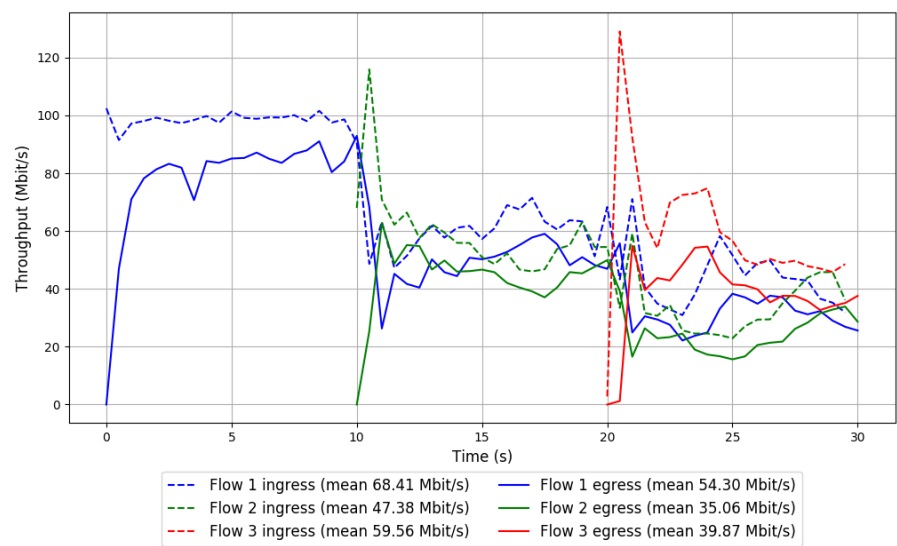


Run 4: Statistics of FillP-Sheep

Start at: 2018-08-01 09:00:23
End at: 2018-08-01 09:00:53
Local clock offset: 0.463 ms
Remote clock offset: -10.518 ms

Below is generated by plot.py at 2018-08-01 11:10:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.89 Mbit/s
95th percentile per-packet one-way delay: 43.782 ms
Loss rate: 24.05%
-- Flow 1:
Average throughput: 54.30 Mbit/s
95th percentile per-packet one-way delay: 42.193 ms
Loss rate: 20.59%
-- Flow 2:
Average throughput: 35.06 Mbit/s
95th percentile per-packet one-way delay: 44.525 ms
Loss rate: 25.95%
-- Flow 3:
Average throughput: 39.87 Mbit/s
95th percentile per-packet one-way delay: 45.373 ms
Loss rate: 32.99%

Run 4: Report of FillP-Sheep — Data Link

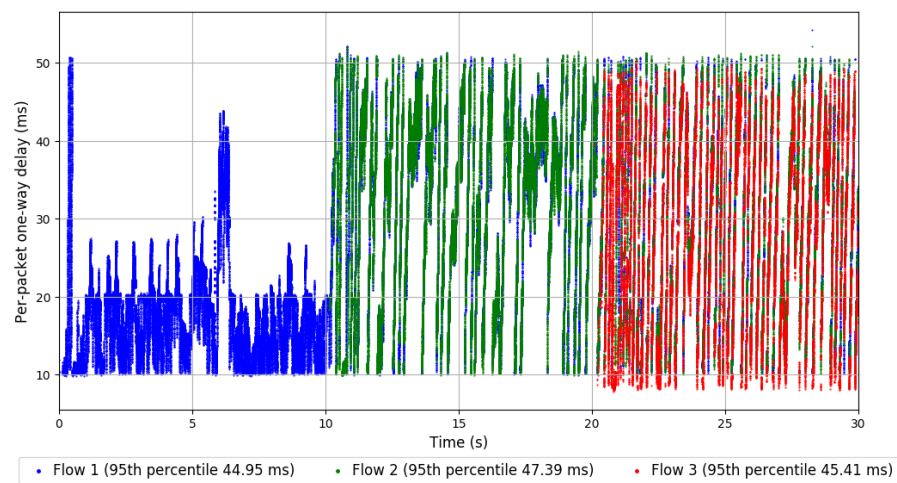
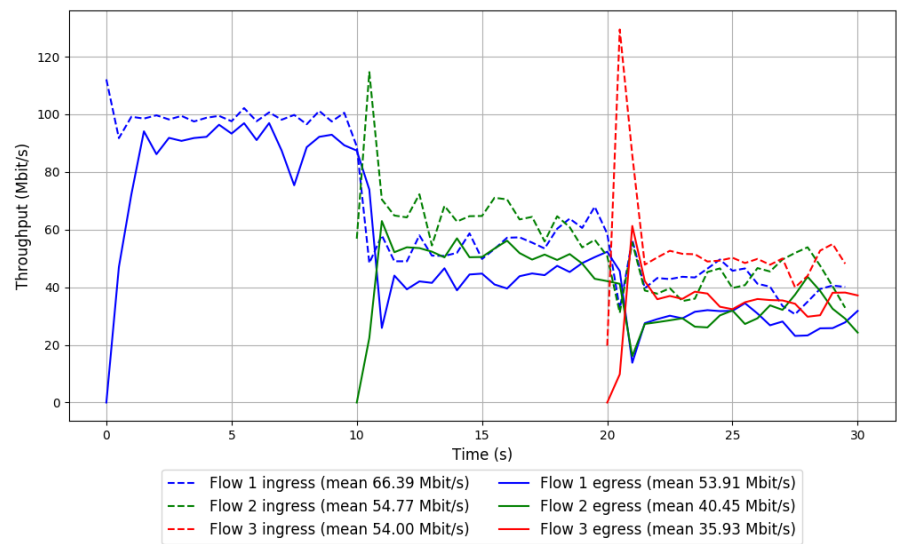


Run 5: Statistics of FillP-Sheep

Start at: 2018-08-01 09:20:28
End at: 2018-08-01 09:20:58
Local clock offset: 2.078 ms
Remote clock offset: -4.545 ms

Below is generated by plot.py at 2018-08-01 11:11:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.74 Mbit/s
95th percentile per-packet one-way delay: 45.947 ms
Loss rate: 23.15%
-- Flow 1:
Average throughput: 53.91 Mbit/s
95th percentile per-packet one-way delay: 44.946 ms
Loss rate: 18.74%
-- Flow 2:
Average throughput: 40.45 Mbit/s
95th percentile per-packet one-way delay: 47.390 ms
Loss rate: 26.08%
-- Flow 3:
Average throughput: 35.93 Mbit/s
95th percentile per-packet one-way delay: 45.405 ms
Loss rate: 33.52%

Run 5: Report of FillP-Sheep — Data Link

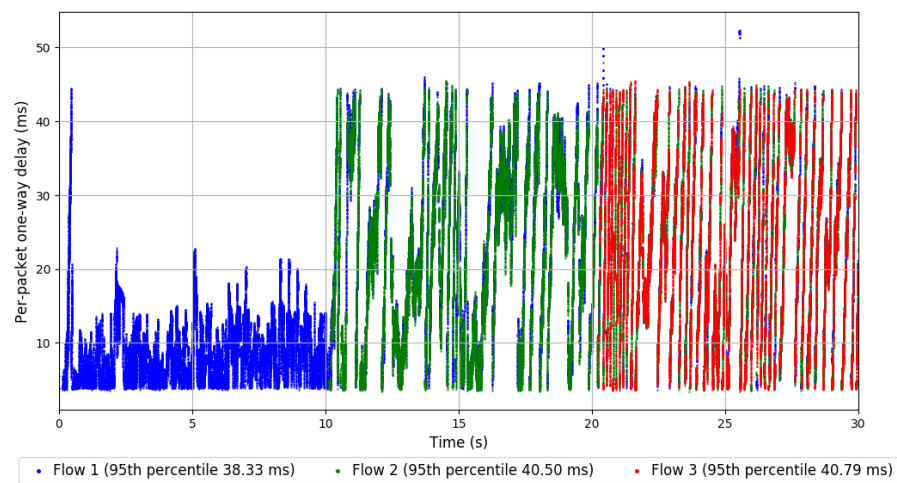
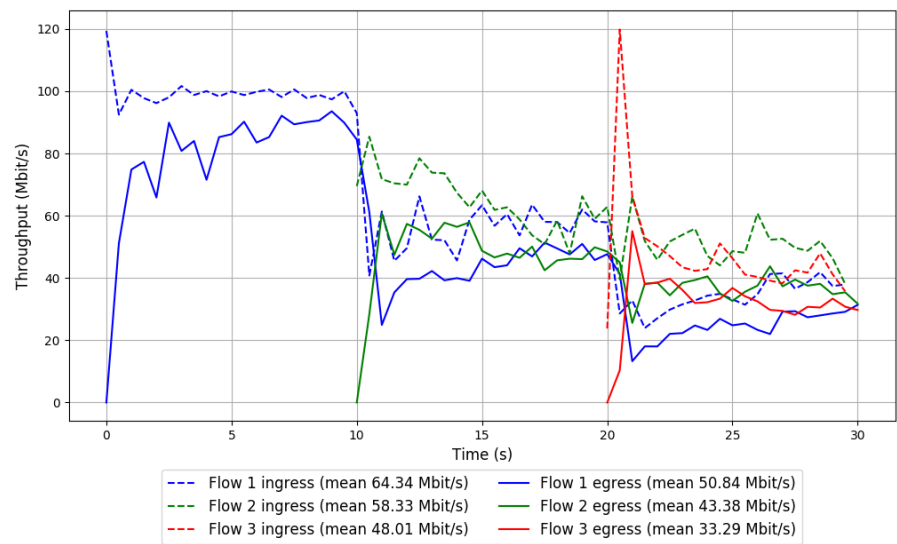


Run 6: Statistics of FillP-Sheep

Start at: 2018-08-01 09:40:25
End at: 2018-08-01 09:40:55
Local clock offset: -2.352 ms
Remote clock offset: -13.682 ms

Below is generated by plot.py at 2018-08-01 11:11:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.74 Mbit/s
95th percentile per-packet one-way delay: 39.673 ms
Loss rate: 23.76%
-- Flow 1:
Average throughput: 50.84 Mbit/s
95th percentile per-packet one-way delay: 38.330 ms
Loss rate: 20.94%
-- Flow 2:
Average throughput: 43.38 Mbit/s
95th percentile per-packet one-way delay: 40.501 ms
Loss rate: 25.58%
-- Flow 3:
Average throughput: 33.29 Mbit/s
95th percentile per-packet one-way delay: 40.788 ms
Loss rate: 30.67%

Run 6: Report of FillP-Sheep — Data Link

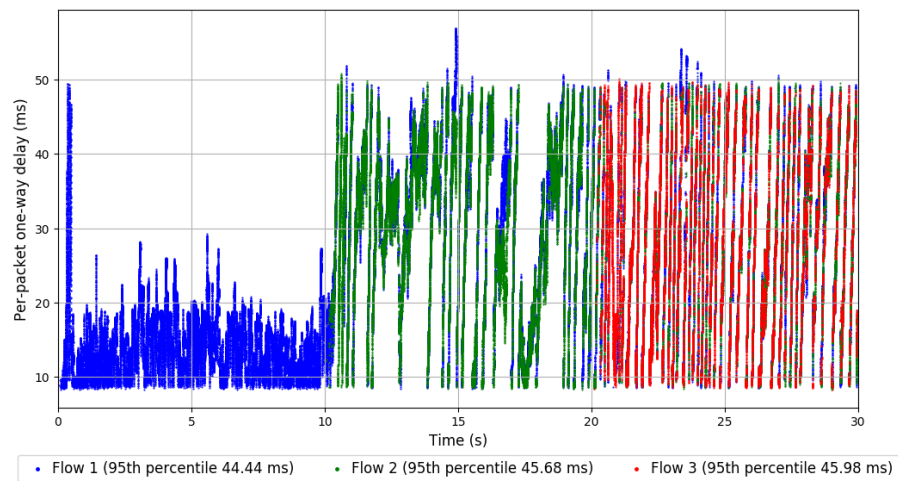
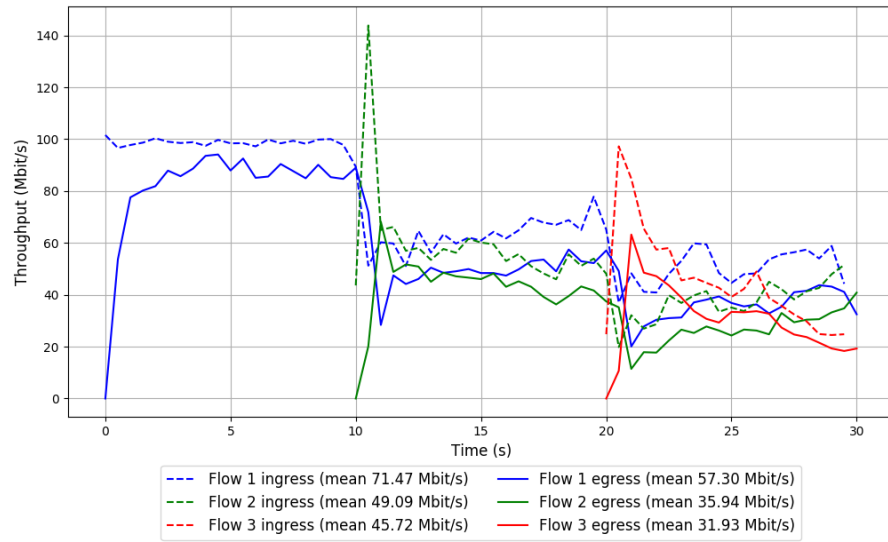


Run 7: Statistics of FillP-Sheep

Start at: 2018-08-01 10:00:37
End at: 2018-08-01 10:01:07
Local clock offset: 1.889 ms
Remote clock offset: -5.189 ms

Below is generated by plot.py at 2018-08-01 11:11:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.78 Mbit/s
95th percentile per-packet one-way delay: 45.090 ms
Loss rate: 23.04%
-- Flow 1:
Average throughput: 57.30 Mbit/s
95th percentile per-packet one-way delay: 44.440 ms
Loss rate: 19.80%
-- Flow 2:
Average throughput: 35.94 Mbit/s
95th percentile per-packet one-way delay: 45.680 ms
Loss rate: 26.76%
-- Flow 3:
Average throughput: 31.93 Mbit/s
95th percentile per-packet one-way delay: 45.985 ms
Loss rate: 30.30%

Run 7: Report of FillP-Sheep — Data Link

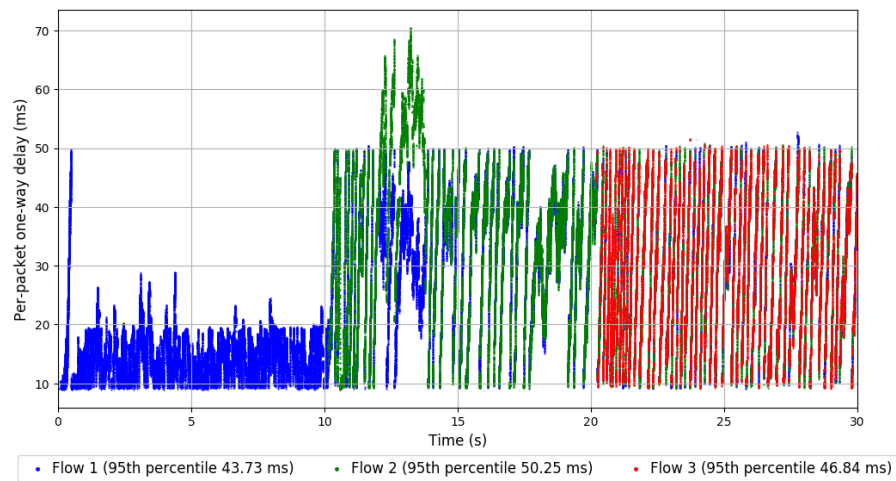
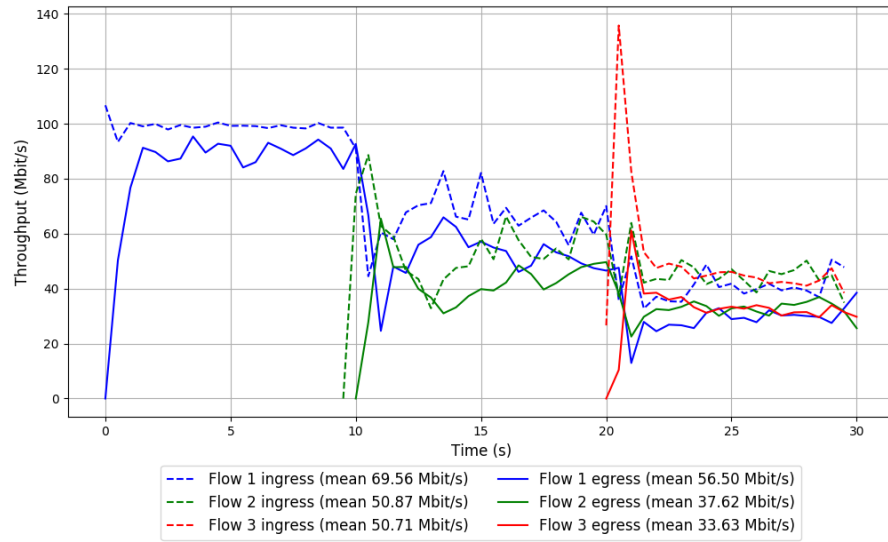


Run 8: Statistics of FillP-Sheep

Start at: 2018-08-01 10:20:37
End at: 2018-08-01 10:21:07
Local clock offset: 1.784 ms
Remote clock offset: -10.39 ms

Below is generated by plot.py at 2018-08-01 11:11:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.74 Mbit/s
95th percentile per-packet one-way delay: 46.437 ms
Loss rate: 22.82%
-- Flow 1:
Average throughput: 56.50 Mbit/s
95th percentile per-packet one-way delay: 43.727 ms
Loss rate: 18.69%
-- Flow 2:
Average throughput: 37.62 Mbit/s
95th percentile per-packet one-way delay: 50.252 ms
Loss rate: 25.93%
-- Flow 3:
Average throughput: 33.63 Mbit/s
95th percentile per-packet one-way delay: 46.843 ms
Loss rate: 33.63%

Run 8: Report of FillP-Sheep — Data Link

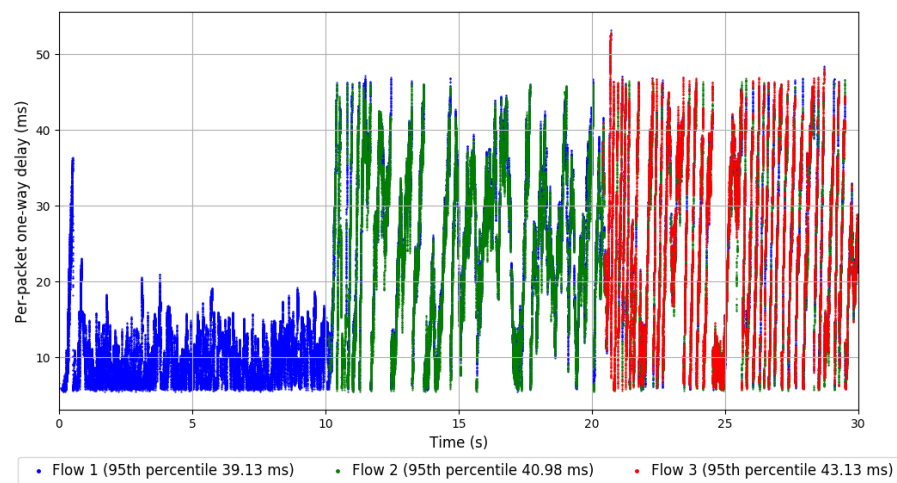
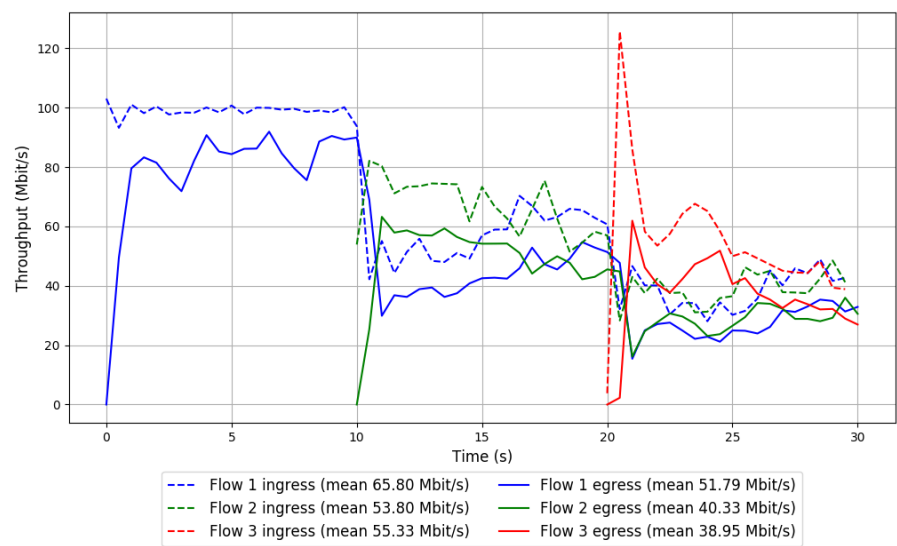


Run 9: Statistics of FillP-Sheep

Start at: 2018-08-01 10:40:47
End at: 2018-08-01 10:41:17
Local clock offset: 3.042 ms
Remote clock offset: -14.161 ms

Below is generated by plot.py at 2018-08-01 11:11:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.24 Mbit/s
95th percentile per-packet one-way delay: 40.623 ms
Loss rate: 23.87%
-- Flow 1:
Average throughput: 51.79 Mbit/s
95th percentile per-packet one-way delay: 39.130 ms
Loss rate: 21.25%
-- Flow 2:
Average throughput: 40.33 Mbit/s
95th percentile per-packet one-way delay: 40.984 ms
Loss rate: 24.99%
-- Flow 3:
Average throughput: 38.95 Mbit/s
95th percentile per-packet one-way delay: 43.135 ms
Loss rate: 31.09%

Run 9: Report of FillP-Sheep — Data Link

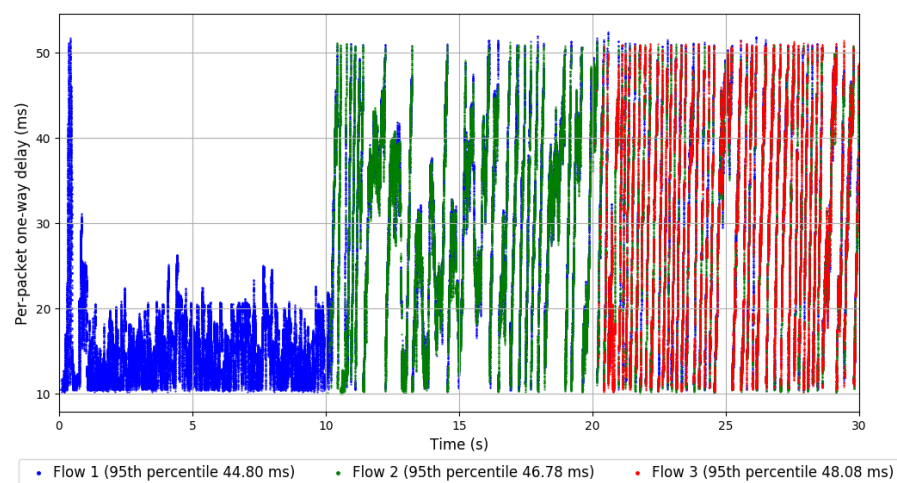
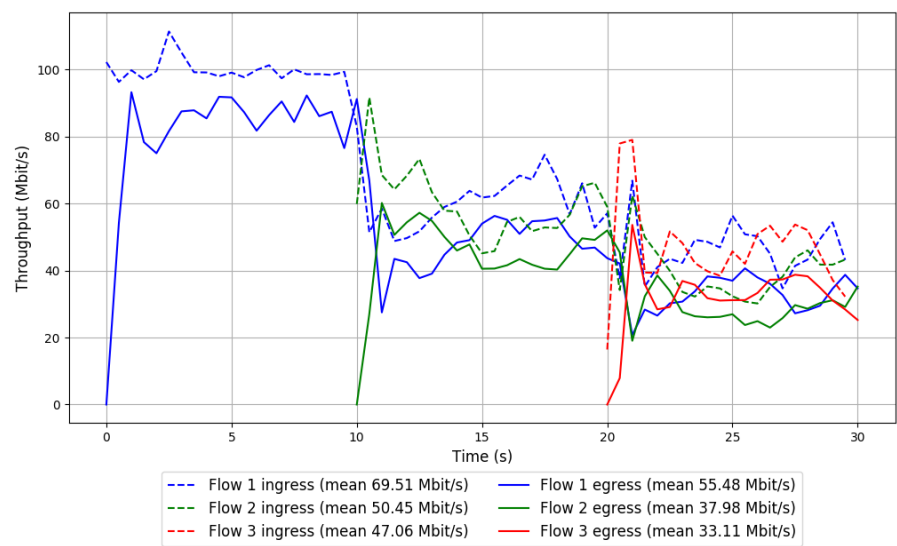


Run 10: Statistics of FillP-Sheep

Start at: 2018-08-01 11:00:31
End at: 2018-08-01 11:01:01
Local clock offset: -0.733 ms
Remote clock offset: -14.322 ms

Below is generated by plot.py at 2018-08-01 11:11:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.74 Mbit/s
95th percentile per-packet one-way delay: 46.096 ms
Loss rate: 22.61%
-- Flow 1:
Average throughput: 55.48 Mbit/s
95th percentile per-packet one-way delay: 44.799 ms
Loss rate: 20.08%
-- Flow 2:
Average throughput: 37.98 Mbit/s
95th percentile per-packet one-way delay: 46.784 ms
Loss rate: 24.62%
-- Flow 3:
Average throughput: 33.11 Mbit/s
95th percentile per-packet one-way delay: 48.083 ms
Loss rate: 29.56%

Run 10: Report of FillP-Sheep — Data Link

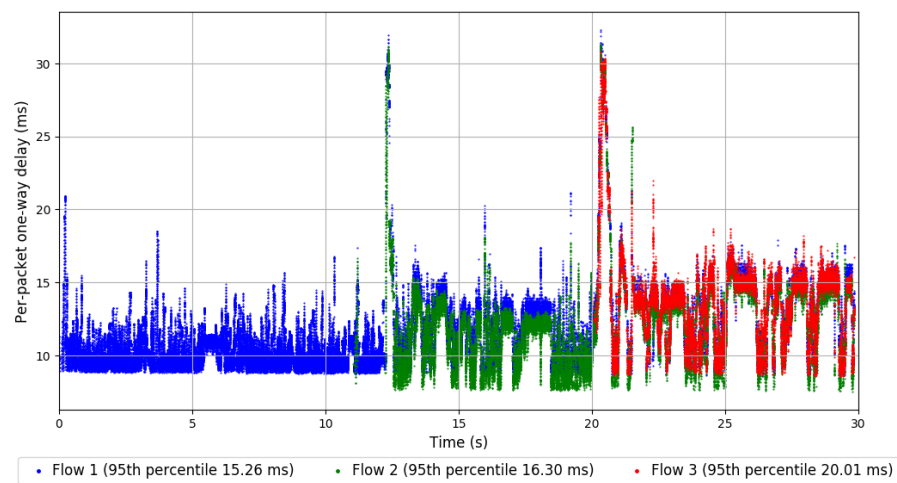
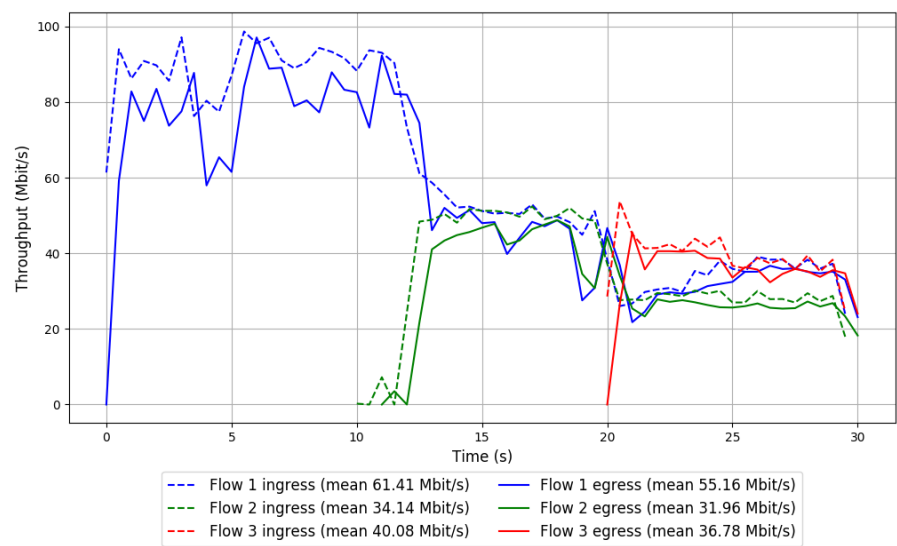


Run 1: Statistics of Indigo

Start at: 2018-08-01 07:50:26
End at: 2018-08-01 07:50:56
Local clock offset: 0.157 ms
Remote clock offset: -10.44 ms

Below is generated by plot.py at 2018-08-01 11:11:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.32 Mbit/s
95th percentile per-packet one-way delay: 15.793 ms
Loss rate: 10.13%
-- Flow 1:
Average throughput: 55.16 Mbit/s
95th percentile per-packet one-way delay: 15.264 ms
Loss rate: 10.18%
-- Flow 2:
Average throughput: 31.96 Mbit/s
95th percentile per-packet one-way delay: 16.295 ms
Loss rate: 11.11%
-- Flow 3:
Average throughput: 36.78 Mbit/s
95th percentile per-packet one-way delay: 20.012 ms
Loss rate: 8.22%

Run 1: Report of Indigo — Data Link

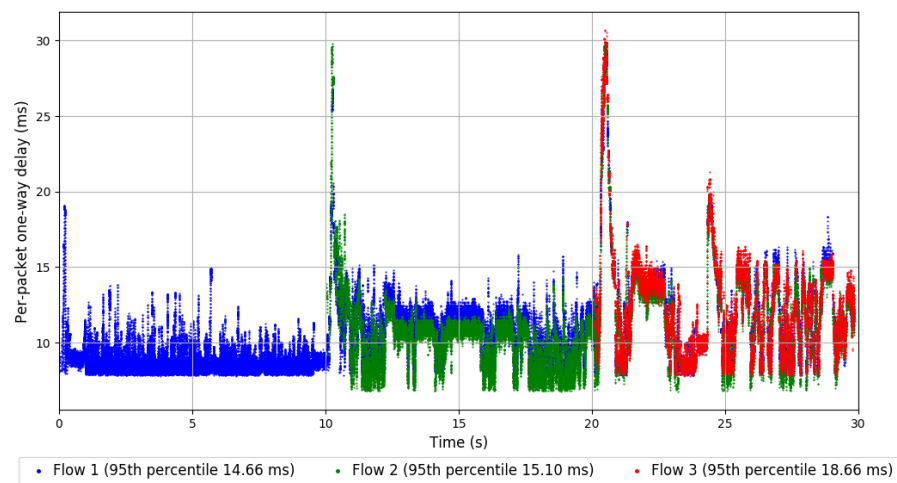
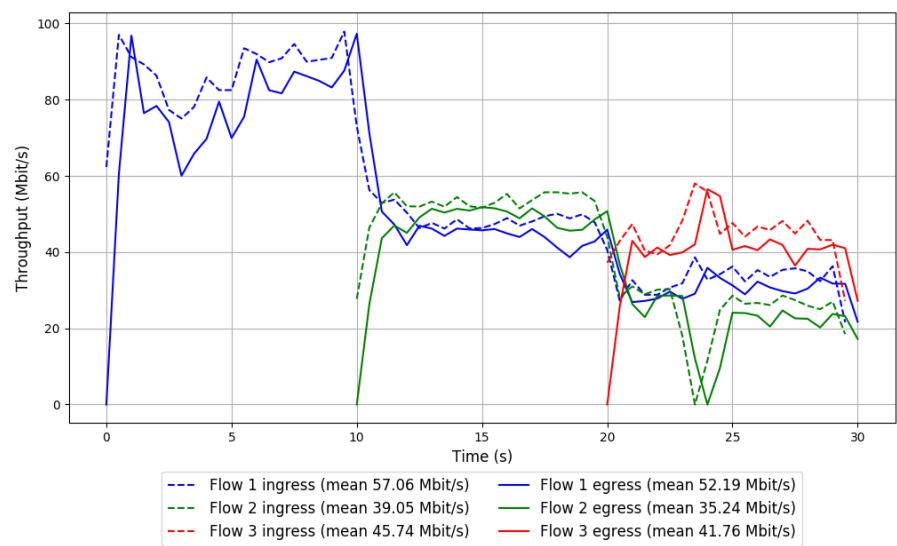


Run 2: Statistics of Indigo

Start at: 2018-08-01 08:10:06
End at: 2018-08-01 08:10:36
Local clock offset: 0.048 ms
Remote clock offset: -5.789 ms

Below is generated by plot.py at 2018-08-01 11:11:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.25 Mbit/s
95th percentile per-packet one-way delay: 15.151 ms
Loss rate: 8.88%
-- Flow 1:
Average throughput: 52.19 Mbit/s
95th percentile per-packet one-way delay: 14.662 ms
Loss rate: 8.53%
-- Flow 2:
Average throughput: 35.24 Mbit/s
95th percentile per-packet one-way delay: 15.100 ms
Loss rate: 9.76%
-- Flow 3:
Average throughput: 41.76 Mbit/s
95th percentile per-packet one-way delay: 18.658 ms
Loss rate: 8.72%

Run 2: Report of Indigo — Data Link

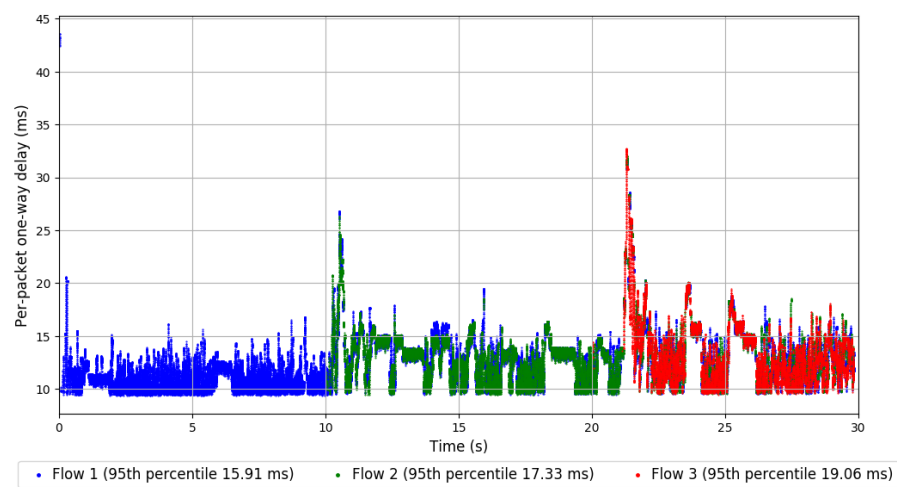
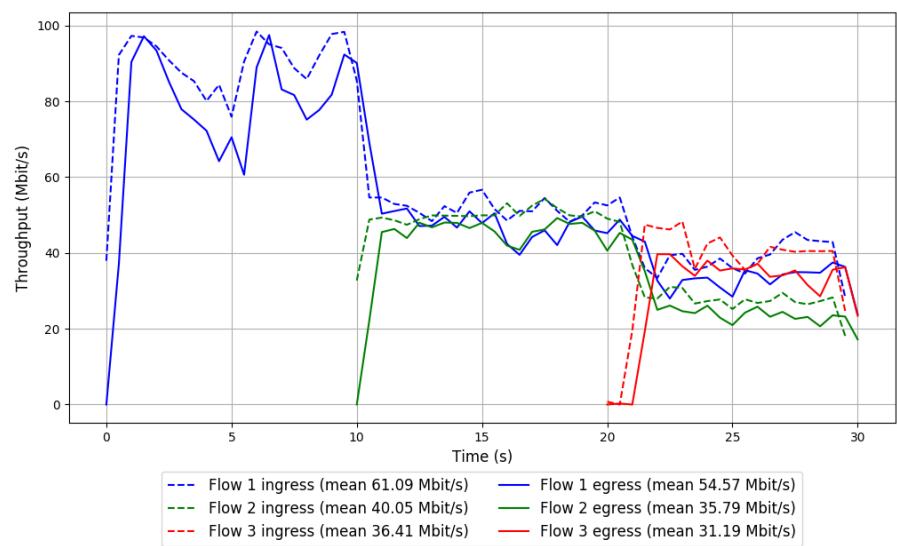


Run 3: Statistics of Indigo

Start at: 2018-08-01 08:29:38
End at: 2018-08-01 08:30:08
Local clock offset: -2.152 ms
Remote clock offset: -9.882 ms

Below is generated by plot.py at 2018-08-01 11:12:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.58 Mbit/s
95th percentile per-packet one-way delay: 16.453 ms
Loss rate: 11.15%
-- Flow 1:
Average throughput: 54.57 Mbit/s
95th percentile per-packet one-way delay: 15.907 ms
Loss rate: 10.76%
-- Flow 2:
Average throughput: 35.79 Mbit/s
95th percentile per-packet one-way delay: 17.330 ms
Loss rate: 10.60%
-- Flow 3:
Average throughput: 31.19 Mbit/s
95th percentile per-packet one-way delay: 19.063 ms
Loss rate: 14.35%

Run 3: Report of Indigo — Data Link

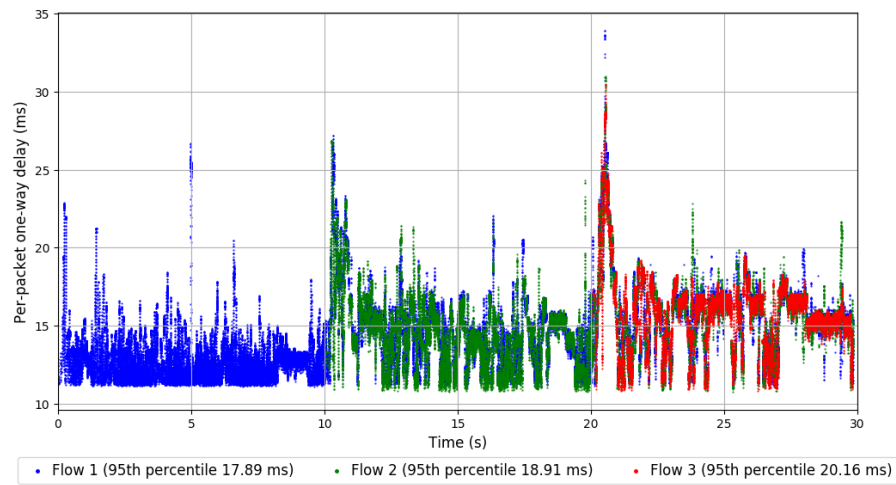
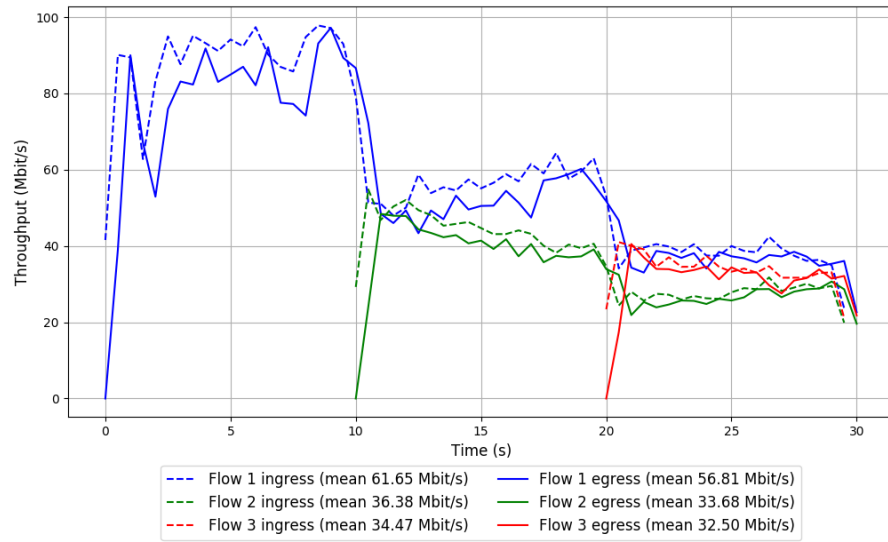


Run 4: Statistics of Indigo

Start at: 2018-08-01 08:49:51
End at: 2018-08-01 08:50:21
Local clock offset: 0.82 ms
Remote clock offset: -9.907 ms

Below is generated by plot.py at 2018-08-01 11:12:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.80 Mbit/s
95th percentile per-packet one-way delay: 18.284 ms
Loss rate: 7.50%
-- Flow 1:
Average throughput: 56.81 Mbit/s
95th percentile per-packet one-way delay: 17.886 ms
Loss rate: 7.85%
-- Flow 2:
Average throughput: 33.68 Mbit/s
95th percentile per-packet one-way delay: 18.914 ms
Loss rate: 7.42%
-- Flow 3:
Average throughput: 32.50 Mbit/s
95th percentile per-packet one-way delay: 20.162 ms
Loss rate: 5.73%

Run 4: Report of Indigo — Data Link

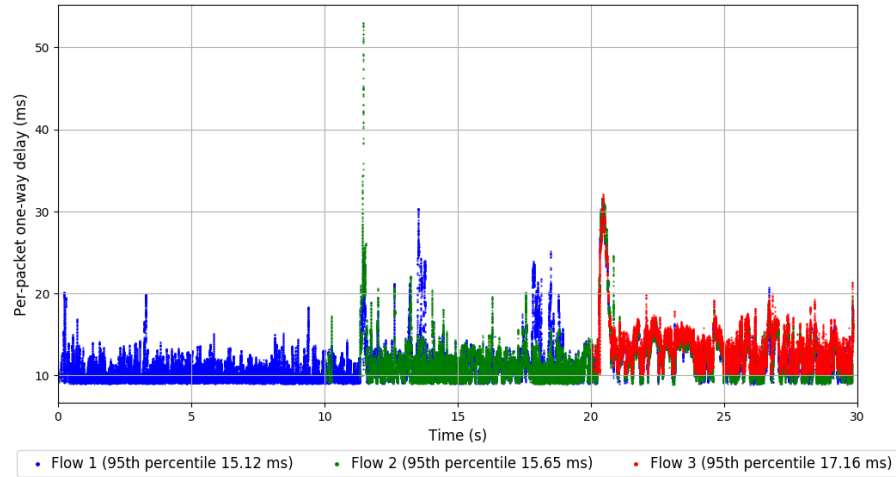
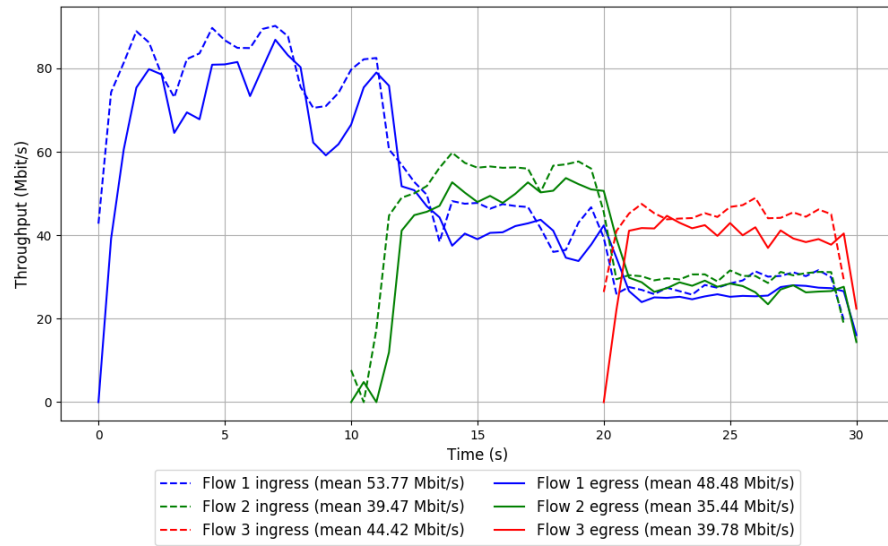


Run 5: Statistics of Indigo

Start at: 2018-08-01 09:10:00
End at: 2018-08-01 09:10:30
Local clock offset: -0.098 ms
Remote clock offset: -7.989 ms

Below is generated by plot.py at 2018-08-01 11:12:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.00 Mbit/s
95th percentile per-packet one-way delay: 15.895 ms
Loss rate: 10.01%
-- Flow 1:
Average throughput: 48.48 Mbit/s
95th percentile per-packet one-way delay: 15.122 ms
Loss rate: 9.81%
-- Flow 2:
Average throughput: 35.44 Mbit/s
95th percentile per-packet one-way delay: 15.650 ms
Loss rate: 10.19%
-- Flow 3:
Average throughput: 39.78 Mbit/s
95th percentile per-packet one-way delay: 17.158 ms
Loss rate: 10.42%

Run 5: Report of Indigo — Data Link

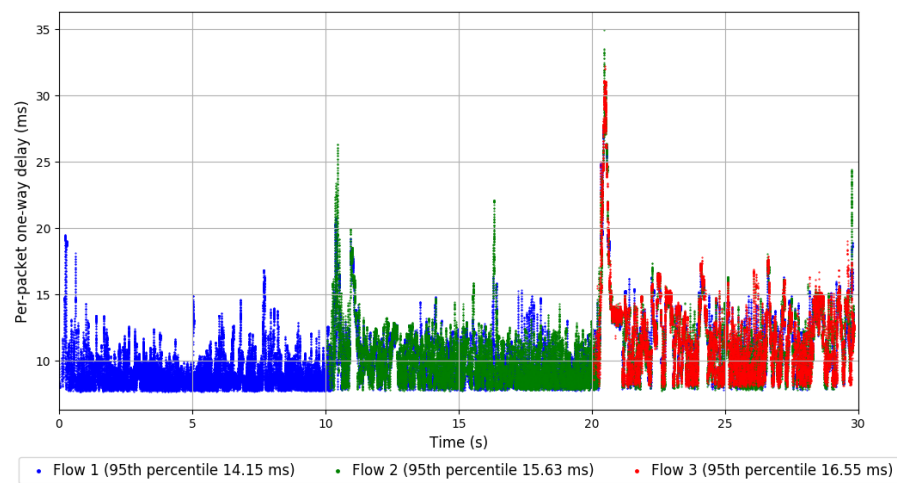
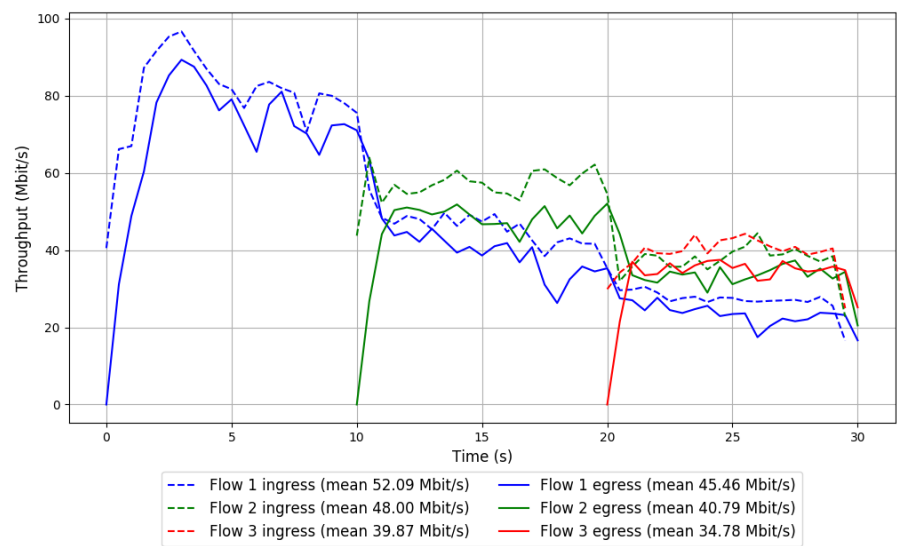


Run 6: Statistics of Indigo

Start at: 2018-08-01 09:30:00
End at: 2018-08-01 09:30:30
Local clock offset: 0.967 ms
Remote clock offset: -5.016 ms

Below is generated by plot.py at 2018-08-01 11:12:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.91 Mbit/s
95th percentile per-packet one-way delay: 15.112 ms
Loss rate: 13.47%
-- Flow 1:
Average throughput: 45.46 Mbit/s
95th percentile per-packet one-way delay: 14.146 ms
Loss rate: 12.72%
-- Flow 2:
Average throughput: 40.79 Mbit/s
95th percentile per-packet one-way delay: 15.634 ms
Loss rate: 15.02%
-- Flow 3:
Average throughput: 34.78 Mbit/s
95th percentile per-packet one-way delay: 16.551 ms
Loss rate: 12.73%

Run 6: Report of Indigo — Data Link

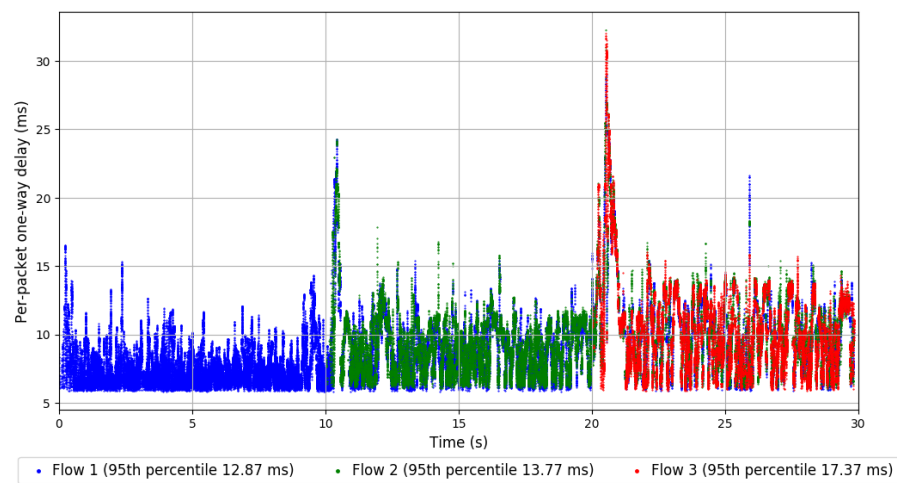
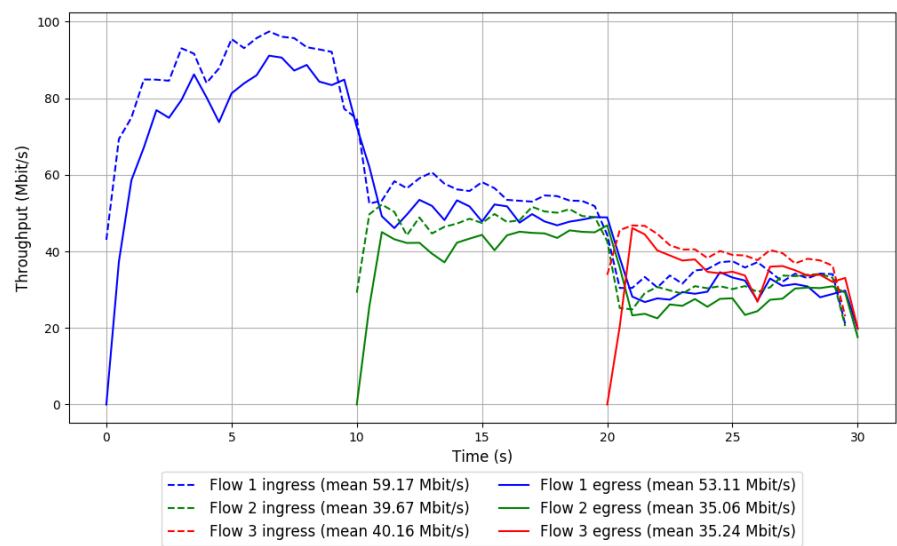


Run 7: Statistics of Indigo

Start at: 2018-08-01 09:49:55
End at: 2018-08-01 09:50:25
Local clock offset: 1.886 ms
Remote clock offset: -7.433 ms

Below is generated by plot.py at 2018-08-01 11:12:54
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.92 Mbit/s
95th percentile per-packet one-way delay: 13.633 ms
Loss rate: 10.86%
-- Flow 1:
Average throughput: 53.11 Mbit/s
95th percentile per-packet one-way delay: 12.871 ms
Loss rate: 10.23%
-- Flow 2:
Average throughput: 35.06 Mbit/s
95th percentile per-packet one-way delay: 13.770 ms
Loss rate: 11.60%
-- Flow 3:
Average throughput: 35.24 Mbit/s
95th percentile per-packet one-way delay: 17.372 ms
Loss rate: 12.25%

Run 7: Report of Indigo — Data Link

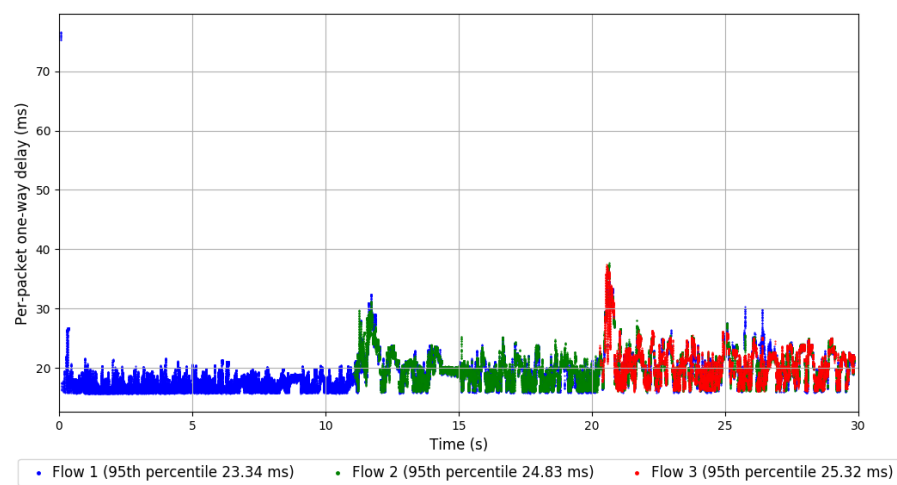
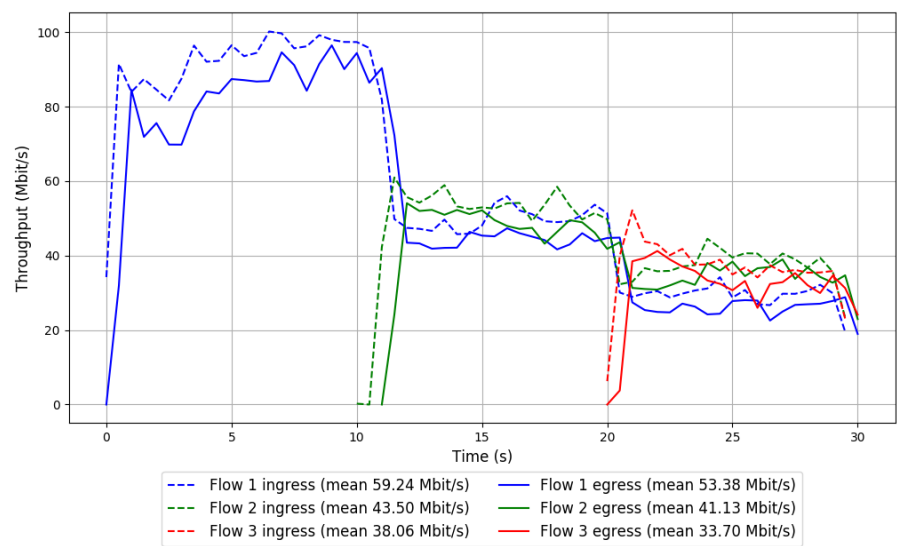


Run 8: Statistics of Indigo

Start at: 2018-08-01 10:10:09
End at: 2018-08-01 10:10:39
Local clock offset: -5.282 ms
Remote clock offset: -8.493 ms

Below is generated by plot.py at 2018-08-01 11:13:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.15 Mbit/s
95th percentile per-packet one-way delay: 24.225 ms
Loss rate: 10.26%
-- Flow 1:
Average throughput: 53.38 Mbit/s
95th percentile per-packet one-way delay: 23.345 ms
Loss rate: 10.05%
-- Flow 2:
Average throughput: 41.13 Mbit/s
95th percentile per-packet one-way delay: 24.833 ms
Loss rate: 10.21%
-- Flow 3:
Average throughput: 33.70 Mbit/s
95th percentile per-packet one-way delay: 25.320 ms
Loss rate: 11.44%

Run 8: Report of Indigo — Data Link

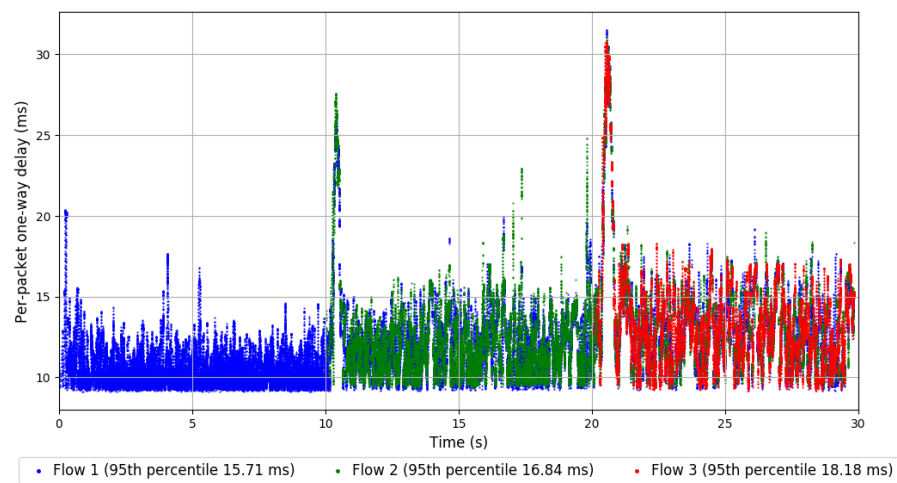
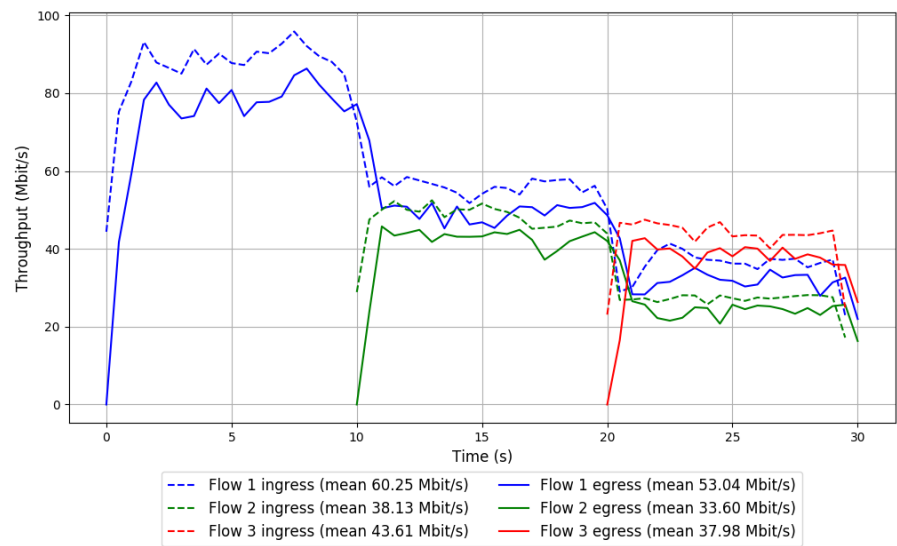


Run 9: Statistics of Indigo

Start at: 2018-08-01 10:30:22
End at: 2018-08-01 10:30:52
Local clock offset: 0.728 ms
Remote clock offset: -12.015 ms

Below is generated by plot.py at 2018-08-01 11:13:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.73 Mbit/s
95th percentile per-packet one-way delay: 16.526 ms
Loss rate: 12.06%
-- Flow 1:
Average throughput: 53.04 Mbit/s
95th percentile per-packet one-way delay: 15.713 ms
Loss rate: 11.96%
-- Flow 2:
Average throughput: 33.60 Mbit/s
95th percentile per-packet one-way delay: 16.843 ms
Loss rate: 11.86%
-- Flow 3:
Average throughput: 37.98 Mbit/s
95th percentile per-packet one-way delay: 18.180 ms
Loss rate: 12.85%

Run 9: Report of Indigo — Data Link

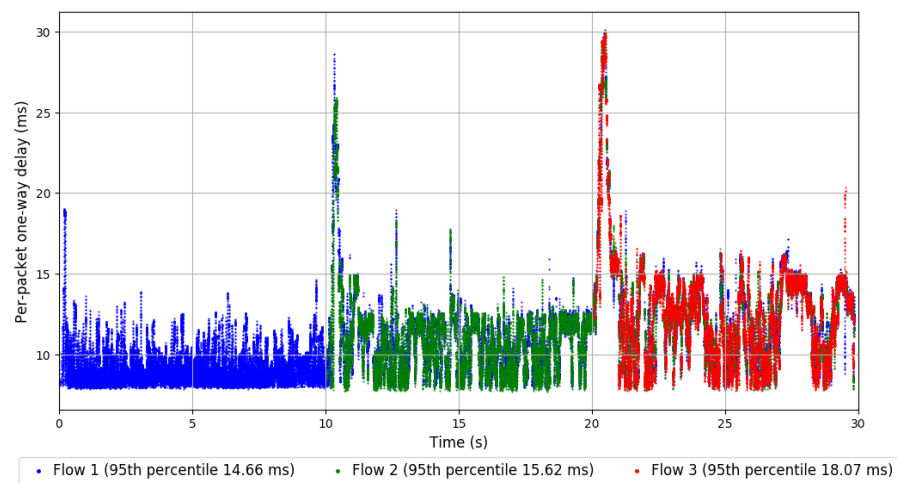
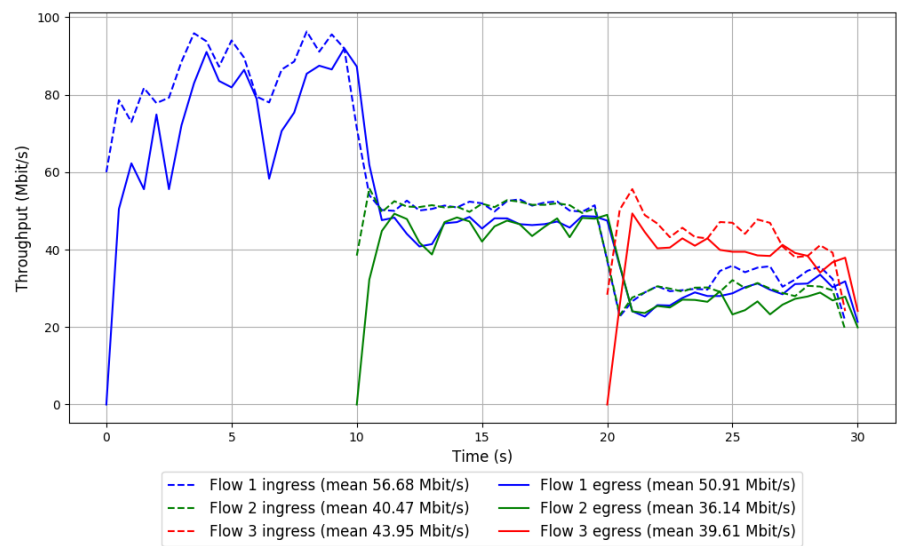


Run 10: Statistics of Indigo

Start at: 2018-08-01 10:50:10
End at: 2018-08-01 10:50:40
Local clock offset: 0.977 ms
Remote clock offset: -15.402 ms

Below is generated by plot.py at 2018-08-01 11:13:05
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.87 Mbit/s
95th percentile per-packet one-way delay: 15.493 ms
Loss rate: 10.27%
-- Flow 1:
Average throughput: 50.91 Mbit/s
95th percentile per-packet one-way delay: 14.661 ms
Loss rate: 10.17%
-- Flow 2:
Average throughput: 36.14 Mbit/s
95th percentile per-packet one-way delay: 15.621 ms
Loss rate: 10.69%
-- Flow 3:
Average throughput: 39.61 Mbit/s
95th percentile per-packet one-way delay: 18.069 ms
Loss rate: 9.88%

Run 10: Report of Indigo — Data Link

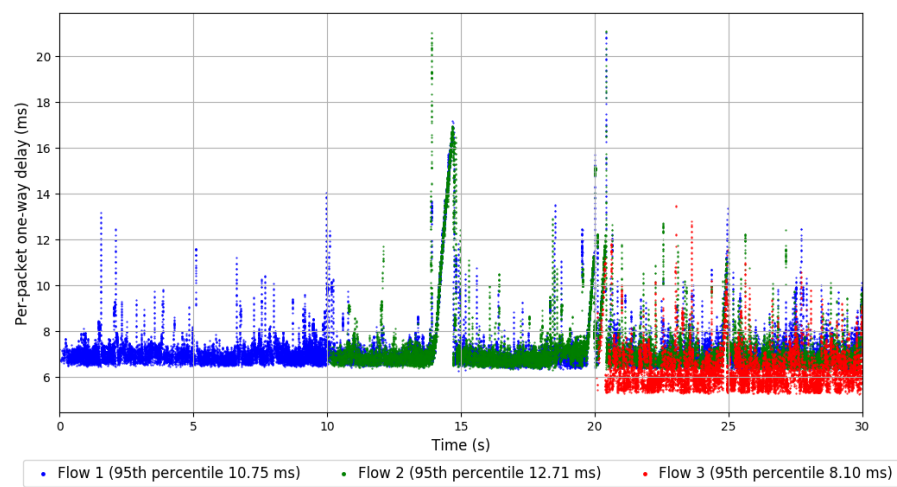
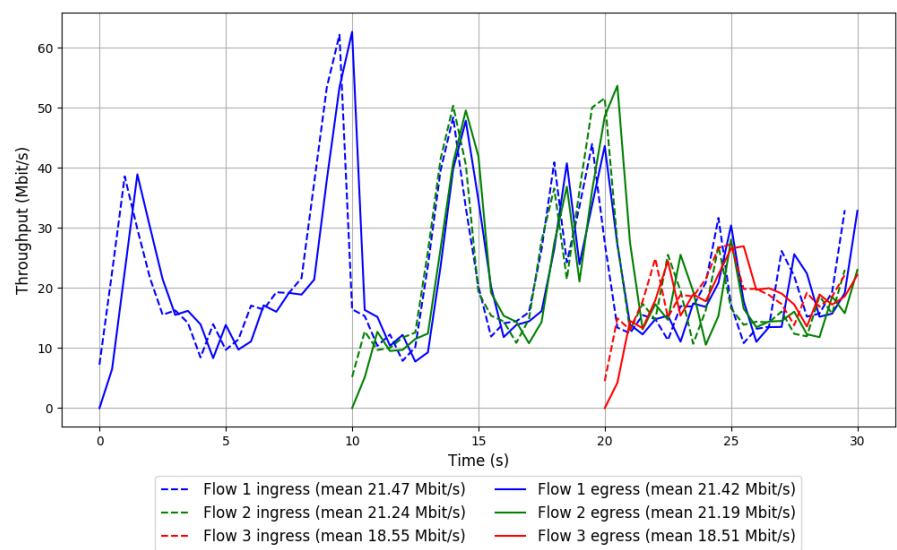


Run 1: Statistics of LEDBAT

Start at: 2018-08-01 07:53:51
End at: 2018-08-01 07:54:21
Local clock offset: 1.812 ms
Remote clock offset: -9.229 ms

Below is generated by plot.py at 2018-08-01 11:13:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.69 Mbit/s
95th percentile per-packet one-way delay: 11.061 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 21.42 Mbit/s
95th percentile per-packet one-way delay: 10.746 ms
Loss rate: 0.24%
-- Flow 2:
Average throughput: 21.19 Mbit/s
95th percentile per-packet one-way delay: 12.713 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 18.51 Mbit/s
95th percentile per-packet one-way delay: 8.102 ms
Loss rate: 0.23%

Run 1: Report of LEDBAT — Data Link

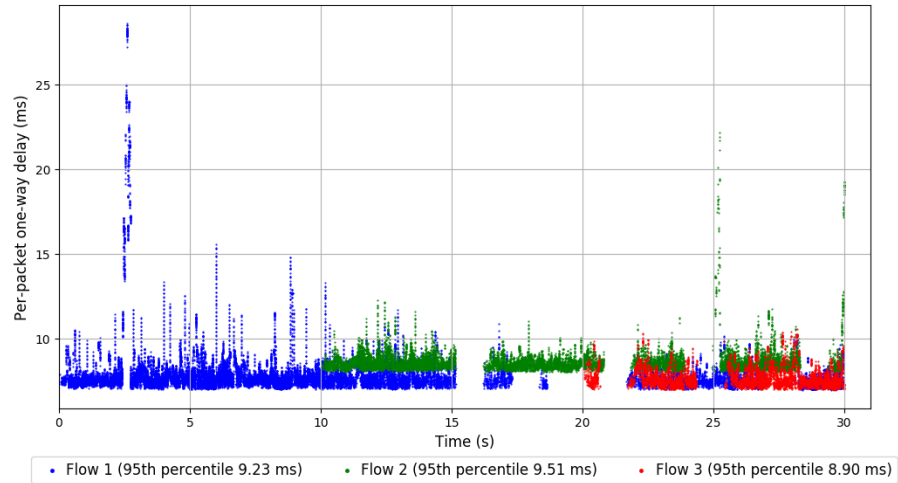
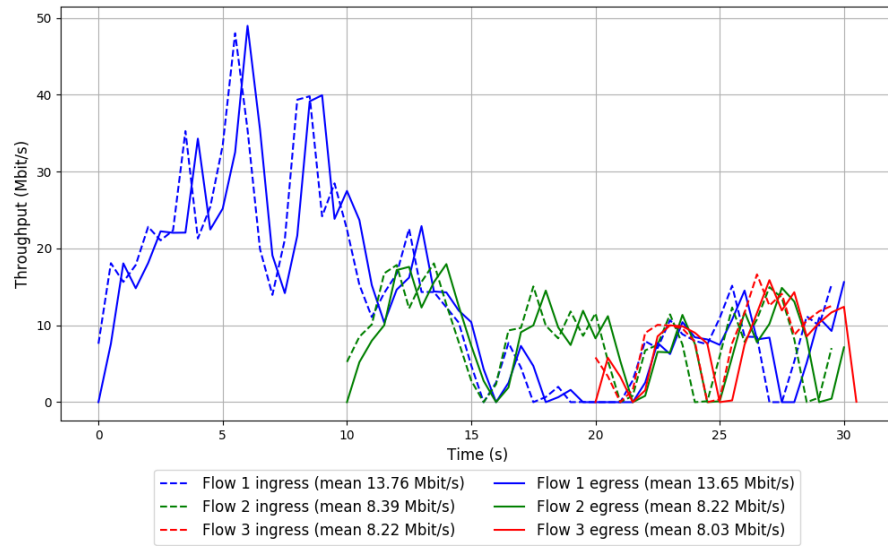


Run 2: Statistics of LEDBAT

Start at: 2018-08-01 08:13:28
End at: 2018-08-01 08:13:58
Local clock offset: -0.455 ms
Remote clock offset: -5.782 ms

Below is generated by plot.py at 2018-08-01 11:13:08
Datalink statistics
-- Total of 3 flows:
Average throughput: 21.78 Mbit/s
95th percentile per-packet one-way delay: 9.324 ms
Loss rate: 1.29%
-- Flow 1:
Average throughput: 13.65 Mbit/s
95th percentile per-packet one-way delay: 9.229 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 8.22 Mbit/s
95th percentile per-packet one-way delay: 9.514 ms
Loss rate: 2.04%
-- Flow 3:
Average throughput: 8.03 Mbit/s
95th percentile per-packet one-way delay: 8.900 ms
Loss rate: 2.28%

Run 2: Report of LEDBAT — Data Link

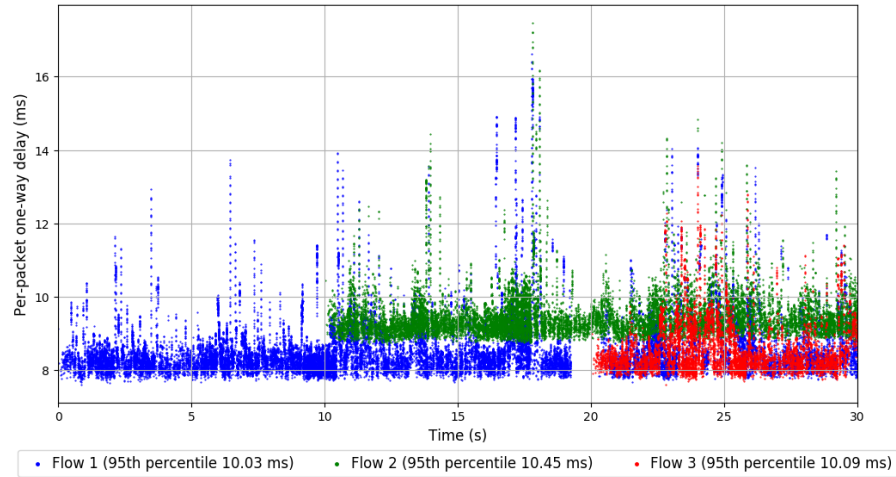
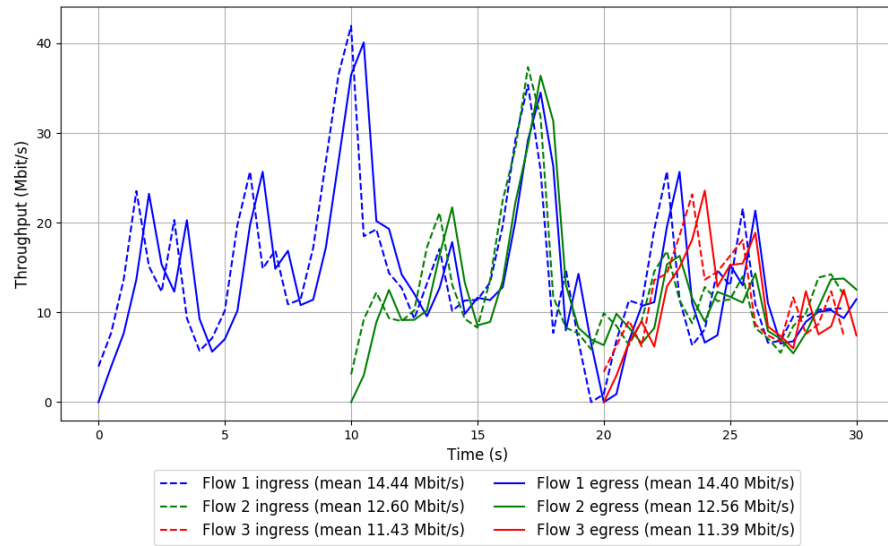


Run 3: Statistics of LEDBAT

Start at: 2018-08-01 08:33:02
End at: 2018-08-01 08:33:32
Local clock offset: 0.458 ms
Remote clock offset: -10.065 ms

Below is generated by plot.py at 2018-08-01 11:13:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 26.55 Mbit/s
95th percentile per-packet one-way delay: 10.256 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 14.40 Mbit/s
95th percentile per-packet one-way delay: 10.034 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 12.56 Mbit/s
95th percentile per-packet one-way delay: 10.446 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 11.39 Mbit/s
95th percentile per-packet one-way delay: 10.086 ms
Loss rate: 0.36%

Run 3: Report of LEDBAT — Data Link

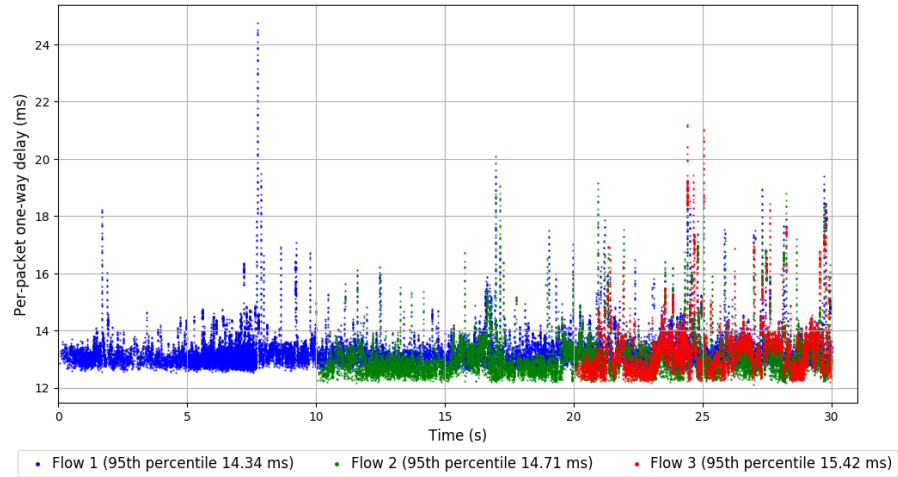
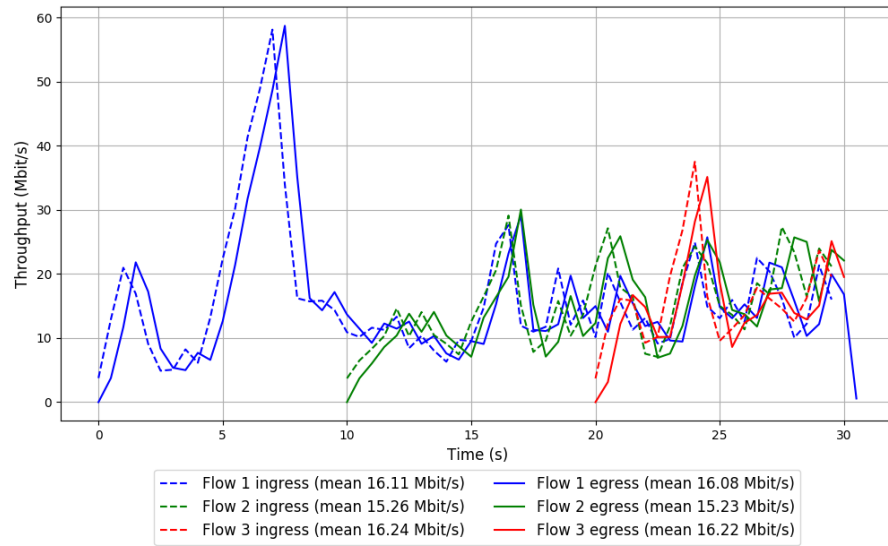


Run 4: Statistics of LEDBAT

Start at: 2018-08-01 08:53:18
End at: 2018-08-01 08:53:48
Local clock offset: -0.795 ms
Remote clock offset: -10.388 ms

Below is generated by plot.py at 2018-08-01 11:13:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.60 Mbit/s
95th percentile per-packet one-way delay: 14.618 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 16.08 Mbit/s
95th percentile per-packet one-way delay: 14.337 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 15.23 Mbit/s
95th percentile per-packet one-way delay: 14.705 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 16.22 Mbit/s
95th percentile per-packet one-way delay: 15.422 ms
Loss rate: 0.15%

Run 4: Report of LEDBAT — Data Link

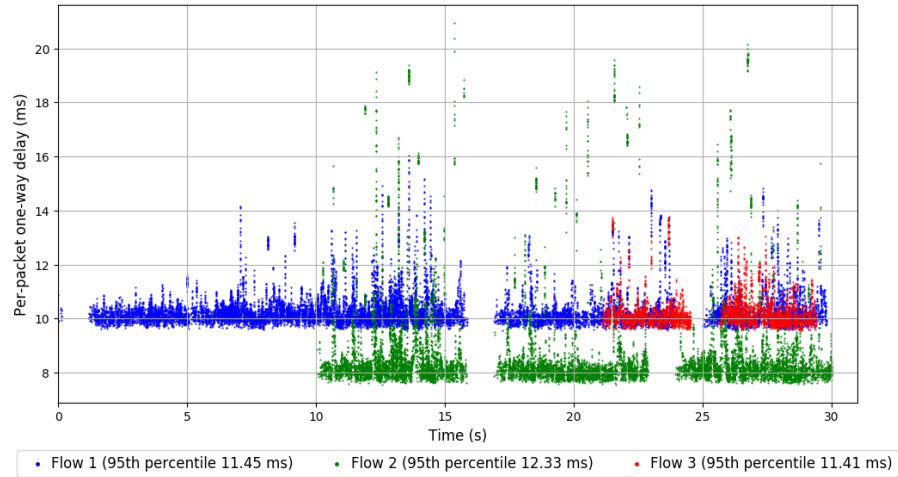
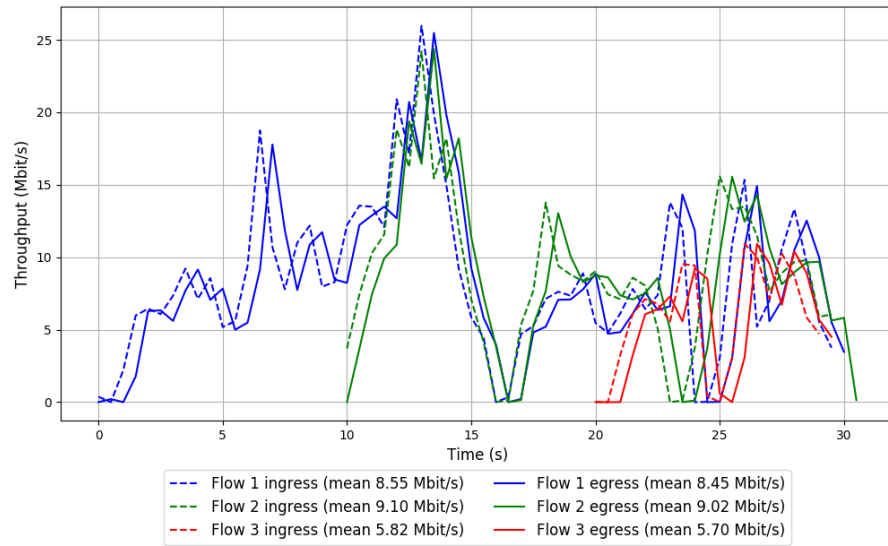


Run 5: Statistics of LEDBAT

Start at: 2018-08-01 09:13:24
End at: 2018-08-01 09:13:54
Local clock offset: 1.607 ms
Remote clock offset: -6.272 ms

Below is generated by plot.py at 2018-08-01 11:13:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.19 Mbit/s
95th percentile per-packet one-way delay: 11.564 ms
Loss rate: 1.11%
-- Flow 1:
Average throughput: 8.45 Mbit/s
95th percentile per-packet one-way delay: 11.447 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 9.02 Mbit/s
95th percentile per-packet one-way delay: 12.331 ms
Loss rate: 0.86%
-- Flow 3:
Average throughput: 5.70 Mbit/s
95th percentile per-packet one-way delay: 11.408 ms
Loss rate: 1.98%

Run 5: Report of LEDBAT — Data Link

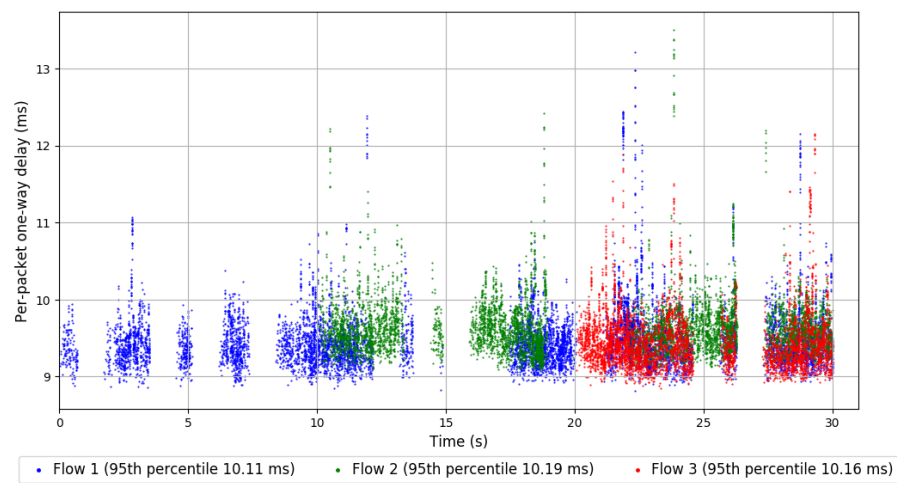
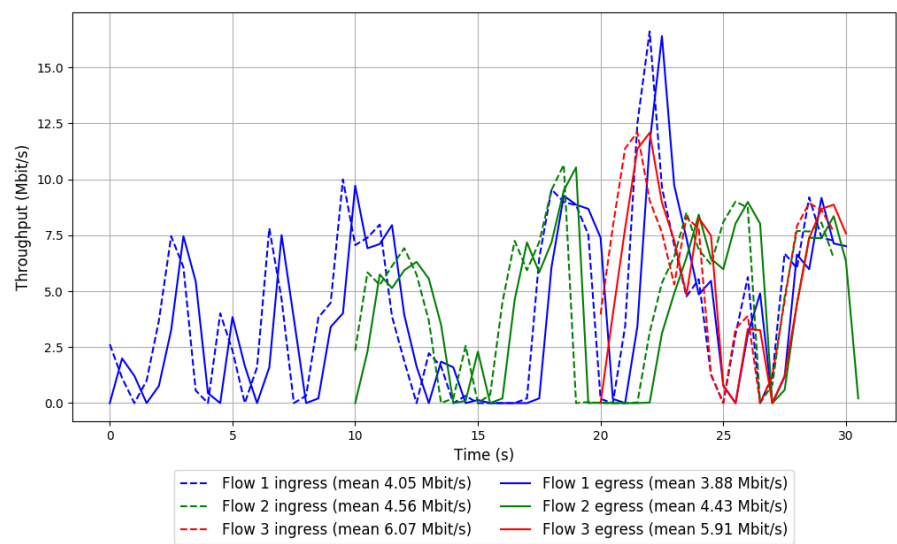


Run 6: Statistics of LEDBAT

Start at: 2018-08-01 09:33:30
End at: 2018-08-01 09:34:00
Local clock offset: 0.953 ms
Remote clock offset: -4.512 ms

Below is generated by plot.py at 2018-08-01 11:13:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 8.79 Mbit/s
95th percentile per-packet one-way delay: 10.158 ms
Loss rate: 3.39%
-- Flow 1:
Average throughput: 3.88 Mbit/s
95th percentile per-packet one-way delay: 10.105 ms
Loss rate: 4.15%
-- Flow 2:
Average throughput: 4.43 Mbit/s
95th percentile per-packet one-way delay: 10.194 ms
Loss rate: 2.79%
-- Flow 3:
Average throughput: 5.91 Mbit/s
95th percentile per-packet one-way delay: 10.161 ms
Loss rate: 2.78%

Run 6: Report of LEDBAT — Data Link

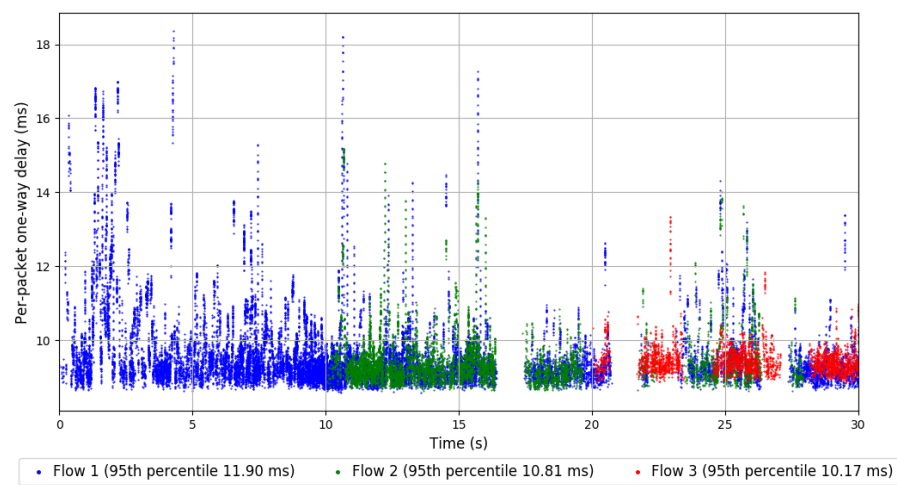
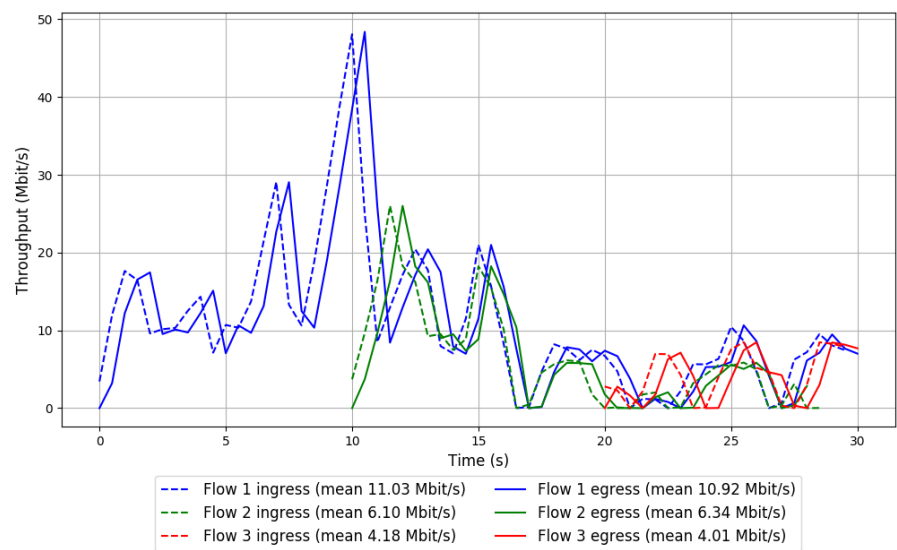


Run 7: Statistics of LEDBAT

Start at: 2018-08-01 09:53:23
End at: 2018-08-01 09:53:53
Local clock offset: 0.934 ms
Remote clock offset: -5.684 ms

Below is generated by plot.py at 2018-08-01 11:13:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.03 Mbit/s
95th percentile per-packet one-way delay: 11.506 ms
Loss rate: 1.46%
-- Flow 1:
Average throughput: 10.92 Mbit/s
95th percentile per-packet one-way delay: 11.898 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 6.34 Mbit/s
95th percentile per-packet one-way delay: 10.815 ms
Loss rate: 1.87%
-- Flow 3:
Average throughput: 4.01 Mbit/s
95th percentile per-packet one-way delay: 10.169 ms
Loss rate: 4.14%

Run 7: Report of LEDBAT — Data Link

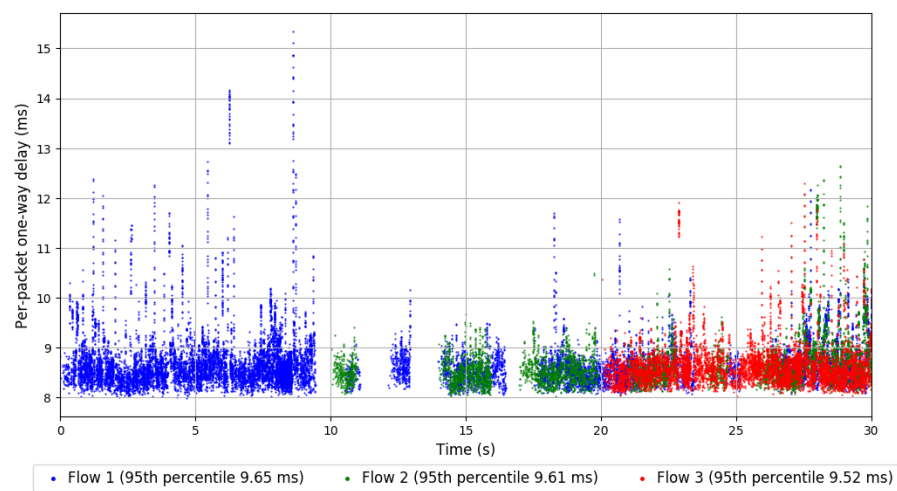
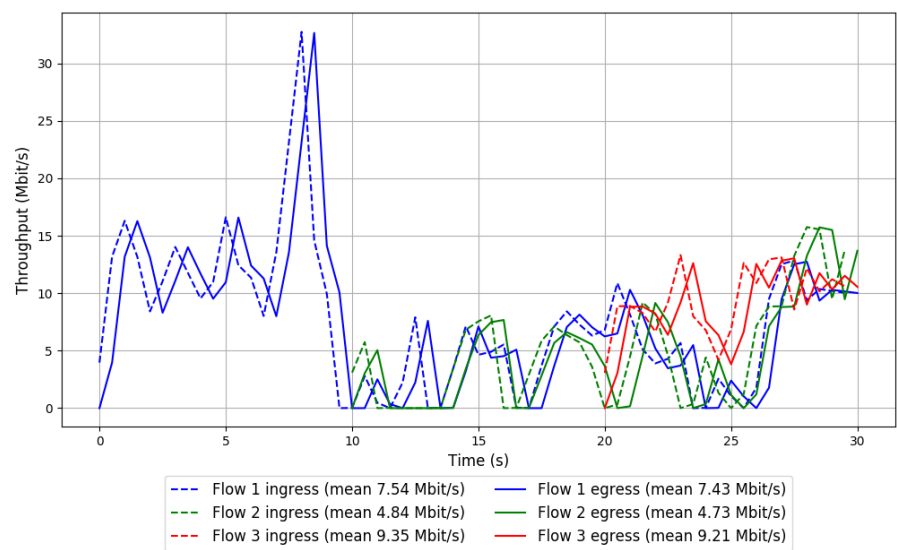


Run 8: Statistics of LEDBAT

Start at: 2018-08-01 10:13:38
End at: 2018-08-01 10:14:08
Local clock offset: 2.403 ms
Remote clock offset: -9.399 ms

Below is generated by plot.py at 2018-08-01 11:13:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 13.64 Mbit/s
95th percentile per-packet one-way delay: 9.626 ms
Loss rate: 1.62%
-- Flow 1:
Average throughput: 7.43 Mbit/s
95th percentile per-packet one-way delay: 9.651 ms
Loss rate: 1.37%
-- Flow 2:
Average throughput: 4.73 Mbit/s
95th percentile per-packet one-way delay: 9.607 ms
Loss rate: 2.31%
-- Flow 3:
Average throughput: 9.21 Mbit/s
95th percentile per-packet one-way delay: 9.519 ms
Loss rate: 1.52%

Run 8: Report of LEDBAT — Data Link

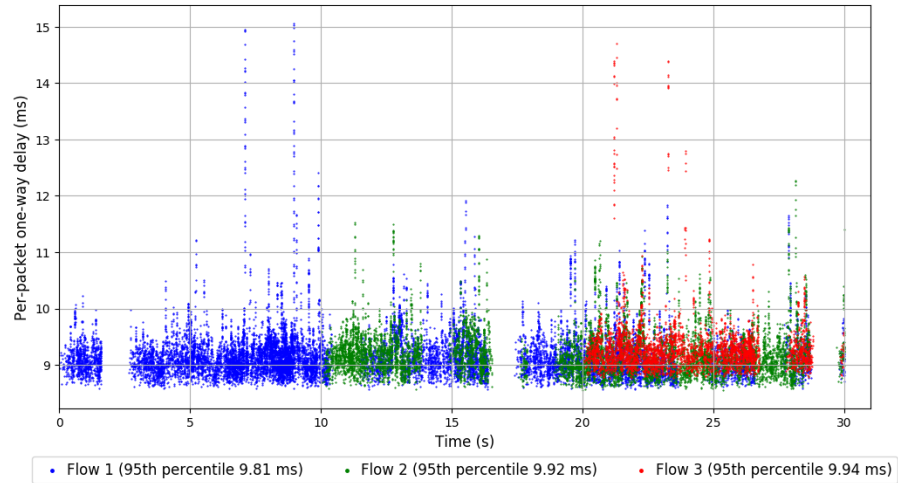
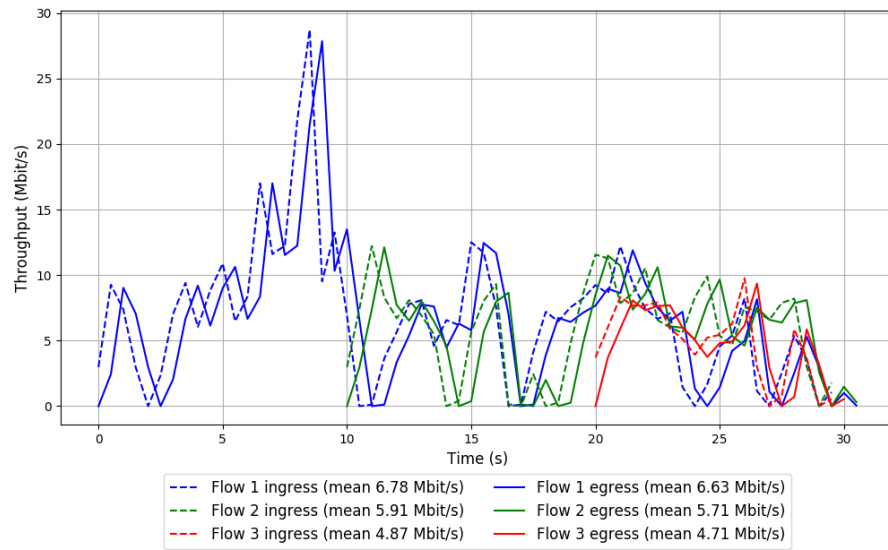


Run 9: Statistics of LEDBAT

Start at: 2018-08-01 10:33:51
End at: 2018-08-01 10:34:21
Local clock offset: 1.195 ms
Remote clock offset: -12.221 ms

Below is generated by plot.py at 2018-08-01 11:13:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.00 Mbit/s
95th percentile per-packet one-way delay: 9.867 ms
Loss rate: 2.73%
-- Flow 1:
Average throughput: 6.63 Mbit/s
95th percentile per-packet one-way delay: 9.812 ms
Loss rate: 2.21%
-- Flow 2:
Average throughput: 5.71 Mbit/s
95th percentile per-packet one-way delay: 9.920 ms
Loss rate: 3.35%
-- Flow 3:
Average throughput: 4.71 Mbit/s
95th percentile per-packet one-way delay: 9.937 ms
Loss rate: 3.39%

Run 9: Report of LEDBAT — Data Link

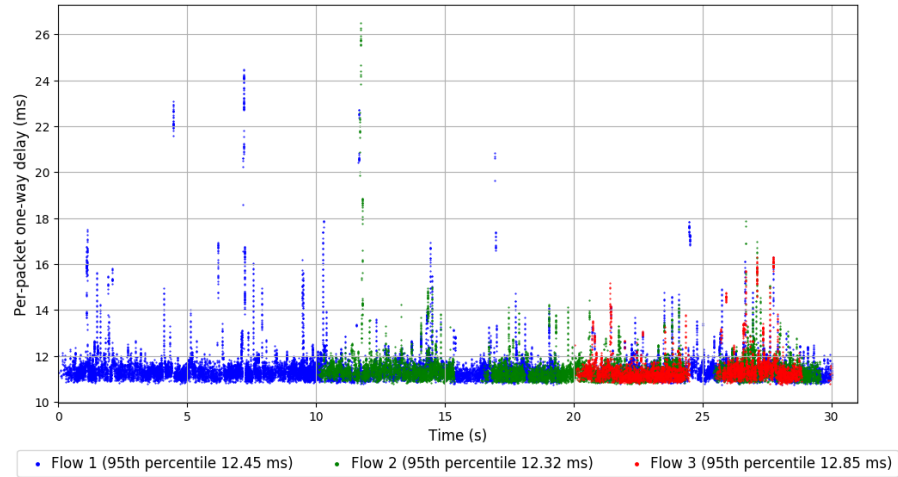
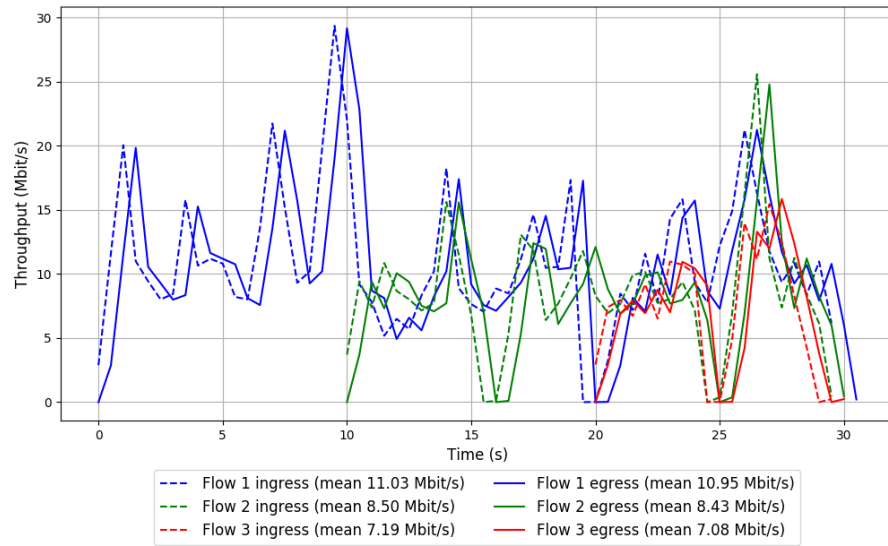


Run 10: Statistics of LEDBAT

Start at: 2018-08-01 10:53:33
End at: 2018-08-01 10:54:03
Local clock offset: -0.011 ms
Remote clock offset: -13.506 ms

Below is generated by plot.py at 2018-08-01 11:13:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 18.79 Mbit/s
95th percentile per-packet one-way delay: 12.441 ms
Loss rate: 0.85%
-- Flow 1:
Average throughput: 10.95 Mbit/s
95th percentile per-packet one-way delay: 12.446 ms
Loss rate: 0.69%
-- Flow 2:
Average throughput: 8.43 Mbit/s
95th percentile per-packet one-way delay: 12.322 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 7.08 Mbit/s
95th percentile per-packet one-way delay: 12.853 ms
Loss rate: 1.54%

Run 10: Report of LEDBAT — Data Link

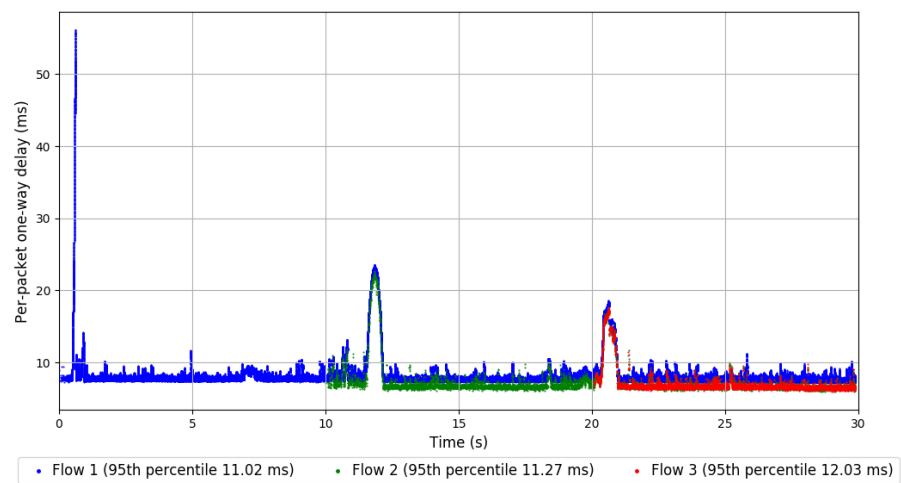
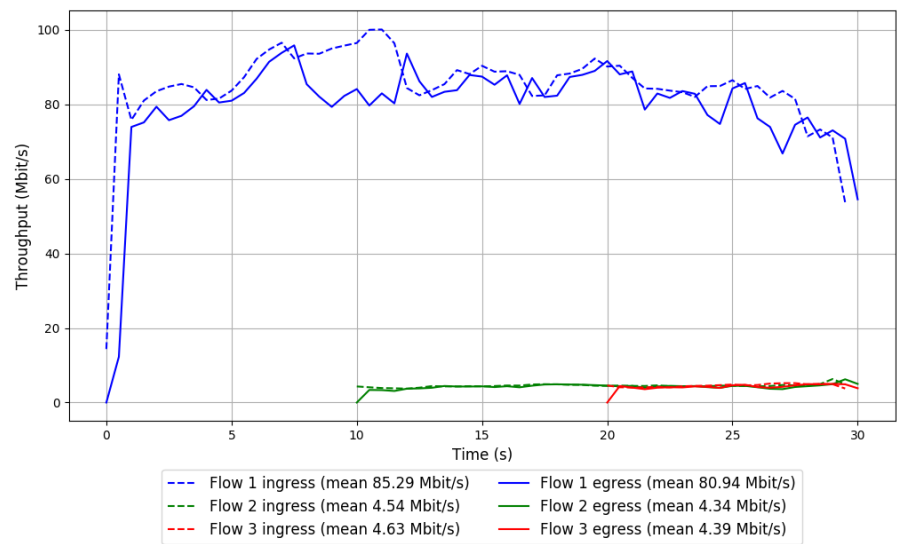


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-08-01 07:52:42
End at: 2018-08-01 07:53:12
Local clock offset: 0.655 ms
Remote clock offset: -10.096 ms

# Below is generated by plot.py at 2018-08-01 11:14:12
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.27 Mbit/s
95th percentile per-packet one-way delay: 11.043 ms
Loss rate: 5.09%
-- Flow 1:
Average throughput: 80.94 Mbit/s
95th percentile per-packet one-way delay: 11.022 ms
Loss rate: 5.11%
-- Flow 2:
Average throughput: 4.34 Mbit/s
95th percentile per-packet one-way delay: 11.272 ms
Loss rate: 4.31%
-- Flow 3:
Average throughput: 4.39 Mbit/s
95th percentile per-packet one-way delay: 12.028 ms
Loss rate: 5.13%
```

Run 1: Report of PCC-Allegro — Data Link

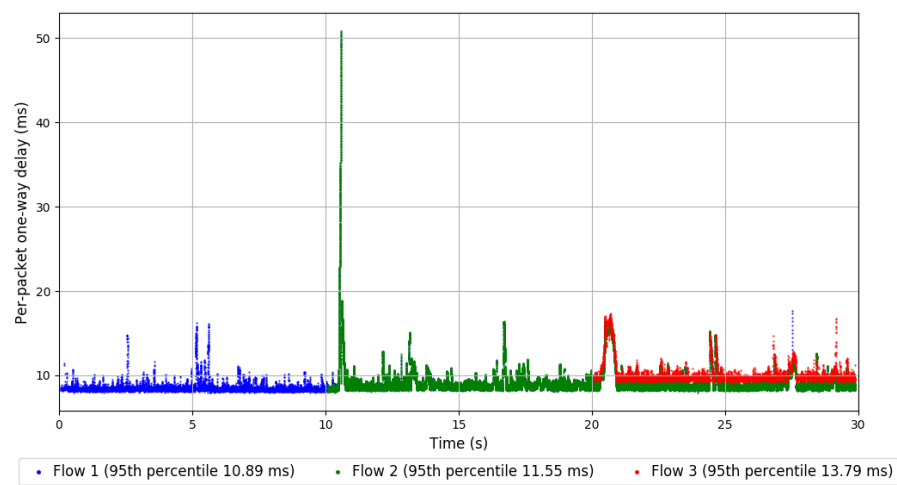
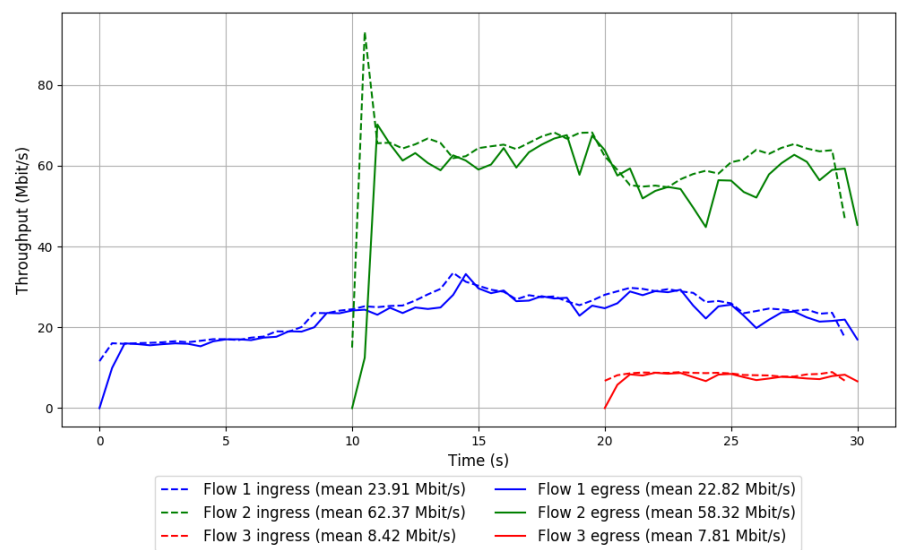


Run 2: Statistics of PCC-Allegro

Start at: 2018-08-01 08:12:21
End at: 2018-08-01 08:12:51
Local clock offset: 1.748 ms
Remote clock offset: -2.562 ms

Below is generated by plot.py at 2018-08-01 11:14:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.18 Mbit/s
95th percentile per-packet one-way delay: 11.417 ms
Loss rate: 5.84%
-- Flow 1:
Average throughput: 22.82 Mbit/s
95th percentile per-packet one-way delay: 10.887 ms
Loss rate: 4.55%
-- Flow 2:
Average throughput: 58.32 Mbit/s
95th percentile per-packet one-way delay: 11.554 ms
Loss rate: 6.49%
-- Flow 3:
Average throughput: 7.81 Mbit/s
95th percentile per-packet one-way delay: 13.791 ms
Loss rate: 7.25%

Run 2: Report of PCC-Allegro — Data Link

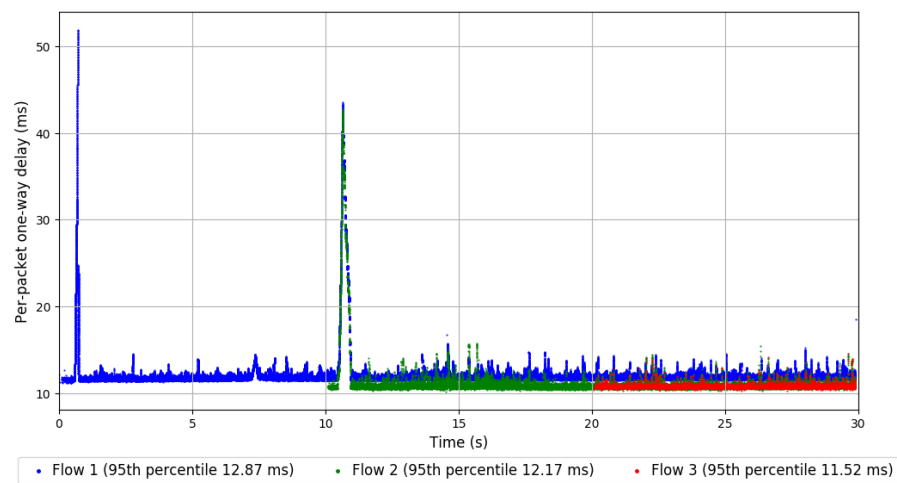
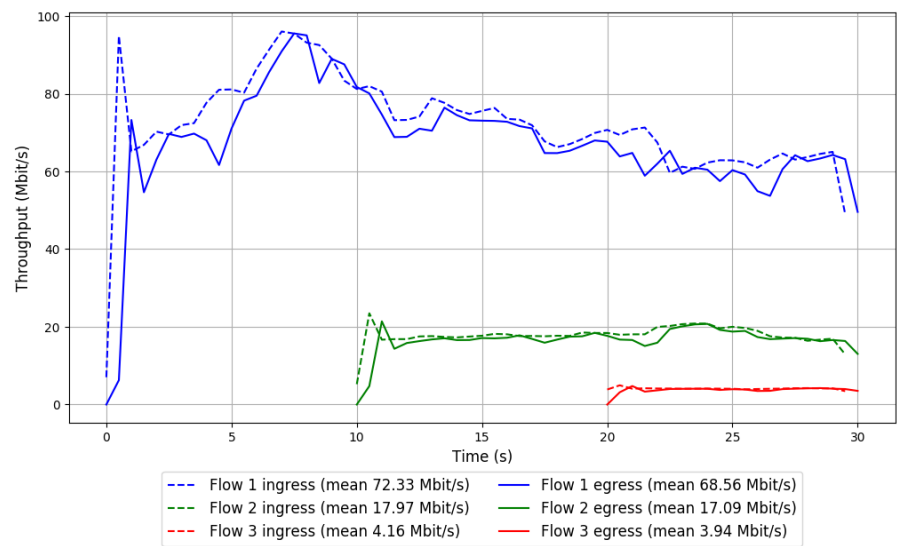


Run 3: Statistics of PCC-Allegro

Start at: 2018-08-01 08:31:55
End at: 2018-08-01 08:32:25
Local clock offset: -1.226 ms
Remote clock offset: -8.785 ms

Below is generated by plot.py at 2018-08-01 11:14:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.23 Mbit/s
95th percentile per-packet one-way delay: 12.804 ms
Loss rate: 5.15%
-- Flow 1:
Average throughput: 68.56 Mbit/s
95th percentile per-packet one-way delay: 12.872 ms
Loss rate: 5.20%
-- Flow 2:
Average throughput: 17.09 Mbit/s
95th percentile per-packet one-way delay: 12.171 ms
Loss rate: 4.86%
-- Flow 3:
Average throughput: 3.94 Mbit/s
95th percentile per-packet one-way delay: 11.520 ms
Loss rate: 5.29%

Run 3: Report of PCC-Allegro — Data Link

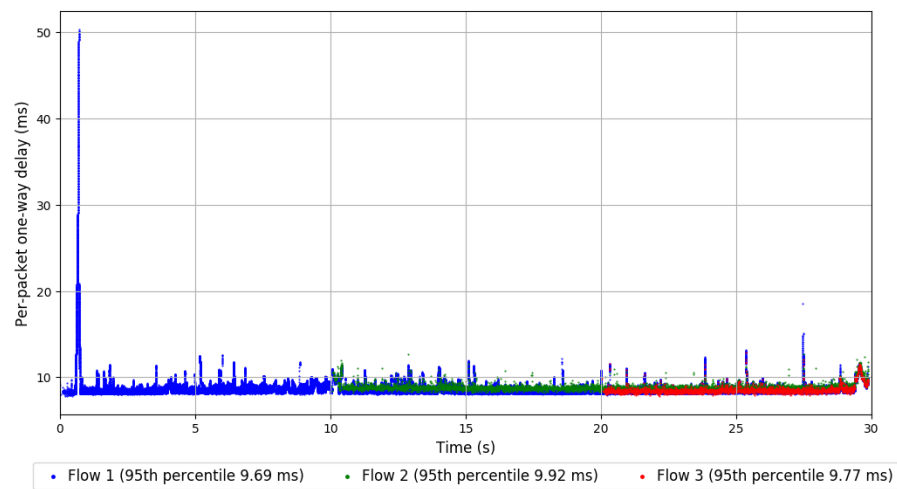
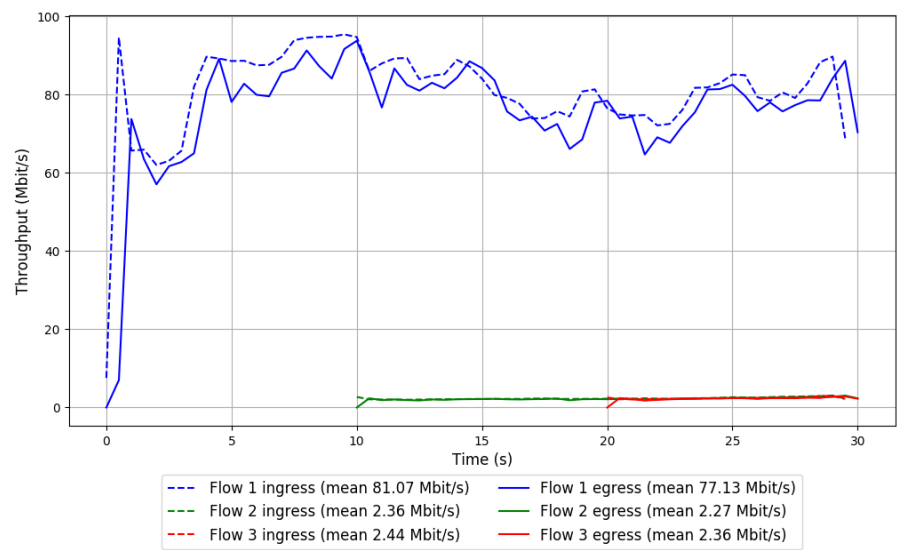


Run 4: Statistics of PCC-Allegro

Start at: 2018-08-01 08:52:09
End at: 2018-08-01 08:52:39
Local clock offset: 2.63 ms
Remote clock offset: -11.05 ms

Below is generated by plot.py at 2018-08-01 11:14:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.41 Mbit/s
95th percentile per-packet one-way delay: 9.700 ms
Loss rate: 4.83%
-- Flow 1:
Average throughput: 77.13 Mbit/s
95th percentile per-packet one-way delay: 9.694 ms
Loss rate: 4.86%
-- Flow 2:
Average throughput: 2.27 Mbit/s
95th percentile per-packet one-way delay: 9.920 ms
Loss rate: 4.22%
-- Flow 3:
Average throughput: 2.36 Mbit/s
95th percentile per-packet one-way delay: 9.766 ms
Loss rate: 3.43%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-08-01 09:12:17

End at: 2018-08-01 09:12:47

Local clock offset: 1.6 ms

Remote clock offset: -7.76 ms

Below is generated by plot.py at 2018-08-01 11:14:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 51.46 Mbit/s

95th percentile per-packet one-way delay: 9.610 ms

Loss rate: 7.05%

-- Flow 1:

Average throughput: 4.48 Mbit/s

95th percentile per-packet one-way delay: 7.904 ms

Loss rate: 5.07%

-- Flow 2:

Average throughput: 69.72 Mbit/s

95th percentile per-packet one-way delay: 9.689 ms

Loss rate: 7.26%

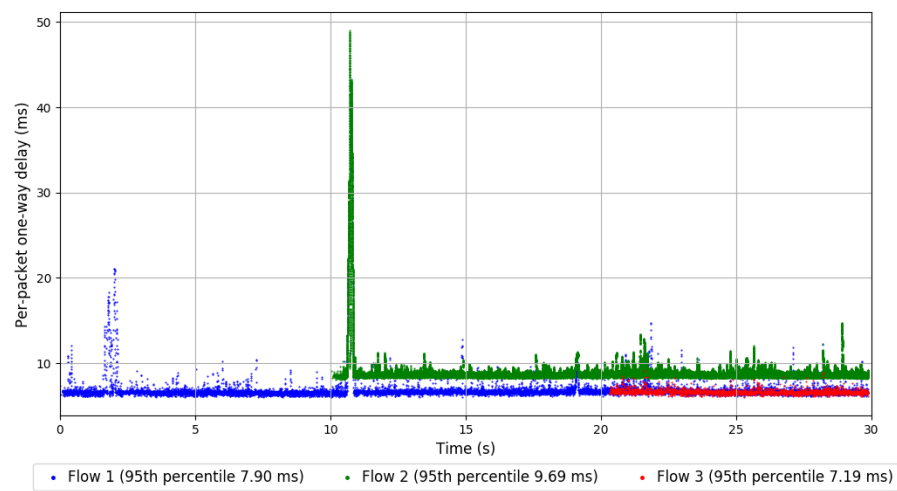
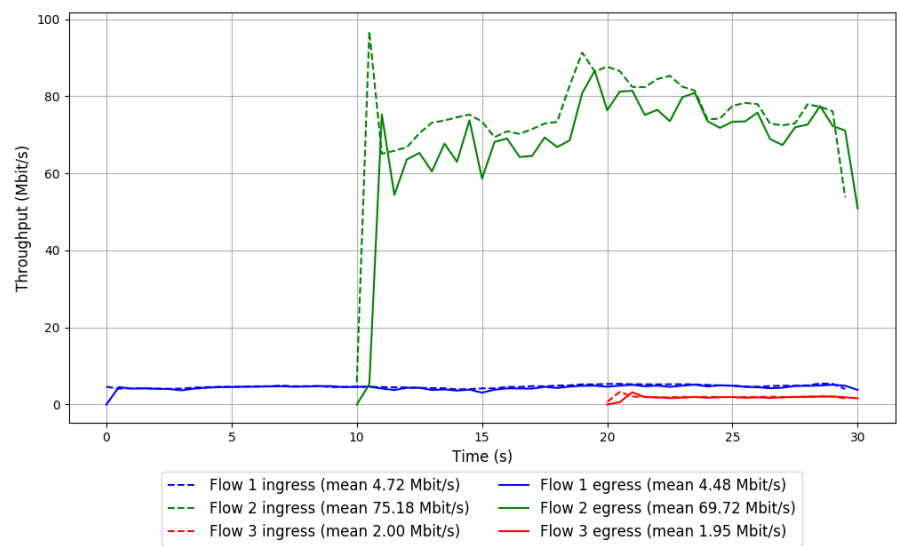
-- Flow 3:

Average throughput: 1.95 Mbit/s

95th percentile per-packet one-way delay: 7.189 ms

Loss rate: 5.21%

Run 5: Report of PCC-Allegro — Data Link

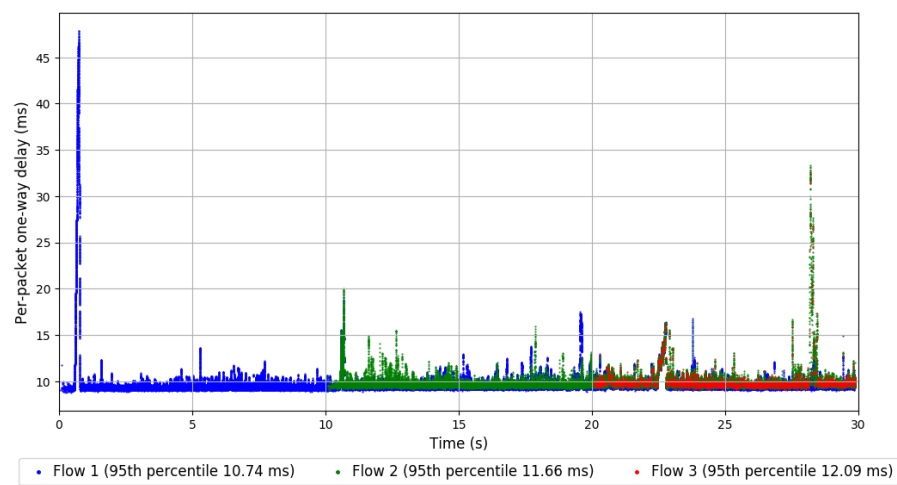
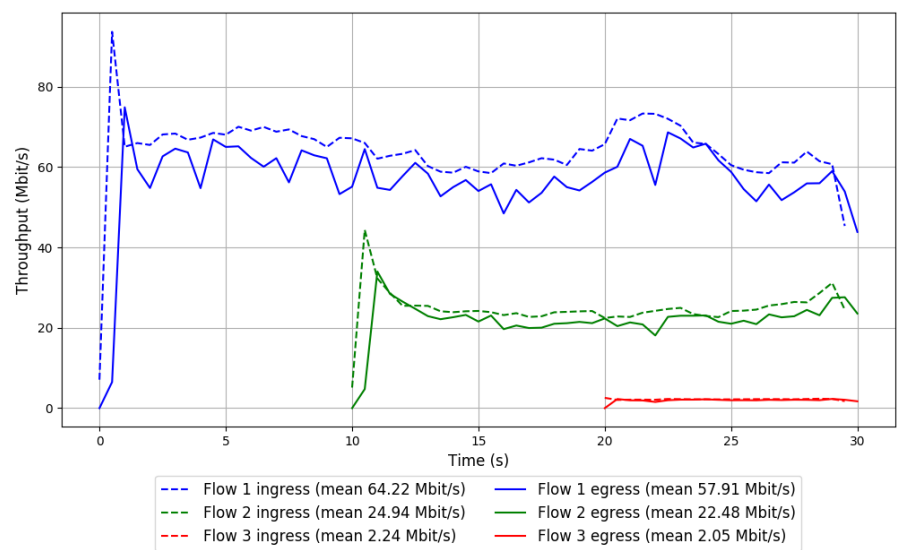


Run 6: Statistics of PCC-Allegro

Start at: 2018-08-01 09:32:20
End at: 2018-08-01 09:32:50
Local clock offset: 0.672 ms
Remote clock offset: -4.517 ms

Below is generated by plot.py at 2018-08-01 11:14:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.53 Mbit/s
95th percentile per-packet one-way delay: 10.942 ms
Loss rate: 9.82%
-- Flow 1:
Average throughput: 57.91 Mbit/s
95th percentile per-packet one-way delay: 10.740 ms
Loss rate: 9.83%
-- Flow 2:
Average throughput: 22.48 Mbit/s
95th percentile per-packet one-way delay: 11.656 ms
Loss rate: 9.86%
-- Flow 3:
Average throughput: 2.05 Mbit/s
95th percentile per-packet one-way delay: 12.090 ms
Loss rate: 8.48%

Run 6: Report of PCC-Allegro — Data Link

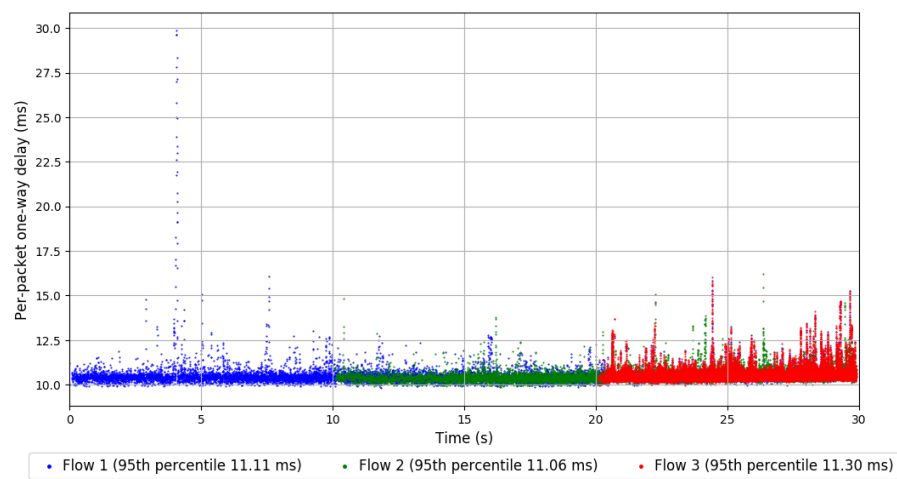
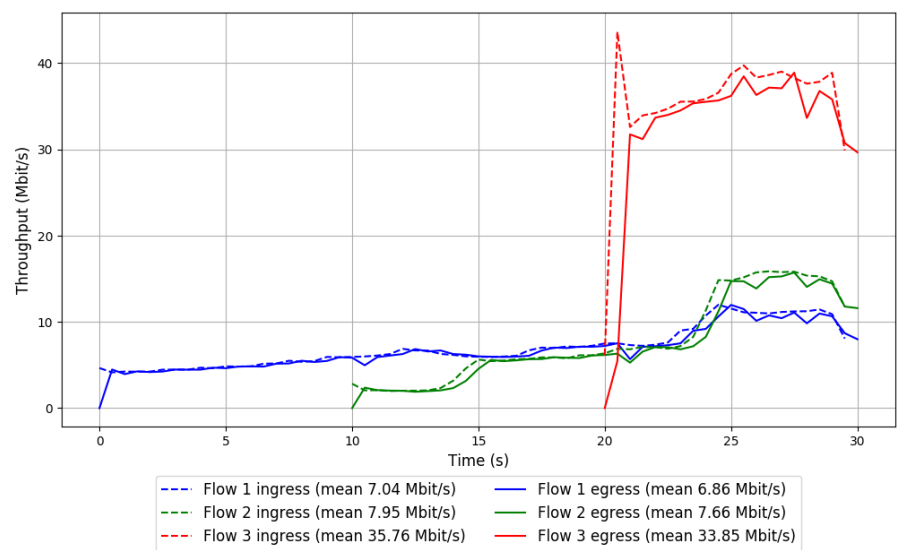


Run 7: Statistics of PCC-Allegro

Start at: 2018-08-01 09:52:15
End at: 2018-08-01 09:52:45
Local clock offset: -0.906 ms
Remote clock offset: -6.166 ms

Below is generated by plot.py at 2018-08-01 11:14:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 23.13 Mbit/s
95th percentile per-packet one-way delay: 11.179 ms
Loss rate: 4.18%
-- Flow 1:
Average throughput: 6.86 Mbit/s
95th percentile per-packet one-way delay: 11.110 ms
Loss rate: 2.56%
-- Flow 2:
Average throughput: 7.66 Mbit/s
95th percentile per-packet one-way delay: 11.062 ms
Loss rate: 3.69%
-- Flow 3:
Average throughput: 33.85 Mbit/s
95th percentile per-packet one-way delay: 11.303 ms
Loss rate: 5.35%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-08-01 10:12:30

End at: 2018-08-01 10:13:00

Local clock offset: 0.125 ms

Remote clock offset: -8.66 ms

Below is generated by plot.py at 2018-08-01 11:14:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 57.14 Mbit/s

95th percentile per-packet one-way delay: 19.460 ms

Loss rate: 6.76%

-- Flow 1:

Average throughput: 11.79 Mbit/s

95th percentile per-packet one-way delay: 13.012 ms

Loss rate: 4.88%

-- Flow 2:

Average throughput: 61.06 Mbit/s

95th percentile per-packet one-way delay: 19.487 ms

Loss rate: 7.41%

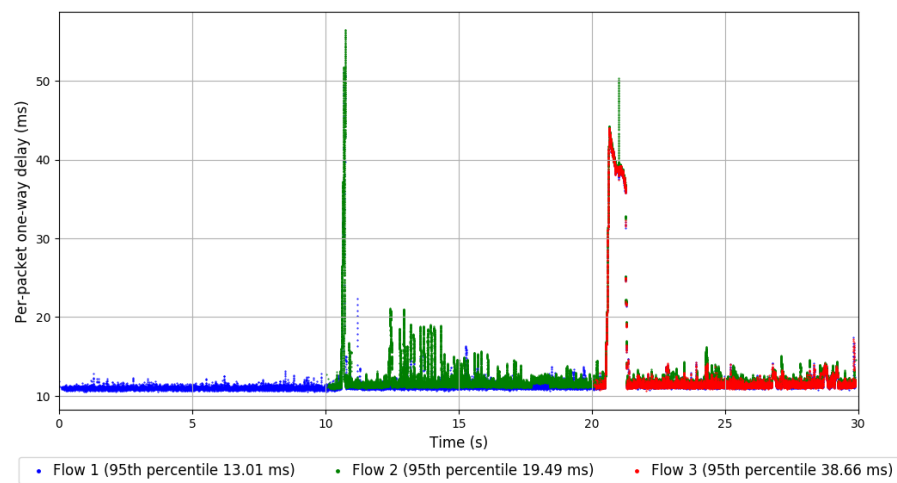
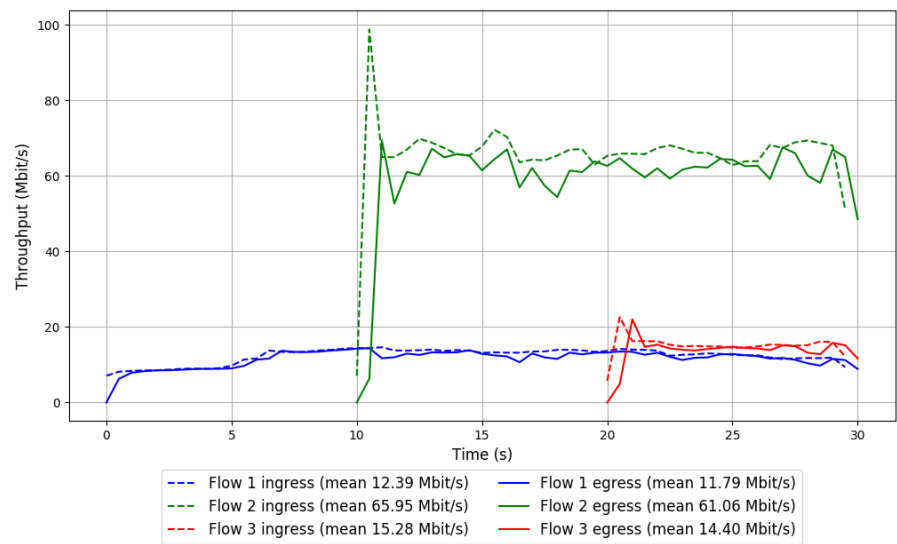
-- Flow 3:

Average throughput: 14.40 Mbit/s

95th percentile per-packet one-way delay: 38.656 ms

Loss rate: 5.75%

Run 8: Report of PCC-Allegro — Data Link

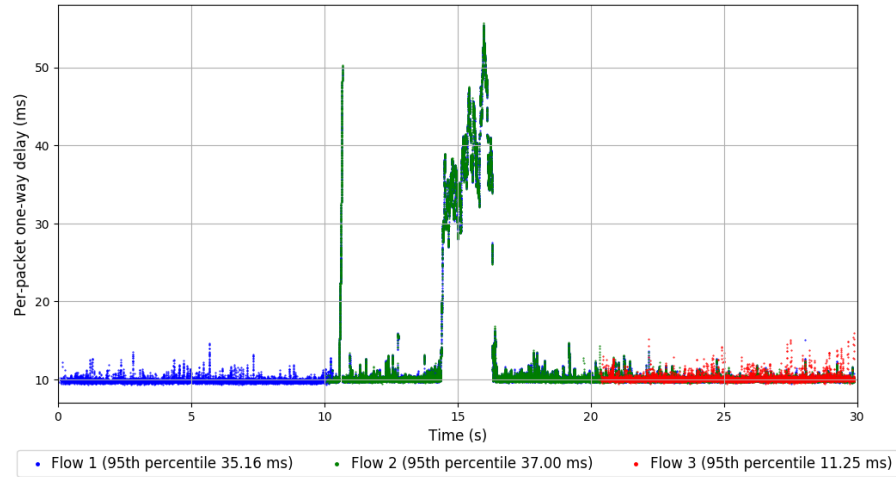
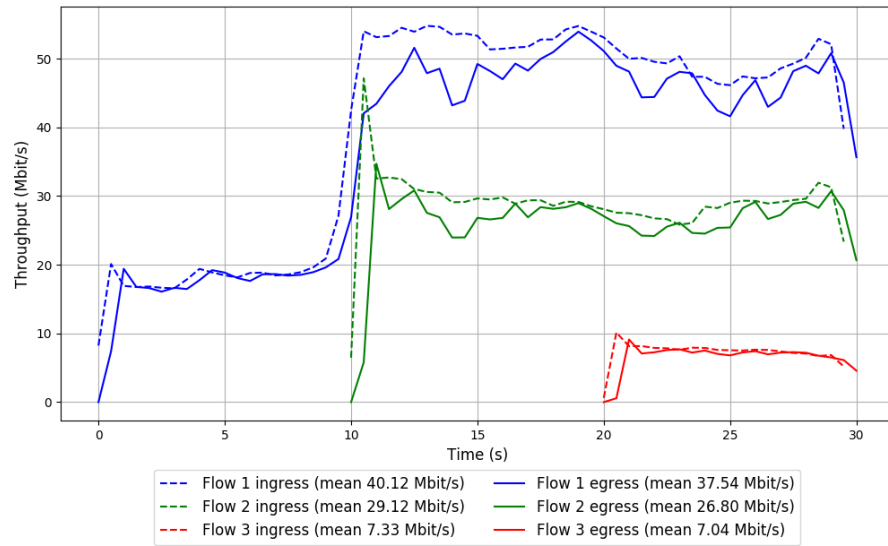


Run 9: Statistics of PCC-Allegro

Start at: 2018-08-01 10:32:42
End at: 2018-08-01 10:33:12
Local clock offset: 0.742 ms
Remote clock offset: -11.83 ms

Below is generated by plot.py at 2018-08-01 11:14:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.62 Mbit/s
95th percentile per-packet one-way delay: 35.583 ms
Loss rate: 6.91%
-- Flow 1:
Average throughput: 37.54 Mbit/s
95th percentile per-packet one-way delay: 35.160 ms
Loss rate: 6.42%
-- Flow 2:
Average throughput: 26.80 Mbit/s
95th percentile per-packet one-way delay: 37.003 ms
Loss rate: 7.96%
-- Flow 3:
Average throughput: 7.04 Mbit/s
95th percentile per-packet one-way delay: 11.253 ms
Loss rate: 6.49%

Run 9: Report of PCC-Allegro — Data Link

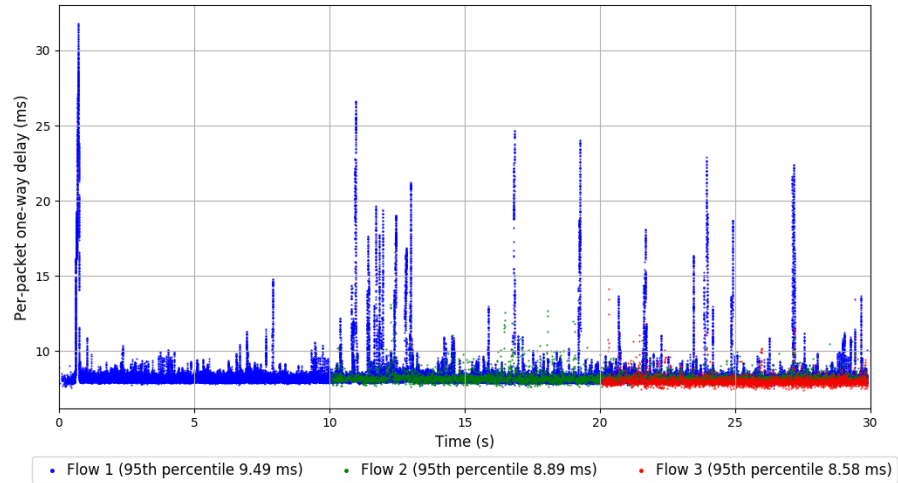
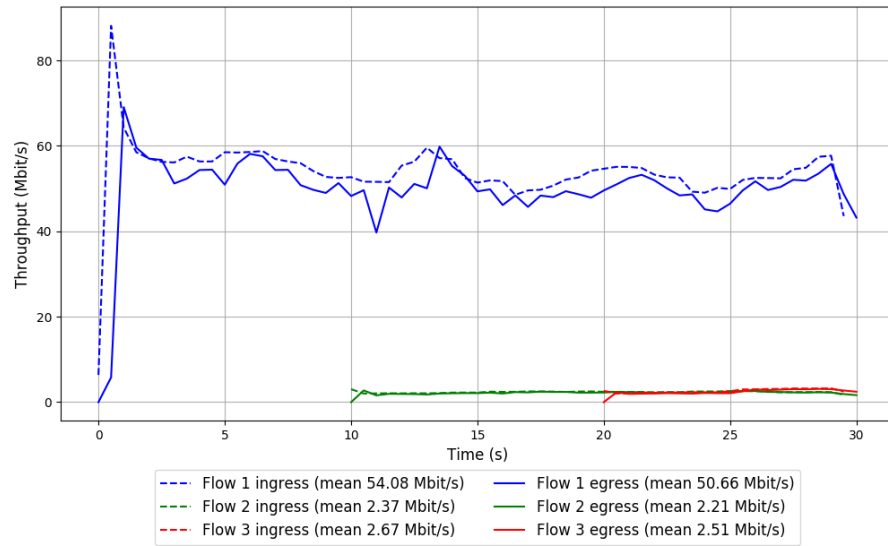


Run 10: Statistics of PCC-Allegro

Start at: 2018-08-01 10:52:25
End at: 2018-08-01 10:52:55
Local clock offset: 3.261 ms
Remote clock offset: -13.344 ms

Below is generated by plot.py at 2018-08-01 11:14:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 52.96 Mbit/s
95th percentile per-packet one-way delay: 9.407 ms
Loss rate: 6.32%
-- Flow 1:
Average throughput: 50.66 Mbit/s
95th percentile per-packet one-way delay: 9.495 ms
Loss rate: 6.32%
-- Flow 2:
Average throughput: 2.21 Mbit/s
95th percentile per-packet one-way delay: 8.893 ms
Loss rate: 6.61%
-- Flow 3:
Average throughput: 2.51 Mbit/s
95th percentile per-packet one-way delay: 8.576 ms
Loss rate: 5.87%

Run 10: Report of PCC-Allegro — Data Link

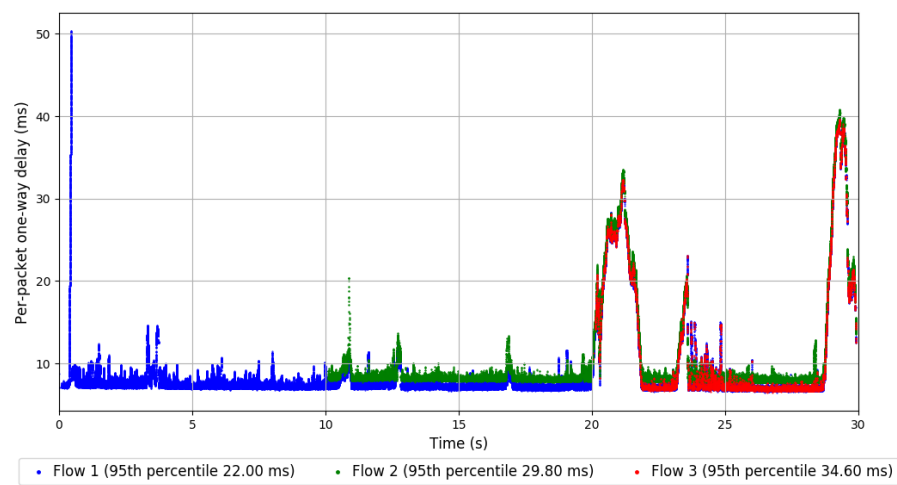
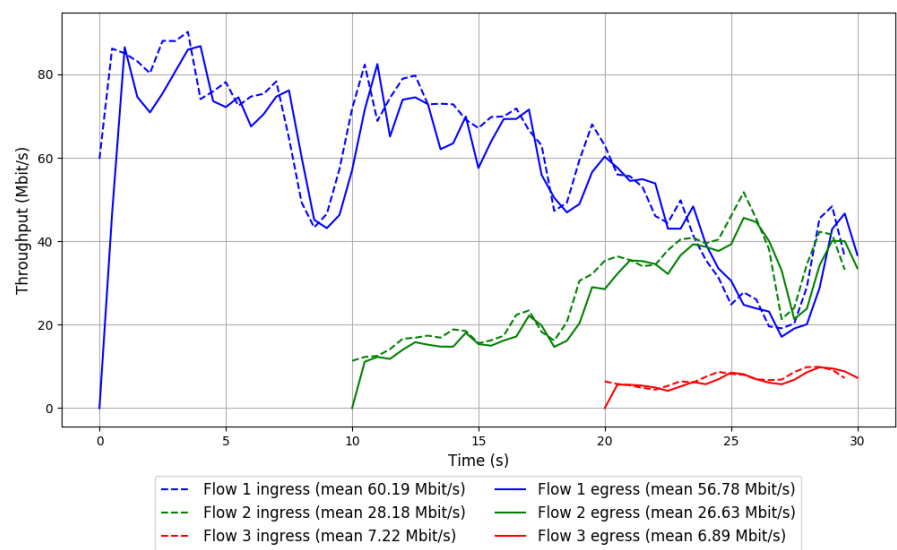


Run 1: Statistics of PCC-Expr

Start at: 2018-08-01 07:48:01
End at: 2018-08-01 07:48:31
Local clock offset: -0.306 ms
Remote clock offset: -13.639 ms

Below is generated by plot.py at 2018-08-01 11:15:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.77 Mbit/s
95th percentile per-packet one-way delay: 25.855 ms
Loss rate: 5.57%
-- Flow 1:
Average throughput: 56.78 Mbit/s
95th percentile per-packet one-way delay: 22.005 ms
Loss rate: 5.64%
-- Flow 2:
Average throughput: 26.63 Mbit/s
95th percentile per-packet one-way delay: 29.795 ms
Loss rate: 5.47%
-- Flow 3:
Average throughput: 6.89 Mbit/s
95th percentile per-packet one-way delay: 34.597 ms
Loss rate: 4.57%

Run 1: Report of PCC-Expr — Data Link

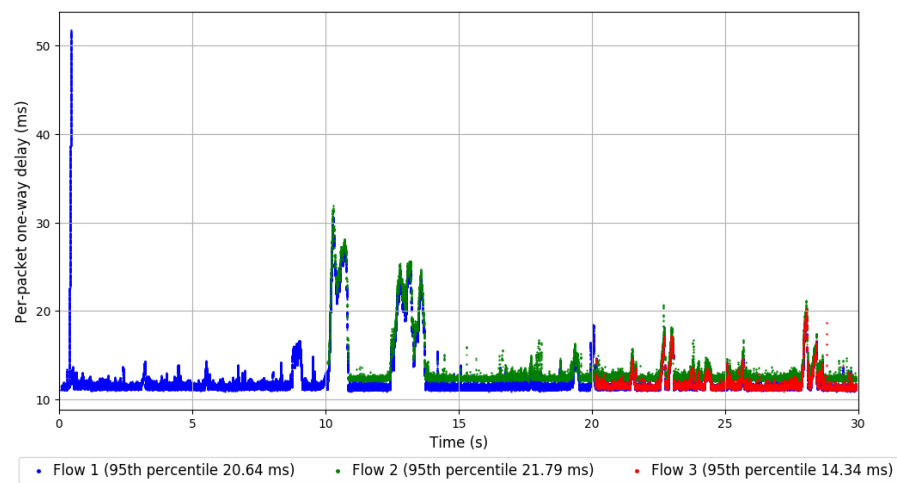
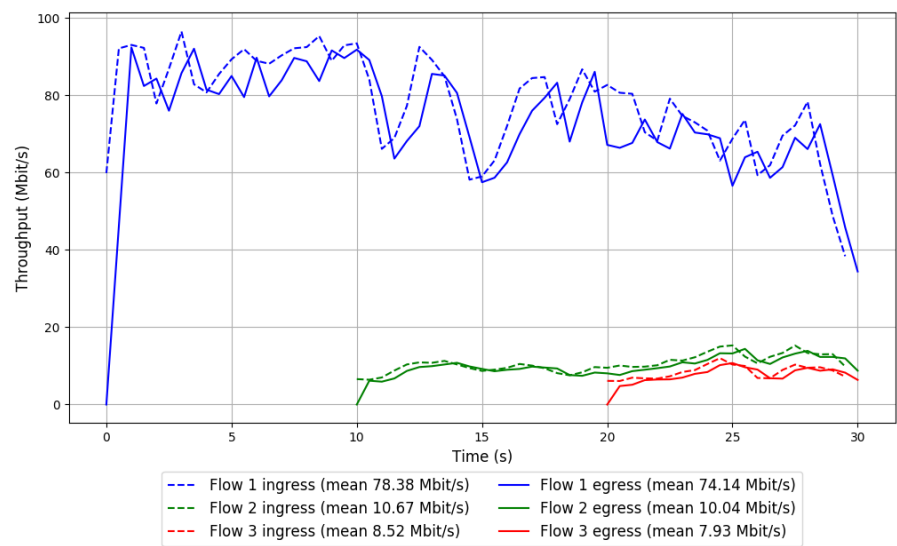


Run 2: Statistics of PCC-Expr

Start at: 2018-08-01 08:07:40
End at: 2018-08-01 08:08:10
Local clock offset: -1.793 ms
Remote clock offset: -3.681 ms

Below is generated by plot.py at 2018-08-01 11:15:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.43 Mbit/s
95th percentile per-packet one-way delay: 20.450 ms
Loss rate: 5.51%
-- Flow 1:
Average throughput: 74.14 Mbit/s
95th percentile per-packet one-way delay: 20.637 ms
Loss rate: 5.42%
-- Flow 2:
Average throughput: 10.04 Mbit/s
95th percentile per-packet one-way delay: 21.785 ms
Loss rate: 5.92%
-- Flow 3:
Average throughput: 7.93 Mbit/s
95th percentile per-packet one-way delay: 14.341 ms
Loss rate: 6.98%

Run 2: Report of PCC-Expr — Data Link

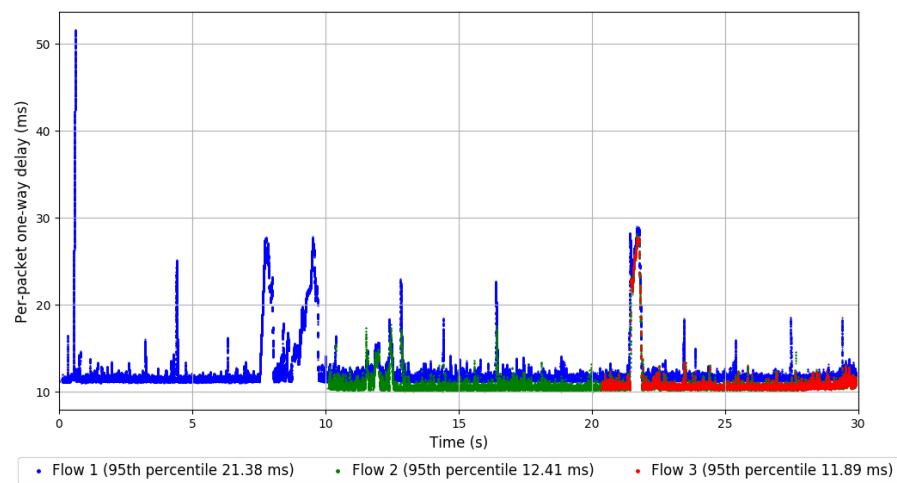
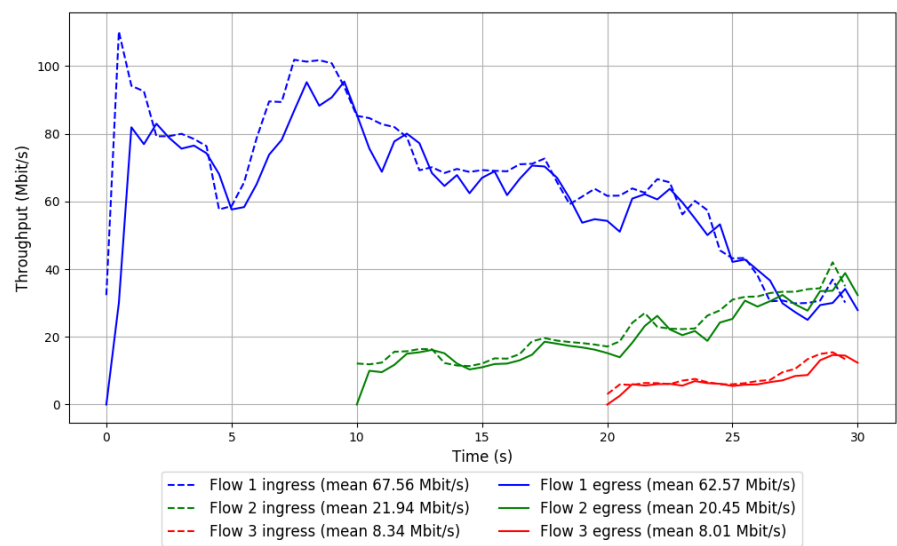


Run 3: Statistics of PCC-Expr

Start at: 2018-08-01 08:27:12
End at: 2018-08-01 08:27:42
Local clock offset: 0.513 ms
Remote clock offset: -5.497 ms

Below is generated by plot.py at 2018-08-01 11:15:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.75 Mbit/s
95th percentile per-packet one-way delay: 20.703 ms
Loss rate: 7.25%
-- Flow 1:
Average throughput: 62.57 Mbit/s
95th percentile per-packet one-way delay: 21.376 ms
Loss rate: 7.38%
-- Flow 2:
Average throughput: 20.45 Mbit/s
95th percentile per-packet one-way delay: 12.409 ms
Loss rate: 6.79%
-- Flow 3:
Average throughput: 8.01 Mbit/s
95th percentile per-packet one-way delay: 11.893 ms
Loss rate: 6.42%

Run 3: Report of PCC-Expr — Data Link

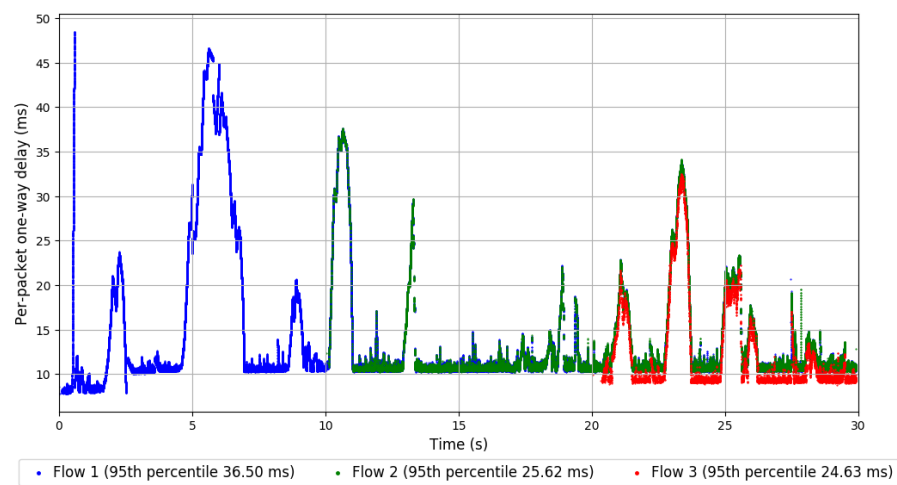
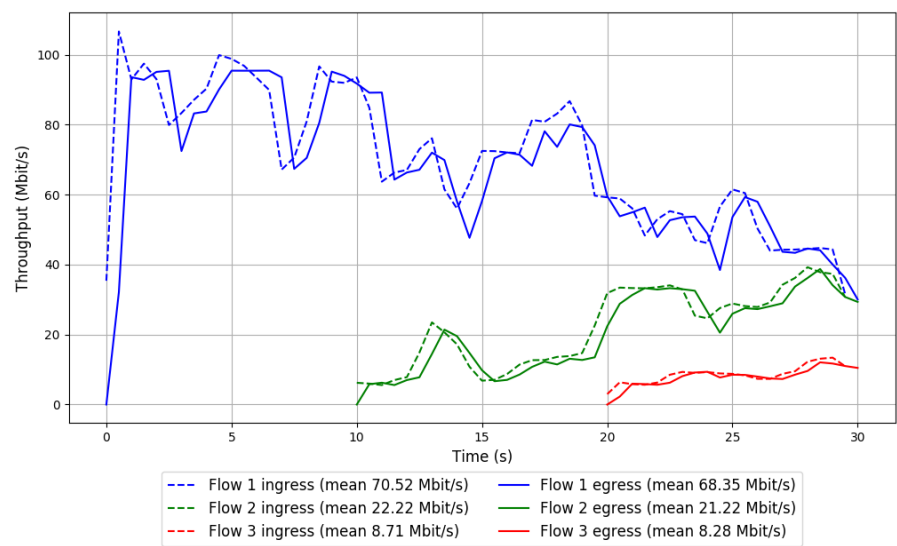


Run 4: Statistics of PCC-Expr

Start at: 2018-08-01 08:47:07
End at: 2018-08-01 08:47:37
Local clock offset: 0.002 ms
Remote clock offset: -12.651 ms

Below is generated by plot.py at 2018-08-01 11:16:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.19 Mbit/s
95th percentile per-packet one-way delay: 35.361 ms
Loss rate: 3.37%
-- Flow 1:
Average throughput: 68.35 Mbit/s
95th percentile per-packet one-way delay: 36.499 ms
Loss rate: 3.07%
-- Flow 2:
Average throughput: 21.22 Mbit/s
95th percentile per-packet one-way delay: 25.622 ms
Loss rate: 4.51%
-- Flow 3:
Average throughput: 8.28 Mbit/s
95th percentile per-packet one-way delay: 24.626 ms
Loss rate: 4.94%

Run 4: Report of PCC-Expr — Data Link

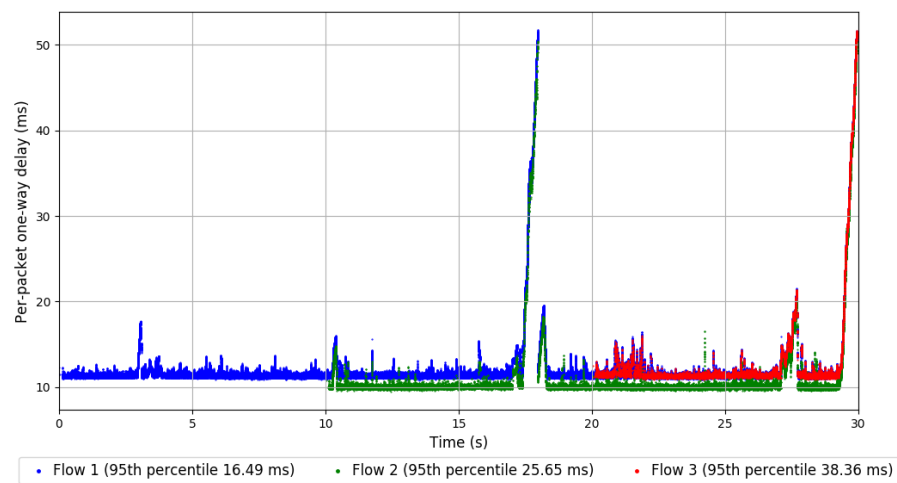
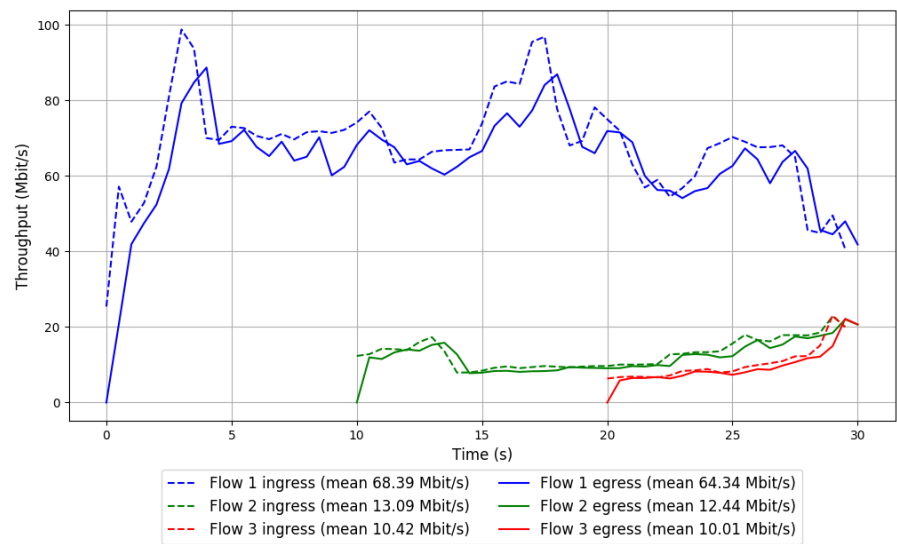


Run 5: Statistics of PCC-Expr

Start at: 2018-08-01 09:07:31
End at: 2018-08-01 09:08:01
Local clock offset: 1.971 ms
Remote clock offset: -5.642 ms

Below is generated by plot.py at 2018-08-01 11:16:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.93 Mbit/s
95th percentile per-packet one-way delay: 18.038 ms
Loss rate: 5.63%
-- Flow 1:
Average throughput: 64.34 Mbit/s
95th percentile per-packet one-way delay: 16.488 ms
Loss rate: 5.83%
-- Flow 2:
Average throughput: 12.44 Mbit/s
95th percentile per-packet one-way delay: 25.653 ms
Loss rate: 4.81%
-- Flow 3:
Average throughput: 10.01 Mbit/s
95th percentile per-packet one-way delay: 38.360 ms
Loss rate: 3.62%

Run 5: Report of PCC-Expr — Data Link

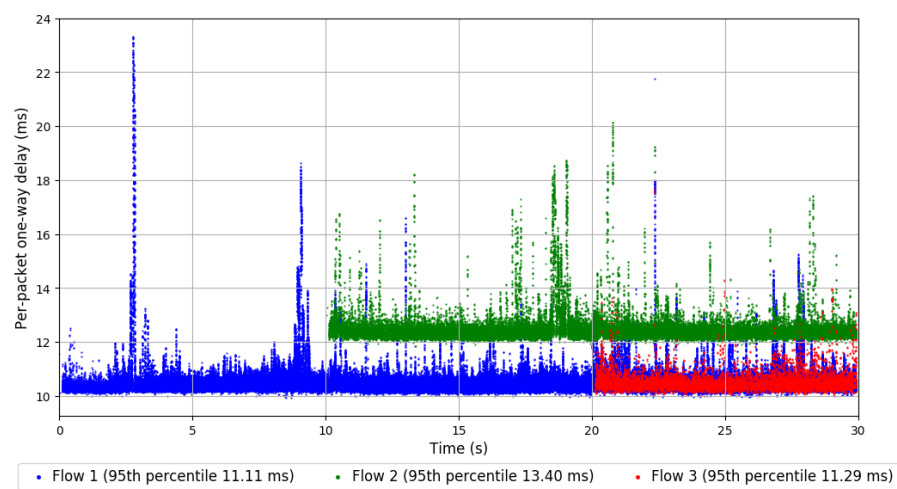
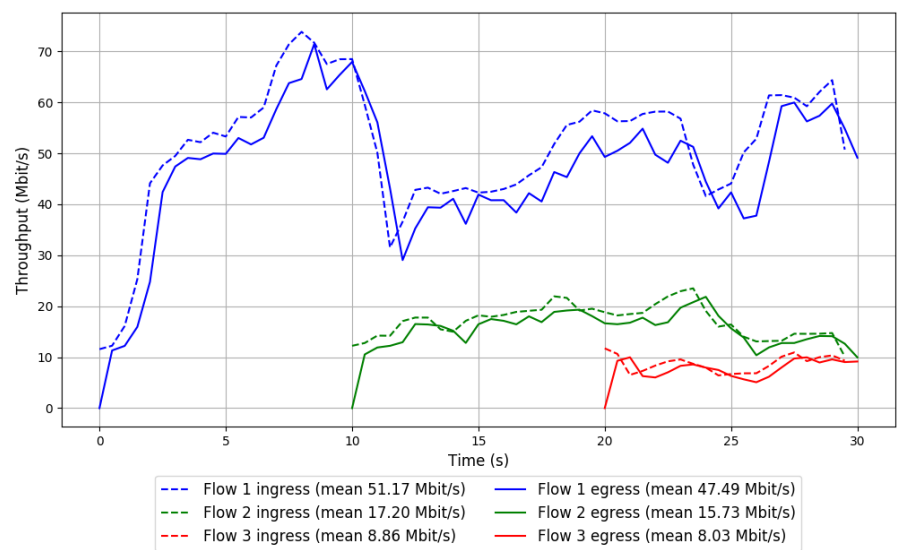


Run 6: Statistics of PCC-Expr

Start at: 2018-08-01 09:27:30
End at: 2018-08-01 09:28:00
Local clock offset: 0.567 ms
Remote clock offset: -3.162 ms

Below is generated by plot.py at 2018-08-01 11:16:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.60 Mbit/s
95th percentile per-packet one-way delay: 12.566 ms
Loss rate: 7.53%
-- Flow 1:
Average throughput: 47.49 Mbit/s
95th percentile per-packet one-way delay: 11.113 ms
Loss rate: 7.20%
-- Flow 2:
Average throughput: 15.73 Mbit/s
95th percentile per-packet one-way delay: 13.401 ms
Loss rate: 8.58%
-- Flow 3:
Average throughput: 8.03 Mbit/s
95th percentile per-packet one-way delay: 11.286 ms
Loss rate: 9.36%

Run 6: Report of PCC-Expr — Data Link

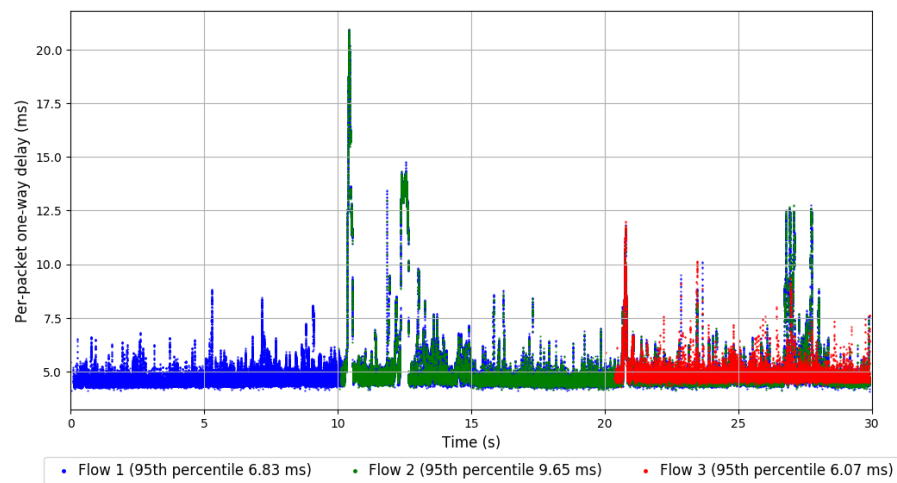
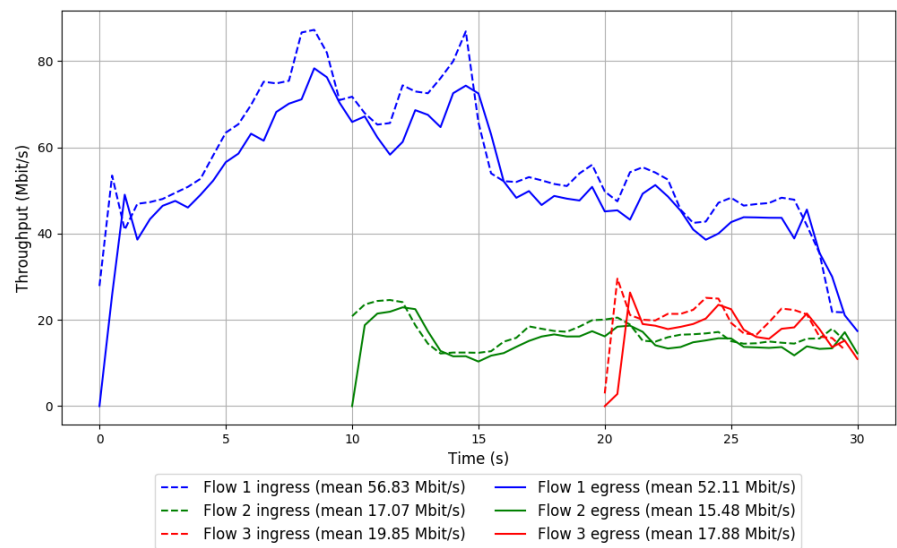


Run 7: Statistics of PCC-Expr

Start at: 2018-08-01 09:47:25
End at: 2018-08-01 09:47:55
Local clock offset: 2.866 ms
Remote clock offset: -8.041 ms

Below is generated by plot.py at 2018-08-01 11:16:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.31 Mbit/s
95th percentile per-packet one-way delay: 7.051 ms
Loss rate: 8.60%
-- Flow 1:
Average throughput: 52.11 Mbit/s
95th percentile per-packet one-way delay: 6.828 ms
Loss rate: 8.31%
-- Flow 2:
Average throughput: 15.48 Mbit/s
95th percentile per-packet one-way delay: 9.647 ms
Loss rate: 9.28%
-- Flow 3:
Average throughput: 17.88 Mbit/s
95th percentile per-packet one-way delay: 6.070 ms
Loss rate: 9.91%

Run 7: Report of PCC-Expr — Data Link

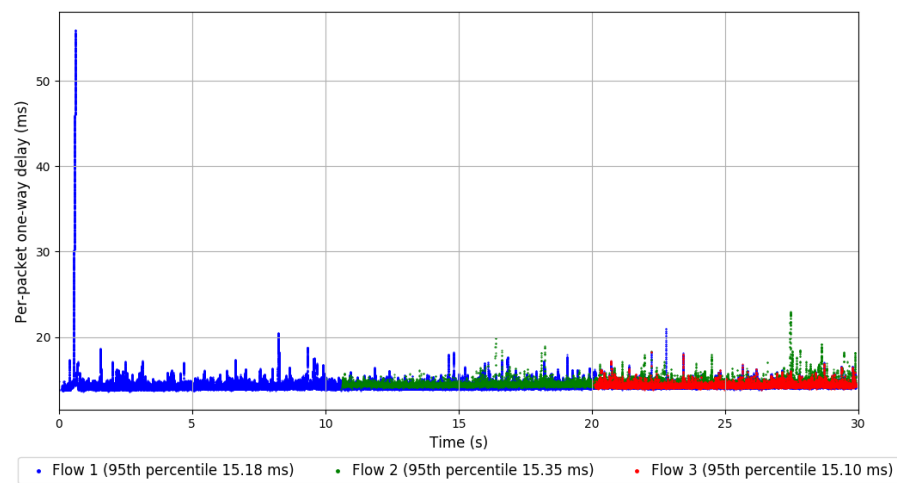
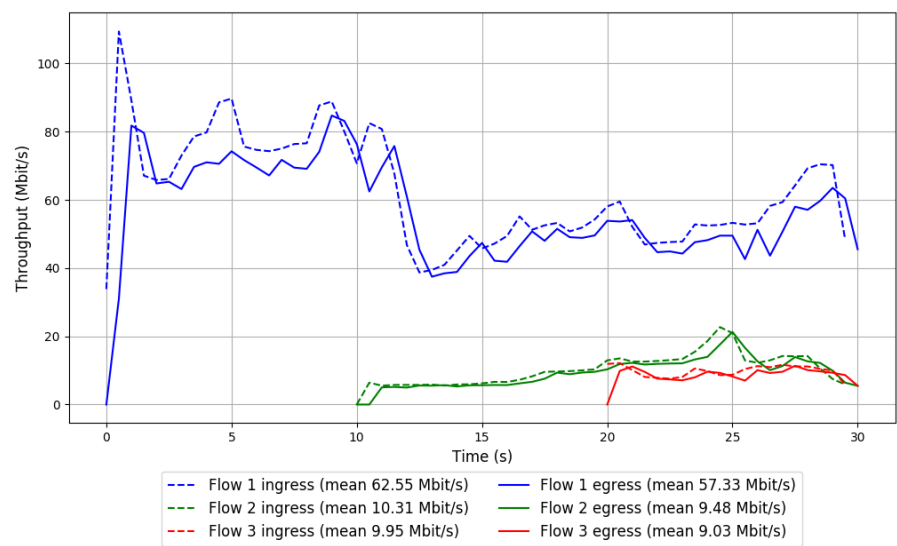


Run 8: Statistics of PCC-Expr

Start at: 2018-08-01 10:07:39
End at: 2018-08-01 10:08:09
Local clock offset: -3.844 ms
Remote clock offset: -7.997 ms

Below is generated by plot.py at 2018-08-01 11:16:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.61 Mbit/s
95th percentile per-packet one-way delay: 15.191 ms
Loss rate: 8.36%
-- Flow 1:
Average throughput: 57.33 Mbit/s
95th percentile per-packet one-way delay: 15.175 ms
Loss rate: 8.36%
-- Flow 2:
Average throughput: 9.48 Mbit/s
95th percentile per-packet one-way delay: 15.354 ms
Loss rate: 8.02%
-- Flow 3:
Average throughput: 9.03 Mbit/s
95th percentile per-packet one-way delay: 15.098 ms
Loss rate: 9.19%

Run 8: Report of PCC-Expr — Data Link

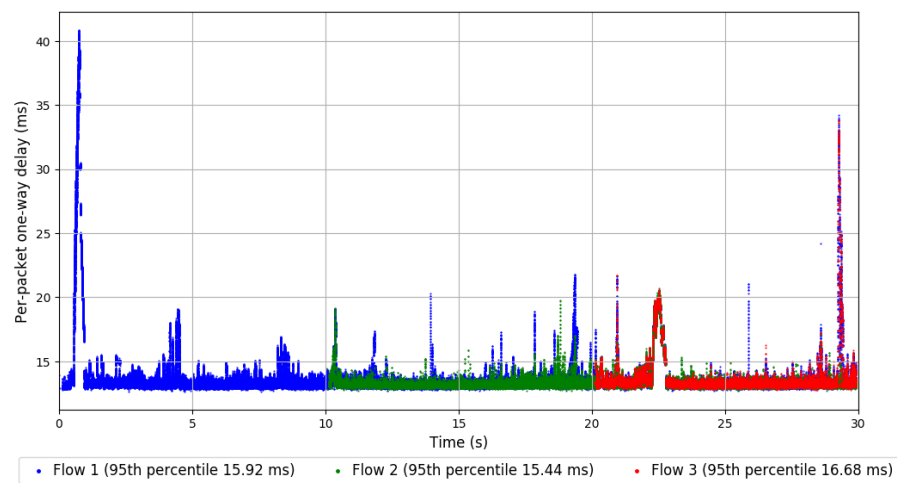
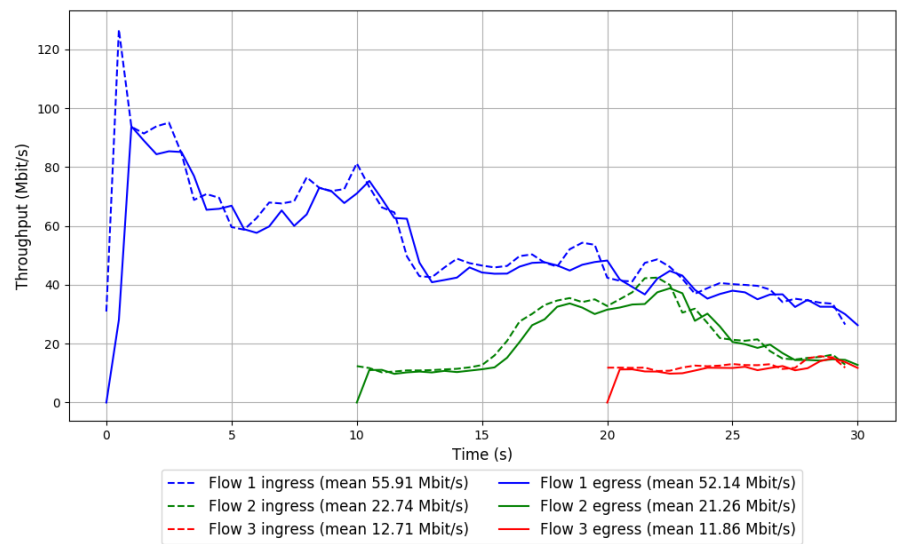


Run 9: Statistics of PCC-Expr

Start at: 2018-08-01 10:27:40
End at: 2018-08-01 10:28:10
Local clock offset: -1.308 ms
Remote clock offset: -10.371 ms

Below is generated by plot.py at 2018-08-01 11:17:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.20 Mbit/s
95th percentile per-packet one-way delay: 15.850 ms
Loss rate: 6.69%
-- Flow 1:
Average throughput: 52.14 Mbit/s
95th percentile per-packet one-way delay: 15.919 ms
Loss rate: 6.75%
-- Flow 2:
Average throughput: 21.26 Mbit/s
95th percentile per-packet one-way delay: 15.437 ms
Loss rate: 6.51%
-- Flow 3:
Average throughput: 11.86 Mbit/s
95th percentile per-packet one-way delay: 16.682 ms
Loss rate: 6.68%

Run 9: Report of PCC-Expr — Data Link

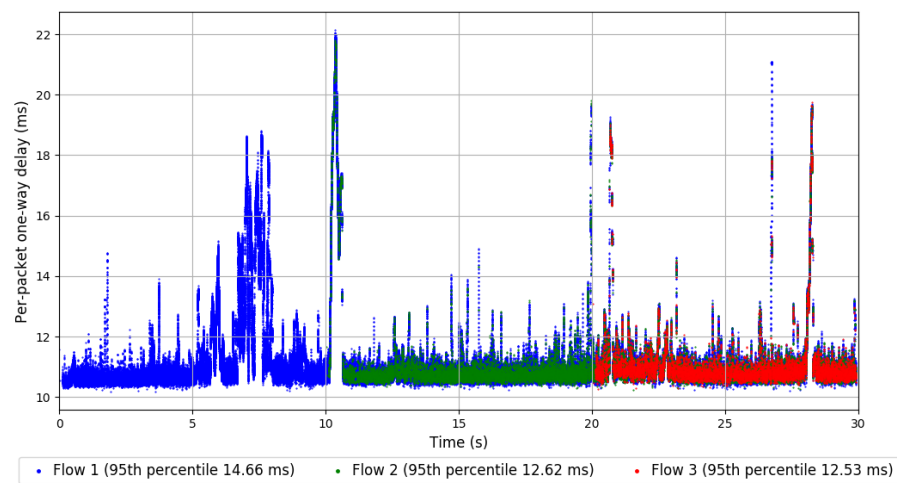
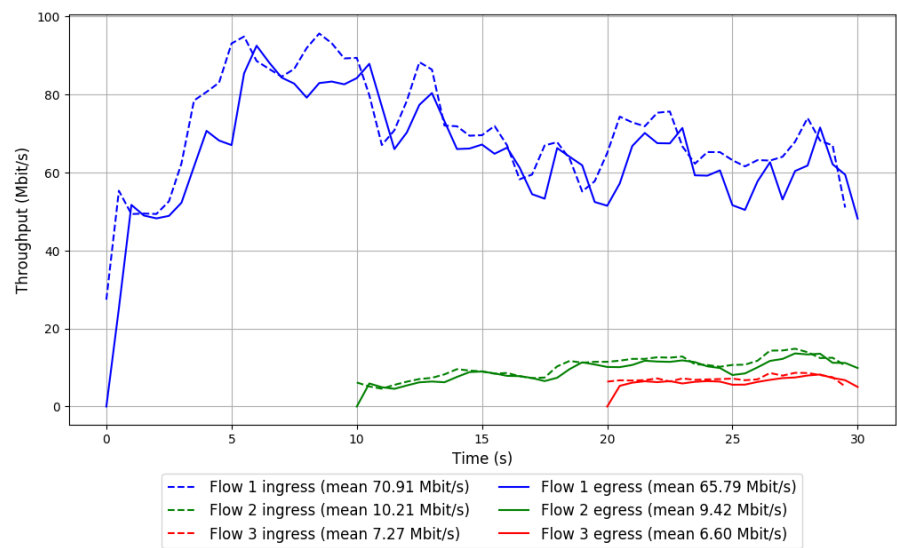


Run 10: Statistics of PCC-Expr

Start at: 2018-08-01 10:47:46
End at: 2018-08-01 10:48:16
Local clock offset: 0.439 ms
Remote clock offset: -13.031 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.24 Mbit/s
95th percentile per-packet one-way delay: 14.485 ms
Loss rate: 7.33%
-- Flow 1:
Average throughput: 65.79 Mbit/s
95th percentile per-packet one-way delay: 14.662 ms
Loss rate: 7.22%
-- Flow 2:
Average throughput: 9.42 Mbit/s
95th percentile per-packet one-way delay: 12.620 ms
Loss rate: 7.73%
-- Flow 3:
Average throughput: 6.60 Mbit/s
95th percentile per-packet one-way delay: 12.530 ms
Loss rate: 9.32%

Run 10: Report of PCC-Expr — Data Link

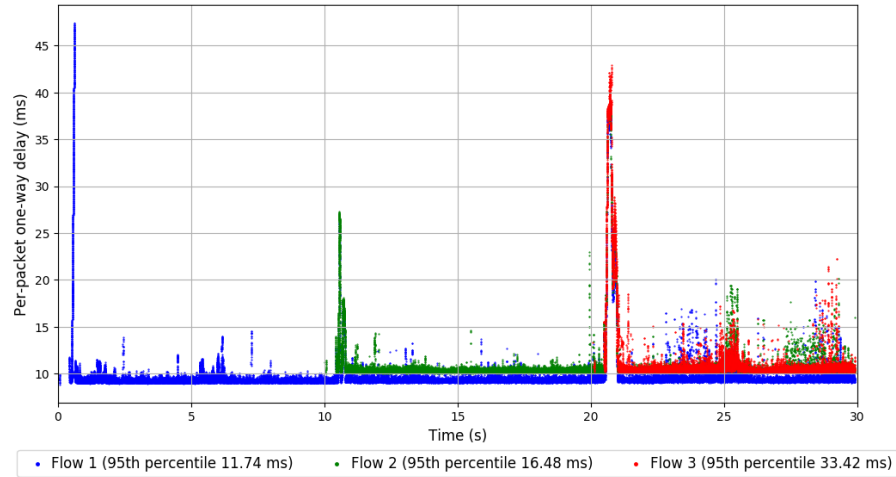
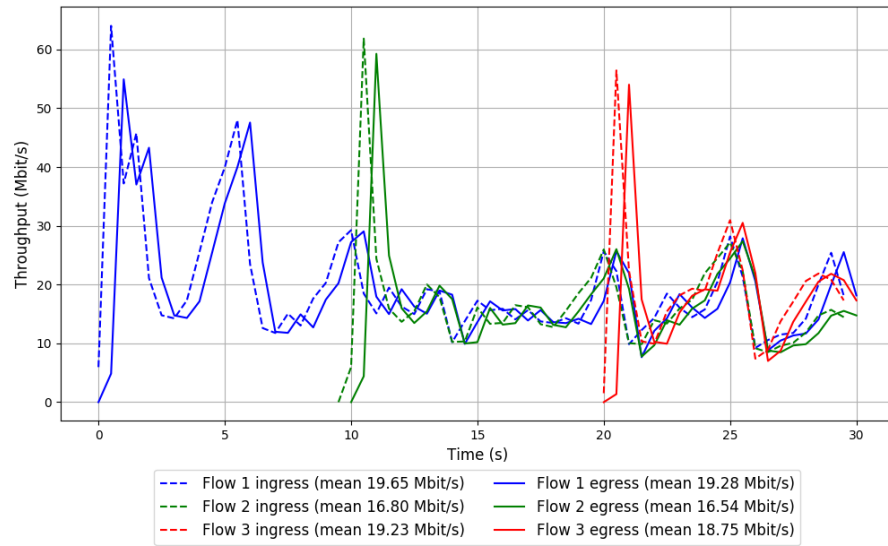


Run 1: Statistics of QUIC Cubic

Start at: 2018-08-01 07:42:18
End at: 2018-08-01 07:42:48
Local clock offset: 0.889 ms
Remote clock offset: -11.343 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 36.46 Mbit/s
95th percentile per-packet one-way delay: 17.394 ms
Loss rate: 1.91%
-- Flow 1:
Average throughput: 19.28 Mbit/s
95th percentile per-packet one-way delay: 11.744 ms
Loss rate: 1.91%
-- Flow 2:
Average throughput: 16.54 Mbit/s
95th percentile per-packet one-way delay: 16.485 ms
Loss rate: 1.55%
-- Flow 3:
Average throughput: 18.75 Mbit/s
95th percentile per-packet one-way delay: 33.416 ms
Loss rate: 2.52%

Run 1: Report of QUIC Cubic — Data Link

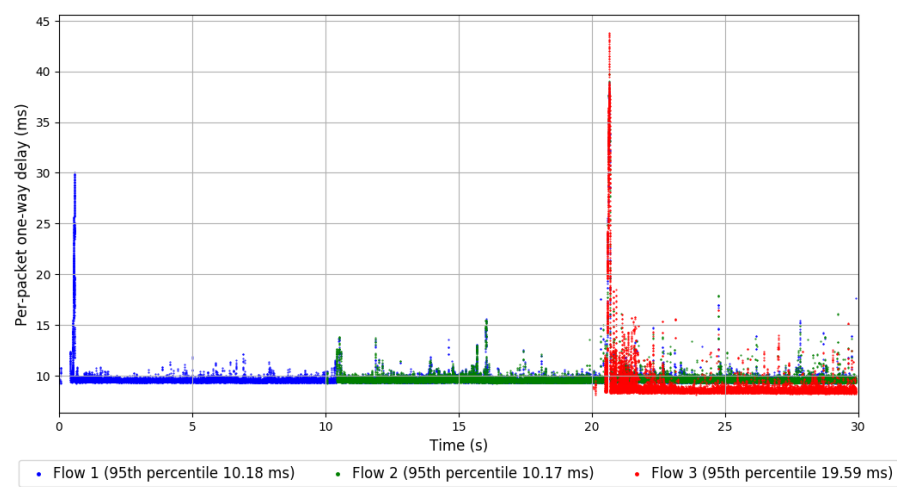
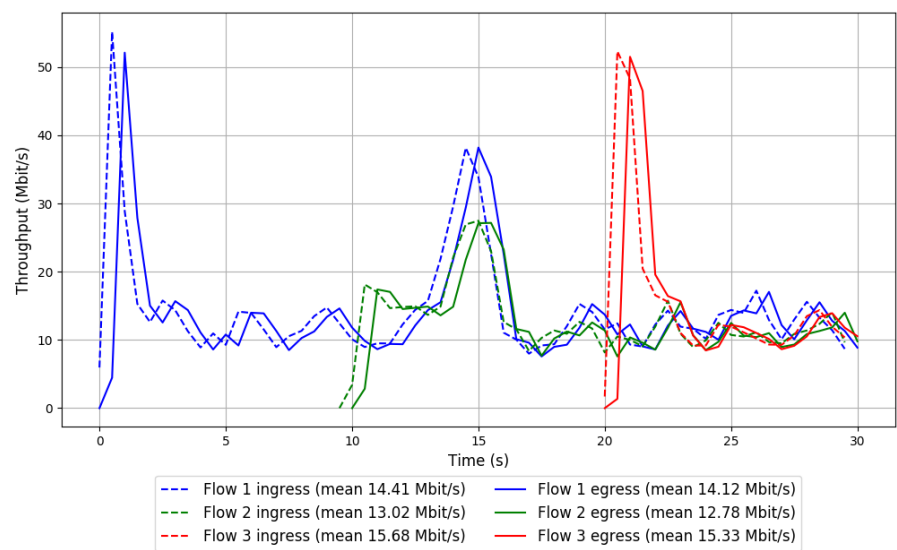


Run 2: Statistics of QUIC Cubic

Start at: 2018-08-01 08:01:58
End at: 2018-08-01 08:02:29
Local clock offset: -1.468 ms
Remote clock offset: -7.025 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 27.68 Mbit/s
95th percentile per-packet one-way delay: 10.516 ms
Loss rate: 1.99%
-- Flow 1:
Average throughput: 14.12 Mbit/s
95th percentile per-packet one-way delay: 10.179 ms
Loss rate: 2.00%
-- Flow 2:
Average throughput: 12.78 Mbit/s
95th percentile per-packet one-way delay: 10.169 ms
Loss rate: 1.83%
-- Flow 3:
Average throughput: 15.33 Mbit/s
95th percentile per-packet one-way delay: 19.590 ms
Loss rate: 2.23%

Run 2: Report of QUIC Cubic — Data Link

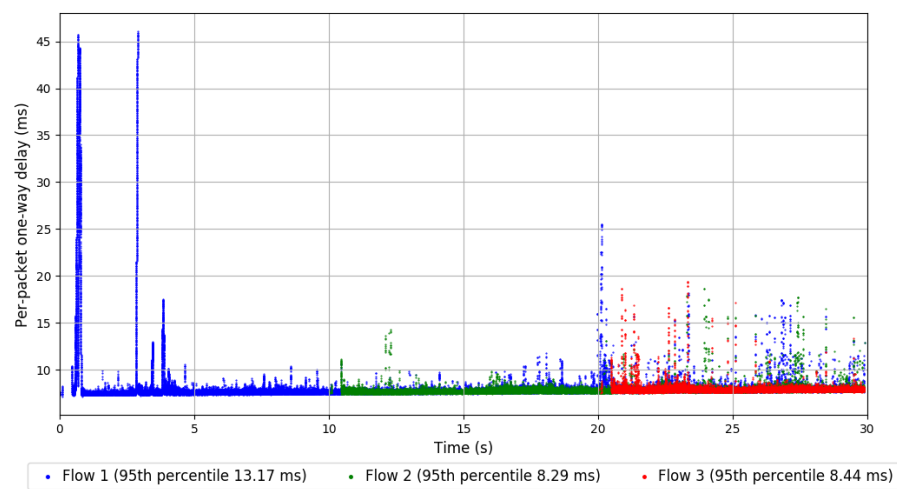
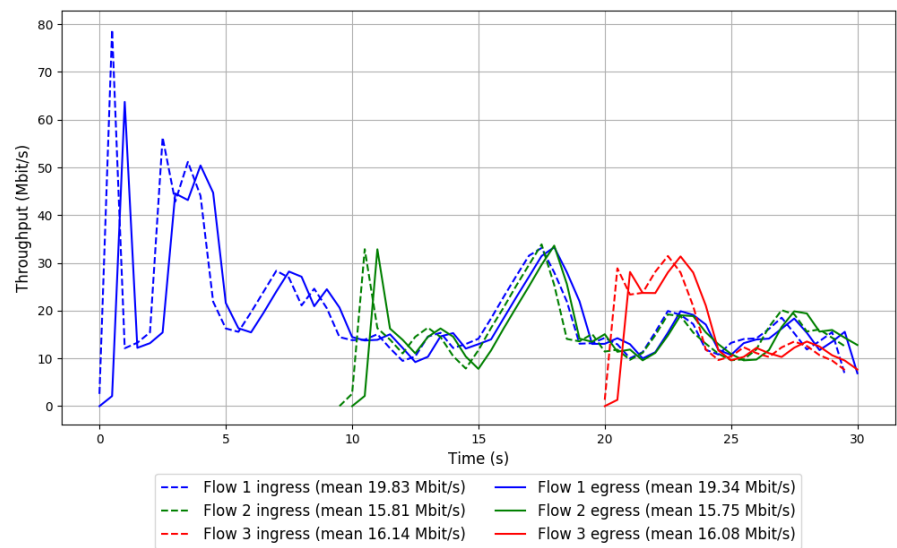


Run 3: Statistics of QUIC Cubic

Start at: 2018-08-01 08:21:30
End at: 2018-08-01 08:22:00
Local clock offset: 0.46 ms
Remote clock offset: -5.668 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 35.12 Mbit/s
95th percentile per-packet one-way delay: 9.616 ms
Loss rate: 1.51%
-- Flow 1:
Average throughput: 19.34 Mbit/s
95th percentile per-packet one-way delay: 13.169 ms
Loss rate: 2.46%
-- Flow 2:
Average throughput: 15.75 Mbit/s
95th percentile per-packet one-way delay: 8.285 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 16.08 Mbit/s
95th percentile per-packet one-way delay: 8.444 ms
Loss rate: 0.36%

Run 3: Report of QUIC Cubic — Data Link

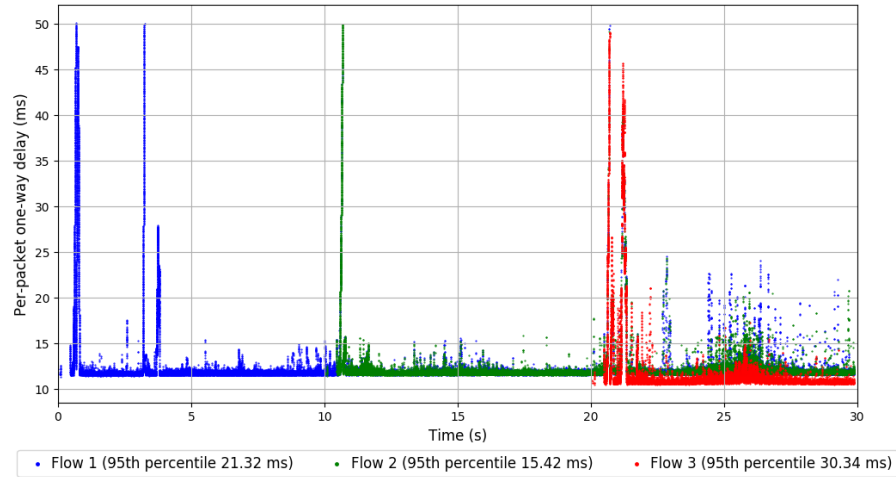
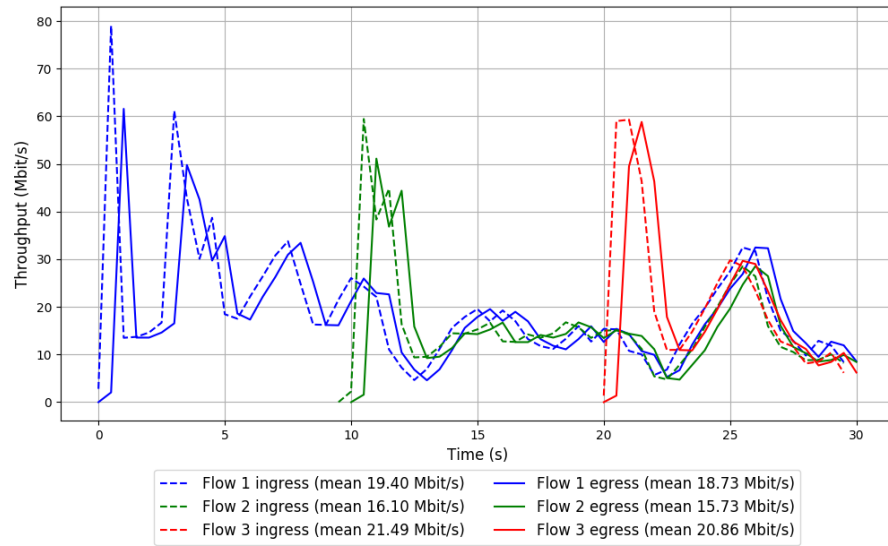


Run 4: Statistics of QUIC Cubic

Start at: 2018-08-01 08:41:06
End at: 2018-08-01 08:41:36
Local clock offset: -1.513 ms
Remote clock offset: -10.796 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 36.06 Mbit/s
95th percentile per-packet one-way delay: 21.552 ms
Loss rate: 3.03%
-- Flow 1:
Average throughput: 18.73 Mbit/s
95th percentile per-packet one-way delay: 21.317 ms
Loss rate: 3.48%
-- Flow 2:
Average throughput: 15.73 Mbit/s
95th percentile per-packet one-way delay: 15.422 ms
Loss rate: 2.28%
-- Flow 3:
Average throughput: 20.86 Mbit/s
95th percentile per-packet one-way delay: 30.342 ms
Loss rate: 2.95%

Run 4: Report of QUIC Cubic — Data Link

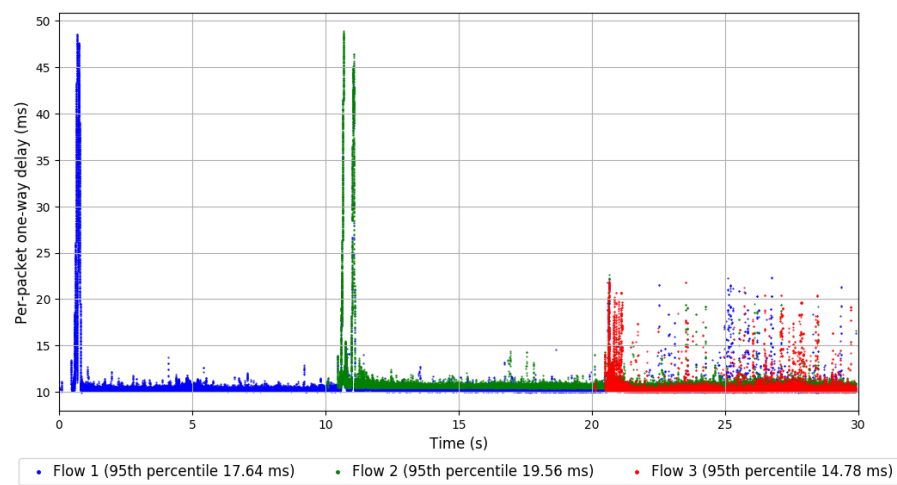
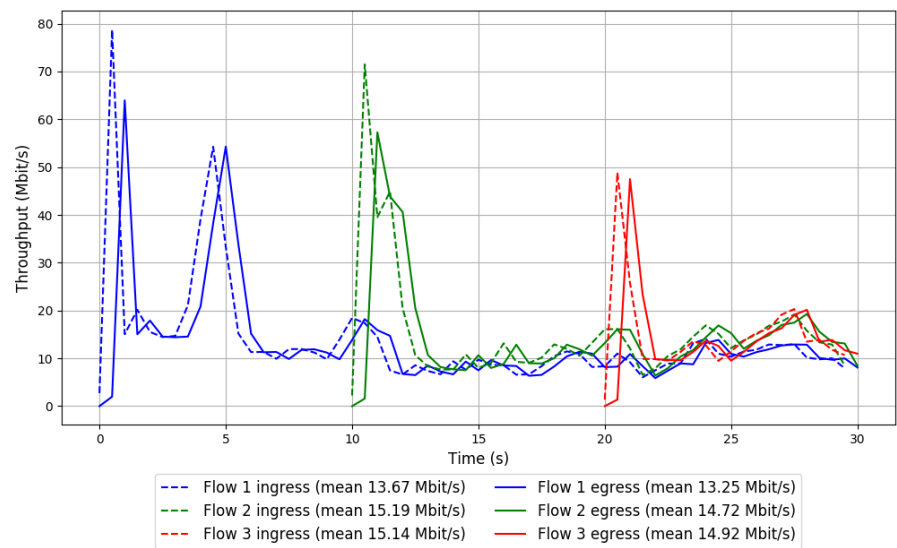


Run 5: Statistics of QUIC Cubic

Start at: 2018-08-01 09:01:34
End at: 2018-08-01 09:02:04
Local clock offset: -0.882 ms
Remote clock offset: -9.237 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 27.96 Mbit/s
95th percentile per-packet one-way delay: 16.848 ms
Loss rate: 2.79%
-- Flow 1:
Average throughput: 13.25 Mbit/s
95th percentile per-packet one-way delay: 17.644 ms
Loss rate: 3.11%
-- Flow 2:
Average throughput: 14.72 Mbit/s
95th percentile per-packet one-way delay: 19.562 ms
Loss rate: 3.04%
-- Flow 3:
Average throughput: 14.92 Mbit/s
95th percentile per-packet one-way delay: 14.777 ms
Loss rate: 1.42%

Run 5: Report of QUIC Cubic — Data Link

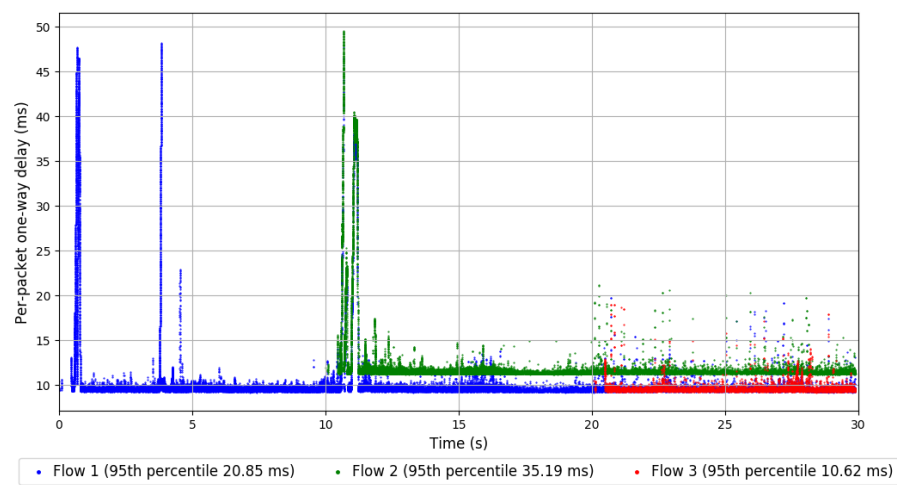
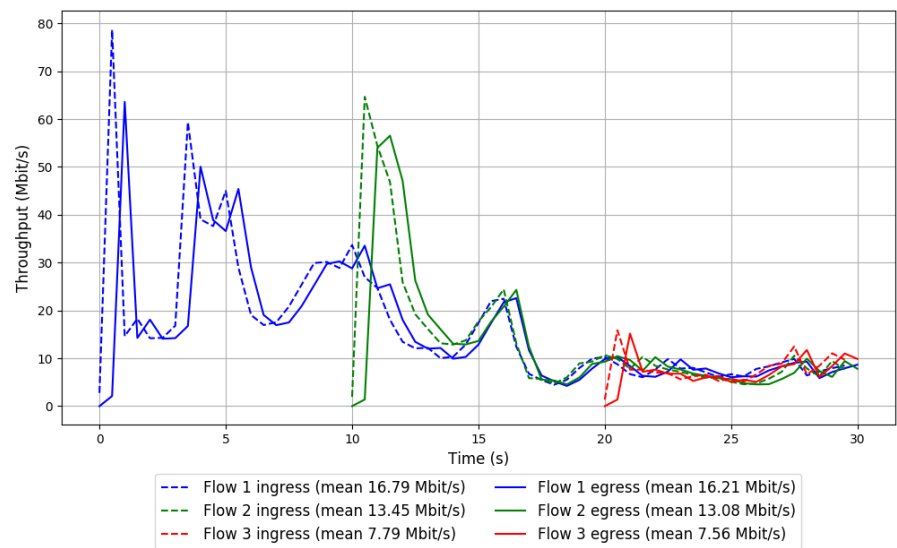


Run 6: Statistics of QUIC Cubic

Start at: 2018-08-01 09:21:40
End at: 2018-08-01 09:22:10
Local clock offset: 1.696 ms
Remote clock offset: -3.651 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 27.40 Mbit/s
95th percentile per-packet one-way delay: 24.154 ms
Loss rate: 3.16%
-- Flow 1:
Average throughput: 16.21 Mbit/s
95th percentile per-packet one-way delay: 20.851 ms
Loss rate: 3.45%
-- Flow 2:
Average throughput: 13.08 Mbit/s
95th percentile per-packet one-way delay: 35.186 ms
Loss rate: 2.69%
-- Flow 3:
Average throughput: 7.56 Mbit/s
95th percentile per-packet one-way delay: 10.622 ms
Loss rate: 2.94%

Run 6: Report of QUIC Cubic — Data Link

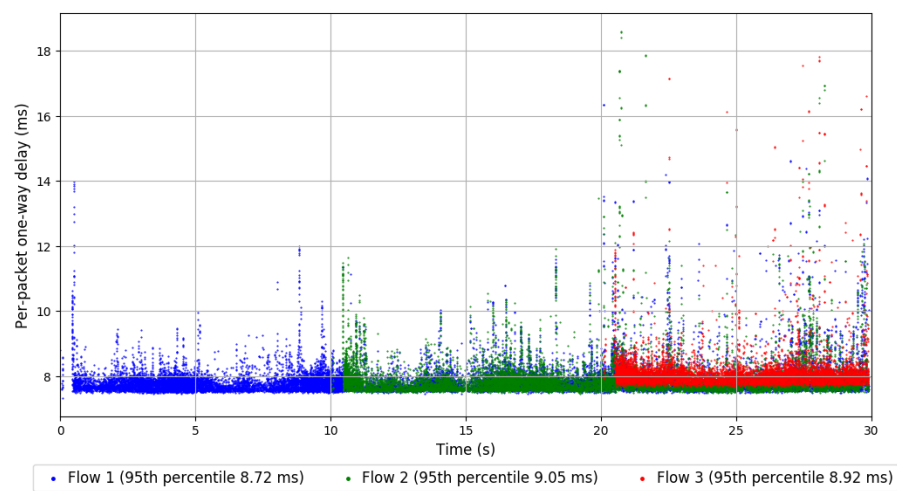
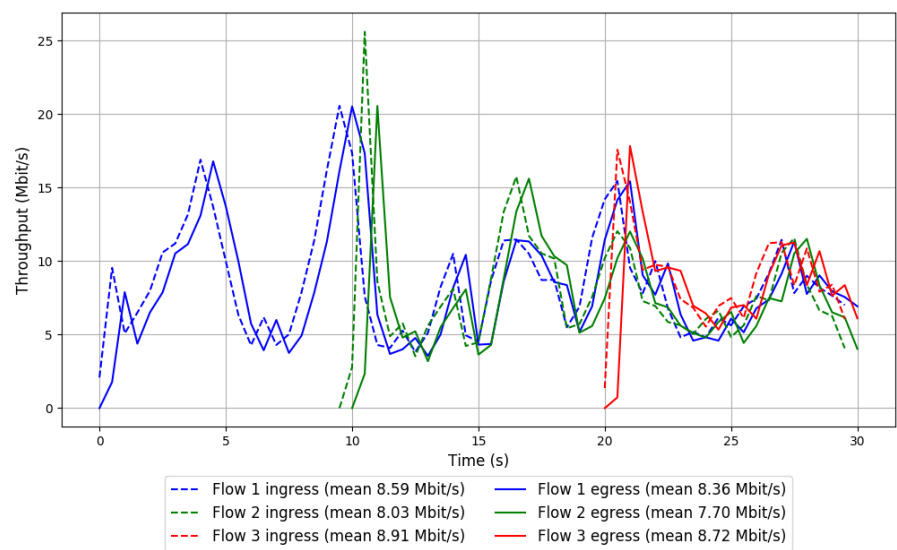


Run 7: Statistics of QUIC Cubic

Start at: 2018-08-01 09:41:37
End at: 2018-08-01 09:42:07
Local clock offset: -12.457 ms
Remote clock offset: -19.917 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 16.35 Mbit/s
95th percentile per-packet one-way delay: 8.857 ms
Loss rate: 3.02%
-- Flow 1:
Average throughput: 8.36 Mbit/s
95th percentile per-packet one-way delay: 8.718 ms
Loss rate: 2.60%
-- Flow 2:
Average throughput: 7.70 Mbit/s
95th percentile per-packet one-way delay: 9.051 ms
Loss rate: 4.13%
-- Flow 3:
Average throughput: 8.72 Mbit/s
95th percentile per-packet one-way delay: 8.922 ms
Loss rate: 2.23%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-08-01 10:01:47

End at: 2018-08-01 10:02:17

Local clock offset: 2.798 ms

Remote clock offset: -4.9 ms

Below is generated by plot.py at 2018-08-01 11:17:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 28.76 Mbit/s

95th percentile per-packet one-way delay: 13.323 ms

Loss rate: 1.06%

-- Flow 1:

Average throughput: 16.79 Mbit/s

95th percentile per-packet one-way delay: 16.011 ms

Loss rate: 0.91%

-- Flow 2:

Average throughput: 11.53 Mbit/s

95th percentile per-packet one-way delay: 9.853 ms

Loss rate: 1.60%

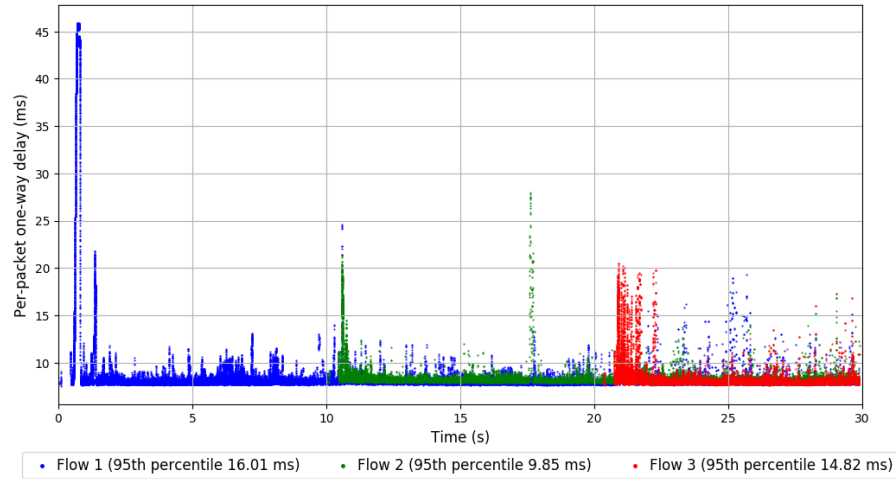
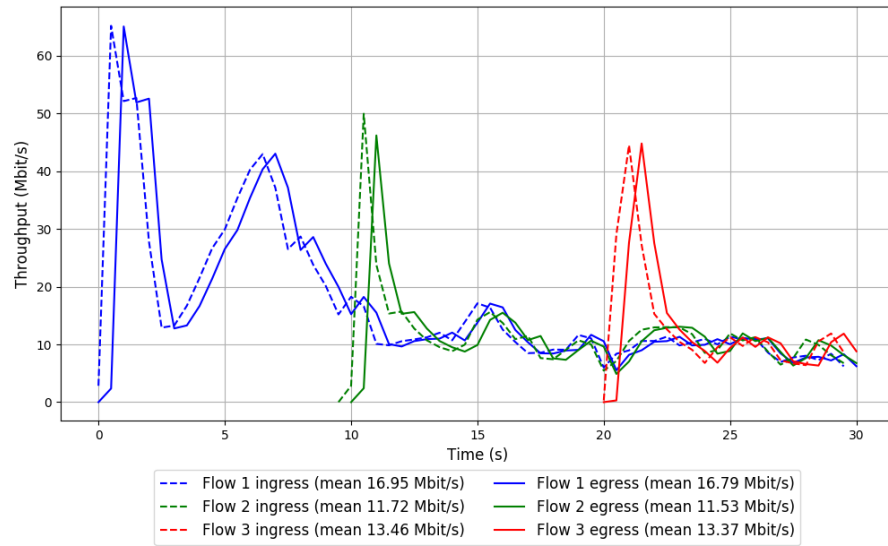
-- Flow 3:

Average throughput: 13.37 Mbit/s

95th percentile per-packet one-way delay: 14.825 ms

Loss rate: 0.67%

Run 8: Report of QUIC Cubic — Data Link

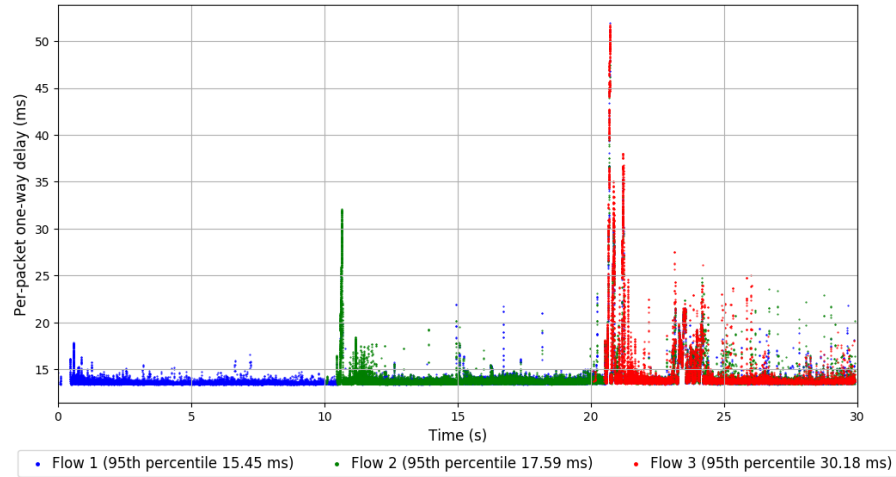
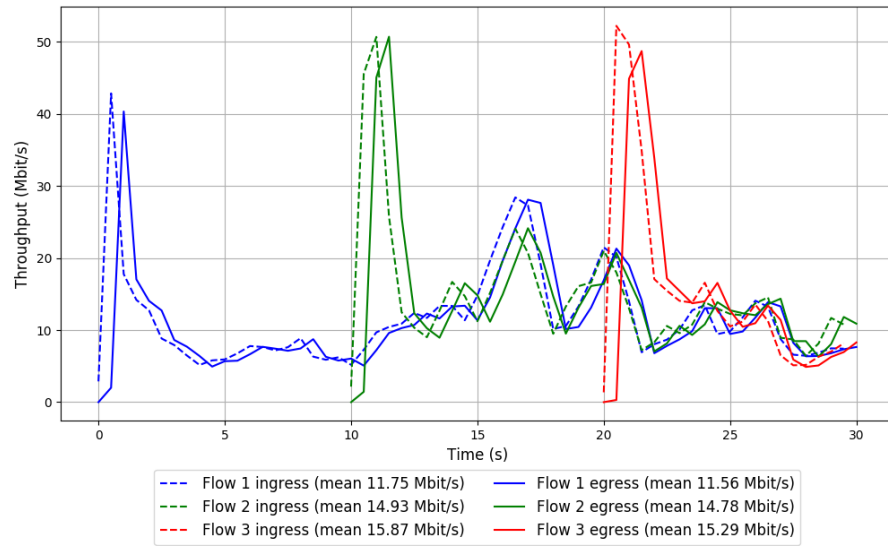


Run 9: Statistics of QUIC Cubic

Start at: 2018-08-01 10:21:48
End at: 2018-08-01 10:22:18
Local clock offset: -3.257 ms
Remote clock offset: -11.09 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 26.43 Mbit/s
95th percentile per-packet one-way delay: 18.734 ms
Loss rate: 1.74%
-- Flow 1:
Average throughput: 11.56 Mbit/s
95th percentile per-packet one-way delay: 15.451 ms
Loss rate: 1.57%
-- Flow 2:
Average throughput: 14.78 Mbit/s
95th percentile per-packet one-way delay: 17.593 ms
Loss rate: 0.92%
-- Flow 3:
Average throughput: 15.29 Mbit/s
95th percentile per-packet one-way delay: 30.180 ms
Loss rate: 3.67%

Run 9: Report of QUIC Cubic — Data Link

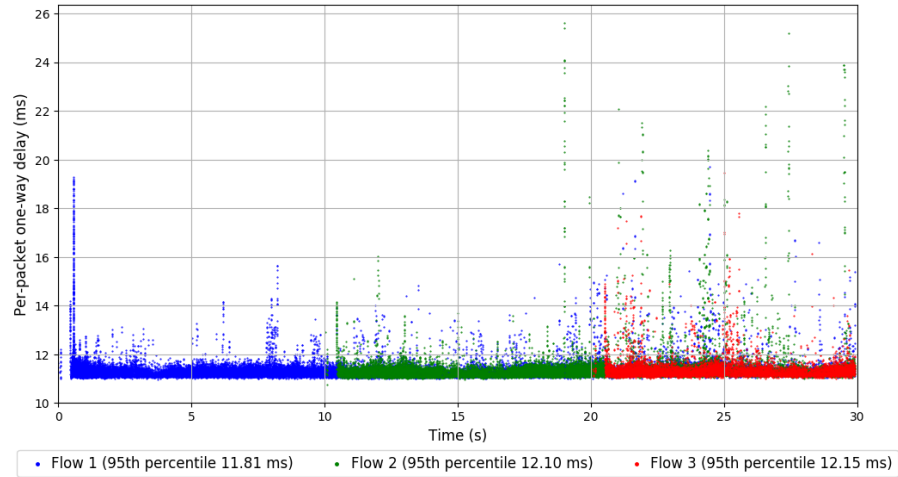
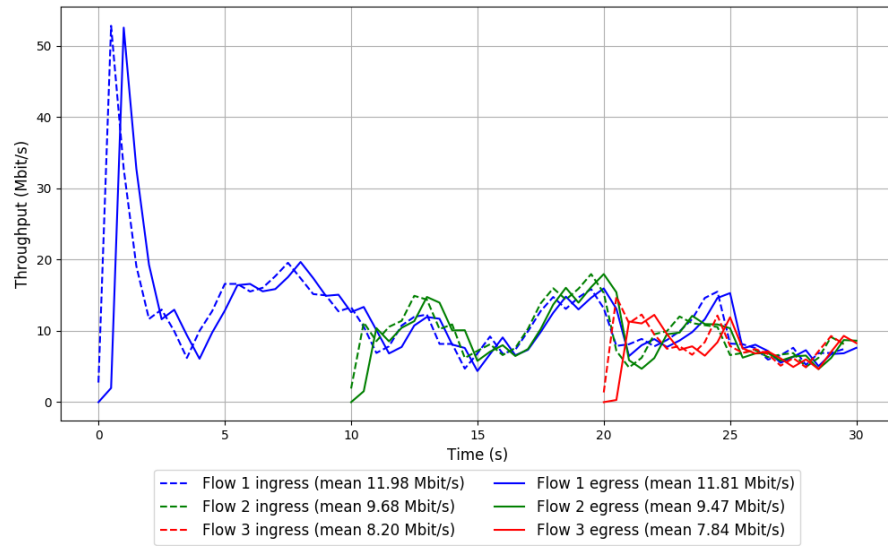


Run 10: Statistics of QUIC Cubic

Start at: 2018-08-01 10:41:58
End at: 2018-08-01 10:42:28
Local clock offset: -0.265 ms
Remote clock offset: -12.343 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 20.69 Mbit/s
95th percentile per-packet one-way delay: 11.930 ms
Loss rate: 1.99%
-- Flow 1:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 11.813 ms
Loss rate: 1.37%
-- Flow 2:
Average throughput: 9.47 Mbit/s
95th percentile per-packet one-way delay: 12.099 ms
Loss rate: 2.15%
-- Flow 3:
Average throughput: 7.84 Mbit/s
95th percentile per-packet one-way delay: 12.155 ms
Loss rate: 4.36%

Run 10: Report of QUIC Cubic — Data Link

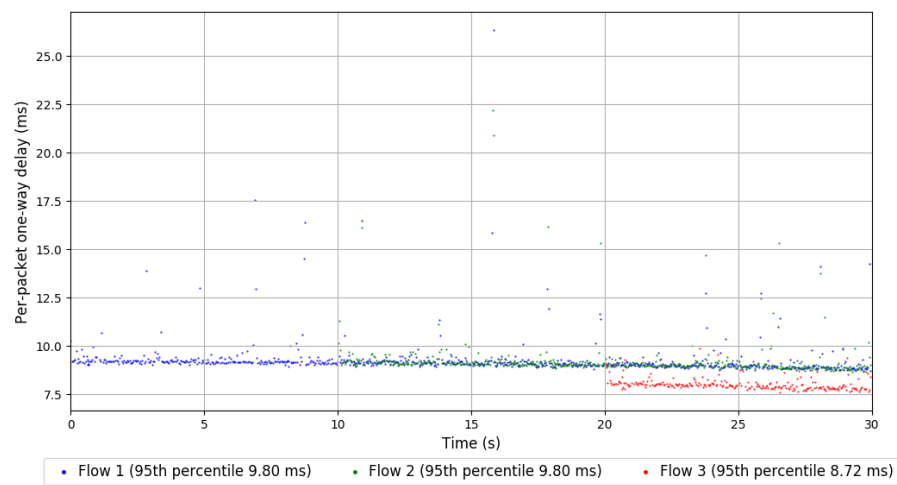
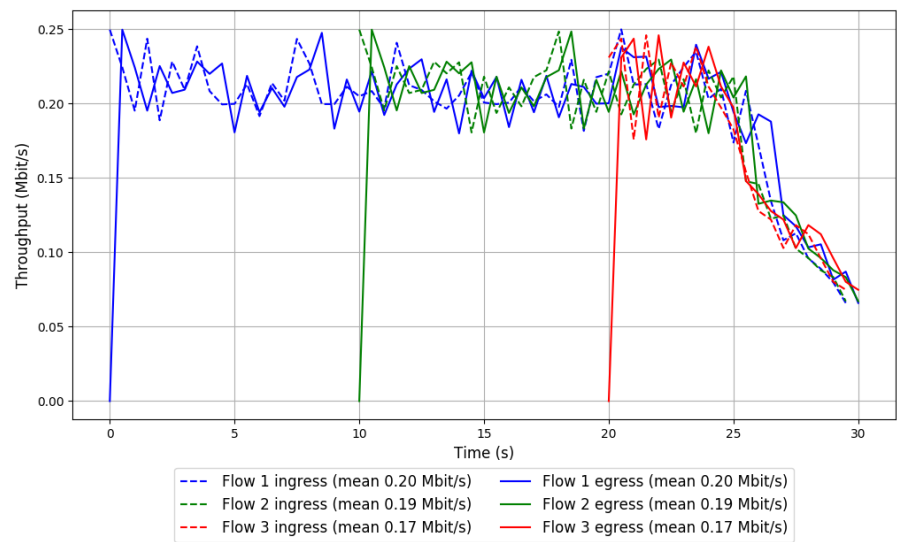


```
Run 1: Statistics of SCReAM

Start at: 2018-08-01 07:51:37
End at: 2018-08-01 07:52:07
Local clock offset: 0.317 ms
Remote clock offset: -9.35 ms

# Below is generated by plot.py at 2018-08-01 11:17:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 9.674 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 9.805 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 9.801 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 8.725 ms
Loss rate: 1.48%
```

Run 1: Report of SReAM — Data Link

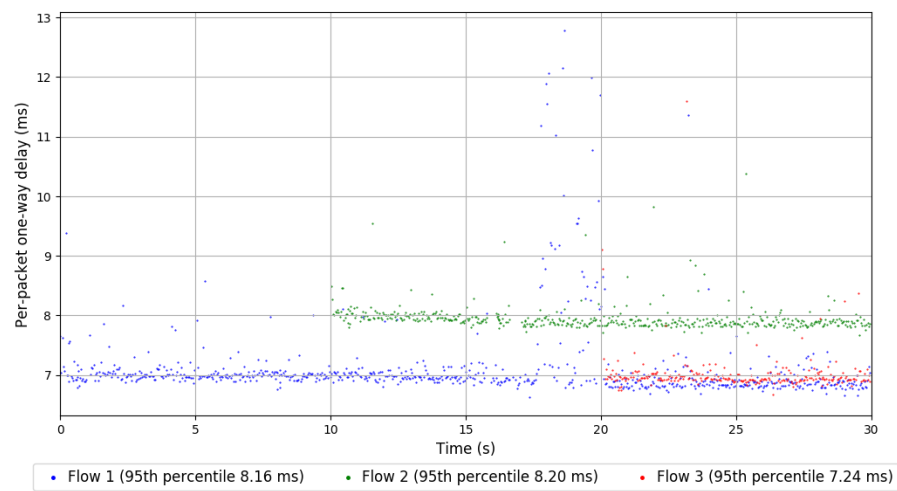
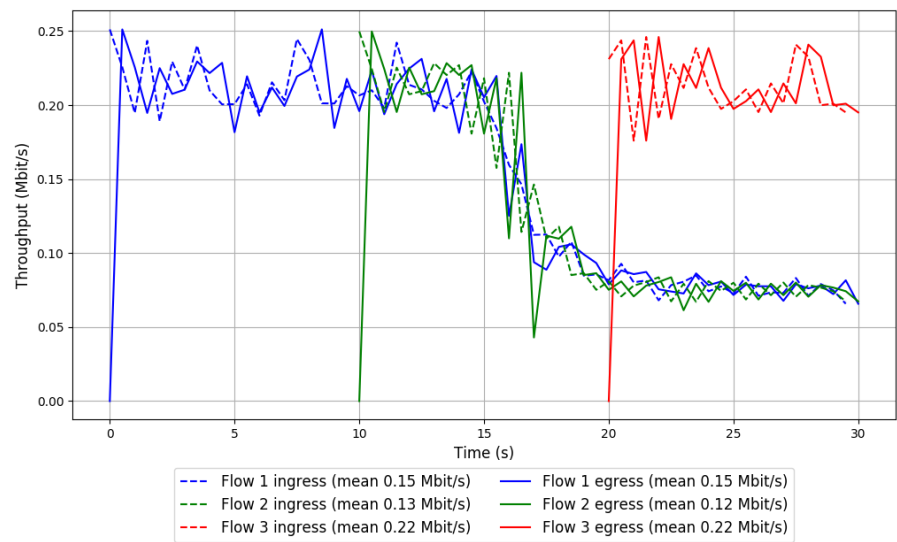


Run 2: Statistics of SReAM

Start at: 2018-08-01 08:11:16
End at: 2018-08-01 08:11:46
Local clock offset: 0.178 ms
Remote clock offset: -5.578 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 8.142 ms
Loss rate: 1.52%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 8.159 ms
Loss rate: 1.31%
-- Flow 2:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 8.202 ms
Loss rate: 3.18%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 7.244 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

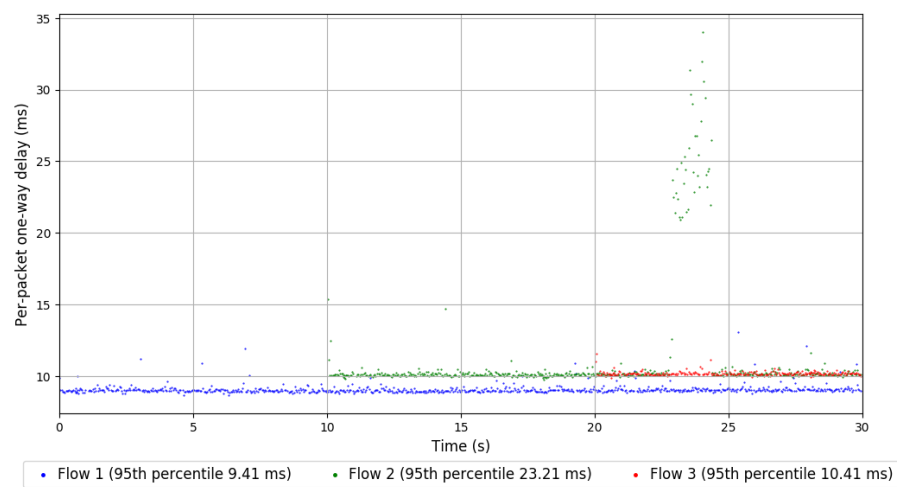
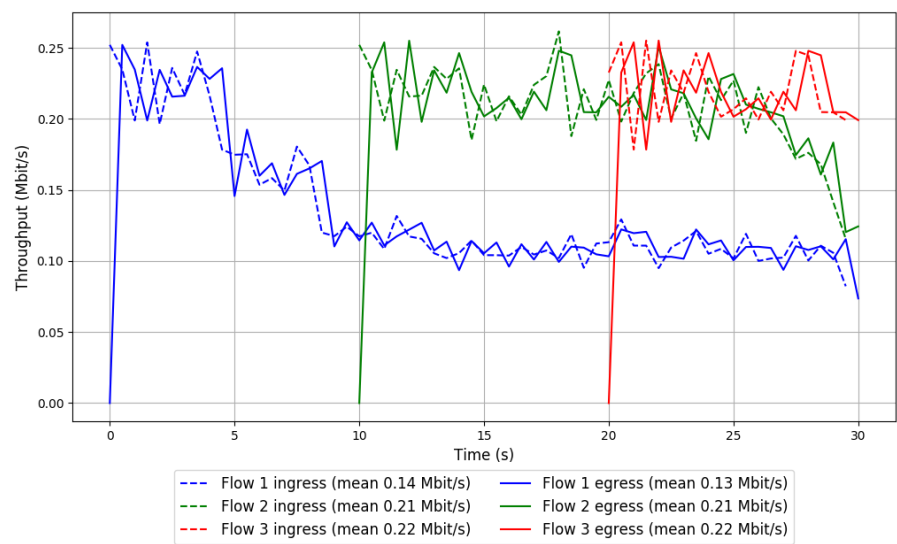


Run 3: Statistics of SReAM

Start at: 2018-08-01 08:30:49
End at: 2018-08-01 08:31:19
Local clock offset: -1.131 ms
Remote clock offset: -9.87 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.35 Mbit/s
95th percentile per-packet one-way delay: 10.483 ms
Loss rate: 0.31%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 9.407 ms
Loss rate: 0.44%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 23.206 ms
Loss rate: 0.34%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 10.407 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

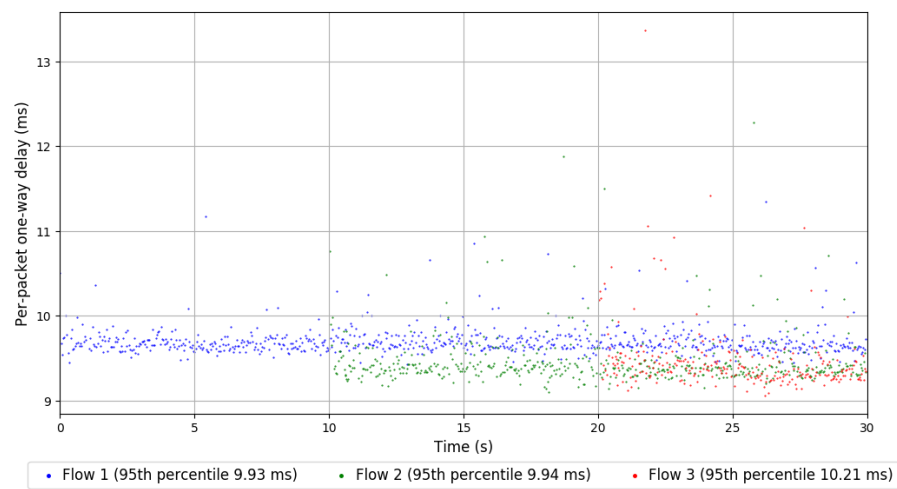
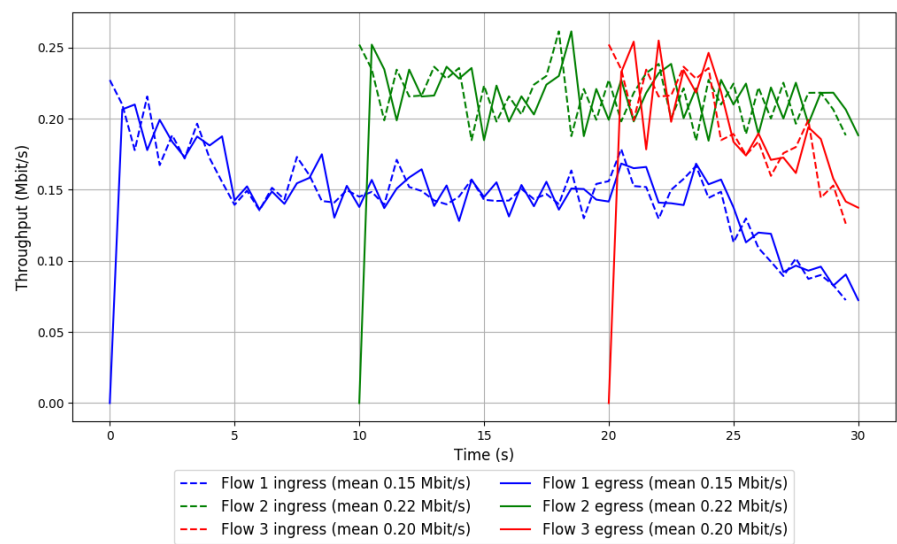


Run 4: Statistics of SReAM

Start at: 2018-08-01 08:51:04
End at: 2018-08-01 08:51:34
Local clock offset: -0.519 ms
Remote clock offset: -12.993 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.36 Mbit/s
95th percentile per-packet one-way delay: 9.953 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 9.931 ms
Loss rate: 0.36%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 9.943 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.20 Mbit/s
95th percentile per-packet one-way delay: 10.210 ms
Loss rate: 0.45%

Run 4: Report of SReAM — Data Link

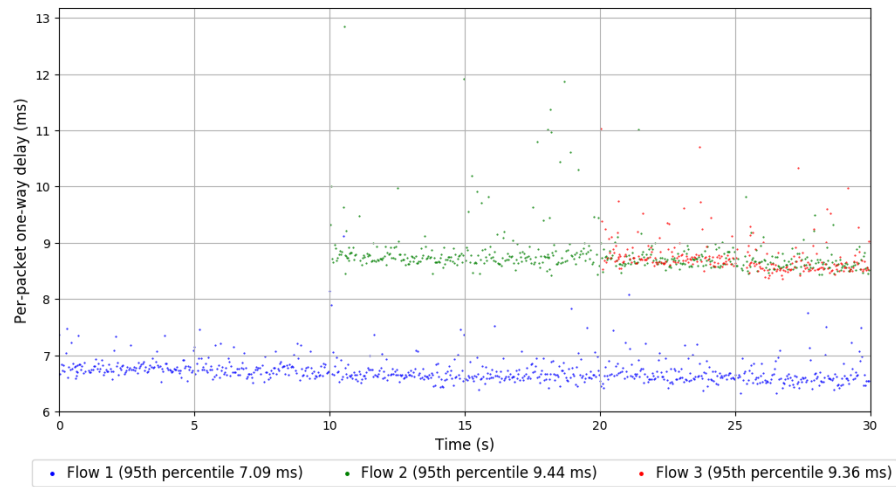
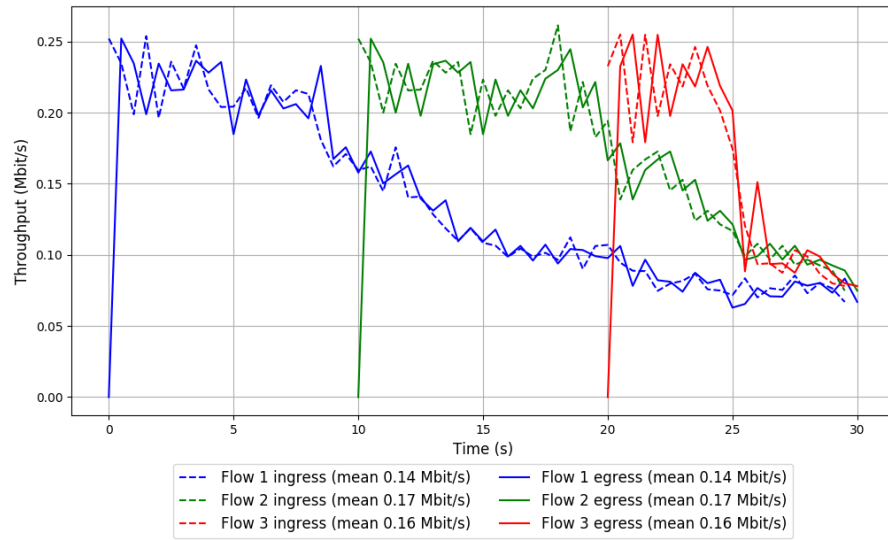


Run 5: Statistics of SCReAM

Start at: 2018-08-01 09:11:12
End at: 2018-08-01 09:11:42
Local clock offset: 2.095 ms
Remote clock offset: -7.176 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.30 Mbit/s
95th percentile per-packet one-way delay: 9.004 ms
Loss rate: 0.99%
-- Flow 1:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 7.088 ms
Loss rate: 0.89%
-- Flow 2:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 9.443 ms
Loss rate: 0.76%
-- Flow 3:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 9.356 ms
Loss rate: 1.71%

Run 5: Report of SReAM — Data Link

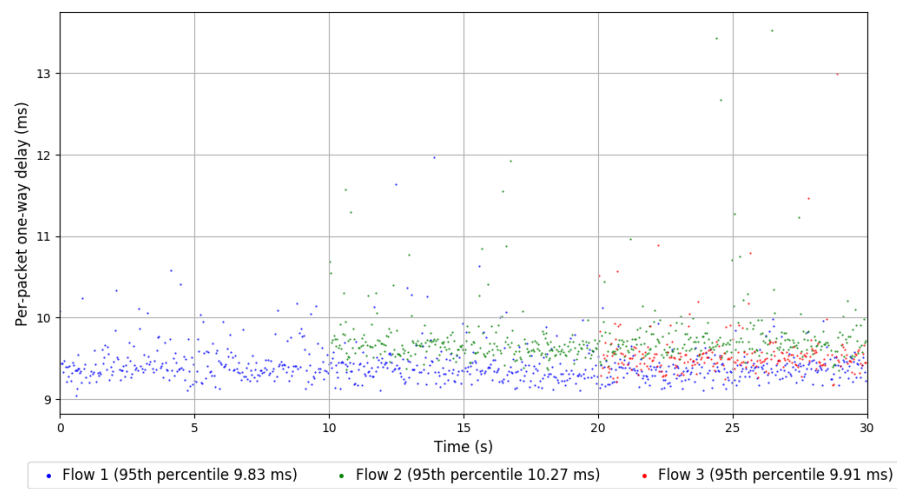
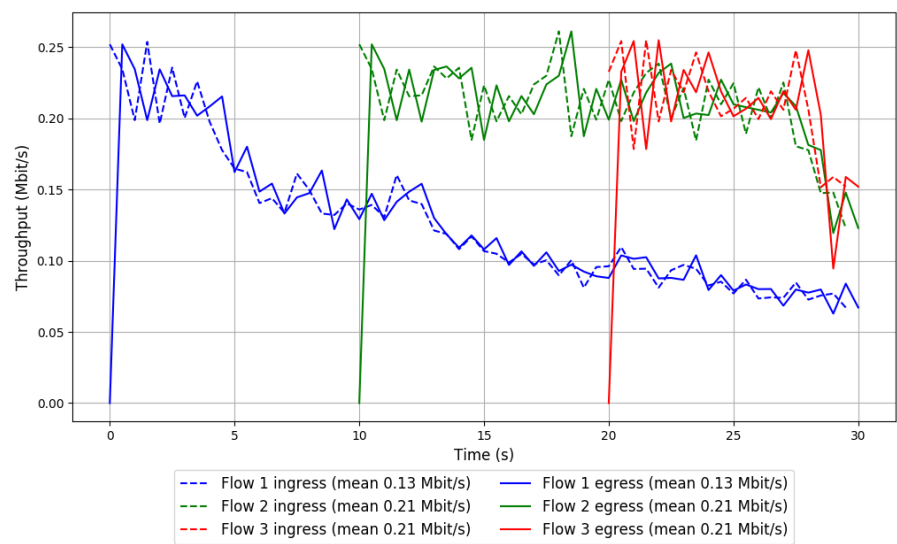


Run 6: Statistics of SReAM

Start at: 2018-08-01 09:31:14
End at: 2018-08-01 09:31:44
Local clock offset: 0.509 ms
Remote clock offset: -4.251 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.34 Mbit/s
95th percentile per-packet one-way delay: 9.974 ms
Loss rate: 0.74%
-- Flow 1:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 9.827 ms
Loss rate: 0.58%
-- Flow 2:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 10.266 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 0.21 Mbit/s
95th percentile per-packet one-way delay: 9.907 ms
Loss rate: 1.45%

Run 6: Report of SReAM — Data Link

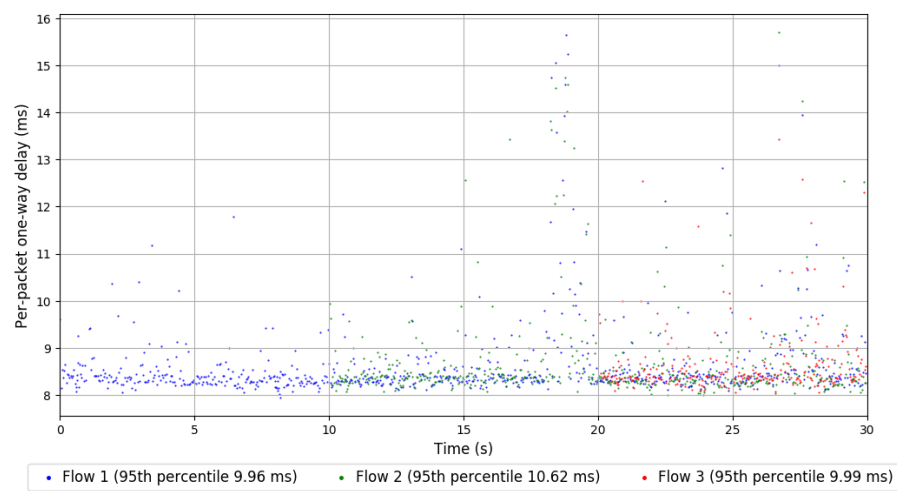
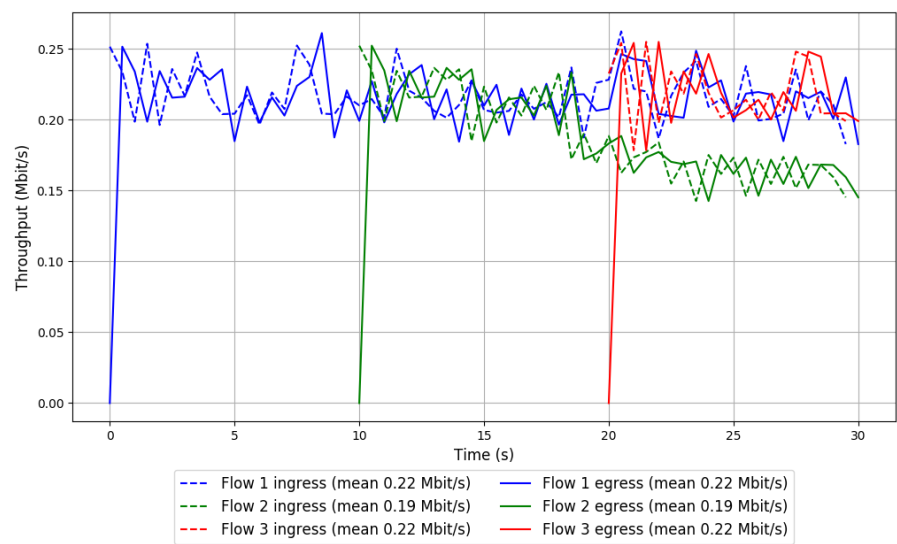


Run 7: Statistics of SCReAM

Start at: 2018-08-01 09:51:09
End at: 2018-08-01 09:51:39
Local clock offset: 0.922 ms
Remote clock offset: -6.161 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 10.166 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 9.965 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.19 Mbit/s
95th percentile per-packet one-way delay: 10.625 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 9.989 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link

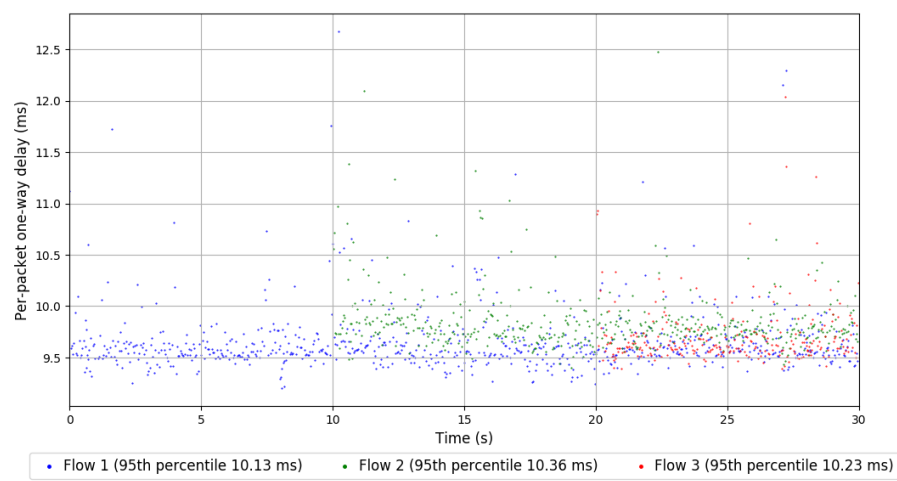
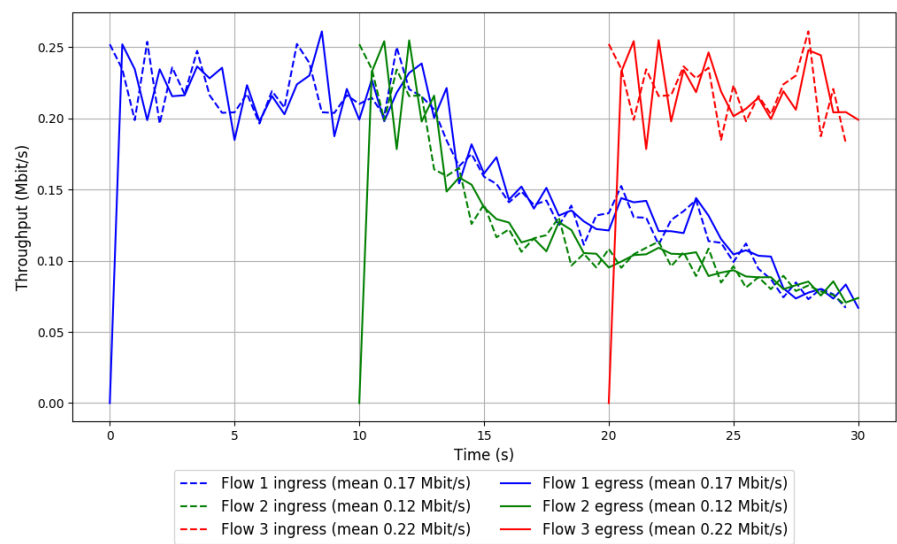


Run 8: Statistics of SCReAM

Start at: 2018-08-01 10:11:24
End at: 2018-08-01 10:11:54
Local clock offset: 1.072 ms
Remote clock offset: -8.849 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.32 Mbit/s
95th percentile per-packet one-way delay: 10.239 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 10.134 ms
Loss rate: 0.32%
-- Flow 2:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 10.361 ms
Loss rate: 0.87%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 10.228 ms
Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

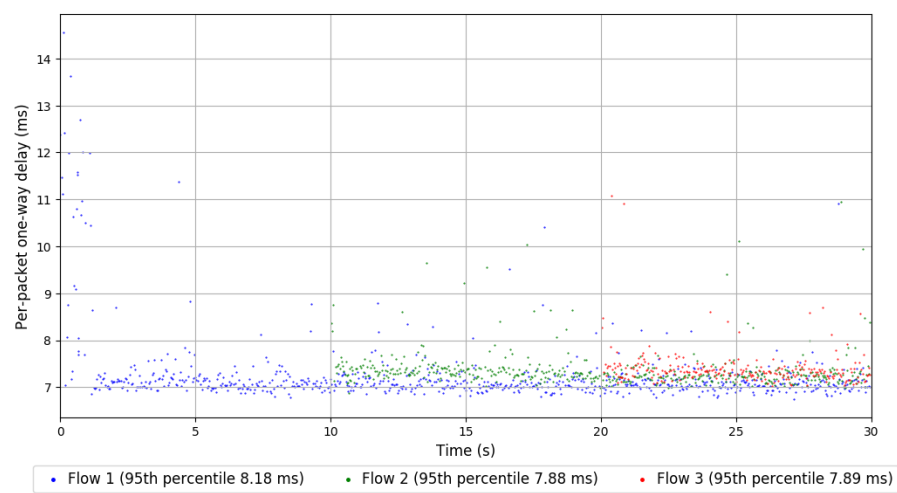
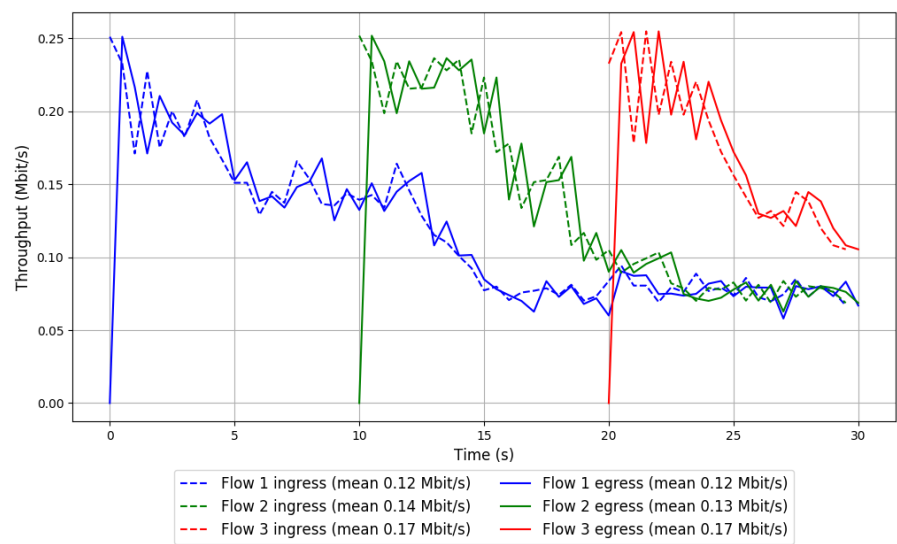


Run 9: Statistics of SCReAM

Start at: 2018-08-01 10:31:37
End at: 2018-08-01 10:32:07
Local clock offset: 0.919 ms
Remote clock offset: -14.099 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 8.062 ms
Loss rate: 1.30%
-- Flow 1:
Average throughput: 0.12 Mbit/s
95th percentile per-packet one-way delay: 8.178 ms
Loss rate: 1.23%
-- Flow 2:
Average throughput: 0.13 Mbit/s
95th percentile per-packet one-way delay: 7.878 ms
Loss rate: 1.69%
-- Flow 3:
Average throughput: 0.17 Mbit/s
95th percentile per-packet one-way delay: 7.889 ms
Loss rate: 0.83%

Run 9: Report of SReAM — Data Link

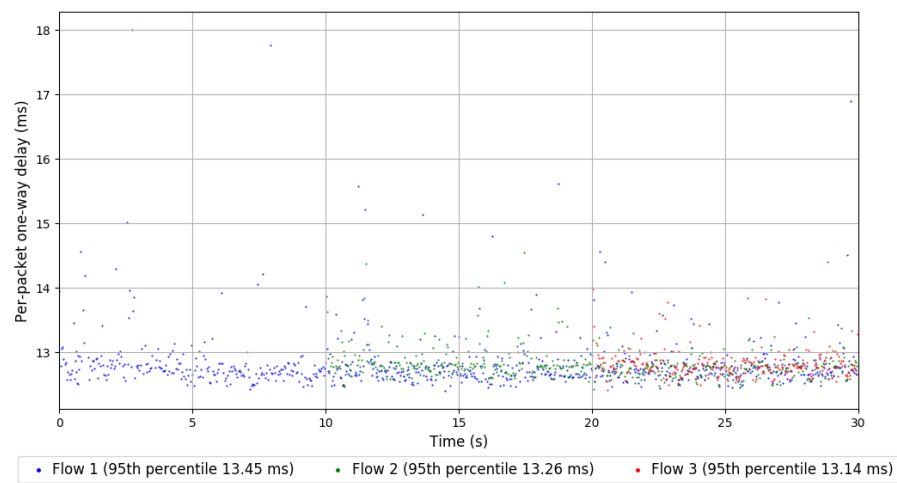
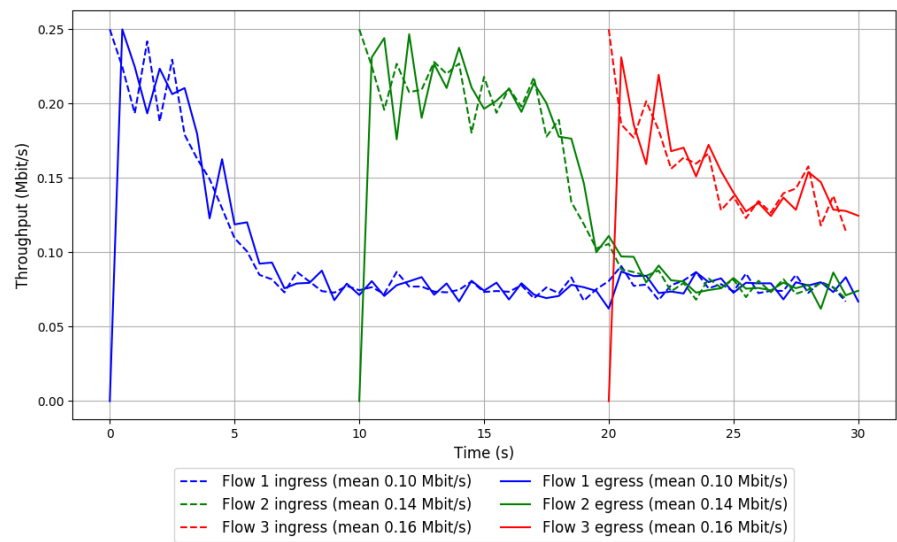


Run 10: Statistics of SCReAM

Start at: 2018-08-01 10:51:20
End at: 2018-08-01 10:51:50
Local clock offset: -1.8 ms
Remote clock offset: -13.596 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 13.322 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 0.10 Mbit/s
95th percentile per-packet one-way delay: 13.446 ms
Loss rate: 0.99%
-- Flow 2:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 13.257 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 0.16 Mbit/s
95th percentile per-packet one-way delay: 13.142 ms
Loss rate: 0.61%

Run 10: Report of SReAM — Data Link

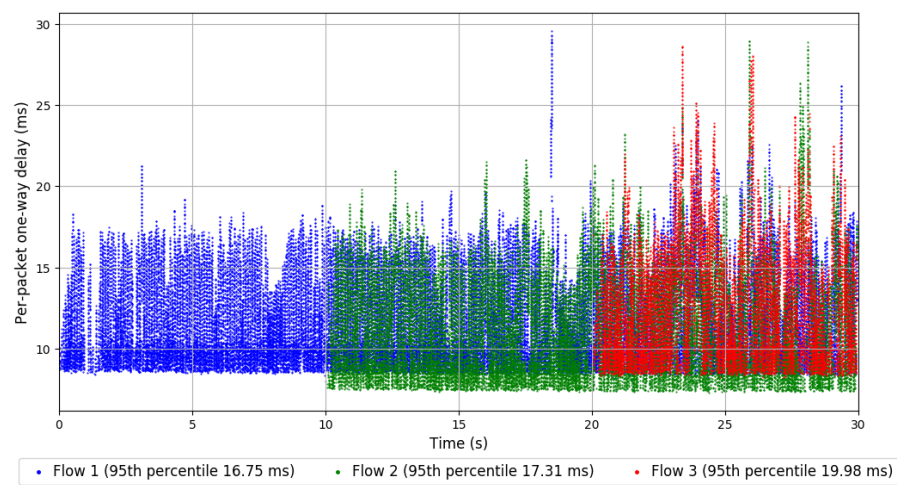
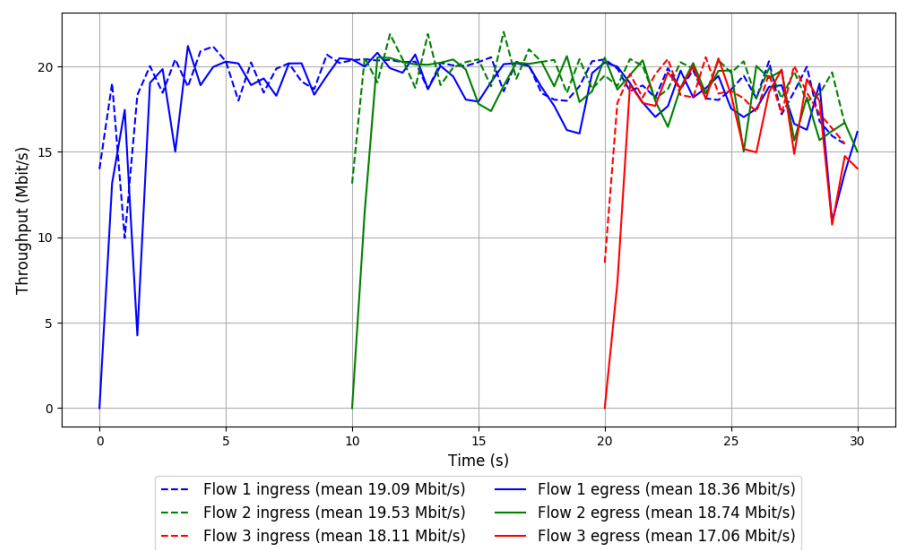


Run 1: Statistics of Sprout

Start at: 2018-08-01 07:56:10
End at: 2018-08-01 07:56:40
Local clock offset: 1.328 ms
Remote clock offset: -6.766 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 36.46 Mbit/s
95th percentile per-packet one-way delay: 17.358 ms
Loss rate: 4.21%
-- Flow 1:
Average throughput: 18.36 Mbit/s
95th percentile per-packet one-way delay: 16.755 ms
Loss rate: 3.82%
-- Flow 2:
Average throughput: 18.74 Mbit/s
95th percentile per-packet one-way delay: 17.310 ms
Loss rate: 4.05%
-- Flow 3:
Average throughput: 17.06 Mbit/s
95th percentile per-packet one-way delay: 19.985 ms
Loss rate: 5.83%

Run 1: Report of Sprout — Data Link

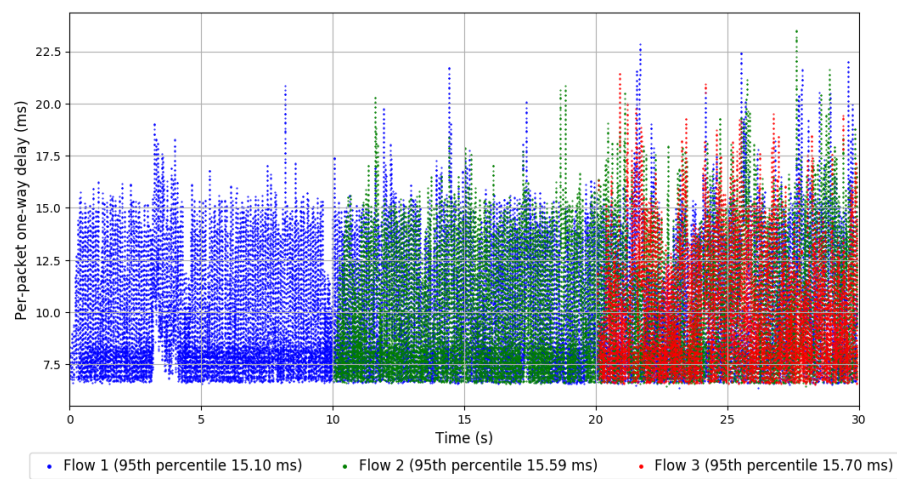
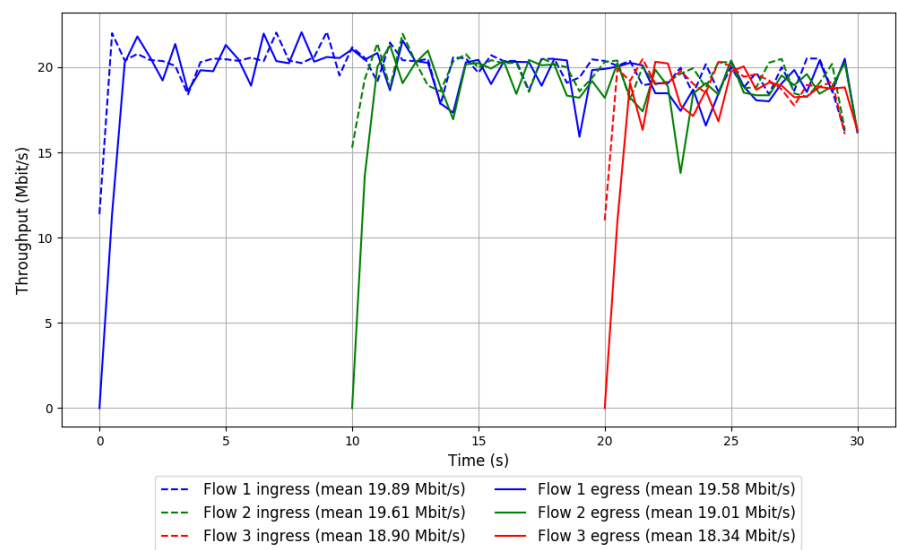


Run 2: Statistics of Sprout

Start at: 2018-08-01 08:15:44
End at: 2018-08-01 08:16:14
Local clock offset: 0.58 ms
Remote clock offset: -4.954 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 38.28 Mbit/s
95th percentile per-packet one-way delay: 15.350 ms
Loss rate: 2.30%
-- Flow 1:
Average throughput: 19.58 Mbit/s
95th percentile per-packet one-way delay: 15.099 ms
Loss rate: 1.59%
-- Flow 2:
Average throughput: 19.01 Mbit/s
95th percentile per-packet one-way delay: 15.586 ms
Loss rate: 3.07%
-- Flow 3:
Average throughput: 18.34 Mbit/s
95th percentile per-packet one-way delay: 15.697 ms
Loss rate: 2.99%

Run 2: Report of Sprout — Data Link

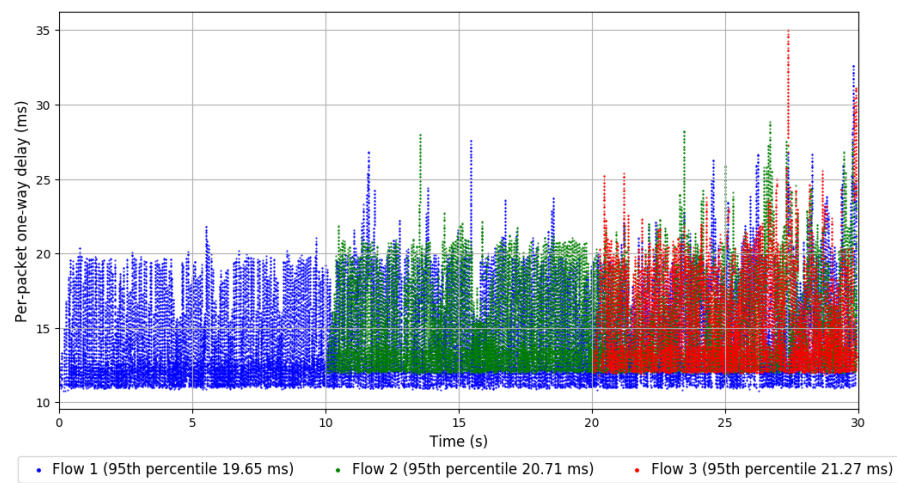
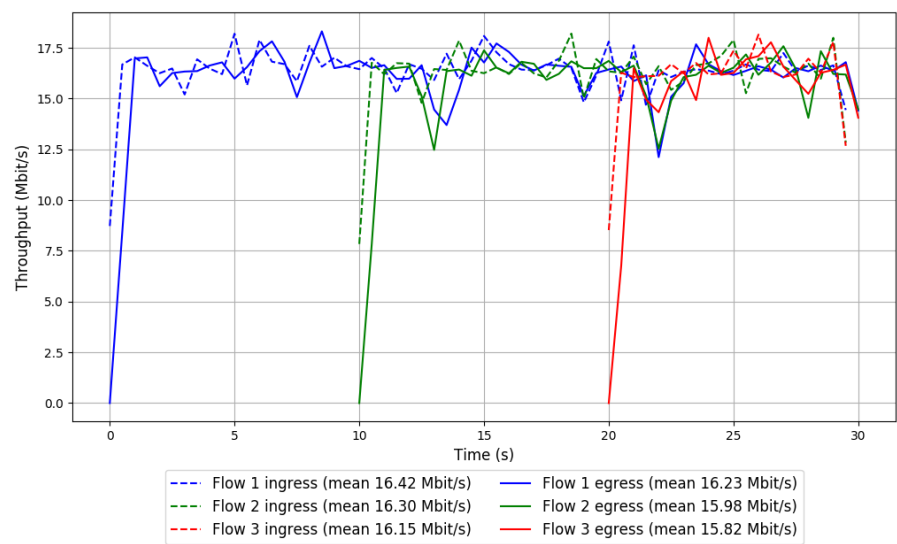


Run 3: Statistics of Sprout

Start at: 2018-08-01 08:35:19
End at: 2018-08-01 08:35:49
Local clock offset: -0.362 ms
Remote clock offset: -8.264 ms

```
# Below is generated by plot.py at 2018-08-01 11:17:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 32.09 Mbit/s
95th percentile per-packet one-way delay: 20.403 ms
Loss rate: 1.53%
-- Flow 1:
Average throughput: 16.23 Mbit/s
95th percentile per-packet one-way delay: 19.651 ms
Loss rate: 1.10%
-- Flow 2:
Average throughput: 15.98 Mbit/s
95th percentile per-packet one-way delay: 20.713 ms
Loss rate: 1.94%
-- Flow 3:
Average throughput: 15.82 Mbit/s
95th percentile per-packet one-way delay: 21.275 ms
Loss rate: 2.02%
```

Run 3: Report of Sprout — Data Link

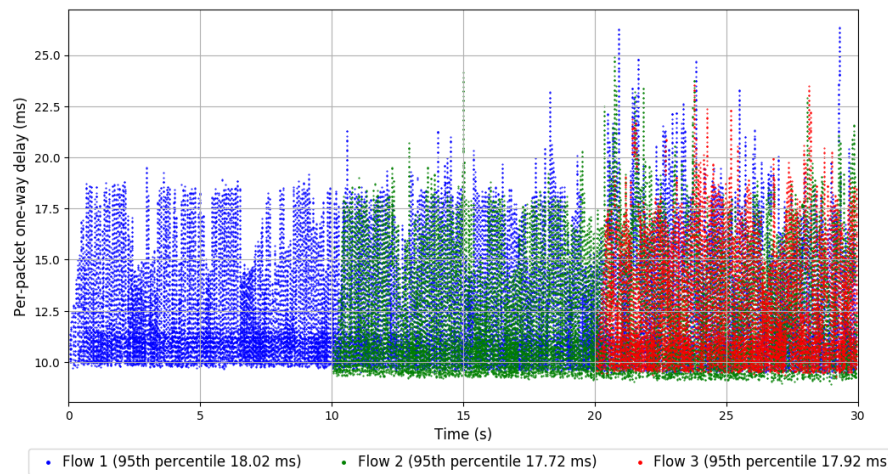
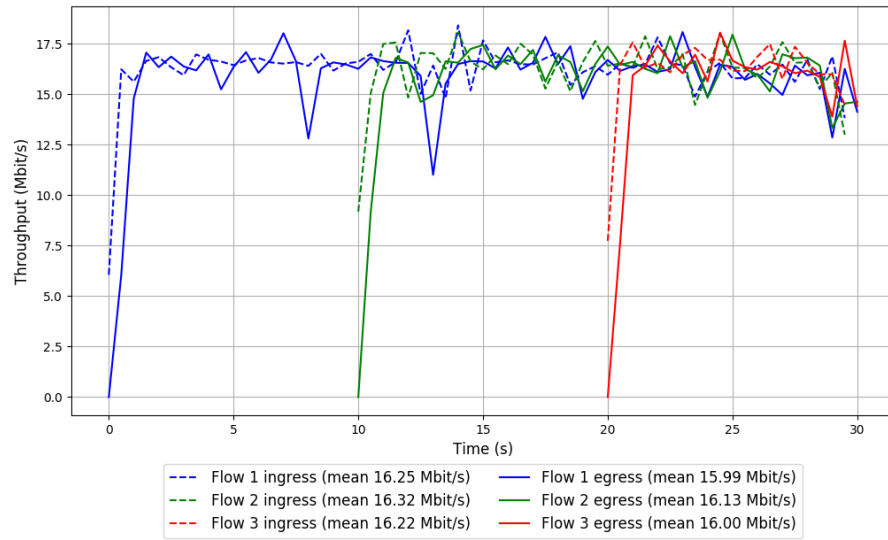


Run 4: Statistics of Sprout

Start at: 2018-08-01 08:55:39
End at: 2018-08-01 08:56:09
Local clock offset: 1.125 ms
Remote clock offset: -10.903 ms

```
# Below is generated by plot.py at 2018-08-01 11:17:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 32.00 Mbit/s
95th percentile per-packet one-way delay: 17.917 ms
Loss rate: 1.39%
-- Flow 1:
Average throughput: 15.99 Mbit/s
95th percentile per-packet one-way delay: 18.016 ms
Loss rate: 1.57%
-- Flow 2:
Average throughput: 16.13 Mbit/s
95th percentile per-packet one-way delay: 17.723 ms
Loss rate: 1.19%
-- Flow 3:
Average throughput: 16.00 Mbit/s
95th percentile per-packet one-way delay: 17.920 ms
Loss rate: 1.29%
```

Run 4: Report of Sprout — Data Link

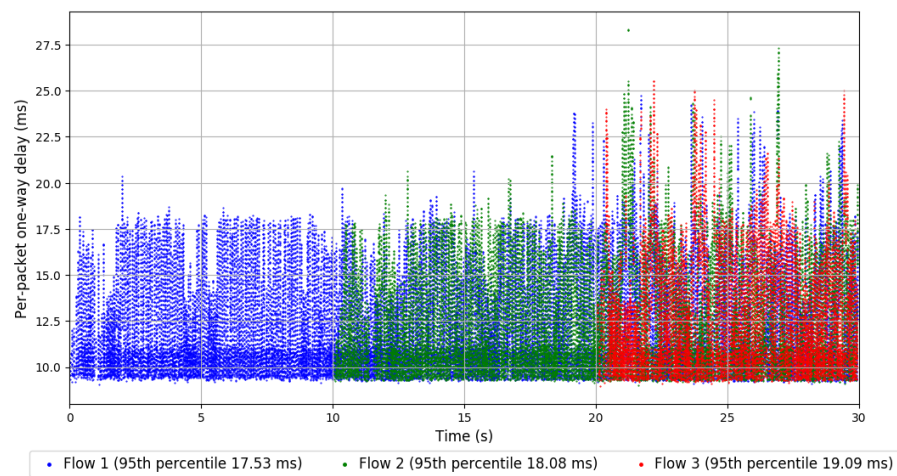
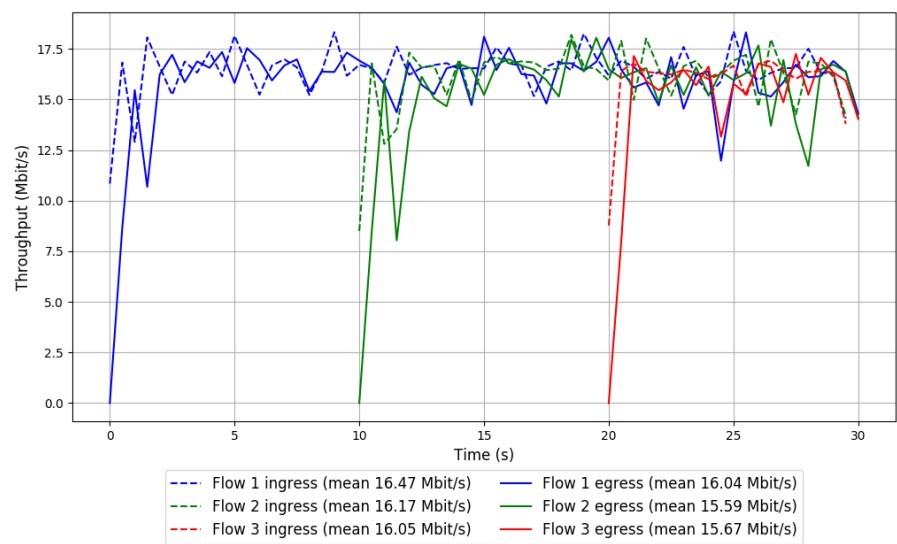


Run 5: Statistics of Sprout

Start at: 2018-08-01 09:15:47
End at: 2018-08-01 09:16:17
Local clock offset: 0.339 ms
Remote clock offset: -5.654 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.58 Mbit/s
95th percentile per-packet one-way delay: 17.866 ms
Loss rate: 2.86%
-- Flow 1:
Average throughput: 16.04 Mbit/s
95th percentile per-packet one-way delay: 17.534 ms
Loss rate: 2.56%
-- Flow 2:
Average throughput: 15.59 Mbit/s
95th percentile per-packet one-way delay: 18.082 ms
Loss rate: 3.59%
-- Flow 3:
Average throughput: 15.67 Mbit/s
95th percentile per-packet one-way delay: 19.089 ms
Loss rate: 2.29%

Run 5: Report of Sprout — Data Link

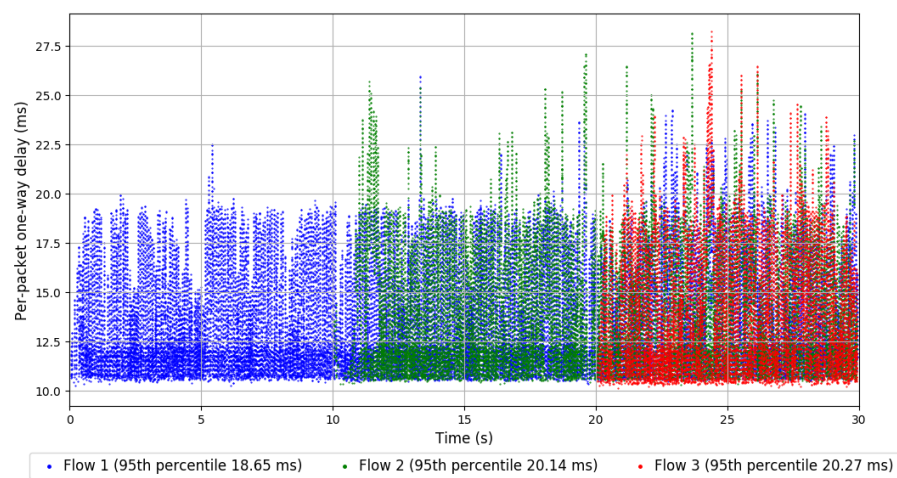
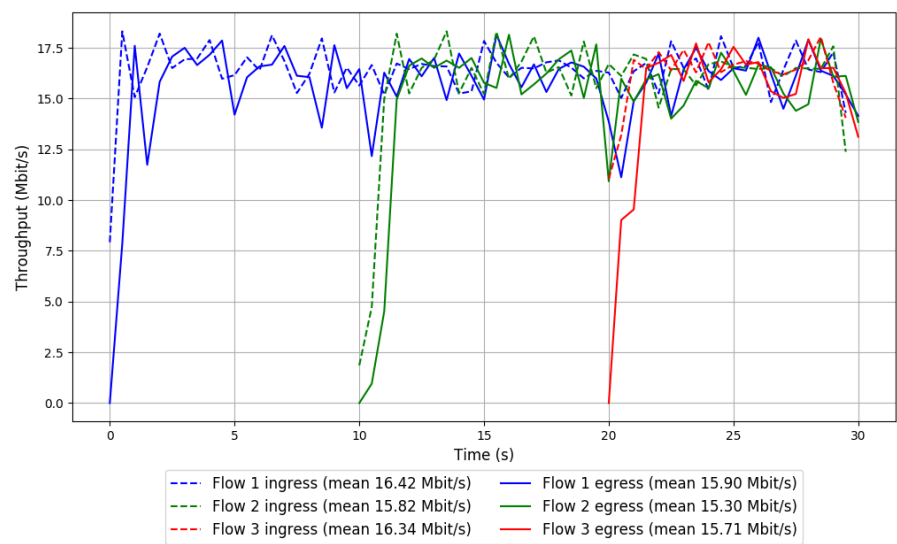


Run 6: Statistics of Sprout

Start at: 2018-08-01 09:35:48
End at: 2018-08-01 09:36:18
Local clock offset: -0.231 ms
Remote clock offset: -4.561 ms

```
# Below is generated by plot.py at 2018-08-01 11:17:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 31.27 Mbit/s
95th percentile per-packet one-way delay: 19.186 ms
Loss rate: 3.29%
-- Flow 1:
Average throughput: 15.90 Mbit/s
95th percentile per-packet one-way delay: 18.653 ms
Loss rate: 3.14%
-- Flow 2:
Average throughput: 15.30 Mbit/s
95th percentile per-packet one-way delay: 20.139 ms
Loss rate: 3.26%
-- Flow 3:
Average throughput: 15.71 Mbit/s
95th percentile per-packet one-way delay: 20.274 ms
Loss rate: 3.80%
```


Run 6: Report of Sprout — Data Link

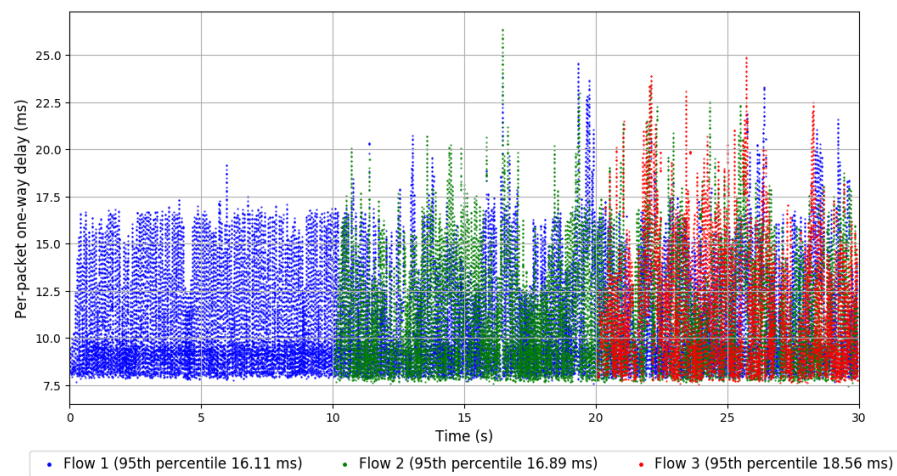
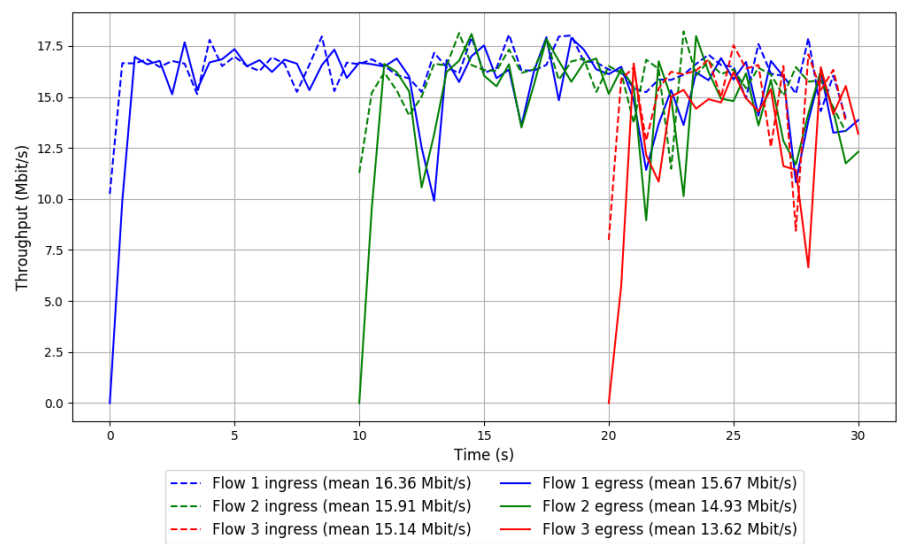


Run 7: Statistics of Sprout

Start at: 2018-08-01 09:55:48
End at: 2018-08-01 09:56:18
Local clock offset: -0.4 ms
Remote clock offset: -8.082 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 30.10 Mbit/s
95th percentile per-packet one-way delay: 16.628 ms
Loss rate: 5.78%
-- Flow 1:
Average throughput: 15.67 Mbit/s
95th percentile per-packet one-way delay: 16.115 ms
Loss rate: 4.24%
-- Flow 2:
Average throughput: 14.93 Mbit/s
95th percentile per-packet one-way delay: 16.886 ms
Loss rate: 6.16%
-- Flow 3:
Average throughput: 13.62 Mbit/s
95th percentile per-packet one-way delay: 18.556 ms
Loss rate: 9.99%

Run 7: Report of Sprout — Data Link

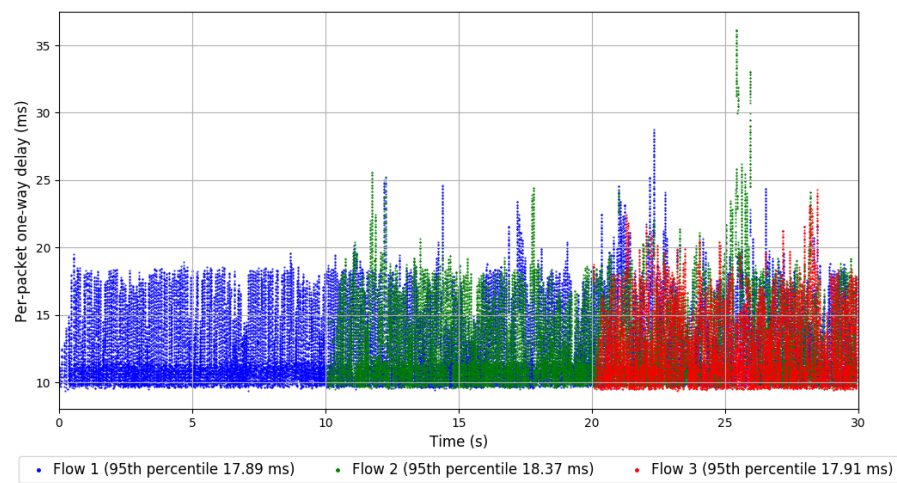
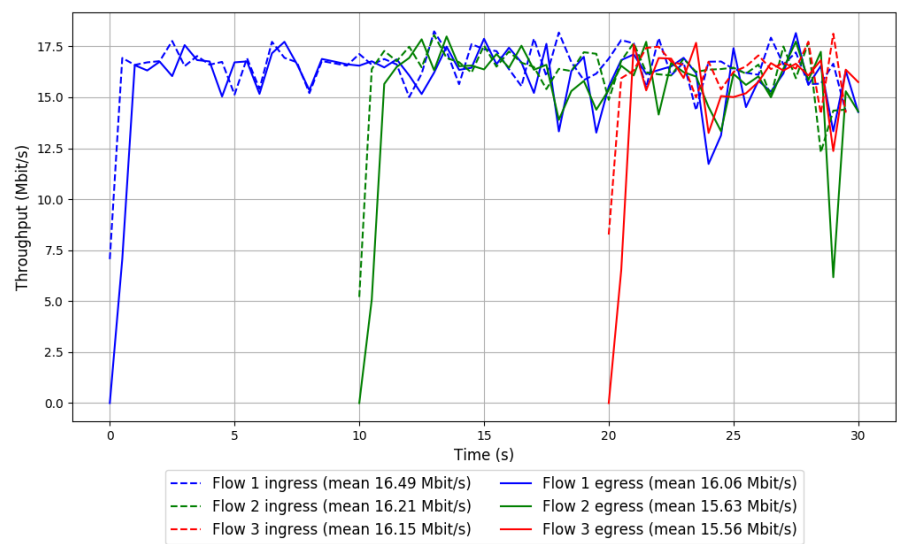


Run 8: Statistics of Sprout

Start at: 2018-08-01 10:15:58
End at: 2018-08-01 10:16:28
Local clock offset: -1.12 ms
Remote clock offset: -12.072 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 31.58 Mbit/s
95th percentile per-packet one-way delay: 18.050 ms
Loss rate: 3.09%
-- Flow 1:
Average throughput: 16.06 Mbit/s
95th percentile per-packet one-way delay: 17.895 ms
Loss rate: 2.65%
-- Flow 2:
Average throughput: 15.63 Mbit/s
95th percentile per-packet one-way delay: 18.366 ms
Loss rate: 3.54%
-- Flow 3:
Average throughput: 15.56 Mbit/s
95th percentile per-packet one-way delay: 17.914 ms
Loss rate: 3.54%

Run 8: Report of Sprout — Data Link

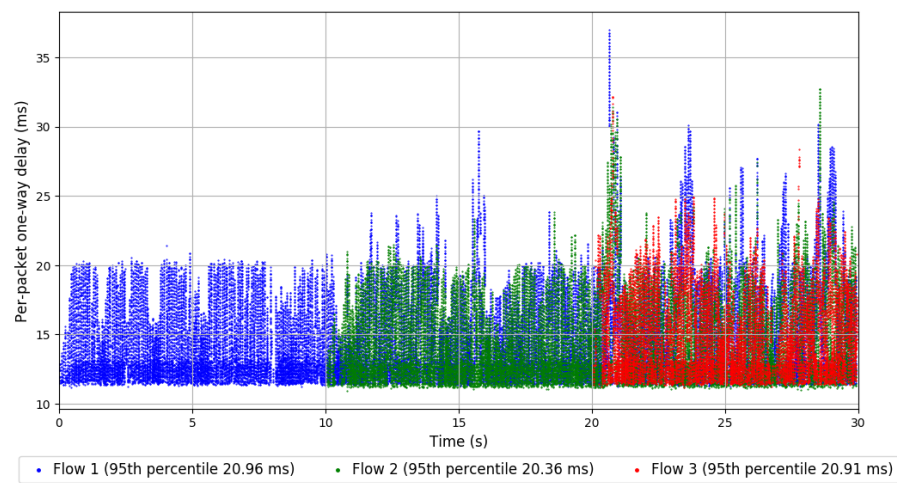
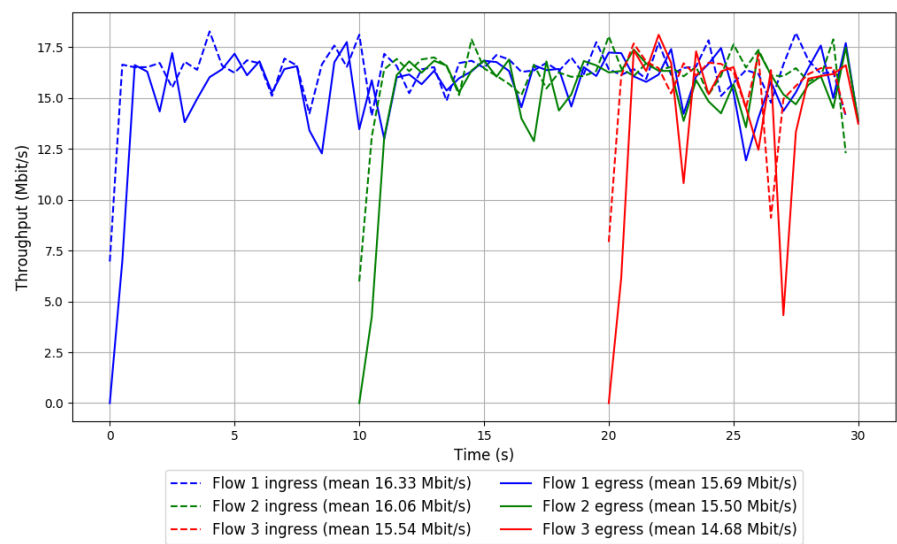


Run 9: Statistics of Sprout

Start at: 2018-08-01 10:36:08
End at: 2018-08-01 10:36:38
Local clock offset: -2.087 ms
Remote clock offset: -12.965 ms

Below is generated by plot.py at 2018-08-01 11:17:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 30.84 Mbit/s
95th percentile per-packet one-way delay: 20.748 ms
Loss rate: 4.03%
-- Flow 1:
Average throughput: 15.69 Mbit/s
95th percentile per-packet one-way delay: 20.963 ms
Loss rate: 3.91%
-- Flow 2:
Average throughput: 15.50 Mbit/s
95th percentile per-packet one-way delay: 20.364 ms
Loss rate: 3.50%
-- Flow 3:
Average throughput: 14.68 Mbit/s
95th percentile per-packet one-way delay: 20.909 ms
Loss rate: 5.50%

Run 9: Report of Sprout — Data Link

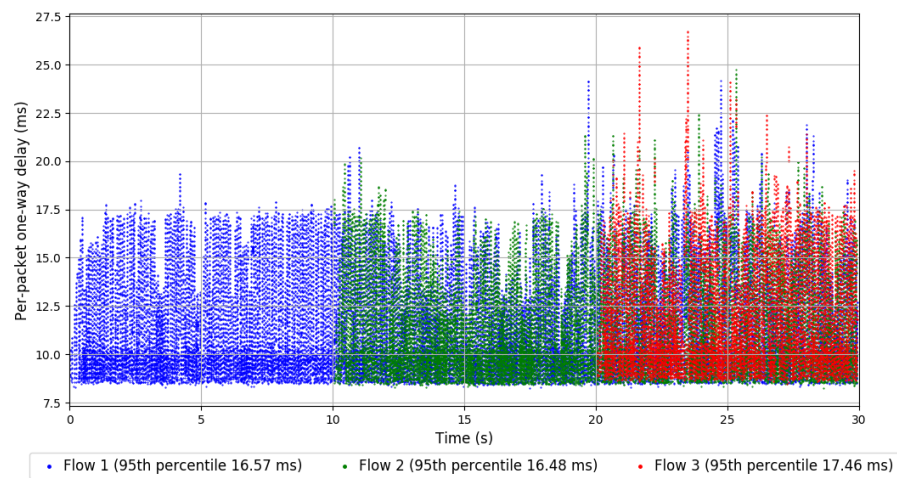
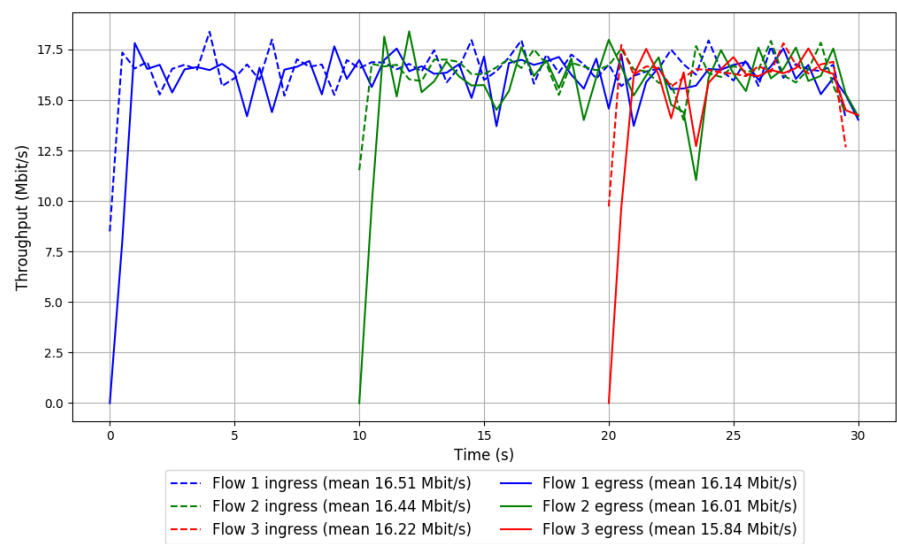


Run 10: Statistics of Sprout

Start at: 2018-08-01 10:55:48
End at: 2018-08-01 10:56:18
Local clock offset: -3.674 ms
Remote clock offset: -19.212 ms

Below is generated by plot.py at 2018-08-01 11:17:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 32.02 Mbit/s
95th percentile per-packet one-way delay: 16.701 ms
Loss rate: 2.38%
-- Flow 1:
Average throughput: 16.14 Mbit/s
95th percentile per-packet one-way delay: 16.572 ms
Loss rate: 2.20%
-- Flow 2:
Average throughput: 16.01 Mbit/s
95th percentile per-packet one-way delay: 16.480 ms
Loss rate: 2.65%
-- Flow 3:
Average throughput: 15.84 Mbit/s
95th percentile per-packet one-way delay: 17.463 ms
Loss rate: 2.36%

Run 10: Report of Sprout — Data Link

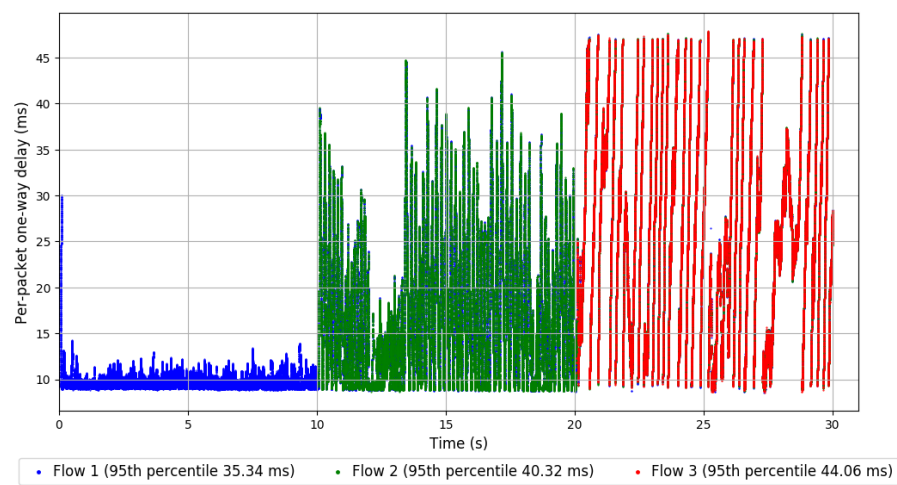
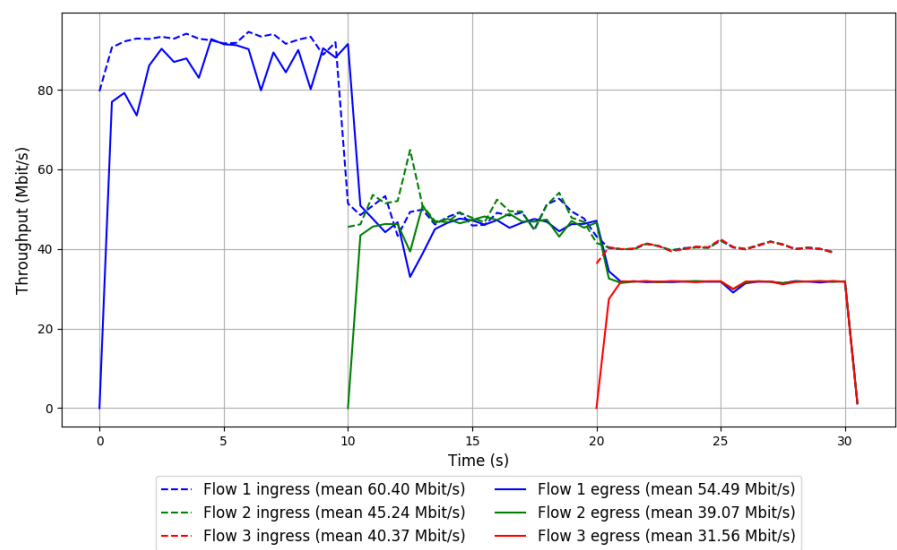


Run 1: Statistics of TaoVA-100x

Start at: 2018-08-01 07:49:13
End at: 2018-08-01 07:49:43
Local clock offset: 0.668 ms
Remote clock offset: -9.745 ms

Below is generated by plot.py at 2018-08-01 11:19:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.04 Mbit/s
95th percentile per-packet one-way delay: 39.169 ms
Loss rate: 12.39%
-- Flow 1:
Average throughput: 54.49 Mbit/s
95th percentile per-packet one-way delay: 35.340 ms
Loss rate: 9.73%
-- Flow 2:
Average throughput: 39.07 Mbit/s
95th percentile per-packet one-way delay: 40.322 ms
Loss rate: 13.57%
-- Flow 3:
Average throughput: 31.56 Mbit/s
95th percentile per-packet one-way delay: 44.062 ms
Loss rate: 21.68%

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

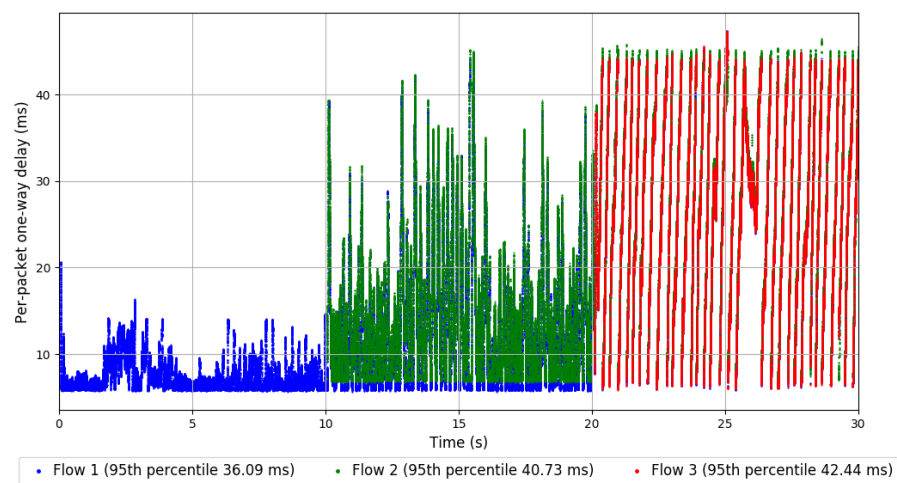
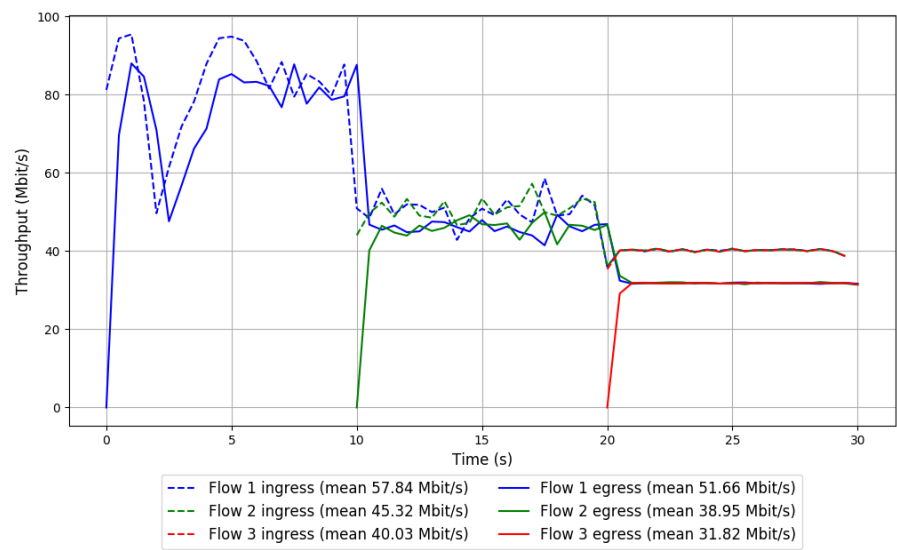


Run 2: Statistics of TaoVA-100x

Start at: 2018-08-01 08:08:53
End at: 2018-08-01 08:09:23
Local clock offset: 1.812 ms
Remote clock offset: -5.226 ms

Below is generated by plot.py at 2018-08-01 11:19:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.17 Mbit/s
95th percentile per-packet one-way delay: 39.663 ms
Loss rate: 12.99%
-- Flow 1:
Average throughput: 51.66 Mbit/s
95th percentile per-packet one-way delay: 36.087 ms
Loss rate: 10.68%
-- Flow 2:
Average throughput: 38.95 Mbit/s
95th percentile per-packet one-way delay: 40.734 ms
Loss rate: 14.05%
-- Flow 3:
Average throughput: 31.82 Mbit/s
95th percentile per-packet one-way delay: 42.440 ms
Loss rate: 20.64%

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

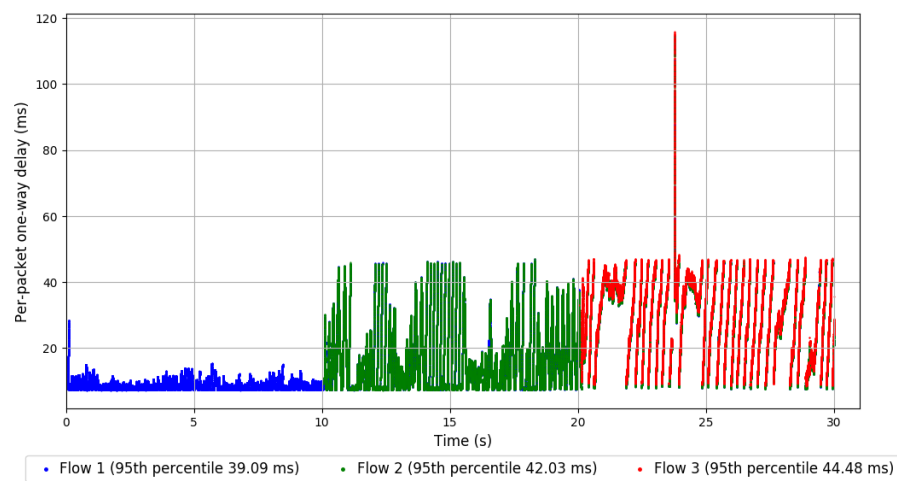
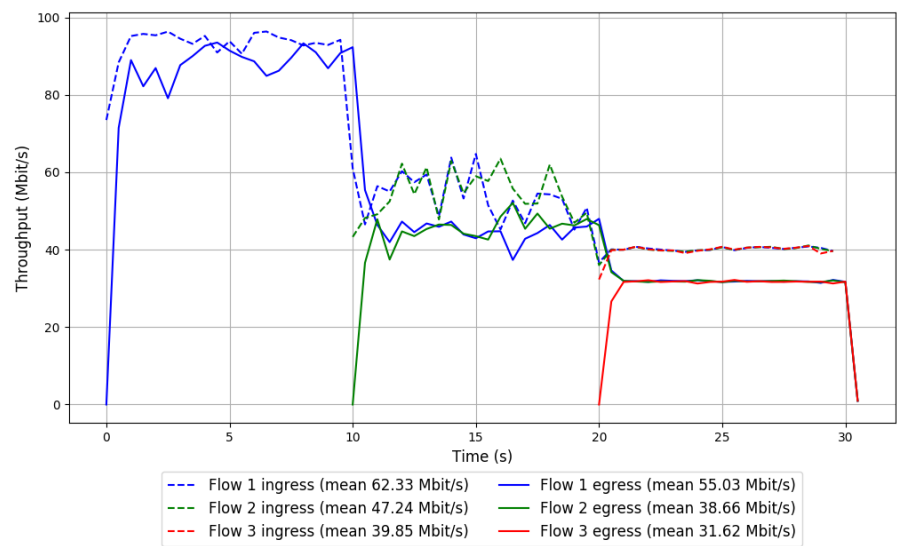


Run 3: Statistics of TaoVA-100x

Start at: 2018-08-01 08:28:25
End at: 2018-08-01 08:28:55
Local clock offset: 0.985 ms
Remote clock offset: -8.427 ms

Below is generated by plot.py at 2018-08-01 11:19:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.28 Mbit/s
95th percentile per-packet one-way delay: 41.521 ms
Loss rate: 14.65%
-- Flow 1:
Average throughput: 55.03 Mbit/s
95th percentile per-packet one-way delay: 39.085 ms
Loss rate: 11.65%
-- Flow 2:
Average throughput: 38.66 Mbit/s
95th percentile per-packet one-way delay: 42.032 ms
Loss rate: 18.08%
-- Flow 3:
Average throughput: 31.62 Mbit/s
95th percentile per-packet one-way delay: 44.485 ms
Loss rate: 20.65%

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

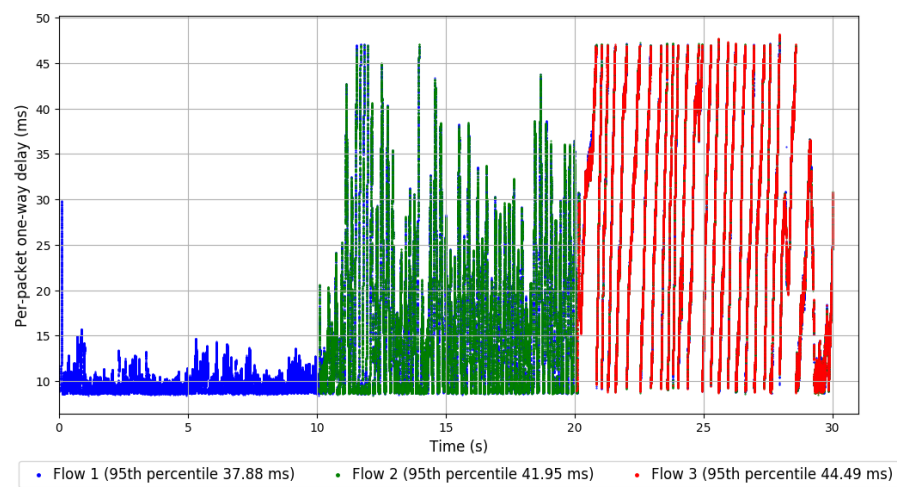
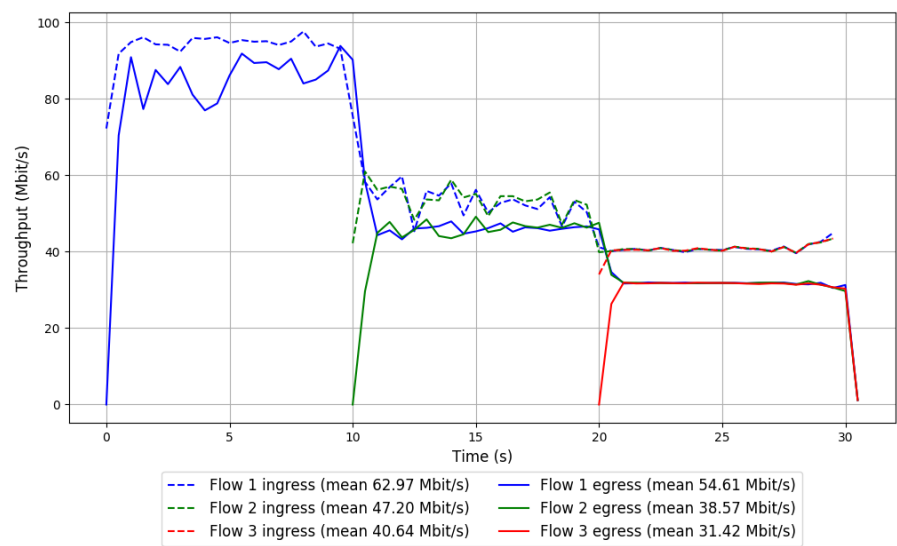


Run 4: Statistics of TaoVA-100x

Start at: 2018-08-01 08:48:33
End at: 2018-08-01 08:49:03
Local clock offset: 1.076 ms
Remote clock offset: -12.083 ms

Below is generated by plot.py at 2018-08-01 11:19:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.77 Mbit/s
95th percentile per-packet one-way delay: 41.208 ms
Loss rate: 15.84%
-- Flow 1:
Average throughput: 54.61 Mbit/s
95th percentile per-packet one-way delay: 37.880 ms
Loss rate: 13.21%
-- Flow 2:
Average throughput: 38.57 Mbit/s
95th percentile per-packet one-way delay: 41.955 ms
Loss rate: 18.19%
-- Flow 3:
Average throughput: 31.42 Mbit/s
95th percentile per-packet one-way delay: 44.493 ms
Loss rate: 22.59%

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

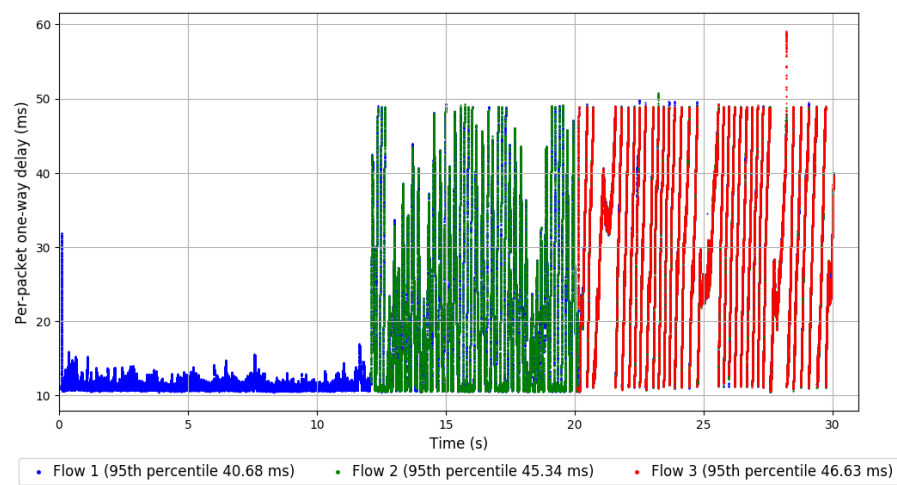
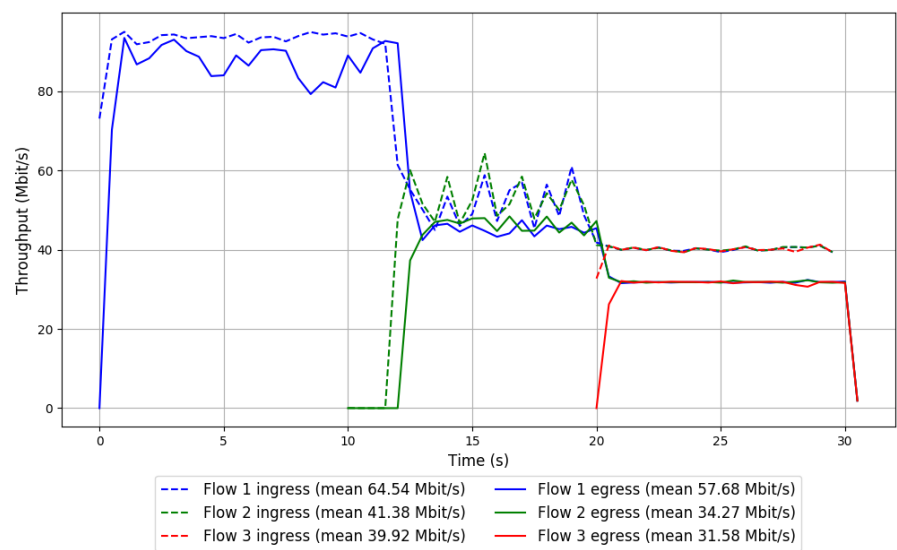


Run 5: Statistics of TaoVA-100x

Start at: 2018-08-01 09:08:45
End at: 2018-08-01 09:09:15
Local clock offset: -0.31 ms
Remote clock offset: -6.795 ms

Below is generated by plot.py at 2018-08-01 11:19:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.04 Mbit/s
95th percentile per-packet one-way delay: 43.761 ms
Loss rate: 13.53%
-- Flow 1:
Average throughput: 57.68 Mbit/s
95th percentile per-packet one-way delay: 40.681 ms
Loss rate: 10.55%
-- Flow 2:
Average throughput: 34.27 Mbit/s
95th percentile per-packet one-way delay: 45.345 ms
Loss rate: 17.06%
-- Flow 3:
Average throughput: 31.58 Mbit/s
95th percentile per-packet one-way delay: 46.626 ms
Loss rate: 20.68%

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

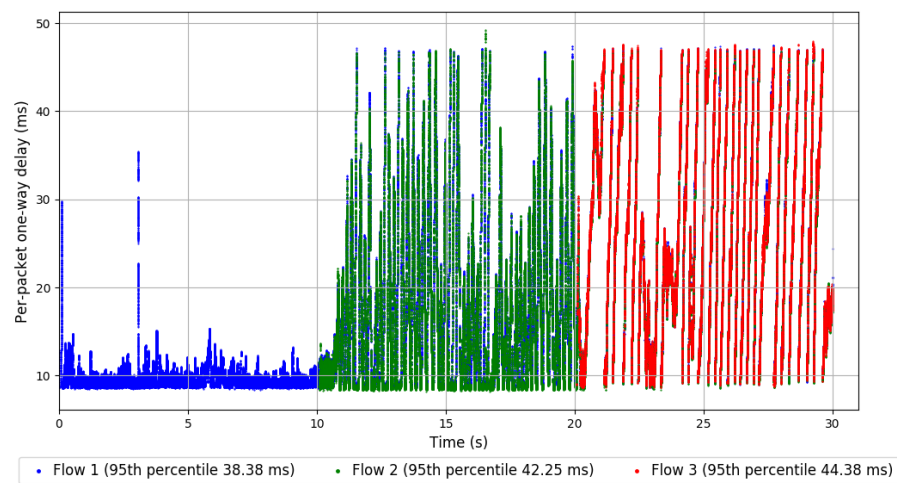
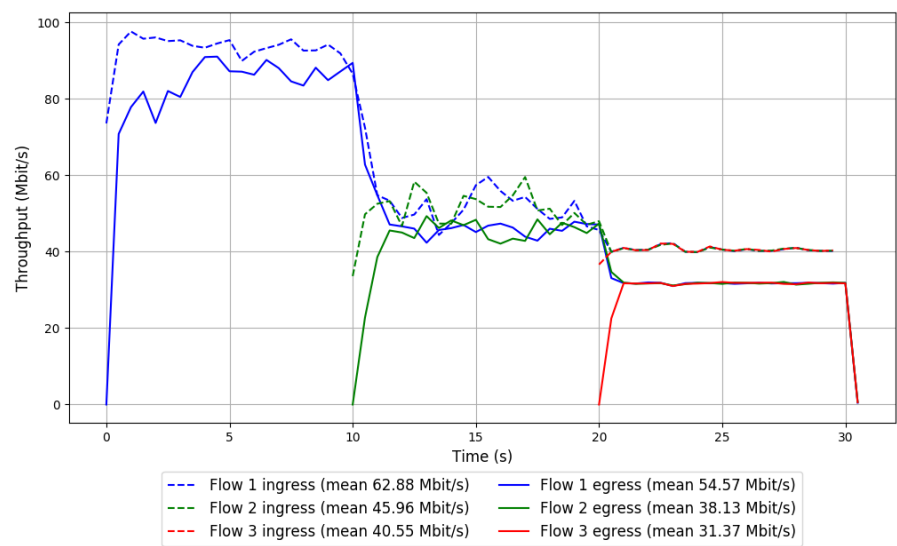


Run 6: Statistics of TaoVA-100x

Start at: 2018-08-01 09:28:43
End at: 2018-08-01 09:29:13
Local clock offset: 1.449 ms
Remote clock offset: -3.718 ms

Below is generated by plot.py at 2018-08-01 11:19:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.40 Mbit/s
95th percentile per-packet one-way delay: 41.192 ms
Loss rate: 15.46%
-- Flow 1:
Average throughput: 54.57 Mbit/s
95th percentile per-packet one-way delay: 38.377 ms
Loss rate: 13.17%
-- Flow 2:
Average throughput: 38.13 Mbit/s
95th percentile per-packet one-way delay: 42.254 ms
Loss rate: 17.01%
-- Flow 3:
Average throughput: 31.37 Mbit/s
95th percentile per-packet one-way delay: 44.378 ms
Loss rate: 22.58%

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

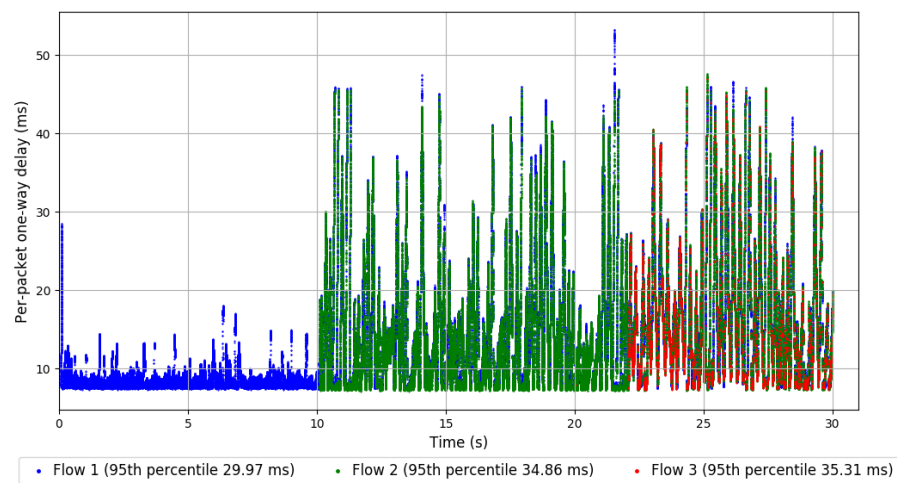
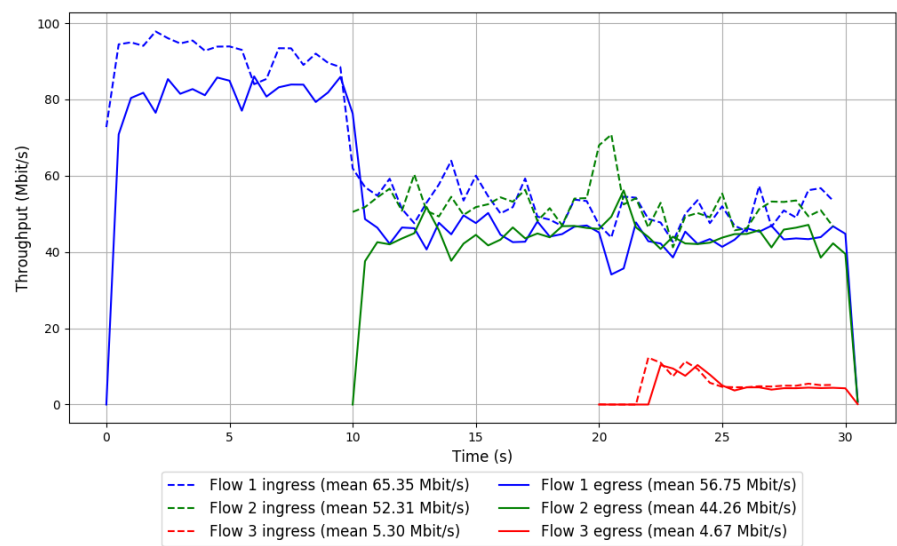


Run 7: Statistics of TaoVA-100x

Start at: 2018-08-01 09:48:37
End at: 2018-08-01 09:49:07
Local clock offset: 0.944 ms
Remote clock offset: -6.999 ms

Below is generated by plot.py at 2018-08-01 11:19:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.80 Mbit/s
95th percentile per-packet one-way delay: 32.495 ms
Loss rate: 13.88%
-- Flow 1:
Average throughput: 56.75 Mbit/s
95th percentile per-packet one-way delay: 29.968 ms
Loss rate: 13.14%
-- Flow 2:
Average throughput: 44.26 Mbit/s
95th percentile per-packet one-way delay: 34.862 ms
Loss rate: 15.36%
-- Flow 3:
Average throughput: 4.67 Mbit/s
95th percentile per-packet one-way delay: 35.314 ms
Loss rate: 11.94%

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



Run 8: Statistics of TaoVA-100x

Start at: 2018-08-01 10:08:51

End at: 2018-08-01 10:09:21

Local clock offset: -3.475 ms

Remote clock offset: -8.17 ms

Below is generated by plot.py at 2018-08-01 11:19:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.00 Mbit/s

95th percentile per-packet one-way delay: 47.082 ms

Loss rate: 16.00%

-- Flow 1:

Average throughput: 53.78 Mbit/s

95th percentile per-packet one-way delay: 44.490 ms

Loss rate: 14.15%

-- Flow 2:

Average throughput: 38.65 Mbit/s

95th percentile per-packet one-way delay: 48.020 ms

Loss rate: 17.30%

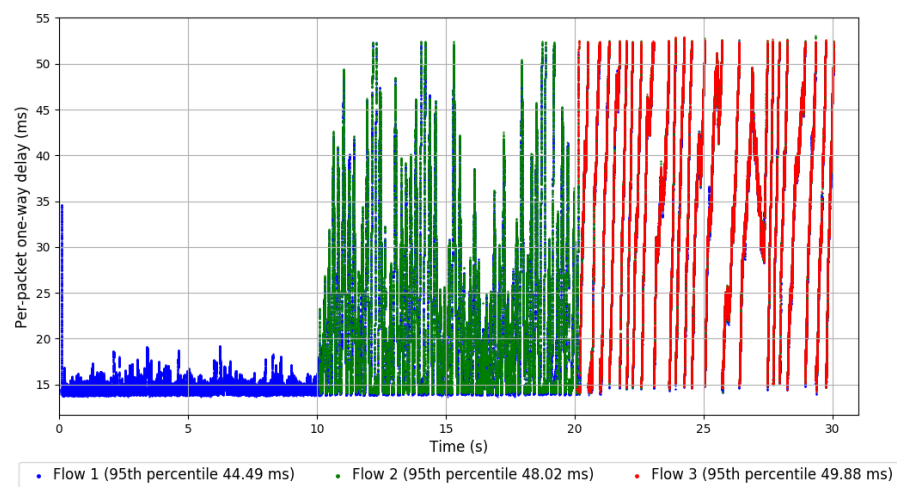
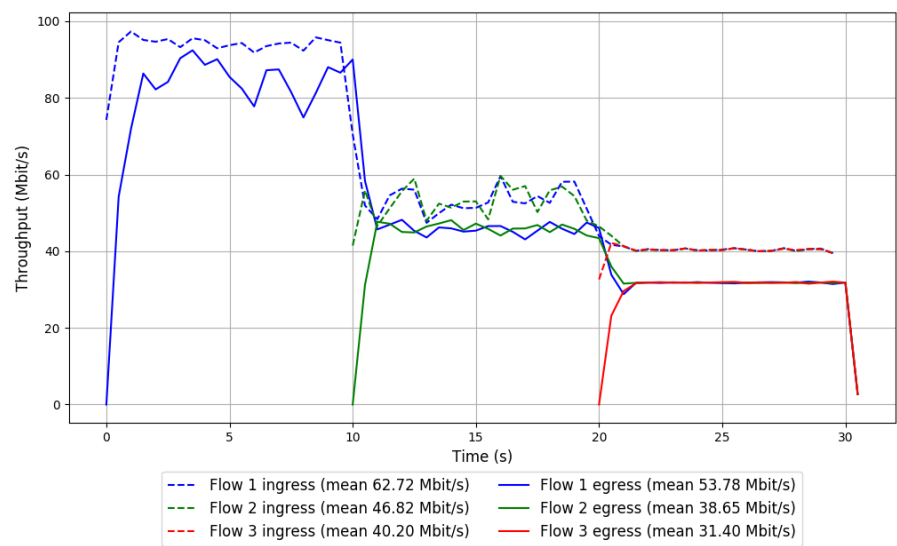
-- Flow 3:

Average throughput: 31.40 Mbit/s

95th percentile per-packet one-way delay: 49.884 ms

Loss rate: 21.62%

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

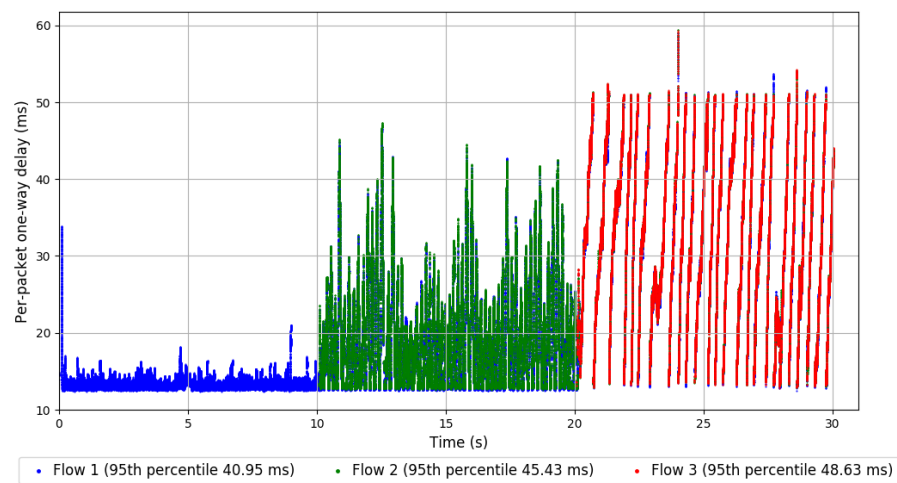
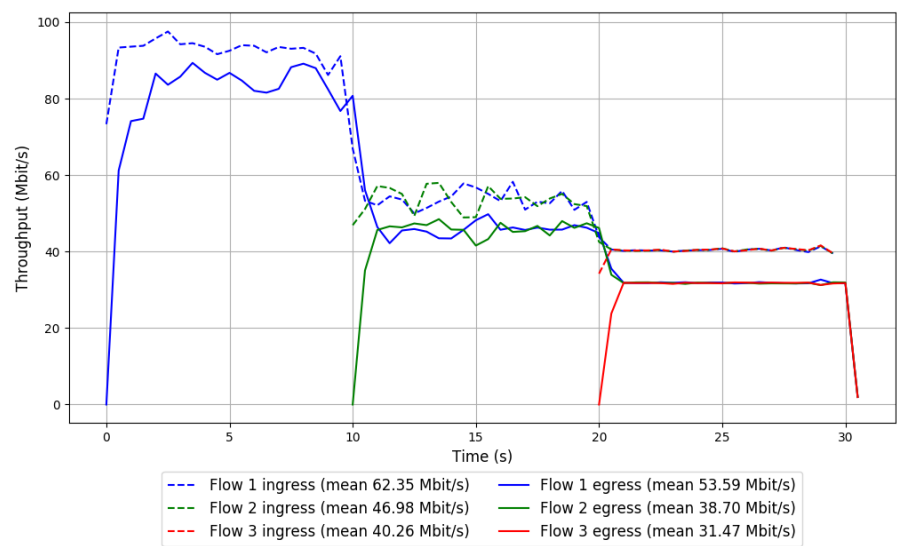


Run 9: Statistics of TaoVA-100x

Start at: 2018-08-01 10:29:01
End at: 2018-08-01 10:29:31
Local clock offset: -1.78 ms
Remote clock offset: -11.14 ms

Below is generated by plot.py at 2018-08-01 11:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.87 Mbit/s
95th percentile per-packet one-way delay: 44.567 ms
Loss rate: 15.95%
-- Flow 1:
Average throughput: 53.59 Mbit/s
95th percentile per-packet one-way delay: 40.947 ms
Loss rate: 13.97%
-- Flow 2:
Average throughput: 38.70 Mbit/s
95th percentile per-packet one-way delay: 45.432 ms
Loss rate: 17.50%
-- Flow 3:
Average throughput: 31.47 Mbit/s
95th percentile per-packet one-way delay: 48.633 ms
Loss rate: 21.60%

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

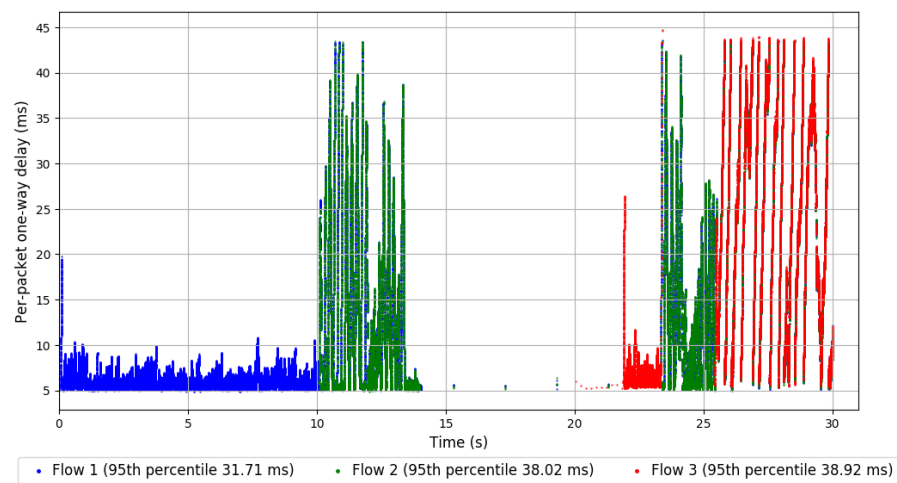
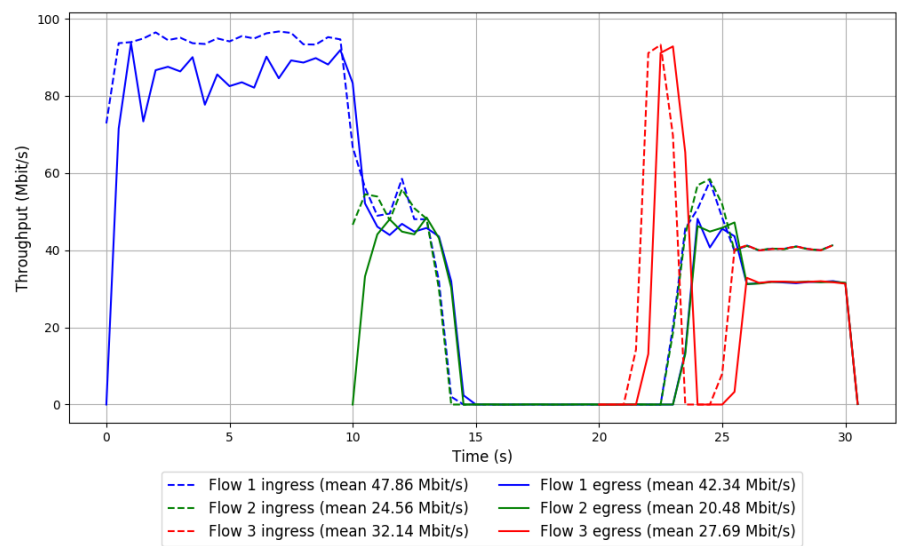


Run 10: Statistics of TaoVA-100x

Start at: 2018-08-01 10:48:59
End at: 2018-08-01 10:49:29
Local clock offset: 3.268 ms
Remote clock offset: -15.708 ms

Below is generated by plot.py at 2018-08-01 11:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.19 Mbit/s
95th percentile per-packet one-way delay: 35.257 ms
Loss rate: 12.96%
-- Flow 1:
Average throughput: 42.34 Mbit/s
95th percentile per-packet one-way delay: 31.707 ms
Loss rate: 11.51%
-- Flow 2:
Average throughput: 20.48 Mbit/s
95th percentile per-packet one-way delay: 38.024 ms
Loss rate: 16.62%
-- Flow 3:
Average throughput: 27.69 Mbit/s
95th percentile per-packet one-way delay: 38.925 ms
Loss rate: 13.81%

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

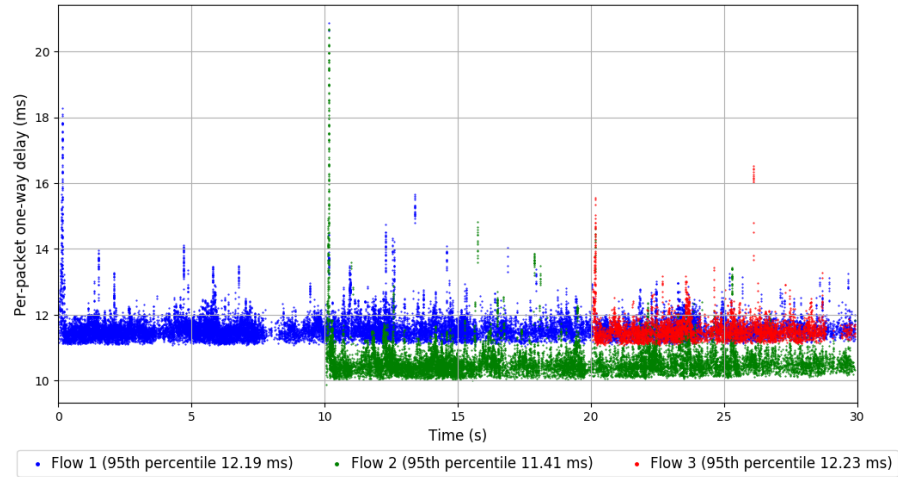
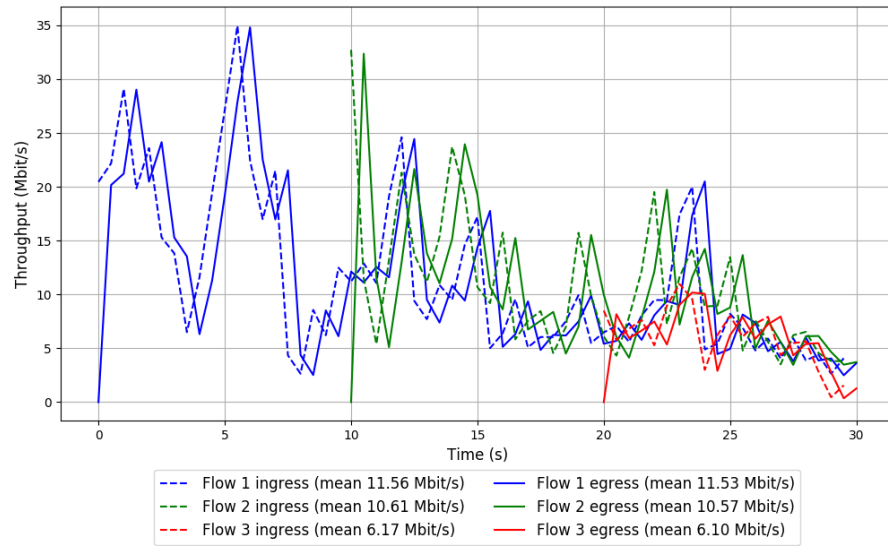


Run 1: Statistics of TCP Vegas

Start at: 2018-08-01 07:44:31
End at: 2018-08-01 07:45:01
Local clock offset: -0.239 ms
Remote clock offset: -11.676 ms

Below is generated by plot.py at 2018-08-01 11:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 20.57 Mbit/s
95th percentile per-packet one-way delay: 12.098 ms
Loss rate: 0.64%
-- Flow 1:
Average throughput: 11.53 Mbit/s
95th percentile per-packet one-way delay: 12.189 ms
Loss rate: 0.55%
-- Flow 2:
Average throughput: 10.57 Mbit/s
95th percentile per-packet one-way delay: 11.407 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 6.10 Mbit/s
95th percentile per-packet one-way delay: 12.229 ms
Loss rate: 1.45%

Run 1: Report of TCP Vegas — Data Link

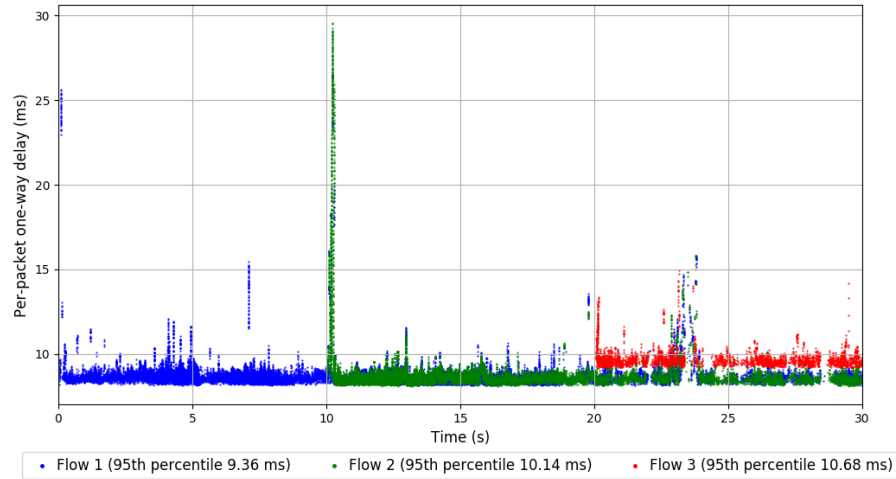
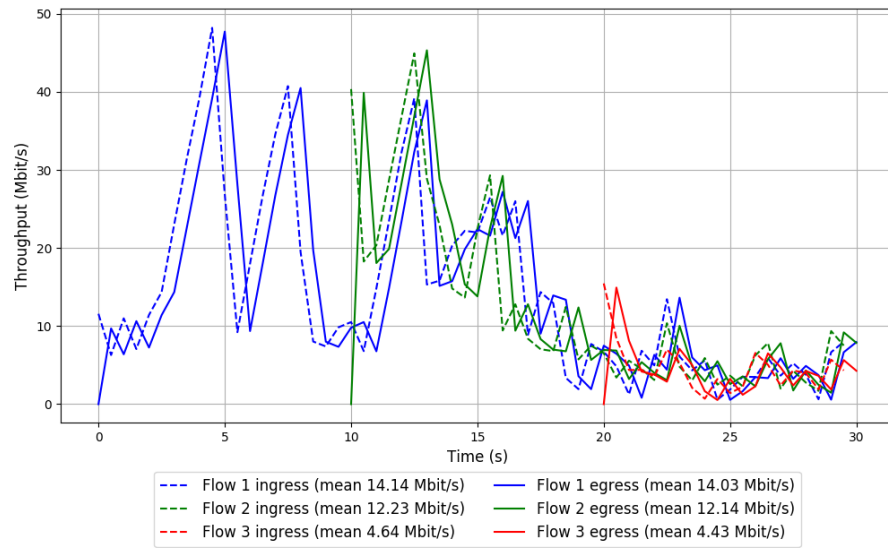


Run 2: Statistics of TCP Vegas

Start at: 2018-08-01 08:04:11
End at: 2018-08-01 08:04:41
Local clock offset: 0.533 ms
Remote clock offset: -4.788 ms

Below is generated by plot.py at 2018-08-01 11:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 23.59 Mbit/s
95th percentile per-packet one-way delay: 9.846 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 14.03 Mbit/s
95th percentile per-packet one-way delay: 9.362 ms
Loss rate: 0.76%
-- Flow 2:
Average throughput: 12.14 Mbit/s
95th percentile per-packet one-way delay: 10.143 ms
Loss rate: 0.74%
-- Flow 3:
Average throughput: 4.43 Mbit/s
95th percentile per-packet one-way delay: 10.682 ms
Loss rate: 4.50%

Run 2: Report of TCP Vegas — Data Link

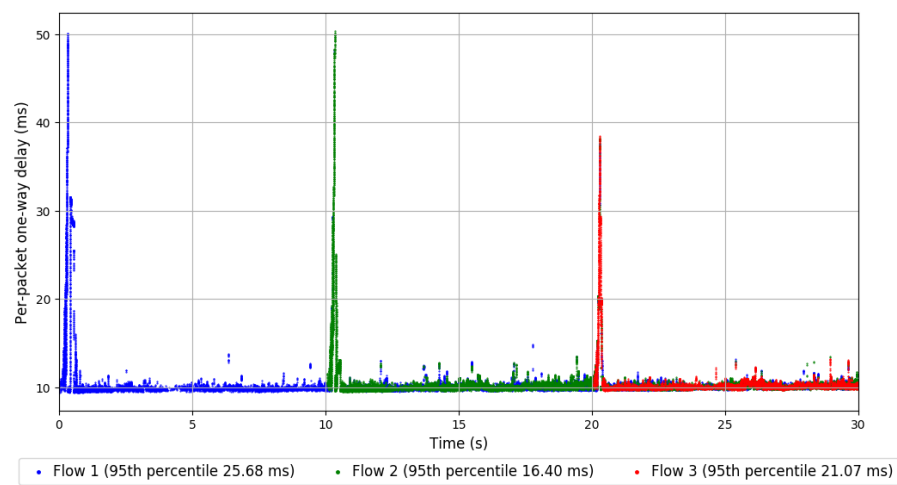
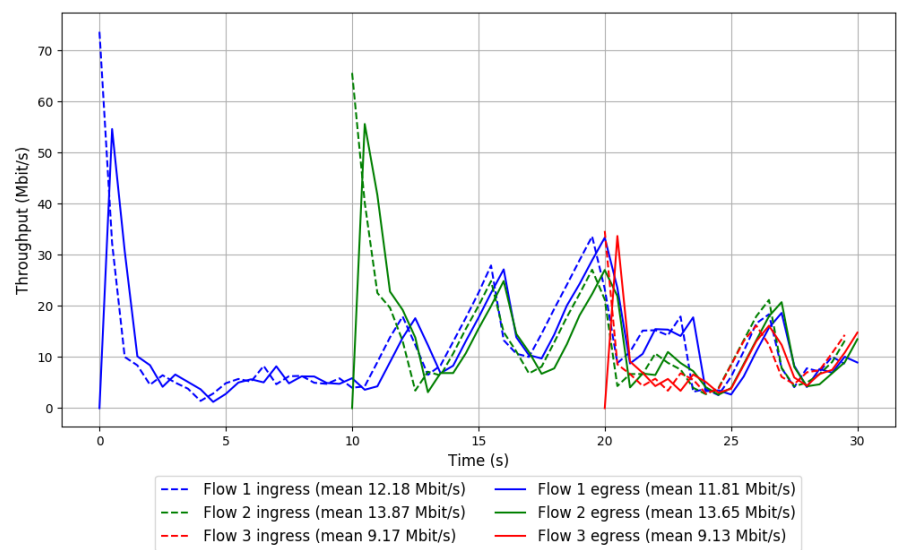


Run 3: Statistics of TCP Vegas

Start at: 2018-08-01 08:23:43
End at: 2018-08-01 08:24:13
Local clock offset: 0.014 ms
Remote clock offset: -4.628 ms

Below is generated by plot.py at 2018-08-01 11:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 23.92 Mbit/s
95th percentile per-packet one-way delay: 20.090 ms
Loss rate: 2.18%
-- Flow 1:
Average throughput: 11.81 Mbit/s
95th percentile per-packet one-way delay: 25.676 ms
Loss rate: 3.05%
-- Flow 2:
Average throughput: 13.65 Mbit/s
95th percentile per-packet one-way delay: 16.402 ms
Loss rate: 1.58%
-- Flow 3:
Average throughput: 9.13 Mbit/s
95th percentile per-packet one-way delay: 21.065 ms
Loss rate: 0.50%

Run 3: Report of TCP Vegas — Data Link

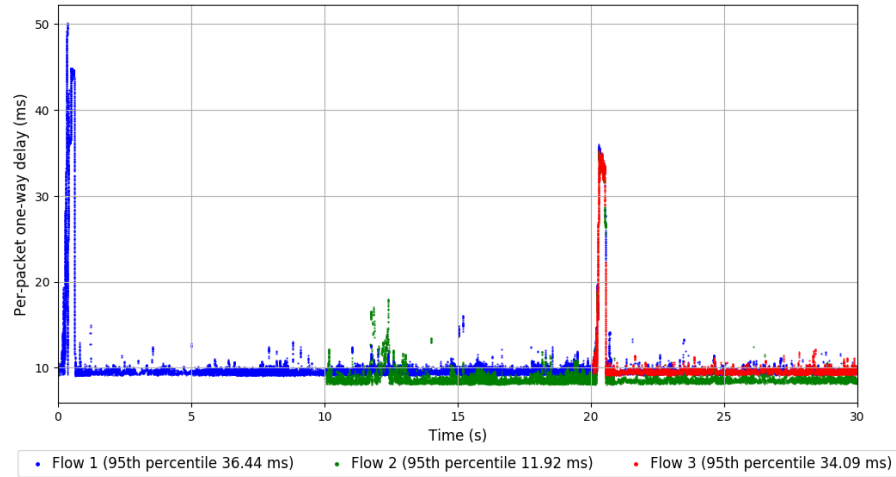
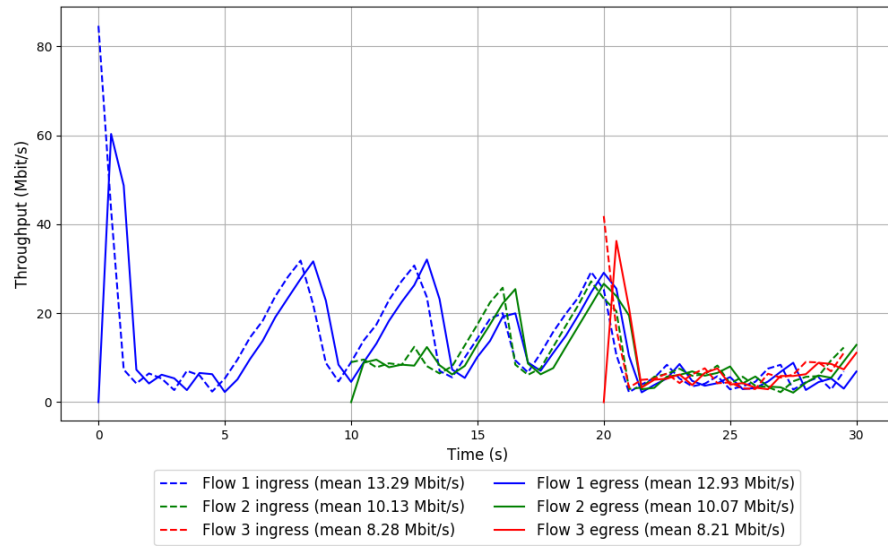


Run 4: Statistics of TCP Vegas

Start at: 2018-08-01 08:43:18
End at: 2018-08-01 08:43:48
Local clock offset: 1.675 ms
Remote clock offset: -10.362 ms

Below is generated by plot.py at 2018-08-01 11:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.36 Mbit/s
95th percentile per-packet one-way delay: 34.009 ms
Loss rate: 1.89%
-- Flow 1:
Average throughput: 12.93 Mbit/s
95th percentile per-packet one-way delay: 36.442 ms
Loss rate: 2.72%
-- Flow 2:
Average throughput: 10.07 Mbit/s
95th percentile per-packet one-way delay: 11.918 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 8.21 Mbit/s
95th percentile per-packet one-way delay: 34.089 ms
Loss rate: 0.90%

Run 4: Report of TCP Vegas — Data Link

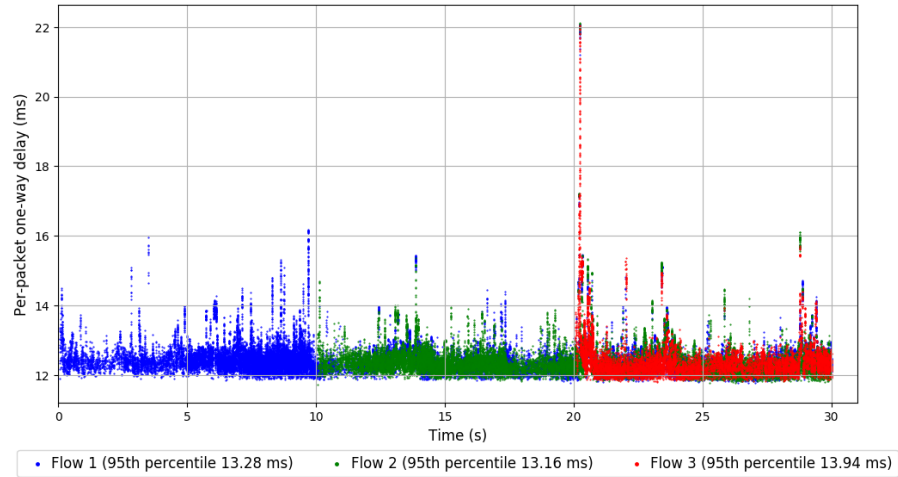
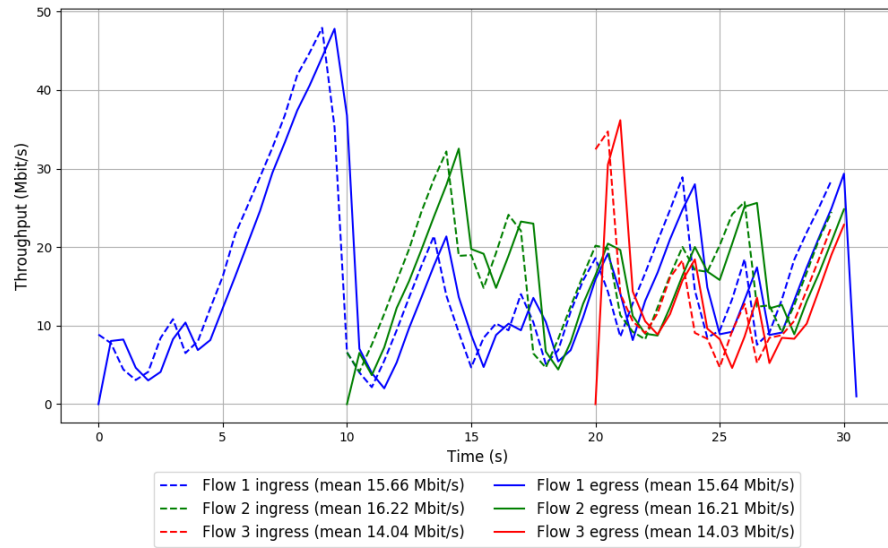


Run 5: Statistics of TCP Vegas

Start at: 2018-08-01 09:03:49
End at: 2018-08-01 09:04:19
Local clock offset: 1.272 ms
Remote clock offset: -6.355 ms

```
# Below is generated by plot.py at 2018-08-01 11:21:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 31.09 Mbit/s
95th percentile per-packet one-way delay: 13.310 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 15.64 Mbit/s
95th percentile per-packet one-way delay: 13.276 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 16.21 Mbit/s
95th percentile per-packet one-way delay: 13.156 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 14.03 Mbit/s
95th percentile per-packet one-way delay: 13.935 ms
Loss rate: 0.10%
```

Run 5: Report of TCP Vegas — Data Link

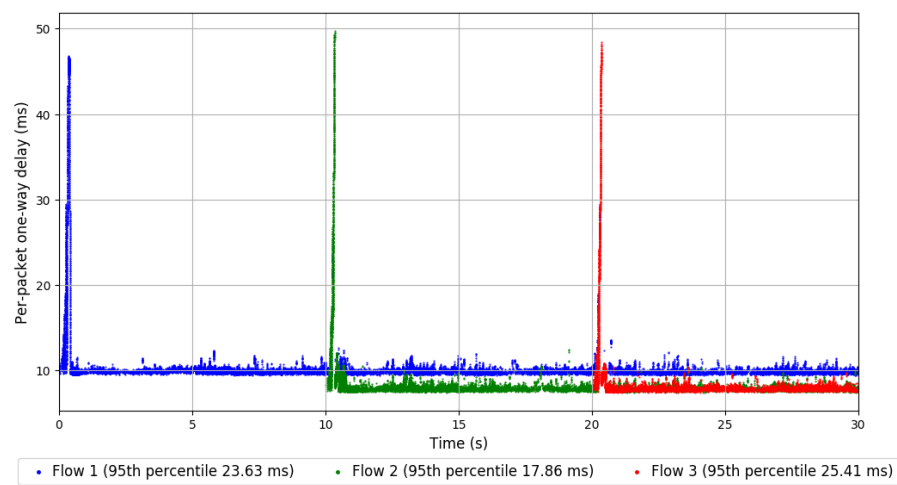
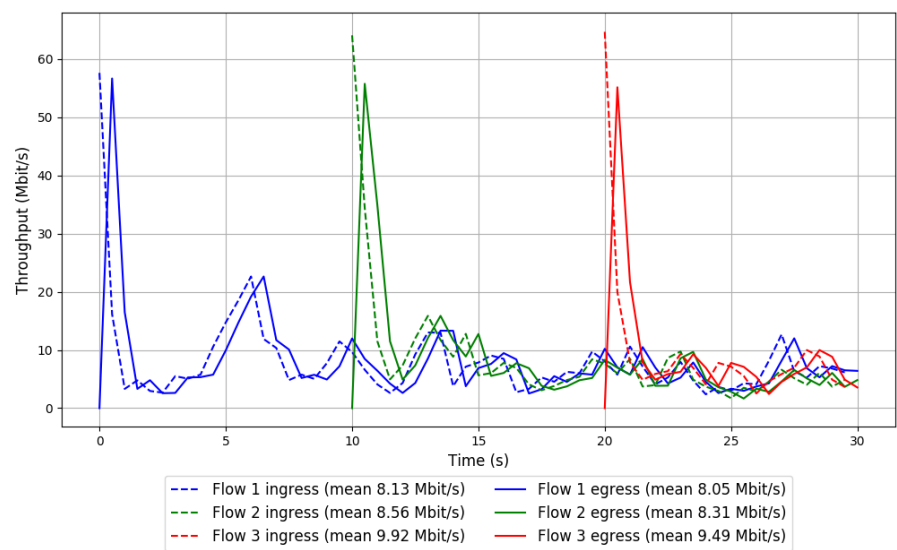


Run 6: Statistics of TCP Vegas

Start at: 2018-08-01 09:23:53
End at: 2018-08-01 09:24:23
Local clock offset: 1.784 ms
Remote clock offset: -5.044 ms

```
# Below is generated by plot.py at 2018-08-01 11:21:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 16.73 Mbit/s
95th percentile per-packet one-way delay: 22.528 ms
Loss rate: 2.33%
-- Flow 1:
Average throughput: 8.05 Mbit/s
95th percentile per-packet one-way delay: 23.626 ms
Loss rate: 1.02%
-- Flow 2:
Average throughput: 8.31 Mbit/s
95th percentile per-packet one-way delay: 17.861 ms
Loss rate: 3.00%
-- Flow 3:
Average throughput: 9.49 Mbit/s
95th percentile per-packet one-way delay: 25.412 ms
Loss rate: 4.41%
```


Run 6: Report of TCP Vegas — Data Link

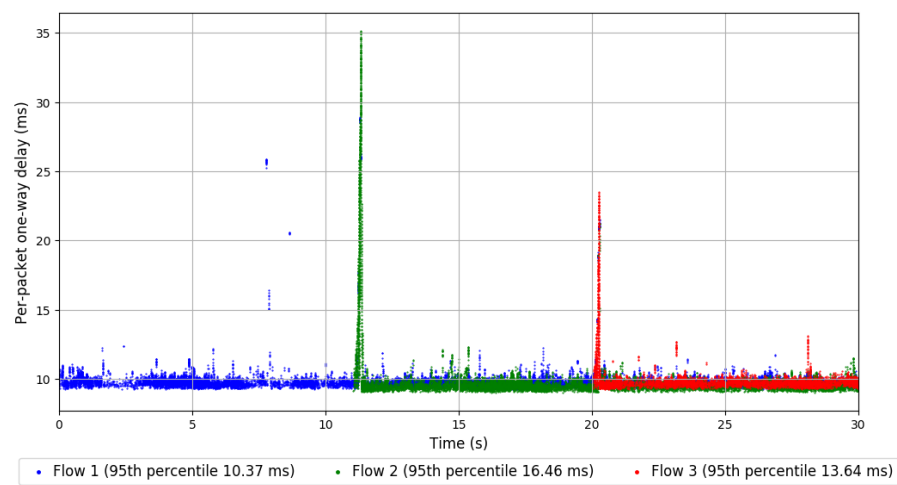
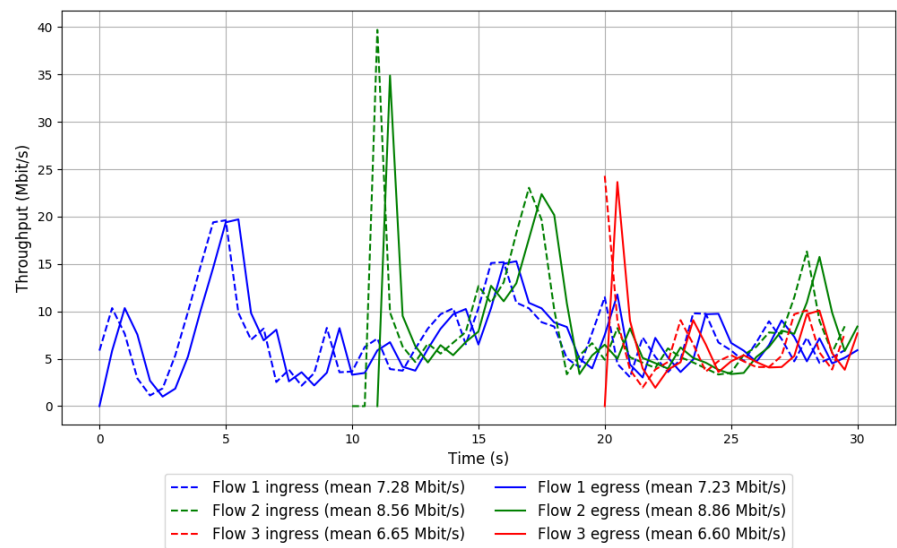


Run 7: Statistics of TCP Vegas

Start at: 2018-08-01 09:43:50
End at: 2018-08-01 09:44:20
Local clock offset: 0.463 ms
Remote clock offset: -5.574 ms

Below is generated by plot.py at 2018-08-01 11:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 15.02 Mbit/s
95th percentile per-packet one-way delay: 11.111 ms
Loss rate: 1.05%
-- Flow 1:
Average throughput: 7.23 Mbit/s
95th percentile per-packet one-way delay: 10.368 ms
Loss rate: 0.61%
-- Flow 2:
Average throughput: 8.86 Mbit/s
95th percentile per-packet one-way delay: 16.465 ms
Loss rate: 1.74%
-- Flow 3:
Average throughput: 6.60 Mbit/s
95th percentile per-packet one-way delay: 13.637 ms
Loss rate: 0.74%

Run 7: Report of TCP Vegas — Data Link

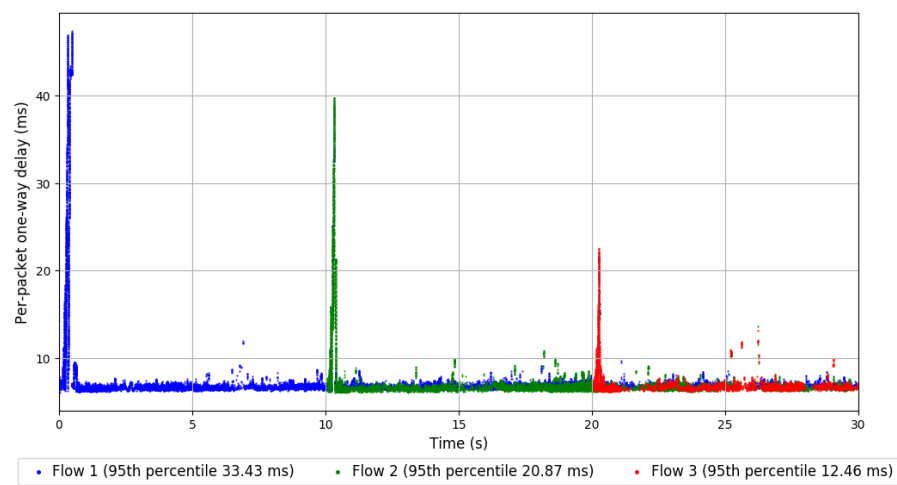
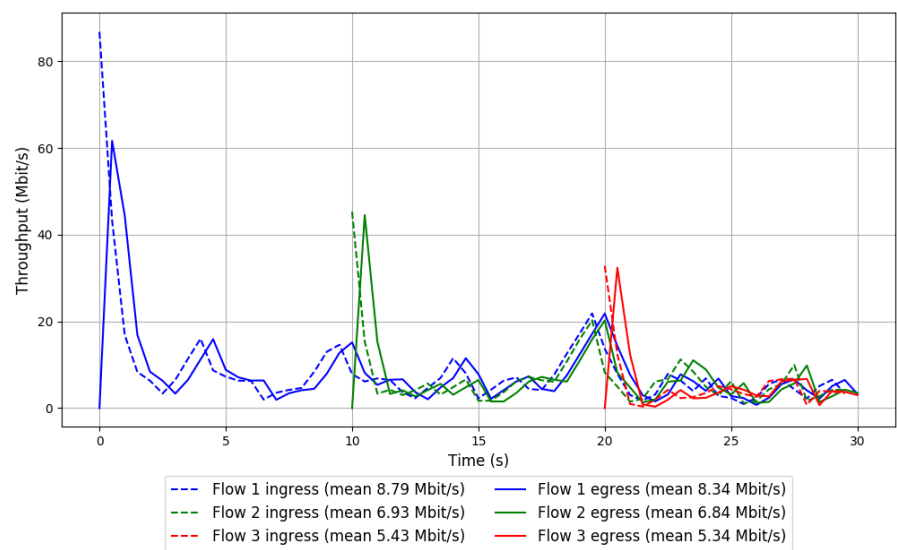


Run 8: Statistics of TCP Vegas

Start at: 2018-08-01 10:04:04
End at: 2018-08-01 10:04:34
Local clock offset: 1.963 ms
Remote clock offset: -8.105 ms

Below is generated by plot.py at 2018-08-01 11:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 14.62 Mbit/s
95th percentile per-packet one-way delay: 23.251 ms
Loss rate: 3.65%
-- Flow 1:
Average throughput: 8.34 Mbit/s
95th percentile per-packet one-way delay: 33.426 ms
Loss rate: 5.20%
-- Flow 2:
Average throughput: 6.84 Mbit/s
95th percentile per-packet one-way delay: 20.870 ms
Loss rate: 1.46%
-- Flow 3:
Average throughput: 5.34 Mbit/s
95th percentile per-packet one-way delay: 12.456 ms
Loss rate: 1.69%

Run 8: Report of TCP Vegas — Data Link

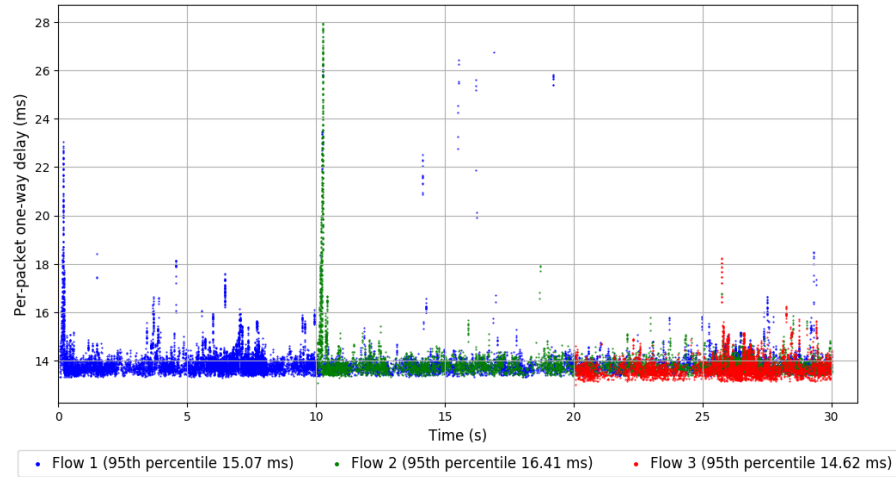
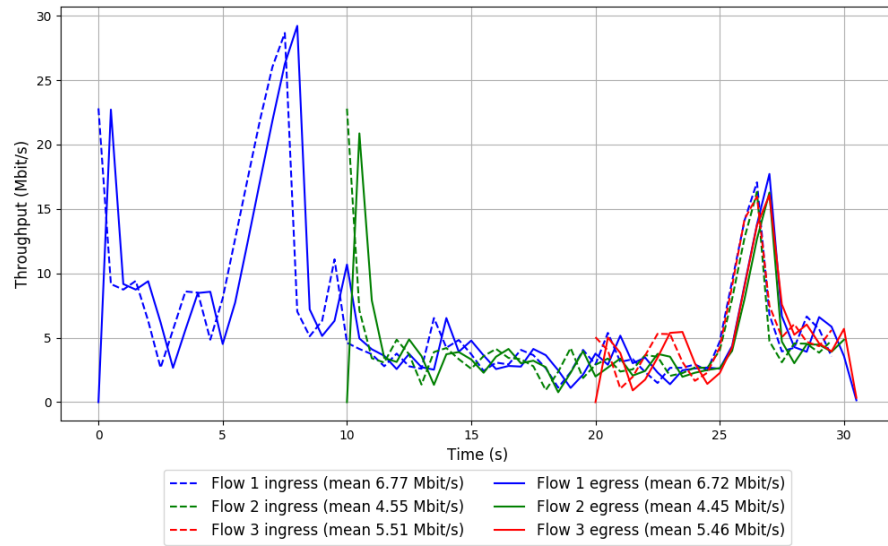


Run 9: Statistics of TCP Vegas

Start at: 2018-08-01 10:24:03
End at: 2018-08-01 10:24:33
Local clock offset: -3.366 ms
Remote clock offset: -11.691 ms

Below is generated by plot.py at 2018-08-01 11:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 11.49 Mbit/s
95th percentile per-packet one-way delay: 15.080 ms
Loss rate: 1.21%
-- Flow 1:
Average throughput: 6.72 Mbit/s
95th percentile per-packet one-way delay: 15.066 ms
Loss rate: 0.79%
-- Flow 2:
Average throughput: 4.45 Mbit/s
95th percentile per-packet one-way delay: 16.410 ms
Loss rate: 2.27%
-- Flow 3:
Average throughput: 5.46 Mbit/s
95th percentile per-packet one-way delay: 14.615 ms
Loss rate: 1.00%

Run 9: Report of TCP Vegas — Data Link

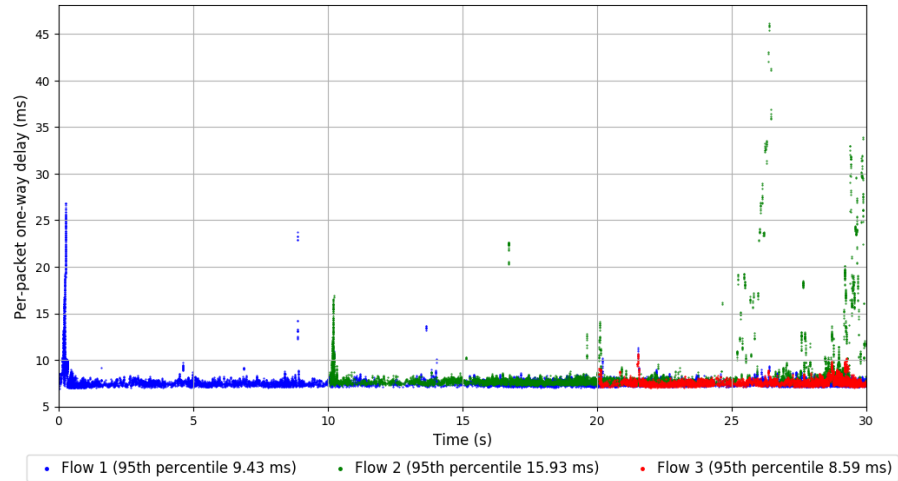
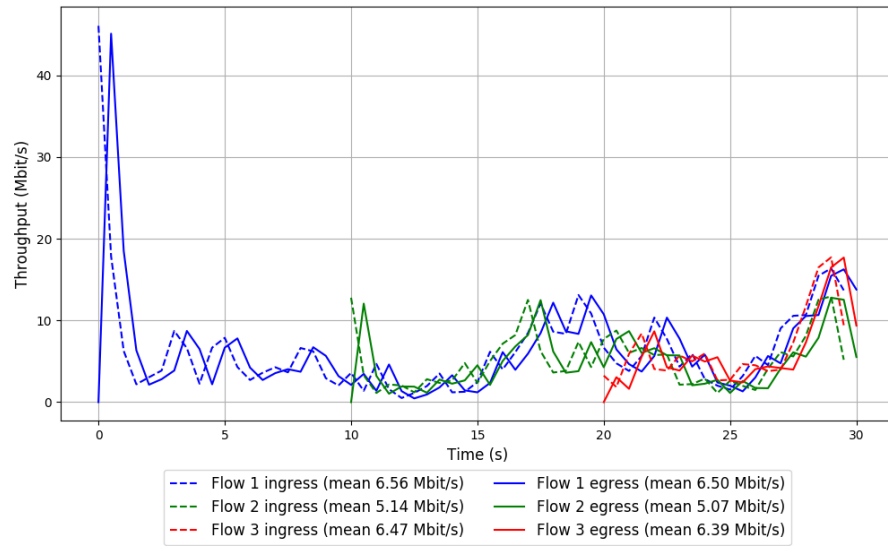


Run 10: Statistics of TCP Vegas

Start at: 2018-08-01 10:44:10
End at: 2018-08-01 10:44:40
Local clock offset: 0.684 ms
Remote clock offset: -15.562 ms

Below is generated by plot.py at 2018-08-01 11:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 12.00 Mbit/s
95th percentile per-packet one-way delay: 9.851 ms
Loss rate: 1.12%
-- Flow 1:
Average throughput: 6.50 Mbit/s
95th percentile per-packet one-way delay: 9.431 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 5.07 Mbit/s
95th percentile per-packet one-way delay: 15.931 ms
Loss rate: 1.49%
-- Flow 3:
Average throughput: 6.39 Mbit/s
95th percentile per-packet one-way delay: 8.593 ms
Loss rate: 1.21%

Run 10: Report of TCP Vegas — Data Link

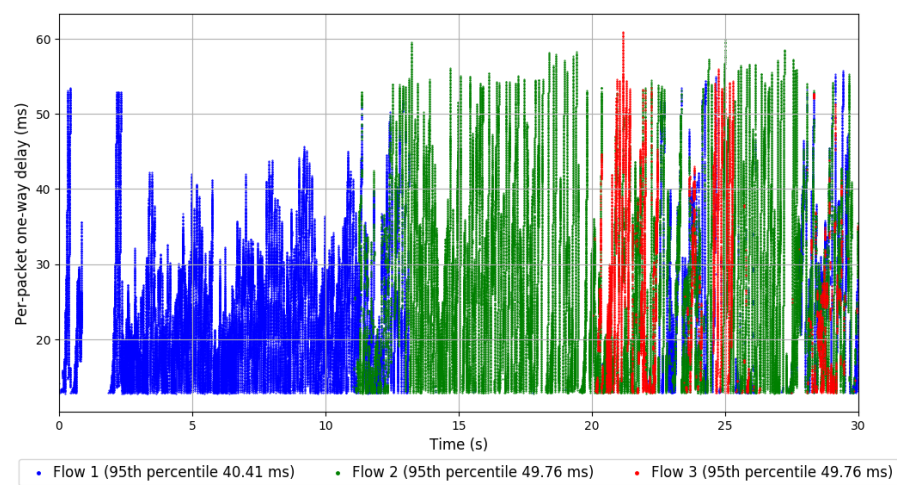
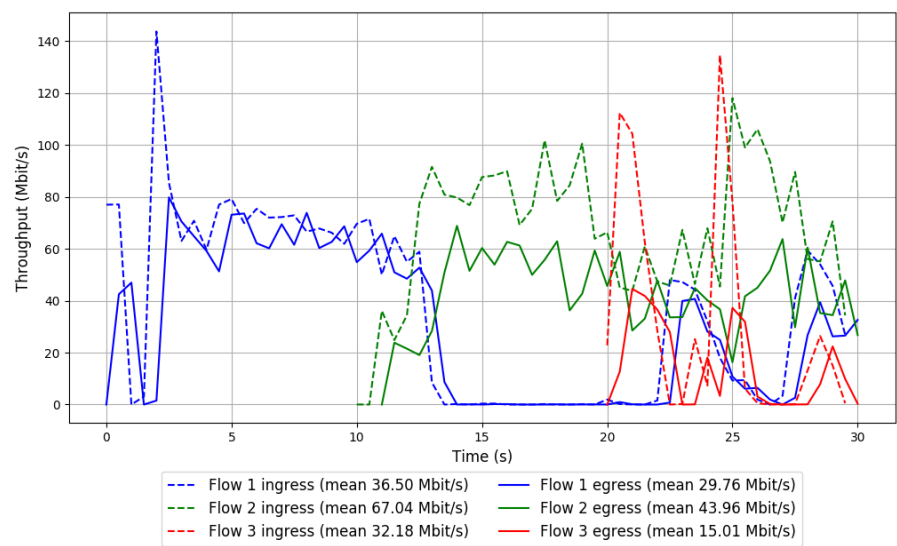


Run 1: Statistics of Verus

Start at: 2018-08-01 07:45:38
End at: 2018-08-01 07:46:08
Local clock offset: -1.848 ms
Remote clock offset: -11.679 ms

Below is generated by plot.py at 2018-08-01 11:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.50 Mbit/s
95th percentile per-packet one-way delay: 47.124 ms
Loss rate: 31.83%
-- Flow 1:
Average throughput: 29.76 Mbit/s
95th percentile per-packet one-way delay: 40.405 ms
Loss rate: 18.43%
-- Flow 2:
Average throughput: 43.96 Mbit/s
95th percentile per-packet one-way delay: 49.759 ms
Loss rate: 37.66%
-- Flow 3:
Average throughput: 15.01 Mbit/s
95th percentile per-packet one-way delay: 49.757 ms
Loss rate: 53.30%

Run 1: Report of Verus — Data Link

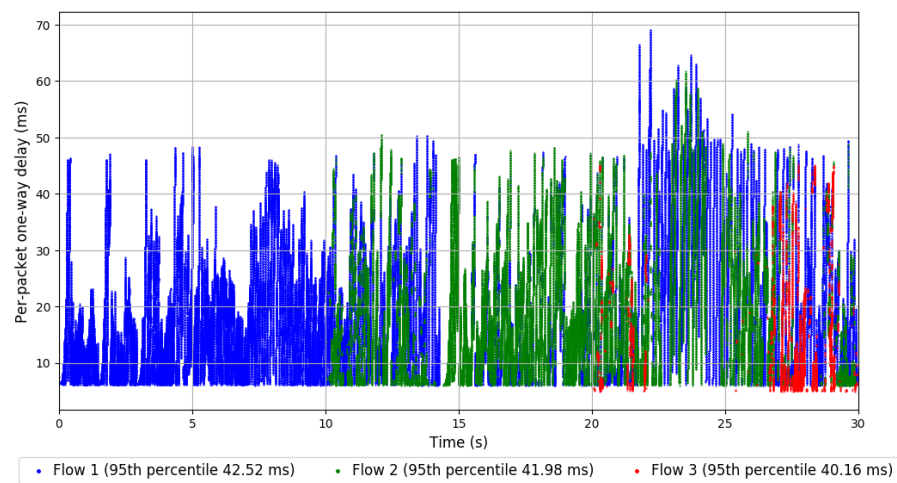
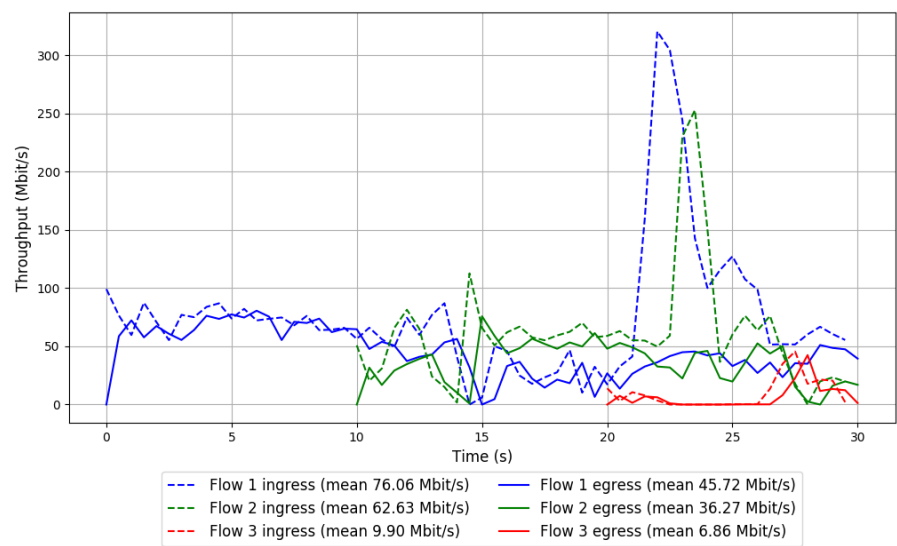


Run 2: Statistics of Verus

Start at: 2018-08-01 08:05:17
End at: 2018-08-01 08:05:47
Local clock offset: 1.442 ms
Remote clock offset: -6.821 ms

Below is generated by plot.py at 2018-08-01 11:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.06 Mbit/s
95th percentile per-packet one-way delay: 42.252 ms
Loss rate: 40.42%
-- Flow 1:
Average throughput: 45.72 Mbit/s
95th percentile per-packet one-way delay: 42.525 ms
Loss rate: 39.89%
-- Flow 2:
Average throughput: 36.27 Mbit/s
95th percentile per-packet one-way delay: 41.983 ms
Loss rate: 42.14%
-- Flow 3:
Average throughput: 6.86 Mbit/s
95th percentile per-packet one-way delay: 40.158 ms
Loss rate: 30.86%

Run 2: Report of Verus — Data Link

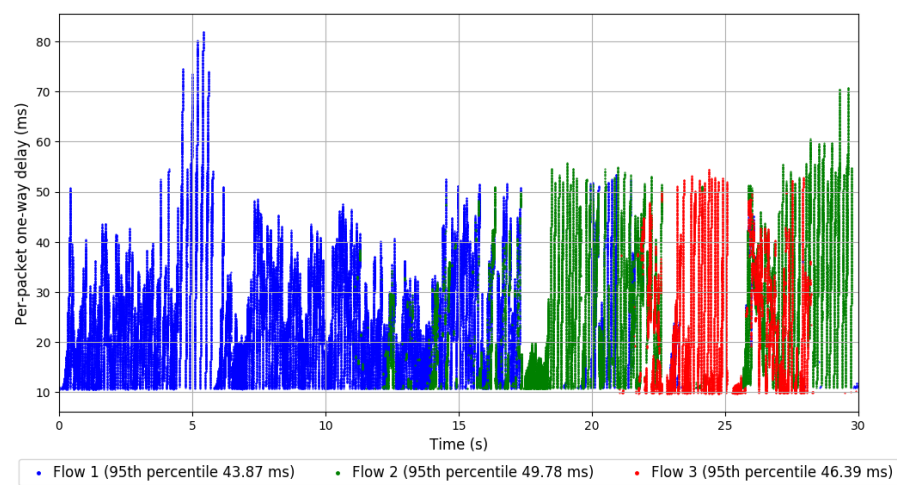
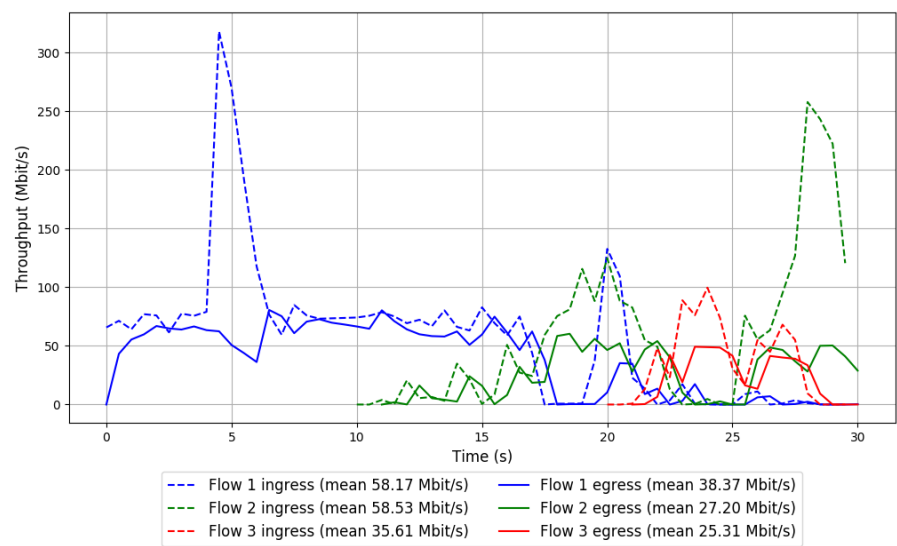


Run 3: Statistics of Verus

Start at: 2018-08-01 08:24:49
End at: 2018-08-01 08:25:19
Local clock offset: 0.25 ms
Remote clock offset: -4.926 ms

Below is generated by plot.py at 2018-08-01 11:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.91 Mbit/s
95th percentile per-packet one-way delay: 46.610 ms
Loss rate: 42.01%
-- Flow 1:
Average throughput: 38.37 Mbit/s
95th percentile per-packet one-way delay: 43.867 ms
Loss rate: 34.04%
-- Flow 2:
Average throughput: 27.20 Mbit/s
95th percentile per-packet one-way delay: 49.782 ms
Loss rate: 55.83%
-- Flow 3:
Average throughput: 25.31 Mbit/s
95th percentile per-packet one-way delay: 46.391 ms
Loss rate: 36.11%

Run 3: Report of Verus — Data Link

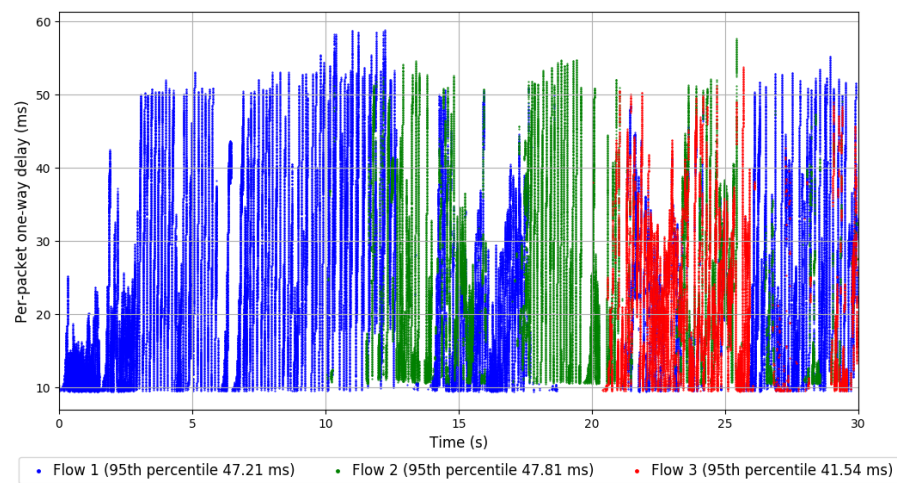
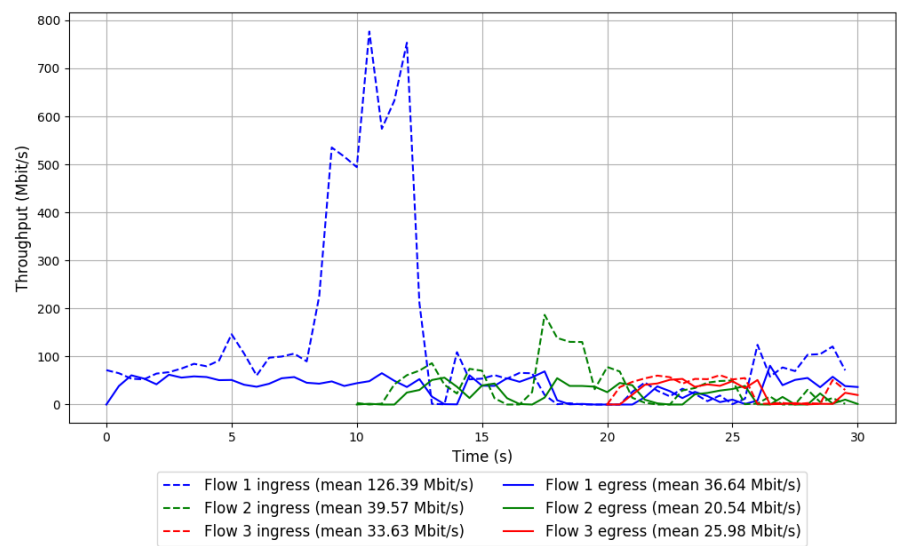


Run 4: Statistics of Verus

Start at: 2018-08-01 08:44:25
End at: 2018-08-01 08:44:55
Local clock offset: -0.397 ms
Remote clock offset: -11.147 ms

Below is generated by plot.py at 2018-08-01 11:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 58.87 Mbit/s
95th percentile per-packet one-way delay: 46.841 ms
Loss rate: 64.04%
-- Flow 1:
Average throughput: 36.64 Mbit/s
95th percentile per-packet one-way delay: 47.211 ms
Loss rate: 71.00%
-- Flow 2:
Average throughput: 20.54 Mbit/s
95th percentile per-packet one-way delay: 47.813 ms
Loss rate: 48.05%
-- Flow 3:
Average throughput: 25.98 Mbit/s
95th percentile per-packet one-way delay: 41.542 ms
Loss rate: 22.89%

Run 4: Report of Verus — Data Link

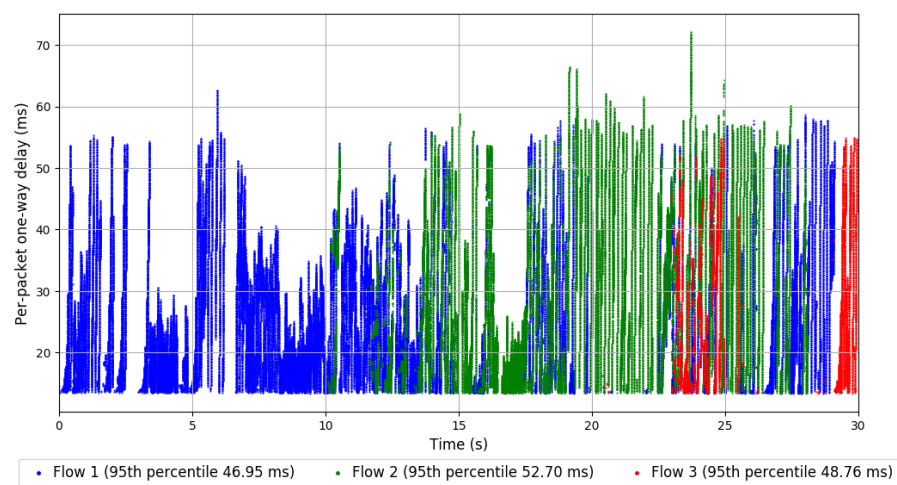
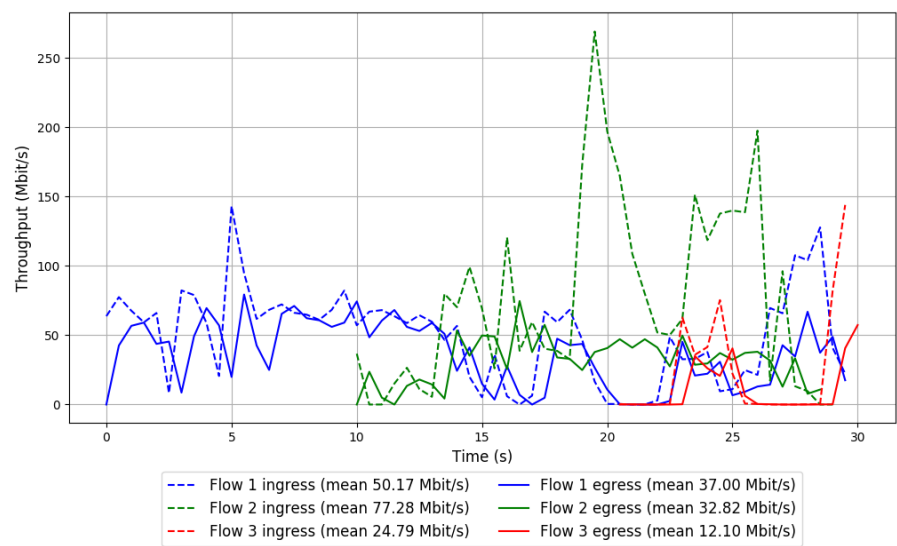


Run 5: Statistics of Verus

Start at: 2018-08-01 09:04:57
End at: 2018-08-01 09:05:27
Local clock offset: -0.855 ms
Remote clock offset: -5.306 ms

Below is generated by plot.py at 2018-08-01 11:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.57 Mbit/s
95th percentile per-packet one-way delay: 49.875 ms
Loss rate: 44.40%
-- Flow 1:
Average throughput: 37.00 Mbit/s
95th percentile per-packet one-way delay: 46.954 ms
Loss rate: 28.26%
-- Flow 2:
Average throughput: 32.82 Mbit/s
95th percentile per-packet one-way delay: 52.705 ms
Loss rate: 59.76%
-- Flow 3:
Average throughput: 12.10 Mbit/s
95th percentile per-packet one-way delay: 48.755 ms
Loss rate: 51.16%

Run 5: Report of Verus — Data Link

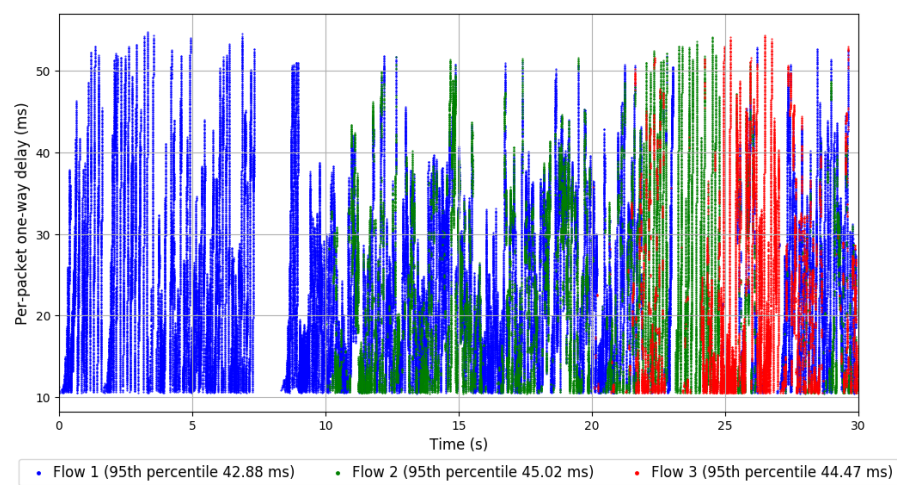
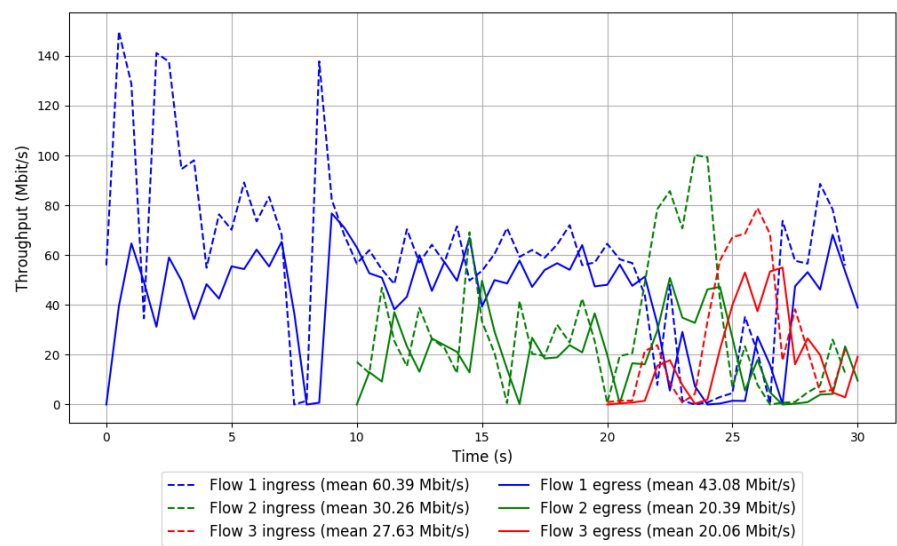


Run 6: Statistics of Verus

Start at: 2018-08-01 09:25:00
End at: 2018-08-01 09:25:30
Local clock offset: -0.682 ms
Remote clock offset: -6.28 ms

Below is generated by plot.py at 2018-08-01 11:21:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.21 Mbit/s
95th percentile per-packet one-way delay: 43.633 ms
Loss rate: 29.42%
-- Flow 1:
Average throughput: 43.08 Mbit/s
95th percentile per-packet one-way delay: 42.878 ms
Loss rate: 28.62%
-- Flow 2:
Average throughput: 20.39 Mbit/s
95th percentile per-packet one-way delay: 45.024 ms
Loss rate: 32.65%
-- Flow 3:
Average throughput: 20.06 Mbit/s
95th percentile per-packet one-way delay: 44.474 ms
Loss rate: 27.58%

Run 6: Report of Verus — Data Link

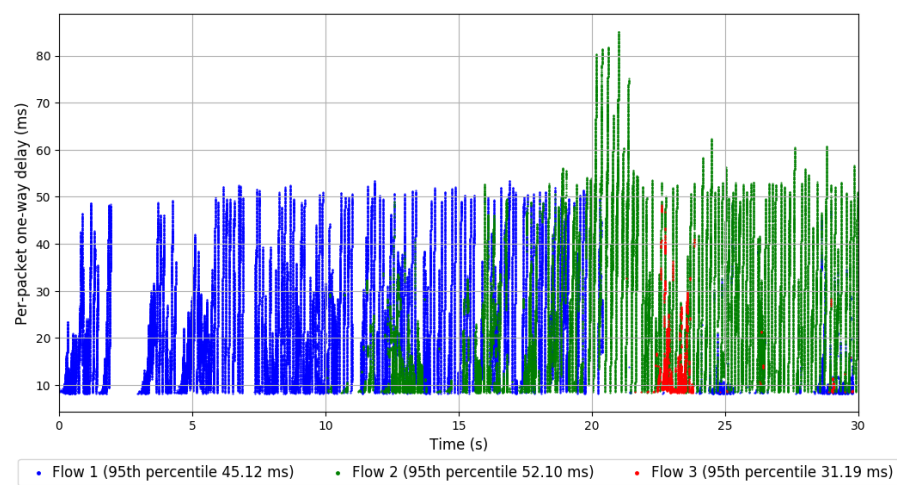
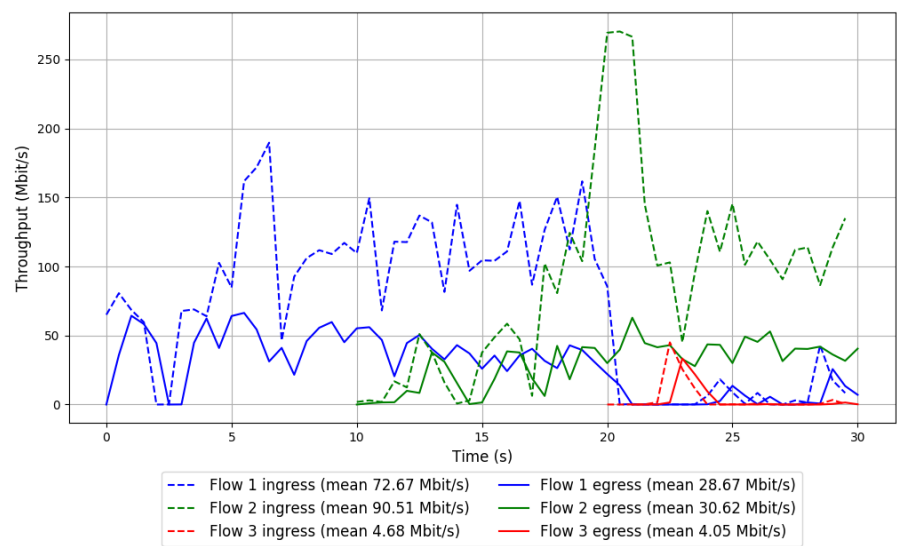


Run 7: Statistics of Verus

Start at: 2018-08-01 09:44:57
End at: 2018-08-01 09:45:27
Local clock offset: 0.558 ms
Remote clock offset: -6.384 ms

Below is generated by plot.py at 2018-08-01 11:21:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 50.04 Mbit/s
95th percentile per-packet one-way delay: 48.203 ms
Loss rate: 62.66%
-- Flow 1:
Average throughput: 28.67 Mbit/s
95th percentile per-packet one-way delay: 45.125 ms
Loss rate: 60.59%
-- Flow 2:
Average throughput: 30.62 Mbit/s
95th percentile per-packet one-way delay: 52.103 ms
Loss rate: 66.13%
-- Flow 3:
Average throughput: 4.05 Mbit/s
95th percentile per-packet one-way delay: 31.193 ms
Loss rate: 23.07%

Run 7: Report of Verus — Data Link

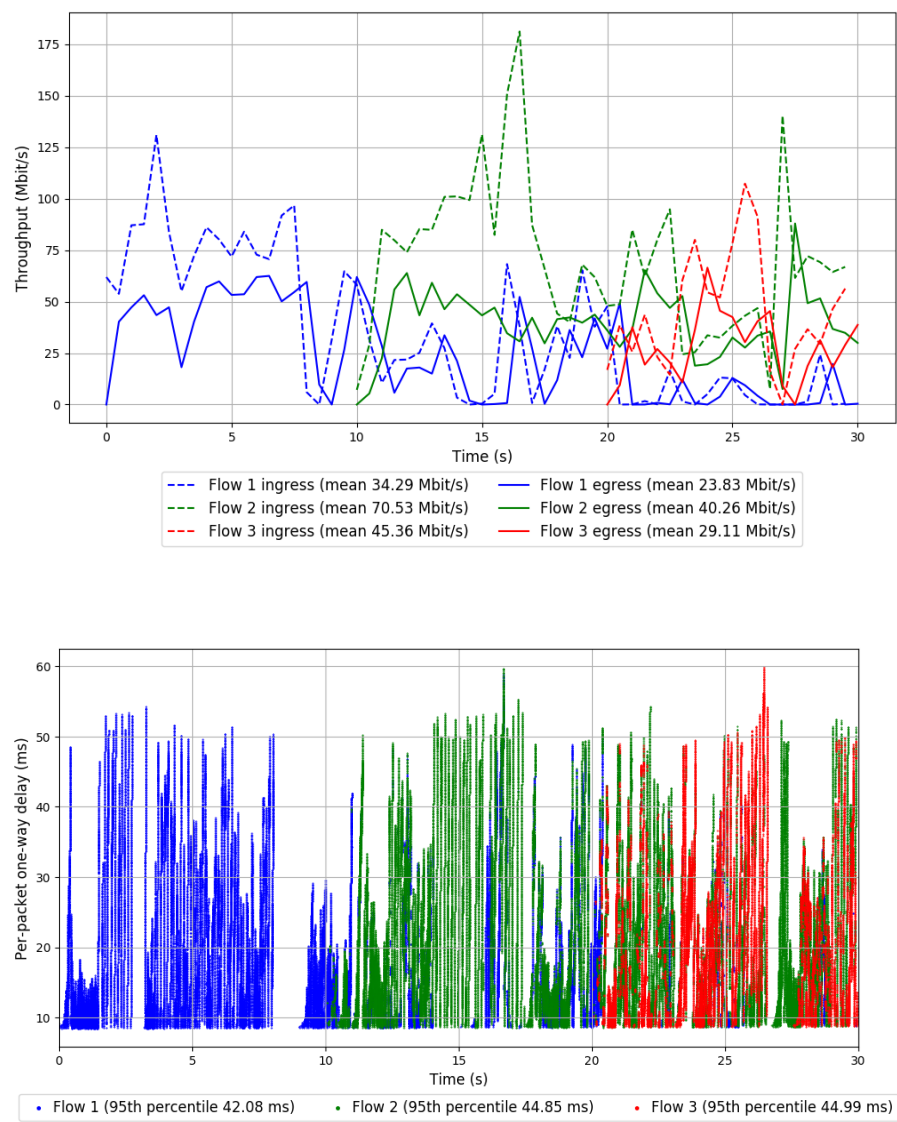


Run 8: Statistics of Verus

Start at: 2018-08-01 10:05:13
End at: 2018-08-01 10:05:43
Local clock offset: -0.053 ms
Remote clock offset: -8.506 ms

Below is generated by plot.py at 2018-08-01 11:21:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.19 Mbit/s
95th percentile per-packet one-way delay: 43.890 ms
Loss rate: 37.37%
-- Flow 1:
Average throughput: 23.83 Mbit/s
95th percentile per-packet one-way delay: 42.078 ms
Loss rate: 30.50%
-- Flow 2:
Average throughput: 40.26 Mbit/s
95th percentile per-packet one-way delay: 44.852 ms
Loss rate: 42.89%
-- Flow 3:
Average throughput: 29.11 Mbit/s
95th percentile per-packet one-way delay: 44.987 ms
Loss rate: 35.82%

Run 8: Report of Verus — Data Link

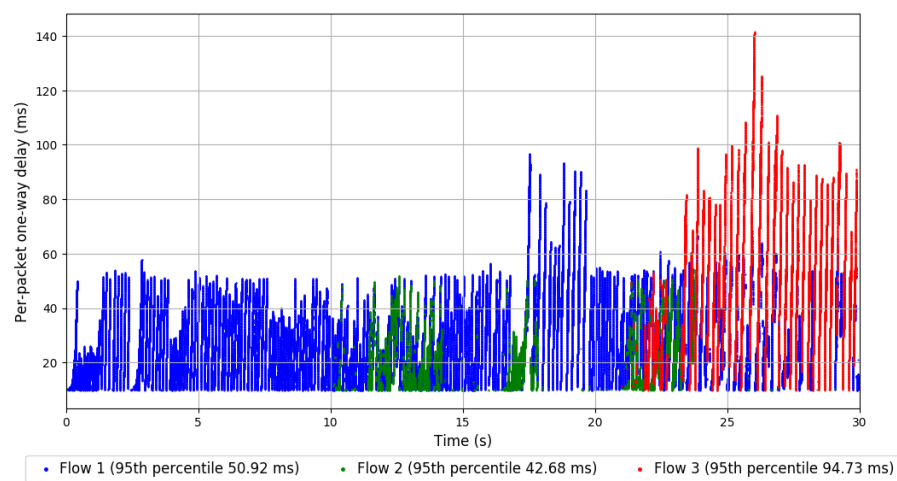
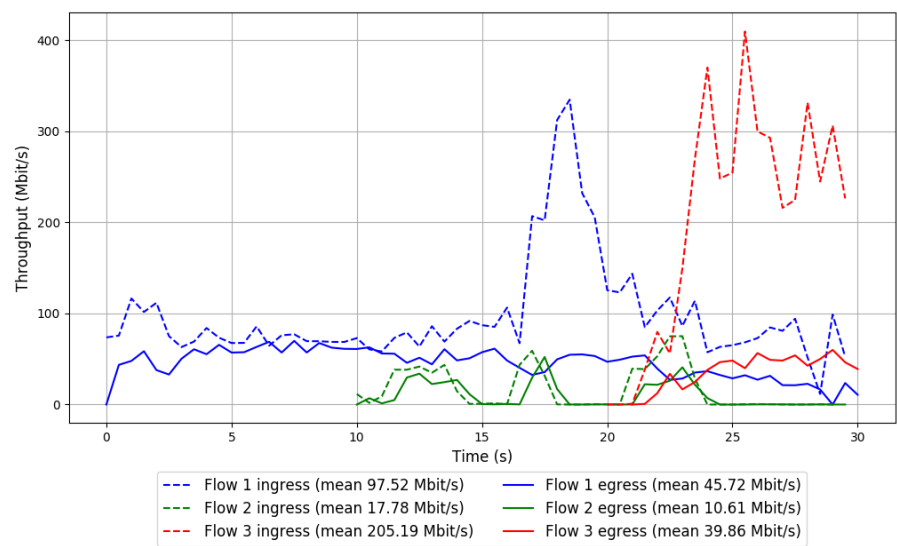


Run 9: Statistics of Verus

Start at: 2018-08-01 10:25:15
End at: 2018-08-01 10:25:45
Local clock offset: 0.552 ms
Remote clock offset: -11.377 ms

Below is generated by plot.py at 2018-08-01 11:22:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.26 Mbit/s
95th percentile per-packet one-way delay: 73.274 ms
Loss rate: 63.50%
-- Flow 1:
Average throughput: 45.72 Mbit/s
95th percentile per-packet one-way delay: 50.923 ms
Loss rate: 53.10%
-- Flow 2:
Average throughput: 10.61 Mbit/s
95th percentile per-packet one-way delay: 42.678 ms
Loss rate: 41.03%
-- Flow 3:
Average throughput: 39.86 Mbit/s
95th percentile per-packet one-way delay: 94.729 ms
Loss rate: 82.42%

Run 9: Report of Verus — Data Link

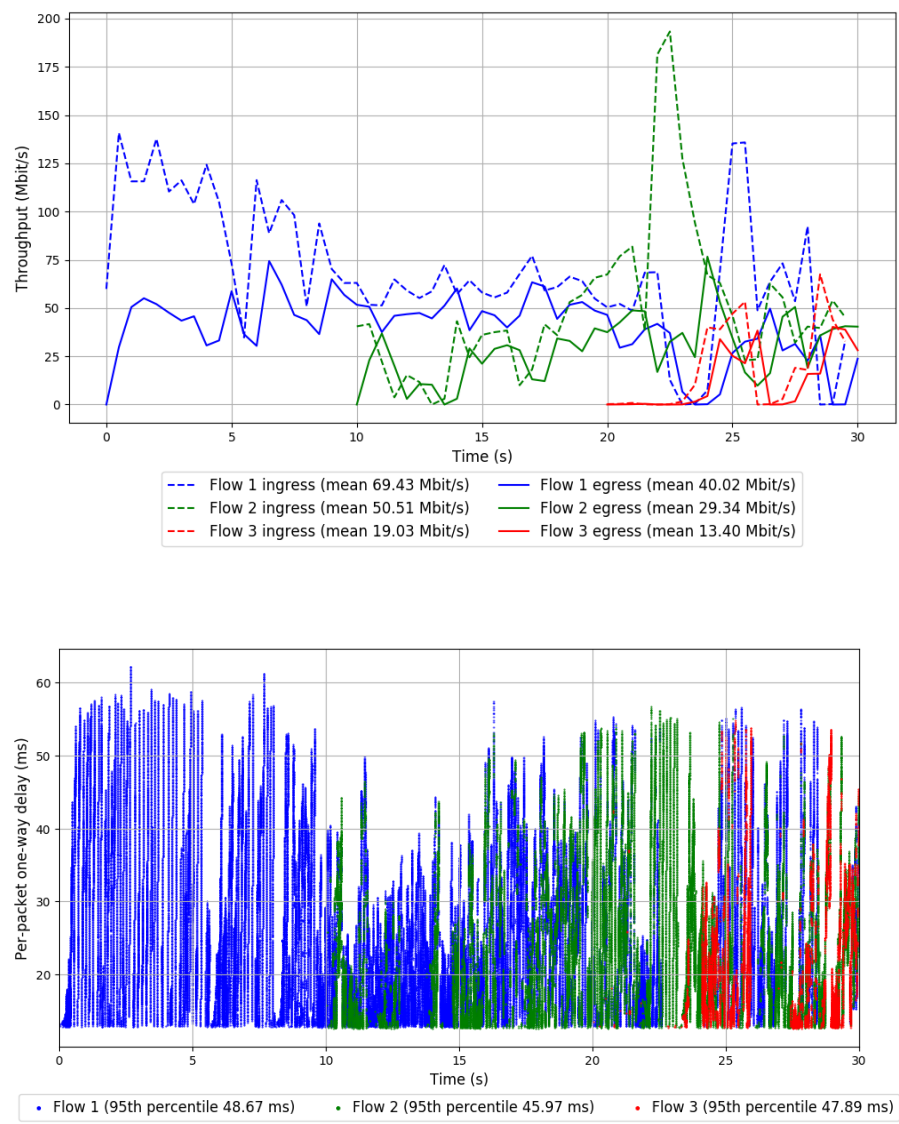


Run 10: Statistics of Verus

Start at: 2018-08-01 10:45:18
End at: 2018-08-01 10:45:48
Local clock offset: -2.142 ms
Remote clock offset: -12.998 ms

Below is generated by plot.py at 2018-08-01 11:22:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 63.98 Mbit/s
95th percentile per-packet one-way delay: 47.843 ms
Loss rate: 41.42%
-- Flow 1:
Average throughput: 40.02 Mbit/s
95th percentile per-packet one-way delay: 48.666 ms
Loss rate: 42.31%
-- Flow 2:
Average throughput: 29.34 Mbit/s
95th percentile per-packet one-way delay: 45.973 ms
Loss rate: 41.83%
-- Flow 3:
Average throughput: 13.40 Mbit/s
95th percentile per-packet one-way delay: 47.891 ms
Loss rate: 29.36%

Run 10: Report of Verus — Data Link

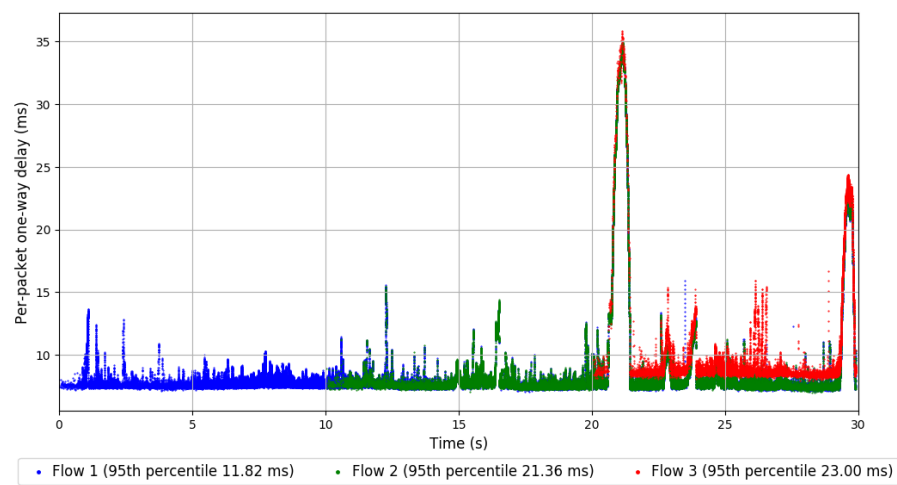
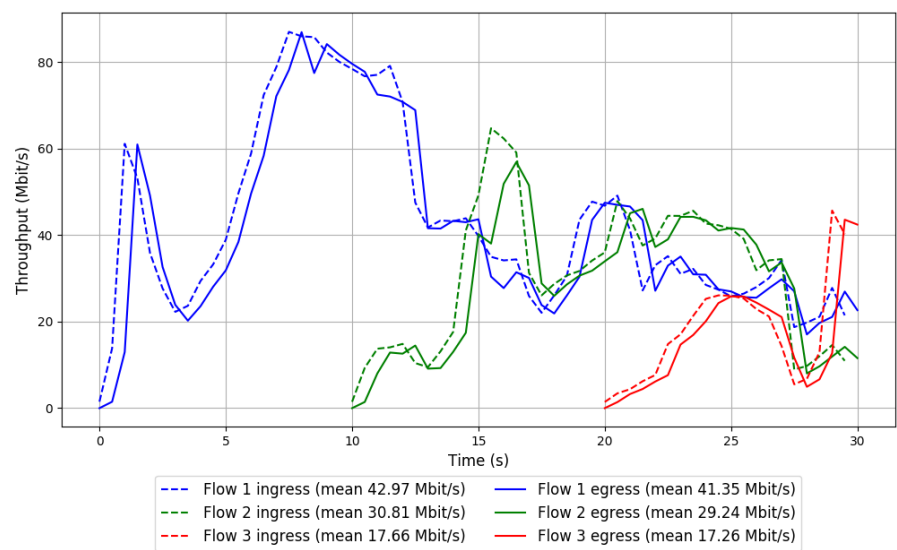


Run 1: Statistics of PCC-Vivace

Start at: 2018-08-01 07:54:59
End at: 2018-08-01 07:55:29
Local clock offset: 2.07 ms
Remote clock offset: -6.607 ms

Below is generated by plot.py at 2018-08-01 11:22:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.49 Mbit/s
95th percentile per-packet one-way delay: 16.248 ms
Loss rate: 4.04%
-- Flow 1:
Average throughput: 41.35 Mbit/s
95th percentile per-packet one-way delay: 11.822 ms
Loss rate: 3.77%
-- Flow 2:
Average throughput: 29.24 Mbit/s
95th percentile per-packet one-way delay: 21.360 ms
Loss rate: 5.10%
-- Flow 3:
Average throughput: 17.26 Mbit/s
95th percentile per-packet one-way delay: 23.000 ms
Loss rate: 2.26%

Run 1: Report of PCC-Vivace — Data Link

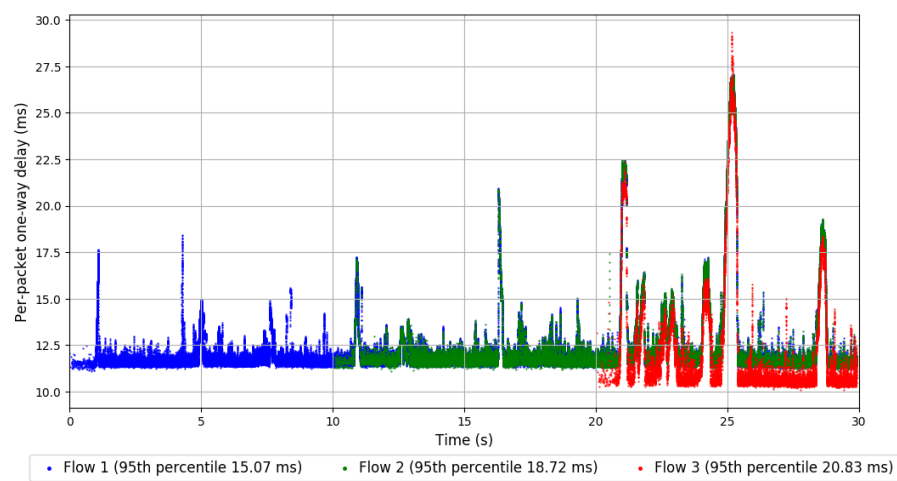
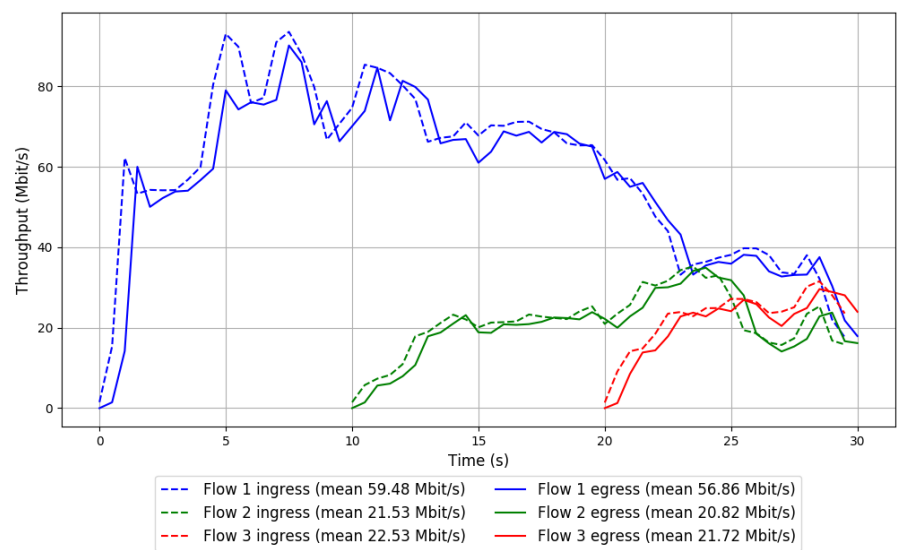


Run 2: Statistics of PCC-Vivace

Start at: 2018-08-01 08:14:34
End at: 2018-08-01 08:15:04
Local clock offset: -1.858 ms
Remote clock offset: -3.819 ms

Below is generated by plot.py at 2018-08-01 11:22:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.87 Mbit/s
95th percentile per-packet one-way delay: 16.144 ms
Loss rate: 4.14%
-- Flow 1:
Average throughput: 56.86 Mbit/s
95th percentile per-packet one-way delay: 15.067 ms
Loss rate: 4.41%
-- Flow 2:
Average throughput: 20.82 Mbit/s
95th percentile per-packet one-way delay: 18.716 ms
Loss rate: 3.32%
-- Flow 3:
Average throughput: 21.72 Mbit/s
95th percentile per-packet one-way delay: 20.832 ms
Loss rate: 3.61%

Run 2: Report of PCC-Vivace — Data Link

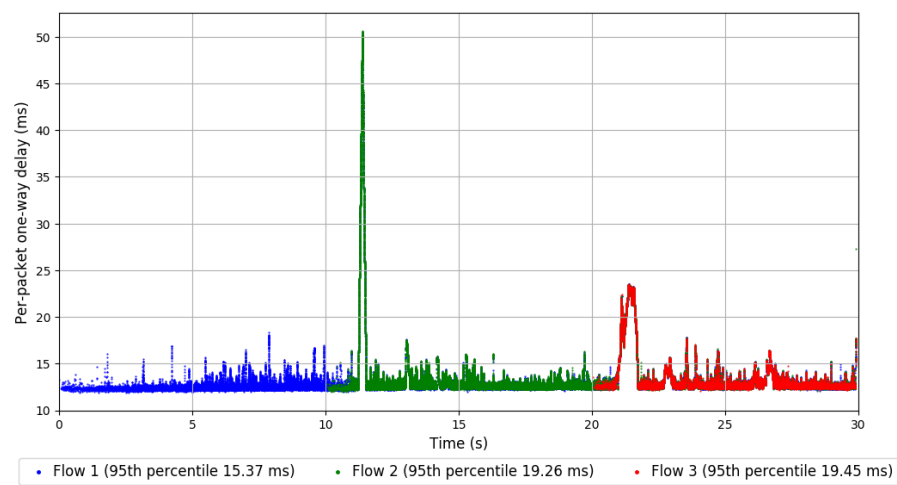
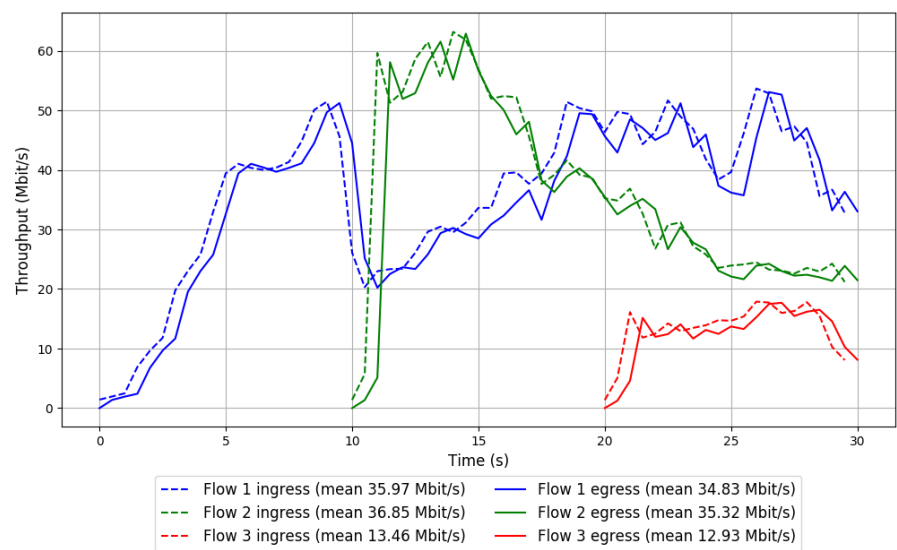


Run 3: Statistics of PCC-Vivace

Start at: 2018-08-01 08:34:09
End at: 2018-08-01 08:34:39
Local clock offset: -1.163 ms
Remote clock offset: -7.508 ms

Below is generated by plot.py at 2018-08-01 11:22:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.59 Mbit/s
95th percentile per-packet one-way delay: 16.795 ms
Loss rate: 3.56%
-- Flow 1:
Average throughput: 34.83 Mbit/s
95th percentile per-packet one-way delay: 15.371 ms
Loss rate: 3.16%
-- Flow 2:
Average throughput: 35.32 Mbit/s
95th percentile per-packet one-way delay: 19.259 ms
Loss rate: 4.08%
-- Flow 3:
Average throughput: 12.93 Mbit/s
95th percentile per-packet one-way delay: 19.451 ms
Loss rate: 3.92%

Run 3: Report of PCC-Vivace — Data Link

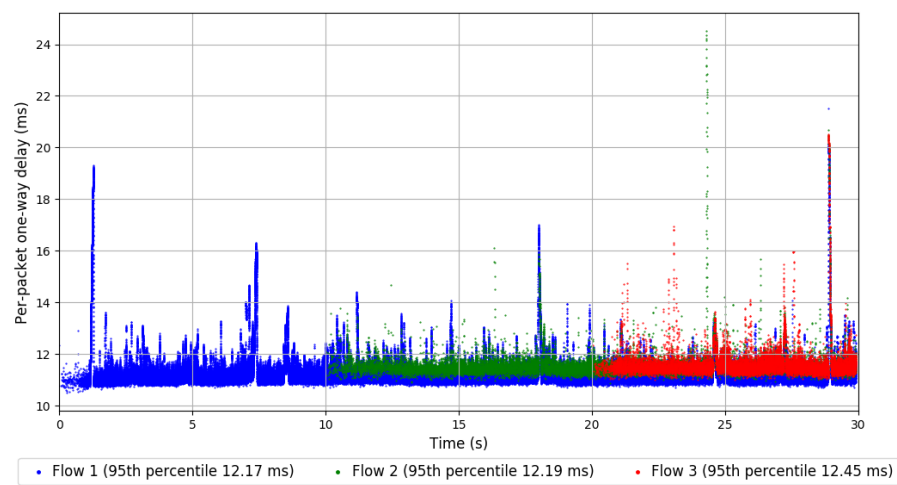
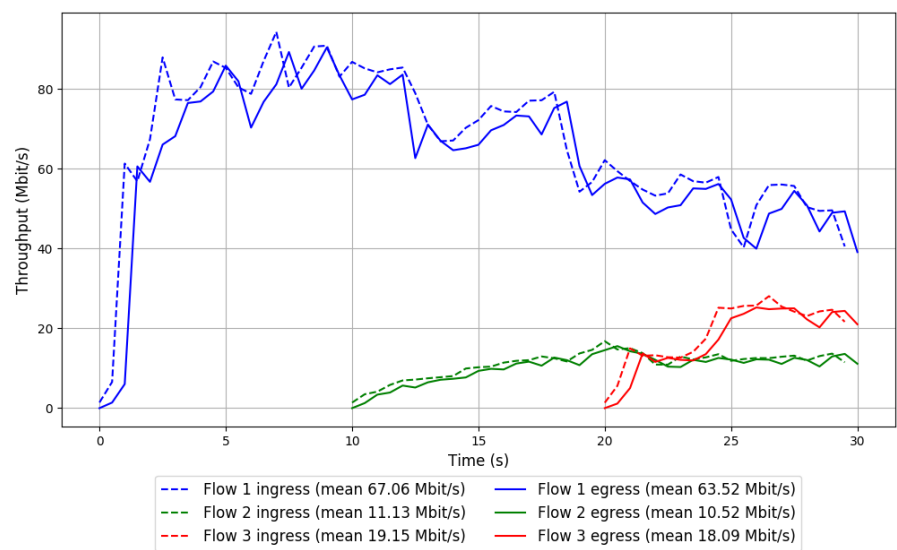


Run 4: Statistics of PCC-Vivace

Start at: 2018-08-01 08:54:26
End at: 2018-08-01 08:54:56
Local clock offset: 1.055 ms
Remote clock offset: -10.106 ms

Below is generated by plot.py at 2018-08-01 11:22:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.48 Mbit/s
95th percentile per-packet one-way delay: 12.196 ms
Loss rate: 5.33%
-- Flow 1:
Average throughput: 63.52 Mbit/s
95th percentile per-packet one-way delay: 12.168 ms
Loss rate: 5.28%
-- Flow 2:
Average throughput: 10.52 Mbit/s
95th percentile per-packet one-way delay: 12.192 ms
Loss rate: 5.49%
-- Flow 3:
Average throughput: 18.09 Mbit/s
95th percentile per-packet one-way delay: 12.445 ms
Loss rate: 5.56%

Run 4: Report of PCC-Vivace — Data Link

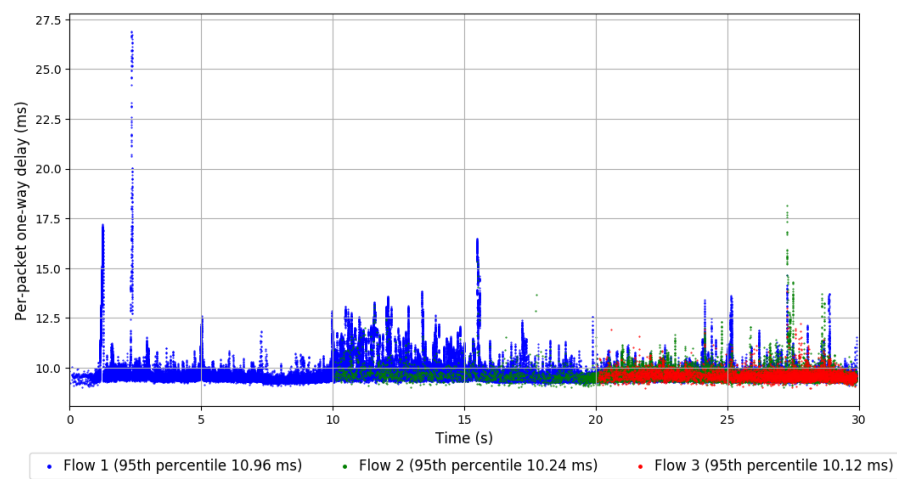
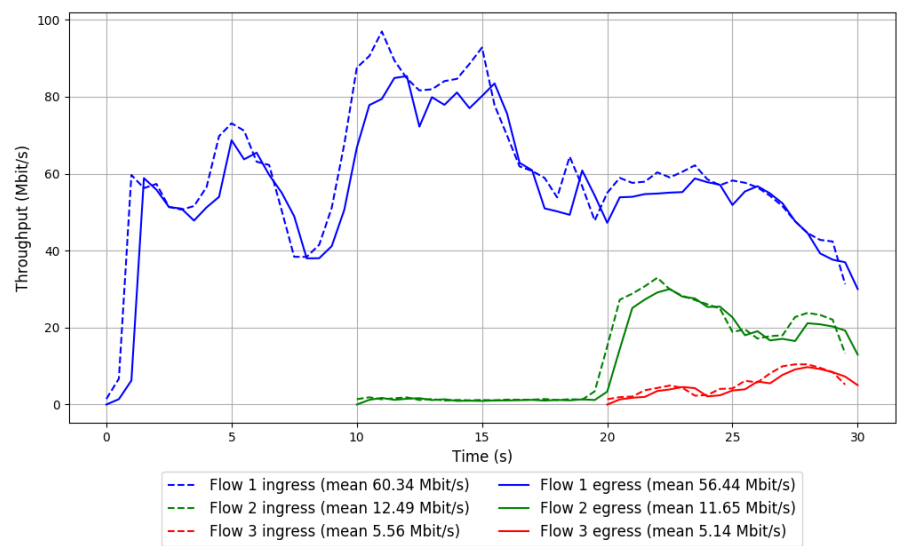


Run 5: Statistics of PCC-Vivace

Start at: 2018-08-01 09:14:31
End at: 2018-08-01 09:15:01
Local clock offset: 1.102 ms
Remote clock offset: -5.042 ms

Below is generated by plot.py at 2018-08-01 11:22:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.88 Mbit/s
95th percentile per-packet one-way delay: 10.842 ms
Loss rate: 6.52%
-- Flow 1:
Average throughput: 56.44 Mbit/s
95th percentile per-packet one-way delay: 10.962 ms
Loss rate: 6.47%
-- Flow 2:
Average throughput: 11.65 Mbit/s
95th percentile per-packet one-way delay: 10.240 ms
Loss rate: 6.70%
-- Flow 3:
Average throughput: 5.14 Mbit/s
95th percentile per-packet one-way delay: 10.124 ms
Loss rate: 7.53%

Run 5: Report of PCC-Vivace — Data Link

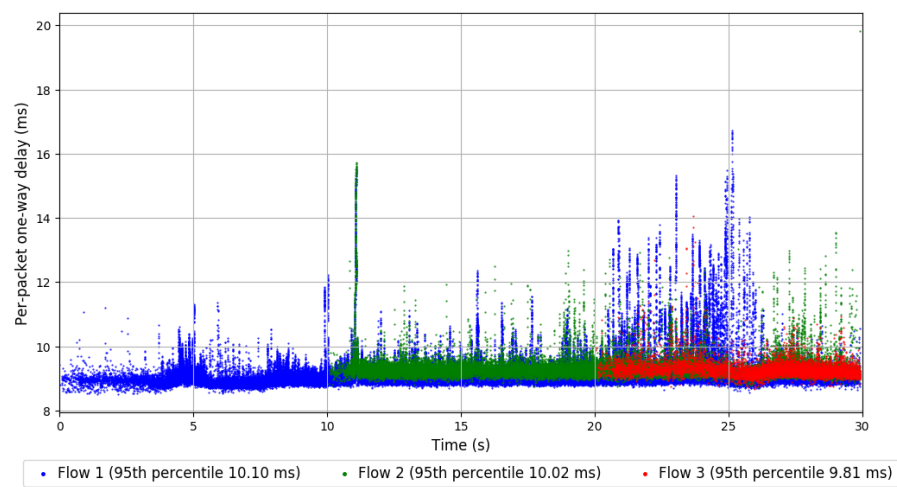
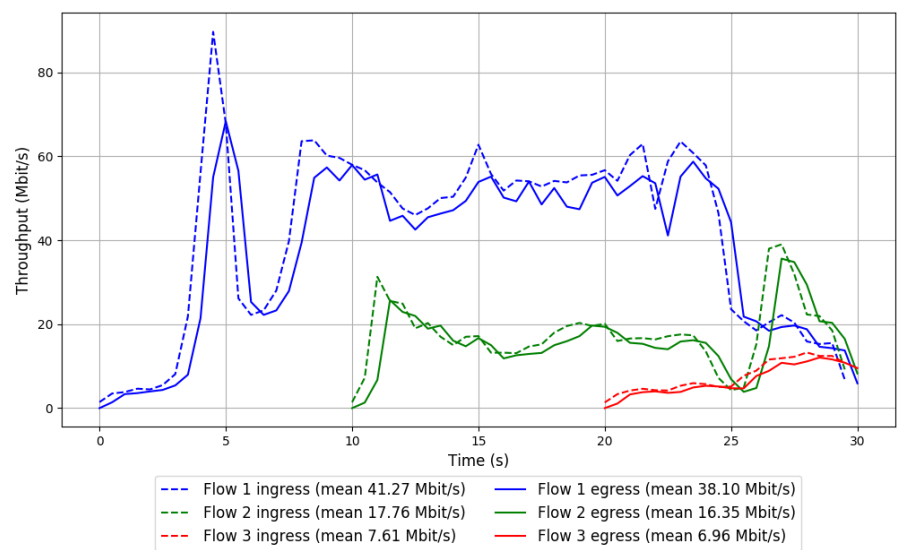


Run 6: Statistics of PCC-Vivace

Start at: 2018-08-01 09:34:37
End at: 2018-08-01 09:35:07
Local clock offset: -0.984 ms
Remote clock offset: -6.726 ms

Below is generated by plot.py at 2018-08-01 11:22:45
Datalink statistics
-- Total of 3 flows:
Average throughput: 51.26 Mbit/s
95th percentile per-packet one-way delay: 10.062 ms
Loss rate: 7.77%
-- Flow 1:
Average throughput: 38.10 Mbit/s
95th percentile per-packet one-way delay: 10.103 ms
Loss rate: 7.68%
-- Flow 2:
Average throughput: 16.35 Mbit/s
95th percentile per-packet one-way delay: 10.023 ms
Loss rate: 7.93%
-- Flow 3:
Average throughput: 6.96 Mbit/s
95th percentile per-packet one-way delay: 9.813 ms
Loss rate: 8.58%

Run 6: Report of PCC-Vivace — Data Link

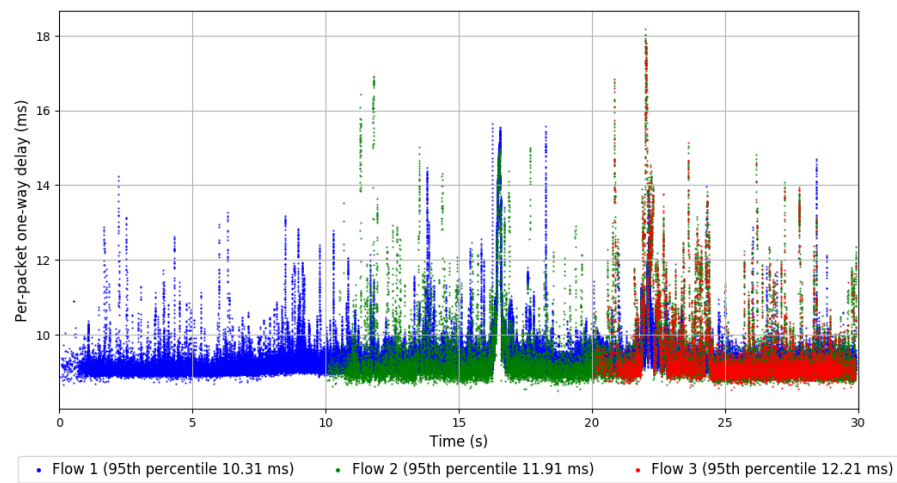
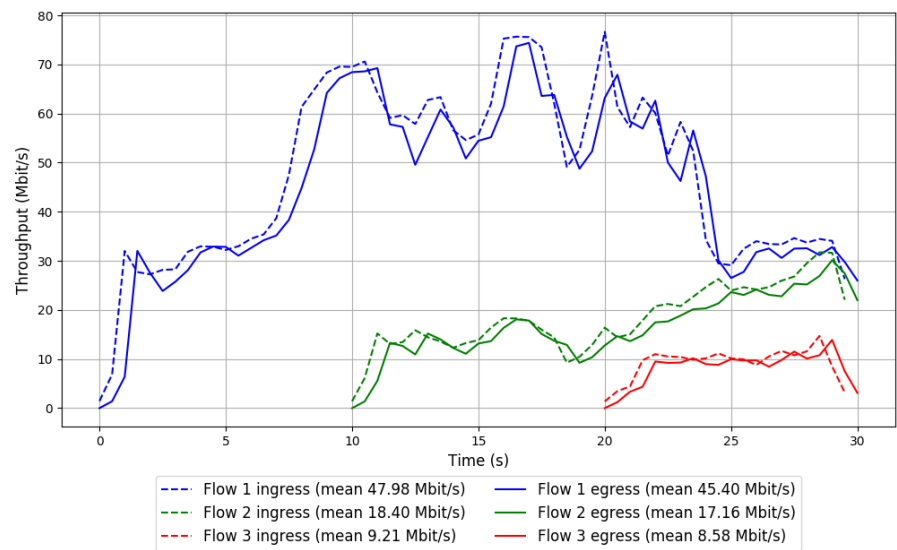


Run 7: Statistics of PCC-Vivace

Start at: 2018-08-01 09:54:30
End at: 2018-08-01 09:55:00
Local clock offset: -0.072 ms
Remote clock offset: -6.655 ms

Below is generated by plot.py at 2018-08-01 11:22:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.64 Mbit/s
95th percentile per-packet one-way delay: 10.743 ms
Loss rate: 5.72%
-- Flow 1:
Average throughput: 45.40 Mbit/s
95th percentile per-packet one-way delay: 10.309 ms
Loss rate: 5.38%
-- Flow 2:
Average throughput: 17.16 Mbit/s
95th percentile per-packet one-way delay: 11.914 ms
Loss rate: 6.75%
-- Flow 3:
Average throughput: 8.58 Mbit/s
95th percentile per-packet one-way delay: 12.206 ms
Loss rate: 6.85%

Run 7: Report of PCC-Vivace — Data Link

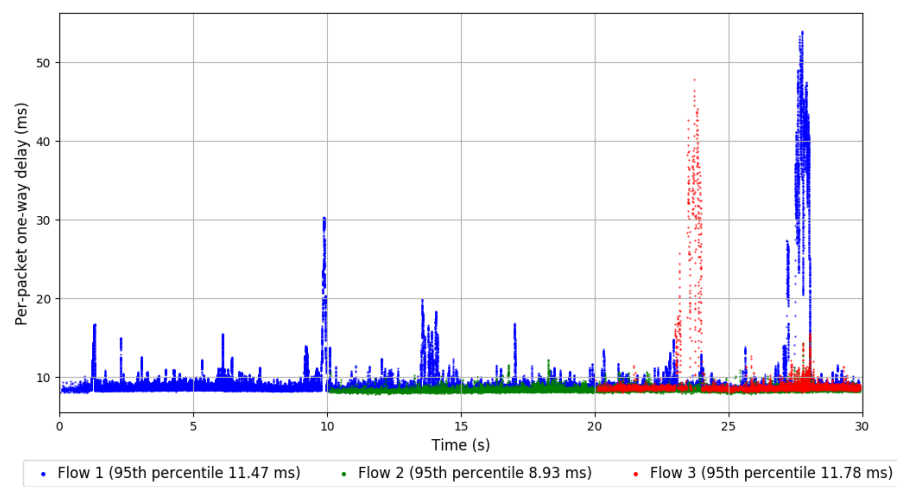
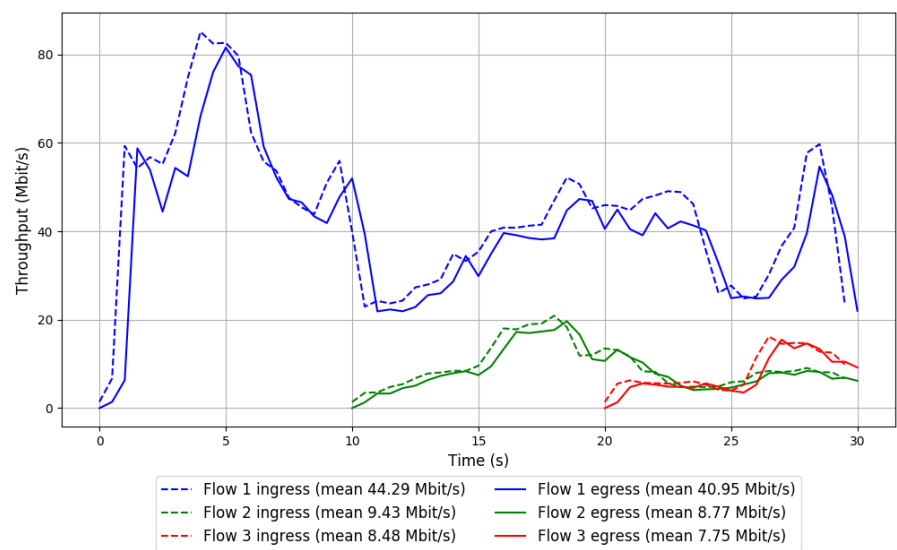


Run 8: Statistics of PCC-Vivace

Start at: 2018-08-01 10:14:44
End at: 2018-08-01 10:15:14
Local clock offset: 0.022 ms
Remote clock offset: -12.046 ms

Below is generated by plot.py at 2018-08-01 11:22:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 49.35 Mbit/s
95th percentile per-packet one-way delay: 10.870 ms
Loss rate: 7.53%
-- Flow 1:
Average throughput: 40.95 Mbit/s
95th percentile per-packet one-way delay: 11.473 ms
Loss rate: 7.53%
-- Flow 2:
Average throughput: 8.77 Mbit/s
95th percentile per-packet one-way delay: 8.928 ms
Loss rate: 7.04%
-- Flow 3:
Average throughput: 7.75 Mbit/s
95th percentile per-packet one-way delay: 11.781 ms
Loss rate: 8.61%

Run 8: Report of PCC-Vivace — Data Link

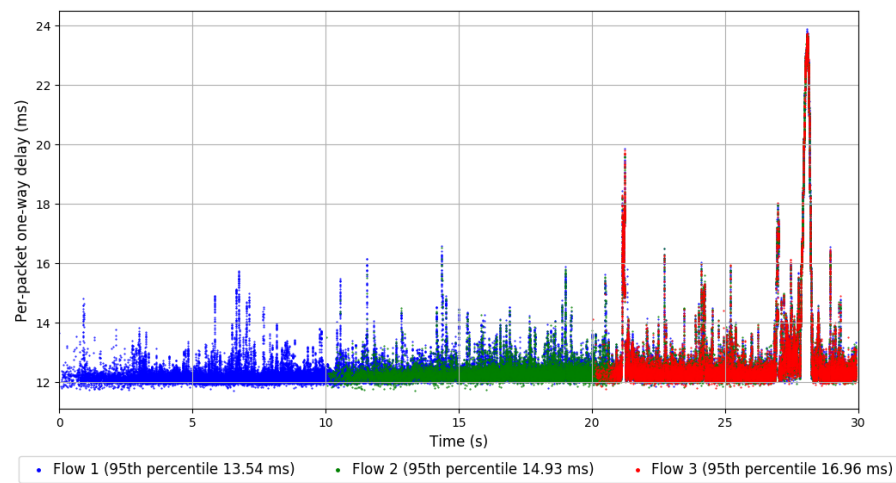
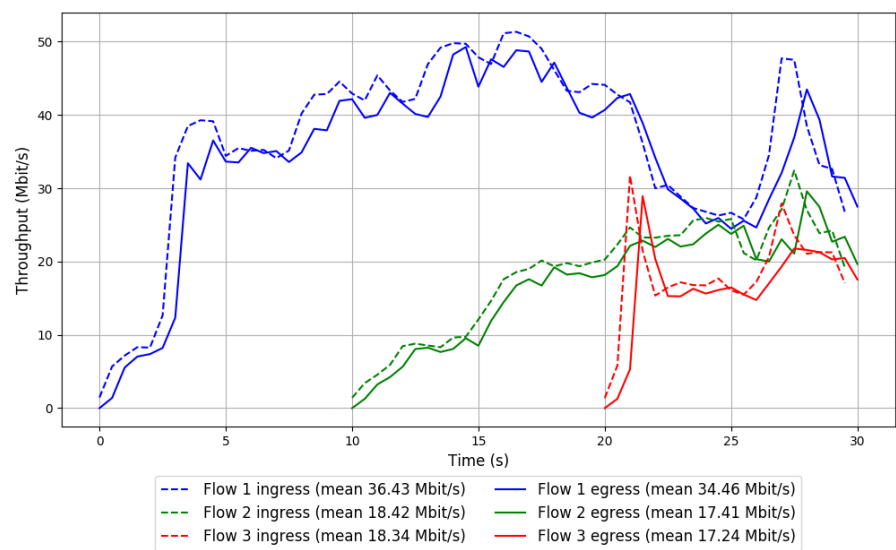


Run 9: Statistics of PCC-Vivace

Start at: 2018-08-01 10:34:57
End at: 2018-08-01 10:35:27
Local clock offset: -2.234 ms
Remote clock offset: -12.29 ms

Below is generated by plot.py at 2018-08-01 11:22:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 51.74 Mbit/s
95th percentile per-packet one-way delay: 14.140 ms
Loss rate: 5.49%
-- Flow 1:
Average throughput: 34.46 Mbit/s
95th percentile per-packet one-way delay: 13.540 ms
Loss rate: 5.40%
-- Flow 2:
Average throughput: 17.41 Mbit/s
95th percentile per-packet one-way delay: 14.925 ms
Loss rate: 5.50%
-- Flow 3:
Average throughput: 17.24 Mbit/s
95th percentile per-packet one-way delay: 16.962 ms
Loss rate: 6.00%

Run 9: Report of PCC-Vivace — Data Link



Run 10: Statistics of PCC-Vivace

Start at: 2018-08-01 10:54:39

End at: 2018-08-01 10:55:09

Local clock offset: 1.832 ms

Remote clock offset: -12.9 ms

Below is generated by plot.py at 2018-08-01 11:22:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 51.42 Mbit/s

95th percentile per-packet one-way delay: 10.289 ms

Loss rate: 9.01%

-- Flow 1:

Average throughput: 26.40 Mbit/s

95th percentile per-packet one-way delay: 10.519 ms

Loss rate: 8.21%

-- Flow 2:

Average throughput: 32.04 Mbit/s

95th percentile per-packet one-way delay: 10.086 ms

Loss rate: 9.91%

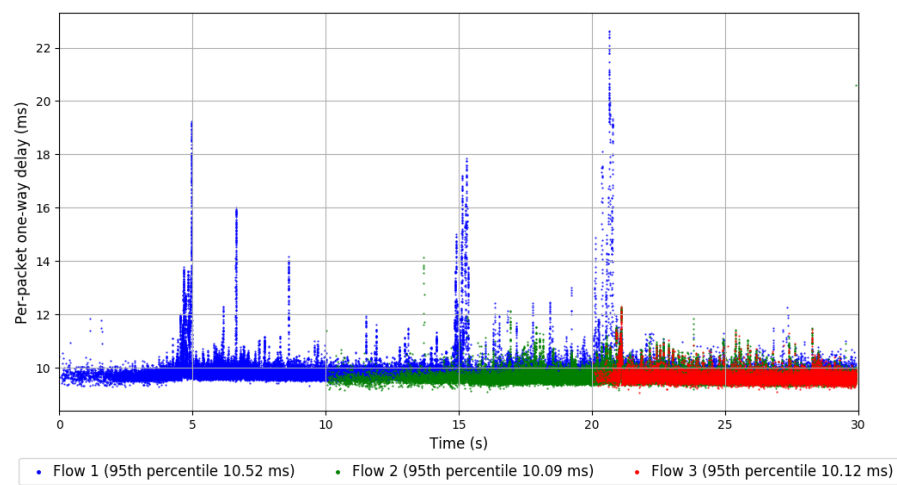
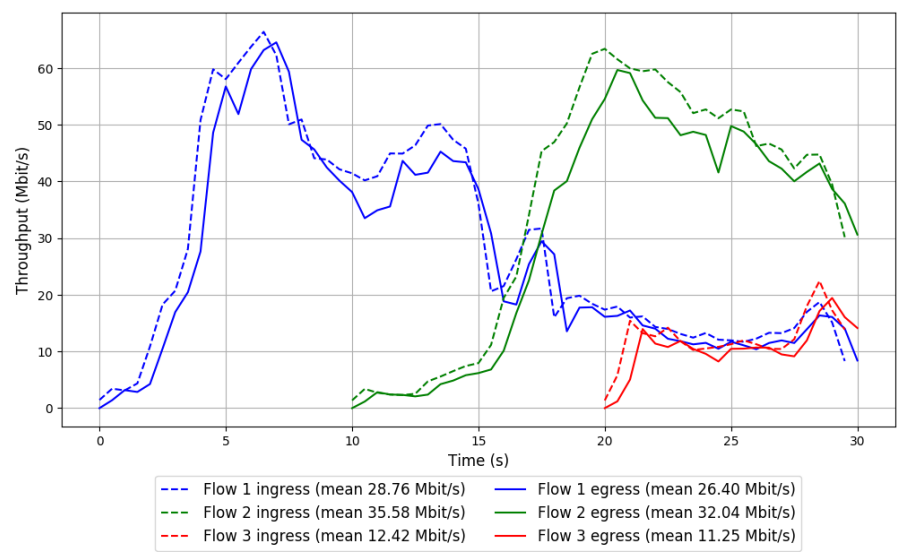
-- Flow 3:

Average throughput: 11.25 Mbit/s

95th percentile per-packet one-way delay: 10.119 ms

Loss rate: 9.41%

Run 10: Report of PCC-Vivace — Data Link

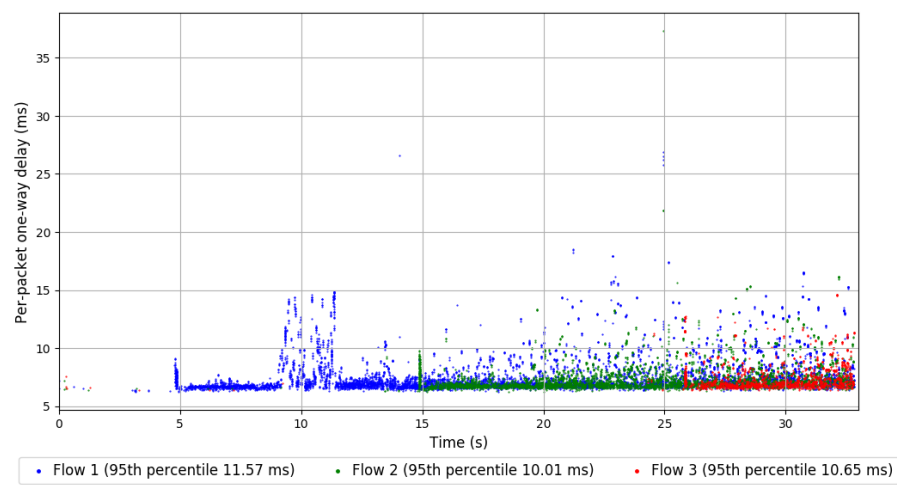
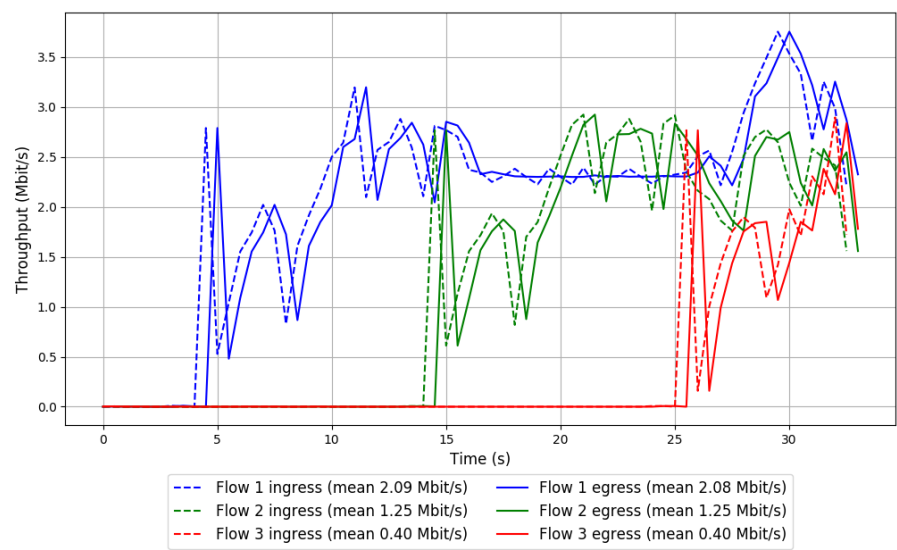


Run 1: Statistics of WebRTC media

Start at: 2018-08-01 07:43:25
End at: 2018-08-01 07:43:55
Local clock offset: 0.41 ms
Remote clock offset: -14.505 ms

Below is generated by plot.py at 2018-08-01 11:22:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.72 Mbit/s
95th percentile per-packet one-way delay: 10.768 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 11.571 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 1.25 Mbit/s
95th percentile per-packet one-way delay: 10.005 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 10.652 ms
Loss rate: 0.05%

Run 1: Report of WebRTC media — Data Link

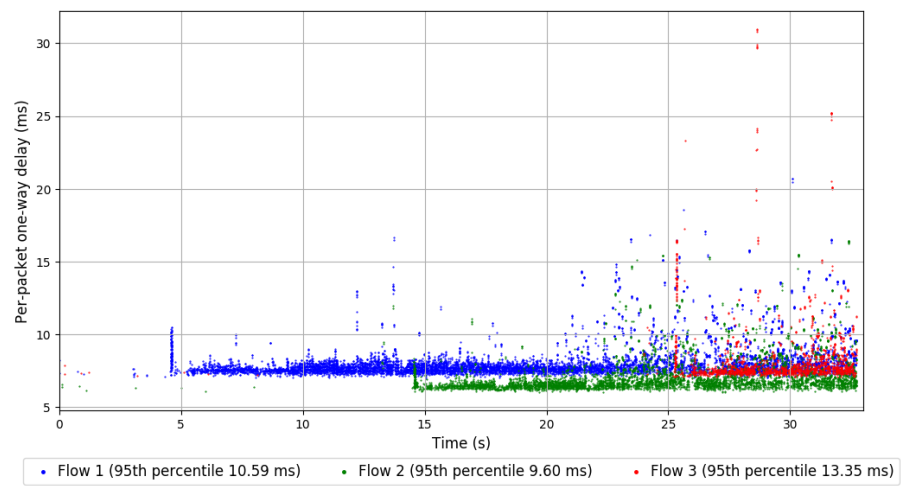
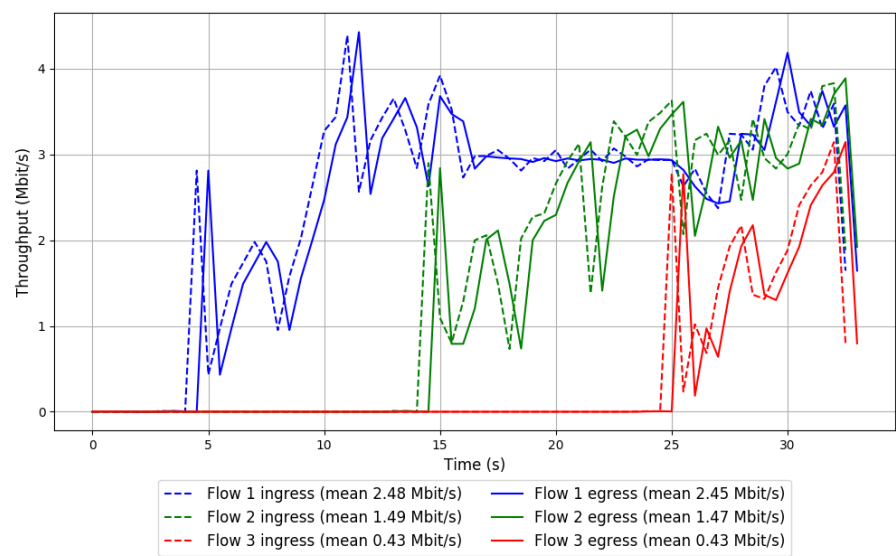


Run 2: Statistics of WebRTC media

Start at: 2018-08-01 08:03:05
End at: 2018-08-01 08:03:35
Local clock offset: 0.787 ms
Remote clock offset: -6.629 ms

Below is generated by plot.py at 2018-08-01 11:22:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.35 Mbit/s
95th percentile per-packet one-way delay: 10.428 ms
Loss rate: 1.08%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 10.588 ms
Loss rate: 1.03%
-- Flow 2:
Average throughput: 1.47 Mbit/s
95th percentile per-packet one-way delay: 9.597 ms
Loss rate: 1.32%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 13.352 ms
Loss rate: 0.60%

Run 2: Report of WebRTC media — Data Link

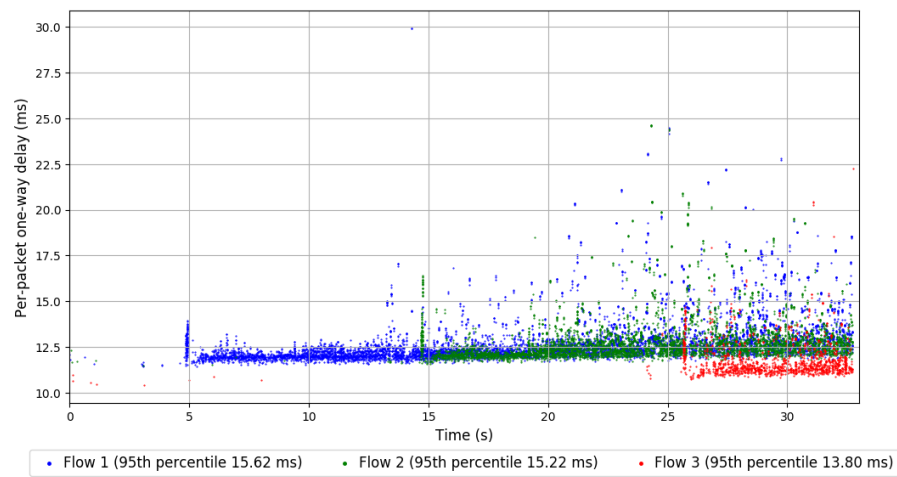
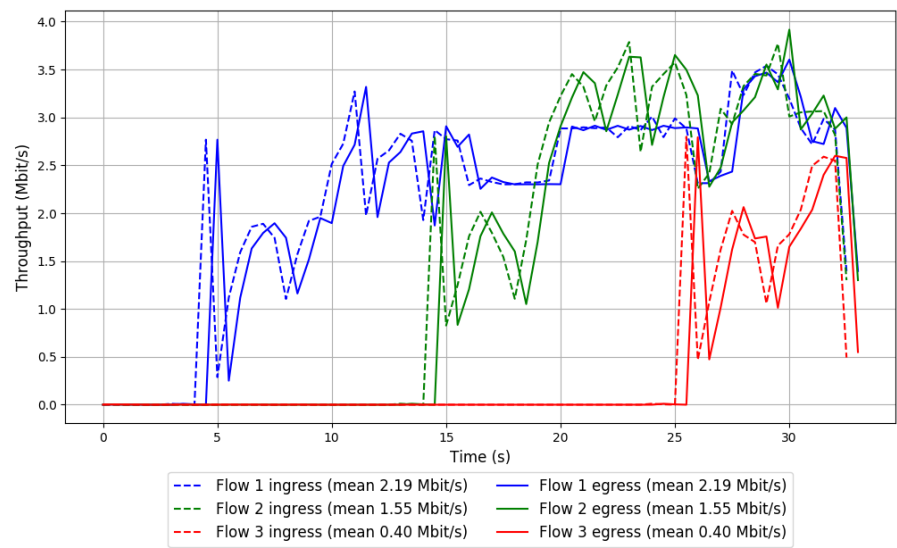


Run 3: Statistics of WebRTC media

Start at: 2018-08-01 08:22:37
End at: 2018-08-01 08:23:07
Local clock offset: -0.616 ms
Remote clock offset: -3.252 ms

Below is generated by plot.py at 2018-08-01 11:22:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.13 Mbit/s
95th percentile per-packet one-way delay: 15.316 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 15.625 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 1.55 Mbit/s
95th percentile per-packet one-way delay: 15.216 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 13.804 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

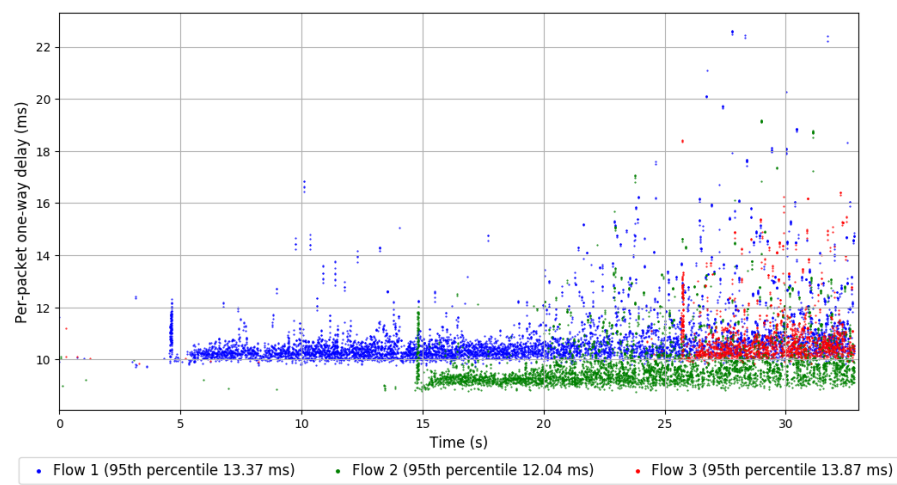
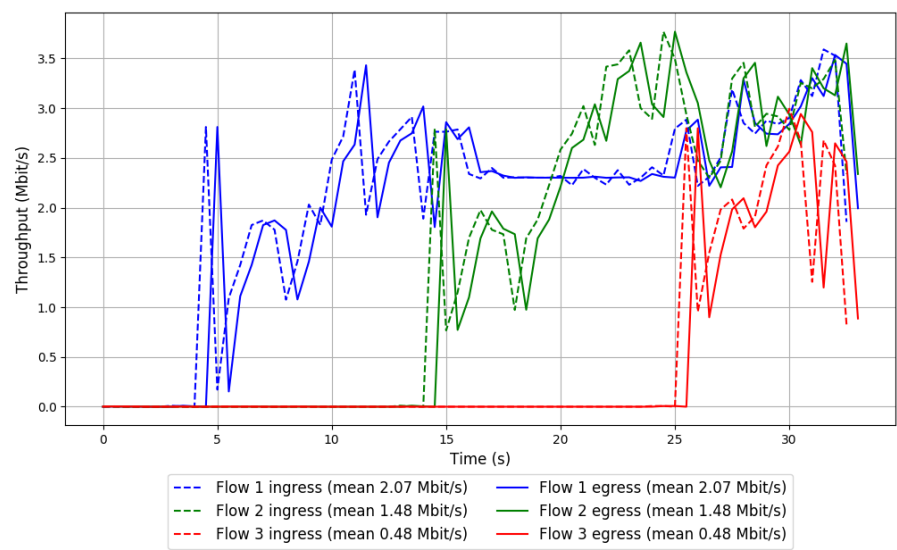


Run 4: Statistics of WebRTC media

Start at: 2018-08-01 08:42:13
End at: 2018-08-01 08:42:43
Local clock offset: 0.649 ms
Remote clock offset: -10.374 ms

Below is generated by plot.py at 2018-08-01 11:22:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.02 Mbit/s
95th percentile per-packet one-way delay: 13.017 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 2.07 Mbit/s
95th percentile per-packet one-way delay: 13.367 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 1.48 Mbit/s
95th percentile per-packet one-way delay: 12.045 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 13.872 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

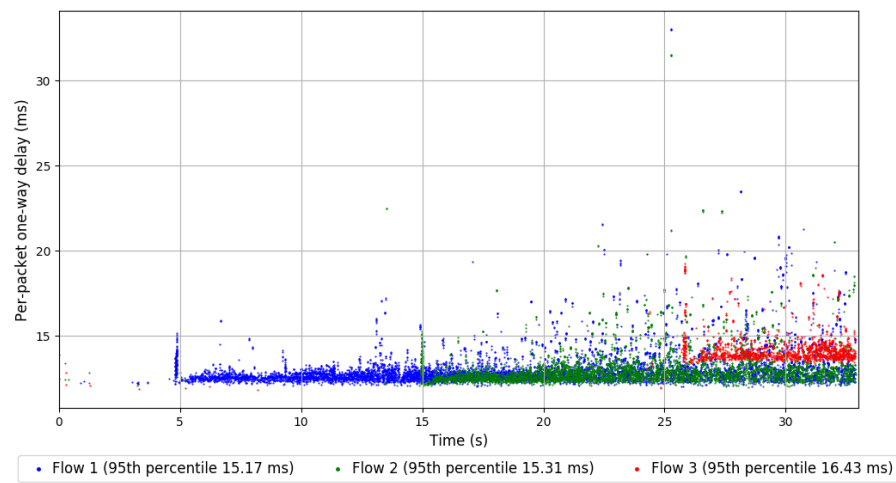
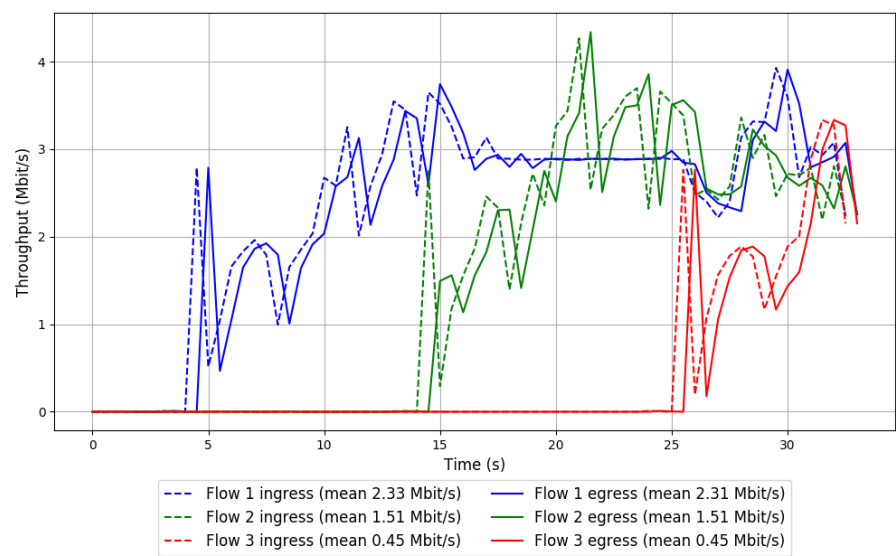


Run 5: Statistics of WebRTC media

Start at: 2018-08-01 09:02:43
End at: 2018-08-01 09:03:13
Local clock offset: -0.552 ms
Remote clock offset: -6.741 ms

Below is generated by plot.py at 2018-08-01 11:22:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.25 Mbit/s
95th percentile per-packet one-way delay: 15.439 ms
Loss rate: 0.57%
-- Flow 1:
Average throughput: 2.31 Mbit/s
95th percentile per-packet one-way delay: 15.170 ms
Loss rate: 0.62%
-- Flow 2:
Average throughput: 1.51 Mbit/s
95th percentile per-packet one-way delay: 15.314 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 16.431 ms
Loss rate: 0.51%

Run 5: Report of WebRTC media — Data Link

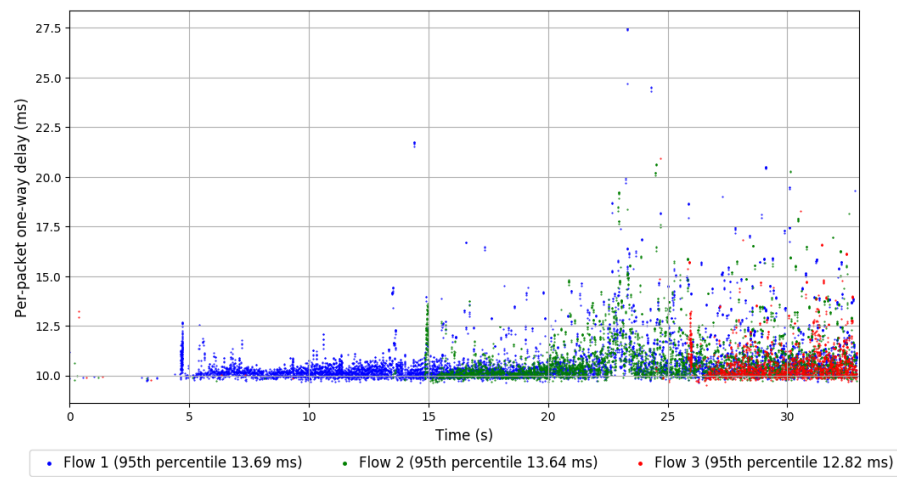
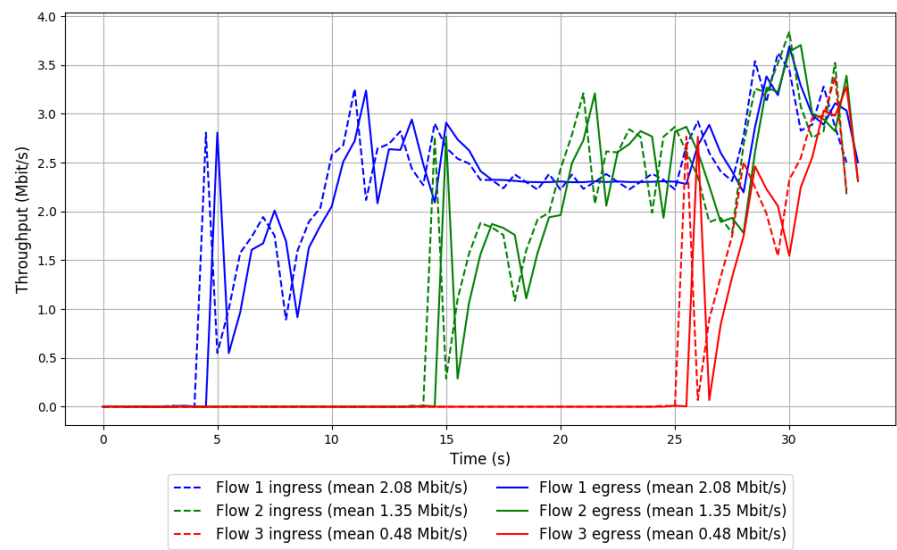


Run 6: Statistics of WebRTC media

Start at: 2018-08-01 09:22:48
End at: 2018-08-01 09:23:18
Local clock offset: 0.084 ms
Remote clock offset: -6.546 ms

Below is generated by plot.py at 2018-08-01 11:22:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.90 Mbit/s
95th percentile per-packet one-way delay: 13.586 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 2.08 Mbit/s
95th percentile per-packet one-way delay: 13.692 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 1.35 Mbit/s
95th percentile per-packet one-way delay: 13.640 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 0.48 Mbit/s
95th percentile per-packet one-way delay: 12.819 ms
Loss rate: 0.12%

Run 6: Report of WebRTC media — Data Link

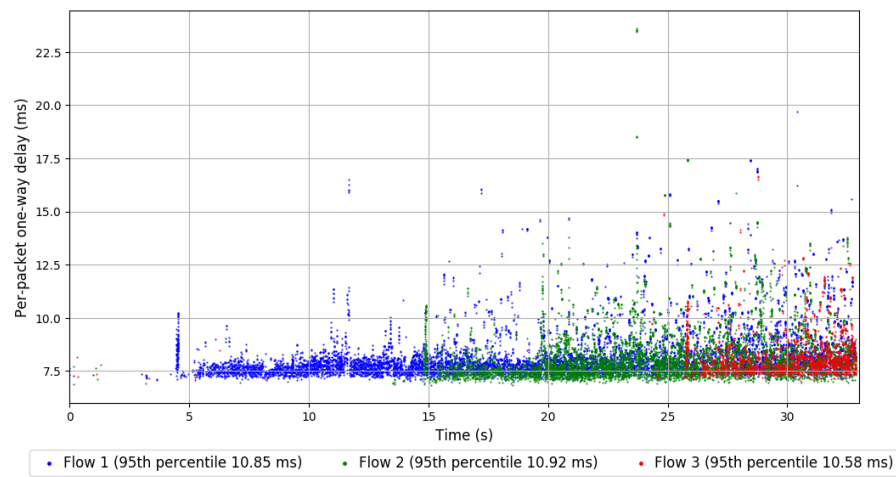
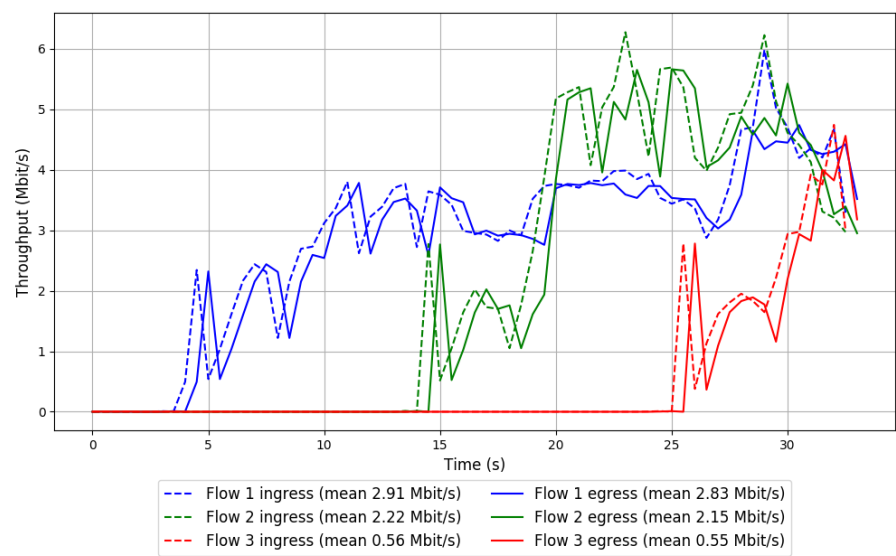


Run 7: Statistics of WebRTC media

Start at: 2018-08-01 09:42:44
End at: 2018-08-01 09:43:14
Local clock offset: 0.263 ms
Remote clock offset: -7.755 ms

Below is generated by plot.py at 2018-08-01 11:22:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 5.51 Mbit/s
95th percentile per-packet one-way delay: 10.844 ms
Loss rate: 2.94%
-- Flow 1:
Average throughput: 2.83 Mbit/s
95th percentile per-packet one-way delay: 10.851 ms
Loss rate: 2.78%
-- Flow 2:
Average throughput: 2.15 Mbit/s
95th percentile per-packet one-way delay: 10.917 ms
Loss rate: 3.45%
-- Flow 3:
Average throughput: 0.55 Mbit/s
95th percentile per-packet one-way delay: 10.577 ms
Loss rate: 1.72%

Run 7: Report of WebRTC media — Data Link

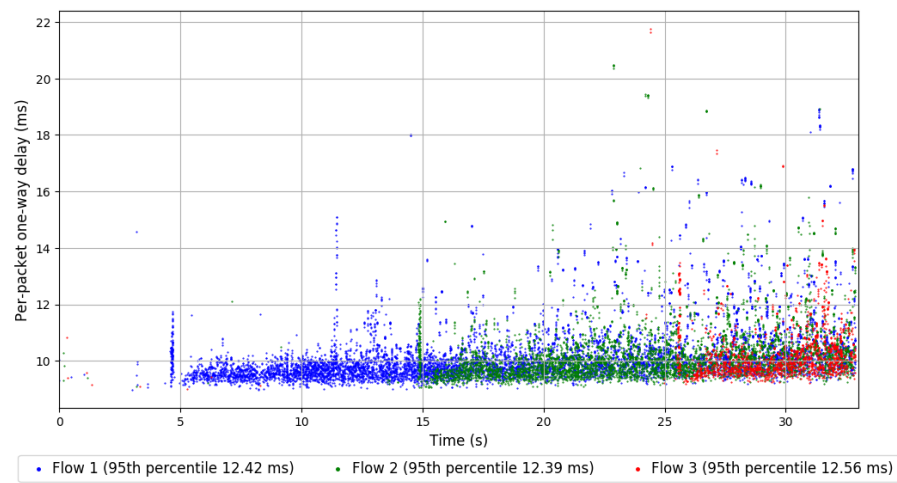
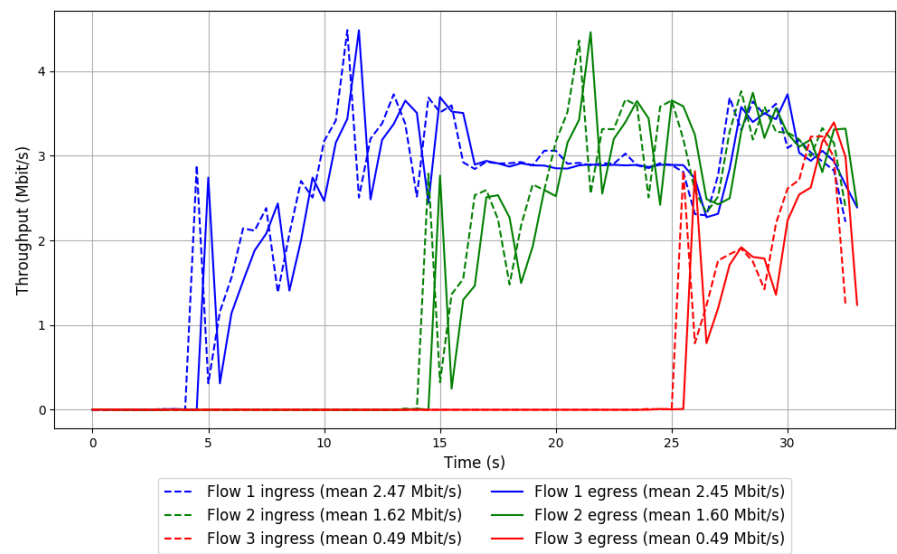


Run 8: Statistics of WebRTC media

Start at: 2018-08-01 10:02:54
End at: 2018-08-01 10:03:24
Local clock offset: 1.785 ms
Remote clock offset: -4.575 ms

Below is generated by plot.py at 2018-08-01 11:22:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.52 Mbit/s
95th percentile per-packet one-way delay: 12.442 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 2.45 Mbit/s
95th percentile per-packet one-way delay: 12.424 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 12.388 ms
Loss rate: 1.11%
-- Flow 3:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 12.562 ms
Loss rate: 0.47%

Run 8: Report of WebRTC media — Data Link

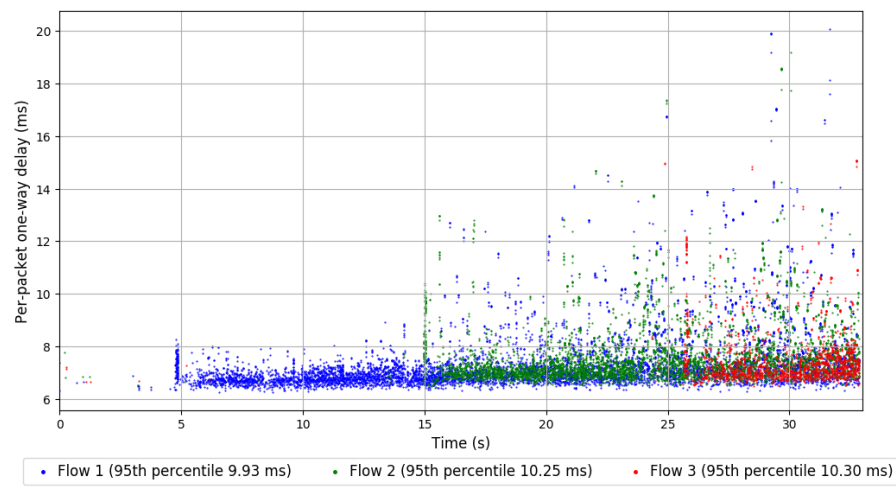
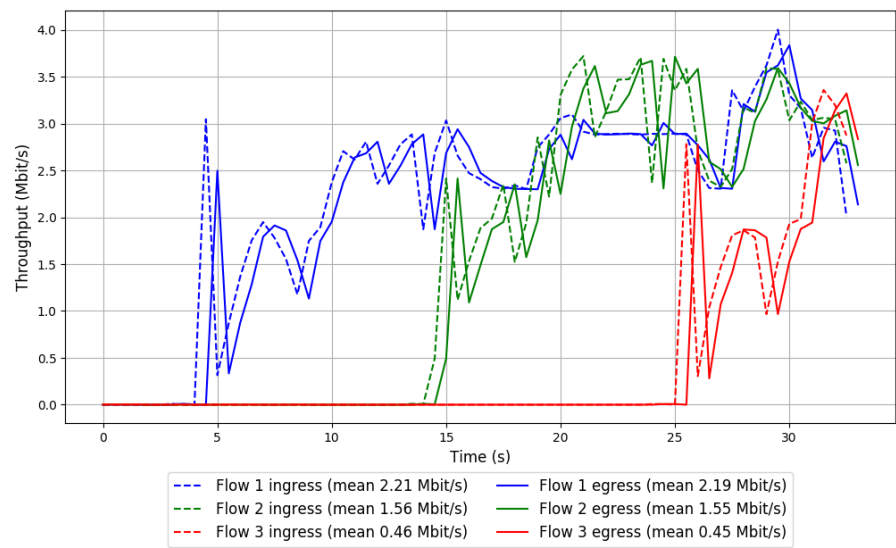


Run 9: Statistics of WebRTC media

Start at: 2018-08-01 10:22:57
End at: 2018-08-01 10:23:27
Local clock offset: 2.928 ms
Remote clock offset: -11.986 ms

Below is generated by plot.py at 2018-08-01 11:22:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.18 Mbit/s
95th percentile per-packet one-way delay: 10.067 ms
Loss rate: 0.92%
-- Flow 1:
Average throughput: 2.19 Mbit/s
95th percentile per-packet one-way delay: 9.931 ms
Loss rate: 1.08%
-- Flow 2:
Average throughput: 1.55 Mbit/s
95th percentile per-packet one-way delay: 10.249 ms
Loss rate: 0.58%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 10.305 ms
Loss rate: 1.29%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-01 10:43:05
End at: 2018-08-01 10:43:35
Local clock offset: 0.005 ms
Remote clock offset: -12.329 ms

Below is generated by plot.py at 2018-08-01 11:22:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 4.73 Mbit/s
95th percentile per-packet one-way delay: 14.404 ms
Loss rate: 2.03%
-- Flow 1:
Average throughput: 2.69 Mbit/s
95th percentile per-packet one-way delay: 14.786 ms
Loss rate: 1.99%
-- Flow 2:
Average throughput: 1.63 Mbit/s
95th percentile per-packet one-way delay: 13.801 ms
Loss rate: 1.74%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 14.137 ms
Loss rate: 3.37%

Run 10: Report of WebRTC media — Data Link

