

Pantheon Report

Generated at 2018-08-09 12:21:41 (UTC).

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

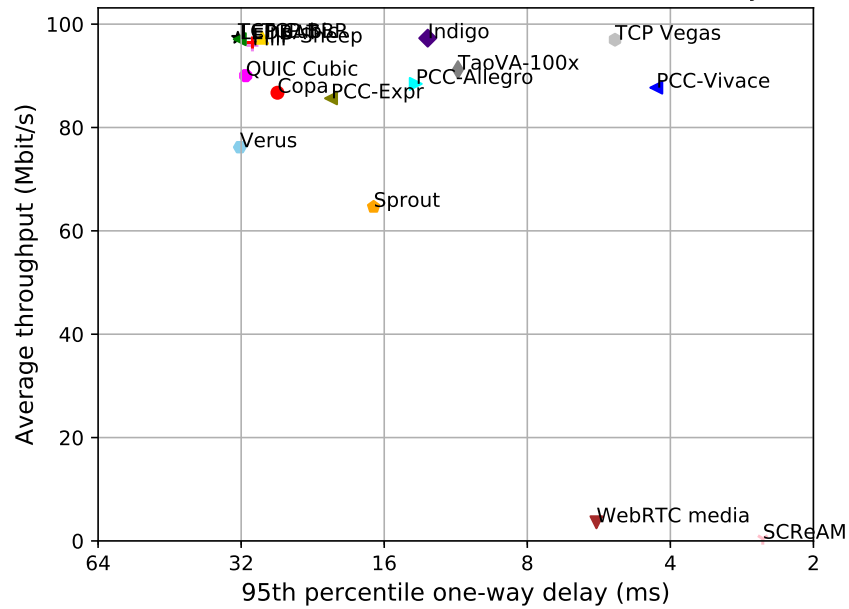
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

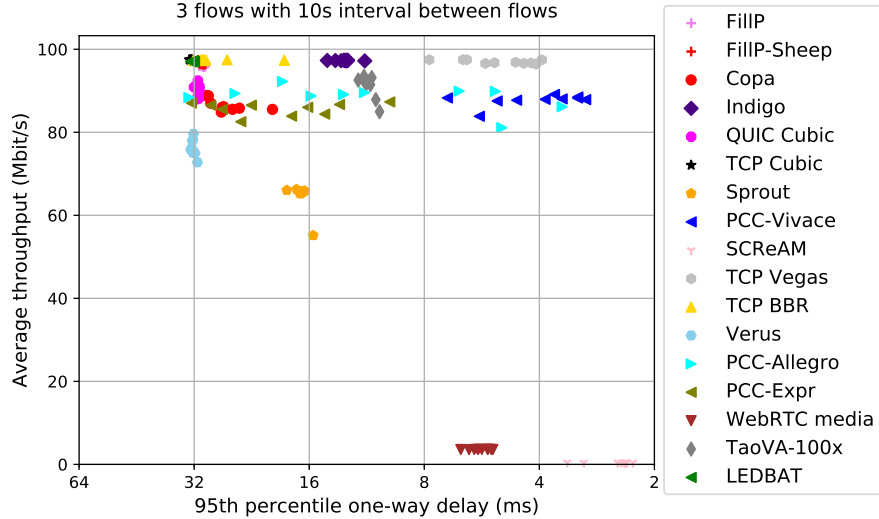
Git summary:

```
branch: master @ 7772df3413f4b07ba0096dfdd8e9d4c6dca623e3
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf90c077e64d
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 Brazil 1 to Brazil, 10 runs of 30s each per scheme
 3 flows with 10s interval between flows (mean of all runs by scheme)



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



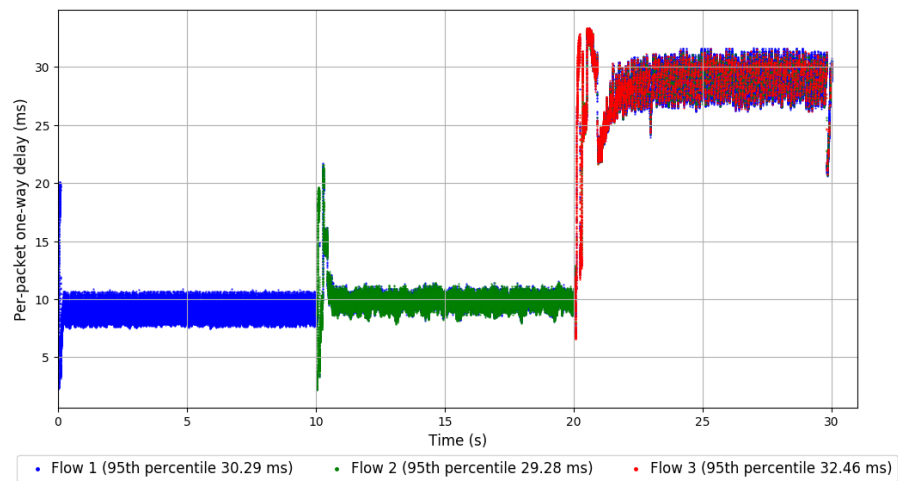
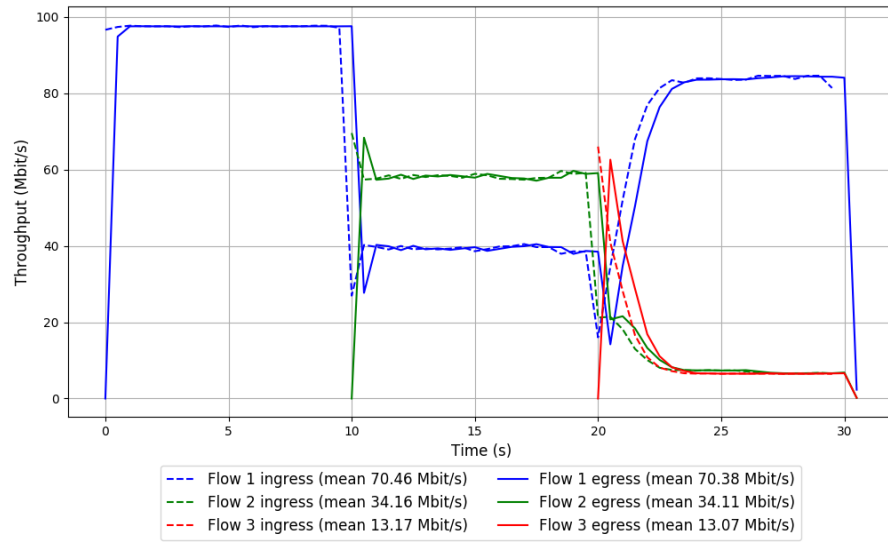
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	71.68	31.40	14.31	28.88	27.90	30.14	0.02	0.03	0.47
Copa	10	52.10	37.49	29.00	23.54	27.95	29.06	0.00	0.01	0.02
TCP Cubic	10	64.02	36.33	27.57	32.44	32.63	32.72	0.03	0.07	0.11
FillP	10	53.84	45.08	36.40	30.24	30.34	30.35	12.32	22.83	25.84
FillP-Sheep	10	59.88	40.18	29.81	30.24	30.34	30.35	15.54	28.89	33.56
Indigo	10	47.04	42.90	66.82	11.02	13.17	13.64	0.00	0.00	0.00
LEDBAT	10	61.72	38.19	30.01	32.13	32.34	32.40	0.03	0.06	0.09
PCC-Allegro	10	71.26	19.22	13.34	11.70	17.11	18.61	0.05	0.12	0.25
PCC-Expr	10	53.11	35.65	26.71	21.44	16.74	18.43	0.53	0.09	0.12
QUIC Cubic	10	57.82	34.37	28.52	31.19	31.38	31.60	0.14	0.18	0.25
SCReAM	10	0.22	0.22	0.22	2.56	2.55	2.53	0.00	0.00	0.00
Sprout	10	33.74	31.88	29.34	15.40	16.84	19.23	0.01	0.02	0.07
TaoVA-100x	10	56.30	36.45	31.91	10.60	11.79	16.01	0.03	0.04	0.41
TCP Vegas	10	53.82	42.16	45.35	8.97	4.23	4.37	0.00	0.00	0.00
Verus	10	46.20	31.51	27.38	30.59	32.38	32.87	9.08	15.61	21.04
PCC-Vivace	10	56.62	33.40	26.87	3.54	5.25	8.89	0.00	0.01	0.03
WebRTC media	10	1.94	1.26	0.42	5.68	5.42	6.98	0.00	0.00	0.00

Run 1: Statistics of TCP BBR

Start at: 2018-08-09 08:53:29
End at: 2018-08-09 08:53:59
Local clock offset: -2.119 ms
Remote clock offset: -7.115 ms

Below is generated by plot.py at 2018-08-09 11:57:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 30.300 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 70.38 Mbit/s
95th percentile per-packet one-way delay: 30.285 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 34.11 Mbit/s
95th percentile per-packet one-way delay: 29.278 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 13.07 Mbit/s
95th percentile per-packet one-way delay: 32.458 ms
Loss rate: 0.55%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-08-09 09:12:40

End at: 2018-08-09 09:13:10

Local clock offset: -2.802 ms

Remote clock offset: -7.2 ms

Below is generated by plot.py at 2018-08-09 11:57:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.45 Mbit/s

95th percentile per-packet one-way delay: 30.924 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 71.96 Mbit/s

95th percentile per-packet one-way delay: 31.002 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 33.15 Mbit/s

95th percentile per-packet one-way delay: 28.976 ms

Loss rate: 0.01%

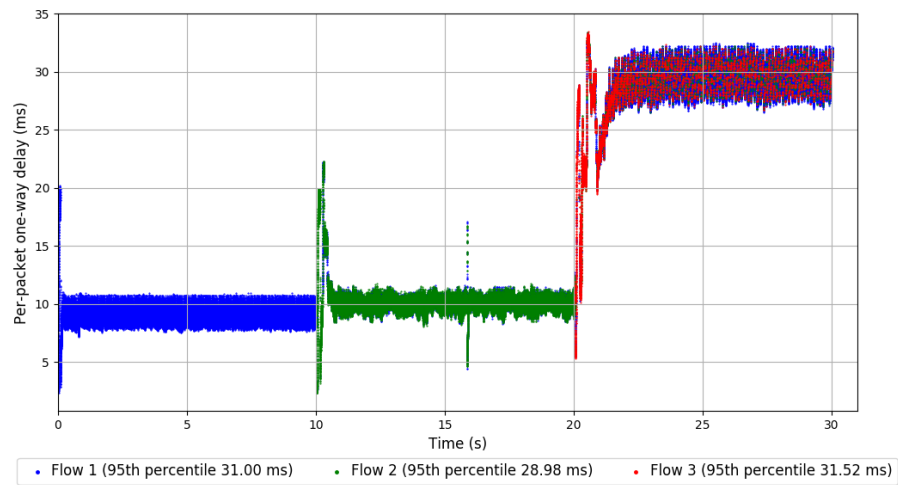
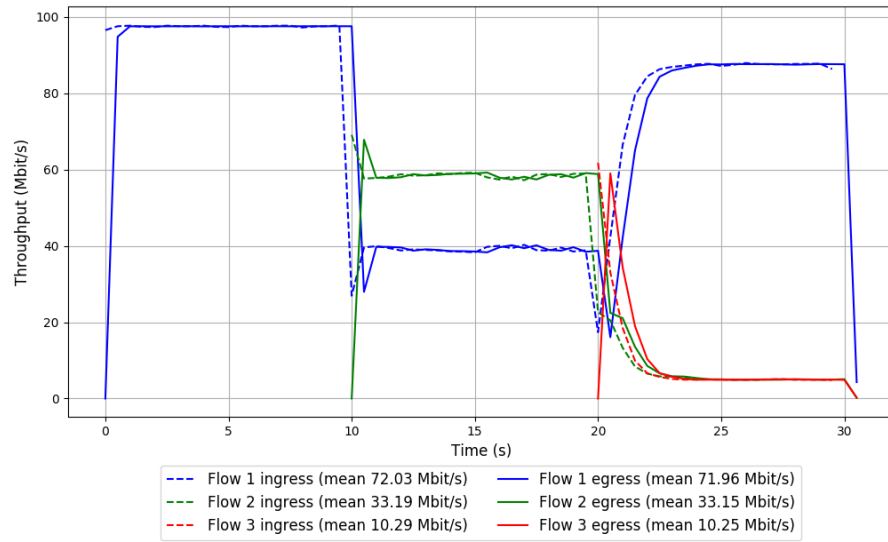
-- Flow 3:

Average throughput: 10.25 Mbit/s

95th percentile per-packet one-way delay: 31.518 ms

Loss rate: 0.09%

Run 2: Report of TCP BBR — Data Link

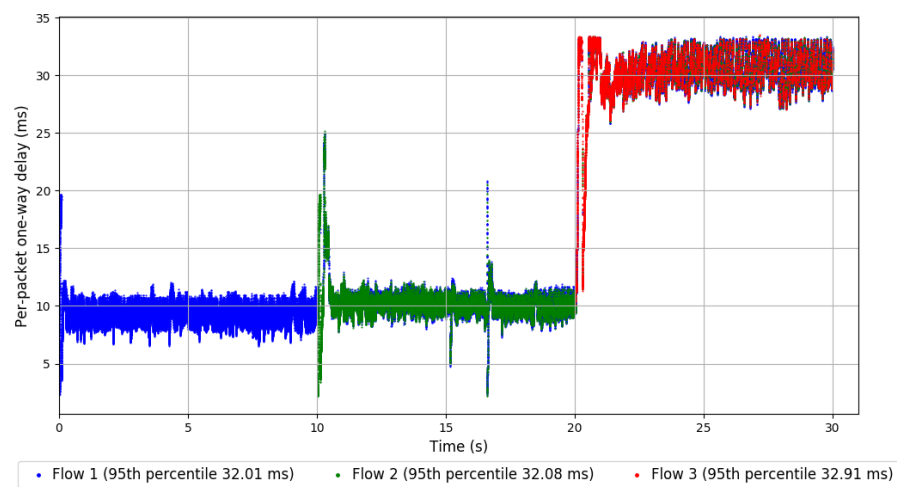
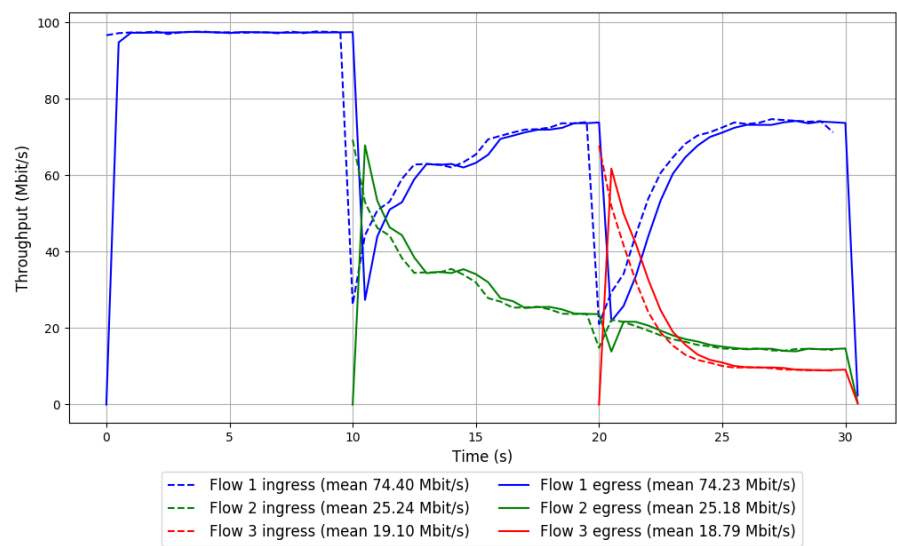


Run 3: Statistics of TCP BBR

Start at: 2018-08-09 09:31:52
End at: 2018-08-09 09:32:22
Local clock offset: -3.56 ms
Remote clock offset: -1.729 ms

Below is generated by plot.py at 2018-08-09 11:57:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.26 Mbit/s
95th percentile per-packet one-way delay: 32.169 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 74.23 Mbit/s
95th percentile per-packet one-way delay: 32.005 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 25.18 Mbit/s
95th percentile per-packet one-way delay: 32.077 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 18.79 Mbit/s
95th percentile per-packet one-way delay: 32.905 ms
Loss rate: 1.45%

Run 3: Report of TCP BBR — Data Link

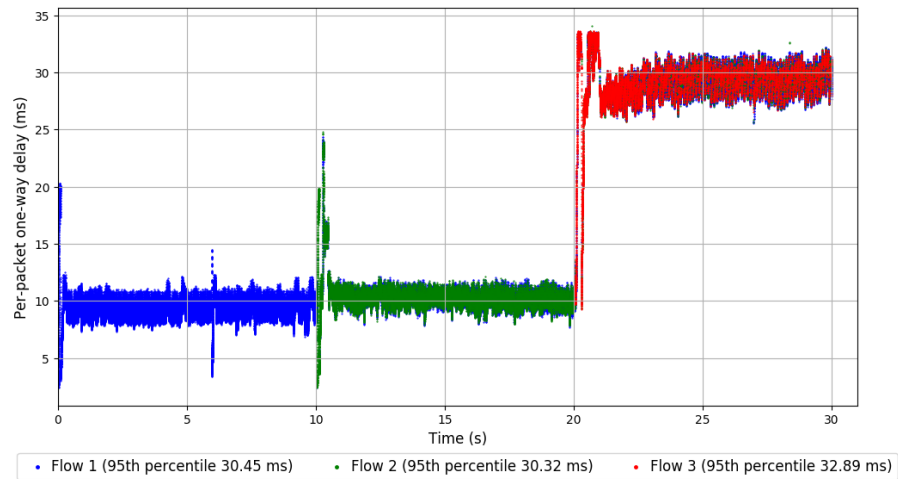
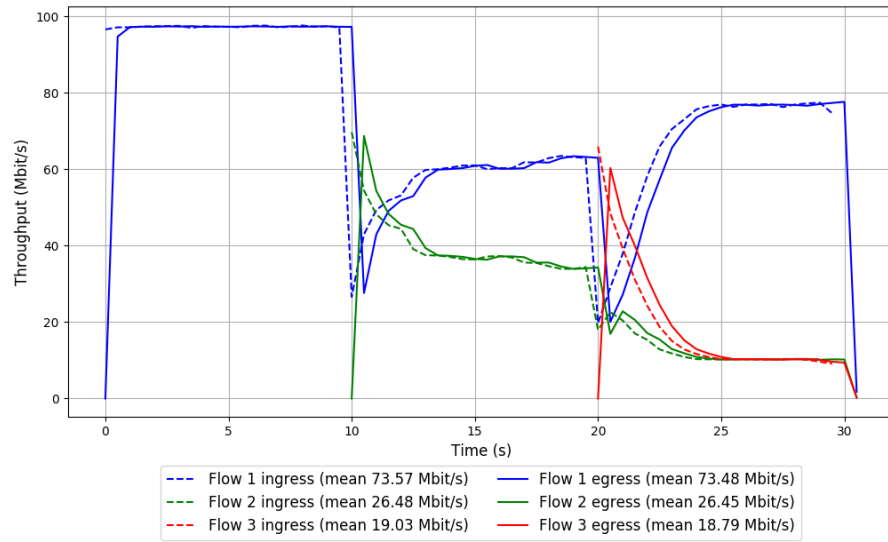


Run 4: Statistics of TCP BBR

Start at: 2018-08-09 09:51:04
End at: 2018-08-09 09:51:34
Local clock offset: -3.211 ms
Remote clock offset: -0.118 ms

Below is generated by plot.py at 2018-08-09 11:57:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 30.624 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 73.48 Mbit/s
95th percentile per-packet one-way delay: 30.453 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 26.45 Mbit/s
95th percentile per-packet one-way delay: 30.315 ms
Loss rate: 0.04%
-- Flow 3:
Average throughput: 18.79 Mbit/s
95th percentile per-packet one-way delay: 32.893 ms
Loss rate: 1.08%

Run 4: Report of TCP BBR — Data Link

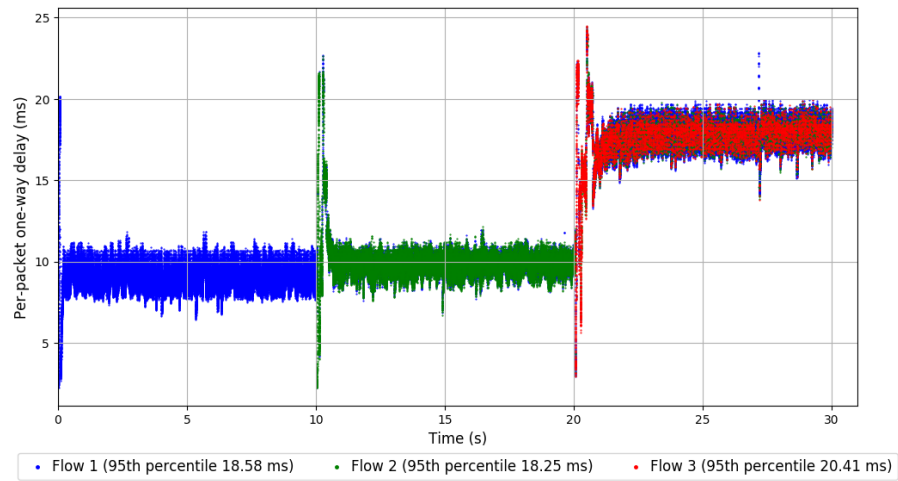
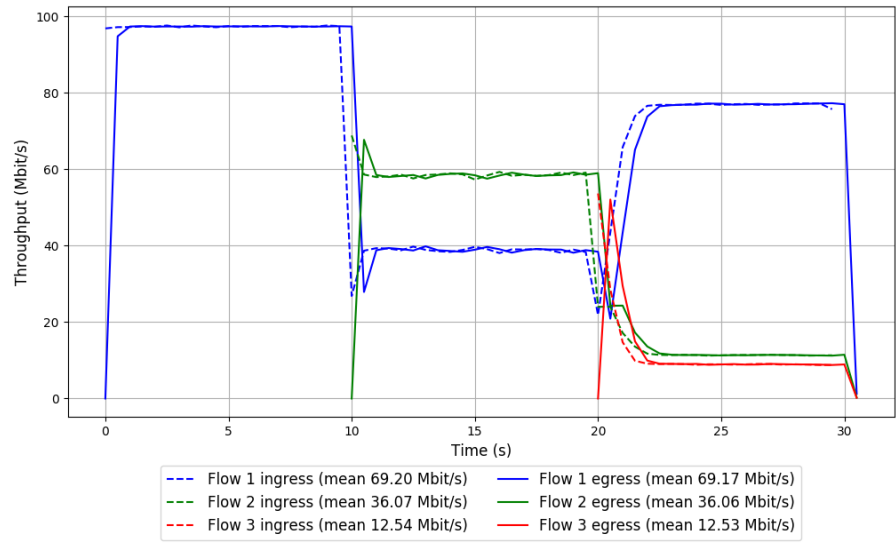


Run 5: Statistics of TCP BBR

Start at: 2018-08-09 10:10:16
End at: 2018-08-09 10:10:46
Local clock offset: -2.462 ms
Remote clock offset: -0.672 ms

Below is generated by plot.py at 2018-08-09 11:57:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.35 Mbit/s
95th percentile per-packet one-way delay: 18.591 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 69.17 Mbit/s
95th percentile per-packet one-way delay: 18.578 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.06 Mbit/s
95th percentile per-packet one-way delay: 18.250 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 12.53 Mbit/s
95th percentile per-packet one-way delay: 20.406 ms
Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link



Run 6: Statistics of TCP BBR

Start at: 2018-08-09 10:29:28

End at: 2018-08-09 10:29:58

Local clock offset: -2.833 ms

Remote clock offset: 3.453 ms

Below is generated by plot.py at 2018-08-09 11:57:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.46 Mbit/s

95th percentile per-packet one-way delay: 26.232 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 71.97 Mbit/s

95th percentile per-packet one-way delay: 26.309 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 33.58 Mbit/s

95th percentile per-packet one-way delay: 24.646 ms

Loss rate: 0.00%

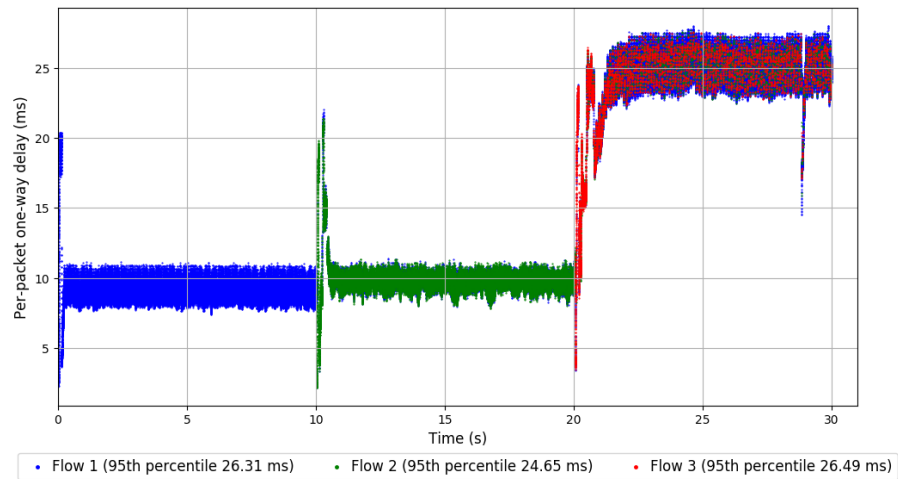
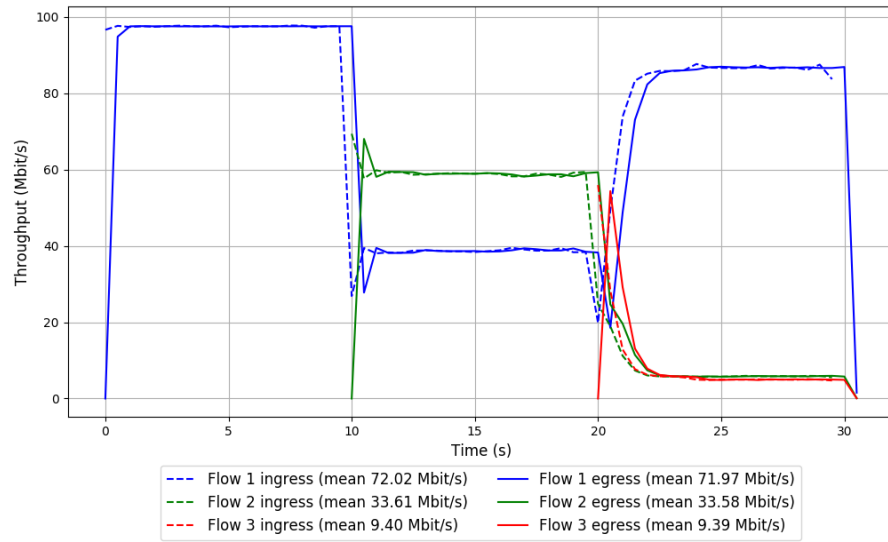
-- Flow 3:

Average throughput: 9.39 Mbit/s

95th percentile per-packet one-way delay: 26.486 ms

Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link



Run 7: Statistics of TCP BBR

Start at: 2018-08-09 10:48:39

End at: 2018-08-09 10:49:09

Local clock offset: -4.378 ms

Remote clock offset: 8.165 ms

Below is generated by plot.py at 2018-08-09 11:57:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.37 Mbit/s

95th percentile per-packet one-way delay: 29.826 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 70.51 Mbit/s

95th percentile per-packet one-way delay: 29.846 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 33.75 Mbit/s

95th percentile per-packet one-way delay: 28.762 ms

Loss rate: 0.02%

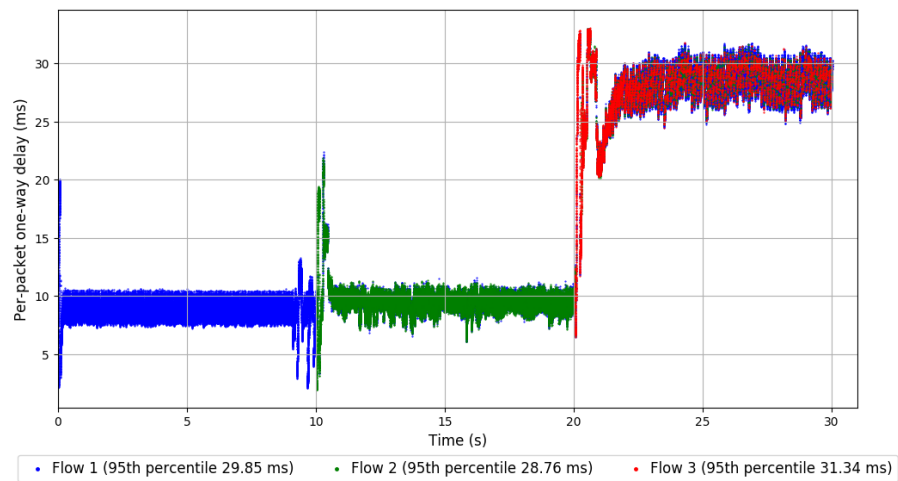
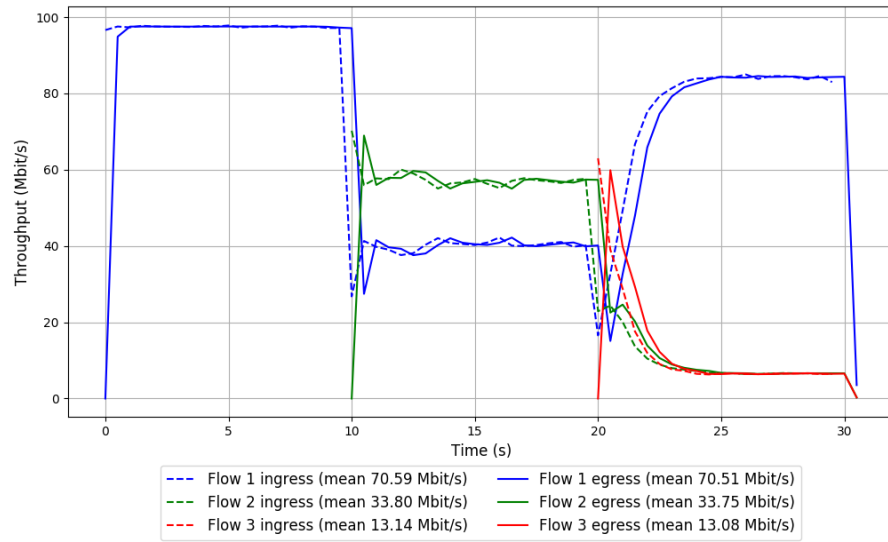
-- Flow 3:

Average throughput: 13.08 Mbit/s

95th percentile per-packet one-way delay: 31.345 ms

Loss rate: 0.26%

Run 7: Report of TCP BBR — Data Link

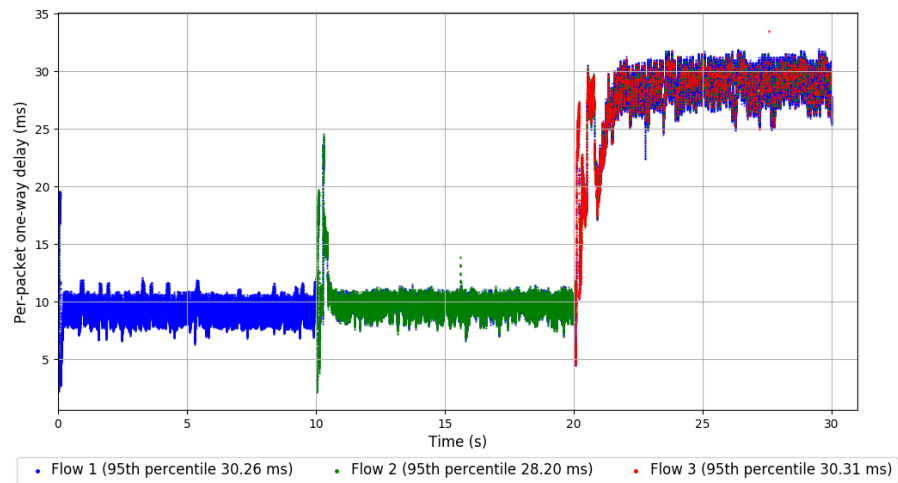
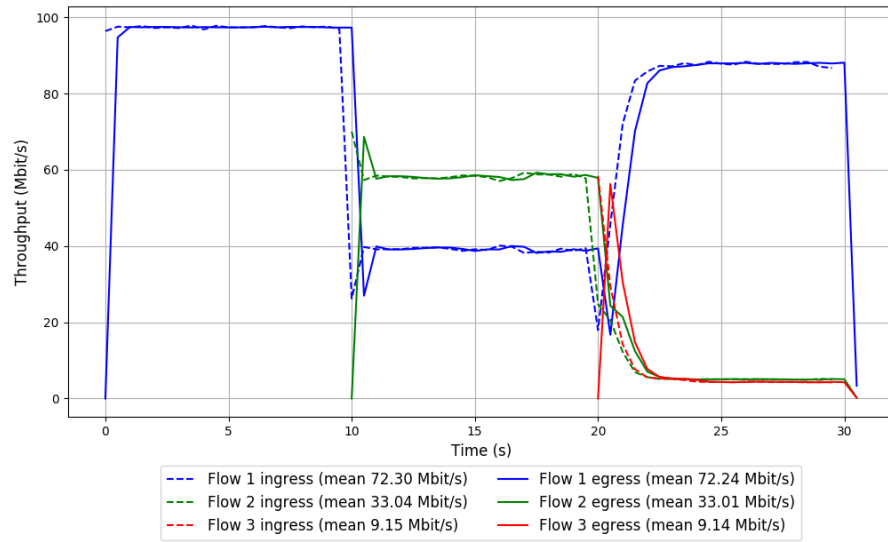


Run 8: Statistics of TCP BBR

Start at: 2018-08-09 11:07:51
End at: 2018-08-09 11:08:21
Local clock offset: -8.699 ms
Remote clock offset: 10.815 ms

Below is generated by plot.py at 2018-08-09 11:57:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.28 Mbit/s
95th percentile per-packet one-way delay: 30.126 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.24 Mbit/s
95th percentile per-packet one-way delay: 30.263 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.01 Mbit/s
95th percentile per-packet one-way delay: 28.199 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.14 Mbit/s
95th percentile per-packet one-way delay: 30.307 ms
Loss rate: 0.00%

Run 8: Report of TCP BBR — Data Link

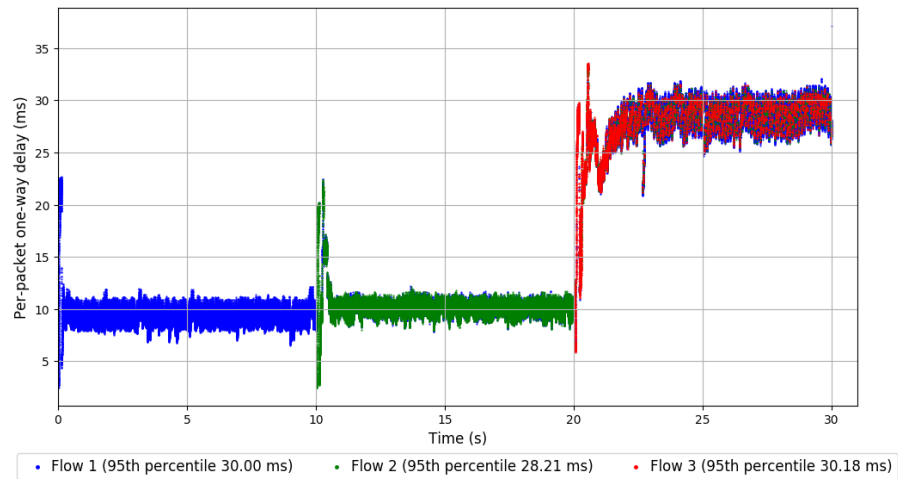
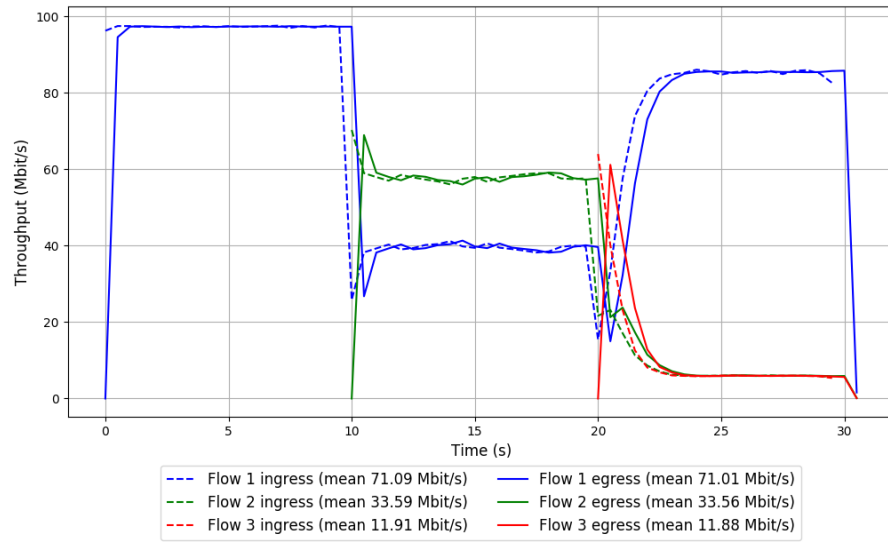


Run 9: Statistics of TCP BBR

Start at: 2018-08-09 11:27:03
End at: 2018-08-09 11:27:33
Local clock offset: -4.265 ms
Remote clock offset: 13.366 ms

Below is generated by plot.py at 2018-08-09 11:58:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.31 Mbit/s
95th percentile per-packet one-way delay: 29.920 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 71.01 Mbit/s
95th percentile per-packet one-way delay: 29.998 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.56 Mbit/s
95th percentile per-packet one-way delay: 28.207 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 11.88 Mbit/s
95th percentile per-packet one-way delay: 30.181 ms
Loss rate: 0.08%

Run 9: Report of TCP BBR — Data Link

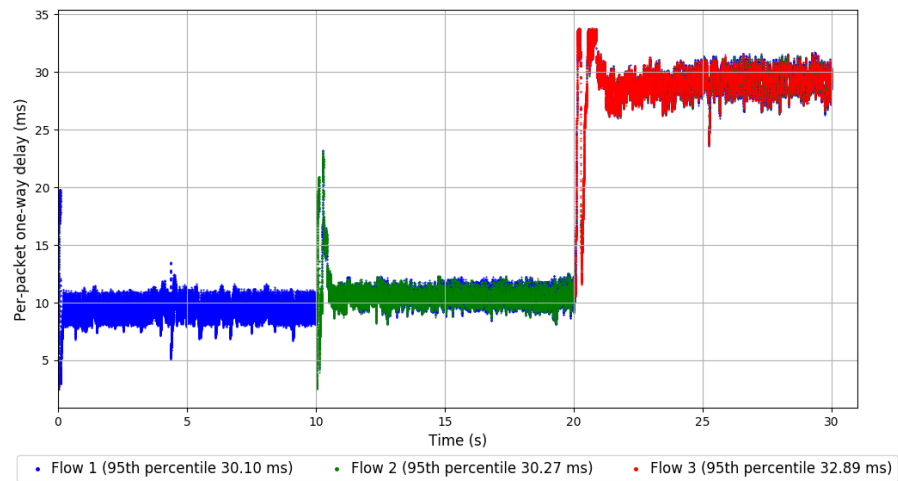
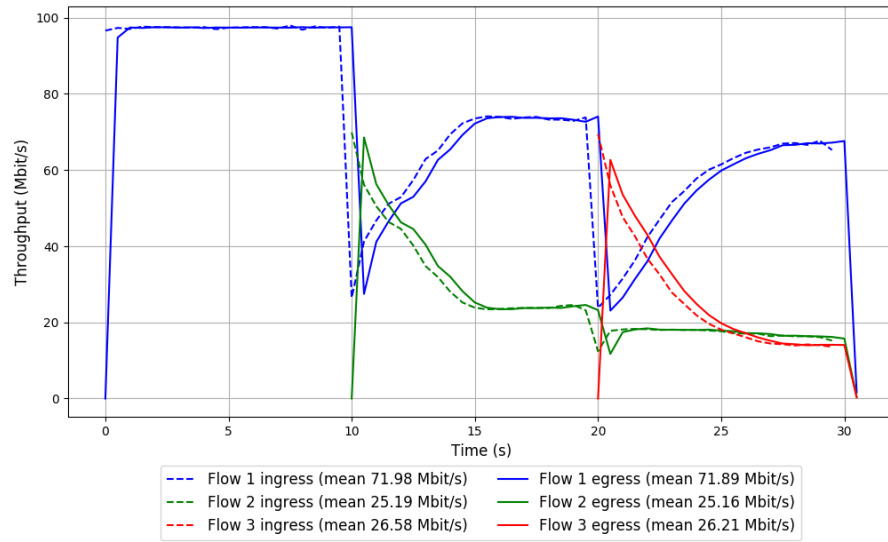


Run 10: Statistics of TCP BBR

Start at: 2018-08-09 11:46:15
End at: 2018-08-09 11:46:45
Local clock offset: -2.127 ms
Remote clock offset: -6.568 ms

Below is generated by plot.py at 2018-08-09 11:58:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 30.331 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 71.89 Mbit/s
95th percentile per-packet one-way delay: 30.103 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 25.16 Mbit/s
95th percentile per-packet one-way delay: 30.269 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 26.21 Mbit/s
95th percentile per-packet one-way delay: 32.894 ms
Loss rate: 1.17%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2018-08-09 08:58:03

End at: 2018-08-09 08:58:33

Local clock offset: -2.408 ms

Remote clock offset: -7.04 ms

Below is generated by plot.py at 2018-08-09 11:59:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.80 Mbit/s

95th percentile per-packet one-way delay: 29.385 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 54.50 Mbit/s

95th percentile per-packet one-way delay: 28.121 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 37.00 Mbit/s

95th percentile per-packet one-way delay: 29.945 ms

Loss rate: 0.01%

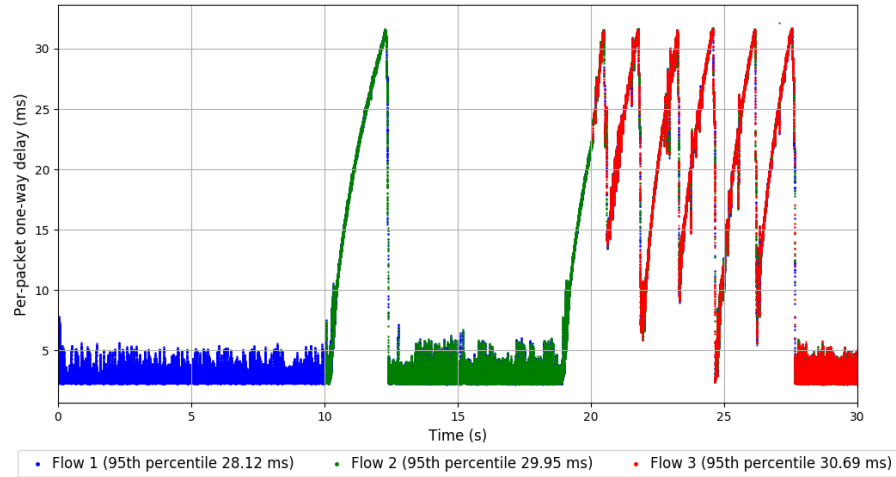
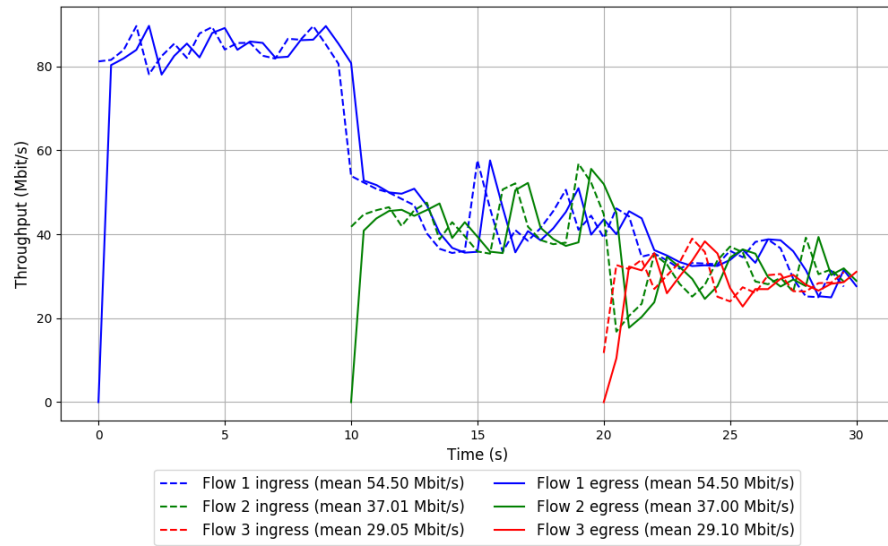
-- Flow 3:

Average throughput: 29.10 Mbit/s

95th percentile per-packet one-way delay: 30.686 ms

Loss rate: 0.03%

Run 1: Report of Copa — Data Link

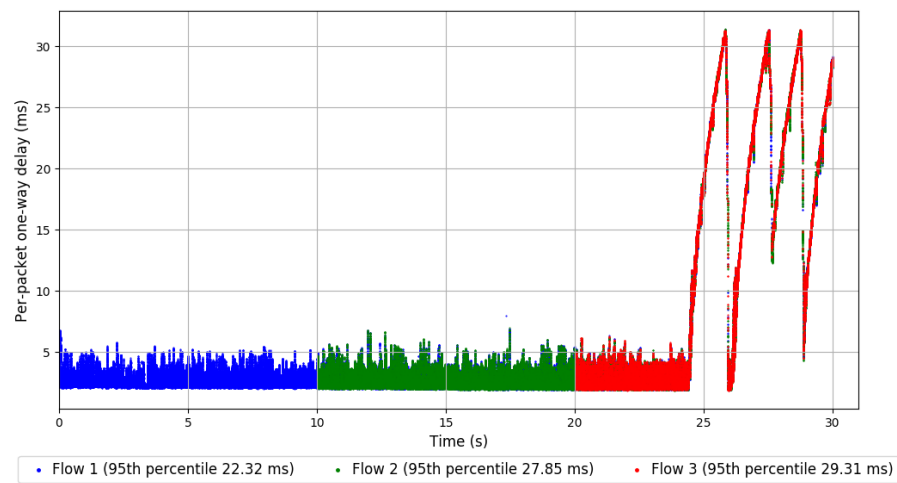
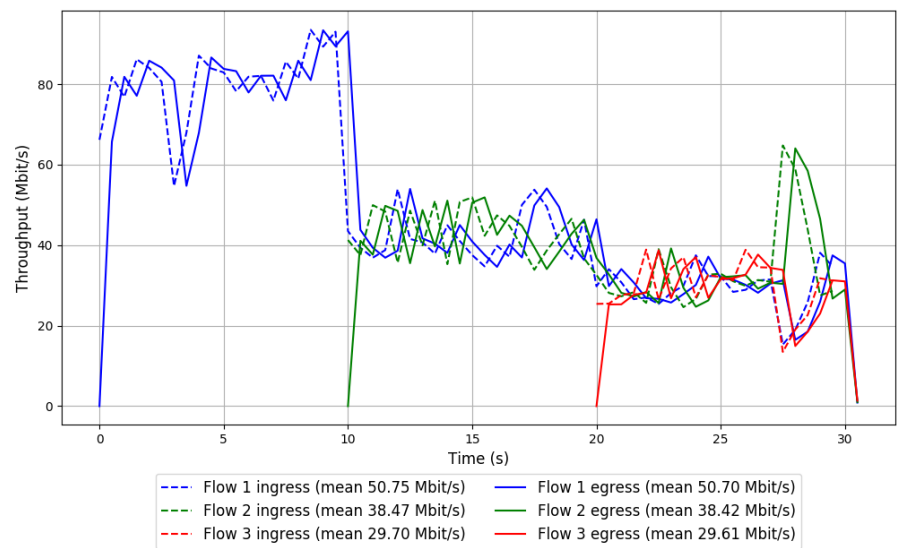


Run 2: Statistics of Copa

Start at: 2018-08-09 09:17:15
End at: 2018-08-09 09:17:45
Local clock offset: -2.869 ms
Remote clock offset: -5.865 ms

Below is generated by plot.py at 2018-08-09 11:59:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.17 Mbit/s
95th percentile per-packet one-way delay: 26.815 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 50.70 Mbit/s
95th percentile per-packet one-way delay: 22.323 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.42 Mbit/s
95th percentile per-packet one-way delay: 27.848 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 29.61 Mbit/s
95th percentile per-packet one-way delay: 29.309 ms
Loss rate: 0.01%

Run 2: Report of Copa — Data Link

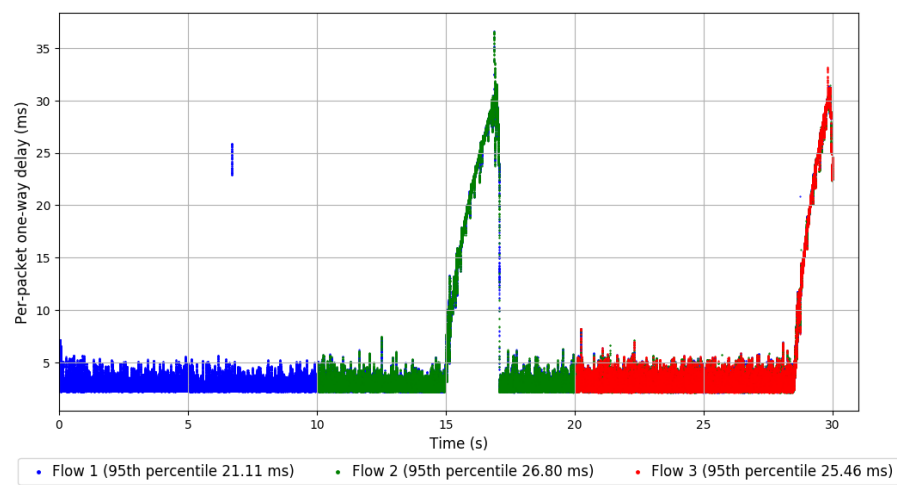
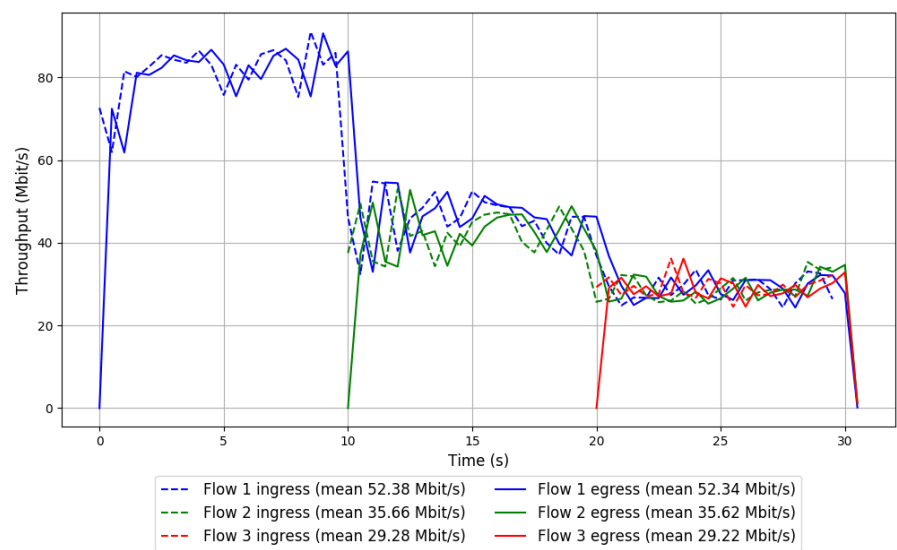


Run 3: Statistics of Copa

Start at: 2018-08-09 09:36:26
End at: 2018-08-09 09:36:56
Local clock offset: -3.649 ms
Remote clock offset: -1.123 ms

Below is generated by plot.py at 2018-08-09 11:59:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.80 Mbit/s
95th percentile per-packet one-way delay: 24.360 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.34 Mbit/s
95th percentile per-packet one-way delay: 21.114 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.62 Mbit/s
95th percentile per-packet one-way delay: 26.804 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.22 Mbit/s
95th percentile per-packet one-way delay: 25.460 ms
Loss rate: 0.00%

Run 3: Report of Copa — Data Link

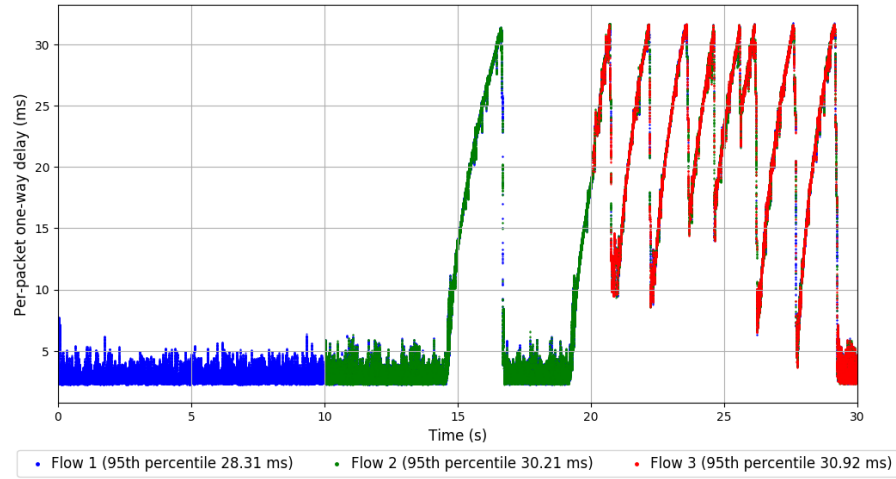
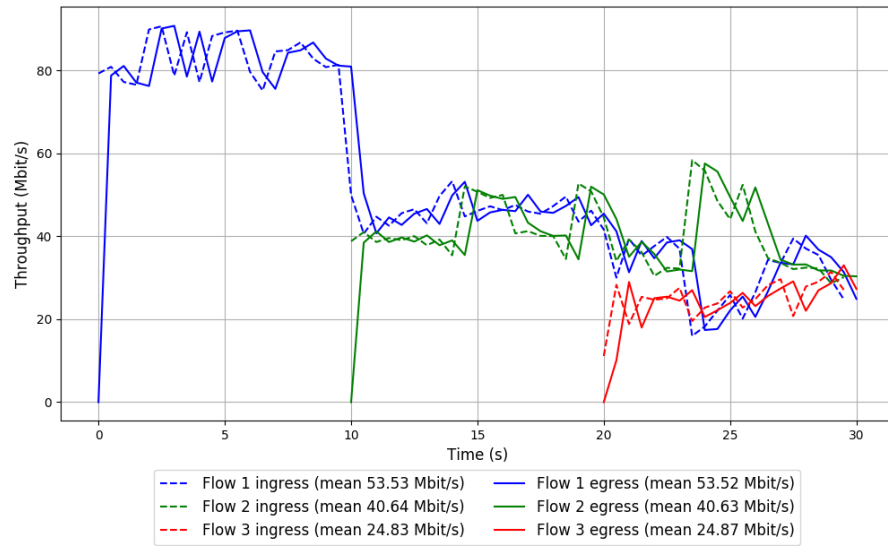


Run 4: Statistics of Copa

Start at: 2018-08-09 09:55:38
End at: 2018-08-09 09:56:08
Local clock offset: -2.874 ms
Remote clock offset: -0.633 ms

Below is generated by plot.py at 2018-08-09 11:59:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.84 Mbit/s
95th percentile per-packet one-way delay: 29.732 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 53.52 Mbit/s
95th percentile per-packet one-way delay: 28.310 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 40.63 Mbit/s
95th percentile per-packet one-way delay: 30.206 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 24.87 Mbit/s
95th percentile per-packet one-way delay: 30.920 ms
Loss rate: 0.04%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-08-09 10:14:50

End at: 2018-08-09 10:15:20

Local clock offset: -2.396 ms

Remote clock offset: -0.47 ms

Below is generated by plot.py at 2018-08-09 11:59:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.00 Mbit/s

95th percentile per-packet one-way delay: 28.951 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 51.11 Mbit/s

95th percentile per-packet one-way delay: 26.464 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 38.94 Mbit/s

95th percentile per-packet one-way delay: 29.302 ms

Loss rate: 0.01%

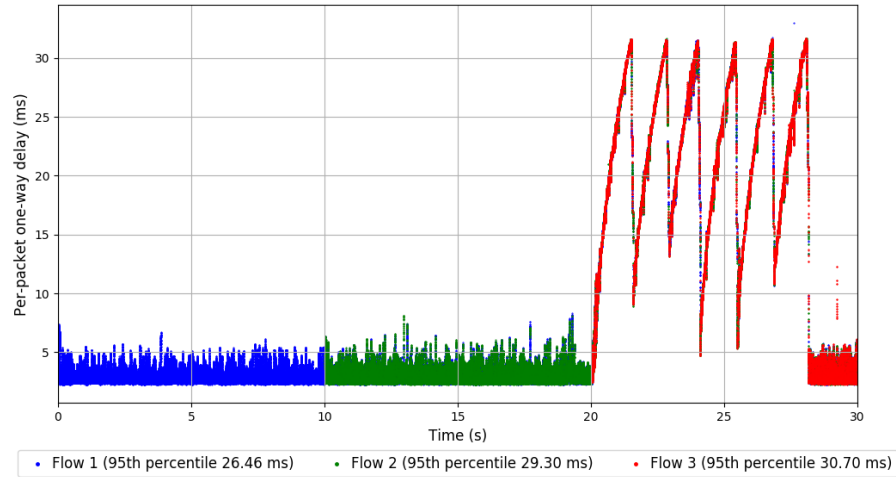
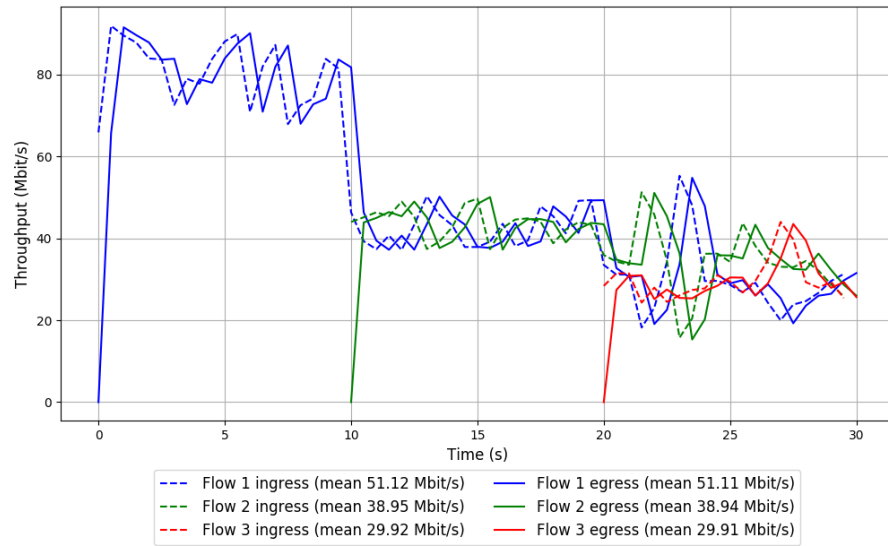
-- Flow 3:

Average throughput: 29.91 Mbit/s

95th percentile per-packet one-way delay: 30.695 ms

Loss rate: 0.03%

Run 5: Report of Copa — Data Link



Run 6: Statistics of Copa

Start at: 2018-08-09 10:34:01

End at: 2018-08-09 10:34:31

Local clock offset: -2.816 ms

Remote clock offset: 5.083 ms

Below is generated by plot.py at 2018-08-09 11:59:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.72 Mbit/s

95th percentile per-packet one-way delay: 29.556 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 52.43 Mbit/s

95th percentile per-packet one-way delay: 28.149 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 38.02 Mbit/s

95th percentile per-packet one-way delay: 30.042 ms

Loss rate: 0.02%

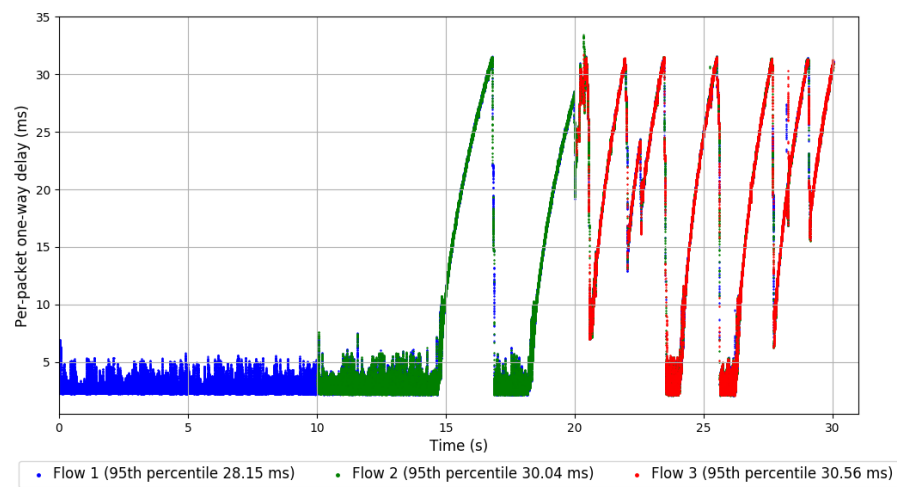
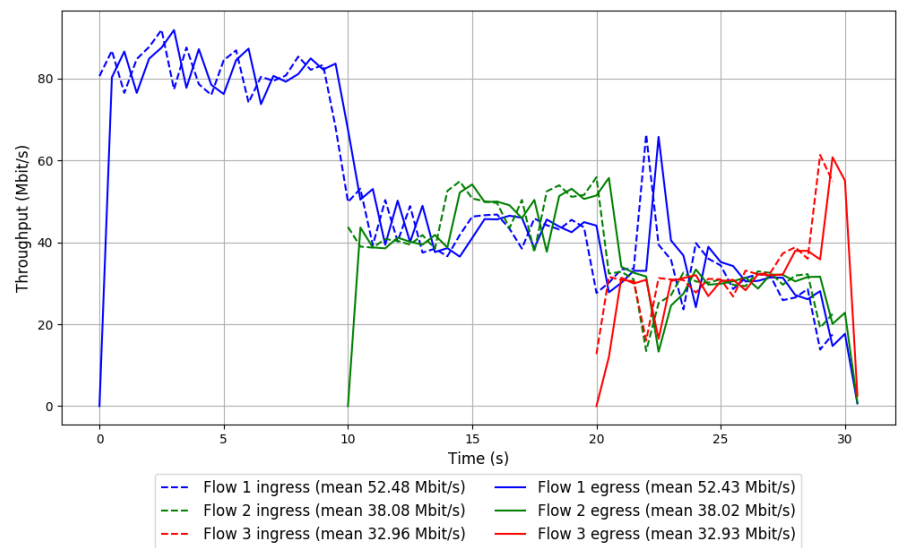
-- Flow 3:

Average throughput: 32.93 Mbit/s

95th percentile per-packet one-way delay: 30.560 ms

Loss rate: 0.02%

Run 6: Report of Copa — Data Link

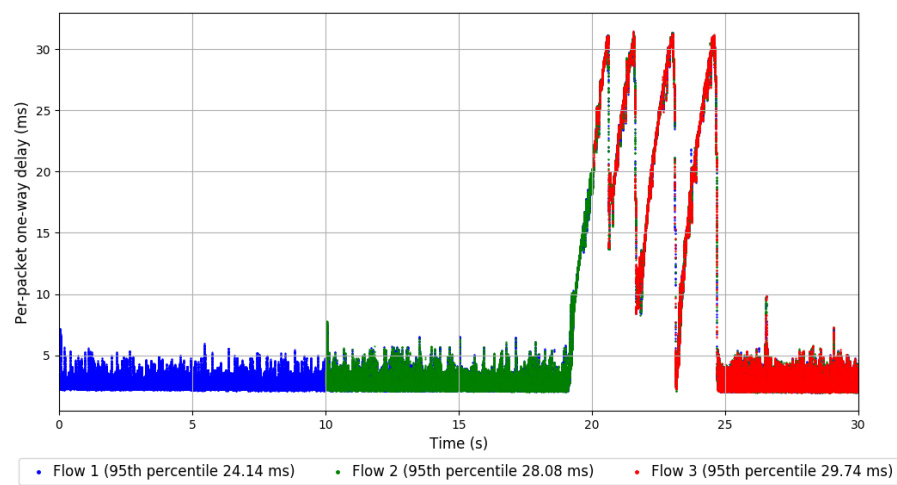
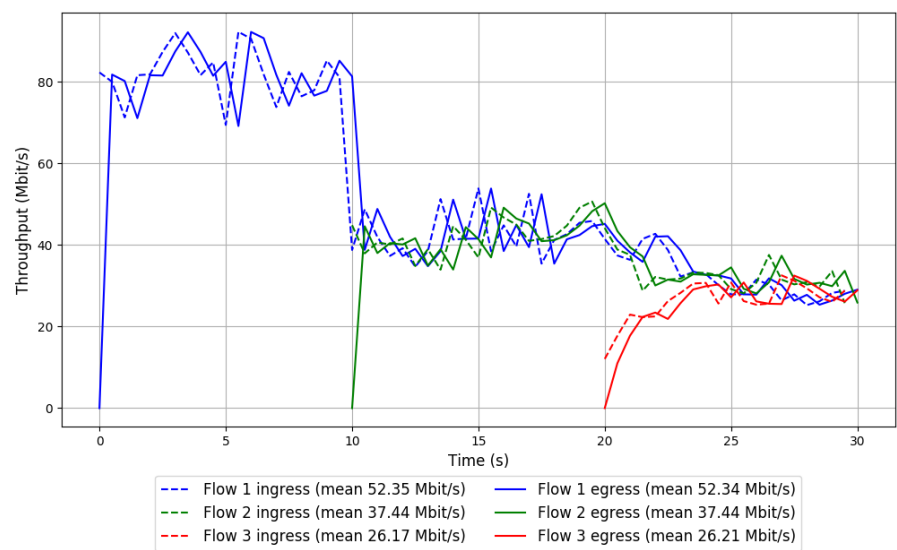


Run 7: Statistics of Copa

Start at: 2018-08-09 10:53:13
End at: 2018-08-09 10:53:43
Local clock offset: -6.102 ms
Remote clock offset: 8.887 ms

Below is generated by plot.py at 2018-08-09 12:00:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.98 Mbit/s
95th percentile per-packet one-way delay: 27.050 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.34 Mbit/s
95th percentile per-packet one-way delay: 24.144 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.44 Mbit/s
95th percentile per-packet one-way delay: 28.076 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.21 Mbit/s
95th percentile per-packet one-way delay: 29.737 ms
Loss rate: 0.02%

Run 7: Report of Copa — Data Link

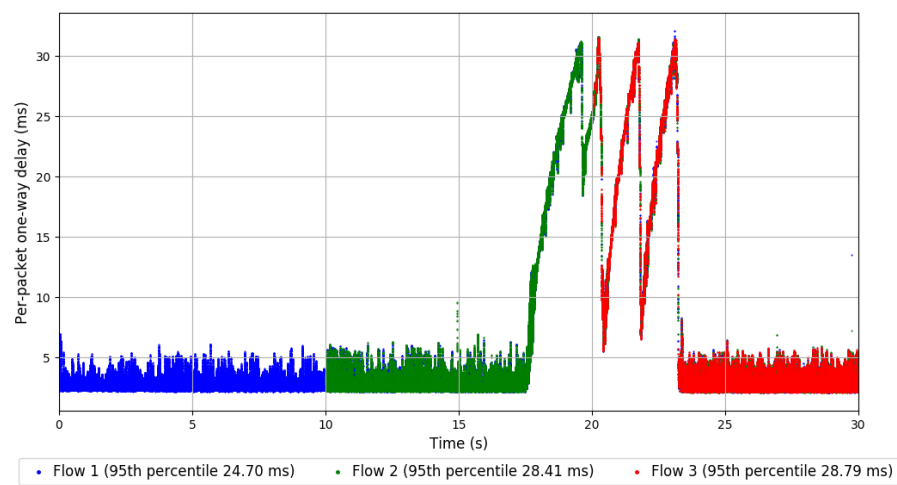
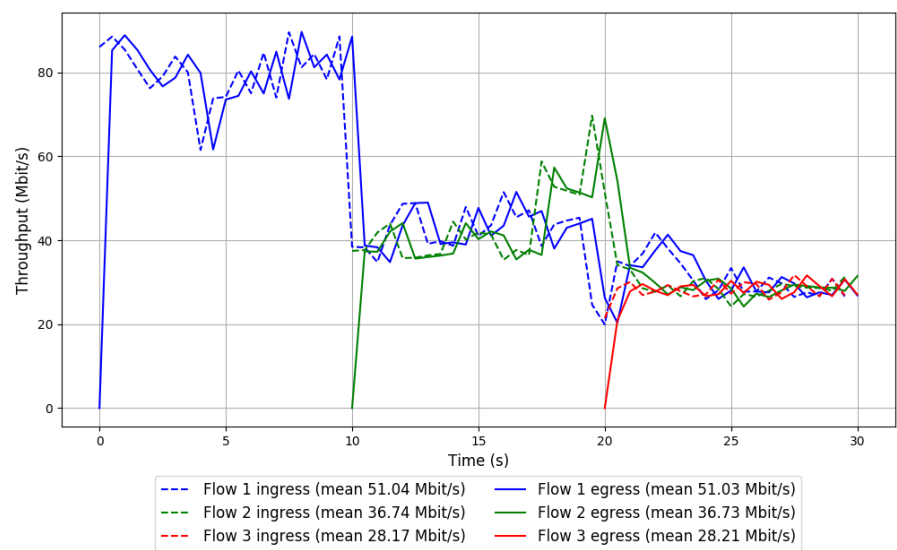


Run 8: Statistics of Copa

Start at: 2018-08-09 11:12:26
End at: 2018-08-09 11:12:56
Local clock offset: -9.087 ms
Remote clock offset: 11.492 ms

Below is generated by plot.py at 2018-08-09 12:00:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.86 Mbit/s
95th percentile per-packet one-way delay: 27.173 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 51.03 Mbit/s
95th percentile per-packet one-way delay: 24.697 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.73 Mbit/s
95th percentile per-packet one-way delay: 28.409 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 28.21 Mbit/s
95th percentile per-packet one-way delay: 28.789 ms
Loss rate: 0.05%

Run 8: Report of Copa — Data Link

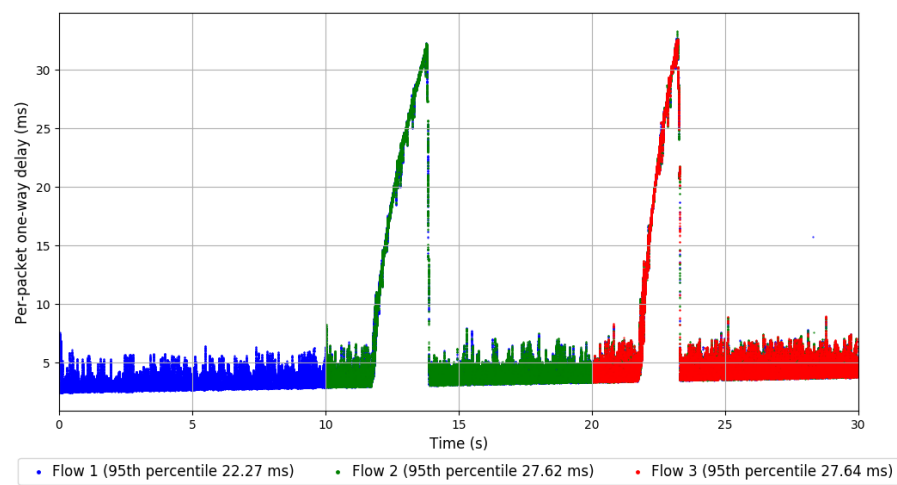
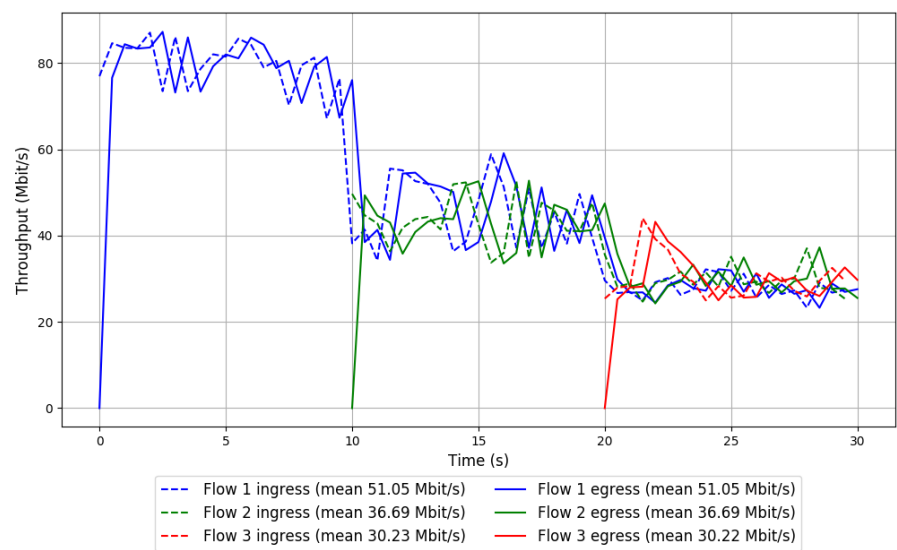


Run 9: Statistics of Copa

Start at: 2018-08-09 11:31:38
End at: 2018-08-09 11:32:08
Local clock offset: -3.299 ms
Remote clock offset: 13.089 ms

Below is generated by plot.py at 2018-08-09 12:01:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.53 Mbit/s
95th percentile per-packet one-way delay: 25.404 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 51.05 Mbit/s
95th percentile per-packet one-way delay: 22.266 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.69 Mbit/s
95th percentile per-packet one-way delay: 27.619 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 30.22 Mbit/s
95th percentile per-packet one-way delay: 27.637 ms
Loss rate: 0.01%

Run 9: Report of Copa — Data Link

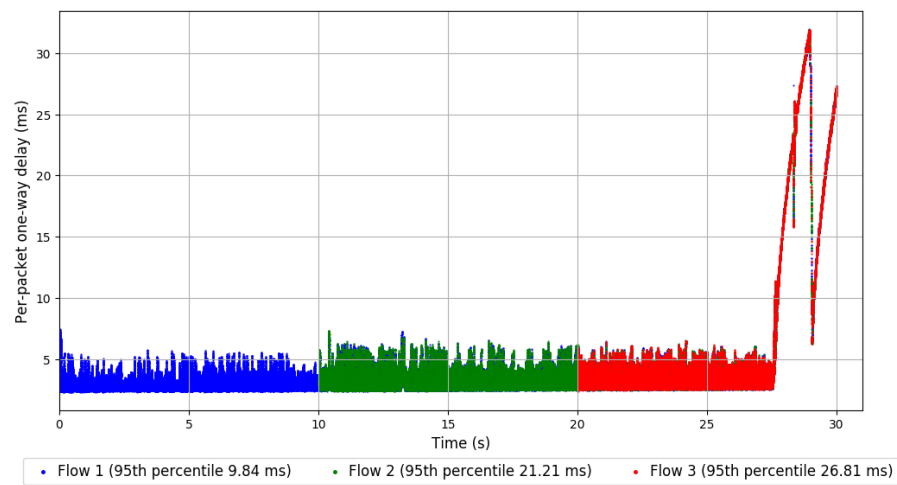
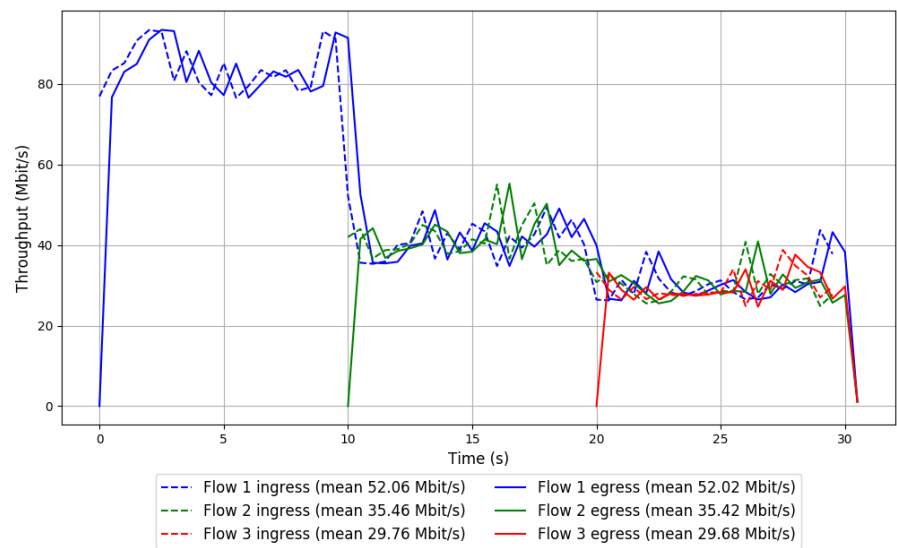


Run 10: Statistics of Copa

Start at: 2018-08-09 11:50:50
End at: 2018-08-09 11:51:20
Local clock offset: -2.166 ms
Remote clock offset: -9.256 ms

Below is generated by plot.py at 2018-08-09 12:01:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.51 Mbit/s
95th percentile per-packet one-way delay: 19.965 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.02 Mbit/s
95th percentile per-packet one-way delay: 9.837 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.42 Mbit/s
95th percentile per-packet one-way delay: 21.214 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.68 Mbit/s
95th percentile per-packet one-way delay: 26.809 ms
Loss rate: 0.01%

Run 10: Report of Copa — Data Link



Run 1: Statistics of TCP Cubic

Start at: 2018-08-09 08:56:55

End at: 2018-08-09 08:57:25

Local clock offset: -2.429 ms

Remote clock offset: -7.04 ms

Below is generated by plot.py at 2018-08-09 12:01:13

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.758 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 62.02 Mbit/s

95th percentile per-packet one-way delay: 32.614 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 39.17 Mbit/s

95th percentile per-packet one-way delay: 32.790 ms

Loss rate: 0.07%

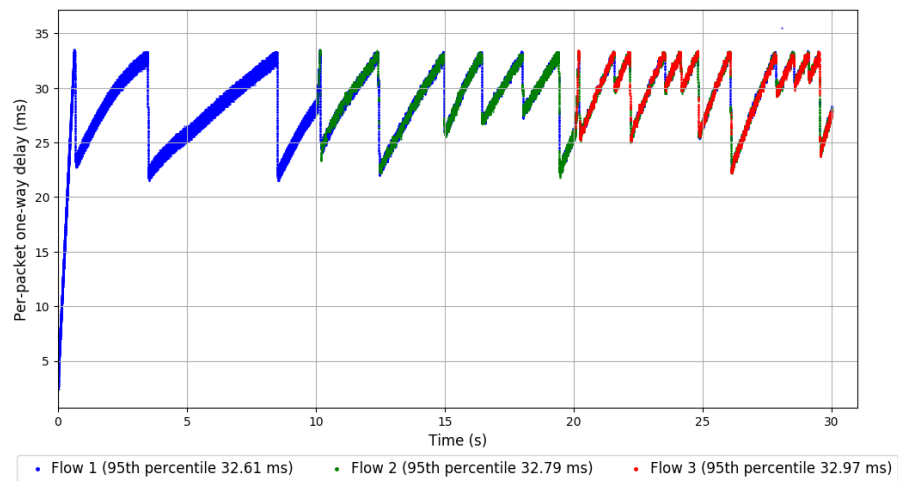
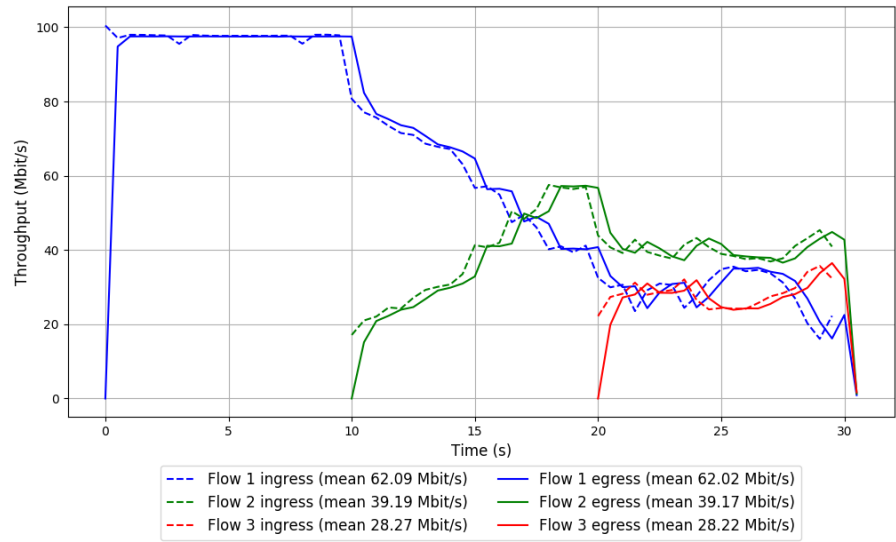
-- Flow 3:

Average throughput: 28.22 Mbit/s

95th percentile per-packet one-way delay: 32.974 ms

Loss rate: 0.15%

Run 1: Report of TCP Cubic — Data Link

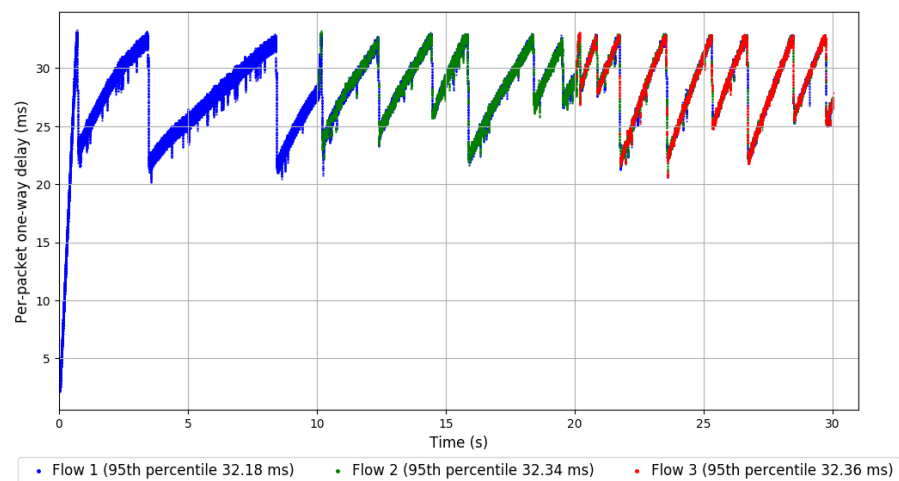
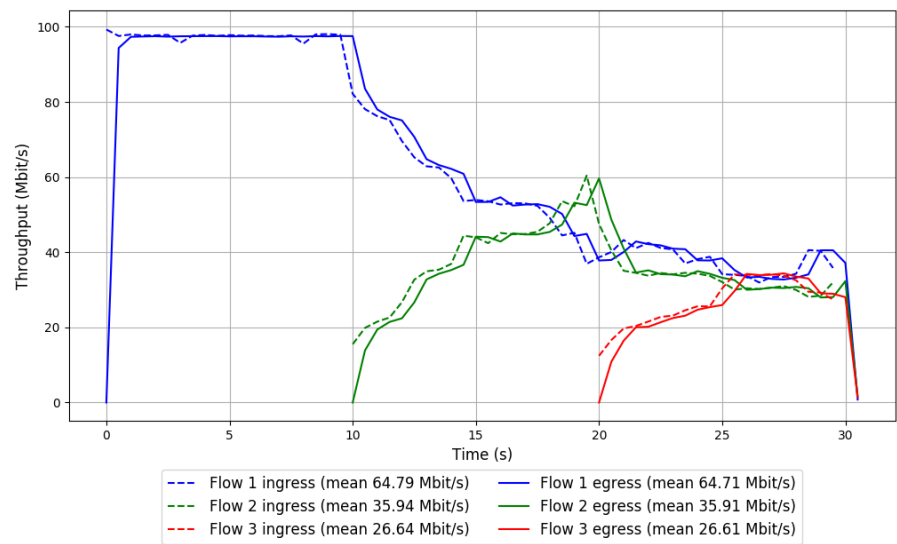


Run 2: Statistics of TCP Cubic

Start at: 2018-08-09 09:16:07
End at: 2018-08-09 09:16:37
Local clock offset: -2.848 ms
Remote clock offset: -6.533 ms

Below is generated by plot.py at 2018-08-09 12:01:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.42 Mbit/s
95th percentile per-packet one-way delay: 32.262 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 64.71 Mbit/s
95th percentile per-packet one-way delay: 32.179 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 35.91 Mbit/s
95th percentile per-packet one-way delay: 32.340 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 26.61 Mbit/s
95th percentile per-packet one-way delay: 32.358 ms
Loss rate: 0.14%

Run 2: Report of TCP Cubic — Data Link

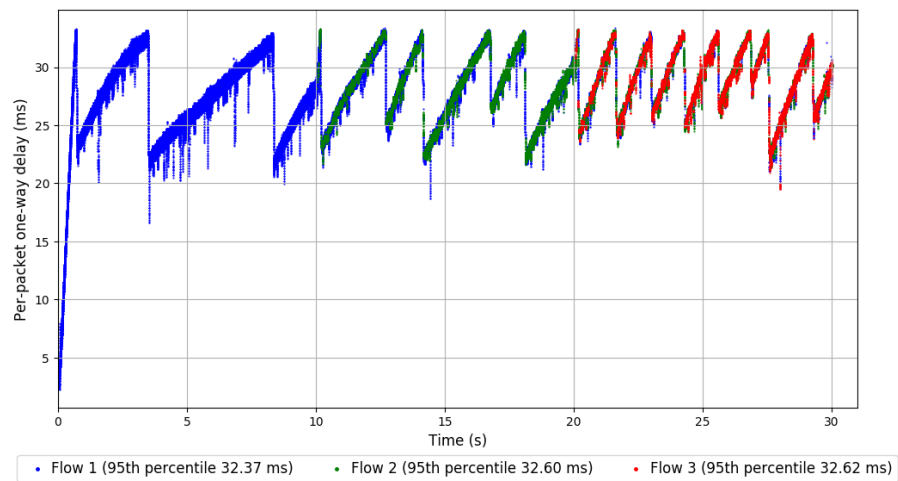
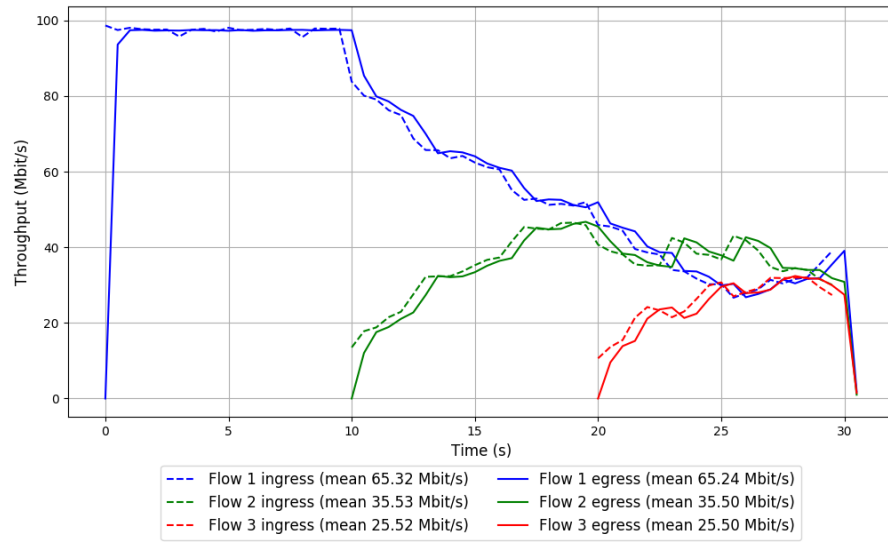


Run 3: Statistics of TCP Cubic

Start at: 2018-08-09 09:35:19
End at: 2018-08-09 09:35:49
Local clock offset: -3.622 ms
Remote clock offset: -1.247 ms

Below is generated by plot.py at 2018-08-09 12:01:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.33 Mbit/s
95th percentile per-packet one-way delay: 32.414 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 65.24 Mbit/s
95th percentile per-packet one-way delay: 32.370 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 35.50 Mbit/s
95th percentile per-packet one-way delay: 32.603 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 25.50 Mbit/s
95th percentile per-packet one-way delay: 32.617 ms
Loss rate: 0.10%

Run 3: Report of TCP Cubic — Data Link

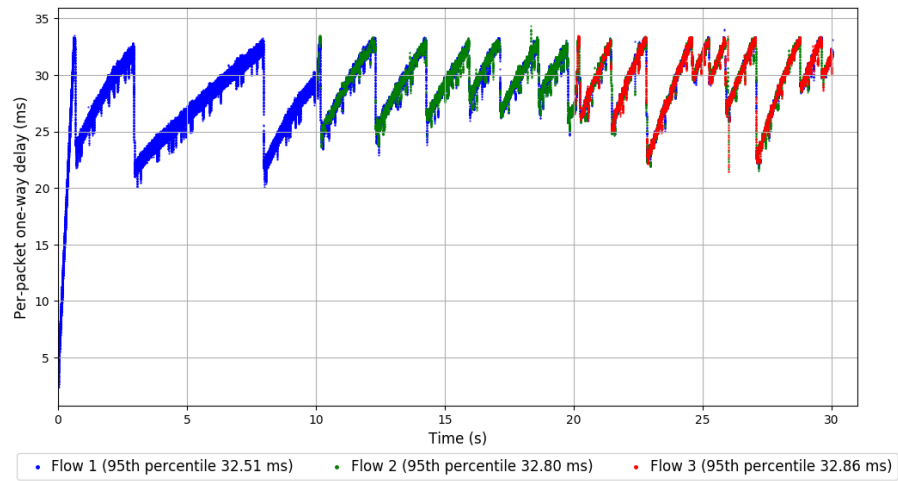
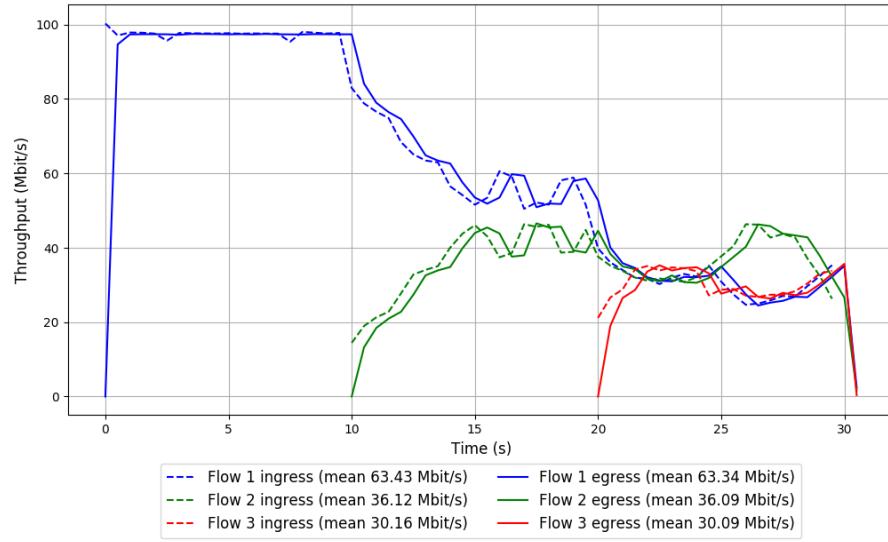


Run 4: Statistics of TCP Cubic

Start at: 2018-08-09 09:54:31
End at: 2018-08-09 09:55:01
Local clock offset: -2.927 ms
Remote clock offset: -0.501 ms

Below is generated by plot.py at 2018-08-09 12:01:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 32.600 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 63.34 Mbit/s
95th percentile per-packet one-way delay: 32.505 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 36.09 Mbit/s
95th percentile per-packet one-way delay: 32.802 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 30.09 Mbit/s
95th percentile per-packet one-way delay: 32.863 ms
Loss rate: 0.18%

Run 4: Report of TCP Cubic — Data Link

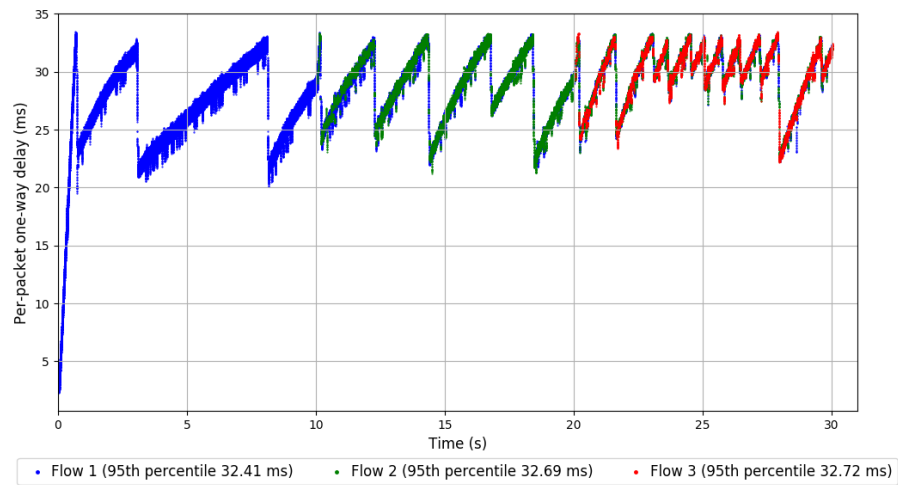
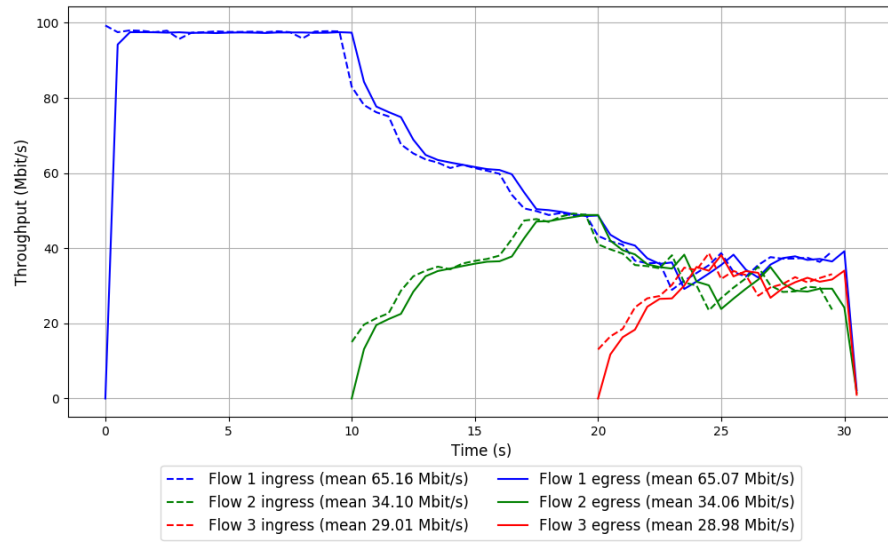


Run 5: Statistics of TCP Cubic

Start at: 2018-08-09 10:13:43
End at: 2018-08-09 10:14:13
Local clock offset: -2.404 ms
Remote clock offset: -0.516 ms

Below is generated by plot.py at 2018-08-09 12:01:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.36 Mbit/s
95th percentile per-packet one-way delay: 32.479 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 65.07 Mbit/s
95th percentile per-packet one-way delay: 32.412 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 34.06 Mbit/s
95th percentile per-packet one-way delay: 32.687 ms
Loss rate: 0.10%
-- Flow 3:
Average throughput: 28.98 Mbit/s
95th percentile per-packet one-way delay: 32.721 ms
Loss rate: 0.10%

Run 5: Report of TCP Cubic — Data Link

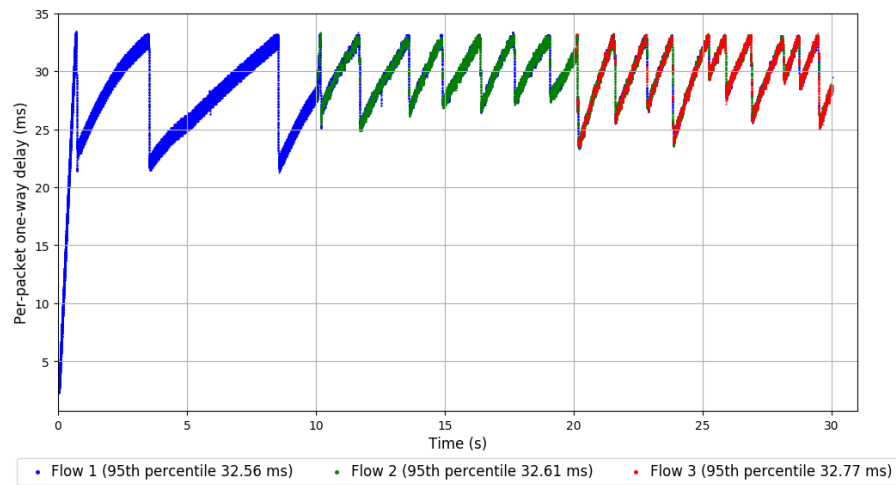
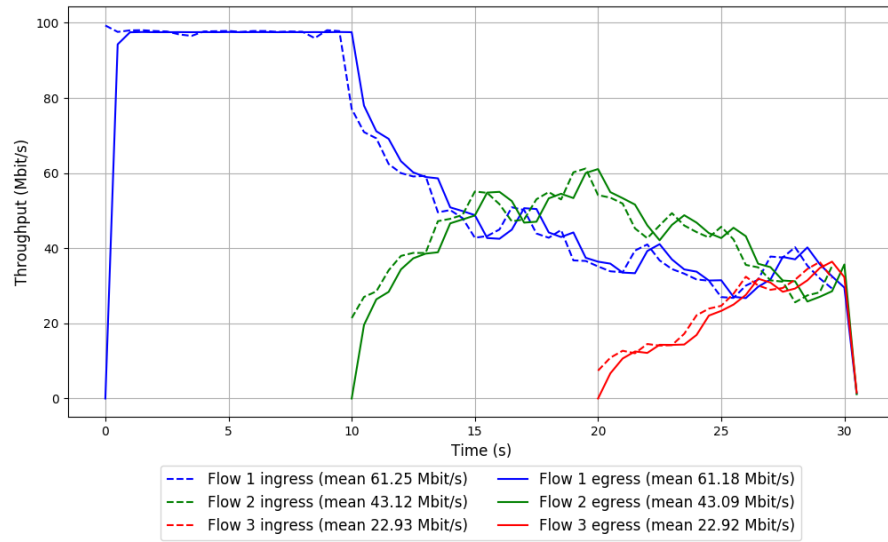


Run 6: Statistics of TCP Cubic

Start at: 2018-08-09 10:32:54
End at: 2018-08-09 10:33:24
Local clock offset: -2.889 ms
Remote clock offset: 4.693 ms

Below is generated by plot.py at 2018-08-09 12:01:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.592 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 61.18 Mbit/s
95th percentile per-packet one-way delay: 32.558 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 43.09 Mbit/s
95th percentile per-packet one-way delay: 32.613 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 22.92 Mbit/s
95th percentile per-packet one-way delay: 32.766 ms
Loss rate: 0.06%

Run 6: Report of TCP Cubic — Data Link



Run 7: Statistics of TCP Cubic

Start at: 2018-08-09 10:52:05

End at: 2018-08-09 10:52:35

Local clock offset: -5.684 ms

Remote clock offset: 8.685 ms

Below is generated by plot.py at 2018-08-09 12:01:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.05 Mbit/s

95th percentile per-packet one-way delay: 32.147 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 63.91 Mbit/s

95th percentile per-packet one-way delay: 32.081 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 36.39 Mbit/s

95th percentile per-packet one-way delay: 32.308 ms

Loss rate: 0.07%

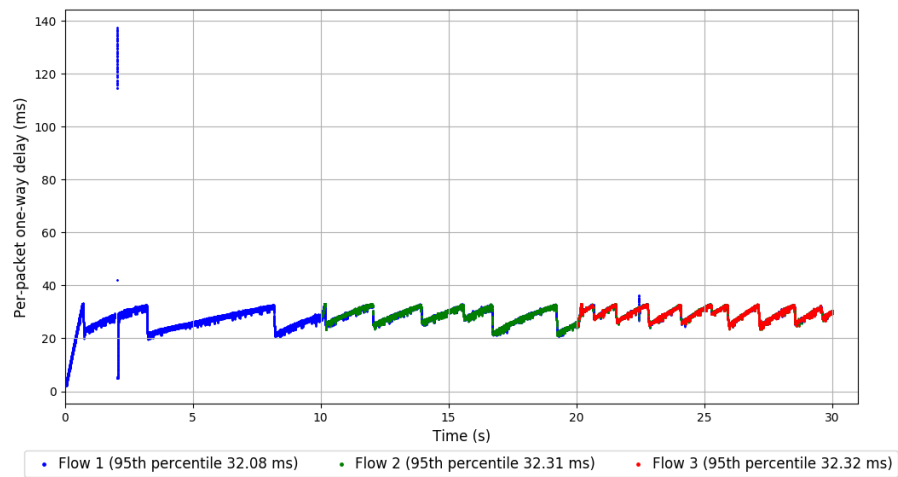
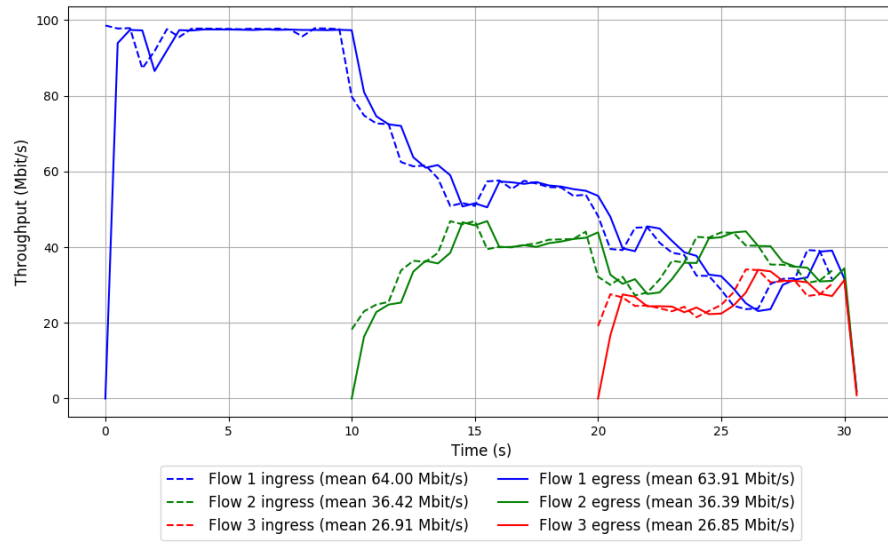
-- Flow 3:

Average throughput: 26.85 Mbit/s

95th percentile per-packet one-way delay: 32.316 ms

Loss rate: 0.18%

Run 7: Report of TCP Cubic — Data Link

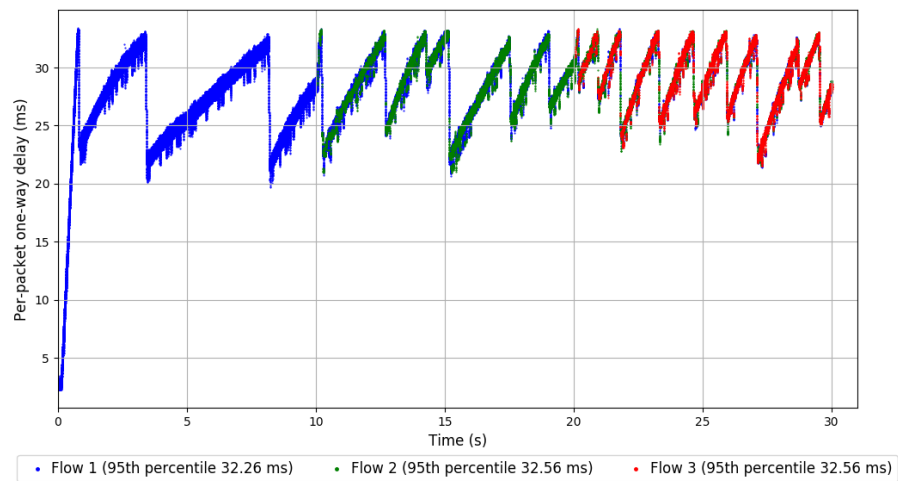
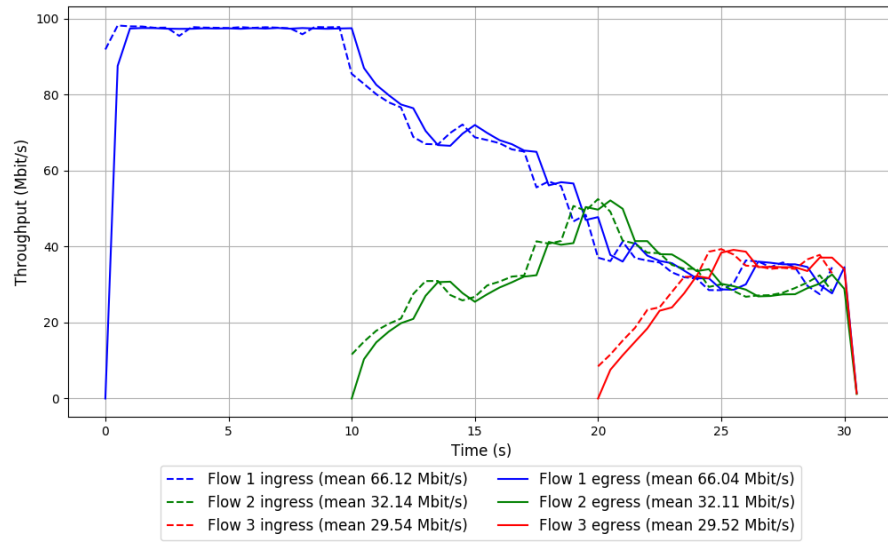


Run 8: Statistics of TCP Cubic

Start at: 2018-08-09 11:11:18
End at: 2018-08-09 11:11:48
Local clock offset: -9.018 ms
Remote clock offset: 11.324 ms

Below is generated by plot.py at 2018-08-09 12:01:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 32.355 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 66.04 Mbit/s
95th percentile per-packet one-way delay: 32.255 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 32.11 Mbit/s
95th percentile per-packet one-way delay: 32.564 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 29.52 Mbit/s
95th percentile per-packet one-way delay: 32.563 ms
Loss rate: 0.08%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2018-08-09 11:30:30

End at: 2018-08-09 11:31:00

Local clock offset: -3.49 ms

Remote clock offset: 13.81 ms

Below is generated by plot.py at 2018-08-09 12:01:47

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.36 Mbit/s

95th percentile per-packet one-way delay: 32.570 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 65.05 Mbit/s

95th percentile per-packet one-way delay: 32.548 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 35.06 Mbit/s

95th percentile per-packet one-way delay: 32.585 ms

Loss rate: 0.08%

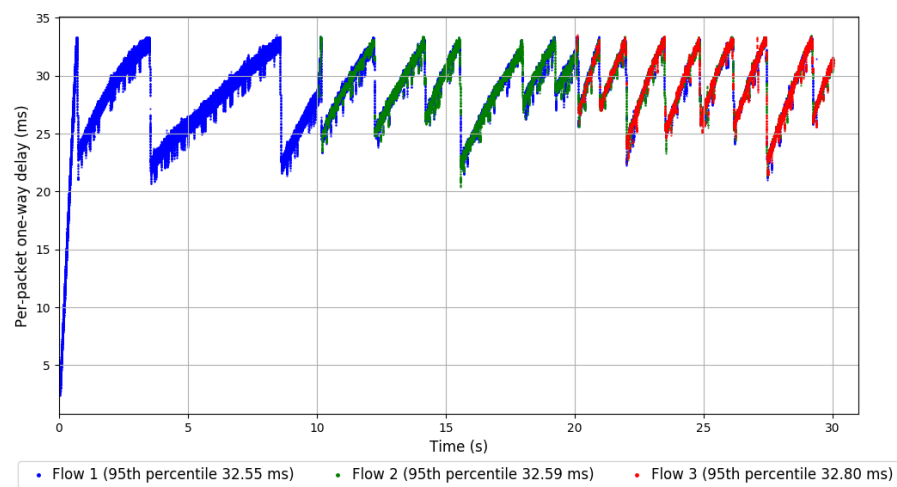
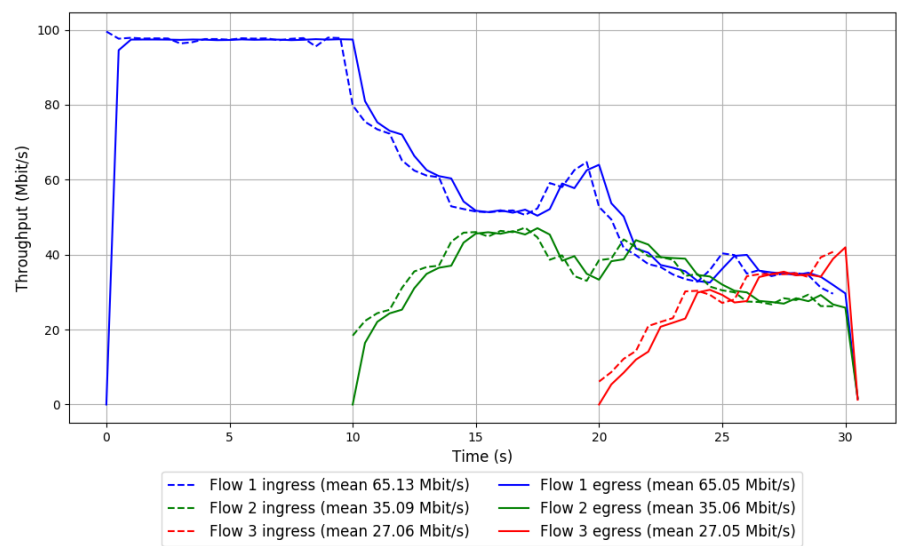
-- Flow 3:

Average throughput: 27.05 Mbit/s

95th percentile per-packet one-way delay: 32.799 ms

Loss rate: 0.06%

Run 9: Report of TCP Cubic — Data Link



Run 10: Statistics of TCP Cubic

Start at: 2018-08-09 11:49:42

End at: 2018-08-09 11:50:12

Local clock offset: -2.14 ms

Remote clock offset: -8.63 ms

Below is generated by plot.py at 2018-08-09 12:01:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 32.970 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 63.65 Mbit/s

95th percentile per-packet one-way delay: 32.856 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 35.87 Mbit/s

95th percentile per-packet one-way delay: 33.028 ms

Loss rate: 0.09%

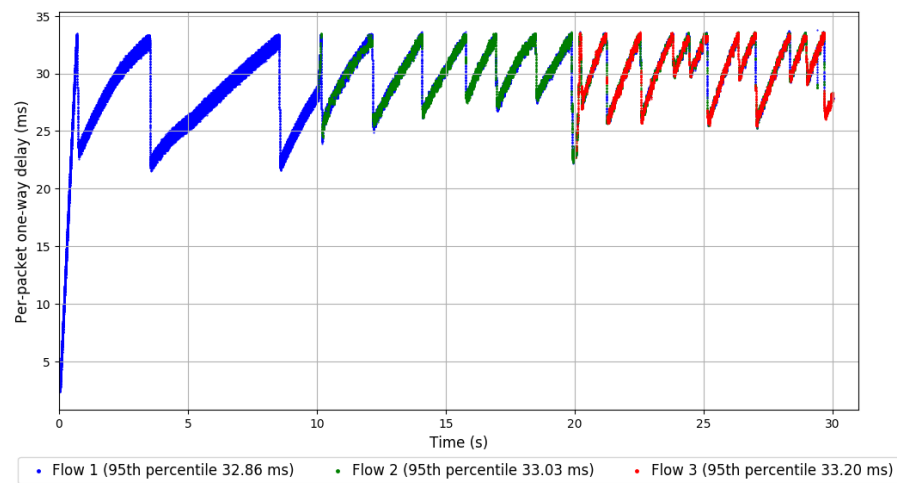
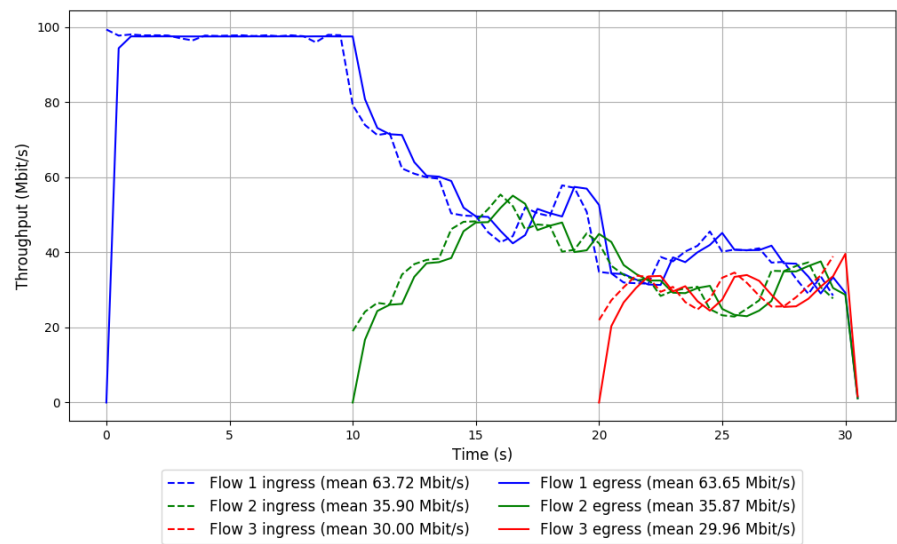
-- Flow 3:

Average throughput: 29.96 Mbit/s

95th percentile per-packet one-way delay: 33.198 ms

Loss rate: 0.08%

Run 10: Report of TCP Cubic — Data Link

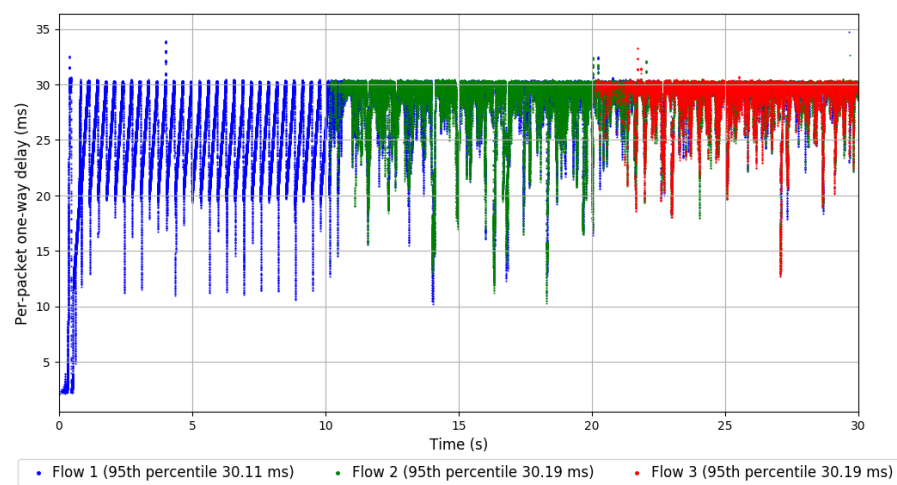
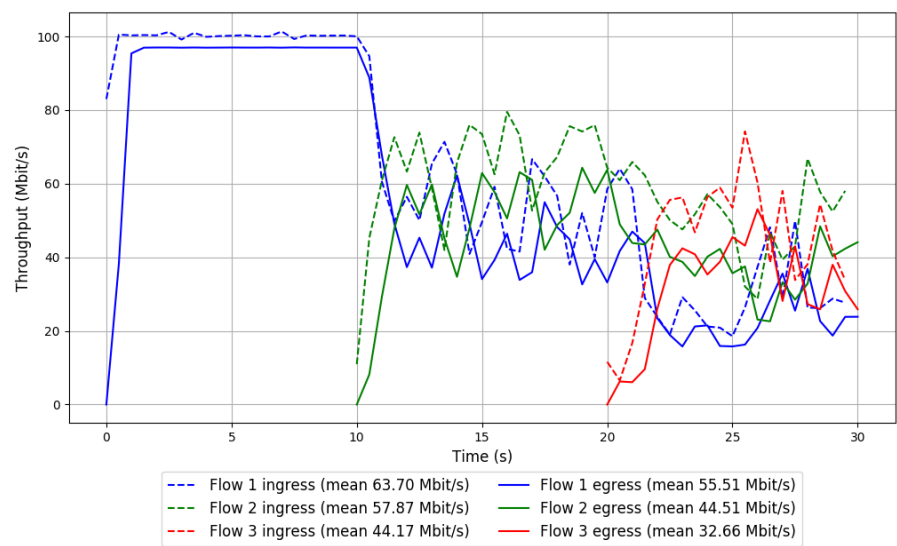


Run 1: Statistics of FillP

Start at: 2018-08-09 08:48:57
End at: 2018-08-09 08:49:27
Local clock offset: -1.644 ms
Remote clock offset: -7.359 ms

Below is generated by plot.py at 2018-08-09 12:02:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.97 Mbit/s
95th percentile per-packet one-way delay: 30.156 ms
Loss rate: 17.83%
-- Flow 1:
Average throughput: 55.51 Mbit/s
95th percentile per-packet one-way delay: 30.107 ms
Loss rate: 12.78%
-- Flow 2:
Average throughput: 44.51 Mbit/s
95th percentile per-packet one-way delay: 30.186 ms
Loss rate: 23.07%
-- Flow 3:
Average throughput: 32.66 Mbit/s
95th percentile per-packet one-way delay: 30.189 ms
Loss rate: 26.00%

Run 1: Report of FillP — Data Link

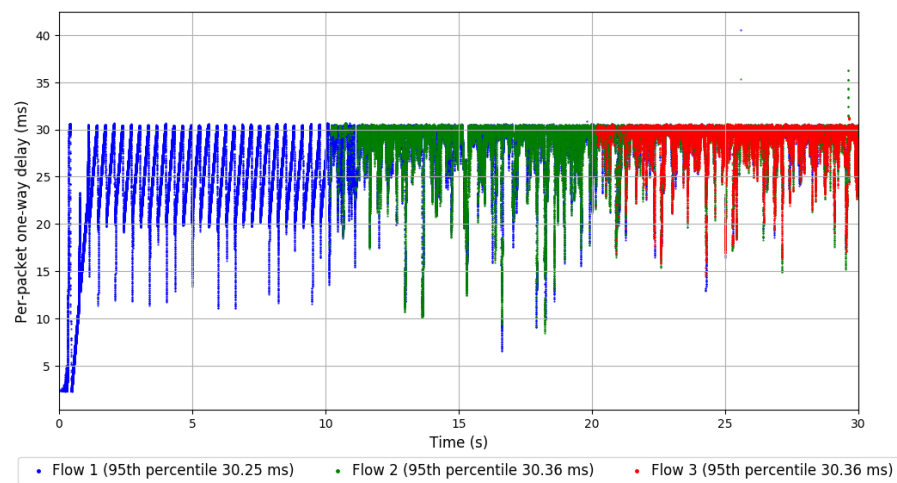
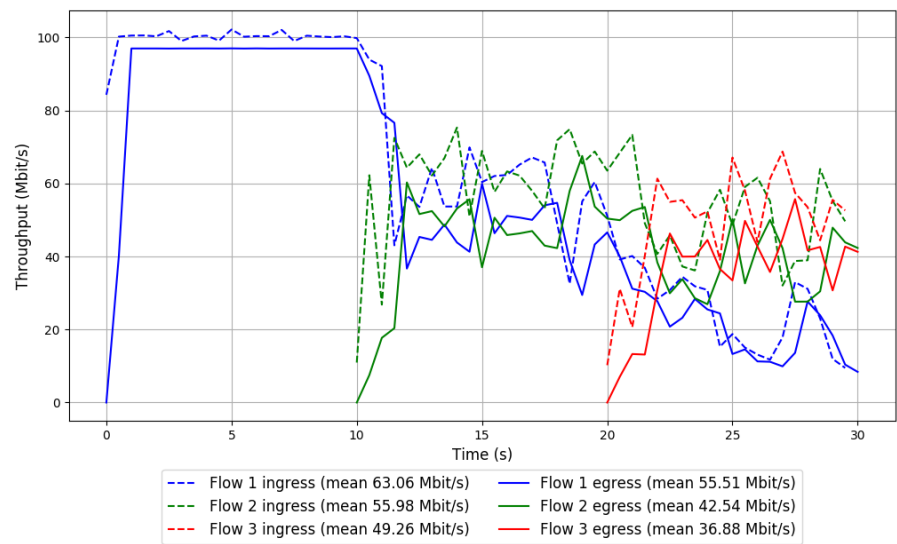


Run 2: Statistics of FillP

Start at: 2018-08-09 09:08:09
End at: 2018-08-09 09:08:39
Local clock offset: -2.745 ms
Remote clock offset: -7.096 ms

Below is generated by plot.py at 2018-08-09 12:02:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.03 Mbit/s
95th percentile per-packet one-way delay: 30.314 ms
Loss rate: 17.61%
-- Flow 1:
Average throughput: 55.51 Mbit/s
95th percentile per-packet one-way delay: 30.247 ms
Loss rate: 11.88%
-- Flow 2:
Average throughput: 42.54 Mbit/s
95th percentile per-packet one-way delay: 30.356 ms
Loss rate: 24.01%
-- Flow 3:
Average throughput: 36.88 Mbit/s
95th percentile per-packet one-way delay: 30.358 ms
Loss rate: 25.12%

Run 2: Report of FillP — Data Link

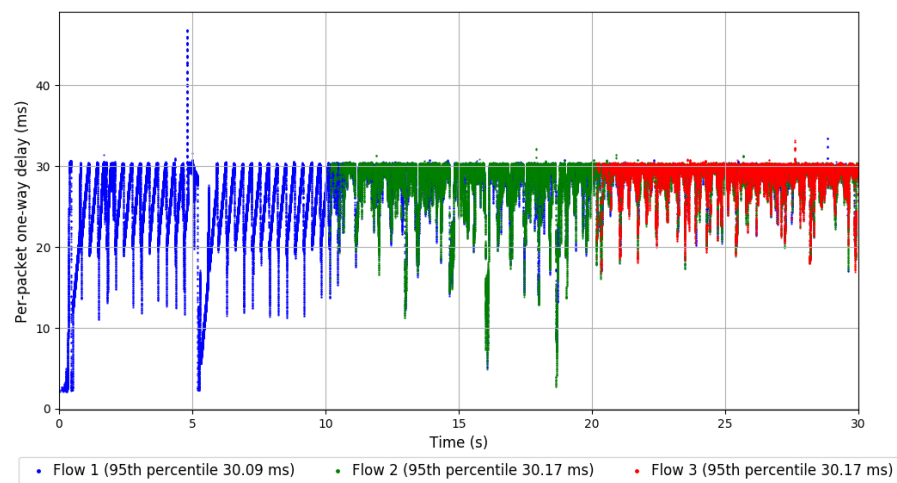
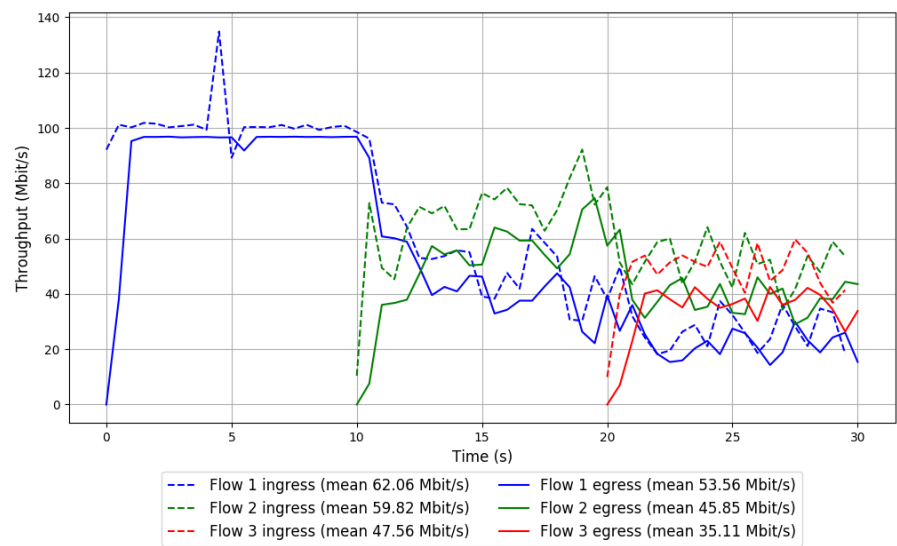


Run 3: Statistics of FillP

Start at: 2018-08-09 09:27:20
End at: 2018-08-09 09:27:50
Local clock offset: -3.433 ms
Remote clock offset: -2.589 ms

Below is generated by plot.py at 2018-08-09 12:03:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.71 Mbit/s
95th percentile per-packet one-way delay: 30.135 ms
Loss rate: 18.61%
-- Flow 1:
Average throughput: 53.56 Mbit/s
95th percentile per-packet one-way delay: 30.090 ms
Loss rate: 13.63%
-- Flow 2:
Average throughput: 45.85 Mbit/s
95th percentile per-packet one-way delay: 30.167 ms
Loss rate: 23.35%
-- Flow 3:
Average throughput: 35.11 Mbit/s
95th percentile per-packet one-way delay: 30.169 ms
Loss rate: 26.19%

Run 3: Report of FillP — Data Link

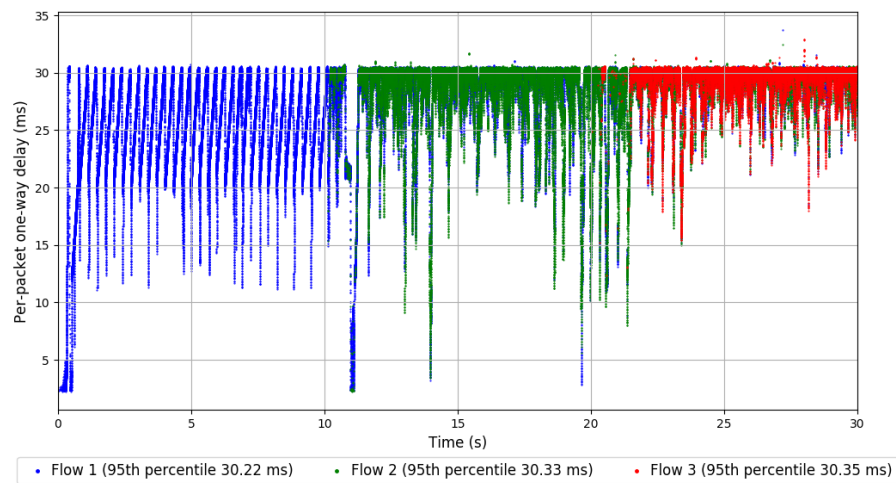
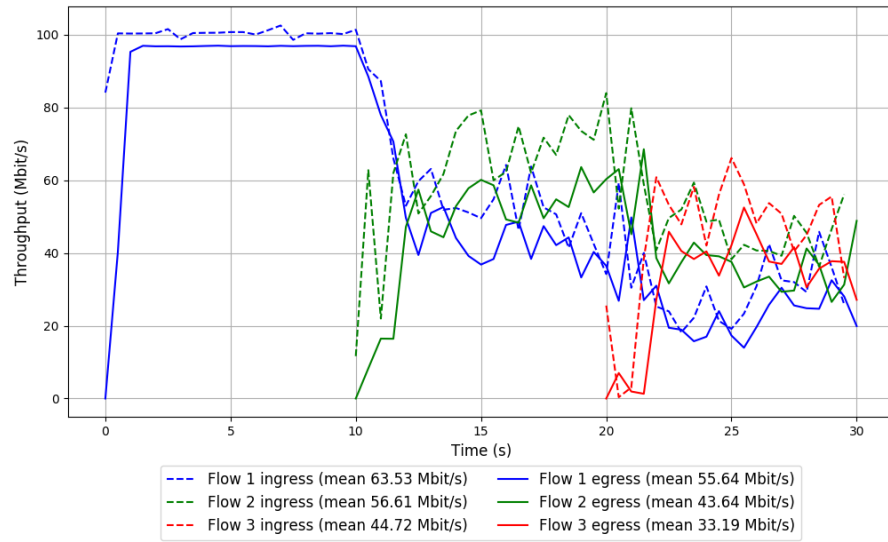


Run 4: Statistics of FillP

Start at: 2018-08-09 09:46:32
End at: 2018-08-09 09:47:02
Local clock offset: -3.642 ms
Remote clock offset: -0.026 ms

Below is generated by plot.py at 2018-08-09 12:03:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.69 Mbit/s
95th percentile per-packet one-way delay: 30.286 ms
Loss rate: 17.49%
-- Flow 1:
Average throughput: 55.64 Mbit/s
95th percentile per-packet one-way delay: 30.221 ms
Loss rate: 12.33%
-- Flow 2:
Average throughput: 43.64 Mbit/s
95th percentile per-packet one-way delay: 30.327 ms
Loss rate: 22.91%
-- Flow 3:
Average throughput: 33.19 Mbit/s
95th percentile per-packet one-way delay: 30.354 ms
Loss rate: 25.75%

Run 4: Report of FillP — Data Link

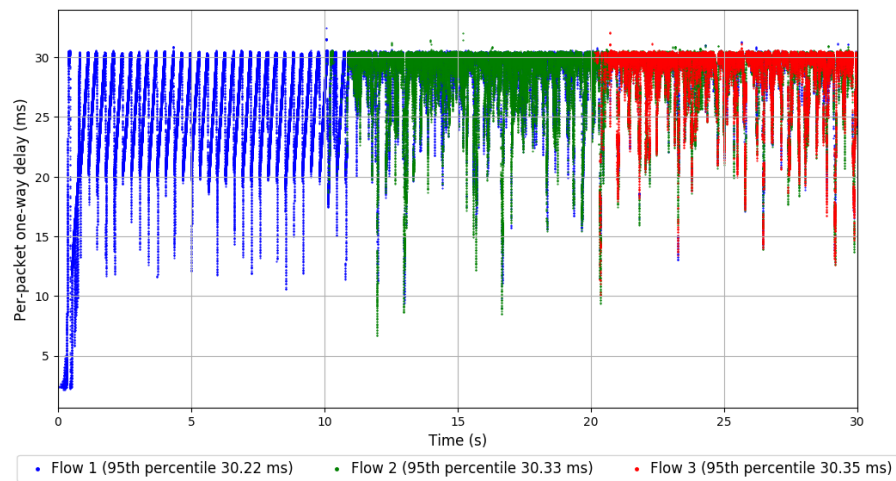
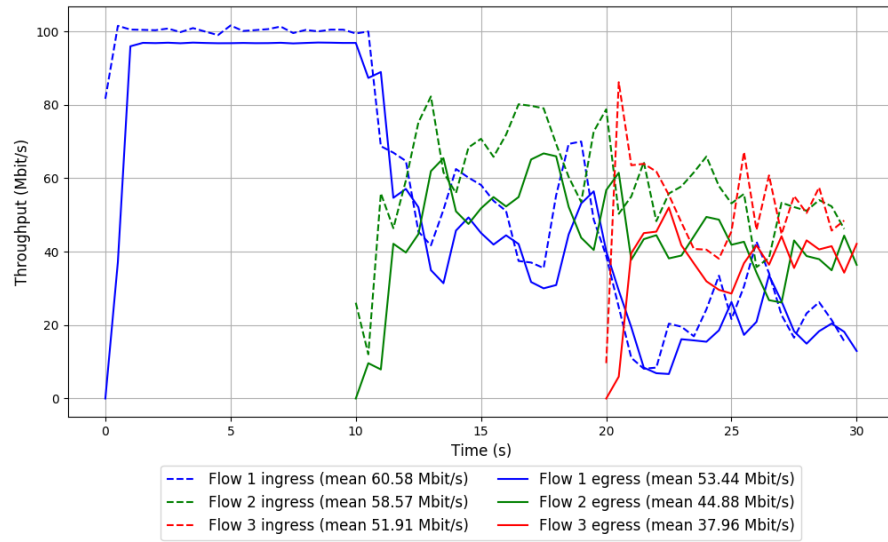


Run 5: Statistics of FillP

Start at: 2018-08-09 10:05:44
End at: 2018-08-09 10:06:14
Local clock offset: -2.52 ms
Remote clock offset: -0.723 ms

Below is generated by plot.py at 2018-08-09 12:03:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 30.292 ms
Loss rate: 17.83%
-- Flow 1:
Average throughput: 53.44 Mbit/s
95th percentile per-packet one-way delay: 30.219 ms
Loss rate: 11.71%
-- Flow 2:
Average throughput: 44.88 Mbit/s
95th percentile per-packet one-way delay: 30.332 ms
Loss rate: 23.36%
-- Flow 3:
Average throughput: 37.96 Mbit/s
95th percentile per-packet one-way delay: 30.353 ms
Loss rate: 26.84%

Run 5: Report of FillP — Data Link



Run 6: Statistics of FillP

Start at: 2018-08-09 10:24:56

End at: 2018-08-09 10:25:26

Local clock offset: -2.768 ms

Remote clock offset: 0.973 ms

Below is generated by plot.py at 2018-08-09 12:03:15

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.03 Mbit/s

95th percentile per-packet one-way delay: 29.905 ms

Loss rate: 17.63%

-- Flow 1:

Average throughput: 52.21 Mbit/s

95th percentile per-packet one-way delay: 29.884 ms

Loss rate: 12.37%

-- Flow 2:

Average throughput: 48.38 Mbit/s

95th percentile per-packet one-way delay: 29.929 ms

Loss rate: 22.24%

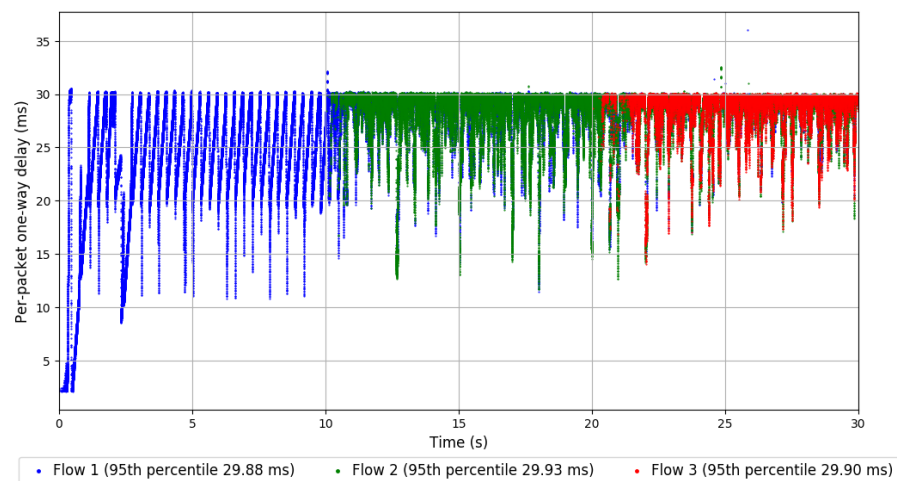
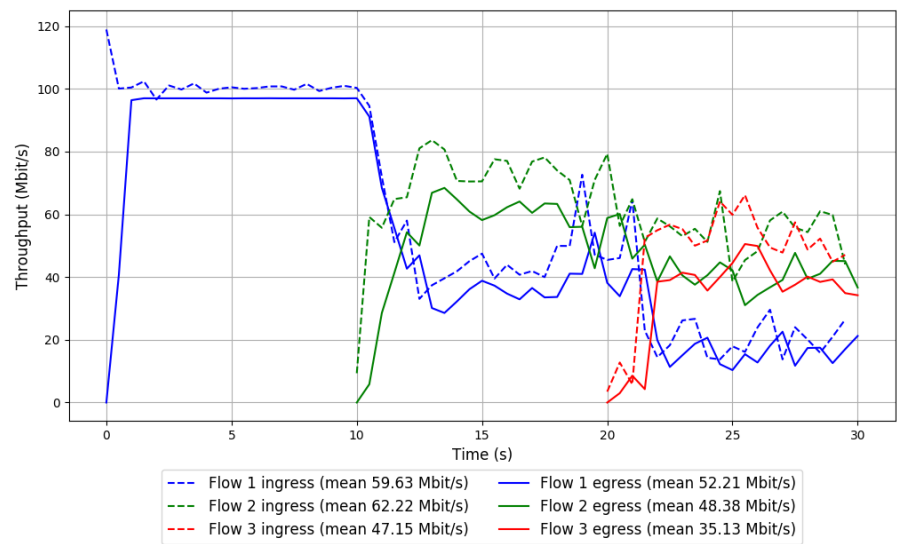
-- Flow 3:

Average throughput: 35.13 Mbit/s

95th percentile per-packet one-way delay: 29.896 ms

Loss rate: 25.48%

Run 6: Report of FillP — Data Link



Run 7: Statistics of FillP

Start at: 2018-08-09 10:44:07

End at: 2018-08-09 10:44:37

Local clock offset: -2.86 ms

Remote clock offset: 7.411 ms

Below is generated by plot.py at 2018-08-09 12:03:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.01 Mbit/s

95th percentile per-packet one-way delay: 30.265 ms

Loss rate: 18.47%

-- Flow 1:

Average throughput: 51.52 Mbit/s

95th percentile per-packet one-way delay: 30.196 ms

Loss rate: 11.83%

-- Flow 2:

Average throughput: 47.39 Mbit/s

95th percentile per-packet one-way delay: 30.301 ms

Loss rate: 23.18%

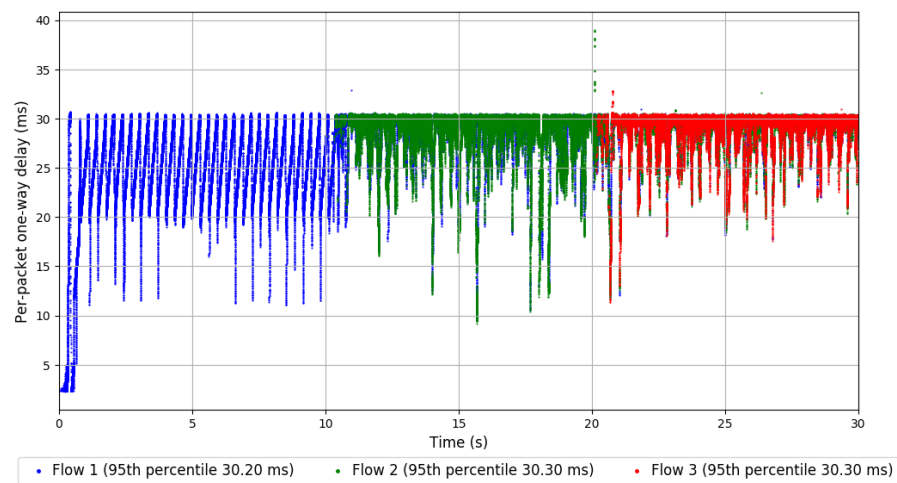
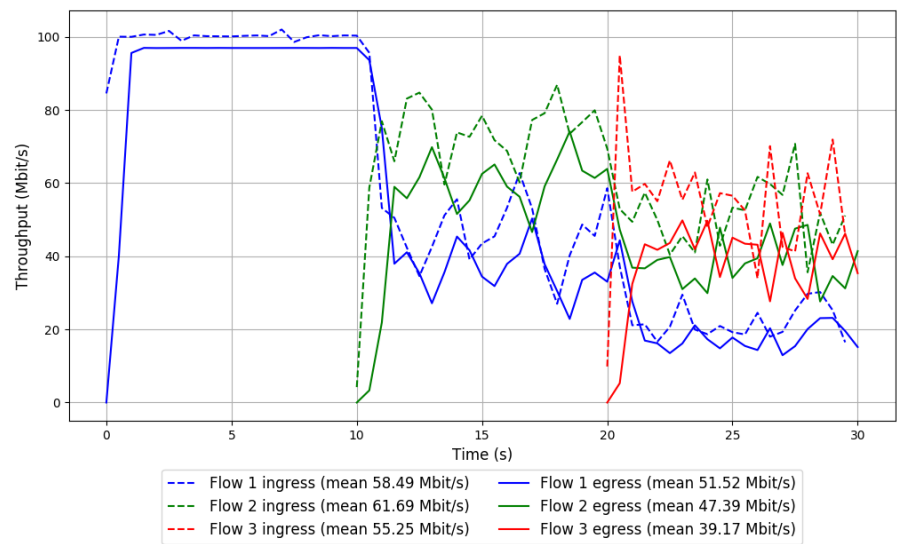
-- Flow 3:

Average throughput: 39.17 Mbit/s

95th percentile per-packet one-way delay: 30.302 ms

Loss rate: 29.10%

Run 7: Report of FillP — Data Link

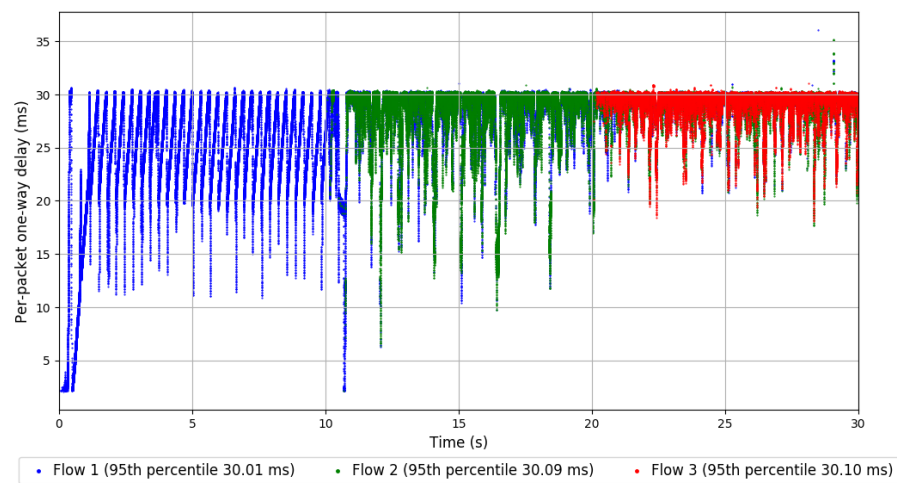
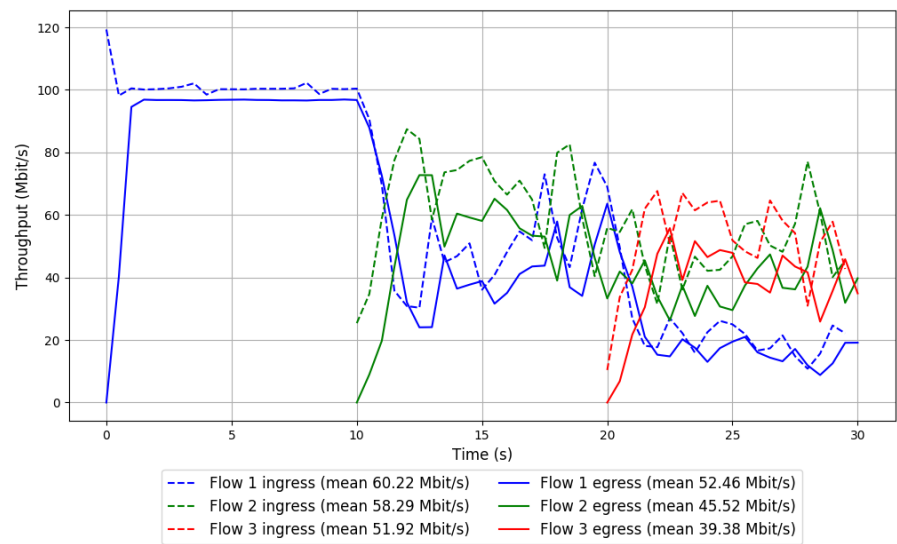


Run 8: Statistics of FillP

Start at: 2018-08-09 11:03:19
End at: 2018-08-09 11:03:49
Local clock offset: -8.105 ms
Remote clock offset: 10.21 ms

Below is generated by plot.py at 2018-08-09 12:03:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.77 Mbit/s
95th percentile per-packet one-way delay: 30.060 ms
Loss rate: 17.51%
-- Flow 1:
Average throughput: 52.46 Mbit/s
95th percentile per-packet one-way delay: 30.011 ms
Loss rate: 12.80%
-- Flow 2:
Average throughput: 45.52 Mbit/s
95th percentile per-packet one-way delay: 30.091 ms
Loss rate: 21.90%
-- Flow 3:
Average throughput: 39.38 Mbit/s
95th percentile per-packet one-way delay: 30.096 ms
Loss rate: 24.08%

Run 8: Report of FillP — Data Link

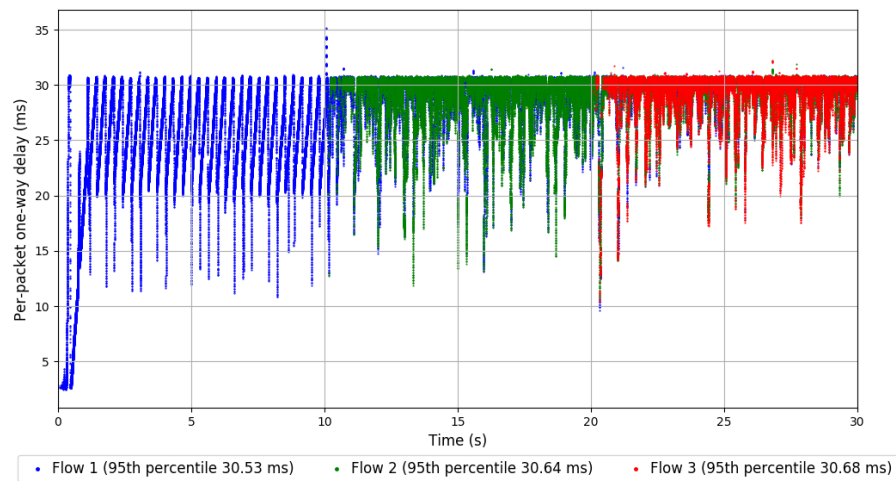
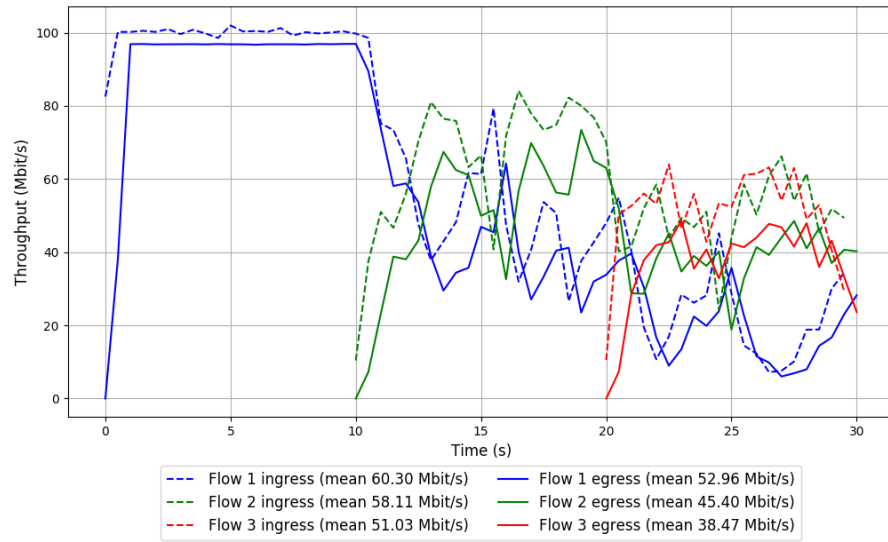


Run 9: Statistics of FillP

Start at: 2018-08-09 11:22:32
End at: 2018-08-09 11:23:02
Local clock offset: -5.623 ms
Remote clock offset: 12.799 ms

Below is generated by plot.py at 2018-08-09 12:04:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.90 Mbit/s
95th percentile per-packet one-way delay: 30.606 ms
Loss rate: 17.17%
-- Flow 1:
Average throughput: 52.96 Mbit/s
95th percentile per-packet one-way delay: 30.533 ms
Loss rate: 12.08%
-- Flow 2:
Average throughput: 45.40 Mbit/s
95th percentile per-packet one-way delay: 30.642 ms
Loss rate: 21.86%
-- Flow 3:
Average throughput: 38.47 Mbit/s
95th percentile per-packet one-way delay: 30.676 ms
Loss rate: 24.58%

Run 9: Report of FillP — Data Link

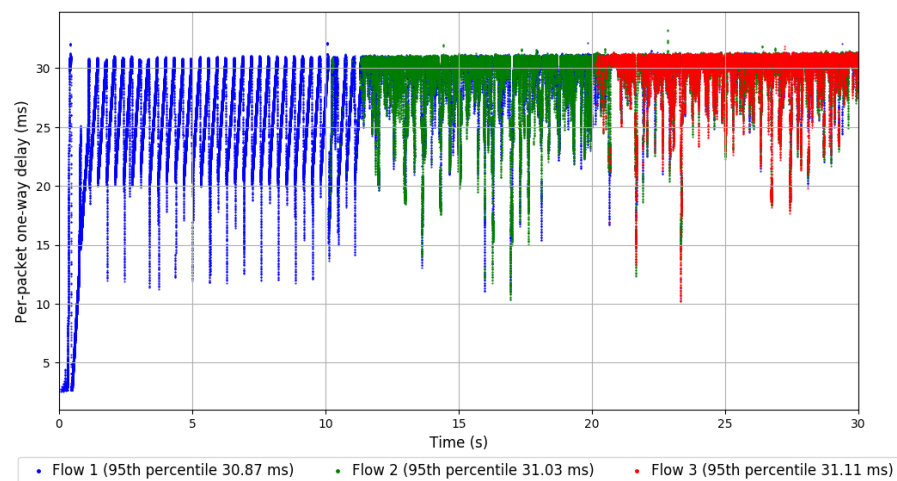
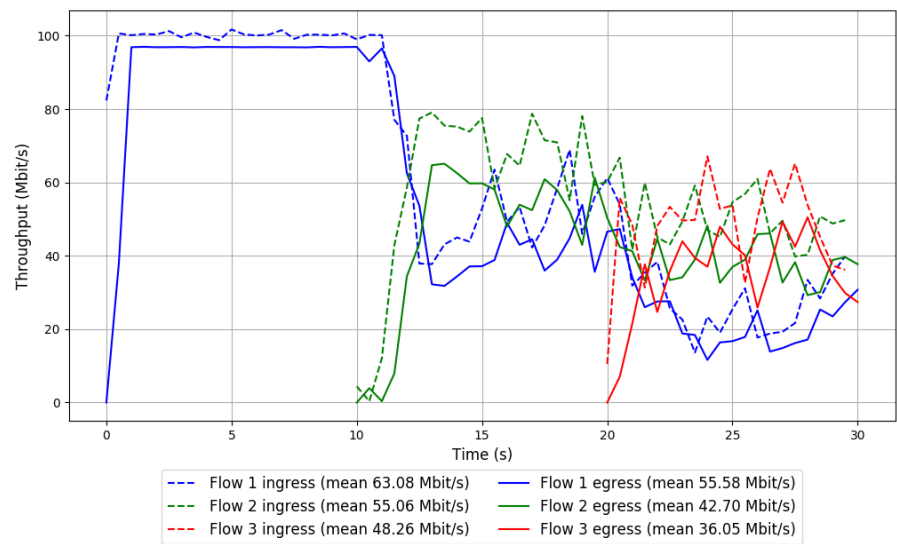


Run 10: Statistics of FillP

Start at: 2018-08-09 11:41:43
End at: 2018-08-09 11:42:13
Local clock offset: -2.346 ms
Remote clock offset: -2.785 ms

Below is generated by plot.py at 2018-08-09 12:04:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.92 Mbit/s
95th percentile per-packet one-way delay: 30.986 ms
Loss rate: 17.04%
-- Flow 1:
Average throughput: 55.58 Mbit/s
95th percentile per-packet one-way delay: 30.867 ms
Loss rate: 11.80%
-- Flow 2:
Average throughput: 42.70 Mbit/s
95th percentile per-packet one-way delay: 31.029 ms
Loss rate: 22.45%
-- Flow 3:
Average throughput: 36.05 Mbit/s
95th percentile per-packet one-way delay: 31.113 ms
Loss rate: 25.30%

Run 10: Report of FillP — Data Link

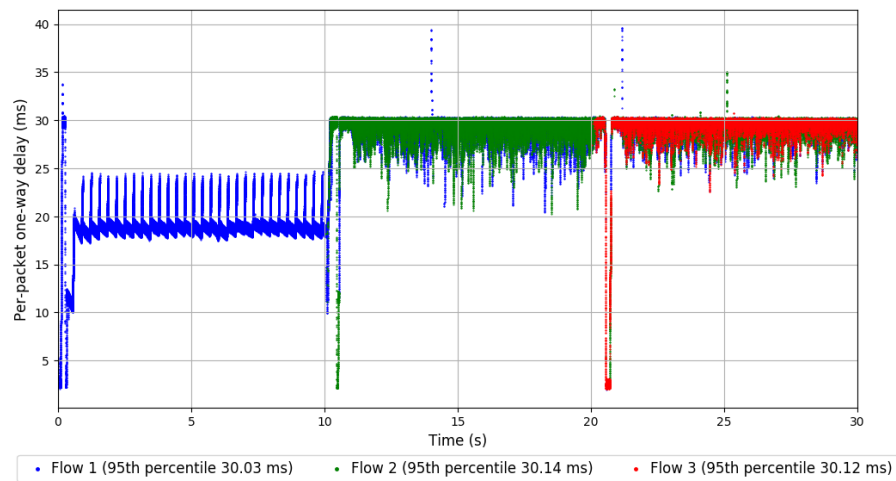
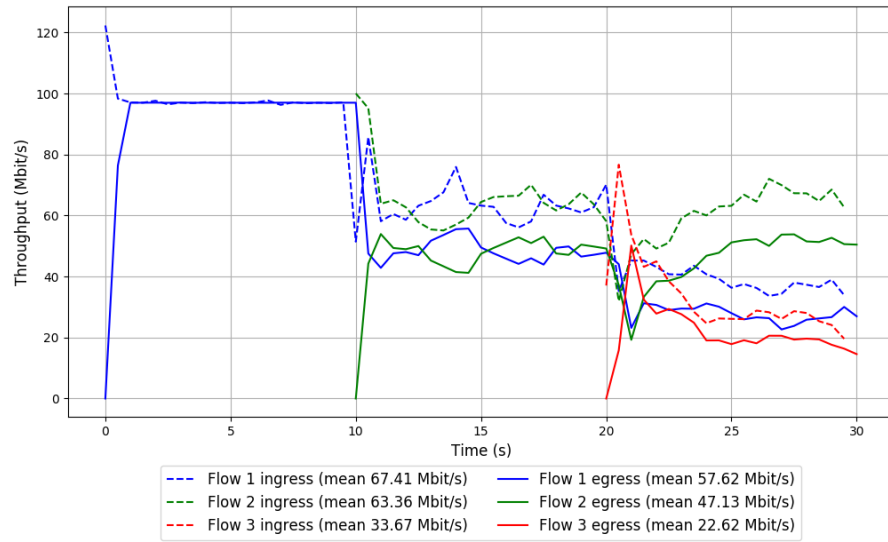


Run 1: Statistics of FillP-Sheep

Start at: 2018-08-09 08:47:49
End at: 2018-08-09 08:48:19
Local clock offset: -1.472 ms
Remote clock offset: -7.491 ms

Below is generated by plot.py at 2018-08-09 12:04:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.47 Mbit/s
95th percentile per-packet one-way delay: 30.093 ms
Loss rate: 20.03%
-- Flow 1:
Average throughput: 57.62 Mbit/s
95th percentile per-packet one-way delay: 30.032 ms
Loss rate: 14.44%
-- Flow 2:
Average throughput: 47.13 Mbit/s
95th percentile per-packet one-way delay: 30.136 ms
Loss rate: 25.58%
-- Flow 3:
Average throughput: 22.62 Mbit/s
95th percentile per-packet one-way delay: 30.119 ms
Loss rate: 32.82%

Run 1: Report of FillP-Sheep — Data Link

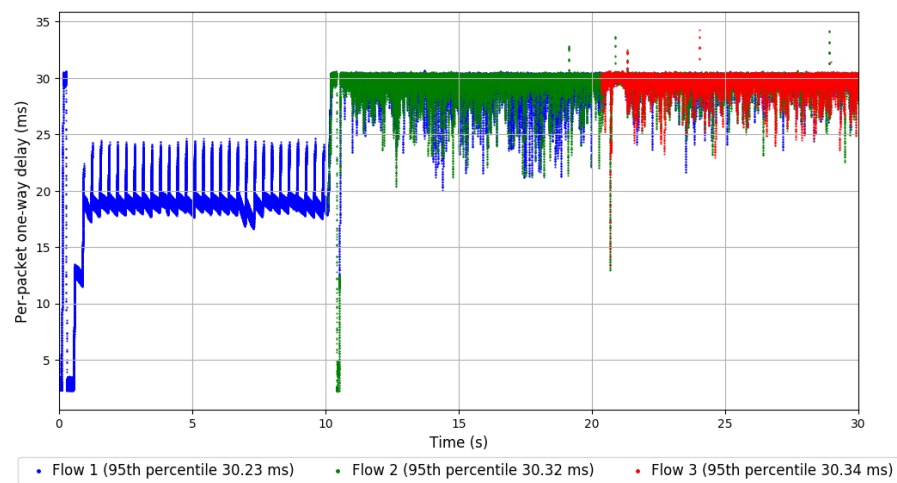
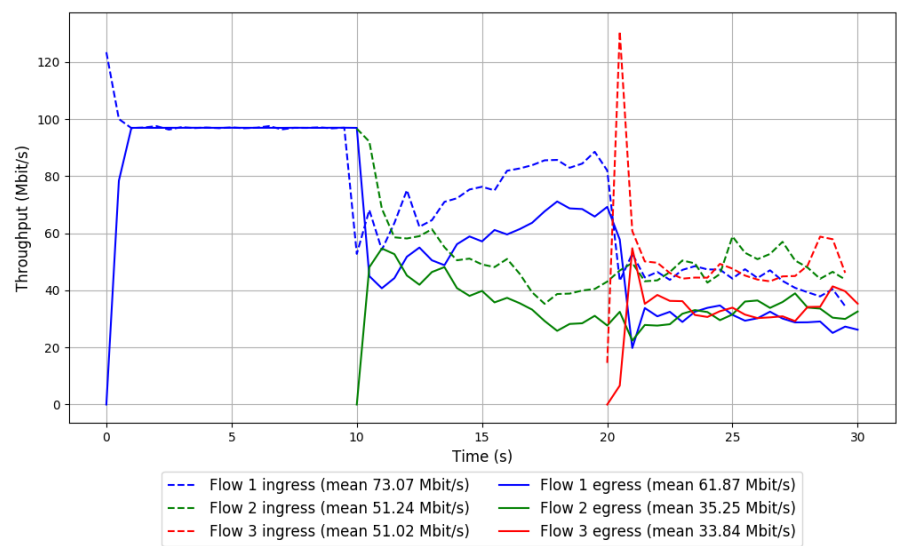


Run 2: Statistics of FillP-Sheep

Start at: 2018-08-09 09:07:01
End at: 2018-08-09 09:07:31
Local clock offset: -2.667 ms
Remote clock offset: -7.067 ms

Below is generated by plot.py at 2018-08-09 12:04:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.58 Mbit/s
95th percentile per-packet one-way delay: 30.287 ms
Loss rate: 22.14%
-- Flow 1:
Average throughput: 61.87 Mbit/s
95th percentile per-packet one-way delay: 30.227 ms
Loss rate: 15.25%
-- Flow 2:
Average throughput: 35.25 Mbit/s
95th percentile per-packet one-way delay: 30.325 ms
Loss rate: 31.18%
-- Flow 3:
Average throughput: 33.84 Mbit/s
95th percentile per-packet one-way delay: 30.338 ms
Loss rate: 33.67%

Run 2: Report of FillP-Sheep — Data Link

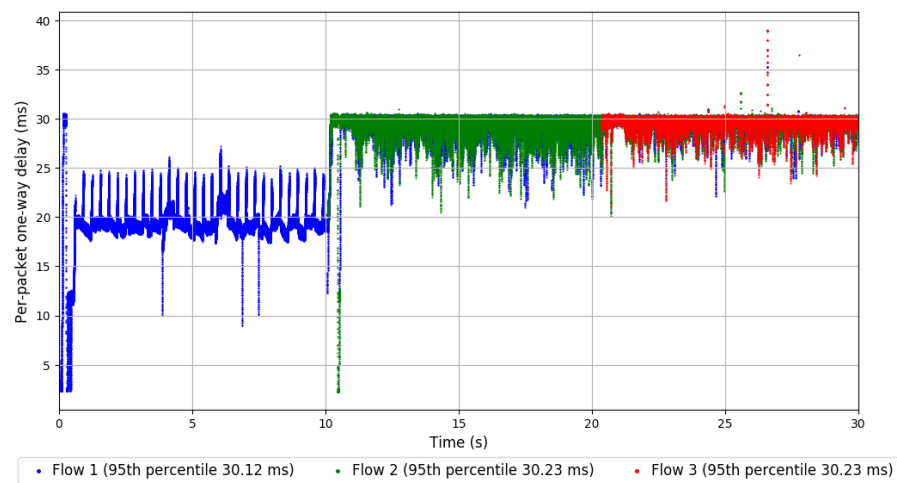
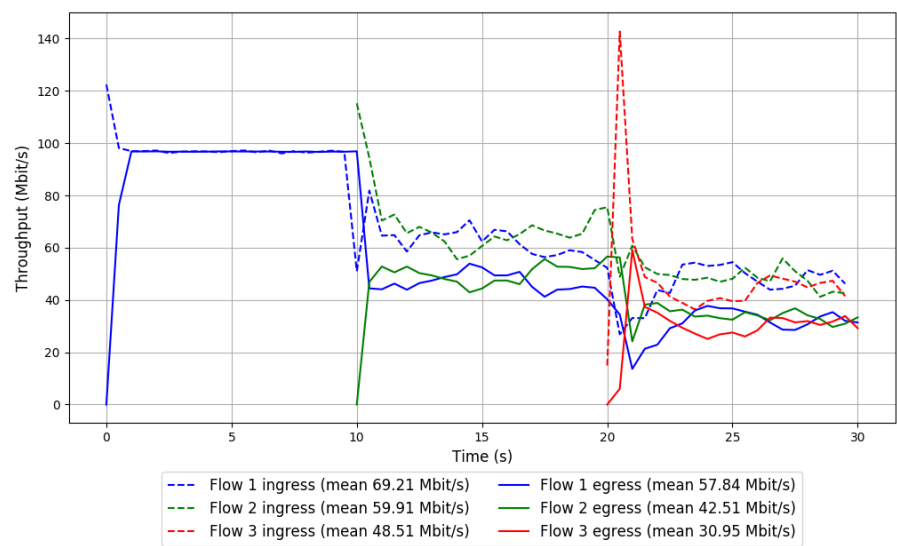


Run 3: Statistics of FillP-Sheep

Start at: 2018-08-09 09:26:12
End at: 2018-08-09 09:26:42
Local clock offset: -3.398 ms
Remote clock offset: -2.803 ms

Below is generated by plot.py at 2018-08-09 12:04:44
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 30.186 ms
Loss rate: 22.94%
-- Flow 1:
Average throughput: 57.84 Mbit/s
95th percentile per-packet one-way delay: 30.121 ms
Loss rate: 16.35%
-- Flow 2:
Average throughput: 42.51 Mbit/s
95th percentile per-packet one-way delay: 30.234 ms
Loss rate: 29.01%
-- Flow 3:
Average throughput: 30.95 Mbit/s
95th percentile per-packet one-way delay: 30.229 ms
Loss rate: 36.19%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2018-08-09 09:45:24

End at: 2018-08-09 09:45:54

Local clock offset: -3.771 ms

Remote clock offset: -0.12 ms

Below is generated by plot.py at 2018-08-09 12:04:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.46 Mbit/s

95th percentile per-packet one-way delay: 30.306 ms

Loss rate: 23.06%

-- Flow 1:

Average throughput: 59.74 Mbit/s

95th percentile per-packet one-way delay: 30.246 ms

Loss rate: 16.18%

-- Flow 2:

Average throughput: 38.32 Mbit/s

95th percentile per-packet one-way delay: 30.333 ms

Loss rate: 29.47%

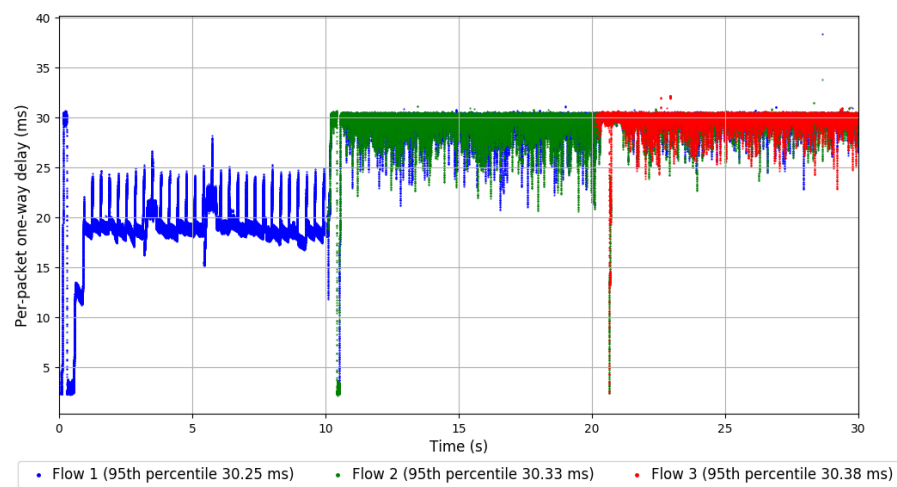
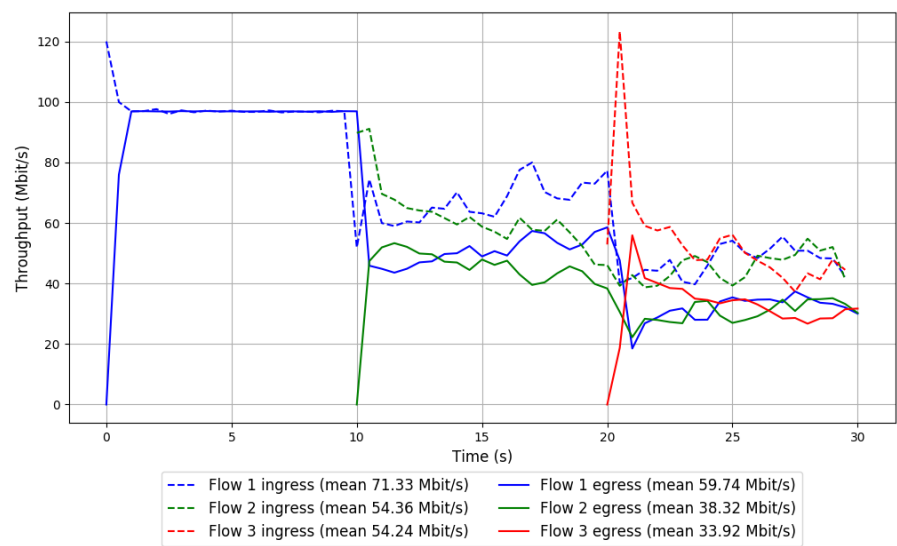
-- Flow 3:

Average throughput: 33.92 Mbit/s

95th percentile per-packet one-way delay: 30.376 ms

Loss rate: 37.47%

Run 4: Report of FillP-Sheep — Data Link

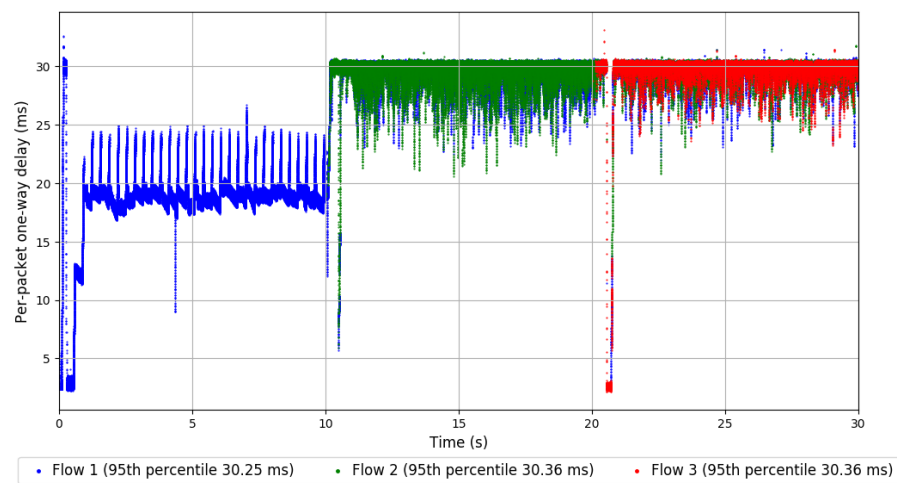
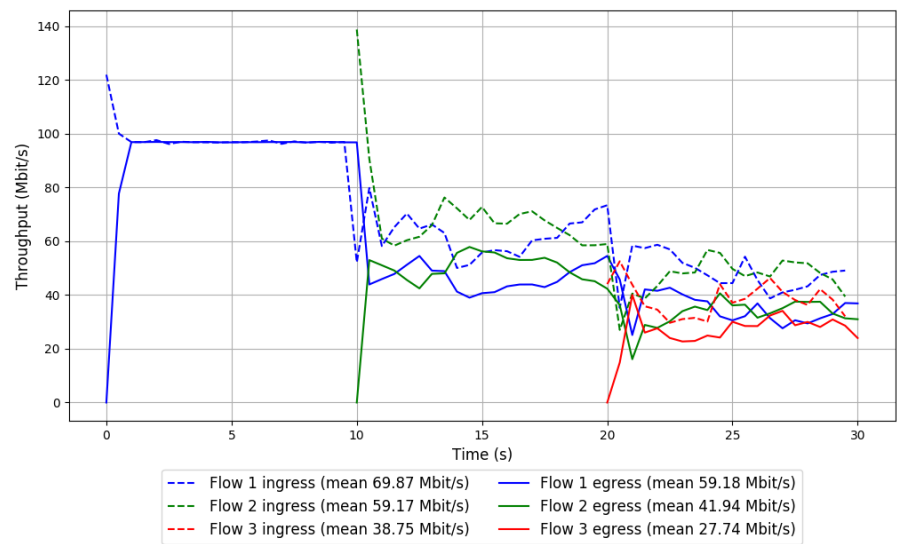


Run 5: Statistics of FillP-Sheep

Start at: 2018-08-09 10:04:37
End at: 2018-08-09 10:05:07
Local clock offset: -2.535 ms
Remote clock offset: -0.726 ms

Below is generated by plot.py at 2018-08-09 12:04:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 30.313 ms
Loss rate: 21.08%
-- Flow 1:
Average throughput: 59.18 Mbit/s
95th percentile per-packet one-way delay: 30.248 ms
Loss rate: 15.22%
-- Flow 2:
Average throughput: 41.94 Mbit/s
95th percentile per-packet one-way delay: 30.364 ms
Loss rate: 29.08%
-- Flow 3:
Average throughput: 27.74 Mbit/s
95th percentile per-packet one-way delay: 30.355 ms
Loss rate: 28.40%

Run 5: Report of FillP-Sheep — Data Link



Run 6: Statistics of FillP-Sheep

Start at: 2018-08-09 10:23:48

End at: 2018-08-09 10:24:18

Local clock offset: -2.677 ms

Remote clock offset: 0.297 ms

Below is generated by plot.py at 2018-08-09 12:04:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.50 Mbit/s

95th percentile per-packet one-way delay: 29.885 ms

Loss rate: 21.25%

-- Flow 1:

Average throughput: 60.33 Mbit/s

95th percentile per-packet one-way delay: 29.843 ms

Loss rate: 15.46%

-- Flow 2:

Average throughput: 41.90 Mbit/s

95th percentile per-packet one-way delay: 29.939 ms

Loss rate: 29.38%

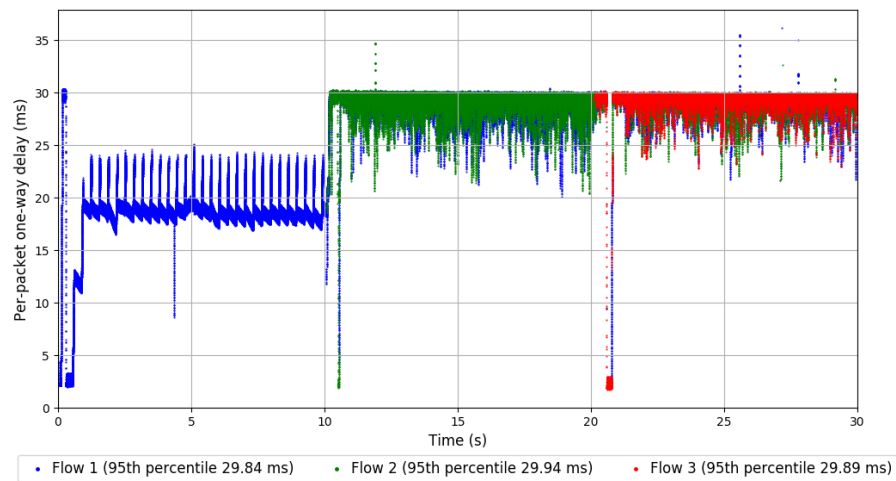
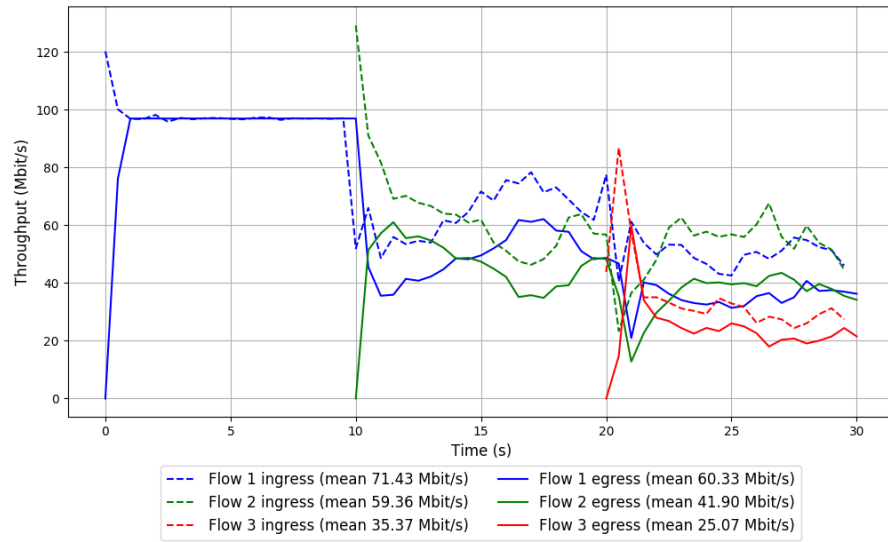
-- Flow 3:

Average throughput: 25.07 Mbit/s

95th percentile per-packet one-way delay: 29.886 ms

Loss rate: 29.13%

Run 6: Report of FillP-Sheep — Data Link



Run 7: Statistics of FillP-Sheep

Start at: 2018-08-09 10:42:59

End at: 2018-08-09 10:43:29

Local clock offset: -2.864 ms

Remote clock offset: 7.212 ms

Below is generated by plot.py at 2018-08-09 12:05:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.57 Mbit/s

95th percentile per-packet one-way delay: 30.277 ms

Loss rate: 21.60%

-- Flow 1:

Average throughput: 63.68 Mbit/s

95th percentile per-packet one-way delay: 30.233 ms

Loss rate: 15.35%

-- Flow 2:

Average throughput: 34.21 Mbit/s

95th percentile per-packet one-way delay: 30.315 ms

Loss rate: 29.02%

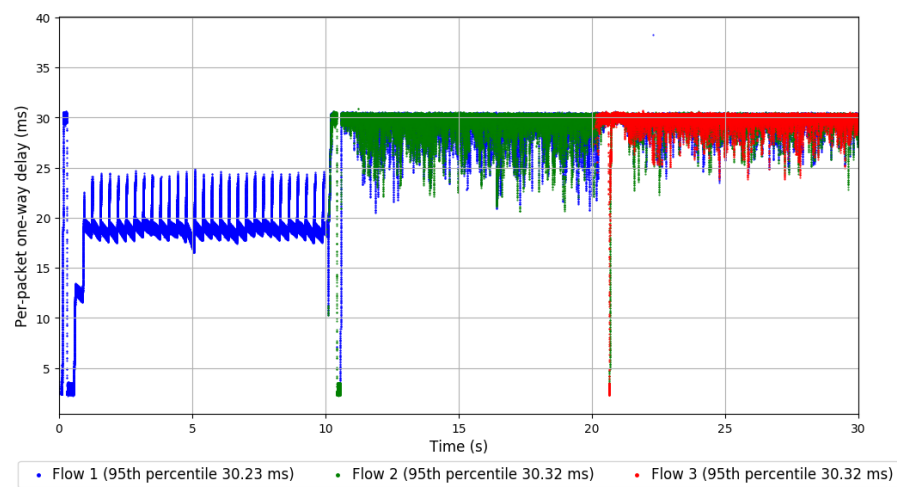
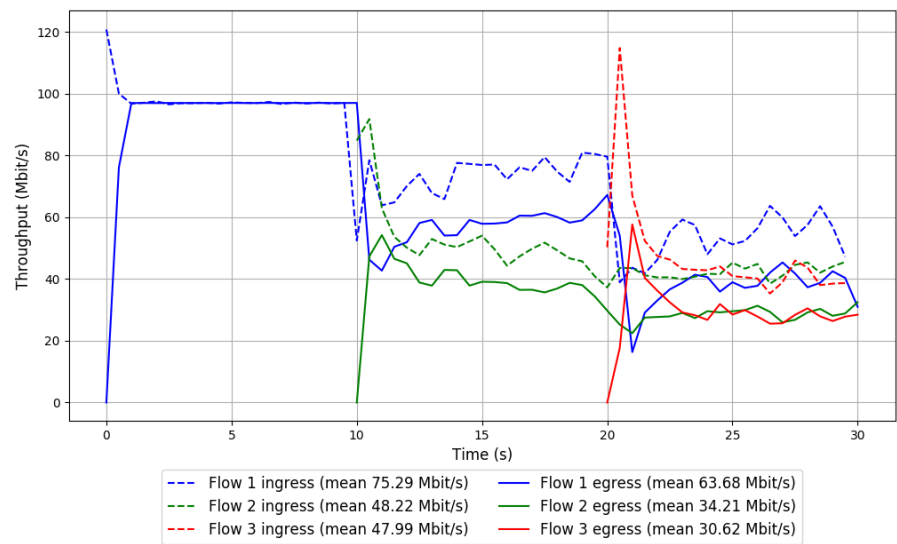
-- Flow 3:

Average throughput: 30.62 Mbit/s

95th percentile per-packet one-way delay: 30.321 ms

Loss rate: 36.20%

Run 7: Report of FillP-Sheep — Data Link

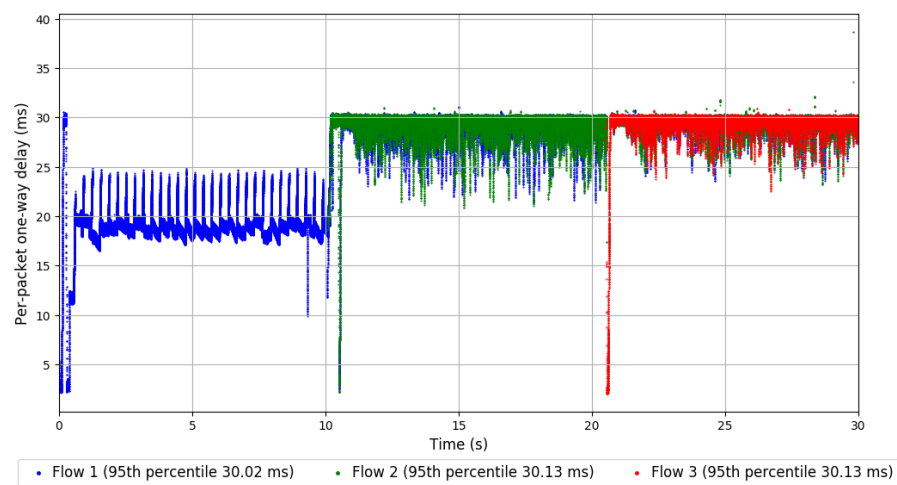
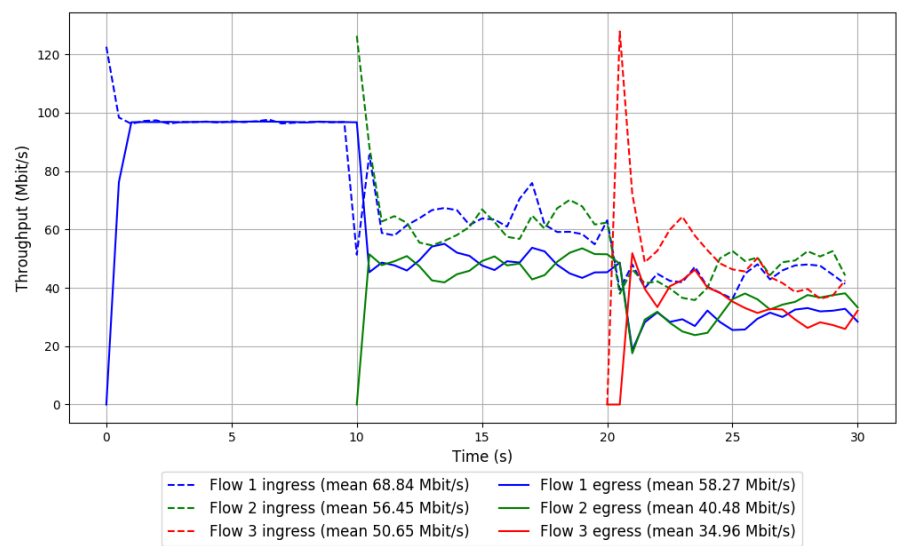


Run 8: Statistics of FillP-Sheep

Start at: 2018-08-09 11:02:11
End at: 2018-08-09 11:02:41
Local clock offset: -7.907 ms
Remote clock offset: 10.115 ms

Below is generated by plot.py at 2018-08-09 12:05:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.32 Mbit/s
95th percentile per-packet one-way delay: 30.085 ms
Loss rate: 21.76%
-- Flow 1:
Average throughput: 58.27 Mbit/s
95th percentile per-packet one-way delay: 30.020 ms
Loss rate: 15.28%
-- Flow 2:
Average throughput: 40.48 Mbit/s
95th percentile per-packet one-way delay: 30.132 ms
Loss rate: 28.26%
-- Flow 3:
Average throughput: 34.96 Mbit/s
95th percentile per-packet one-way delay: 30.127 ms
Loss rate: 33.76%

Run 8: Report of FillP-Sheep — Data Link

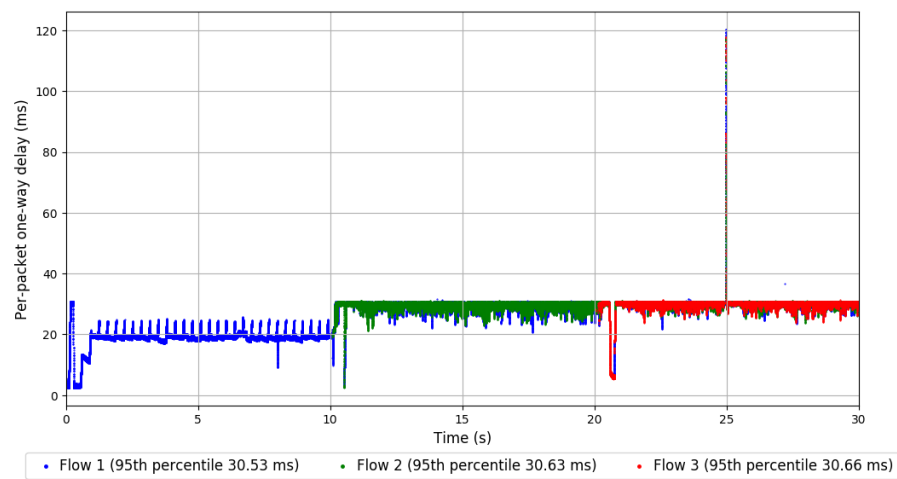
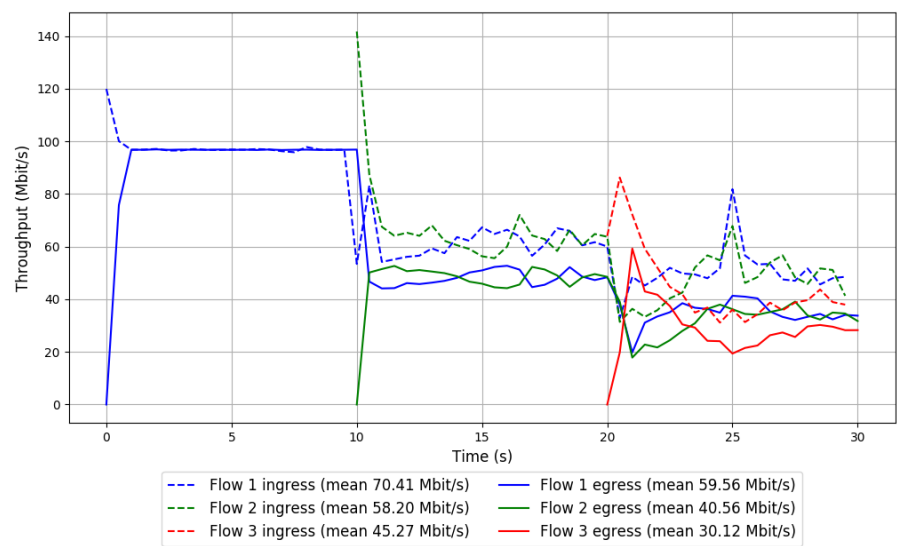


Run 9: Statistics of FillP-Sheep

Start at: 2018-08-09 11:21:24
End at: 2018-08-09 11:21:54
Local clock offset: -6.029 ms
Remote clock offset: 12.631 ms

Below is generated by plot.py at 2018-08-09 12:06:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.50 Mbit/s
95th percentile per-packet one-way delay: 30.597 ms
Loss rate: 22.19%
-- Flow 1:
Average throughput: 59.56 Mbit/s
95th percentile per-packet one-way delay: 30.533 ms
Loss rate: 15.34%
-- Flow 2:
Average throughput: 40.56 Mbit/s
95th percentile per-packet one-way delay: 30.629 ms
Loss rate: 30.27%
-- Flow 3:
Average throughput: 30.12 Mbit/s
95th percentile per-packet one-way delay: 30.662 ms
Loss rate: 33.46%

Run 9: Report of FillP-Sheep — Data Link

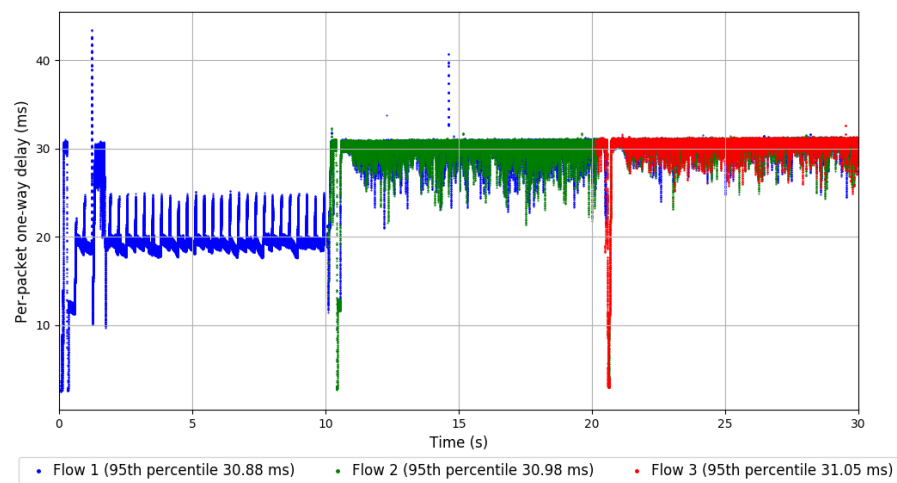
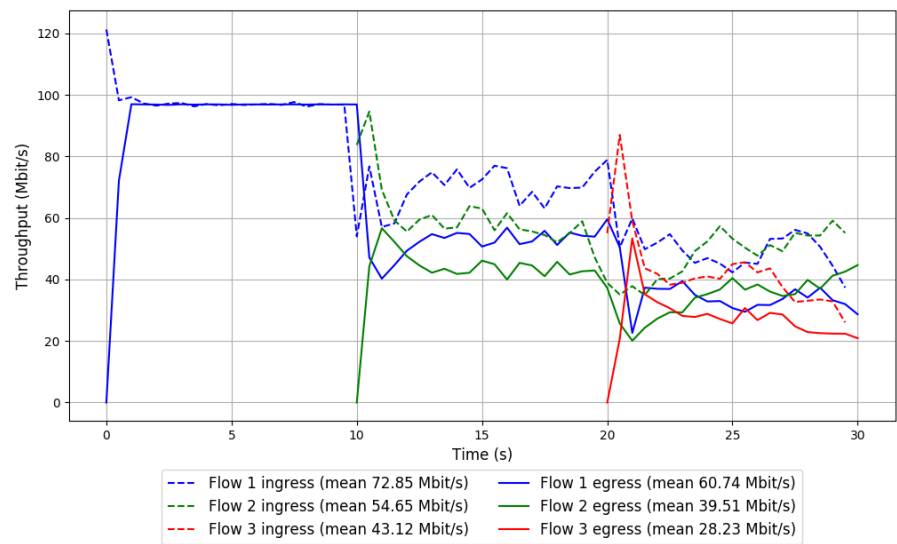


Run 10: Statistics of FillP-Sheep

Start at: 2018-08-09 11:40:36
End at: 2018-08-09 11:41:06
Local clock offset: -2.408 ms
Remote clock offset: -1.754 ms

Below is generated by plot.py at 2018-08-09 12:06:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 30.947 ms
Loss rate: 21.90%
-- Flow 1:
Average throughput: 60.74 Mbit/s
95th percentile per-packet one-way delay: 30.881 ms
Loss rate: 16.55%
-- Flow 2:
Average throughput: 39.51 Mbit/s
95th percentile per-packet one-way delay: 30.977 ms
Loss rate: 27.65%
-- Flow 3:
Average throughput: 28.23 Mbit/s
95th percentile per-packet one-way delay: 31.051 ms
Loss rate: 34.52%

Run 10: Report of FillP-Sheep — Data Link

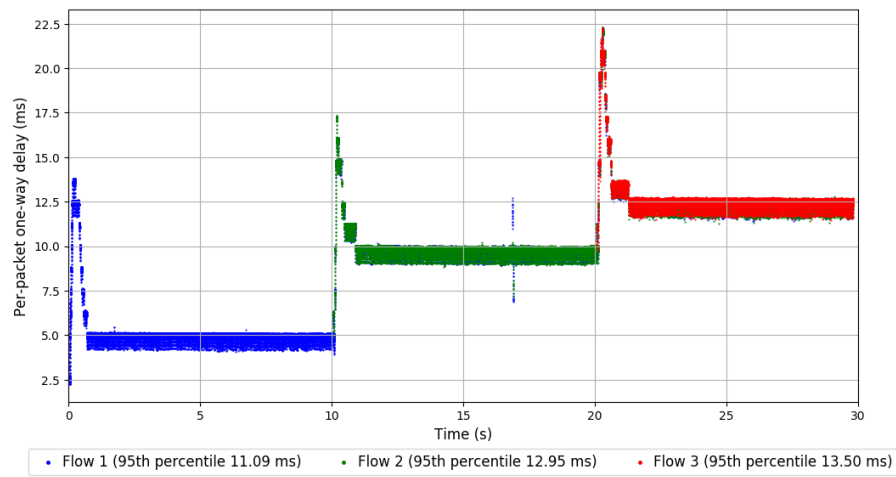
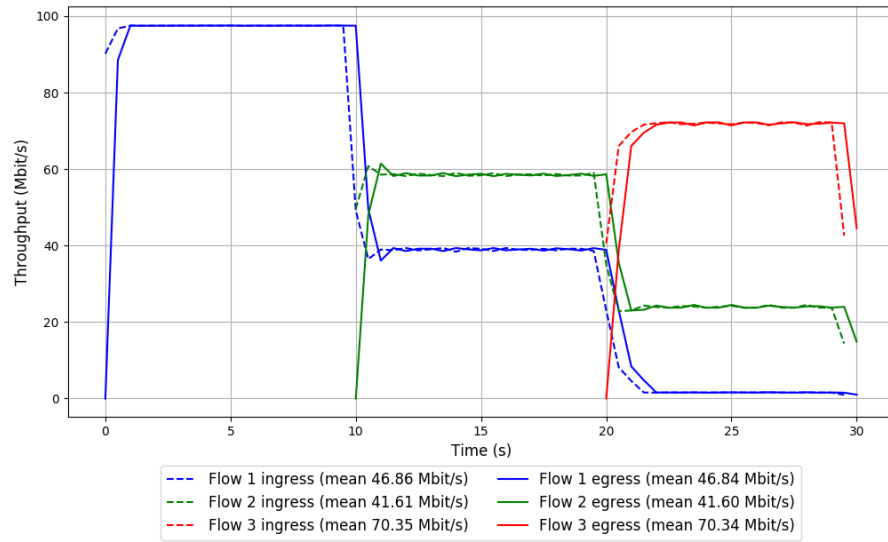


Run 1: Statistics of Indigo

Start at: 2018-08-09 08:45:32
End at: 2018-08-09 08:46:02
Local clock offset: -1.115 ms
Remote clock offset: -7.671 ms

Below is generated by plot.py at 2018-08-09 12:06:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 12.695 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.84 Mbit/s
95th percentile per-packet one-way delay: 11.092 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.60 Mbit/s
95th percentile per-packet one-way delay: 12.954 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 70.34 Mbit/s
95th percentile per-packet one-way delay: 13.497 ms
Loss rate: 0.00%

Run 1: Report of Indigo — Data Link

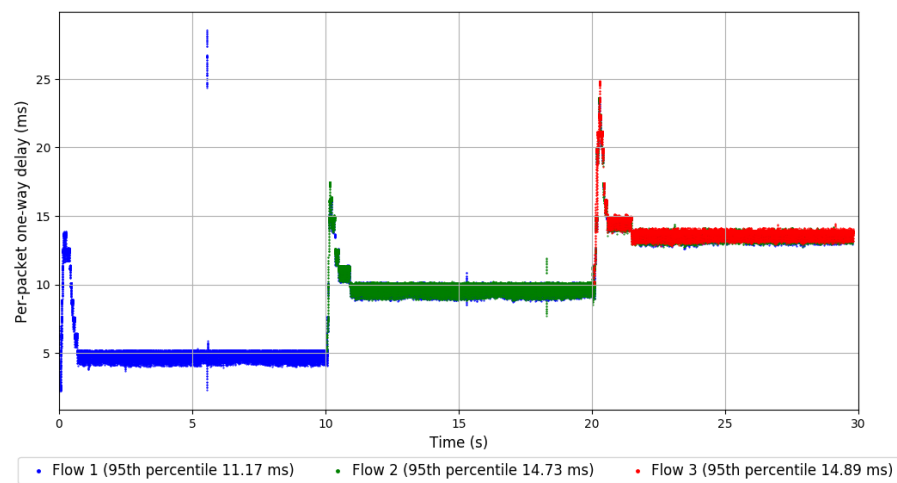
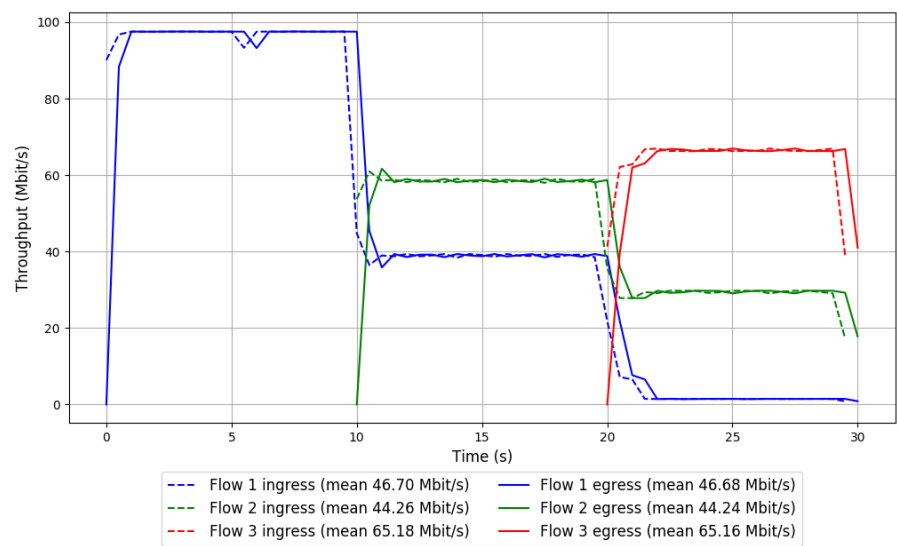


Run 2: Statistics of Indigo

Start at: 2018-08-09 09:04:43
End at: 2018-08-09 09:05:13
Local clock offset: -2.62 ms
Remote clock offset: -7.038 ms

Below is generated by plot.py at 2018-08-09 12:06:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.30 Mbit/s
95th percentile per-packet one-way delay: 14.351 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.68 Mbit/s
95th percentile per-packet one-way delay: 11.173 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 44.24 Mbit/s
95th percentile per-packet one-way delay: 14.733 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 65.16 Mbit/s
95th percentile per-packet one-way delay: 14.892 ms
Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

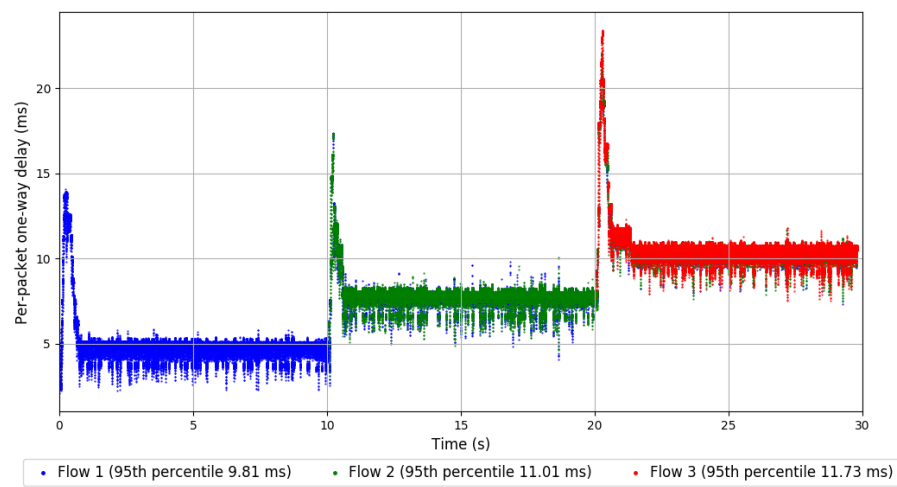
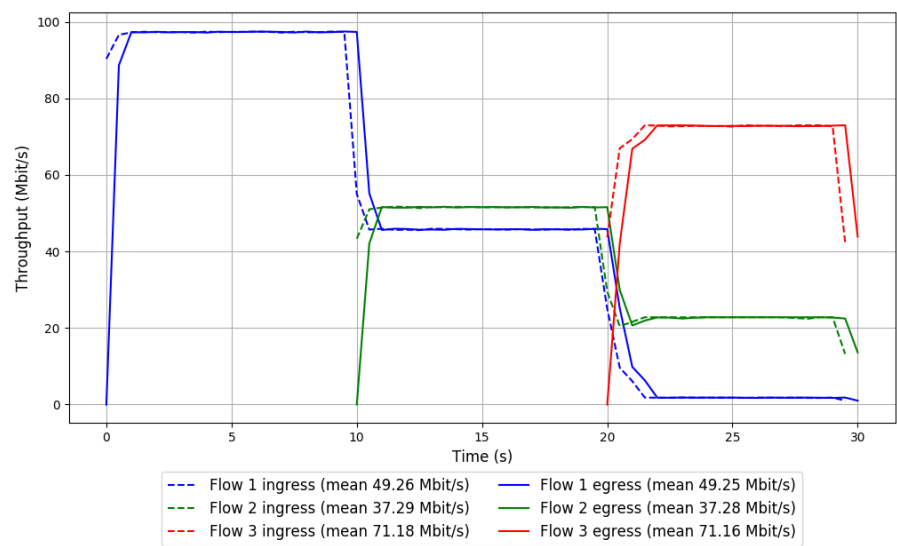


Run 3: Statistics of Indigo

Start at: 2018-08-09 09:23:55
End at: 2018-08-09 09:24:25
Local clock offset: -3.315 ms
Remote clock offset: -3.388 ms

Below is generated by plot.py at 2018-08-09 12:06:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.19 Mbit/s
95th percentile per-packet one-way delay: 11.451 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.25 Mbit/s
95th percentile per-packet one-way delay: 9.808 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.28 Mbit/s
95th percentile per-packet one-way delay: 11.009 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 71.16 Mbit/s
95th percentile per-packet one-way delay: 11.735 ms
Loss rate: 0.00%

Run 3: Report of Indigo — Data Link

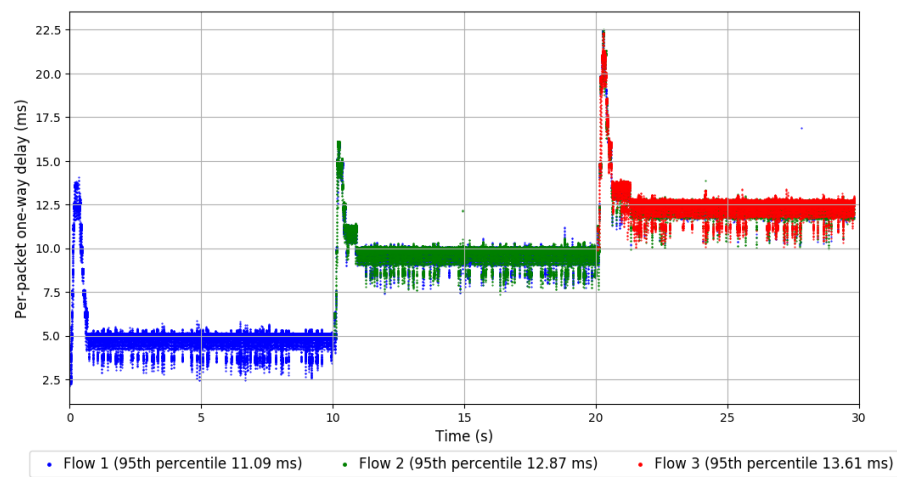
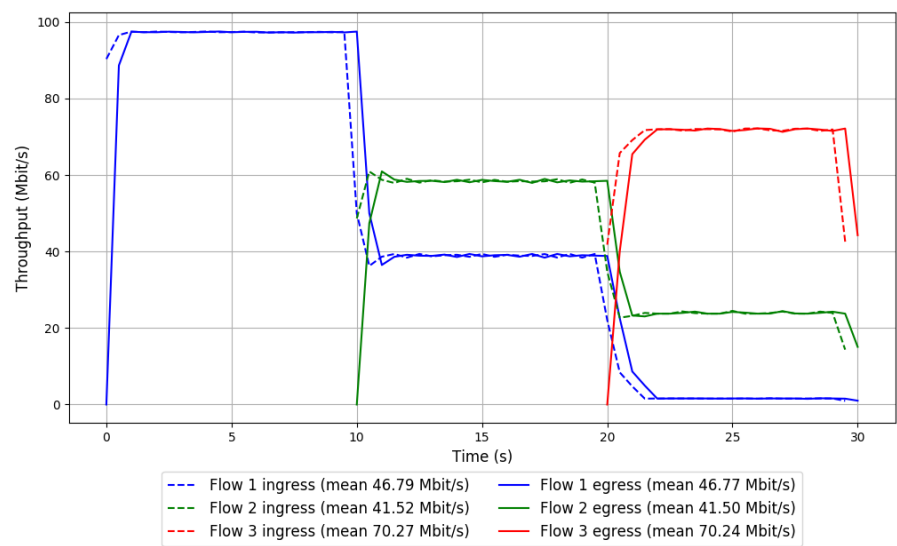


Run 4: Statistics of Indigo

Start at: 2018-08-09 09:43:07
End at: 2018-08-09 09:43:37
Local clock offset: -3.741 ms
Remote clock offset: -0.375 ms

Below is generated by plot.py at 2018-08-09 12:06:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.23 Mbit/s
95th percentile per-packet one-way delay: 12.811 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.77 Mbit/s
95th percentile per-packet one-way delay: 11.088 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.50 Mbit/s
95th percentile per-packet one-way delay: 12.868 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 70.24 Mbit/s
95th percentile per-packet one-way delay: 13.611 ms
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

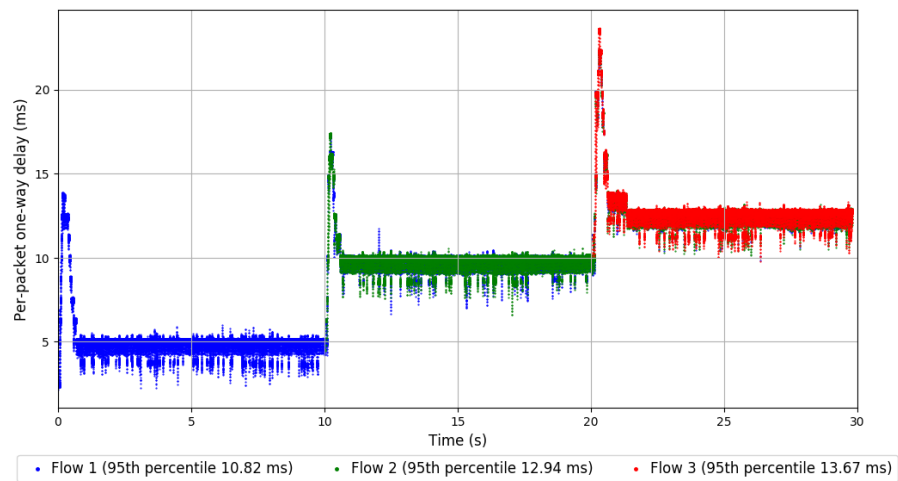
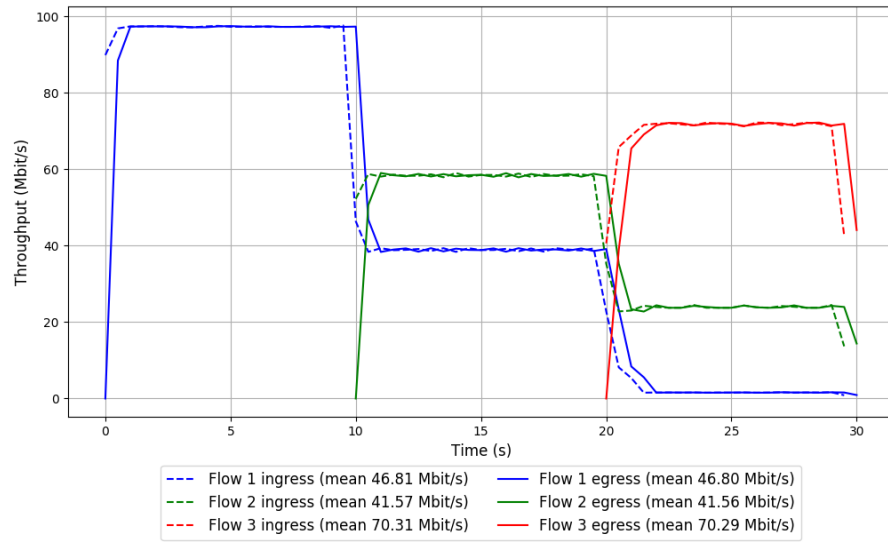


Run 5: Statistics of Indigo

Start at: 2018-08-09 10:02:19
End at: 2018-08-09 10:02:49
Local clock offset: -2.667 ms
Remote clock offset: -0.854 ms

Below is generated by plot.py at 2018-08-09 12:07:02
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.25 Mbit/s
95th percentile per-packet one-way delay: 12.901 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.80 Mbit/s
95th percentile per-packet one-way delay: 10.816 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.56 Mbit/s
95th percentile per-packet one-way delay: 12.937 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 70.29 Mbit/s
95th percentile per-packet one-way delay: 13.673 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

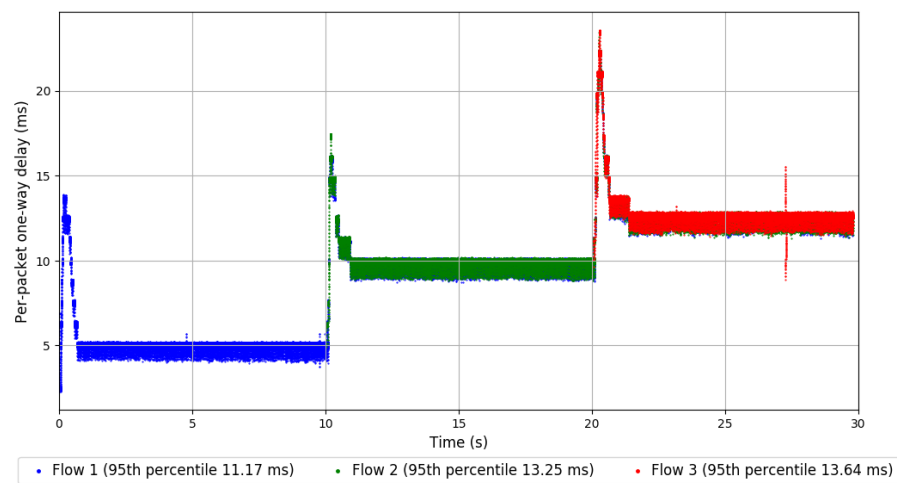
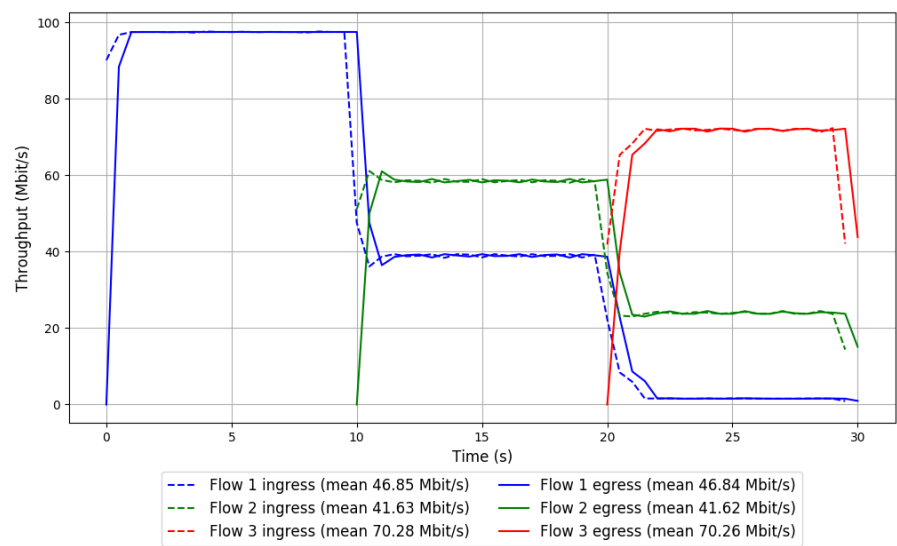


Run 6: Statistics of Indigo

Start at: 2018-08-09 10:21:31
End at: 2018-08-09 10:22:01
Local clock offset: -2.637 ms
Remote clock offset: -0.198 ms

Below is generated by plot.py at 2018-08-09 12:07:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 12.988 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.84 Mbit/s
95th percentile per-packet one-way delay: 11.172 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.62 Mbit/s
95th percentile per-packet one-way delay: 13.248 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 70.26 Mbit/s
95th percentile per-packet one-way delay: 13.636 ms
Loss rate: 0.00%

Run 6: Report of Indigo — Data Link



Run 7: Statistics of Indigo

Start at: 2018-08-09 10:40:42

End at: 2018-08-09 10:41:12

Local clock offset: -2.823 ms

Remote clock offset: 6.77 ms

Below is generated by plot.py at 2018-08-09 12:07:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.38 Mbit/s

95th percentile per-packet one-way delay: 12.817 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 46.90 Mbit/s

95th percentile per-packet one-way delay: 11.130 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 45.36 Mbit/s

95th percentile per-packet one-way delay: 13.462 ms

Loss rate: 0.00%

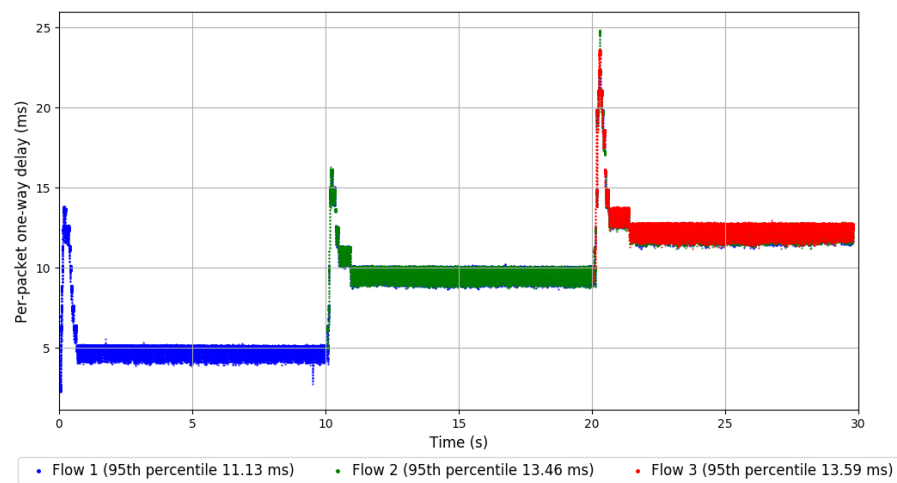
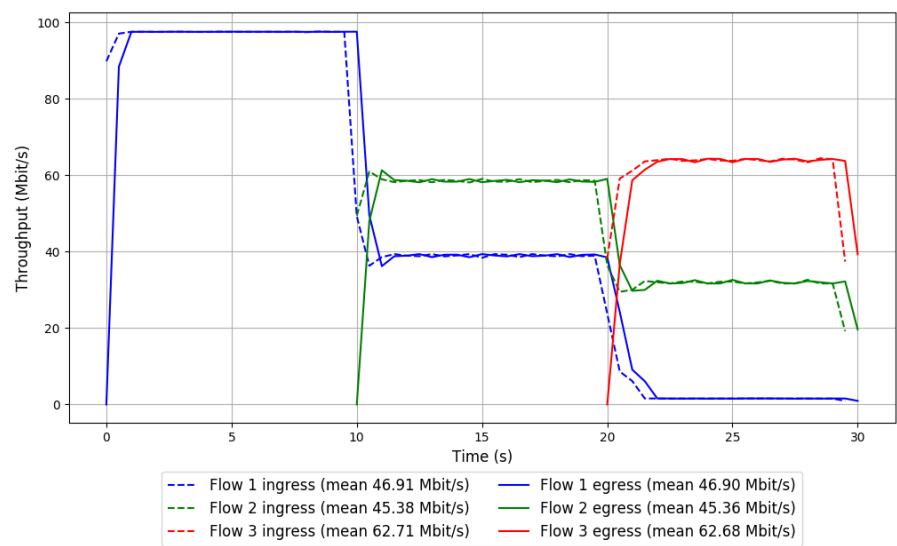
-- Flow 3:

Average throughput: 62.68 Mbit/s

95th percentile per-packet one-way delay: 13.590 ms

Loss rate: 0.00%

Run 7: Report of Indigo — Data Link

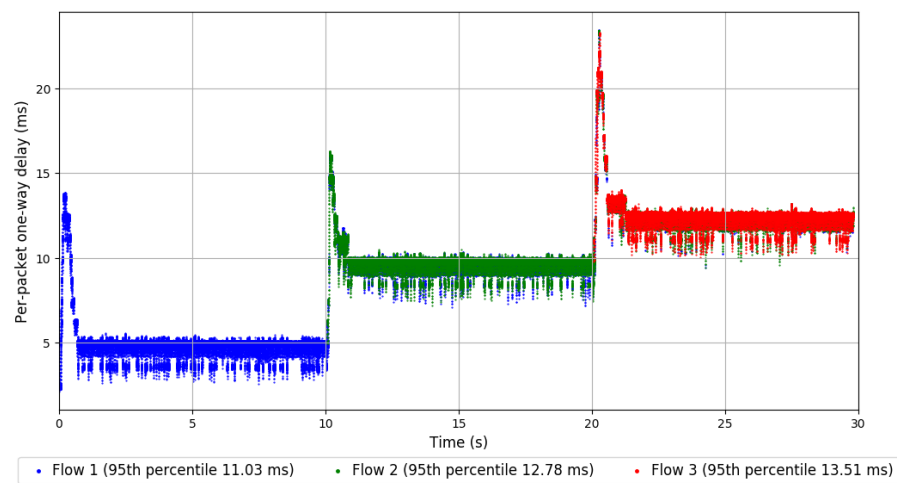
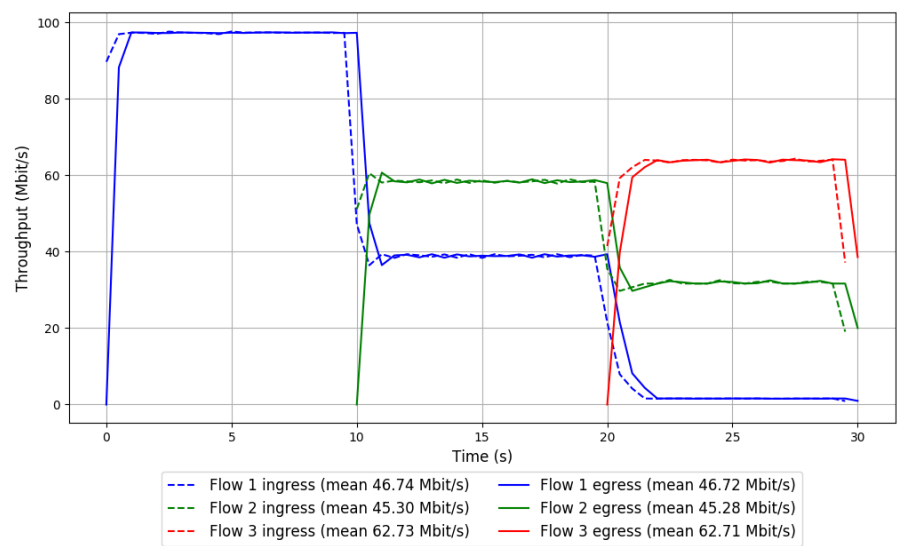


Run 8: Statistics of Indigo

Start at: 2018-08-09 10:59:54
End at: 2018-08-09 11:00:24
Local clock offset: -7.554 ms
Remote clock offset: 9.84 ms

```
# Below is generated by plot.py at 2018-08-09 12:07:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 12.722 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.72 Mbit/s
95th percentile per-packet one-way delay: 11.025 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.28 Mbit/s
95th percentile per-packet one-way delay: 12.777 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.71 Mbit/s
95th percentile per-packet one-way delay: 13.507 ms
Loss rate: 0.00%
```

Run 8: Report of Indigo — Data Link

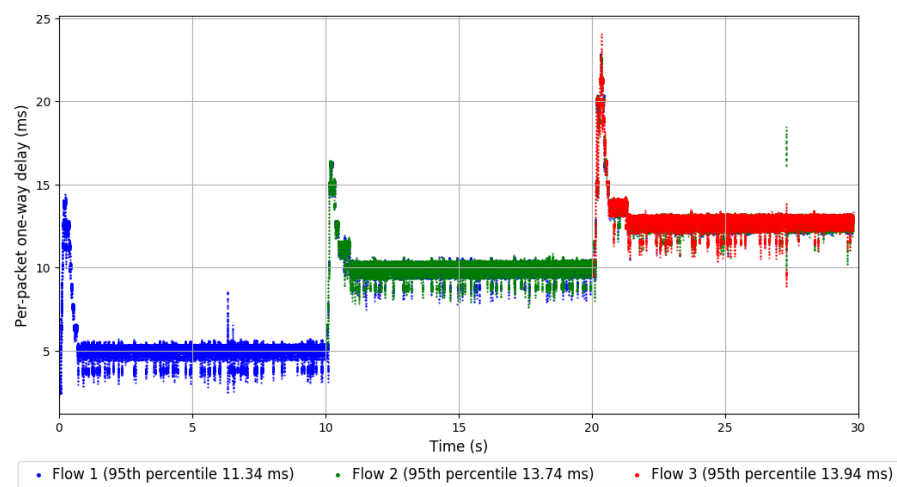
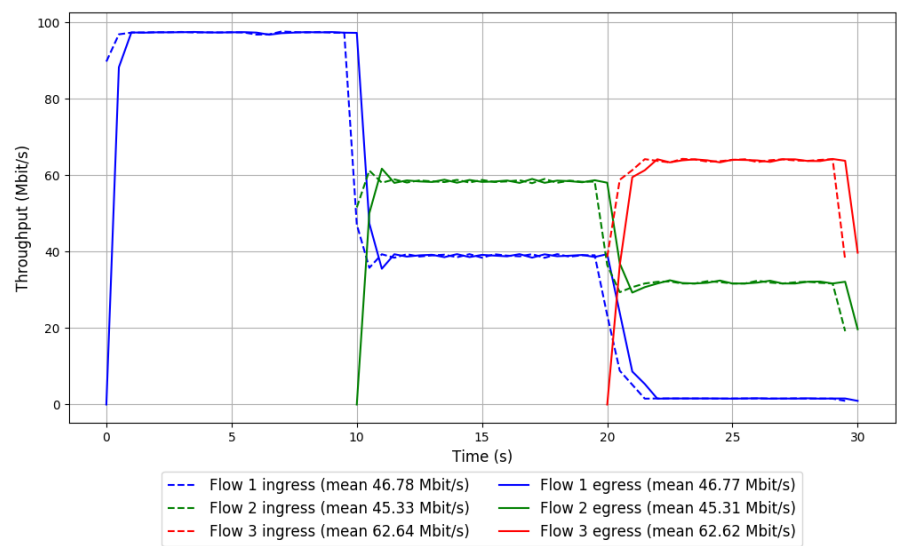


Run 9: Statistics of Indigo

Start at: 2018-08-09 11:19:06
End at: 2018-08-09 11:19:36
Local clock offset: -7.068 ms
Remote clock offset: 12.306 ms

```
# Below is generated by plot.py at 2018-08-09 12:07:05
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 13.202 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.77 Mbit/s
95th percentile per-packet one-way delay: 11.342 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.31 Mbit/s
95th percentile per-packet one-way delay: 13.745 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.62 Mbit/s
95th percentile per-packet one-way delay: 13.942 ms
Loss rate: 0.00%
```

Run 9: Report of Indigo — Data Link



Run 10: Statistics of Indigo

Start at: 2018-08-09 11:38:18

End at: 2018-08-09 11:38:48

Local clock offset: -2.585 ms

Remote clock offset: 0.801 ms

Below is generated by plot.py at 2018-08-09 12:07:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.29 Mbit/s

95th percentile per-packet one-way delay: 13.668 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 46.84 Mbit/s

95th percentile per-packet one-way delay: 11.535 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 45.29 Mbit/s

95th percentile per-packet one-way delay: 13.986 ms

Loss rate: 0.00%

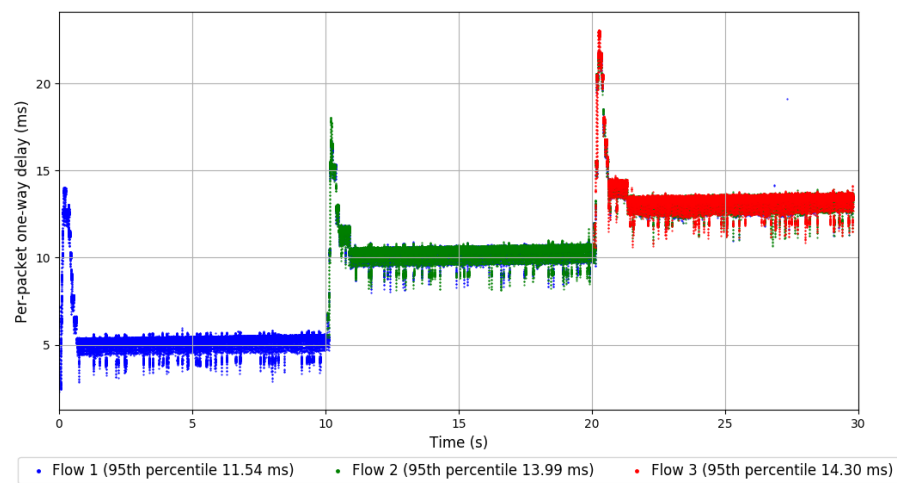
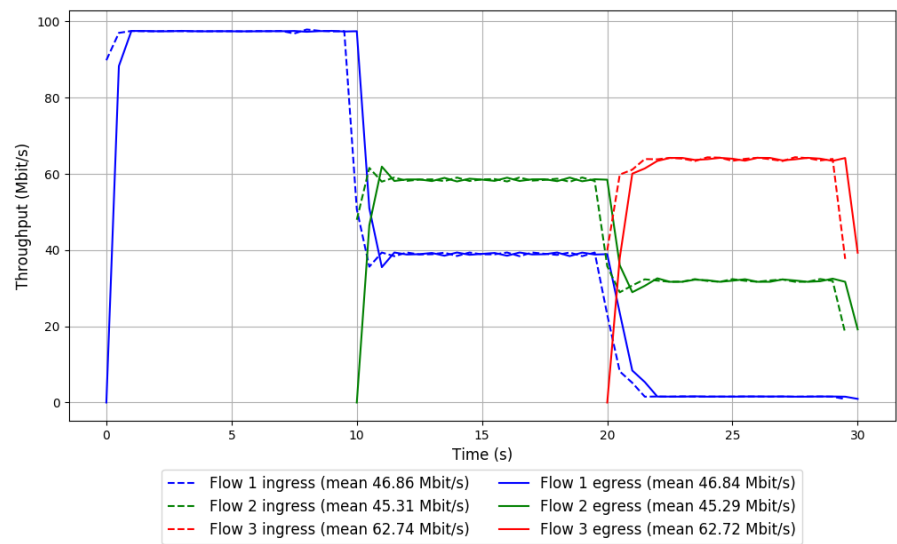
-- Flow 3:

Average throughput: 62.72 Mbit/s

95th percentile per-packet one-way delay: 14.304 ms

Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

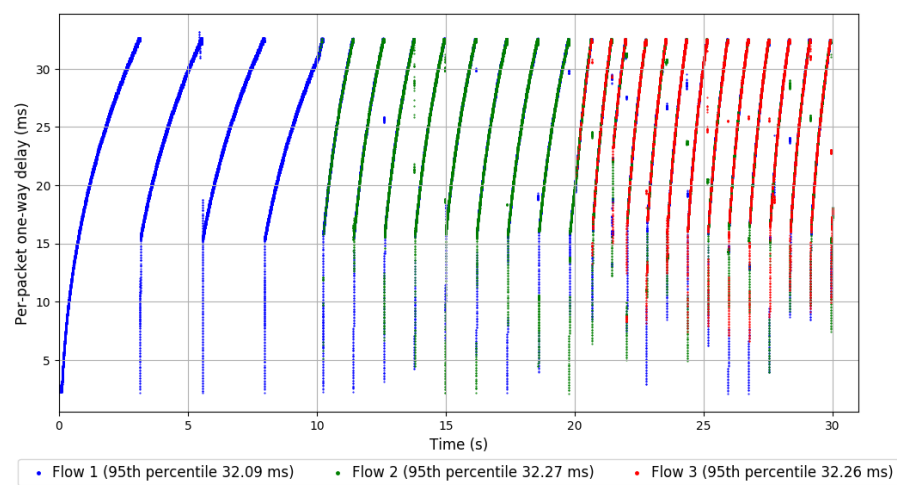
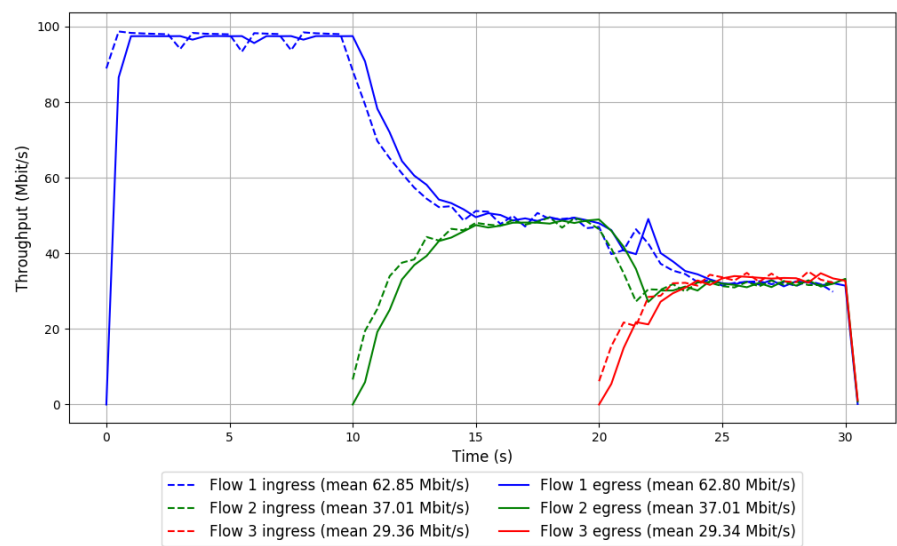


Run 1: Statistics of LEDBAT

Start at: 2018-08-09 08:46:41
End at: 2018-08-09 08:47:11
Local clock offset: -1.33 ms
Remote clock offset: -7.561 ms

Below is generated by plot.py at 2018-08-09 12:07:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 32.134 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.80 Mbit/s
95th percentile per-packet one-way delay: 32.095 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.01 Mbit/s
95th percentile per-packet one-way delay: 32.267 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 29.34 Mbit/s
95th percentile per-packet one-way delay: 32.262 ms
Loss rate: 0.10%

Run 1: Report of LEDBAT — Data Link

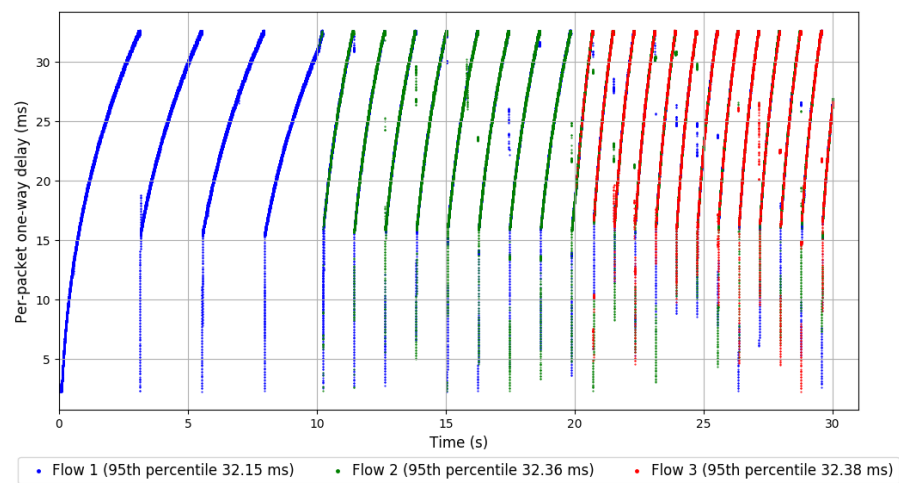
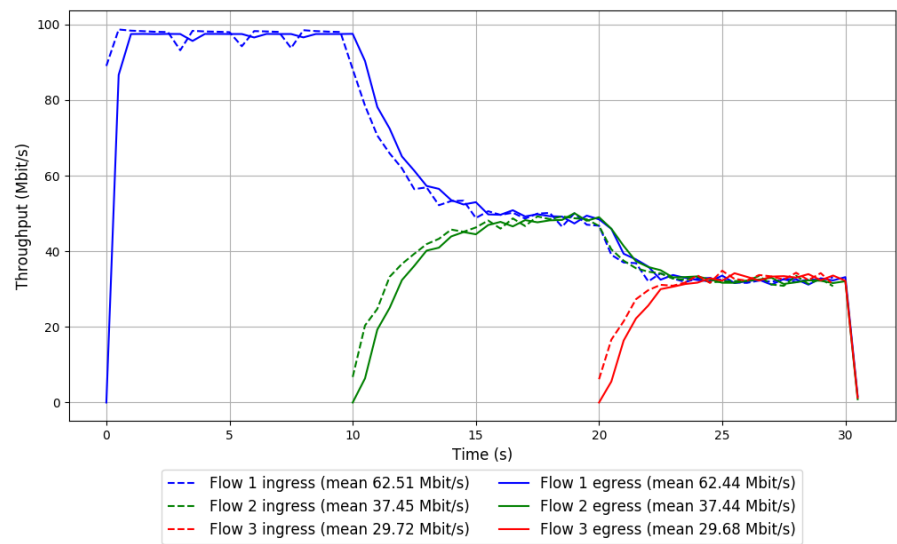


Run 2: Statistics of LEDBAT

Start at: 2018-08-09 09:05:52
End at: 2018-08-09 09:06:22
Local clock offset: -2.652 ms
Remote clock offset: -7.097 ms

Below is generated by plot.py at 2018-08-09 12:07:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.20 Mbit/s
95th percentile per-packet one-way delay: 32.175 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.44 Mbit/s
95th percentile per-packet one-way delay: 32.147 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.44 Mbit/s
95th percentile per-packet one-way delay: 32.357 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 29.68 Mbit/s
95th percentile per-packet one-way delay: 32.378 ms
Loss rate: 0.08%

Run 2: Report of LEDBAT — Data Link

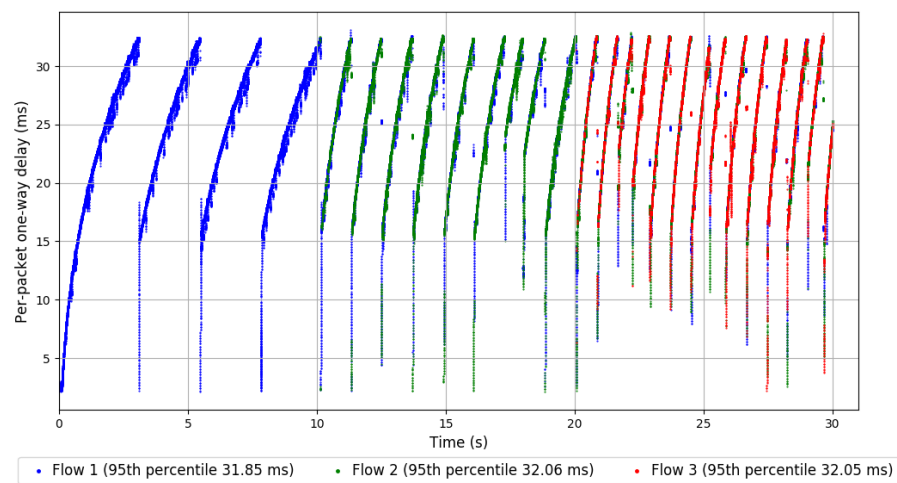
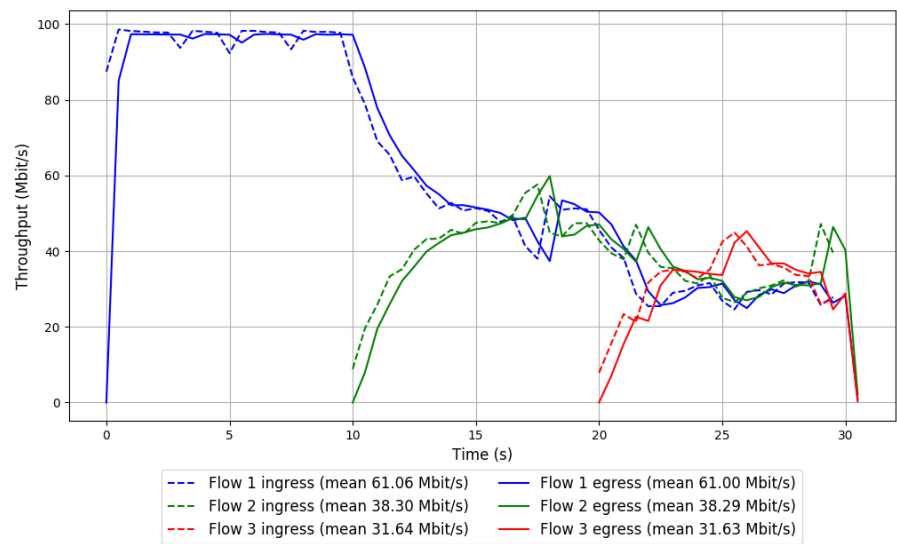


Run 3: Statistics of LEDBAT

Start at: 2018-08-09 09:25:04
End at: 2018-08-09 09:25:34
Local clock offset: -3.357 ms
Remote clock offset: -3.111 ms

Below is generated by plot.py at 2018-08-09 12:08:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.96 Mbit/s
95th percentile per-packet one-way delay: 31.979 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 61.00 Mbit/s
95th percentile per-packet one-way delay: 31.850 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 38.29 Mbit/s
95th percentile per-packet one-way delay: 32.058 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 31.63 Mbit/s
95th percentile per-packet one-way delay: 32.055 ms
Loss rate: 0.10%

Run 3: Report of LEDBAT — Data Link

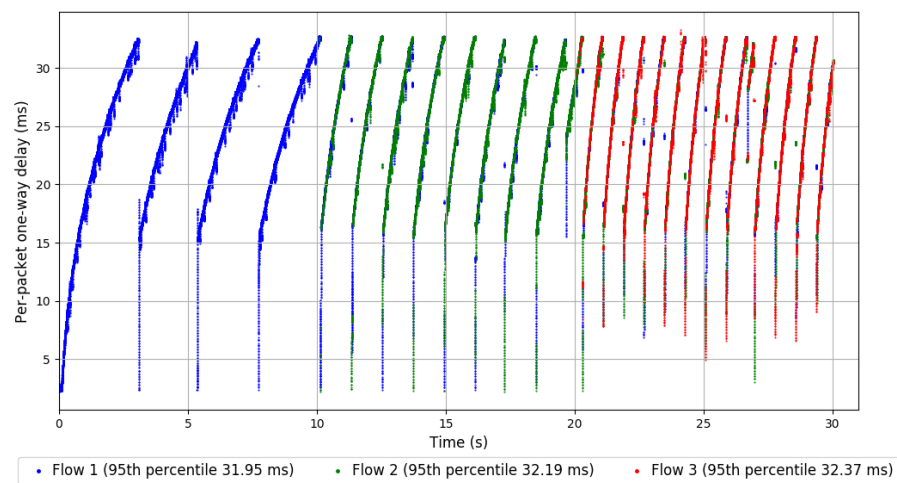
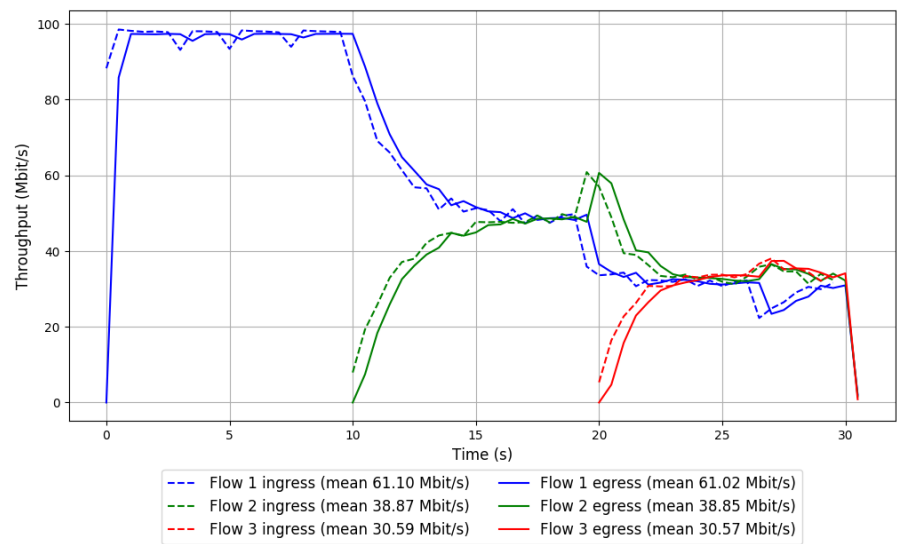


Run 4: Statistics of LEDBAT

Start at: 2018-08-09 09:44:16
End at: 2018-08-09 09:44:46
Local clock offset: -3.77 ms
Remote clock offset: -0.223 ms

Below is generated by plot.py at 2018-08-09 12:08:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.01 Mbit/s
95th percentile per-packet one-way delay: 32.138 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 61.02 Mbit/s
95th percentile per-packet one-way delay: 31.954 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 38.85 Mbit/s
95th percentile per-packet one-way delay: 32.185 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 30.57 Mbit/s
95th percentile per-packet one-way delay: 32.369 ms
Loss rate: 0.07%

Run 4: Report of LEDBAT — Data Link

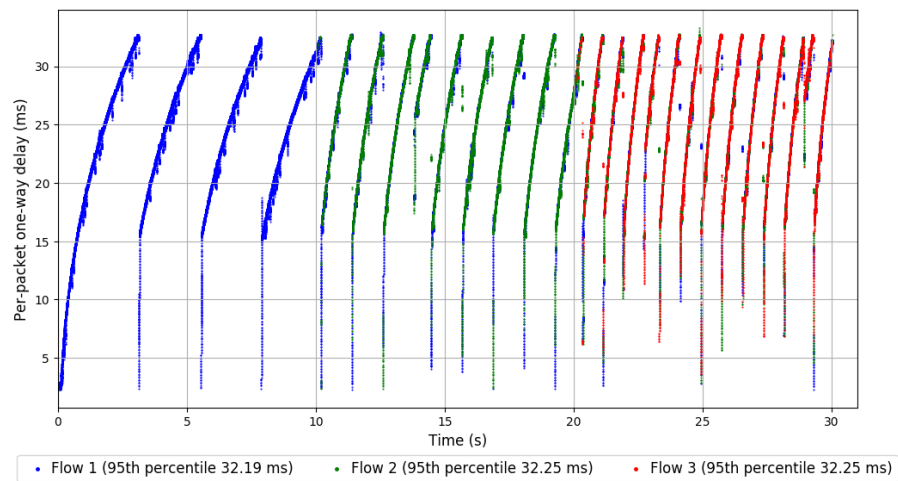
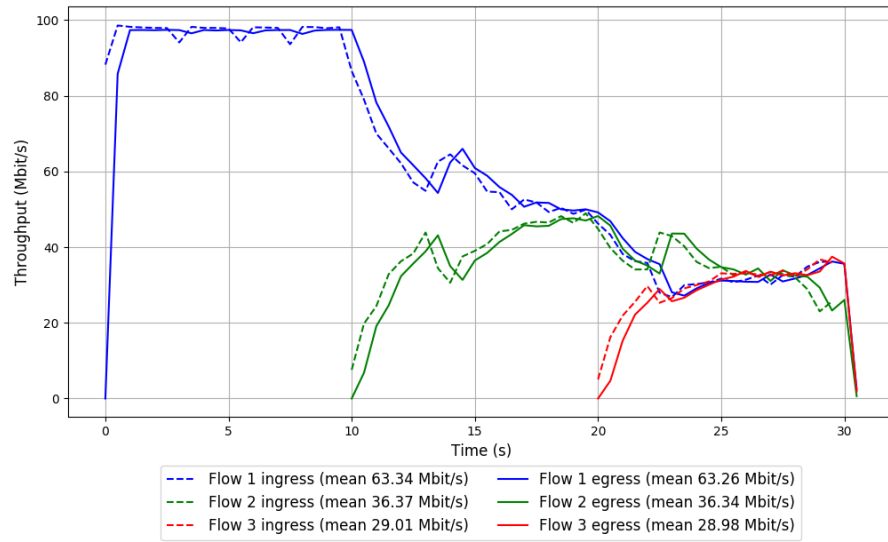


Run 5: Statistics of LEDBAT

Start at: 2018-08-09 10:03:28
End at: 2018-08-09 10:03:58
Local clock offset: -2.568 ms
Remote clock offset: -0.765 ms

Below is generated by plot.py at 2018-08-09 12:08:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.06 Mbit/s
95th percentile per-packet one-way delay: 32.209 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 63.26 Mbit/s
95th percentile per-packet one-way delay: 32.188 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 36.34 Mbit/s
95th percentile per-packet one-way delay: 32.250 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 28.98 Mbit/s
95th percentile per-packet one-way delay: 32.254 ms
Loss rate: 0.08%

Run 5: Report of LEDBAT — Data Link

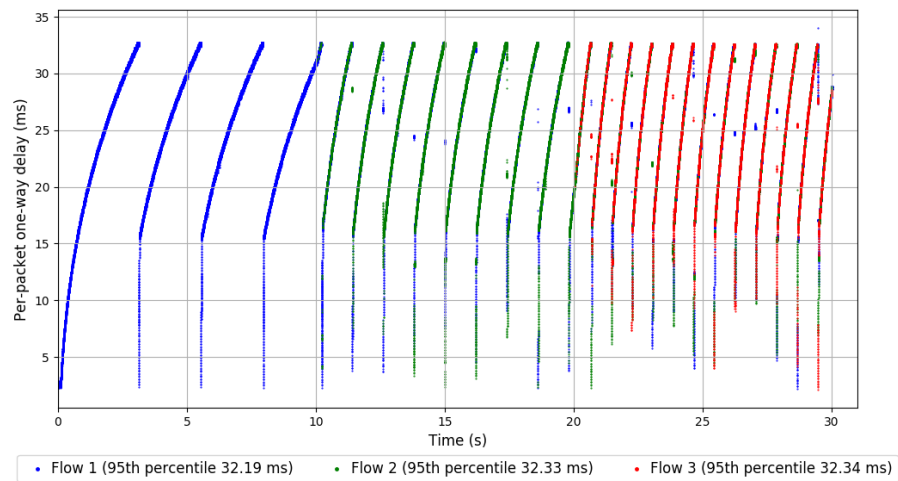
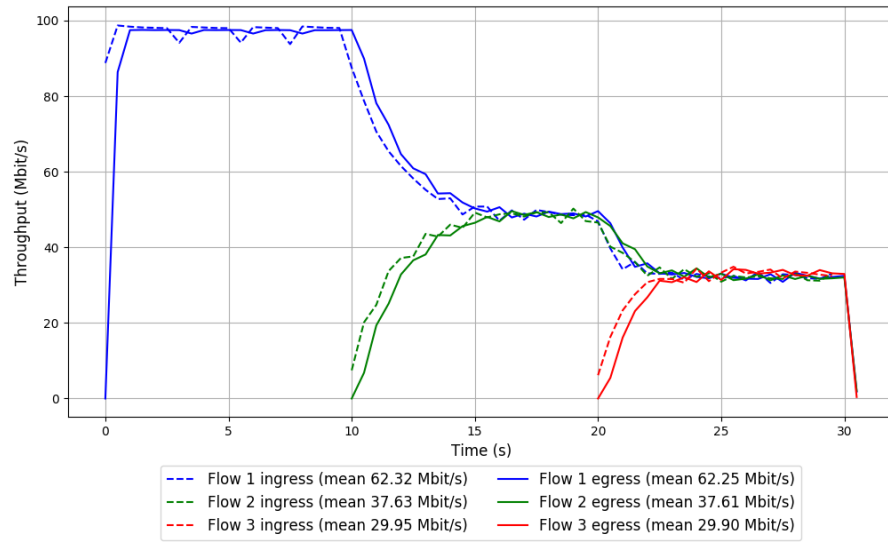


Run 6: Statistics of LEDBAT

Start at: 2018-08-09 10:22:39
End at: 2018-08-09 10:23:09
Local clock offset: -2.674 ms
Remote clock offset: -0.137 ms

Below is generated by plot.py at 2018-08-09 12:08:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.19 Mbit/s
95th percentile per-packet one-way delay: 32.220 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.25 Mbit/s
95th percentile per-packet one-way delay: 32.188 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.61 Mbit/s
95th percentile per-packet one-way delay: 32.333 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 29.90 Mbit/s
95th percentile per-packet one-way delay: 32.336 ms
Loss rate: 0.09%

Run 6: Report of LEDBAT — Data Link

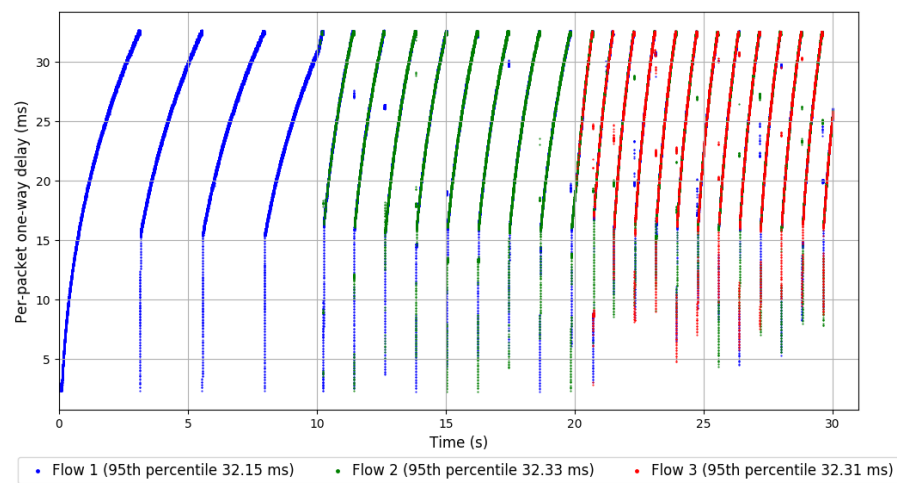
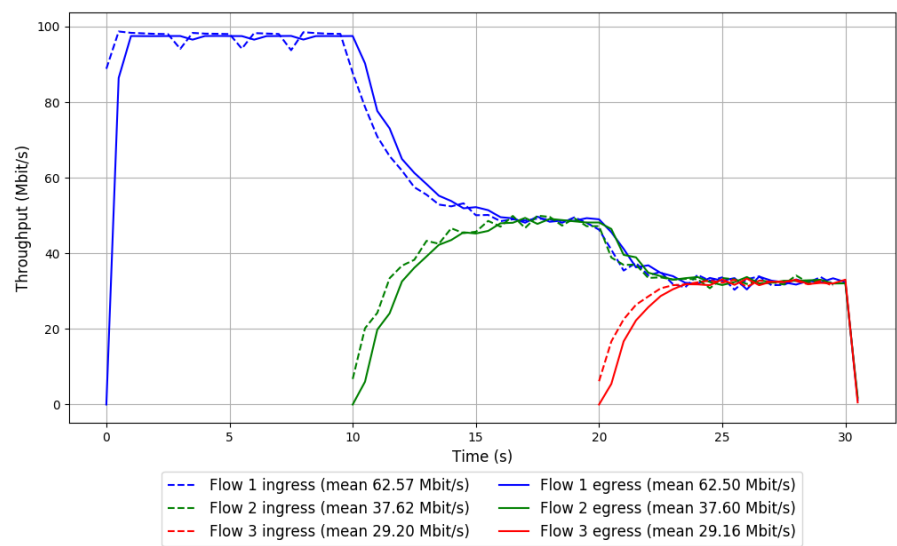


Run 7: Statistics of LEDBAT

Start at: 2018-08-09 10:41:51
End at: 2018-08-09 10:42:21
Local clock offset: -2.811 ms
Remote clock offset: 7.006 ms

Below is generated by plot.py at 2018-08-09 12:08:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 32.173 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.50 Mbit/s
95th percentile per-packet one-way delay: 32.145 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.60 Mbit/s
95th percentile per-packet one-way delay: 32.330 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 29.16 Mbit/s
95th percentile per-packet one-way delay: 32.314 ms
Loss rate: 0.08%

Run 7: Report of LEDBAT — Data Link



Run 8: Statistics of LEDBAT

Start at: 2018-08-09 11:01:02

End at: 2018-08-09 11:01:32

Local clock offset: -7.762 ms

Remote clock offset: 9.982 ms

Below is generated by plot.py at 2018-08-09 12:08:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.01 Mbit/s

95th percentile per-packet one-way delay: 31.935 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 57.64 Mbit/s

95th percentile per-packet one-way delay: 31.815 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 43.23 Mbit/s

95th percentile per-packet one-way delay: 32.033 ms

Loss rate: 0.06%

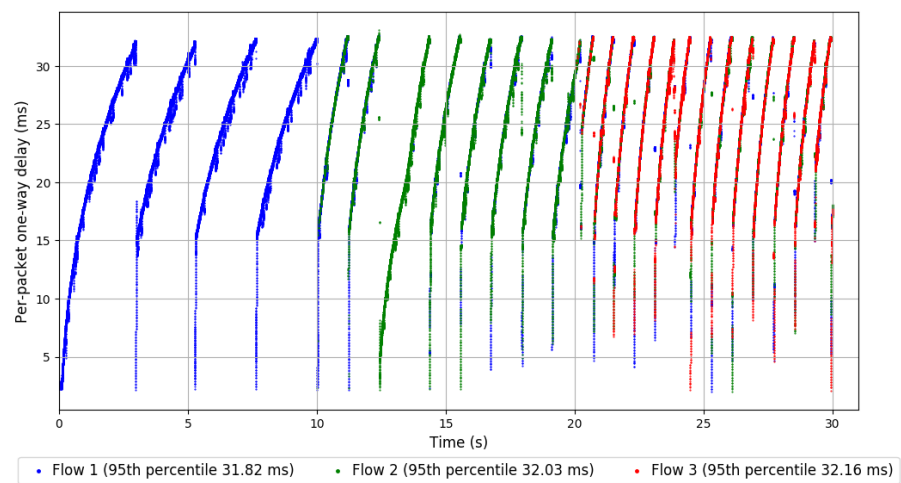
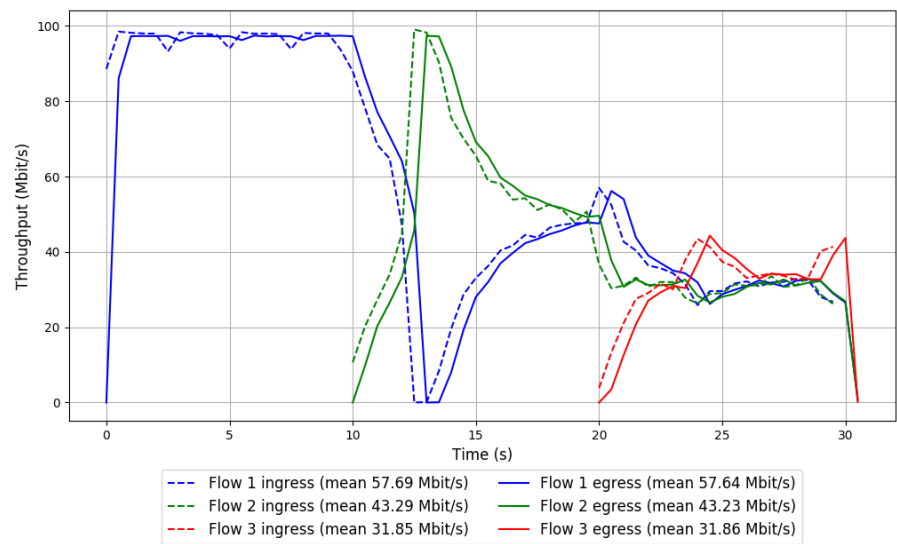
-- Flow 3:

Average throughput: 31.86 Mbit/s

95th percentile per-packet one-way delay: 32.160 ms

Loss rate: 0.09%

Run 8: Report of LEDBAT — Data Link

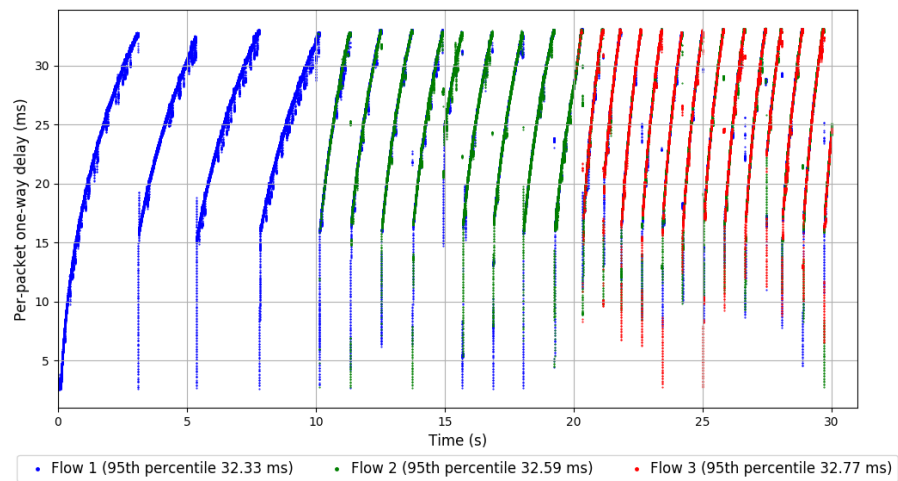
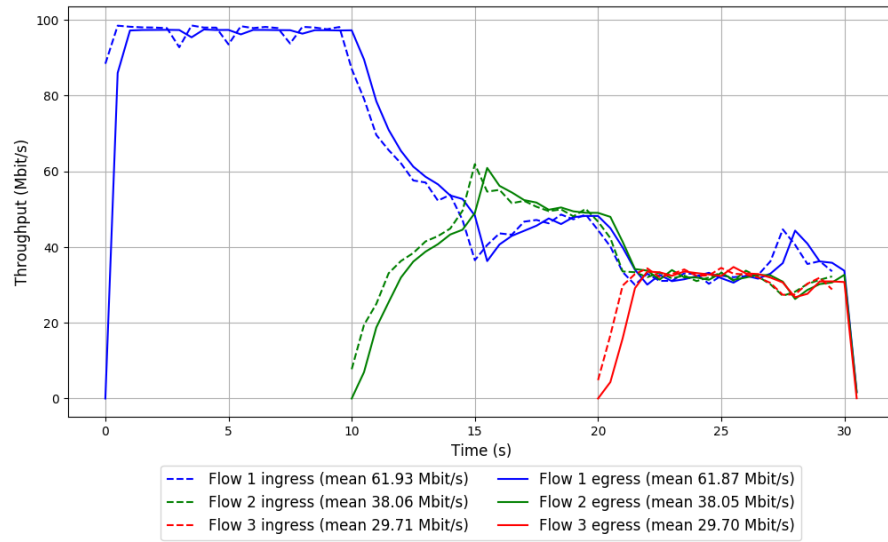


Run 9: Statistics of LEDBAT

Start at: 2018-08-09 11:20:15
End at: 2018-08-09 11:20:45
Local clock offset: -6.589 ms
Remote clock offset: 12.487 ms

Below is generated by plot.py at 2018-08-09 12:08:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 32.518 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 61.87 Mbit/s
95th percentile per-packet one-way delay: 32.330 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 38.05 Mbit/s
95th percentile per-packet one-way delay: 32.588 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 29.70 Mbit/s
95th percentile per-packet one-way delay: 32.771 ms
Loss rate: 0.08%

Run 9: Report of LEDBAT — Data Link

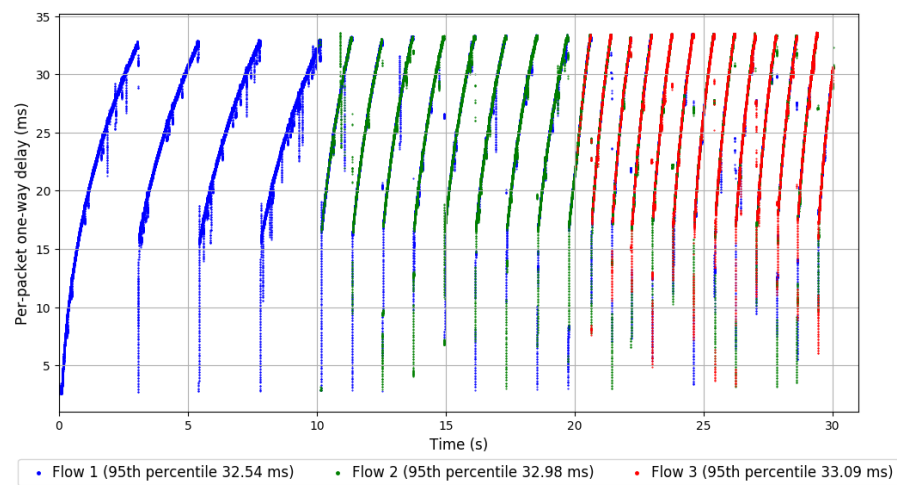
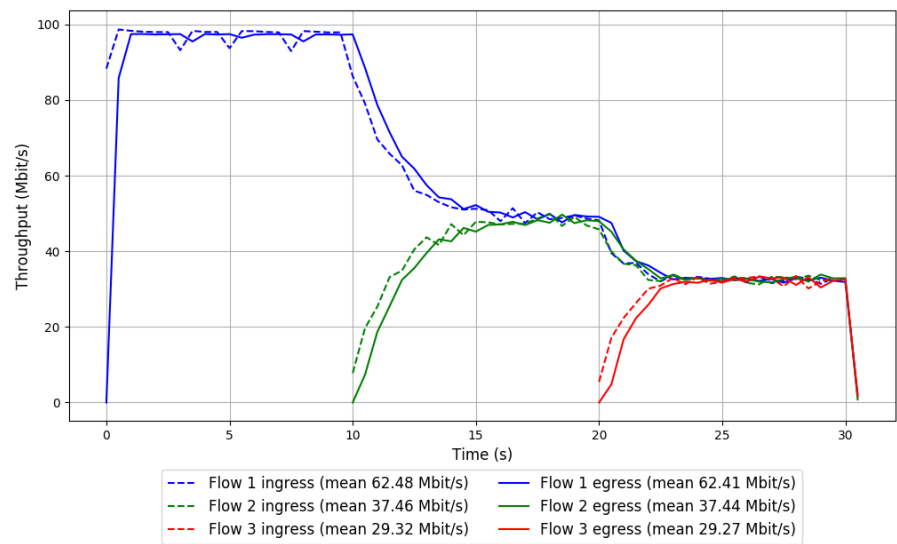


Run 10: Statistics of LEDBAT

Start at: 2018-08-09 11:39:27
End at: 2018-08-09 11:39:57
Local clock offset: -2.514 ms
Remote clock offset: -0.477 ms

Below is generated by plot.py at 2018-08-09 12:08:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.02 Mbit/s
95th percentile per-packet one-way delay: 32.738 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 62.41 Mbit/s
95th percentile per-packet one-way delay: 32.541 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.44 Mbit/s
95th percentile per-packet one-way delay: 32.975 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 29.27 Mbit/s
95th percentile per-packet one-way delay: 33.085 ms
Loss rate: 0.09%

Run 10: Report of LEDBAT — Data Link

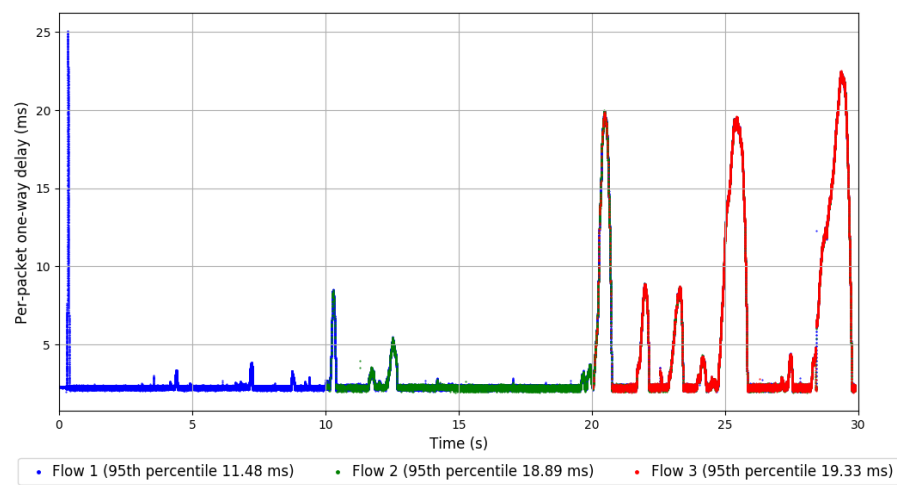
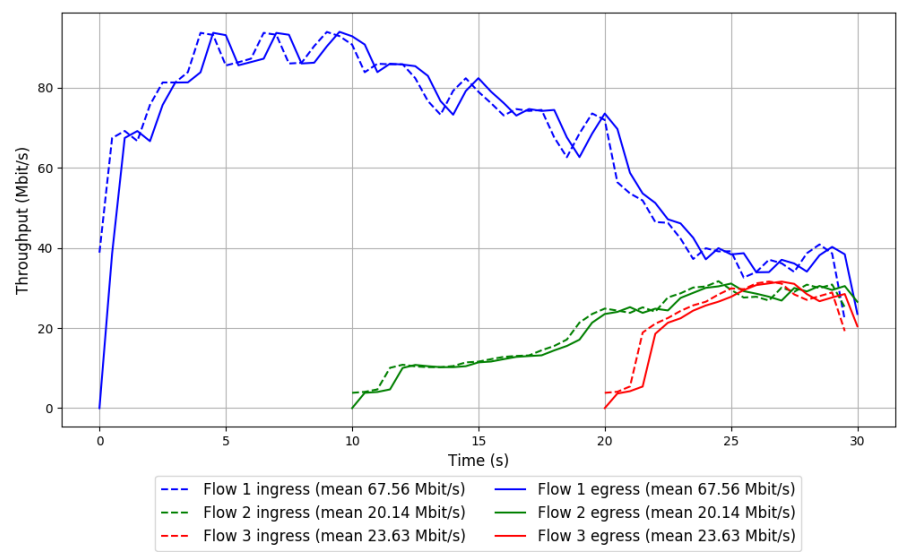


Run 1: Statistics of PCC-Allegro

Start at: 2018-08-09 08:50:05
End at: 2018-08-09 08:50:35
Local clock offset: -1.807 ms
Remote clock offset: -7.378 ms

Below is generated by plot.py at 2018-08-09 12:09:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.74 Mbit/s
95th percentile per-packet one-way delay: 15.816 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 67.56 Mbit/s
95th percentile per-packet one-way delay: 11.478 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 20.14 Mbit/s
95th percentile per-packet one-way delay: 18.891 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.63 Mbit/s
95th percentile per-packet one-way delay: 19.327 ms
Loss rate: 0.00%

Run 1: Report of PCC-Allegro — Data Link

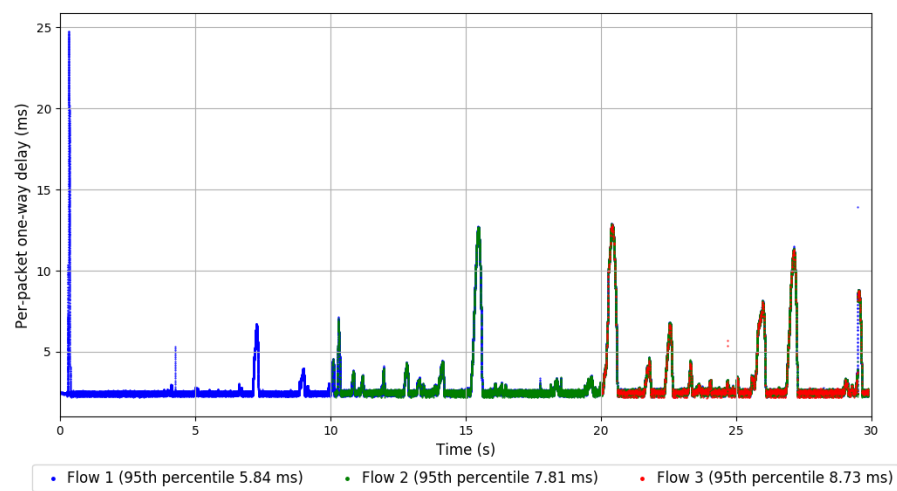
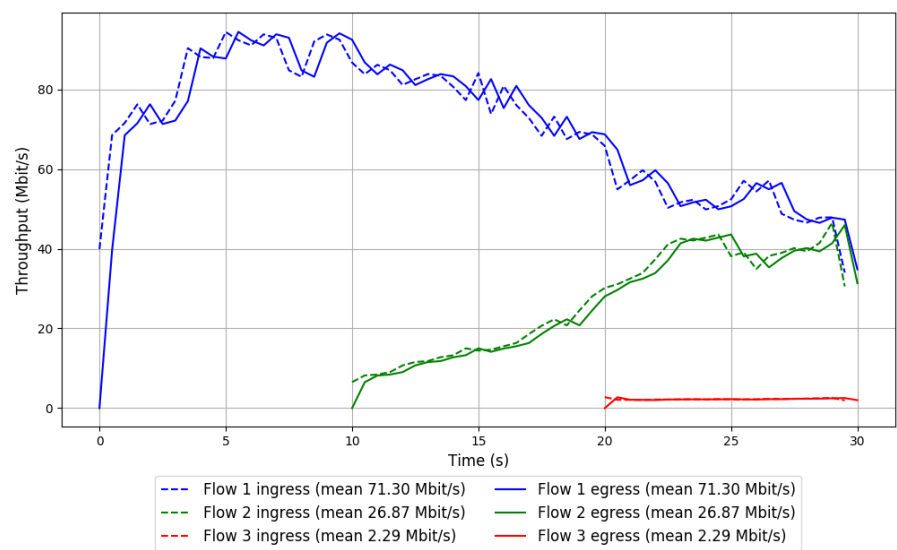


Run 2: Statistics of PCC-Allegro

Start at: 2018-08-09 09:09:17
End at: 2018-08-09 09:09:47
Local clock offset: -2.7 ms
Remote clock offset: -7.071 ms

Below is generated by plot.py at 2018-08-09 12:09:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.91 Mbit/s
95th percentile per-packet one-way delay: 6.483 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 71.30 Mbit/s
95th percentile per-packet one-way delay: 5.844 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.87 Mbit/s
95th percentile per-packet one-way delay: 7.808 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 2.29 Mbit/s
95th percentile per-packet one-way delay: 8.729 ms
Loss rate: 0.00%

Run 2: Report of PCC-Allegro — Data Link

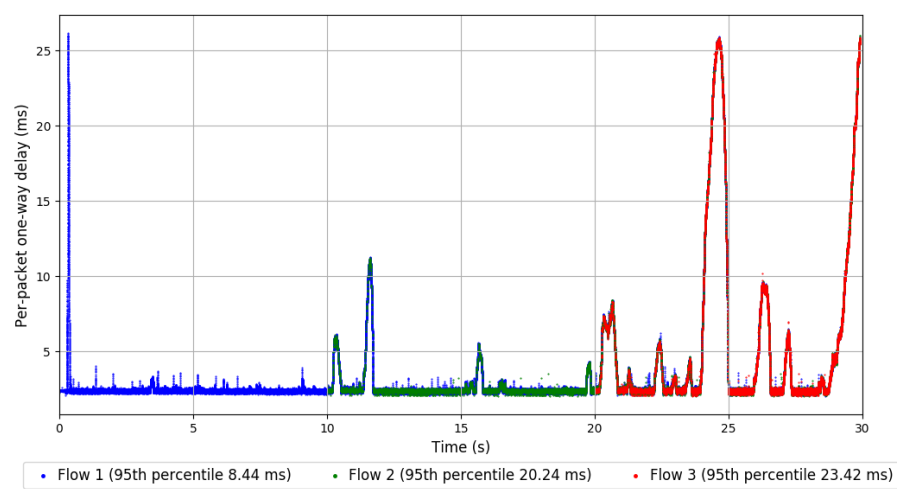
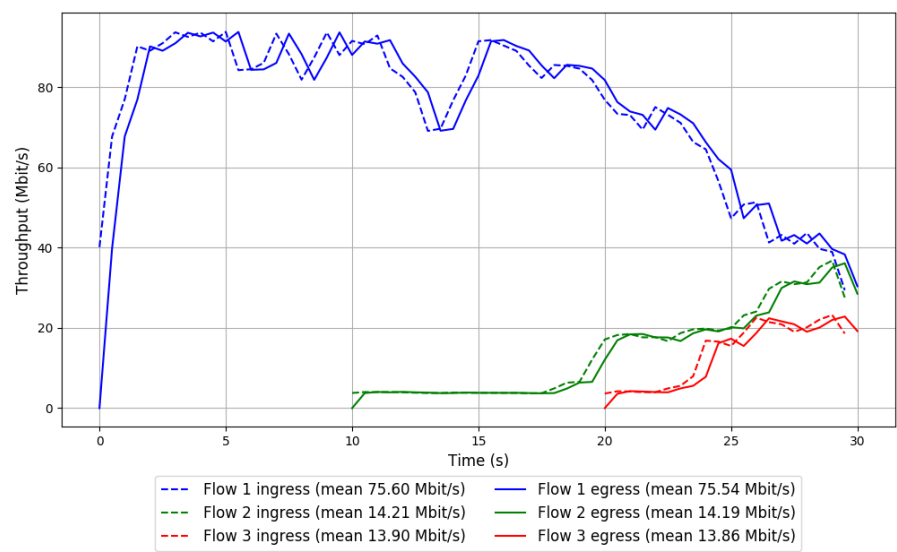


Run 3: Statistics of PCC-Allegro

Start at: 2018-08-09 09:28:28
End at: 2018-08-09 09:28:58
Local clock offset: -3.537 ms
Remote clock offset: -2.429 ms

Below is generated by plot.py at 2018-08-09 12:09:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.56 Mbit/s
95th percentile per-packet one-way delay: 11.471 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 75.54 Mbit/s
95th percentile per-packet one-way delay: 8.437 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 14.19 Mbit/s
95th percentile per-packet one-way delay: 20.238 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 13.86 Mbit/s
95th percentile per-packet one-way delay: 23.417 ms
Loss rate: 0.00%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-08-09 09:47:40

End at: 2018-08-09 09:48:10

Local clock offset: -3.508 ms

Remote clock offset: 0.123 ms

Below is generated by plot.py at 2018-08-09 12:09:24

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.86 Mbit/s

95th percentile per-packet one-way delay: 5.214 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 82.30 Mbit/s

95th percentile per-packet one-way delay: 5.191 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 6.15 Mbit/s

95th percentile per-packet one-way delay: 5.439 ms

Loss rate: 0.00%

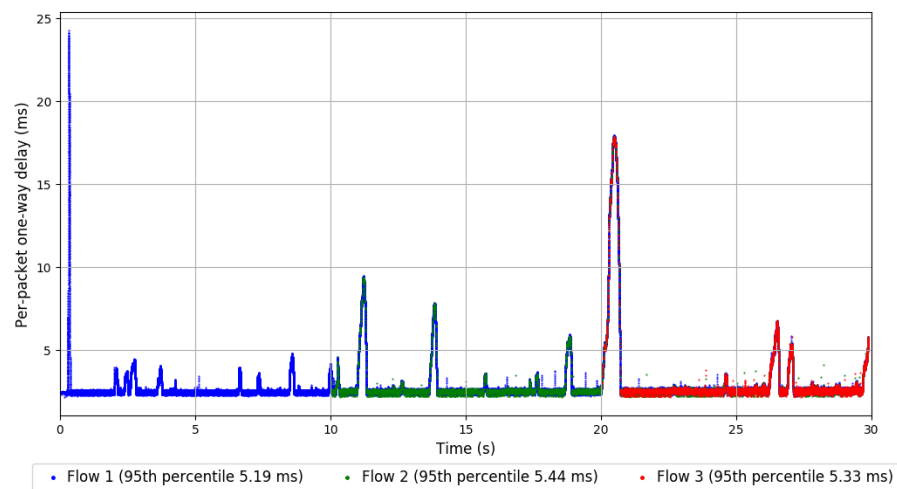
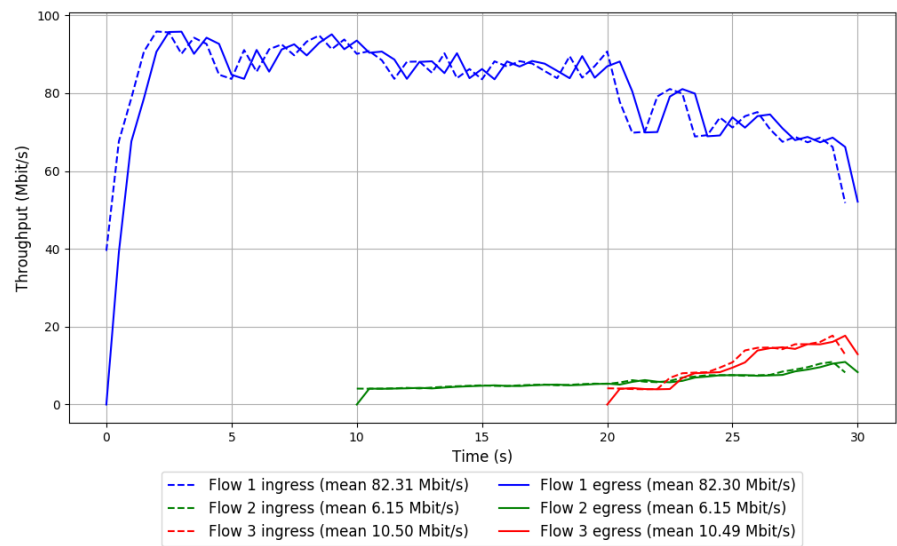
-- Flow 3:

Average throughput: 10.49 Mbit/s

95th percentile per-packet one-way delay: 5.335 ms

Loss rate: 0.00%

Run 4: Report of PCC-Allegro — Data Link



Run 5: Statistics of PCC-Allegro

Start at: 2018-08-09 10:06:52

End at: 2018-08-09 10:07:22

Local clock offset: -2.51 ms

Remote clock offset: -0.81 ms

Below is generated by plot.py at 2018-08-09 12:09:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.39 Mbit/s

95th percentile per-packet one-way delay: 33.029 ms

Loss rate: 0.50%

-- Flow 1:

Average throughput: 68.23 Mbit/s

95th percentile per-packet one-way delay: 32.996 ms

Loss rate: 0.35%

-- Flow 2:

Average throughput: 23.30 Mbit/s

95th percentile per-packet one-way delay: 33.047 ms

Loss rate: 0.76%

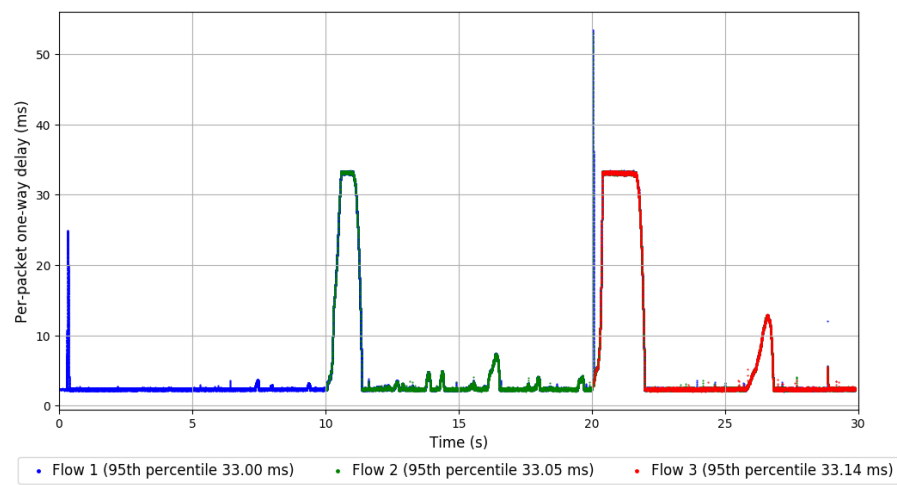
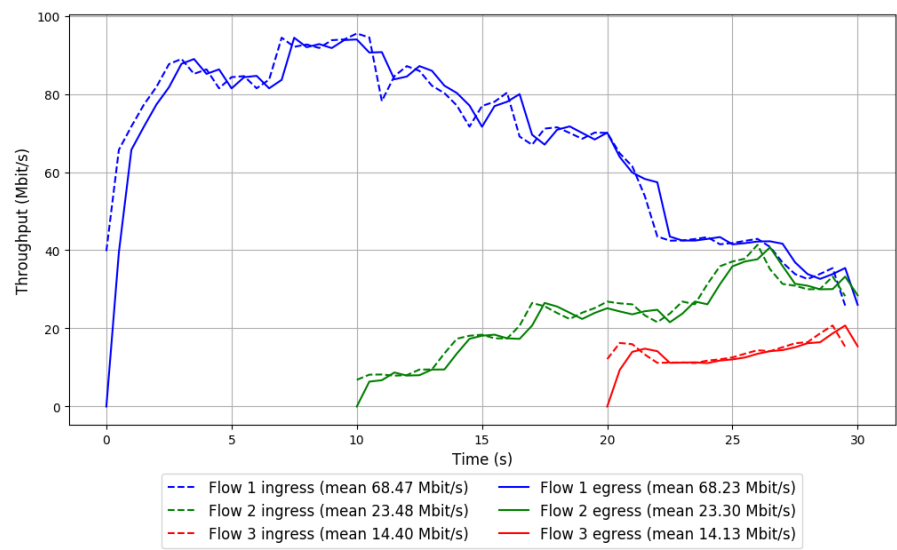
-- Flow 3:

Average throughput: 14.13 Mbit/s

95th percentile per-packet one-way delay: 33.142 ms

Loss rate: 1.85%

Run 5: Report of PCC-Allegro — Data Link



Run 6: Statistics of PCC-Allegro

Start at: 2018-08-09 10:26:04

End at: 2018-08-09 10:26:34

Local clock offset: -2.72 ms

Remote clock offset: 1.684 ms

Below is generated by plot.py at 2018-08-09 12:09:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.10 Mbit/s

95th percentile per-packet one-way delay: 5.013 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 64.30 Mbit/s

95th percentile per-packet one-way delay: 4.188 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 21.65 Mbit/s

95th percentile per-packet one-way delay: 6.132 ms

Loss rate: 0.00%

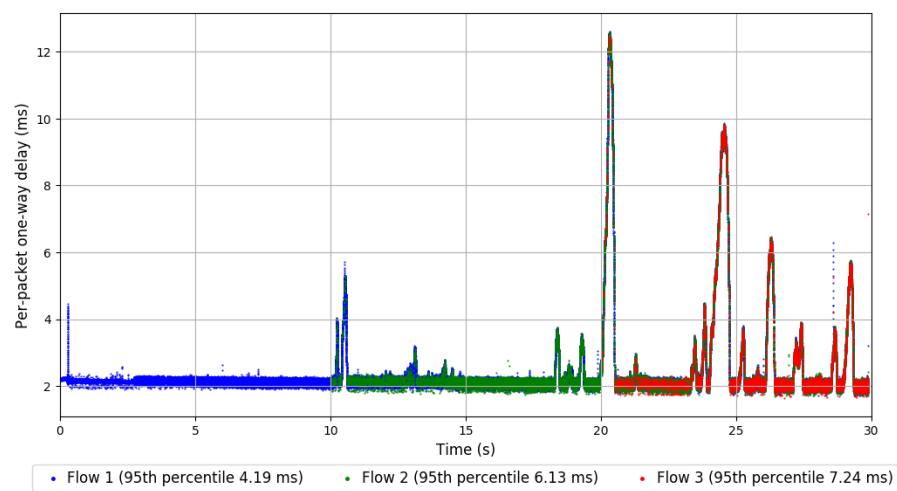
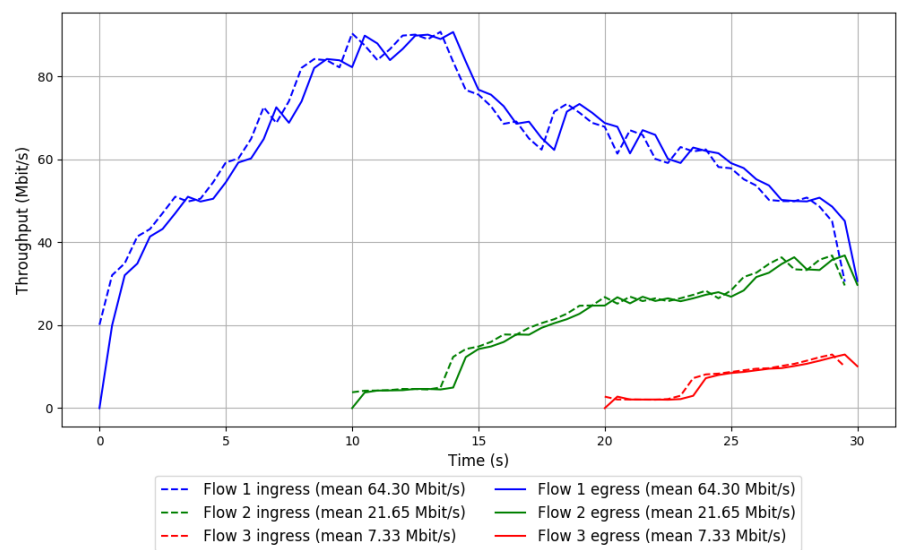
-- Flow 3:

Average throughput: 7.33 Mbit/s

95th percentile per-packet one-way delay: 7.242 ms

Loss rate: 0.00%

Run 6: Report of PCC-Allegro — Data Link



Run 7: Statistics of PCC-Allegro

Start at: 2018-08-09 10:45:15

End at: 2018-08-09 10:45:45

Local clock offset: -2.791 ms

Remote clock offset: 7.589 ms

Below is generated by plot.py at 2018-08-09 12:09:45

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.16 Mbit/s

95th percentile per-packet one-way delay: 3.486 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 80.49 Mbit/s

95th percentile per-packet one-way delay: 3.489 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 6.23 Mbit/s

95th percentile per-packet one-way delay: 3.483 ms

Loss rate: 0.00%

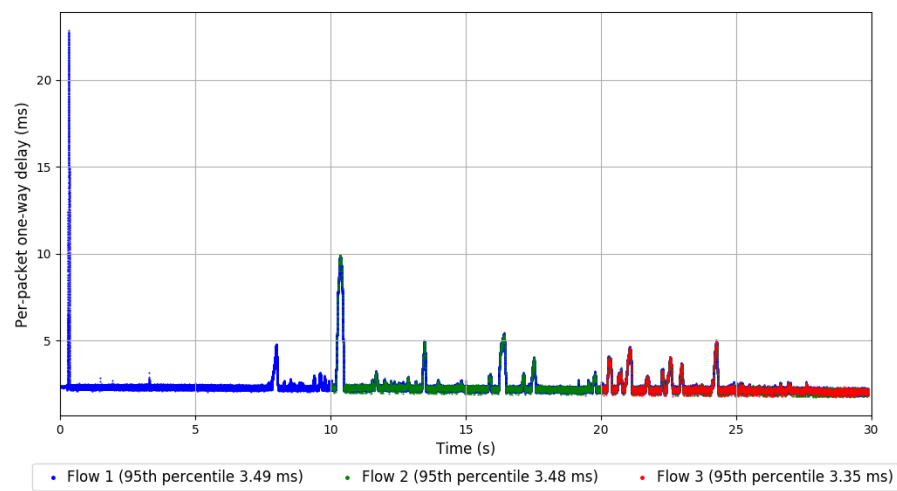
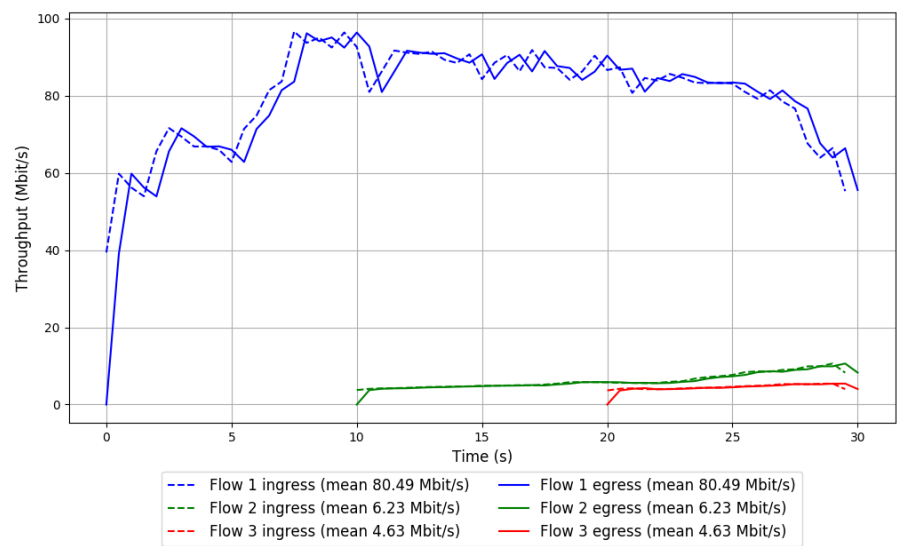
-- Flow 3:

Average throughput: 4.63 Mbit/s

95th percentile per-packet one-way delay: 3.348 ms

Loss rate: 0.00%

Run 7: Report of PCC-Allegro — Data Link

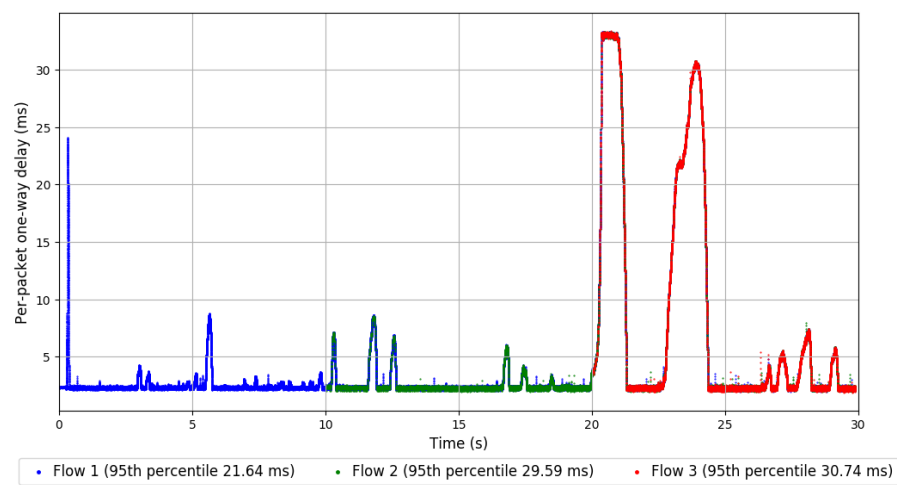
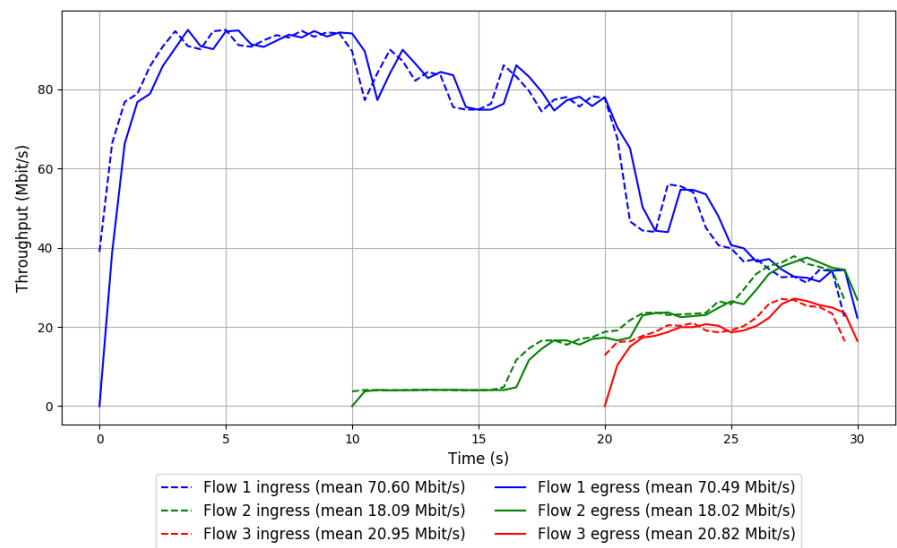


Run 8: Statistics of PCC-Allegro

Start at: 2018-08-09 11:04:27
End at: 2018-08-09 11:04:57
Local clock offset: -8.242 ms
Remote clock offset: 10.411 ms

Below is generated by plot.py at 2018-08-09 12:09:50
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.34 Mbit/s
95th percentile per-packet one-way delay: 25.020 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 70.49 Mbit/s
95th percentile per-packet one-way delay: 21.638 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 18.02 Mbit/s
95th percentile per-packet one-way delay: 29.588 ms
Loss rate: 0.39%
-- Flow 3:
Average throughput: 20.82 Mbit/s
95th percentile per-packet one-way delay: 30.737 ms
Loss rate: 0.63%

Run 8: Report of PCC-Allegro — Data Link

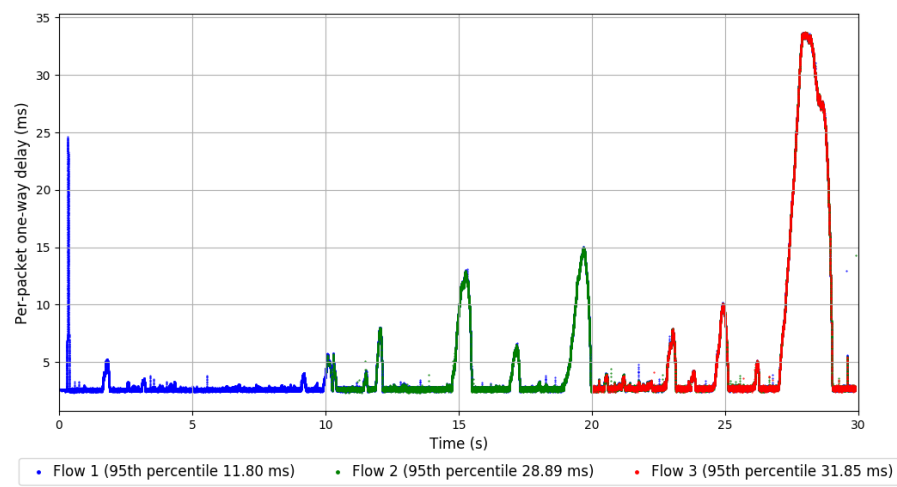
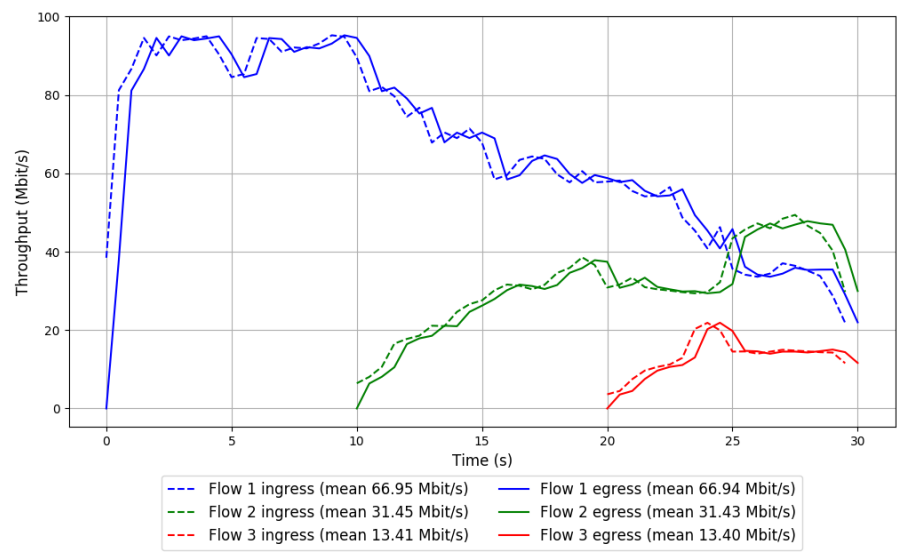


Run 9: Statistics of PCC-Allegro

Start at: 2018-08-09 11:23:39
End at: 2018-08-09 11:24:09
Local clock offset: -5.214 ms
Remote clock offset: 12.904 ms

Below is generated by plot.py at 2018-08-09 12:10:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.23 Mbit/s
95th percentile per-packet one-way delay: 18.791 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 66.94 Mbit/s
95th percentile per-packet one-way delay: 11.805 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.43 Mbit/s
95th percentile per-packet one-way delay: 28.893 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 13.40 Mbit/s
95th percentile per-packet one-way delay: 31.848 ms
Loss rate: 0.06%

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

Start at: 2018-08-09 11:42:51

End at: 2018-08-09 11:43:21

Local clock offset: -2.28 ms

Remote clock offset: -3.98 ms

Below is generated by plot.py at 2018-08-09 12:10:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.10 Mbit/s

95th percentile per-packet one-way delay: 13.008 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 65.49 Mbit/s

95th percentile per-packet one-way delay: 11.951 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 24.20 Mbit/s

95th percentile per-packet one-way delay: 17.600 ms

Loss rate: 0.00%

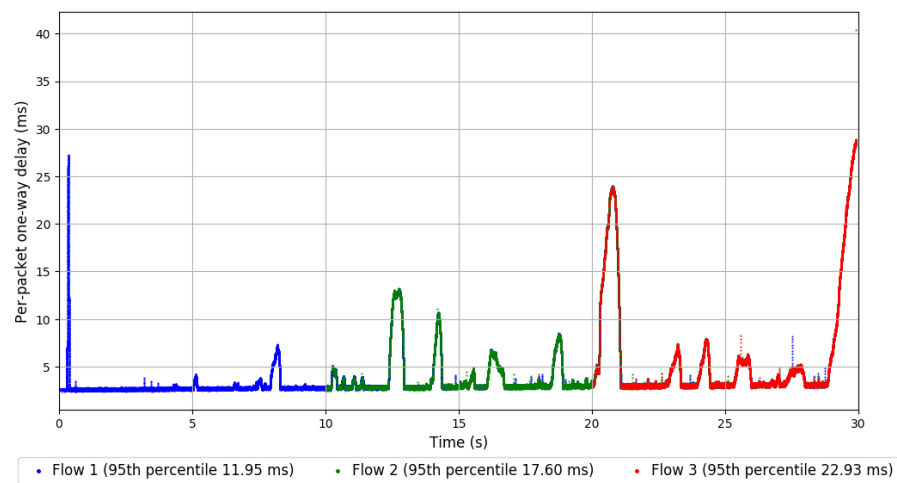
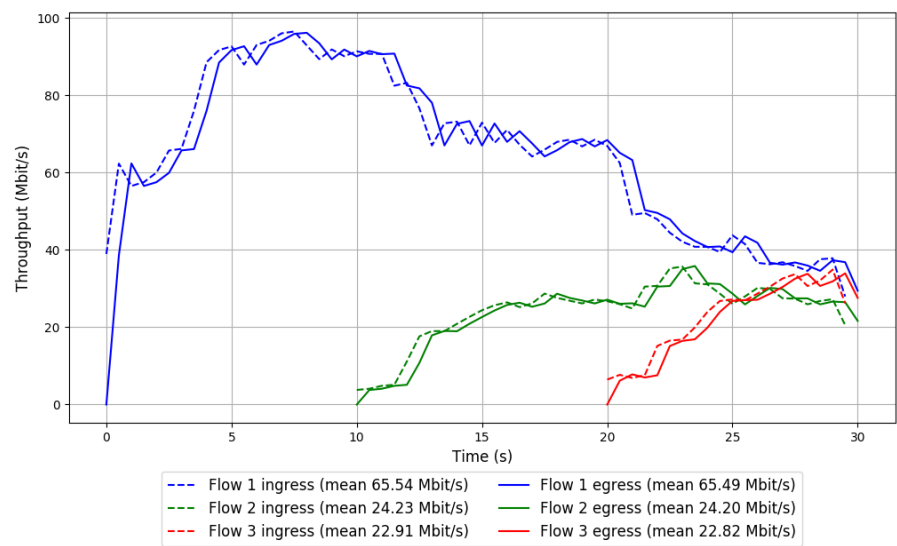
-- Flow 3:

Average throughput: 22.82 Mbit/s

95th percentile per-packet one-way delay: 22.926 ms

Loss rate: 0.00%

Run 10: Report of PCC-Allegro — Data Link

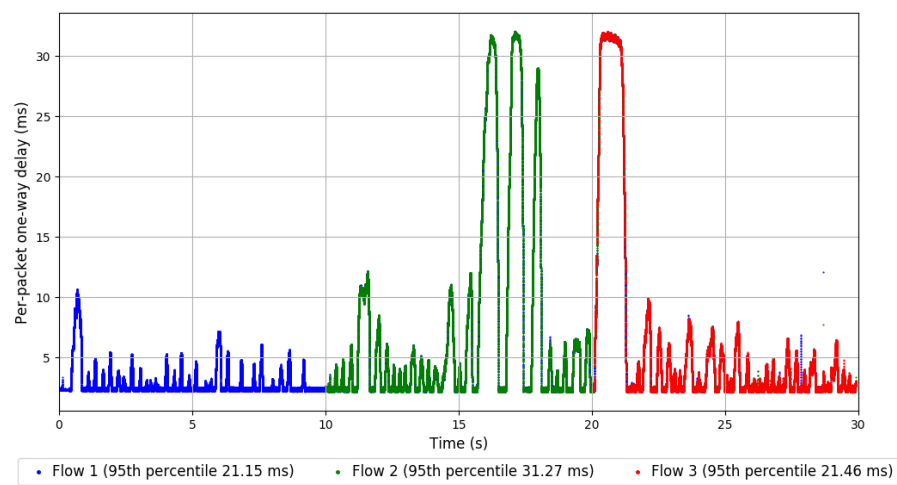
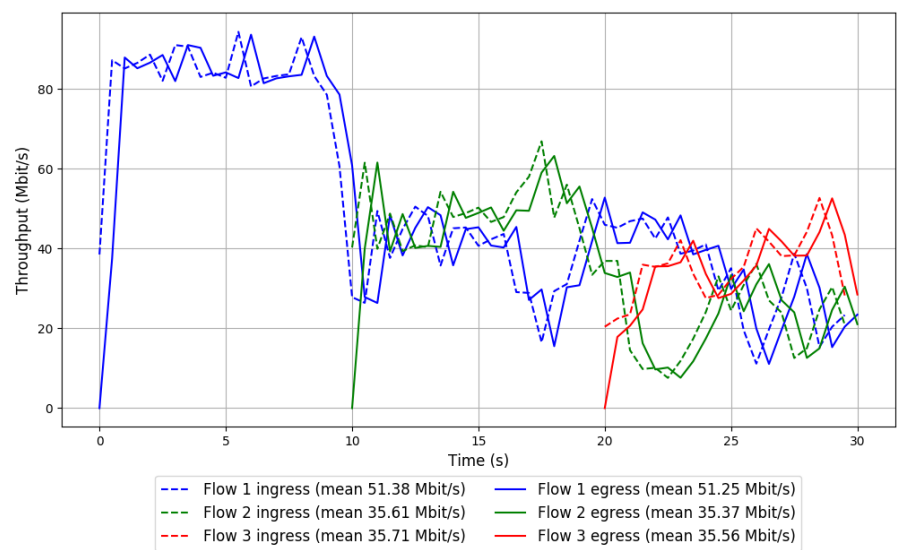


```
Run 1: Statistics of PCC-Expr

Start at: 2018-08-09 08:51:11
End at: 2018-08-09 08:51:41
Local clock offset: -1.936 ms
Remote clock offset: -7.24 ms

# Below is generated by plot.py at 2018-08-09 12:11:15
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.52 Mbit/s
95th percentile per-packet one-way delay: 28.964 ms
Loss rate: 0.39%
-- Flow 1:
Average throughput: 51.25 Mbit/s
95th percentile per-packet one-way delay: 21.152 ms
Loss rate: 0.25%
-- Flow 2:
Average throughput: 35.37 Mbit/s
95th percentile per-packet one-way delay: 31.266 ms
Loss rate: 0.68%
-- Flow 3:
Average throughput: 35.56 Mbit/s
95th percentile per-packet one-way delay: 21.460 ms
Loss rate: 0.42%
```


Run 1: Report of PCC-Expr — Data Link

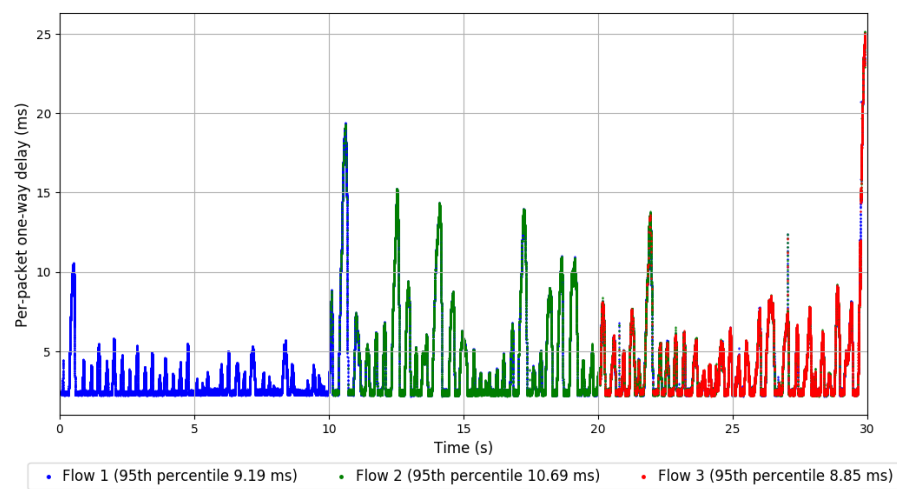
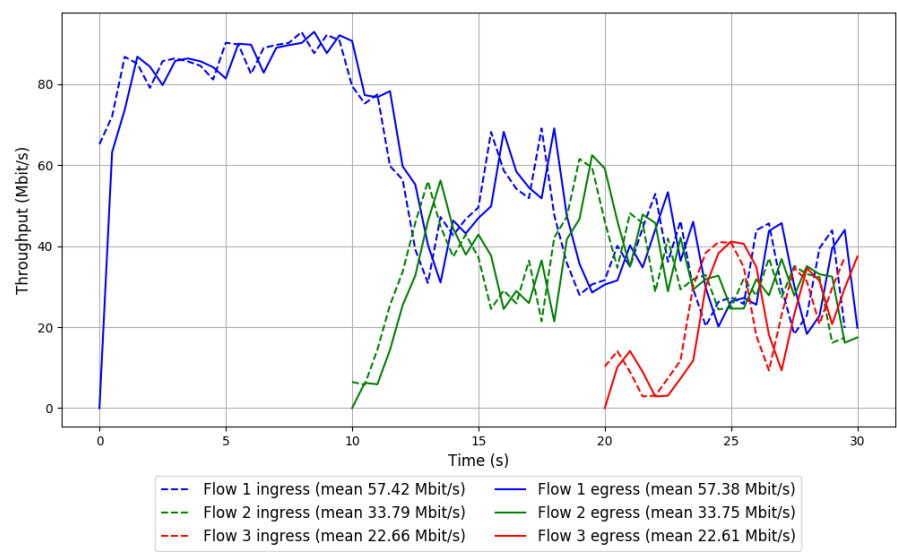


Run 2: Statistics of PCC-Expr

Start at: 2018-08-09 09:10:23
End at: 2018-08-09 09:10:53
Local clock offset: -2.717 ms
Remote clock offset: -7.176 ms

Below is generated by plot.py at 2018-08-09 12:11:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.31 Mbit/s
95th percentile per-packet one-way delay: 9.851 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.38 Mbit/s
95th percentile per-packet one-way delay: 9.194 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.75 Mbit/s
95th percentile per-packet one-way delay: 10.693 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 22.61 Mbit/s
95th percentile per-packet one-way delay: 8.854 ms
Loss rate: 0.00%

Run 2: Report of PCC-Expr — Data Link

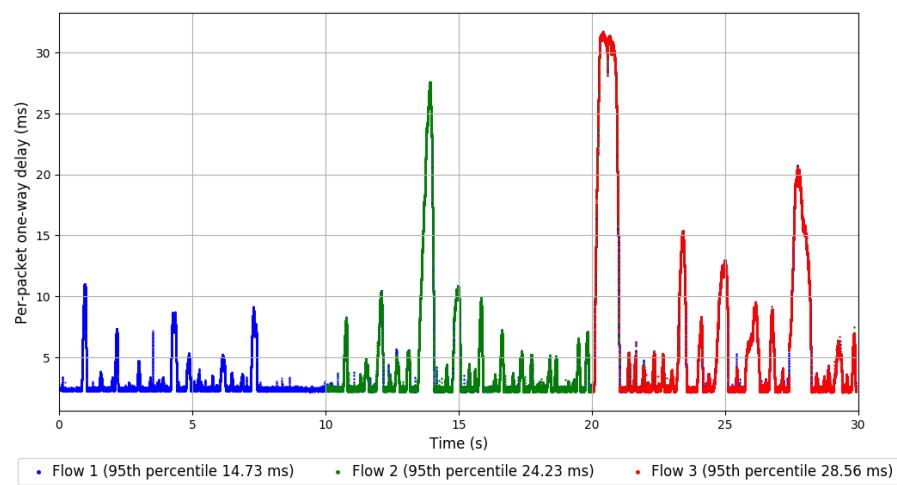
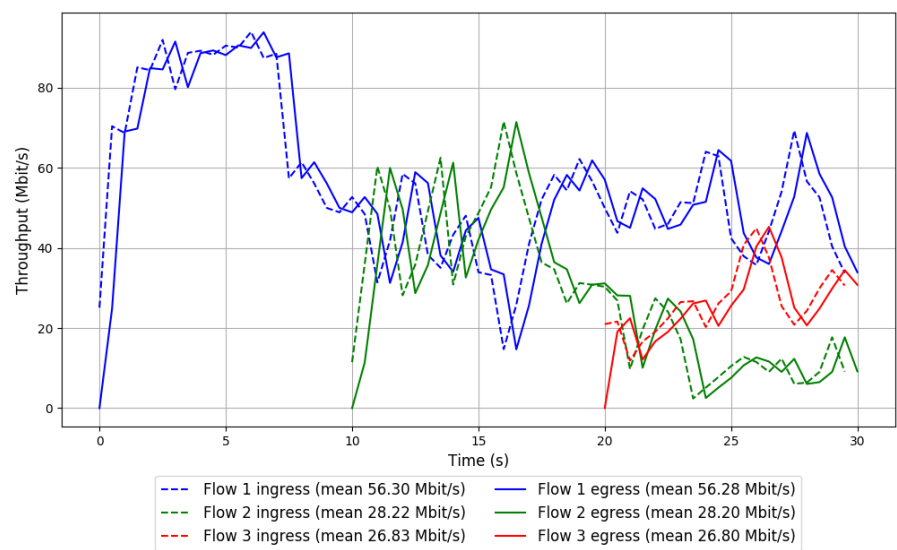


Run 3: Statistics of PCC-Expr

Start at: 2018-08-09 09:29:35
End at: 2018-08-09 09:30:05
Local clock offset: -3.507 ms
Remote clock offset: -2.135 ms

Below is generated by plot.py at 2018-08-09 12:11:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.89 Mbit/s
95th percentile per-packet one-way delay: 17.798 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 56.28 Mbit/s
95th percentile per-packet one-way delay: 14.729 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 28.20 Mbit/s
95th percentile per-packet one-way delay: 24.229 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 26.80 Mbit/s
95th percentile per-packet one-way delay: 28.561 ms
Loss rate: 0.12%

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2018-08-09 09:48:46

End at: 2018-08-09 09:49:16

Local clock offset: -3.402 ms

Remote clock offset: 0.214 ms

Below is generated by plot.py at 2018-08-09 12:11:17

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.37 Mbit/s

95th percentile per-packet one-way delay: 14.577 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 59.78 Mbit/s

95th percentile per-packet one-way delay: 14.403 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 30.09 Mbit/s

95th percentile per-packet one-way delay: 15.679 ms

Loss rate: 0.00%

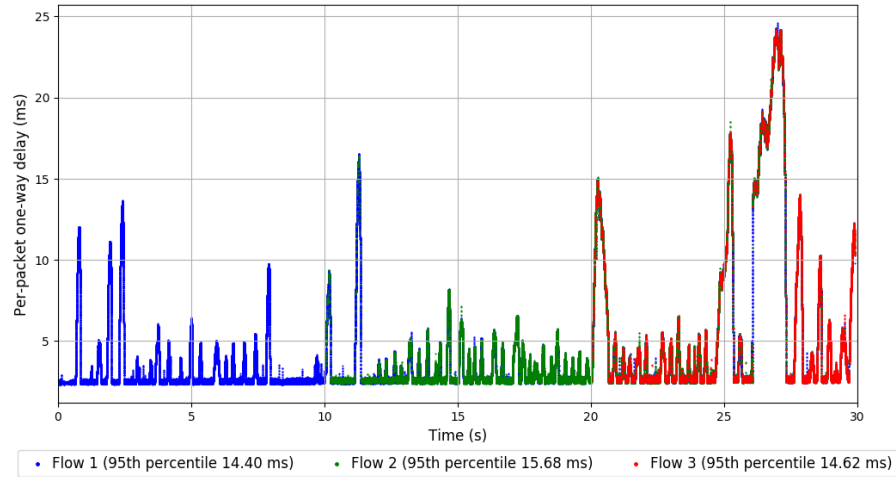
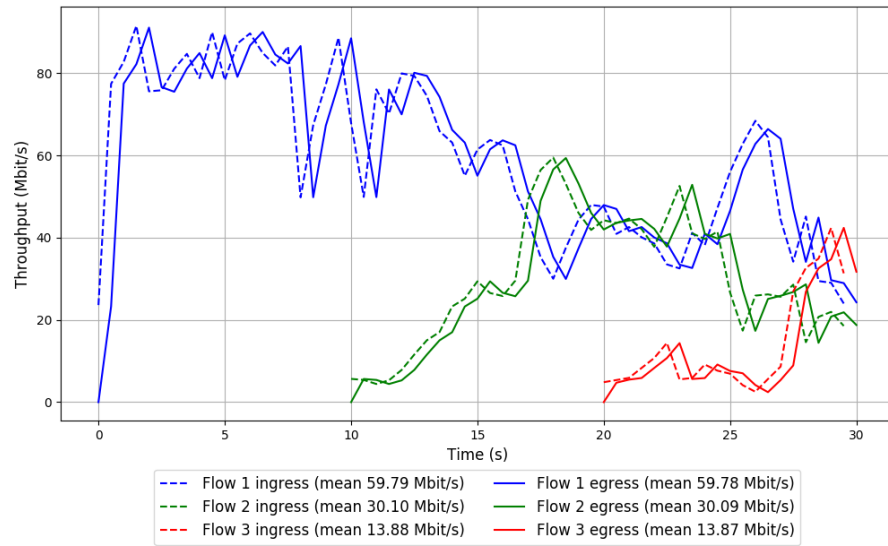
-- Flow 3:

Average throughput: 13.87 Mbit/s

95th percentile per-packet one-way delay: 14.615 ms

Loss rate: 0.00%

Run 4: Report of PCC-Expr — Data Link



Run 5: Statistics of PCC-Expr

Start at: 2018-08-09 10:07:59

End at: 2018-08-09 10:08:29

Local clock offset: -2.557 ms

Remote clock offset: -0.76 ms

Below is generated by plot.py at 2018-08-09 12:11:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.02 Mbit/s

95th percentile per-packet one-way delay: 32.539 ms

Loss rate: 1.70%

-- Flow 1:

Average throughput: 50.09 Mbit/s

95th percentile per-packet one-way delay: 32.742 ms

Loss rate: 2.92%

-- Flow 2:

Average throughput: 42.07 Mbit/s

95th percentile per-packet one-way delay: 8.288 ms

Loss rate: 0.00%

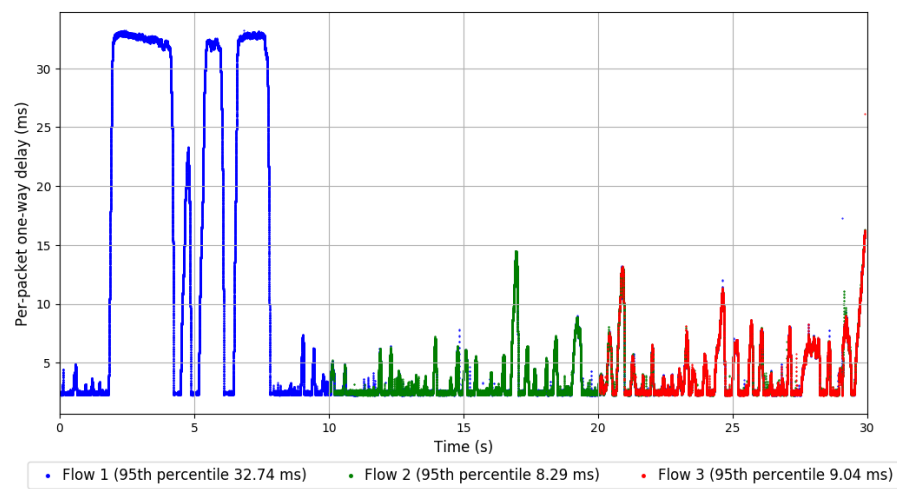
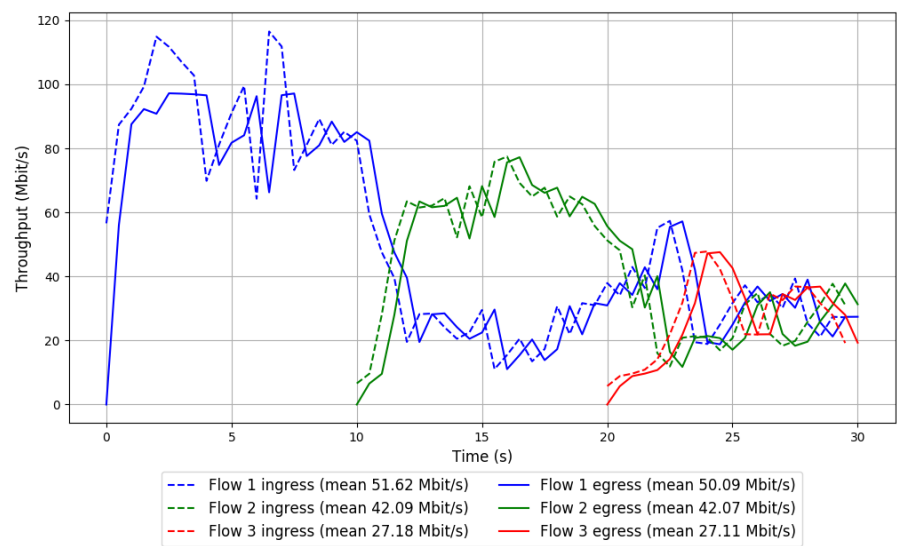
-- Flow 3:

Average throughput: 27.11 Mbit/s

95th percentile per-packet one-way delay: 9.044 ms

Loss rate: 0.00%

Run 5: Report of PCC-Expr — Data Link



Run 6: Statistics of PCC-Expr

Start at: 2018-08-09 10:27:10

End at: 2018-08-09 10:27:40

Local clock offset: -2.756 ms

Remote clock offset: 2.368 ms

Below is generated by plot.py at 2018-08-09 12:11:42

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.01 Mbit/s

95th percentile per-packet one-way delay: 16.148 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 47.82 Mbit/s

95th percentile per-packet one-way delay: 24.708 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 39.78 Mbit/s

95th percentile per-packet one-way delay: 8.743 ms

Loss rate: 0.00%

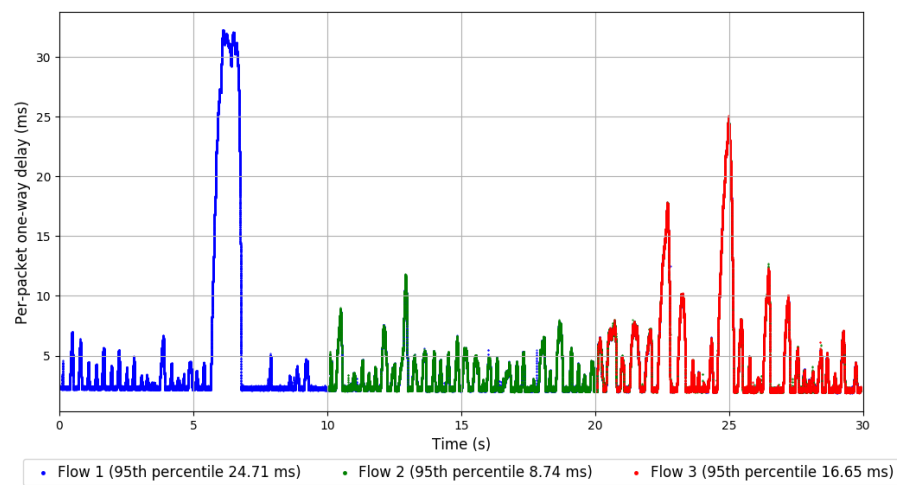
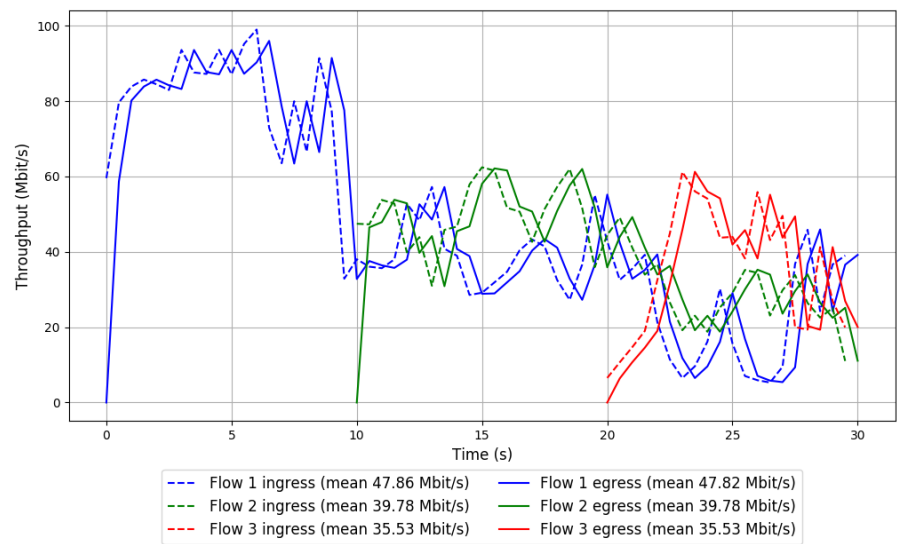
-- Flow 3:

Average throughput: 35.53 Mbit/s

95th percentile per-packet one-way delay: 16.646 ms

Loss rate: 0.00%

Run 6: Report of PCC-Expr — Data Link



Run 7: Statistics of PCC-Expr

Start at: 2018-08-09 10:46:21

End at: 2018-08-09 10:46:51

Local clock offset: -3.214 ms

Remote clock offset: 7.748 ms

Below is generated by plot.py at 2018-08-09 12:12:17

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.54 Mbit/s

95th percentile per-packet one-way delay: 27.002 ms

Loss rate: 0.62%

-- Flow 1:

Average throughput: 47.39 Mbit/s

95th percentile per-packet one-way delay: 32.110 ms

Loss rate: 1.12%

-- Flow 2:

Average throughput: 39.10 Mbit/s

95th percentile per-packet one-way delay: 16.806 ms

Loss rate: 0.00%

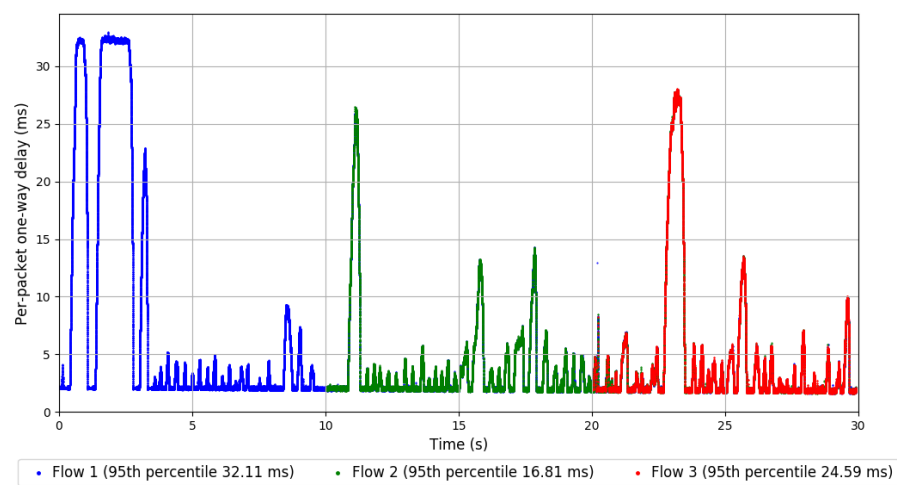
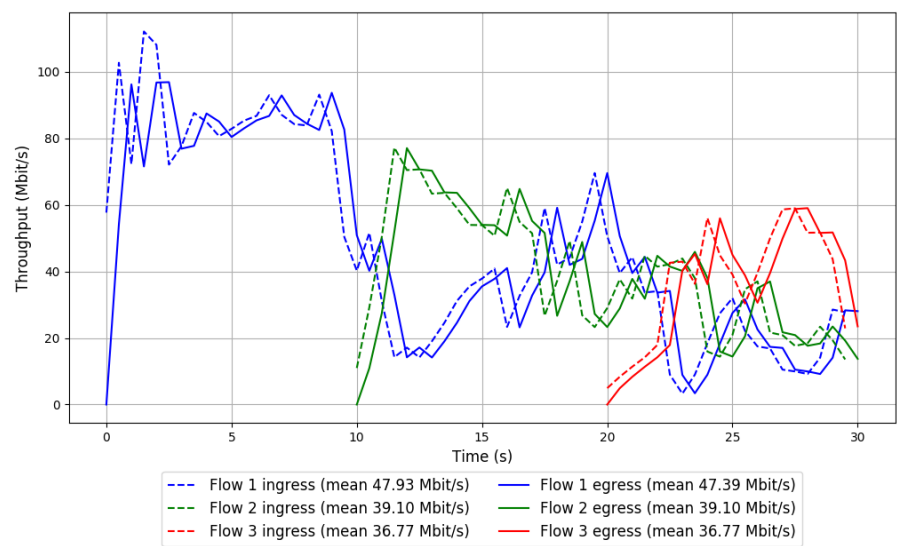
-- Flow 3:

Average throughput: 36.77 Mbit/s

95th percentile per-packet one-way delay: 24.588 ms

Loss rate: 0.00%

Run 7: Report of PCC-Expr — Data Link

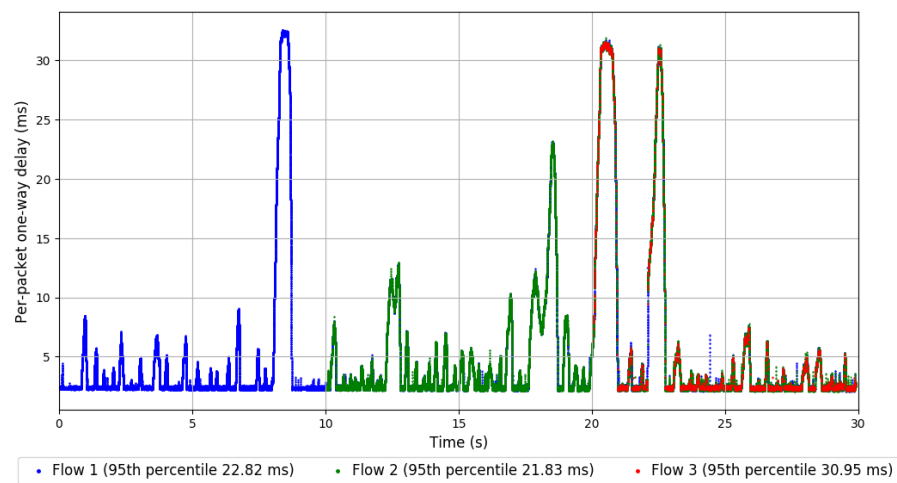
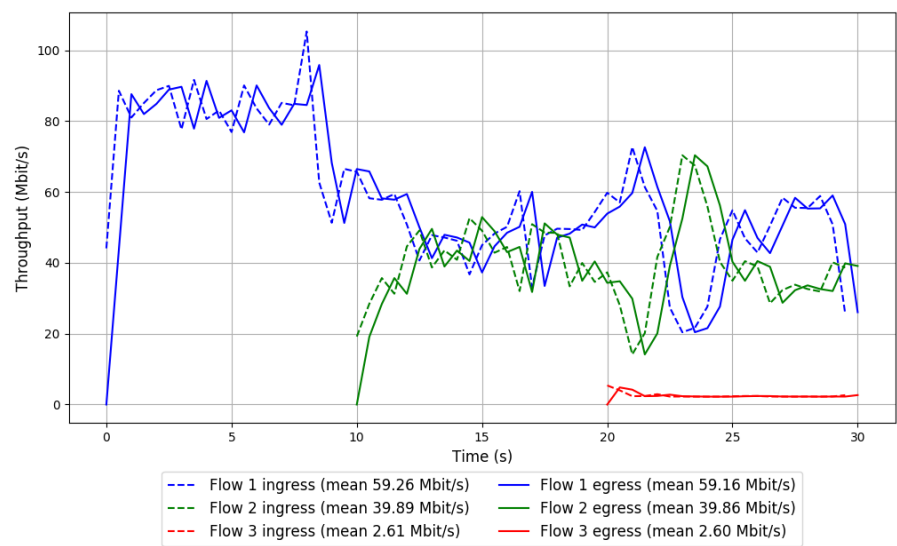


Run 8: Statistics of PCC-Expr

Start at: 2018-08-09 11:05:33
End at: 2018-08-09 11:06:03
Local clock offset: -8.366 ms
Remote clock offset: 10.616 ms

Below is generated by plot.py at 2018-08-09 12:12:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.53 Mbit/s
95th percentile per-packet one-way delay: 22.677 ms
Loss rate: 0.14%
-- Flow 1:
Average throughput: 59.16 Mbit/s
95th percentile per-packet one-way delay: 22.815 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 39.86 Mbit/s
95th percentile per-packet one-way delay: 21.828 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 2.60 Mbit/s
95th percentile per-packet one-way delay: 30.952 ms
Loss rate: 0.68%

Run 8: Report of PCC-Expr — Data Link



Run 9: Statistics of PCC-Expr

Start at: 2018-08-09 11:24:46

End at: 2018-08-09 11:25:16

Local clock offset: -4.863 ms

Remote clock offset: 13.08 ms

Below is generated by plot.py at 2018-08-09 12:13:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 82.55 Mbit/s

95th percentile per-packet one-way delay: 24.160 ms

Loss rate: 0.42%

-- Flow 1:

Average throughput: 49.33 Mbit/s

95th percentile per-packet one-way delay: 31.052 ms

Loss rate: 0.69%

-- Flow 2:

Average throughput: 37.12 Mbit/s

95th percentile per-packet one-way delay: 16.646 ms

Loss rate: 0.04%

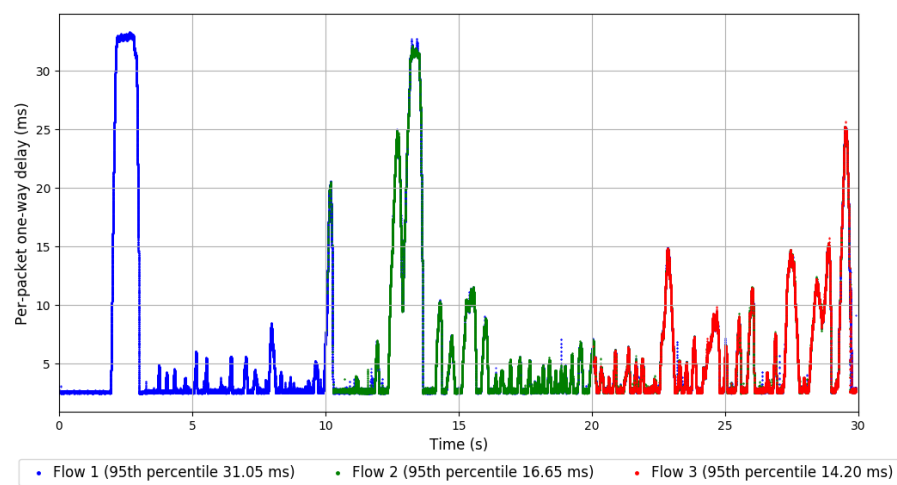
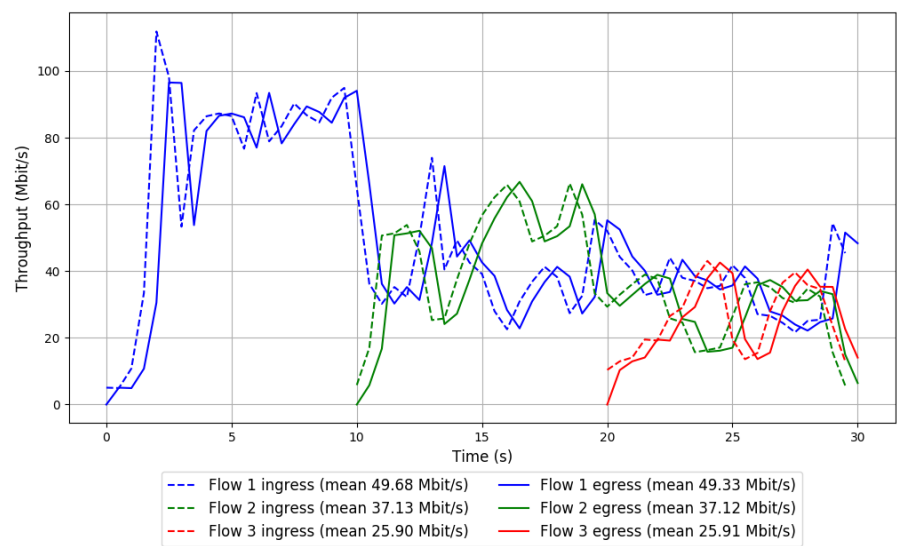
-- Flow 3:

Average throughput: 25.91 Mbit/s

95th percentile per-packet one-way delay: 14.202 ms

Loss rate: 0.00%

Run 9: Report of PCC-Expr — Data Link

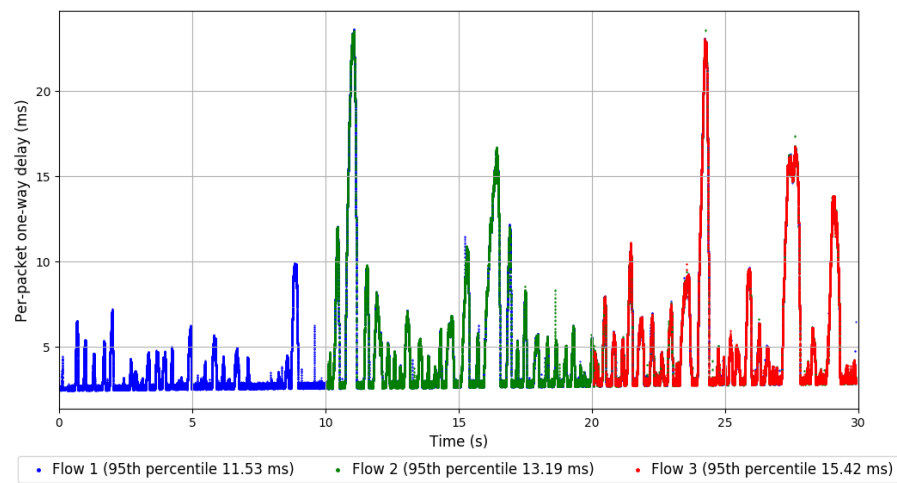
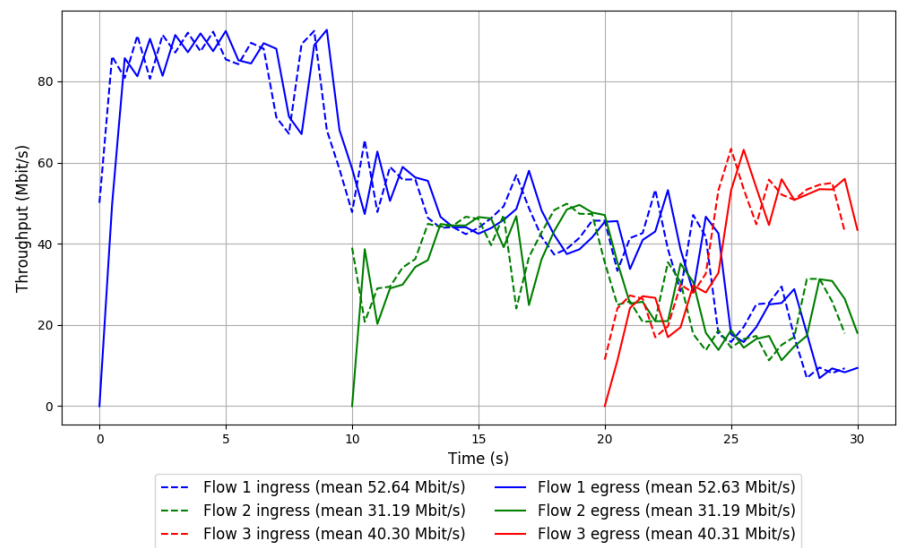


Run 10: Statistics of PCC-Expr

Start at: 2018-08-09 11:43:58
End at: 2018-08-09 11:44:28
Local clock offset: -2.209 ms
Remote clock offset: -4.931 ms

Below is generated by plot.py at 2018-08-09 12:13:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.68 Mbit/s
95th percentile per-packet one-way delay: 13.331 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.63 Mbit/s
95th percentile per-packet one-way delay: 11.528 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.19 Mbit/s
95th percentile per-packet one-way delay: 13.186 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 40.31 Mbit/s
95th percentile per-packet one-way delay: 15.423 ms
Loss rate: 0.00%

Run 10: Report of PCC-Expr — Data Link

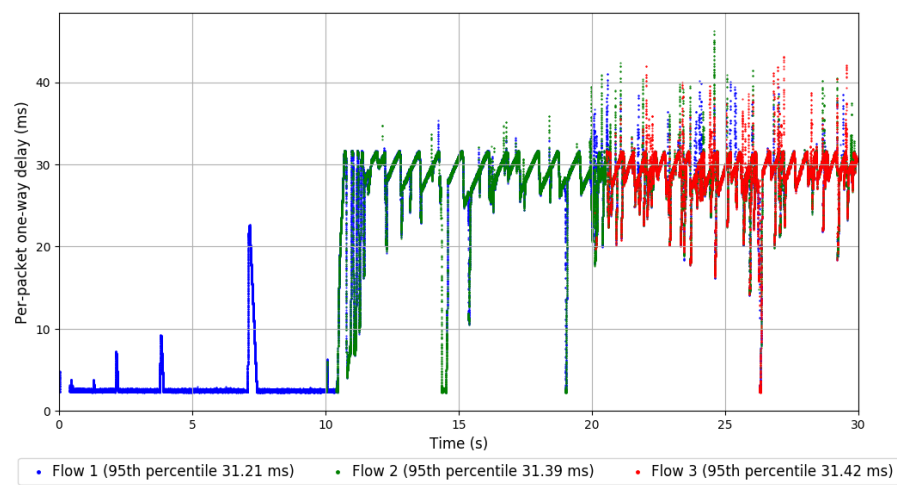
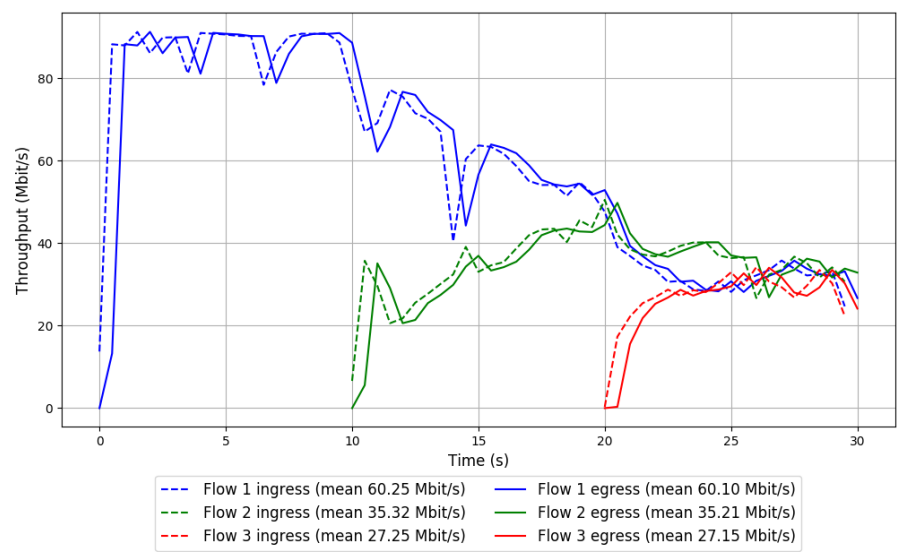


Run 1: Statistics of QUIC Cubic

Start at: 2018-08-09 08:42:12
End at: 2018-08-09 08:42:42
Local clock offset: -1.345 ms
Remote clock offset: -8.155 ms

Below is generated by plot.py at 2018-08-09 12:13:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.44 Mbit/s
95th percentile per-packet one-way delay: 31.290 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 60.10 Mbit/s
95th percentile per-packet one-way delay: 31.212 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 35.21 Mbit/s
95th percentile per-packet one-way delay: 31.387 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 27.15 Mbit/s
95th percentile per-packet one-way delay: 31.423 ms
Loss rate: 0.29%

Run 1: Report of QUIC Cubic — Data Link

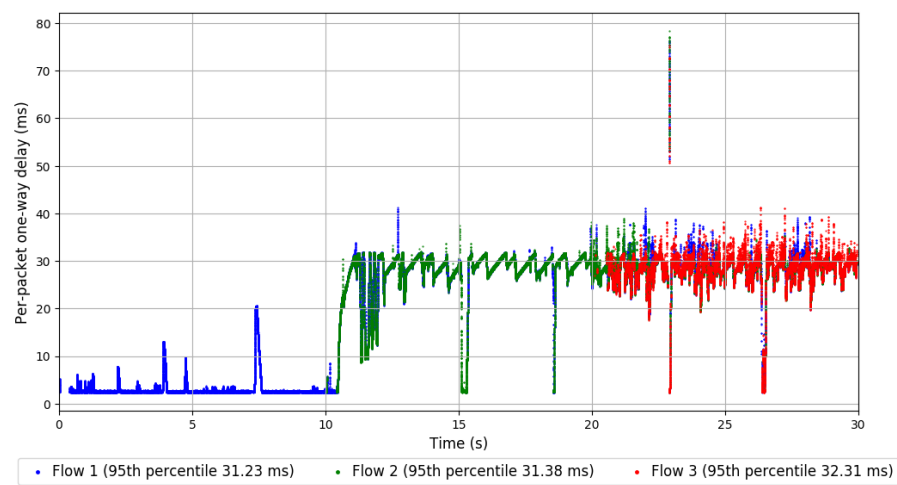
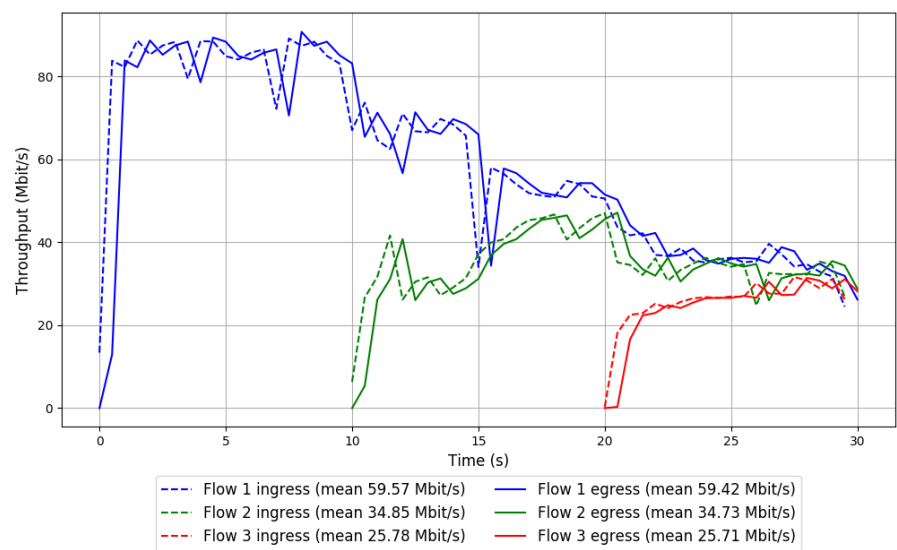


Run 2: Statistics of QUIC Cubic

Start at: 2018-08-09 09:01:24
End at: 2018-08-09 09:01:54
Local clock offset: -2.742 ms
Remote clock offset: -7.087 ms

Below is generated by plot.py at 2018-08-09 12:13:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.96 Mbit/s
95th percentile per-packet one-way delay: 31.339 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 59.42 Mbit/s
95th percentile per-packet one-way delay: 31.229 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 34.73 Mbit/s
95th percentile per-packet one-way delay: 31.383 ms
Loss rate: 0.20%
-- Flow 3:
Average throughput: 25.71 Mbit/s
95th percentile per-packet one-way delay: 32.312 ms
Loss rate: 0.20%

Run 2: Report of QUIC Cubic — Data Link

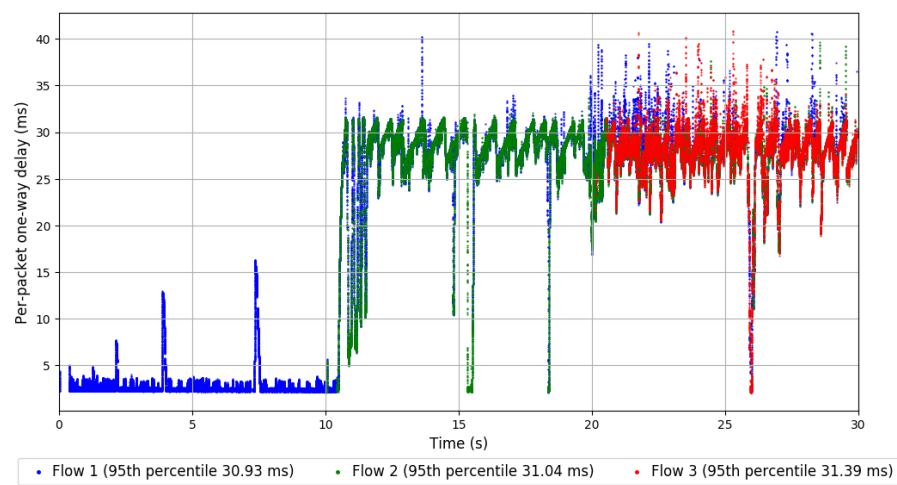
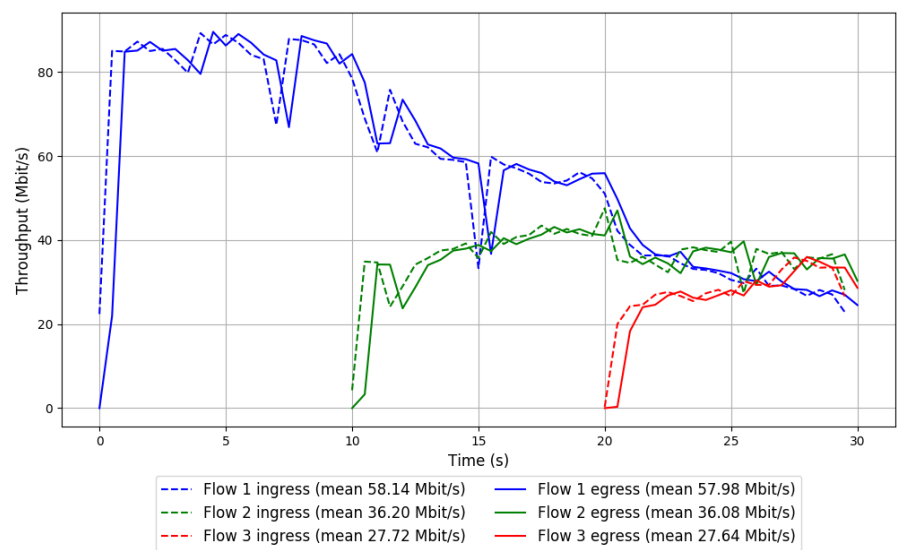


Run 3: Statistics of QUIC Cubic

Start at: 2018-08-09 09:20:36
End at: 2018-08-09 09:21:06
Local clock offset: -3.164 ms
Remote clock offset: -4.379 ms

Below is generated by plot.py at 2018-08-09 12:13:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.05 Mbit/s
95th percentile per-packet one-way delay: 31.016 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 57.98 Mbit/s
95th percentile per-packet one-way delay: 30.926 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 36.08 Mbit/s
95th percentile per-packet one-way delay: 31.040 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 27.64 Mbit/s
95th percentile per-packet one-way delay: 31.388 ms
Loss rate: 0.22%

Run 3: Report of QUIC Cubic — Data Link

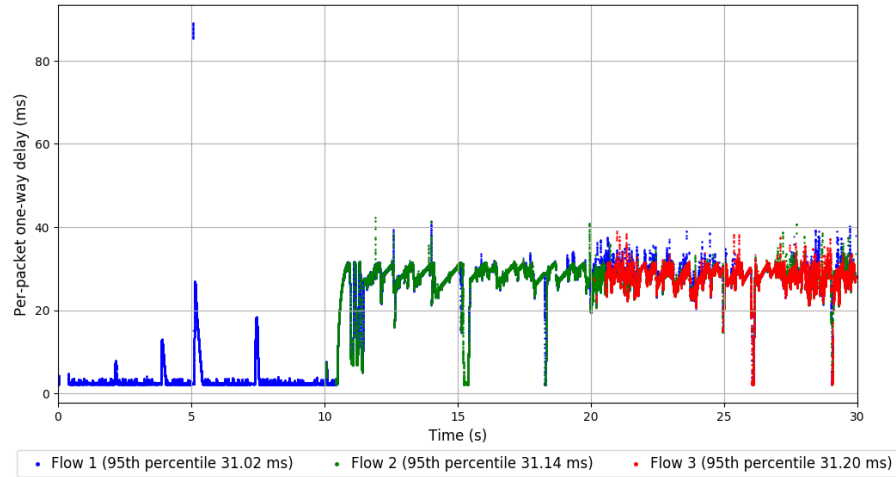
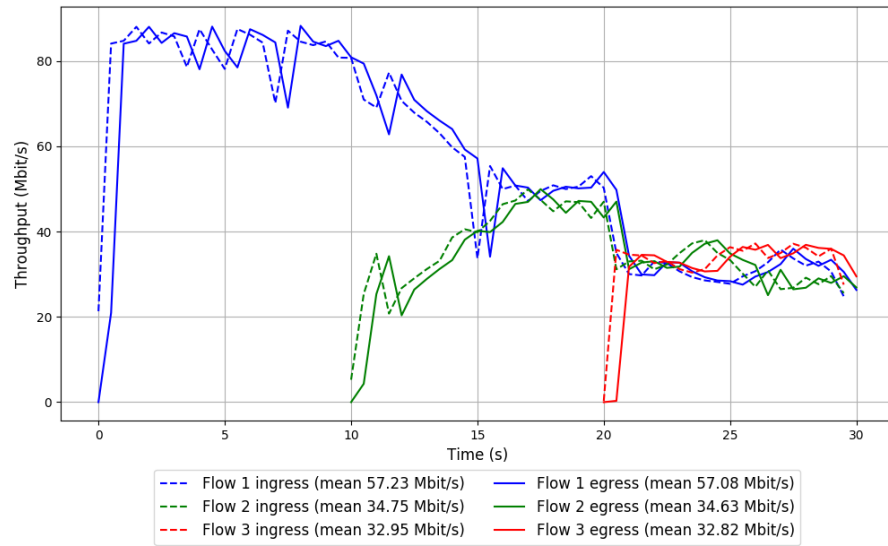


Run 4: Statistics of QUIC Cubic

Start at: 2018-08-09 09:39:48
End at: 2018-08-09 09:40:18
Local clock offset: -3.712 ms
Remote clock offset: -0.754 ms

Below is generated by plot.py at 2018-08-09 12:13:15
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.86 Mbit/s
95th percentile per-packet one-way delay: 31.086 ms
Loss rate: 0.19%
-- Flow 1:
Average throughput: 57.08 Mbit/s
95th percentile per-packet one-way delay: 31.022 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 34.63 Mbit/s
95th percentile per-packet one-way delay: 31.136 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 32.82 Mbit/s
95th percentile per-packet one-way delay: 31.205 ms
Loss rate: 0.39%

Run 4: Report of QUIC Cubic — Data Link

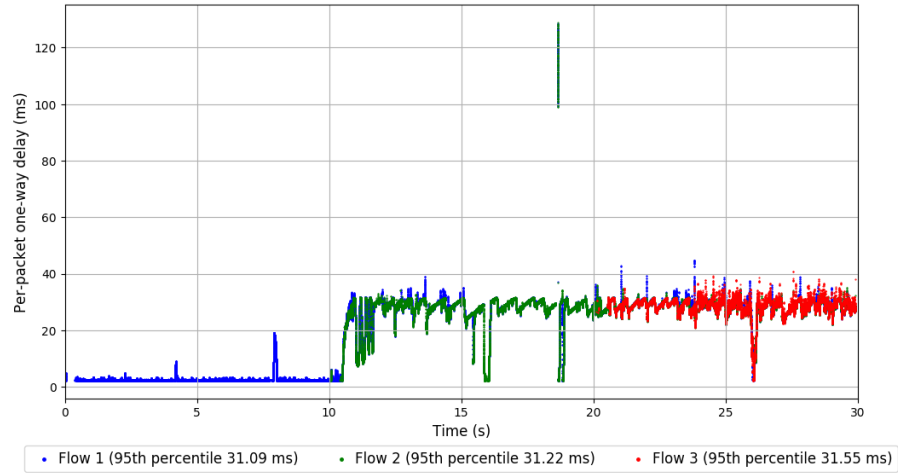
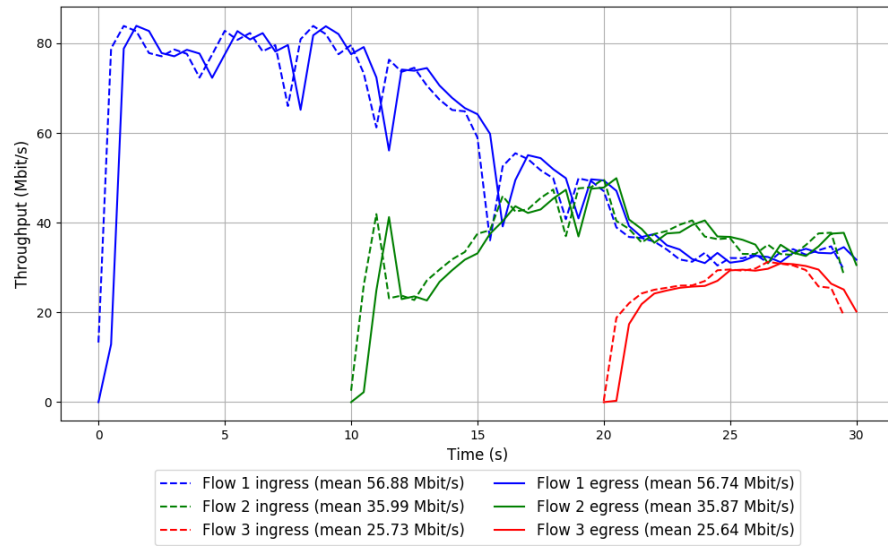


Run 5: Statistics of QUIC Cubic

Start at: 2018-08-09 09:59:00
End at: 2018-08-09 09:59:30
Local clock offset: -2.718 ms
Remote clock offset: -0.786 ms

Below is generated by plot.py at 2018-08-09 12:13:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.00 Mbit/s
95th percentile per-packet one-way delay: 31.183 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 56.74 Mbit/s
95th percentile per-packet one-way delay: 31.089 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 35.87 Mbit/s
95th percentile per-packet one-way delay: 31.218 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 25.64 Mbit/s
95th percentile per-packet one-way delay: 31.555 ms
Loss rate: 0.31%

Run 5: Report of QUIC Cubic — Data Link

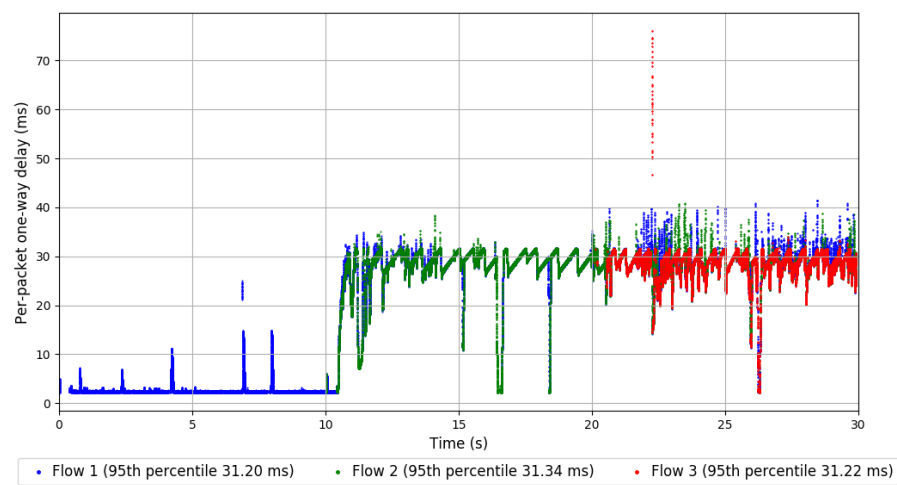
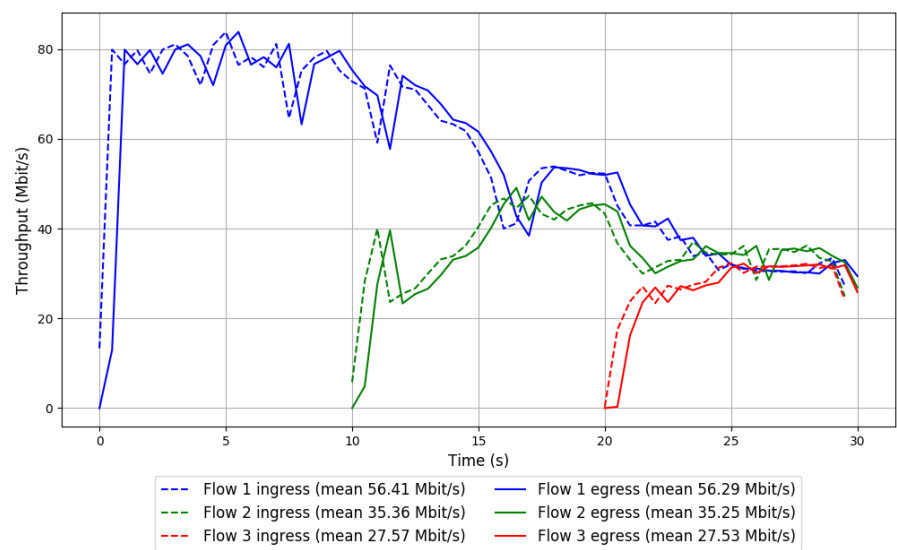


Run 6: Statistics of QUIC Cubic

Start at: 2018-08-09 10:18:12
End at: 2018-08-09 10:18:42
Local clock offset: -2.581 ms
Remote clock offset: -0.409 ms

Below is generated by plot.py at 2018-08-09 12:13:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.78 Mbit/s
95th percentile per-packet one-way delay: 31.249 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 56.29 Mbit/s
95th percentile per-packet one-way delay: 31.203 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 35.25 Mbit/s
95th percentile per-packet one-way delay: 31.343 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 27.53 Mbit/s
95th percentile per-packet one-way delay: 31.216 ms
Loss rate: 0.13%

Run 6: Report of QUIC Cubic — Data Link



Run 7: Statistics of QUIC Cubic

Start at: 2018-08-09 10:37:23

End at: 2018-08-09 10:37:53

Local clock offset: -2.819 ms

Remote clock offset: 6.012 ms

Below is generated by plot.py at 2018-08-09 12:13:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.11 Mbit/s

95th percentile per-packet one-way delay: 31.151 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 57.42 Mbit/s

95th percentile per-packet one-way delay: 31.057 ms

Loss rate: 0.08%

-- Flow 2:

Average throughput: 32.62 Mbit/s

95th percentile per-packet one-way delay: 31.263 ms

Loss rate: 0.17%

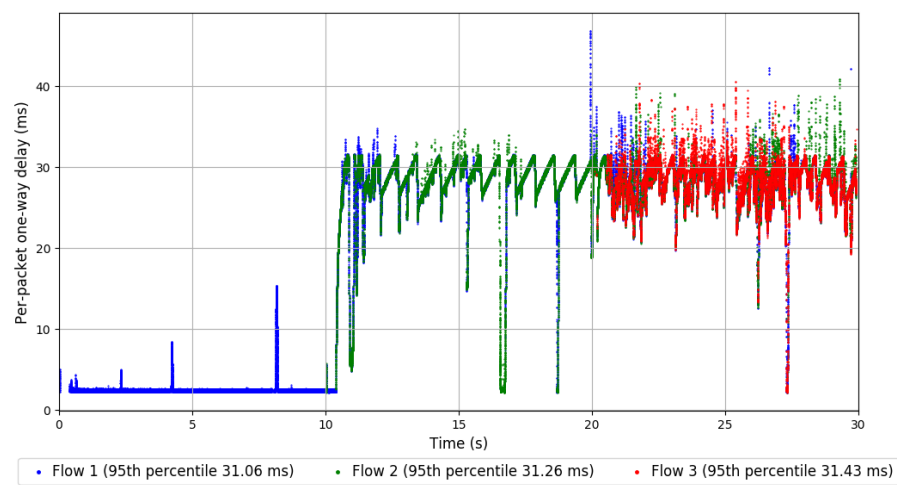
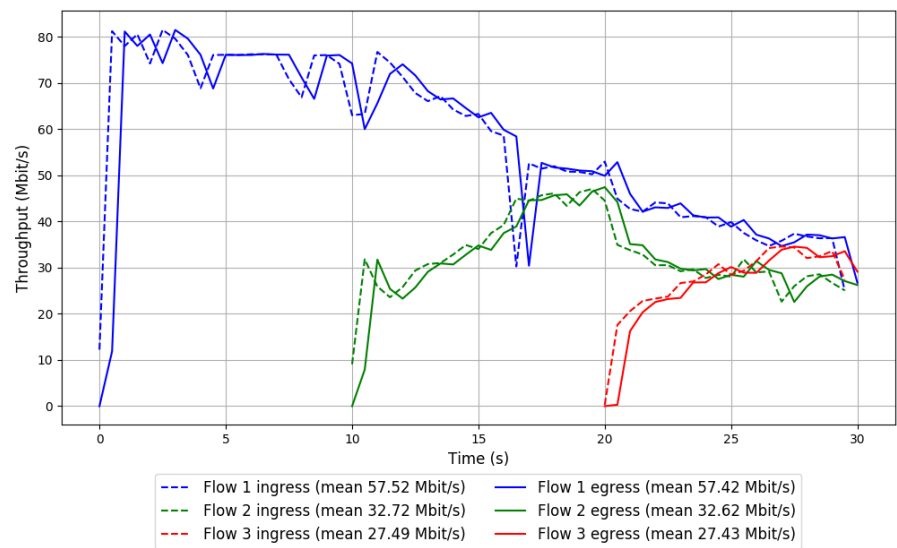
-- Flow 3:

Average throughput: 27.43 Mbit/s

95th percentile per-packet one-way delay: 31.432 ms

Loss rate: 0.19%

Run 7: Report of QUIC Cubic — Data Link



Run 8: Statistics of QUIC Cubic

Start at: 2018-08-09 10:56:34

End at: 2018-08-09 10:57:04

Local clock offset: -6.981 ms

Remote clock offset: 9.358 ms

Below is generated by plot.py at 2018-08-09 12:13:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.30 Mbit/s

95th percentile per-packet one-way delay: 31.020 ms

Loss rate: 0.18%

-- Flow 1:

Average throughput: 58.42 Mbit/s

95th percentile per-packet one-way delay: 30.891 ms

Loss rate: 0.14%

-- Flow 2:

Average throughput: 32.26 Mbit/s

95th percentile per-packet one-way delay: 31.123 ms

Loss rate: 0.20%

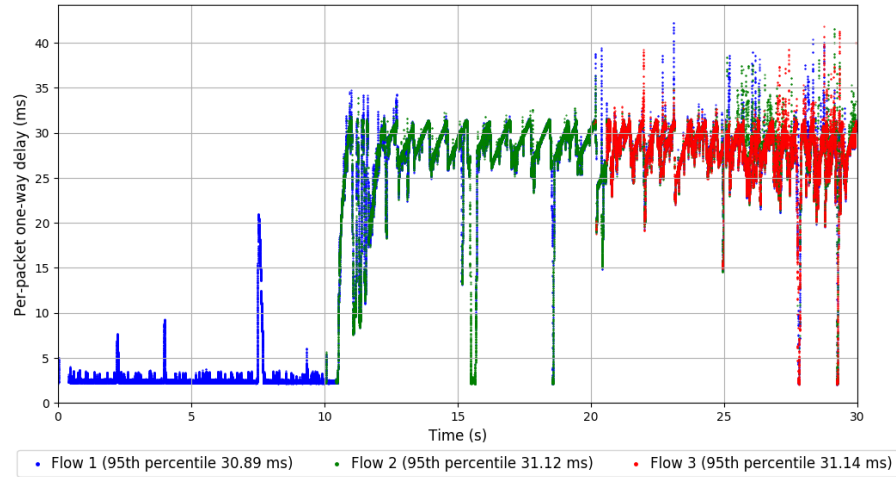
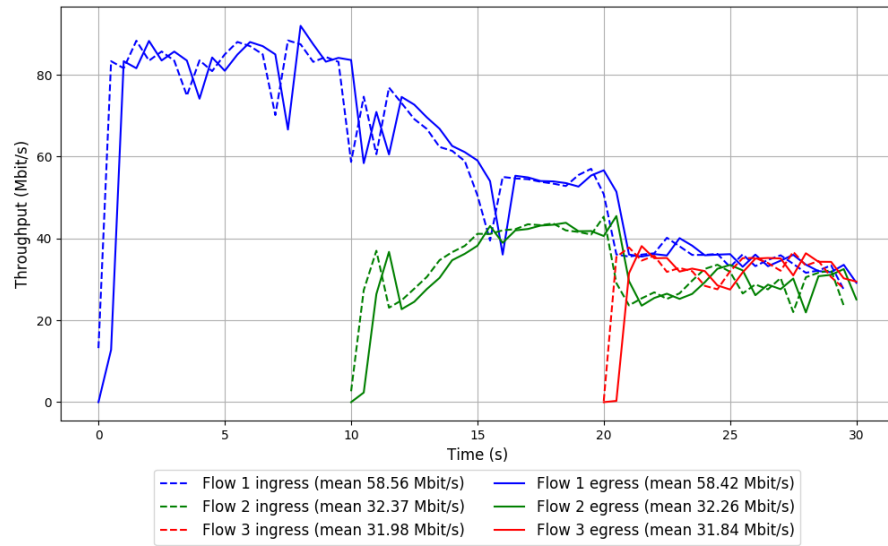
-- Flow 3:

Average throughput: 31.84 Mbit/s

95th percentile per-packet one-way delay: 31.145 ms

Loss rate: 0.36%

Run 8: Report of QUIC Cubic — Data Link

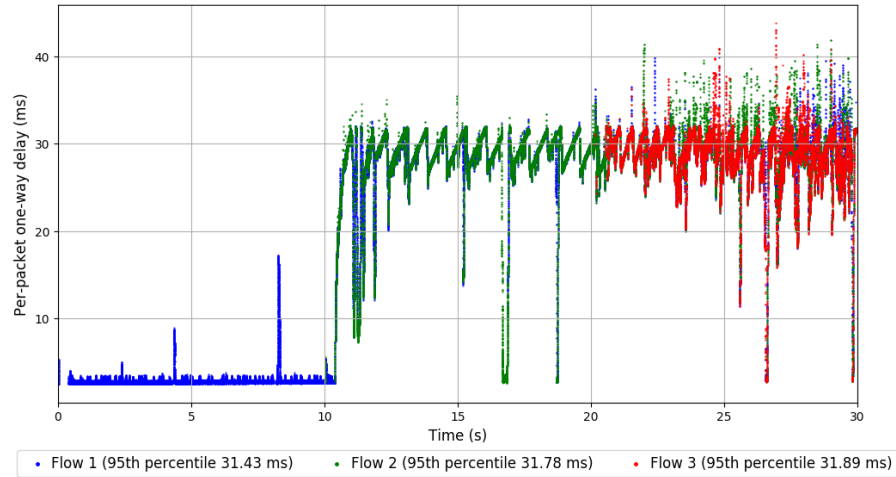
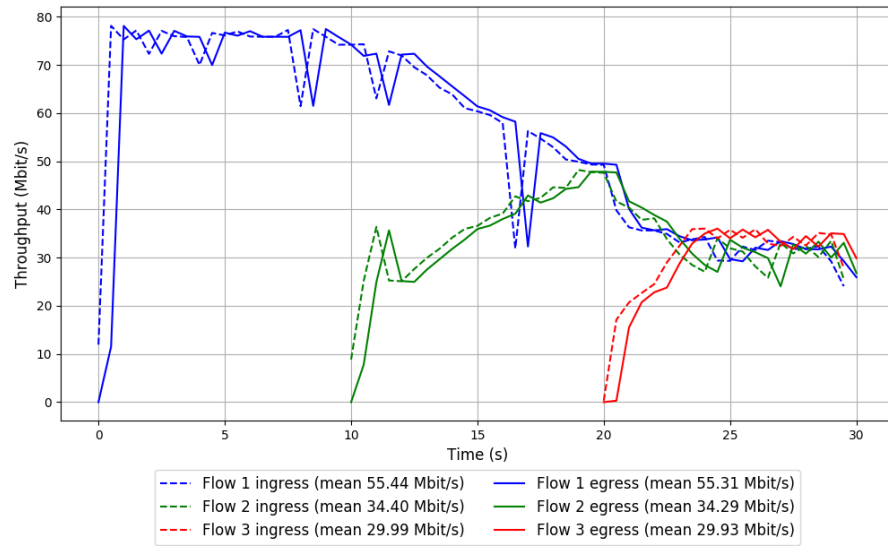


Run 9: Statistics of QUIC Cubic

Start at: 2018-08-09 11:15:47
End at: 2018-08-09 11:16:17
Local clock offset: -9.259 ms
Remote clock offset: 11.909 ms

Below is generated by plot.py at 2018-08-09 12:14:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.93 Mbit/s
95th percentile per-packet one-way delay: 31.605 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 55.31 Mbit/s
95th percentile per-packet one-way delay: 31.425 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 34.29 Mbit/s
95th percentile per-packet one-way delay: 31.779 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 29.93 Mbit/s
95th percentile per-packet one-way delay: 31.886 ms
Loss rate: 0.19%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-08-09 11:34:59

End at: 2018-08-09 11:35:29

Local clock offset: -2.891 ms

Remote clock offset: 5.877 ms

Below is generated by plot.py at 2018-08-09 12:14:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.88 Mbit/s

95th percentile per-packet one-way delay: 32.025 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 59.42 Mbit/s

95th percentile per-packet one-way delay: 31.849 ms

Loss rate: 0.15%

-- Flow 2:

Average throughput: 32.78 Mbit/s

95th percentile per-packet one-way delay: 32.100 ms

Loss rate: 0.19%

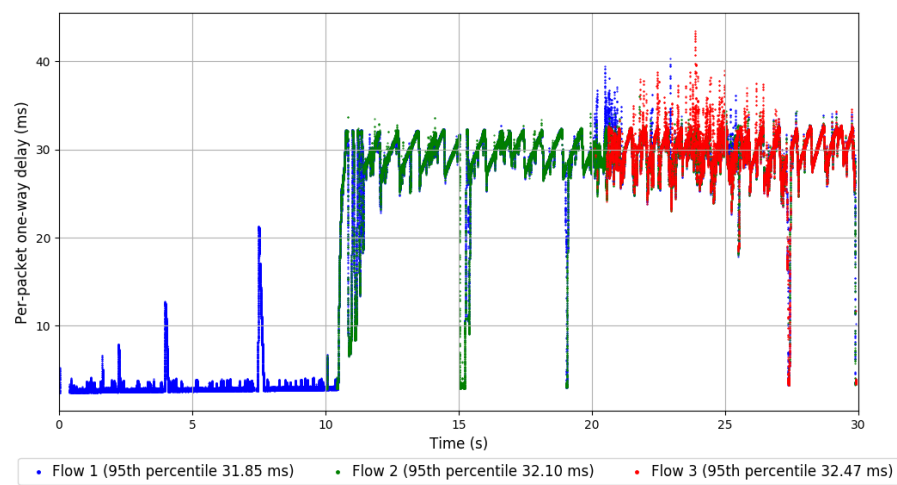
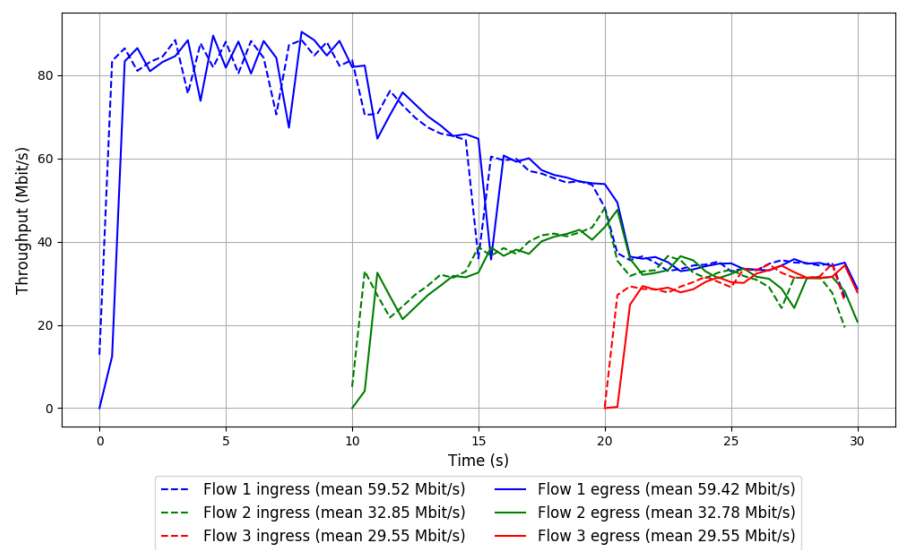
-- Flow 3:

Average throughput: 29.55 Mbit/s

95th percentile per-packet one-way delay: 32.470 ms

Loss rate: 0.20%

Run 10: Report of QUIC Cubic — Data Link

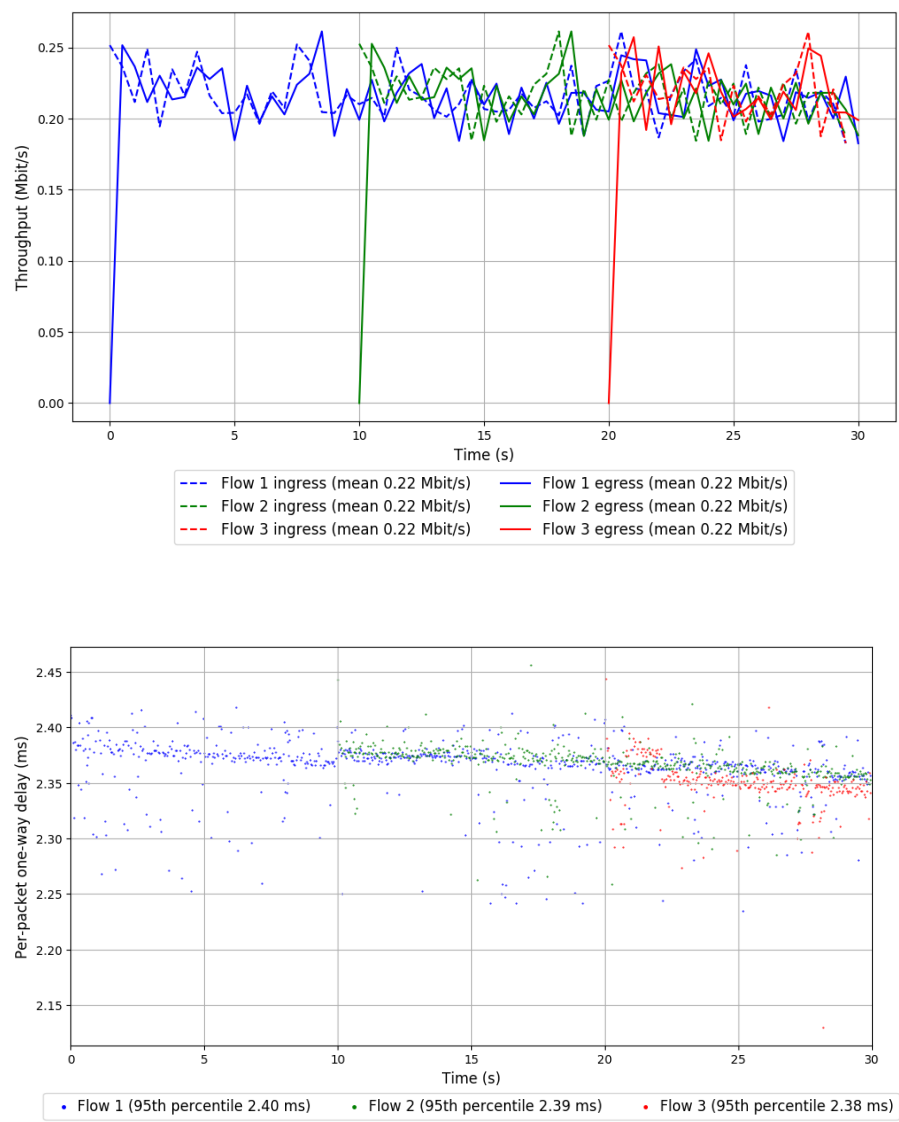


```
Run 1: Statistics of SReAM

Start at: 2018-08-09 08:43:20
End at: 2018-08-09 08:43:50
Local clock offset: -1.258 ms
Remote clock offset: -8.02 ms

# Below is generated by plot.py at 2018-08-09 12:14:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.392 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.397 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.387 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.381 ms
Loss rate: 0.00%
```


Run 1: Report of SReAM — Data Link

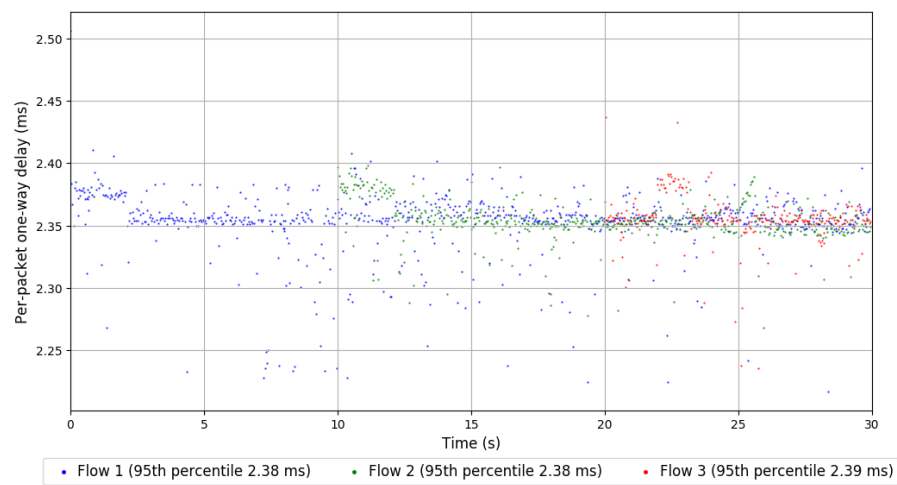
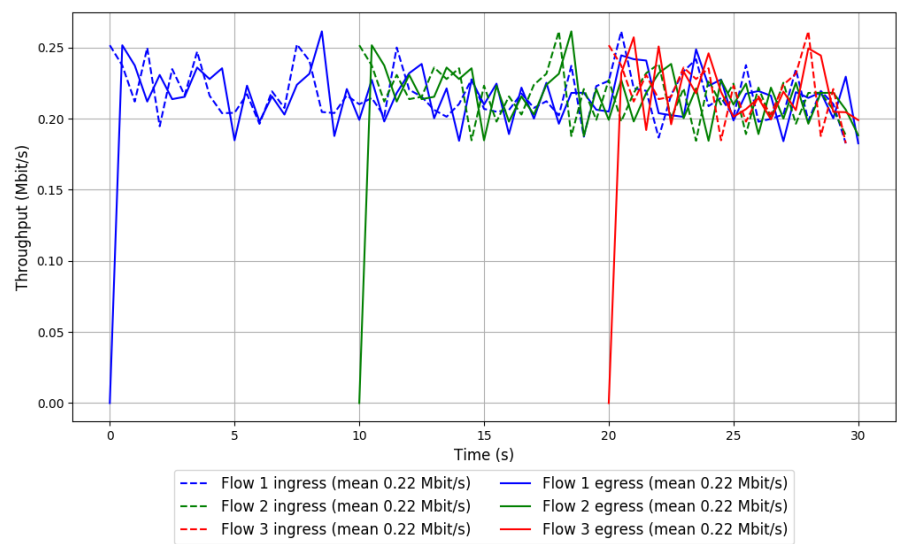


Run 2: Statistics of SReAM

Start at: 2018-08-09 09:02:32
End at: 2018-08-09 09:03:02
Local clock offset: -2.574 ms
Remote clock offset: -7.078 ms

Below is generated by plot.py at 2018-08-09 12:14:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.383 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.381 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.382 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.386 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

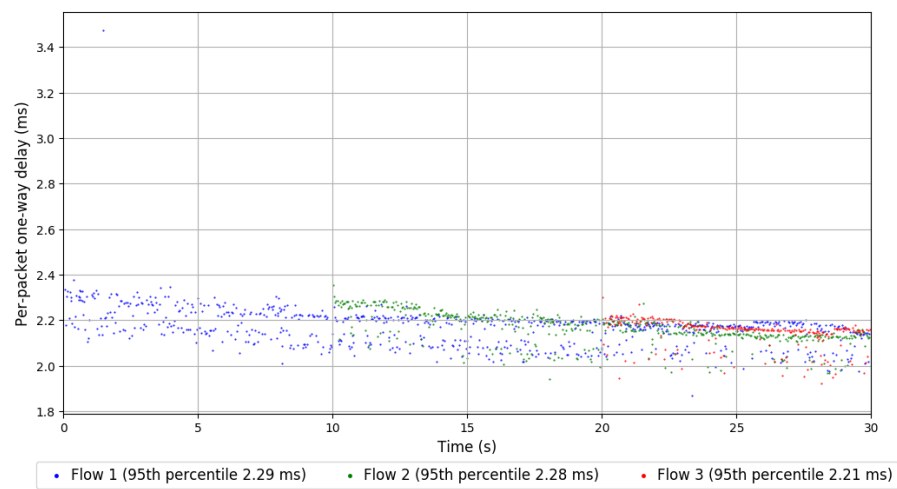
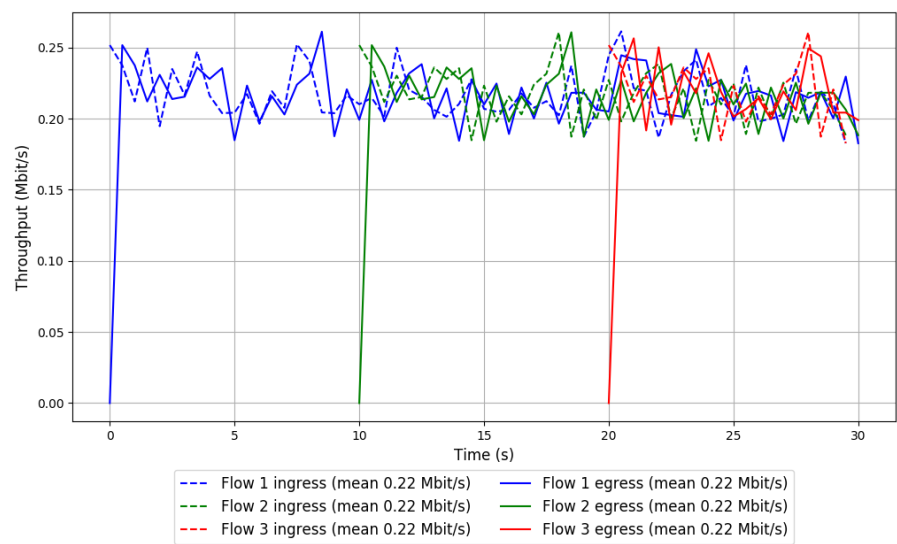


Run 3: Statistics of SReAM

Start at: 2018-08-09 09:21:43
End at: 2018-08-09 09:22:13
Local clock offset: -3.213 ms
Remote clock offset: -4.099 ms

Below is generated by plot.py at 2018-08-09 12:14:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.277 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.291 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.277 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.212 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

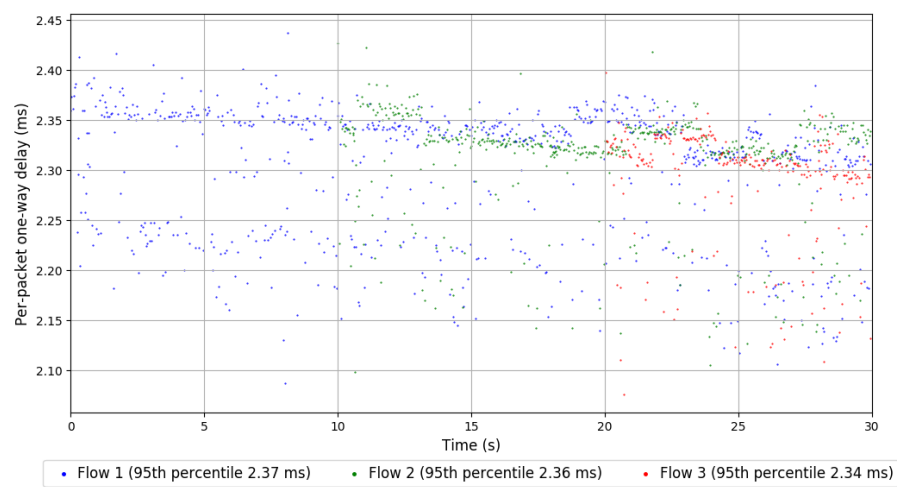
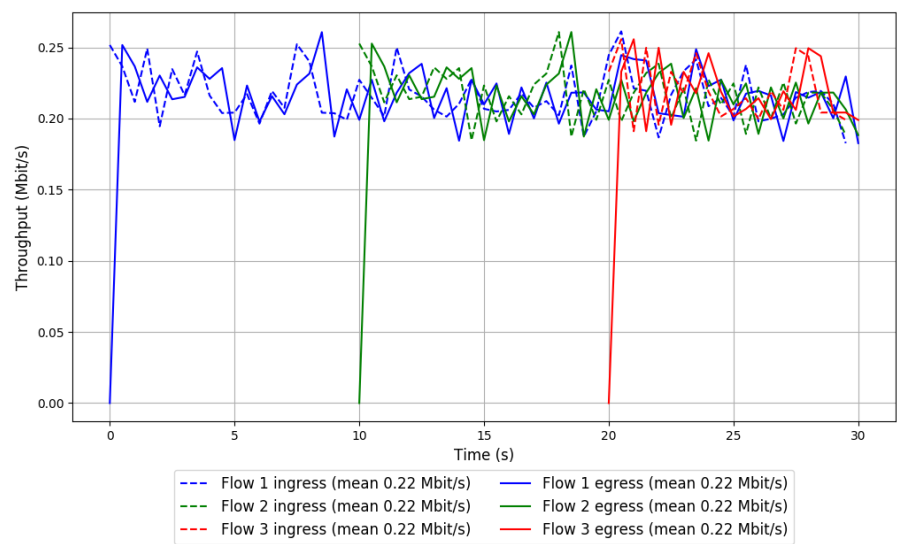


Run 4: Statistics of SReAM

Start at: 2018-08-09 09:40:55
End at: 2018-08-09 09:41:25
Local clock offset: -3.739 ms
Remote clock offset: -0.638 ms

Below is generated by plot.py at 2018-08-09 12:14:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.364 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.369 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.364 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.339 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

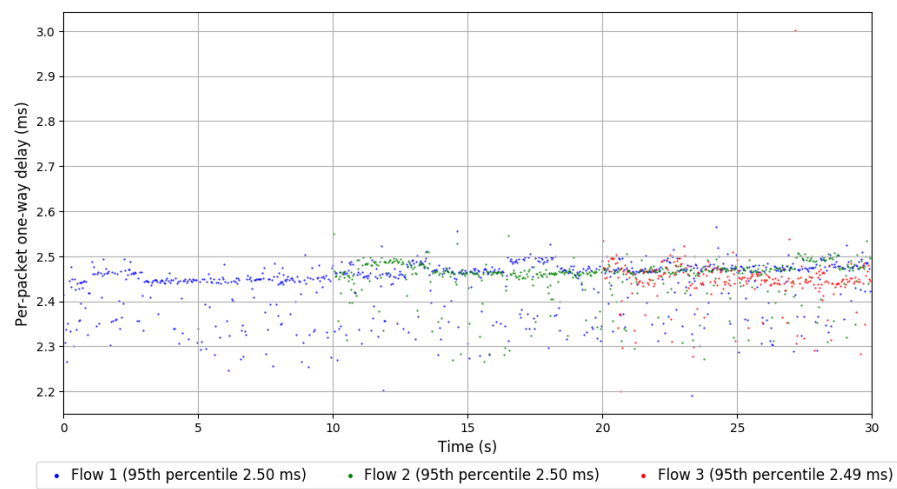
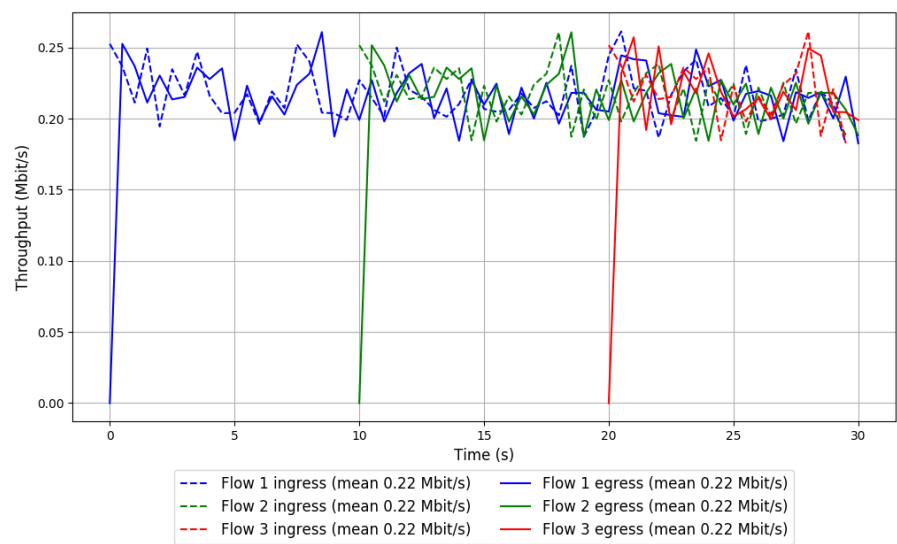


Run 5: Statistics of SReAM

Start at: 2018-08-09 10:00:07
End at: 2018-08-09 10:00:37
Local clock offset: -2.68 ms
Remote clock offset: -0.752 ms

Below is generated by plot.py at 2018-08-09 12:14:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.496 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.495 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.498 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.493 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

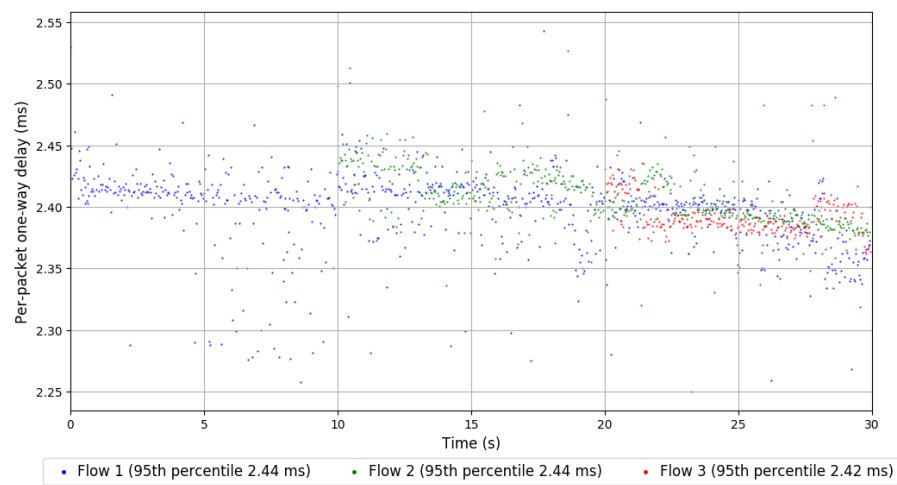
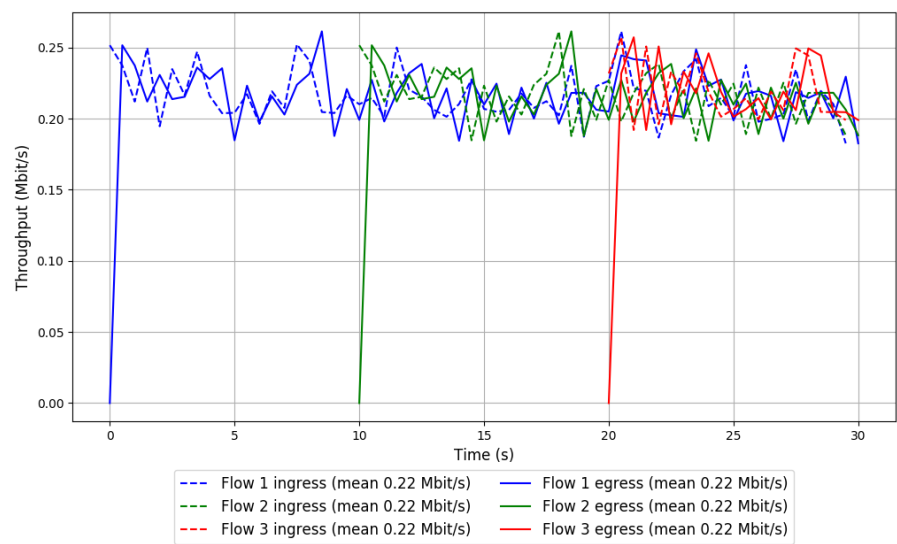


Run 6: Statistics of SReAM

Start at: 2018-08-09 10:19:19
End at: 2018-08-09 10:19:49
Local clock offset: -2.575 ms
Remote clock offset: -0.305 ms

Below is generated by plot.py at 2018-08-09 12:14:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.440 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.438 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.444 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.424 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

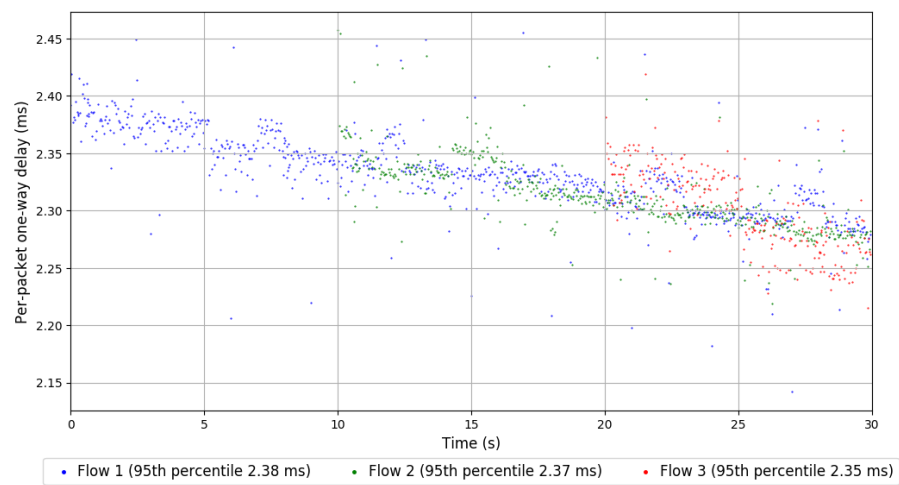
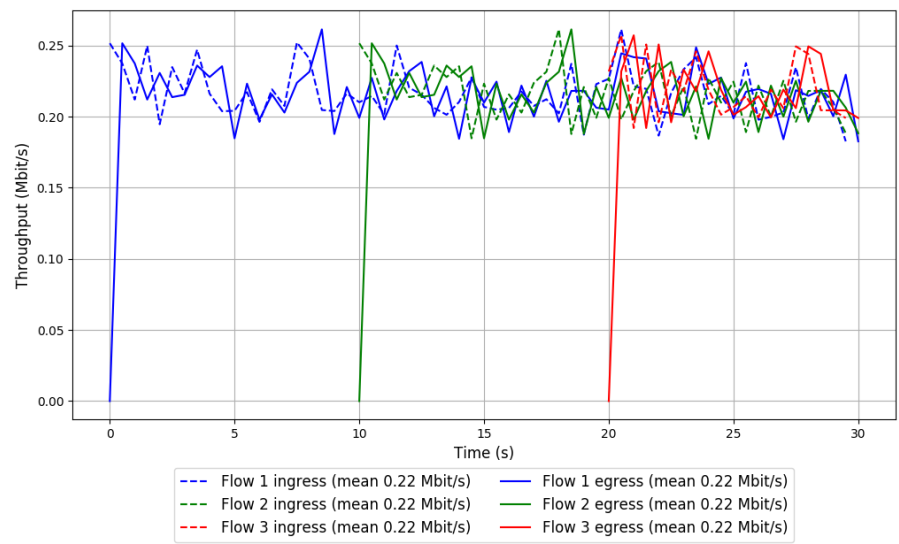


Run 7: Statistics of SReAM

Start at: 2018-08-09 10:38:30
End at: 2018-08-09 10:39:00
Local clock offset: -2.885 ms
Remote clock offset: 6.203 ms

```
# Below is generated by plot.py at 2018-08-09 12:14:18
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.379 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.385 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.365 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.353 ms
Loss rate: 0.00%
```

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SReAM

Start at: 2018-08-09 10:57:42

End at: 2018-08-09 10:58:12

Local clock offset: -7.194 ms

Remote clock offset: 9.565 ms

Below is generated by plot.py at 2018-08-09 12:14:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 2.390 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.404 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.372 ms

Loss rate: 0.00%

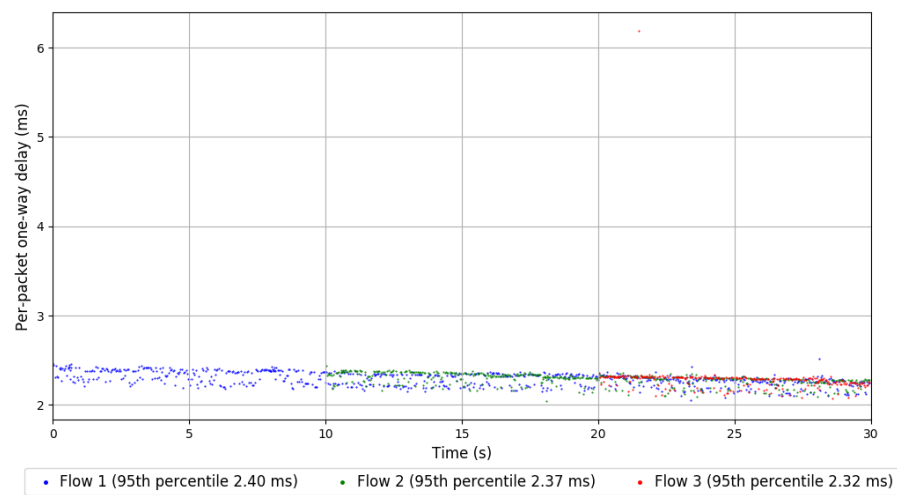
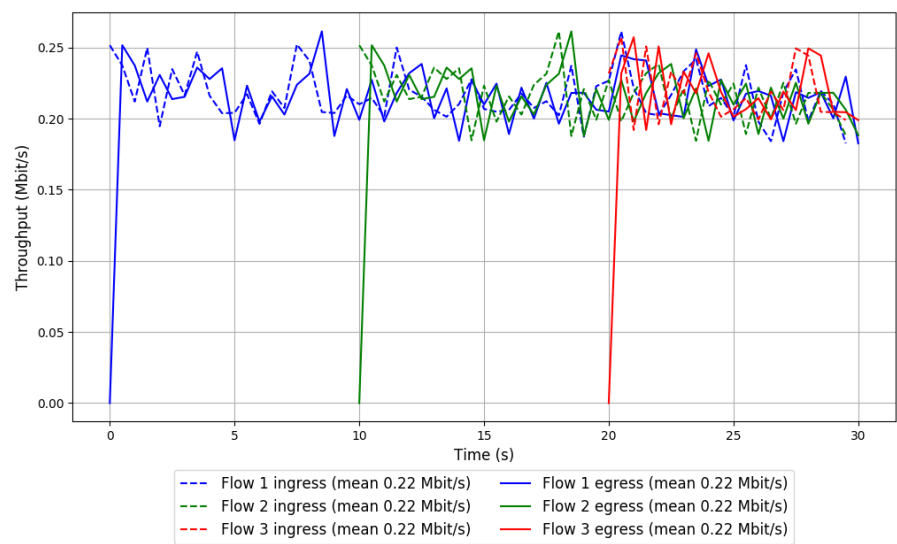
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.321 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

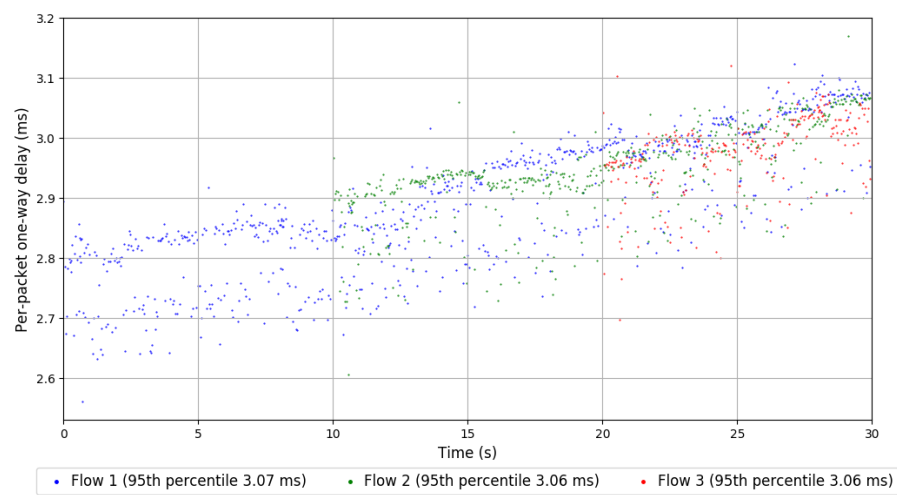
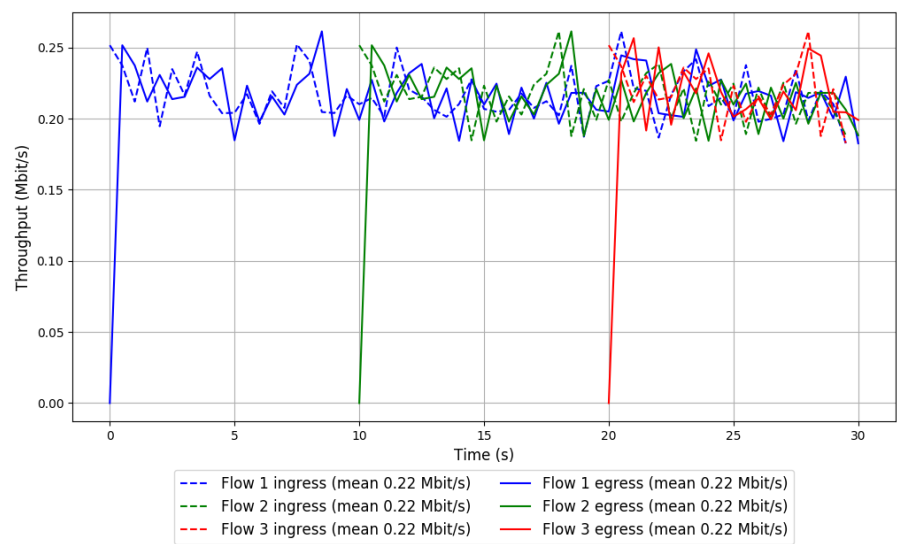


Run 9: Statistics of SReAM

Start at: 2018-08-09 11:16:54
End at: 2018-08-09 11:17:24
Local clock offset: -8.545 ms
Remote clock offset: 12.093 ms

Below is generated by plot.py at 2018-08-09 12:14:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 3.061 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.068 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.060 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 3.055 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link



Run 10: Statistics of SReAM

Start at: 2018-08-09 11:36:06

End at: 2018-08-09 11:36:36

Local clock offset: -2.765 ms

Remote clock offset: 3.955 ms

Below is generated by plot.py at 2018-08-09 12:14:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 3.381 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 3.365 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 3.384 ms

Loss rate: 0.00%

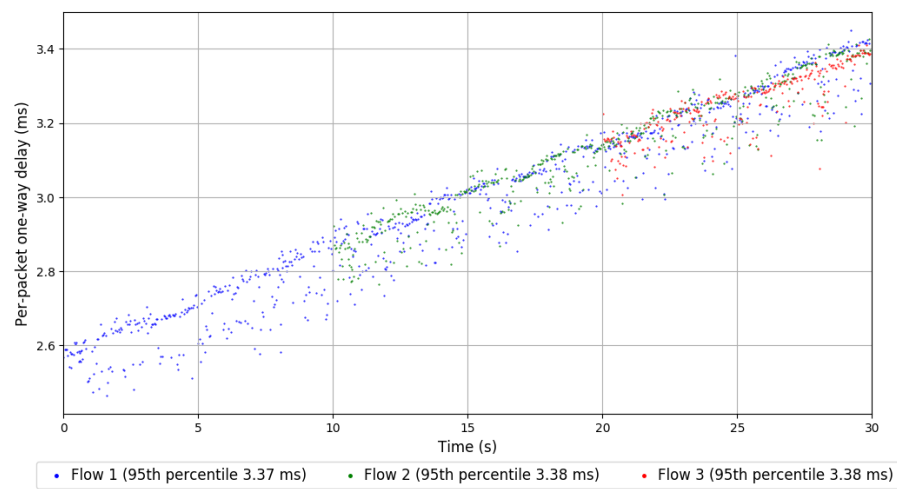
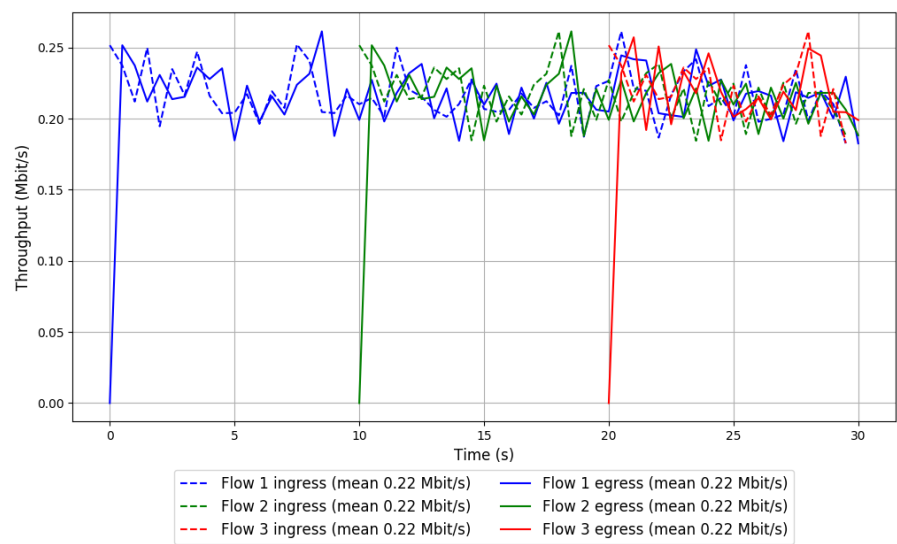
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 3.383 ms

Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link

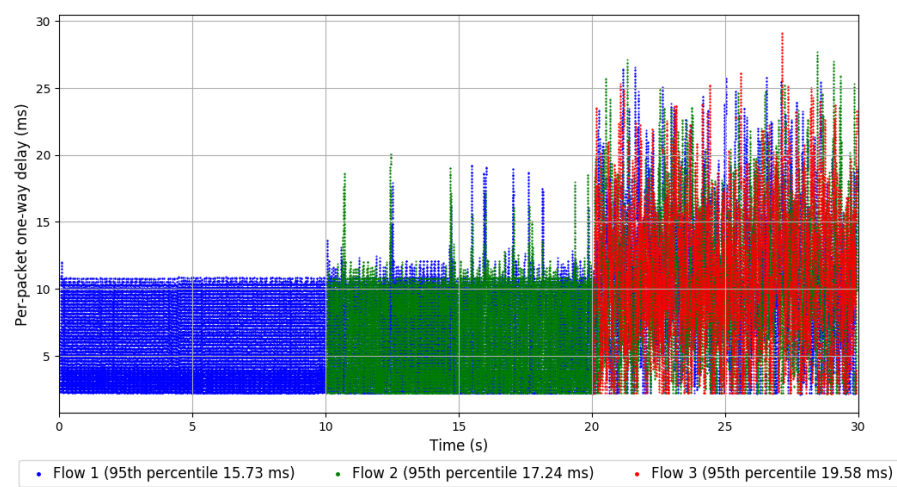
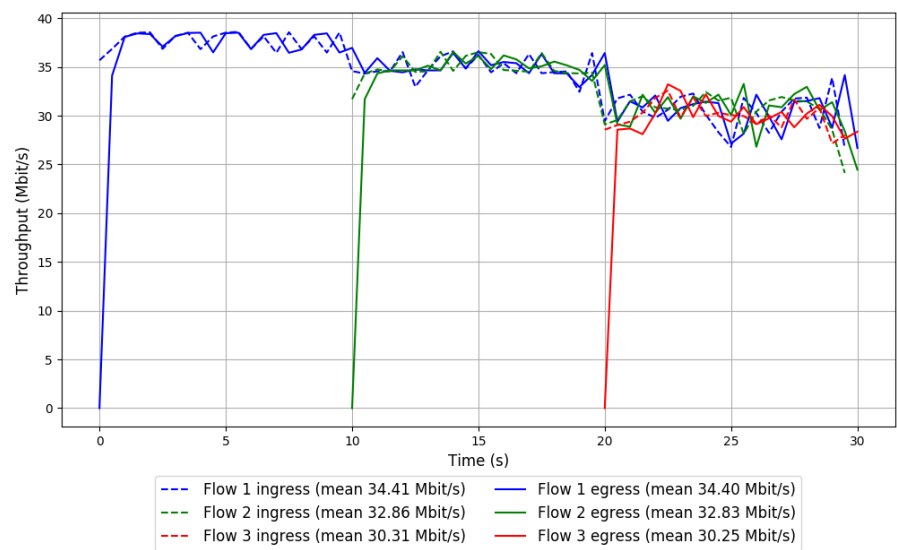


Run 1: Statistics of Sprout

Start at: 2018-08-09 08:41:05
End at: 2018-08-09 08:41:35
Local clock offset: -1.435 ms
Remote clock offset: -8.429 ms

Below is generated by plot.py at 2018-08-09 12:14:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.25 Mbit/s
95th percentile per-packet one-way delay: 17.262 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.40 Mbit/s
95th percentile per-packet one-way delay: 15.726 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.83 Mbit/s
95th percentile per-packet one-way delay: 17.240 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.25 Mbit/s
95th percentile per-packet one-way delay: 19.583 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

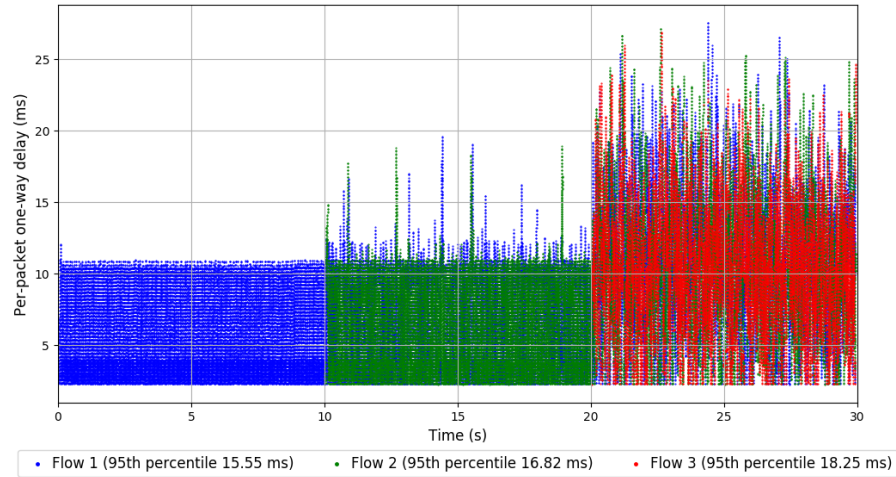
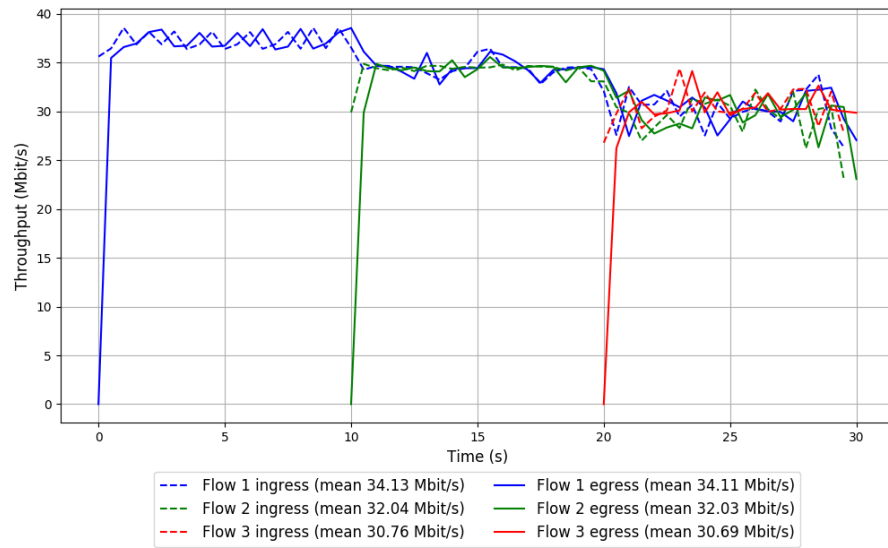


Run 2: Statistics of Sprout

Start at: 2018-08-09 09:00:17
End at: 2018-08-09 09:00:47
Local clock offset: -2.58 ms
Remote clock offset: -7.056 ms

Below is generated by plot.py at 2018-08-09 12:14:18
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.57 Mbit/s
95th percentile per-packet one-way delay: 16.636 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.11 Mbit/s
95th percentile per-packet one-way delay: 15.553 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.03 Mbit/s
95th percentile per-packet one-way delay: 16.823 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.69 Mbit/s
95th percentile per-packet one-way delay: 18.255 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

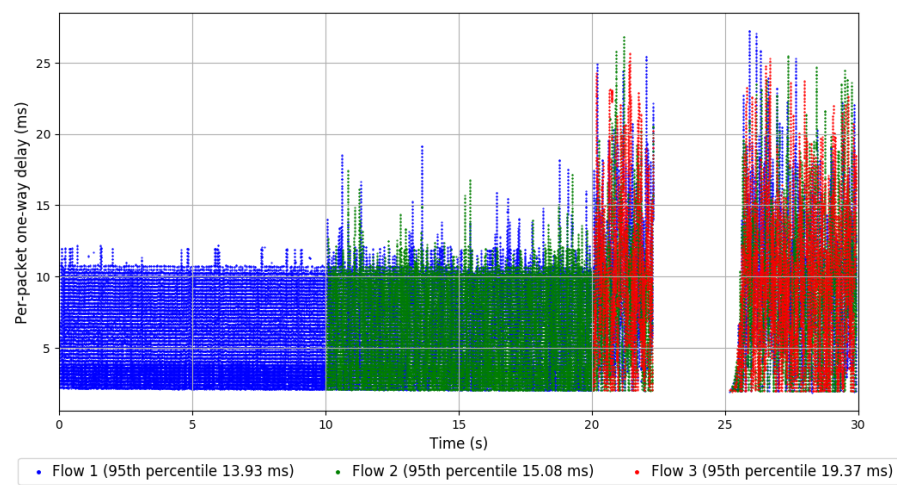
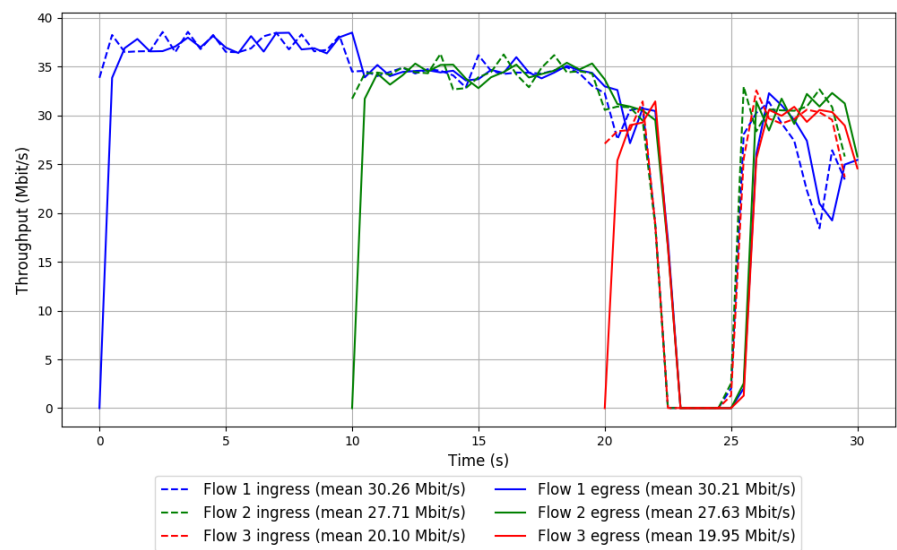


Run 3: Statistics of Sprout

Start at: 2018-08-09 09:19:29
End at: 2018-08-09 09:19:59
Local clock offset: -3.078 ms
Remote clock offset: -4.865 ms

```
# Below is generated by plot.py at 2018-08-09 12:14:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 55.16 Mbit/s
95th percentile per-packet one-way delay: 15.627 ms
Loss rate: 0.23%
-- Flow 1:
Average throughput: 30.21 Mbit/s
95th percentile per-packet one-way delay: 13.925 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 27.63 Mbit/s
95th percentile per-packet one-way delay: 15.078 ms
Loss rate: 0.23%
-- Flow 3:
Average throughput: 19.95 Mbit/s
95th percentile per-packet one-way delay: 19.366 ms
Loss rate: 0.66%
```


Run 3: Report of Sprout — Data Link

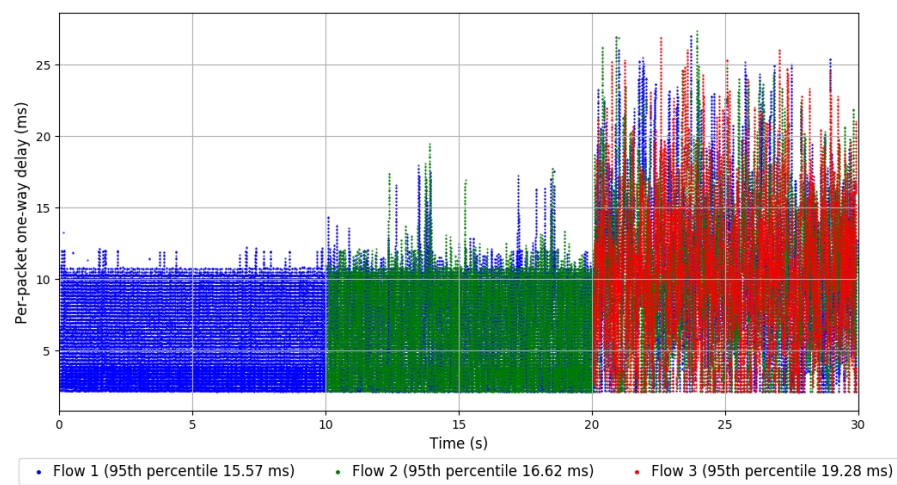
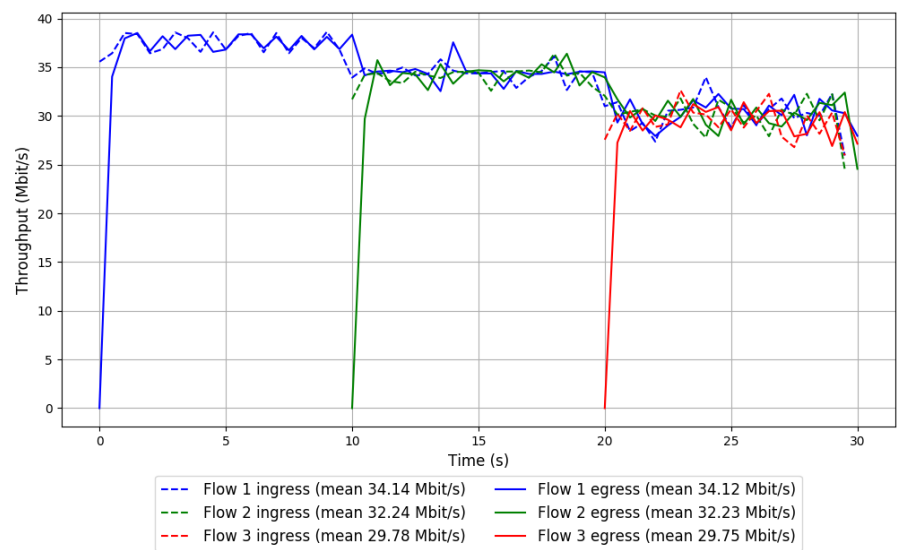


Run 4: Statistics of Sprout

Start at: 2018-08-09 09:38:40
End at: 2018-08-09 09:39:10
Local clock offset: -3.691 ms
Remote clock offset: -0.887 ms

```
# Below is generated by plot.py at 2018-08-09 12:14:30
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.40 Mbit/s
95th percentile per-packet one-way delay: 16.852 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.12 Mbit/s
95th percentile per-packet one-way delay: 15.573 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.23 Mbit/s
95th percentile per-packet one-way delay: 16.620 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.75 Mbit/s
95th percentile per-packet one-way delay: 19.281 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link



Run 5: Statistics of Sprout

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

End at: 2018-08-09 09:58:22

Local clock offset: -2.756 ms

Remote clock offset: -0.68 ms

Below is generated by plot.py at 2018-08-09 12:14:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 65.78 Mbit/s

95th percentile per-packet one-way delay: 16.641 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 34.17 Mbit/s

95th percentile per-packet one-way delay: 15.091 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 32.22 Mbit/s

95th percentile per-packet one-way delay: 16.899 ms

Loss rate: 0.00%

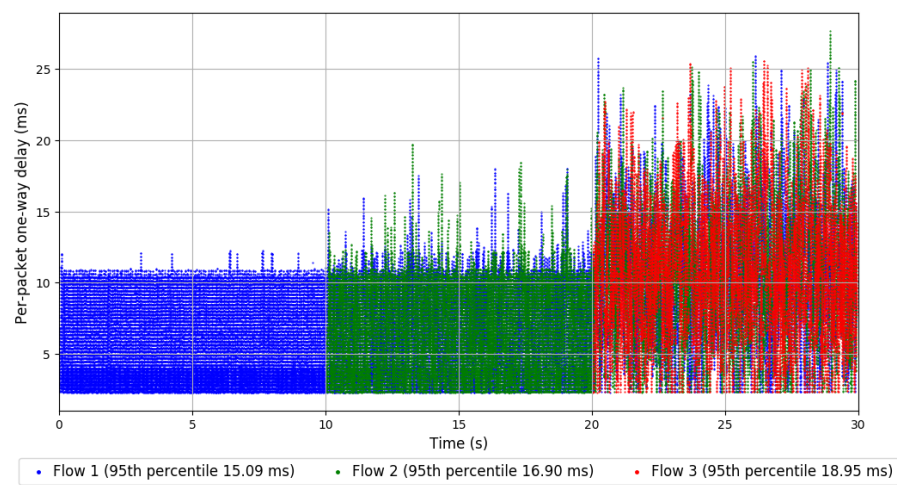
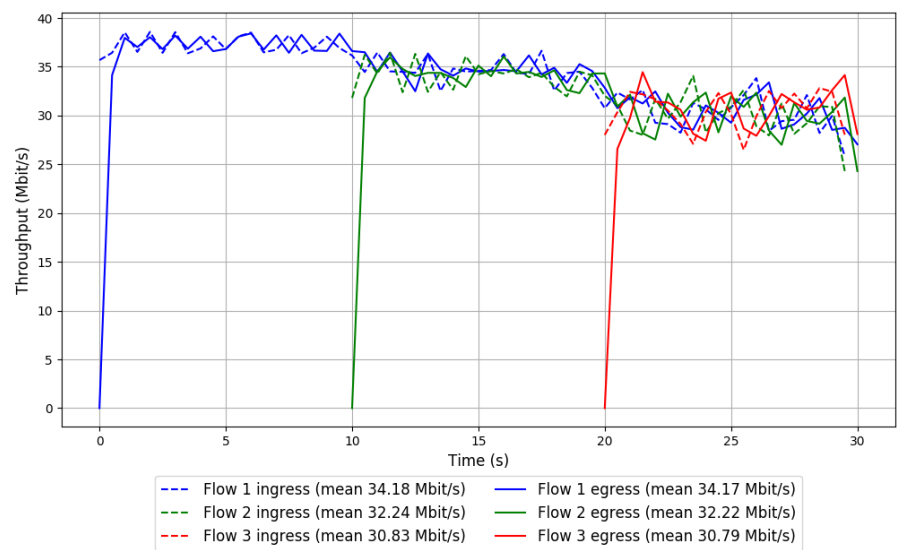
-- Flow 3:

Average throughput: 30.79 Mbit/s

95th percentile per-packet one-way delay: 18.955 ms

Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

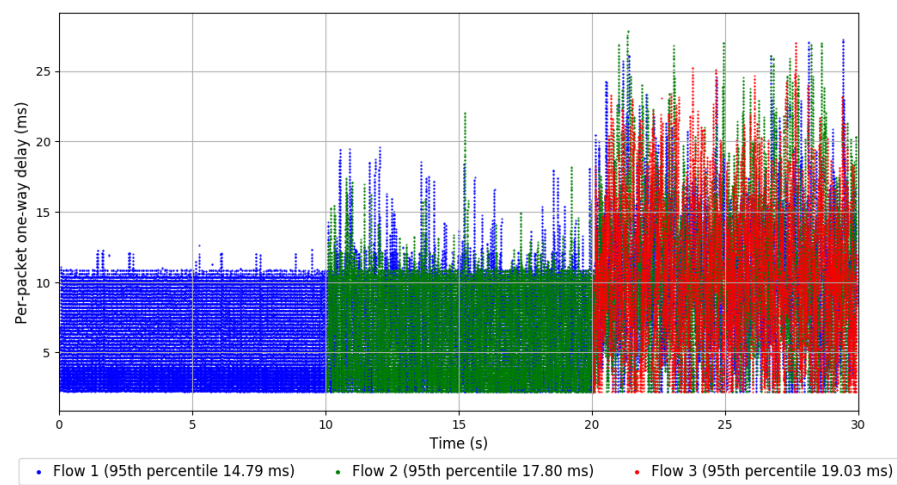
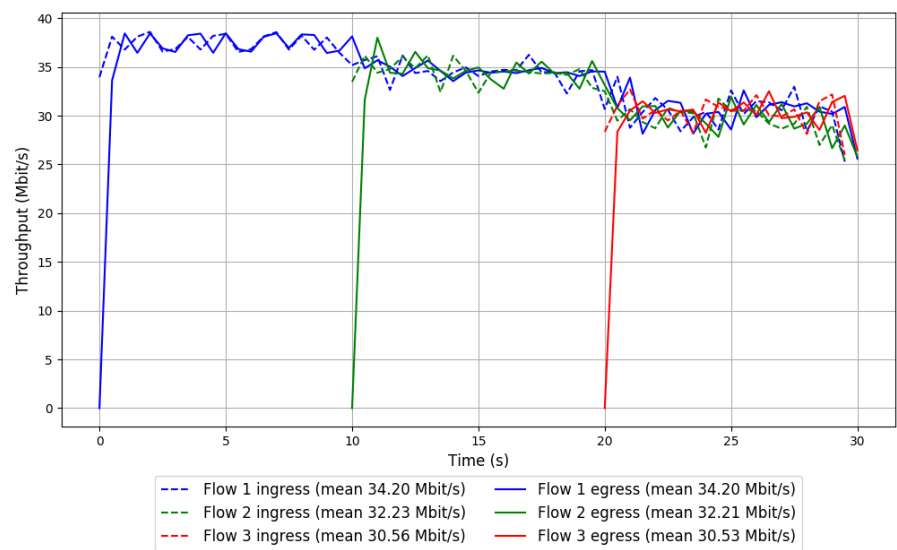


Run 6: Statistics of Sprout

Start at: 2018-08-09 10:17:04
End at: 2018-08-09 10:17:34
Local clock offset: -2.457 ms
Remote clock offset: -0.391 ms

Below is generated by plot.py at 2018-08-09 12:14:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.71 Mbit/s
95th percentile per-packet one-way delay: 16.858 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.20 Mbit/s
95th percentile per-packet one-way delay: 14.792 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.21 Mbit/s
95th percentile per-packet one-way delay: 17.797 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.53 Mbit/s
95th percentile per-packet one-way delay: 19.026 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

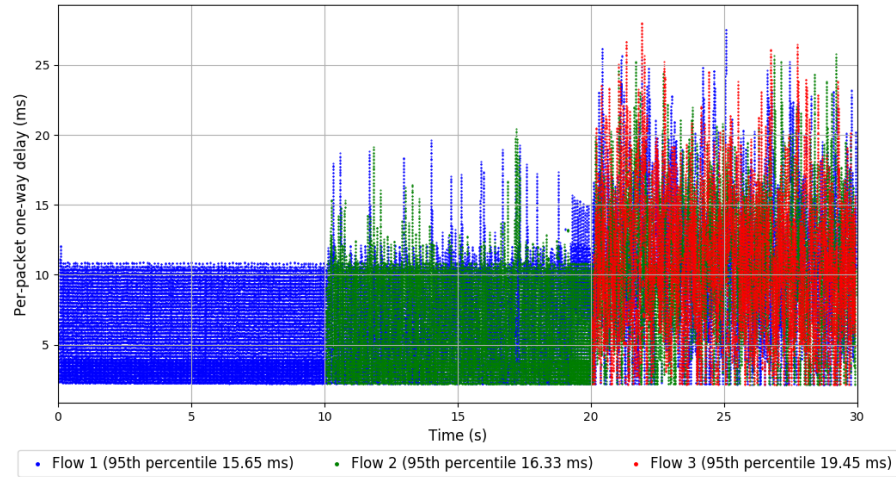
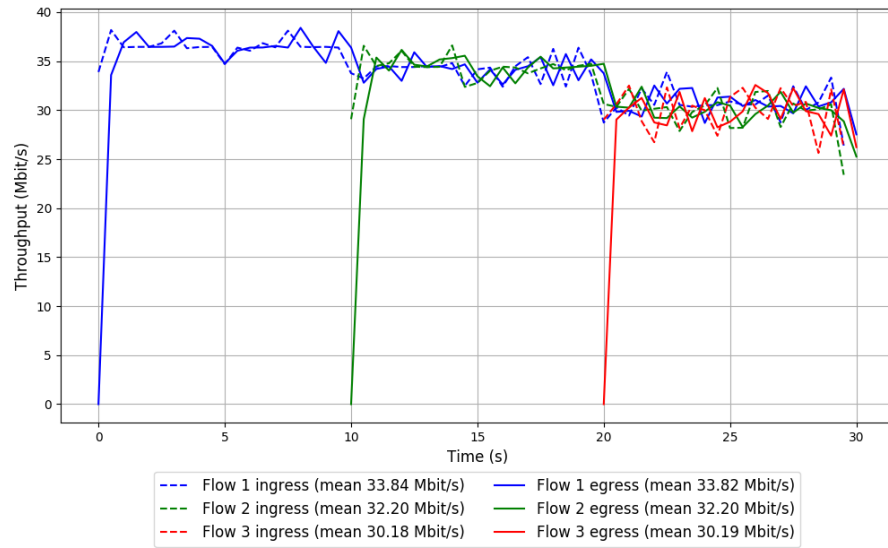


Run 7: Statistics of Sprout

Start at: 2018-08-09 10:36:16
End at: 2018-08-09 10:36:46
Local clock offset: -2.827 ms
Remote clock offset: 5.762 ms

```
# Below is generated by plot.py at 2018-08-09 12:14:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.20 Mbit/s
95th percentile per-packet one-way delay: 16.849 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.82 Mbit/s
95th percentile per-packet one-way delay: 15.649 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.20 Mbit/s
95th percentile per-packet one-way delay: 16.328 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.19 Mbit/s
95th percentile per-packet one-way delay: 19.453 ms
Loss rate: 0.00%
```


Run 7: Report of Sprout — Data Link

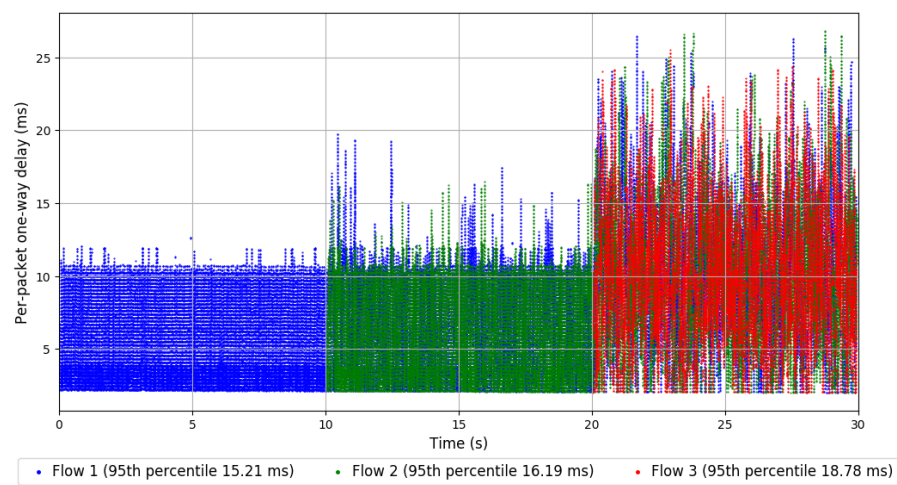
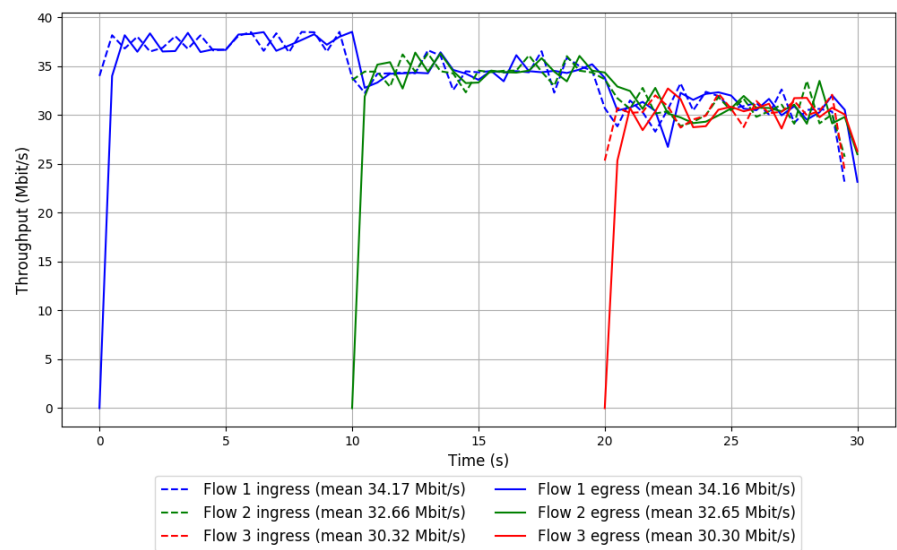


Run 8: Statistics of Sprout

Start at: 2018-08-09 10:55:27
End at: 2018-08-09 10:55:57
Local clock offset: -6.676 ms
Remote clock offset: 9.222 ms

Below is generated by plot.py at 2018-08-09 12:15:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.88 Mbit/s
95th percentile per-packet one-way delay: 16.429 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.16 Mbit/s
95th percentile per-packet one-way delay: 15.213 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.65 Mbit/s
95th percentile per-packet one-way delay: 16.190 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.30 Mbit/s
95th percentile per-packet one-way delay: 18.777 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

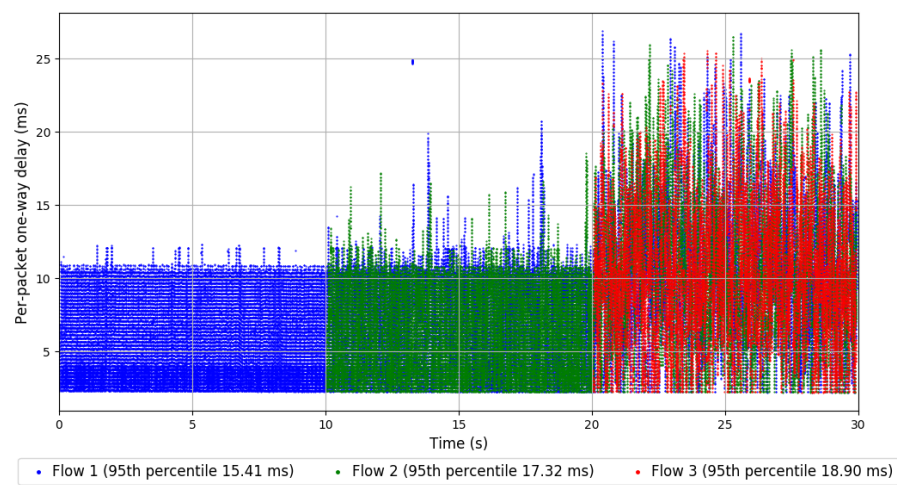
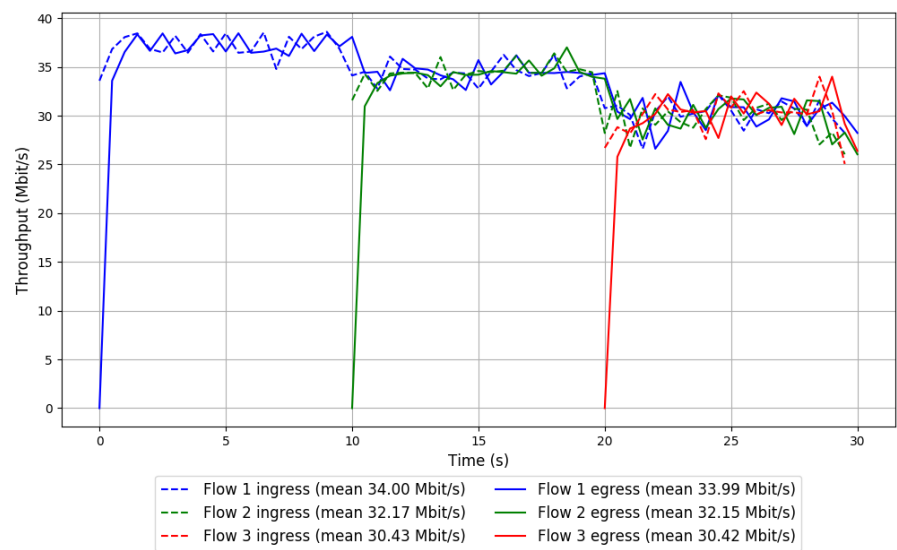


Run 9: Statistics of Sprout

Start at: 2018-08-09 11:14:40
End at: 2018-08-09 11:15:10
Local clock offset: -9.379 ms
Remote clock offset: 11.814 ms

Below is generated by plot.py at 2018-08-09 12:15:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.43 Mbit/s
95th percentile per-packet one-way delay: 16.960 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.99 Mbit/s
95th percentile per-packet one-way delay: 15.413 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.15 Mbit/s
95th percentile per-packet one-way delay: 17.318 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.42 Mbit/s
95th percentile per-packet one-way delay: 18.899 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

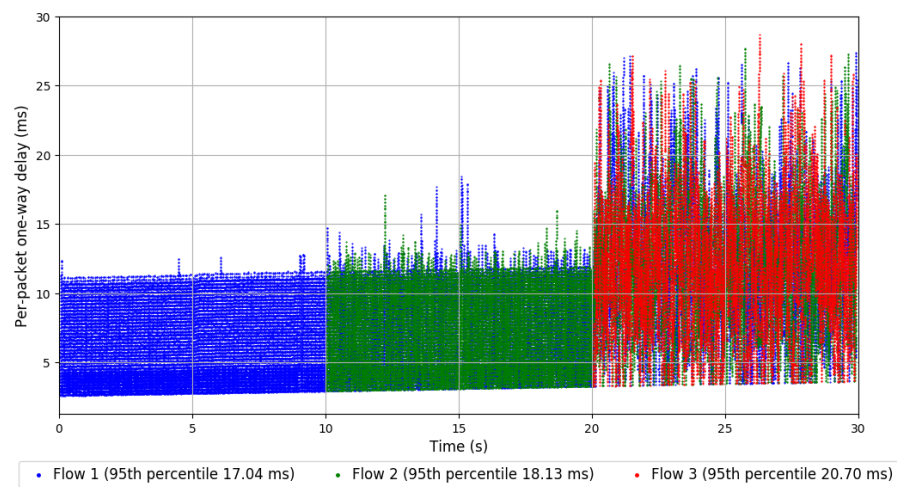
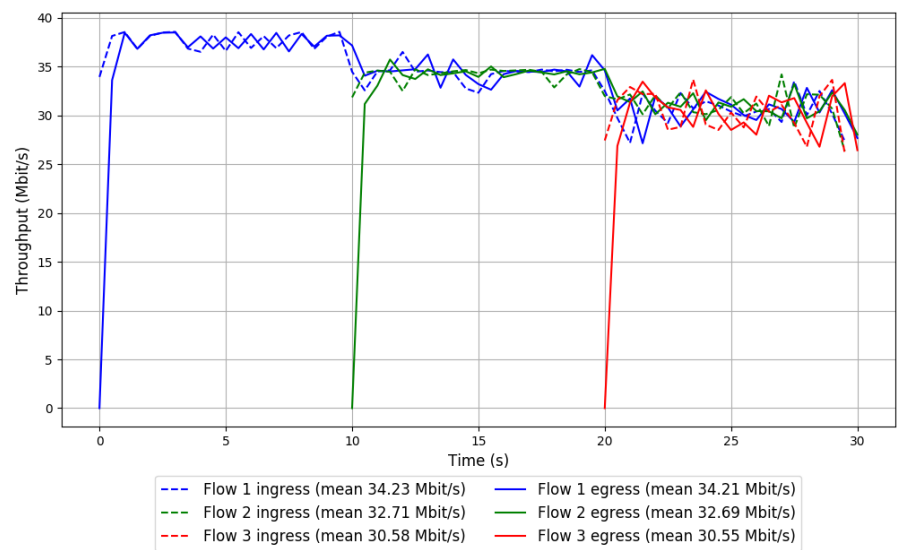


Run 10: Statistics of Sprout

Start at: 2018-08-09 11:33:51
End at: 2018-08-09 11:34:21
Local clock offset: -3.013 ms
Remote clock offset: 8.154 ms

Below is generated by plot.py at 2018-08-09 12:15:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.05 Mbit/s
95th percentile per-packet one-way delay: 18.314 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.21 Mbit/s
95th percentile per-packet one-way delay: 17.038 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.69 Mbit/s
95th percentile per-packet one-way delay: 18.134 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.55 Mbit/s
95th percentile per-packet one-way delay: 20.702 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

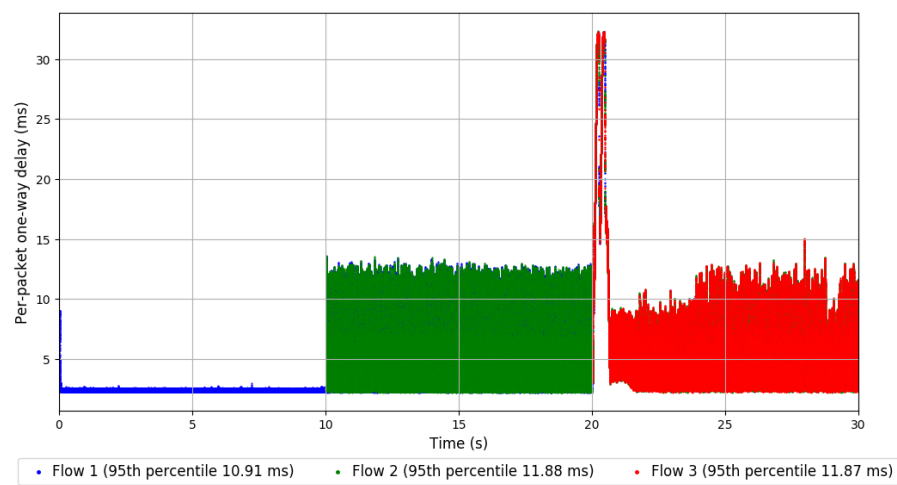
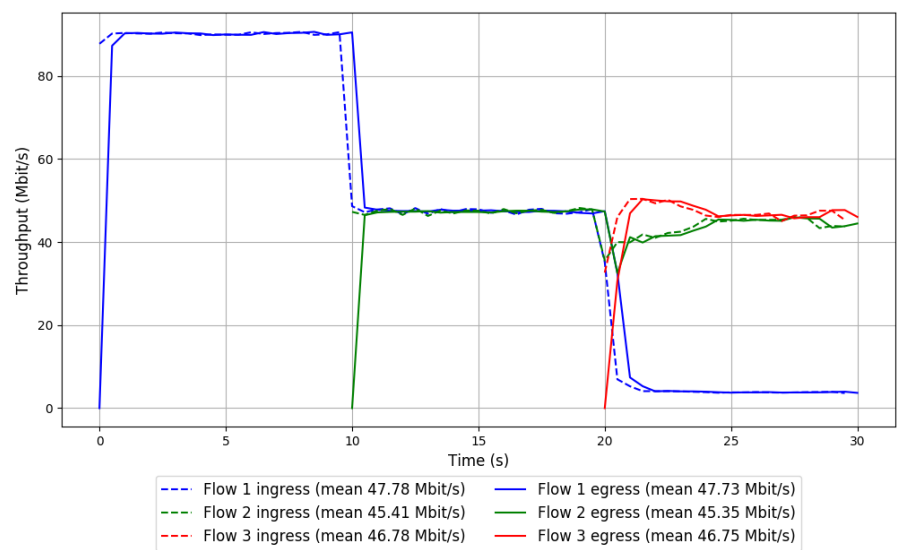


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-08-09 08:54:36
End at: 2018-08-09 08:55:06
Local clock offset: -2.227 ms
Remote clock offset: -7.067 ms

# Below is generated by plot.py at 2018-08-09 12:16:22
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.48 Mbit/s
95th percentile per-packet one-way delay: 11.502 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 47.73 Mbit/s
95th percentile per-packet one-way delay: 10.911 ms
Loss rate: 0.11%
-- Flow 2:
Average throughput: 45.35 Mbit/s
95th percentile per-packet one-way delay: 11.876 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 46.75 Mbit/s
95th percentile per-packet one-way delay: 11.867 ms
Loss rate: 0.08%
```


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

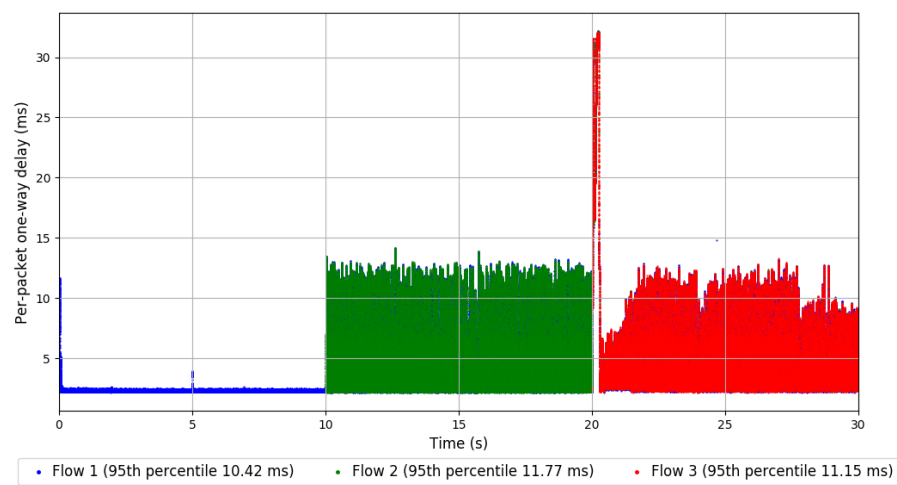
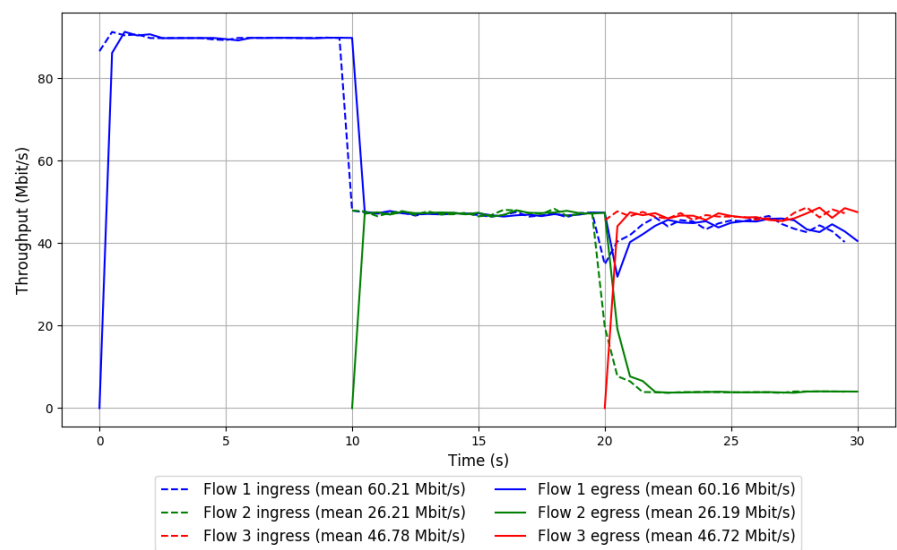


Run 2: Statistics of TaoVA-100x

Start at: 2018-08-09 09:13:48
End at: 2018-08-09 09:14:18
Local clock offset: -2.74 ms
Remote clock offset: -7.269 ms

Below is generated by plot.py at 2018-08-09 12:16:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.17 Mbit/s
95th percentile per-packet one-way delay: 10.972 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 60.16 Mbit/s
95th percentile per-packet one-way delay: 10.417 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 26.19 Mbit/s
95th percentile per-packet one-way delay: 11.765 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 46.72 Mbit/s
95th percentile per-packet one-way delay: 11.154 ms
Loss rate: 0.13%

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



Run 3: Statistics of TaoVA-100x

Start at: 2018-08-09 09:33:00

End at: 2018-08-09 09:33:30

Local clock offset: -3.578 ms

Remote clock offset: -1.63 ms

Below is generated by plot.py at 2018-08-09 12:16:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.48 Mbit/s

95th percentile per-packet one-way delay: 11.065 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 58.99 Mbit/s

95th percentile per-packet one-way delay: 10.569 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 46.12 Mbit/s

95th percentile per-packet one-way delay: 11.491 ms

Loss rate: 0.02%

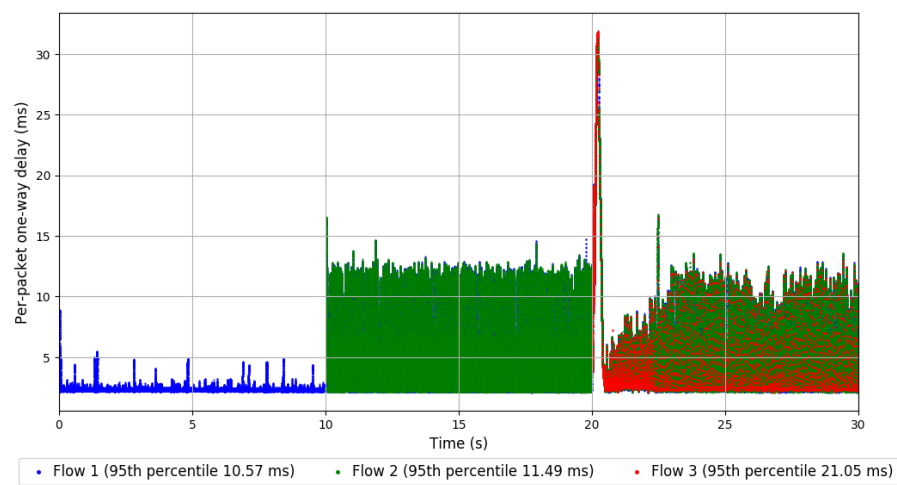
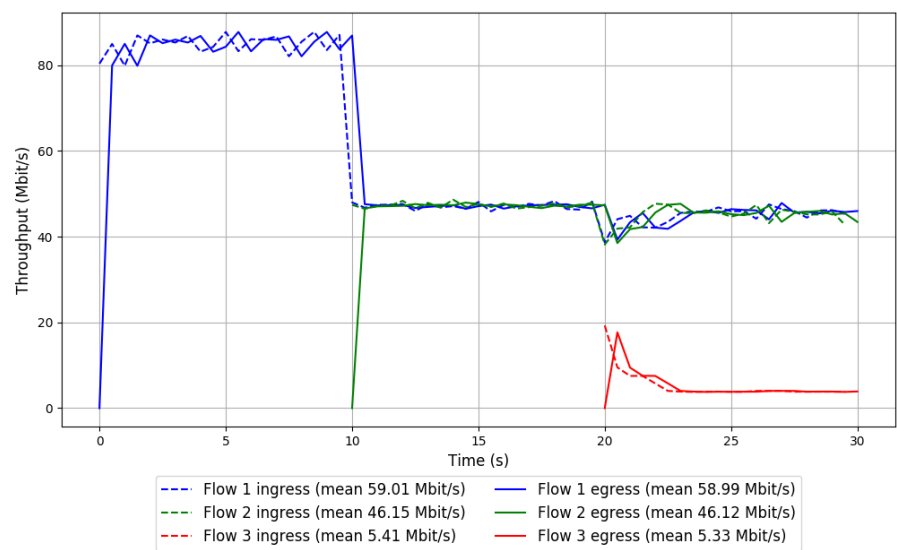
-- Flow 3:

Average throughput: 5.33 Mbit/s

95th percentile per-packet one-way delay: 21.048 ms

Loss rate: 1.45%

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

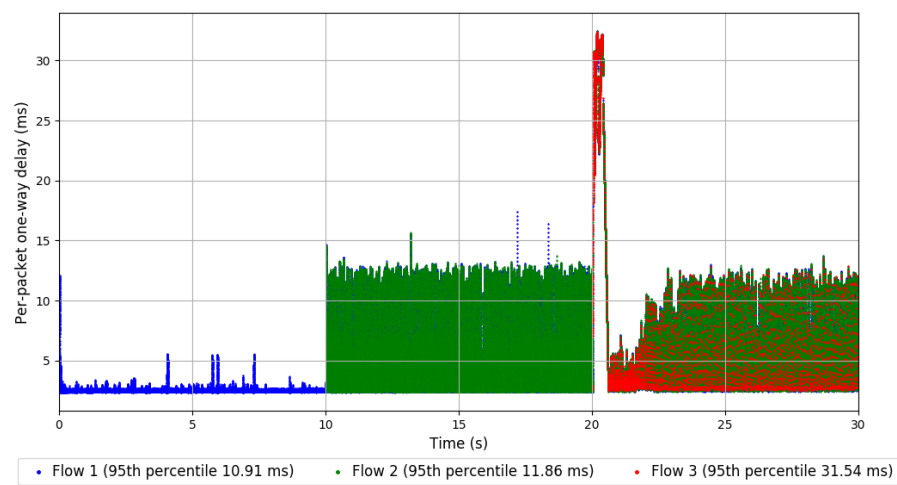
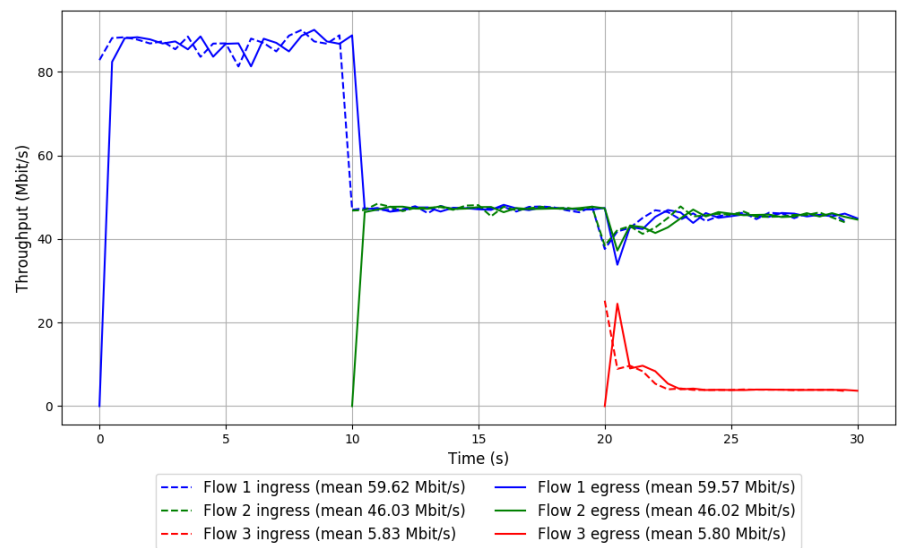


Run 4: Statistics of TaoVA-100x

Start at: 2018-08-09 09:52:12
End at: 2018-08-09 09:52:42
Local clock offset: -3.07 ms
Remote clock offset: -0.262 ms

Below is generated by plot.py at 2018-08-09 12:16:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.15 Mbit/s
95th percentile per-packet one-way delay: 11.460 ms
Loss rate: 0.07%
-- Flow 1:
Average throughput: 59.57 Mbit/s
95th percentile per-packet one-way delay: 10.915 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 46.02 Mbit/s
95th percentile per-packet one-way delay: 11.859 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 5.80 Mbit/s
95th percentile per-packet one-way delay: 31.538 ms
Loss rate: 0.49%

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

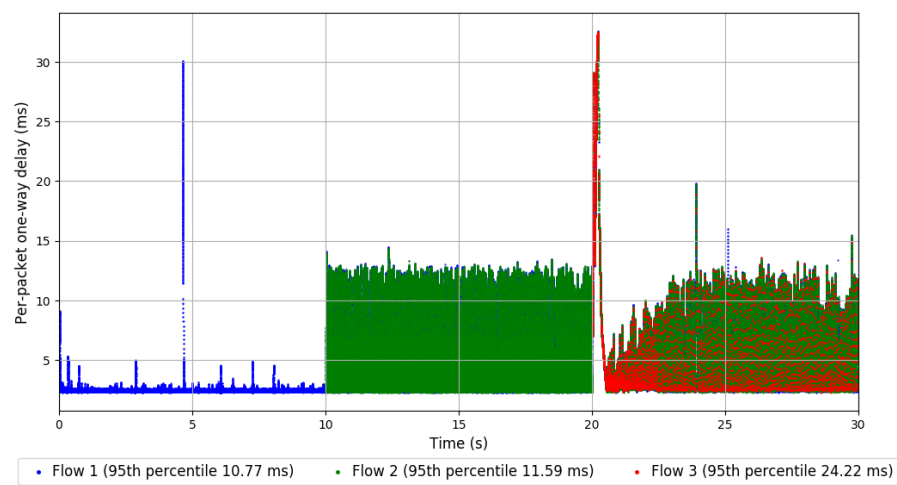
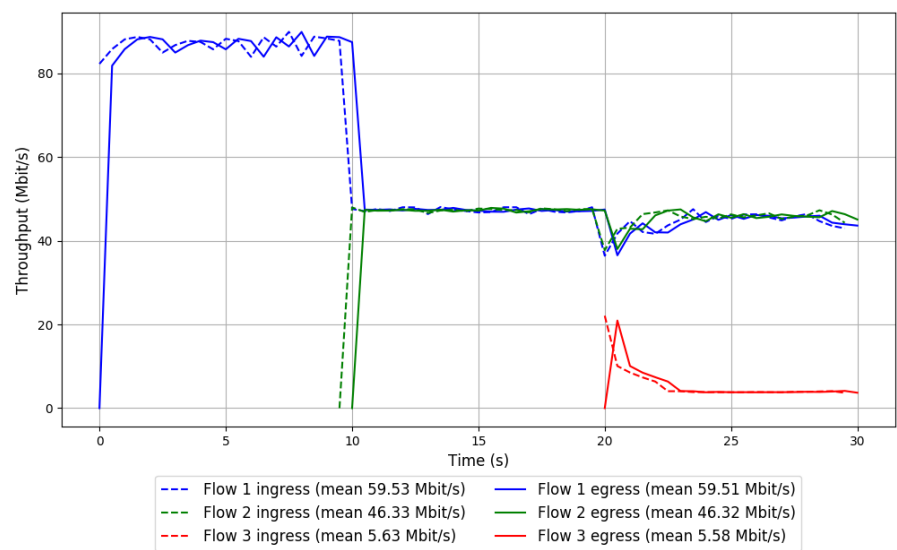


Run 5: Statistics of TaoVA-100x

Start at: 2018-08-09 10:11:24
End at: 2018-08-09 10:11:54
Local clock offset: -2.456 ms
Remote clock offset: -0.568 ms

Below is generated by plot.py at 2018-08-09 12:16:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.24 Mbit/s
95th percentile per-packet one-way delay: 11.225 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 59.51 Mbit/s
95th percentile per-packet one-way delay: 10.774 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 46.32 Mbit/s
95th percentile per-packet one-way delay: 11.586 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 5.58 Mbit/s
95th percentile per-packet one-way delay: 24.222 ms
Loss rate: 0.94%

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



Run 6: Statistics of TaoVA-100x

Start at: 2018-08-09 10:30:35

End at: 2018-08-09 10:31:05

Local clock offset: -2.806 ms

Remote clock offset: 3.92 ms

Below is generated by plot.py at 2018-08-09 12:16:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.86 Mbit/s

95th percentile per-packet one-way delay: 10.713 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 48.88 Mbit/s

95th percentile per-packet one-way delay: 10.368 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 28.29 Mbit/s

95th percentile per-packet one-way delay: 11.719 ms

Loss rate: 0.03%

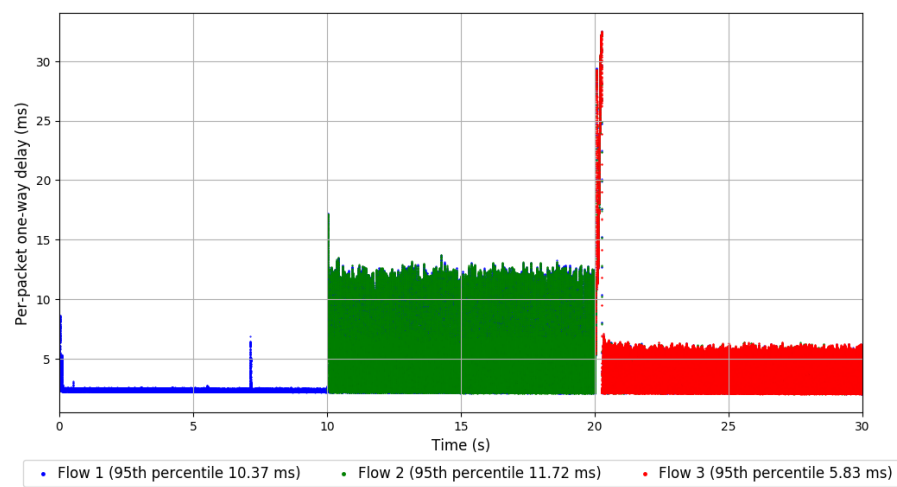
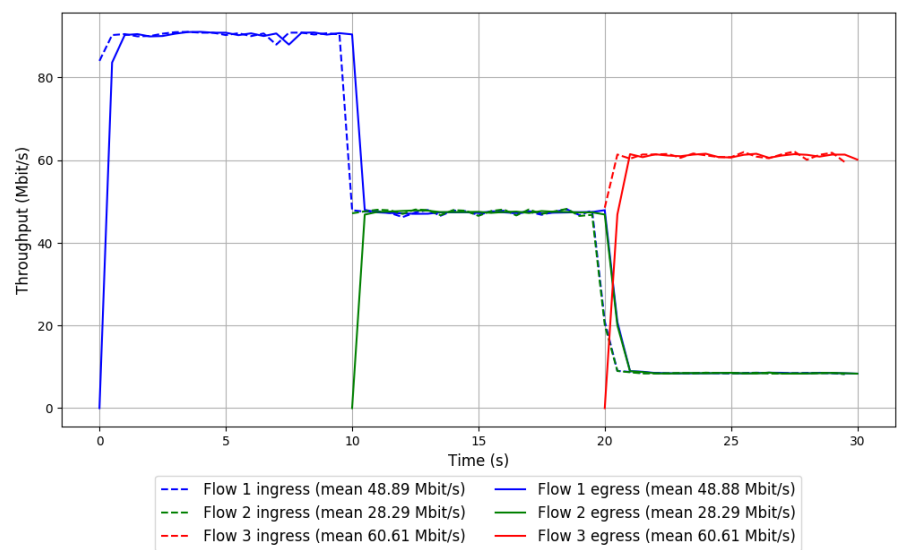
-- Flow 3:

Average throughput: 60.61 Mbit/s

95th percentile per-packet one-way delay: 5.832 ms

Loss rate: 0.08%

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



Run 7: Statistics of TaoVA-100x

Start at: 2018-08-09 10:49:46

End at: 2018-08-09 10:50:16

Local clock offset: -4.901 ms

Remote clock offset: 8.319 ms

Below is generated by plot.py at 2018-08-09 12:16:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 84.96 Mbit/s

95th percentile per-packet one-way delay: 10.473 ms

Loss rate: 0.03%

-- Flow 1:

Average throughput: 62.95 Mbit/s

95th percentile per-packet one-way delay: 9.397 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 28.34 Mbit/s

95th percentile per-packet one-way delay: 11.476 ms

Loss rate: 0.06%

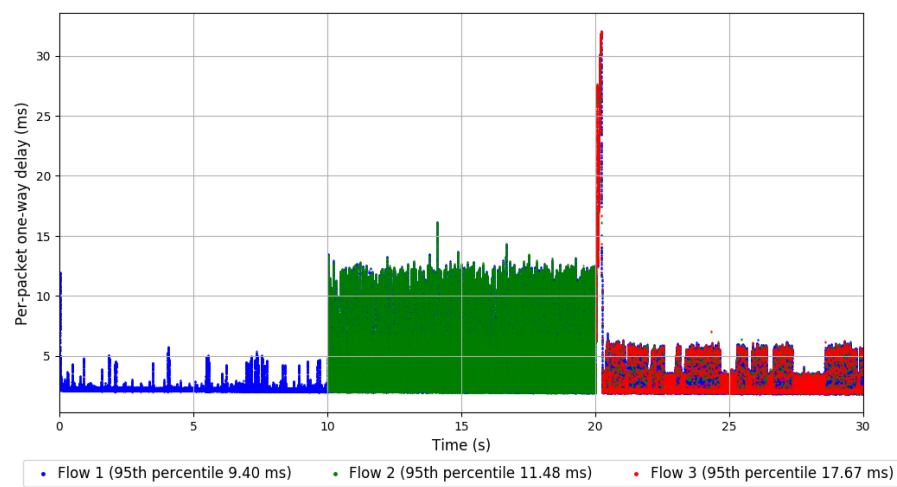
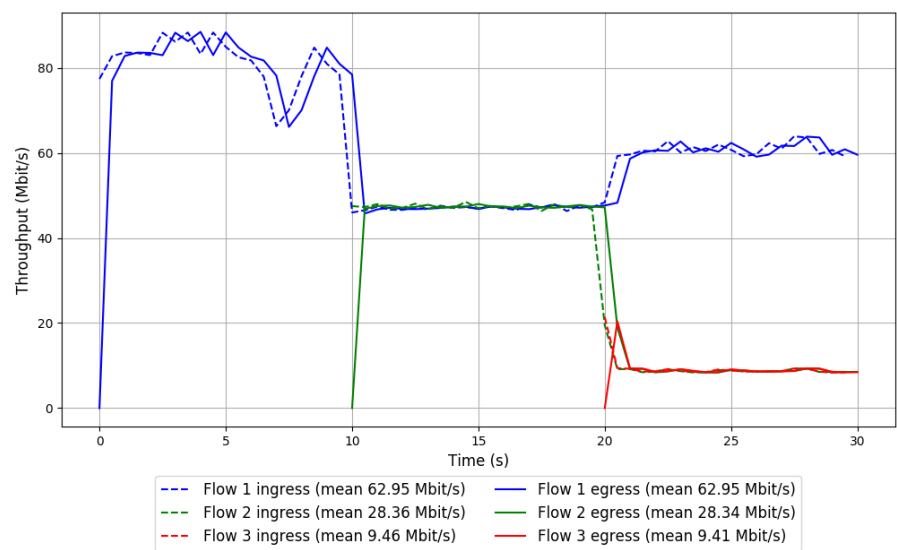
-- Flow 3:

Average throughput: 9.41 Mbit/s

95th percentile per-packet one-way delay: 17.672 ms

Loss rate: 0.50%

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

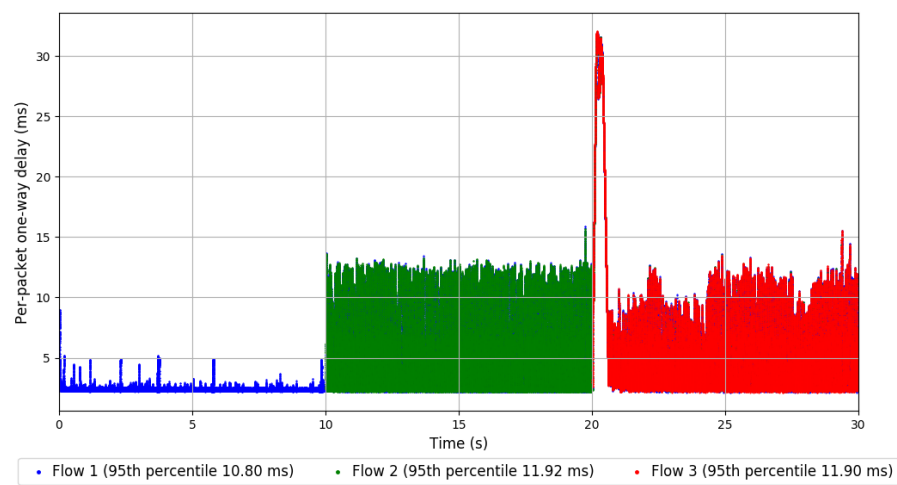
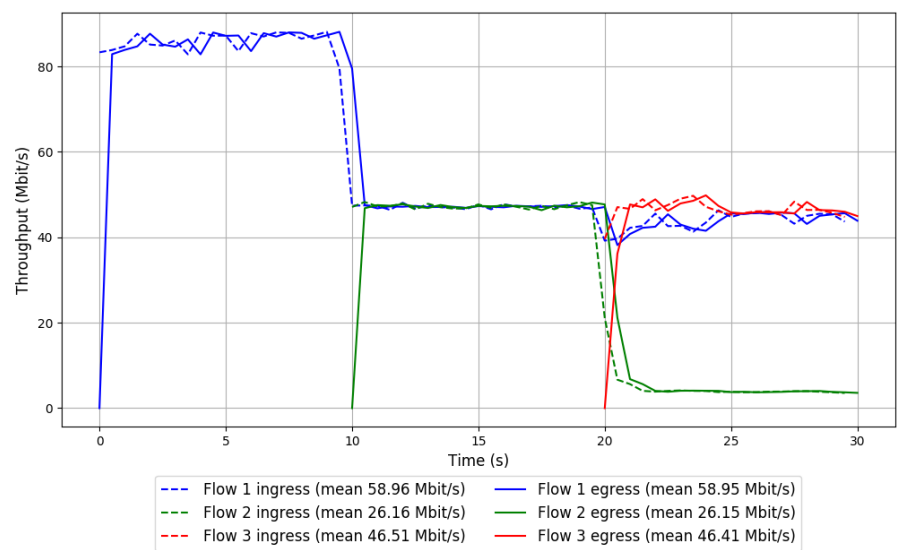


Run 8: Statistics of TaoVA-100x

Start at: 2018-08-09 11:08:59
End at: 2018-08-09 11:09:29
Local clock offset: -8.797 ms
Remote clock offset: 11.047 ms

Below is generated by plot.py at 2018-08-09 12:17:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.82 Mbit/s
95th percentile per-packet one-way delay: 11.324 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 58.95 Mbit/s
95th percentile per-packet one-way delay: 10.801 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 26.15 Mbit/s
95th percentile per-packet one-way delay: 11.924 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 46.41 Mbit/s
95th percentile per-packet one-way delay: 11.896 ms
Loss rate: 0.22%

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

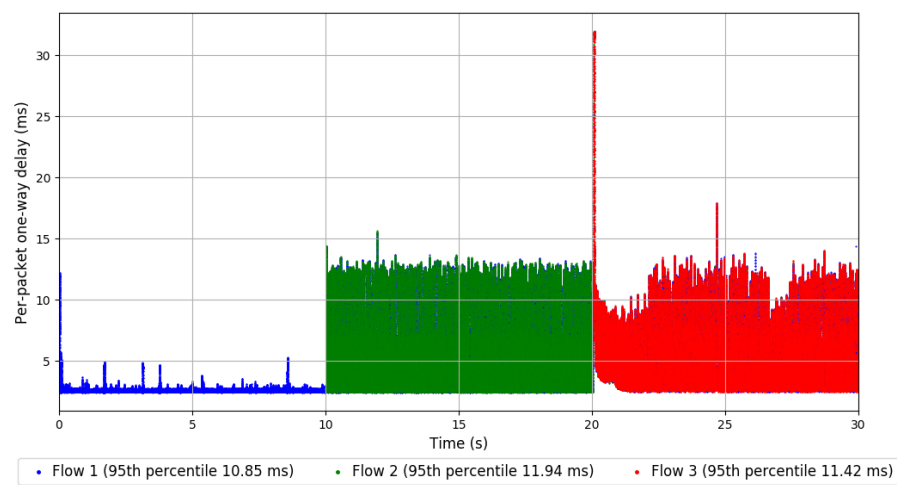
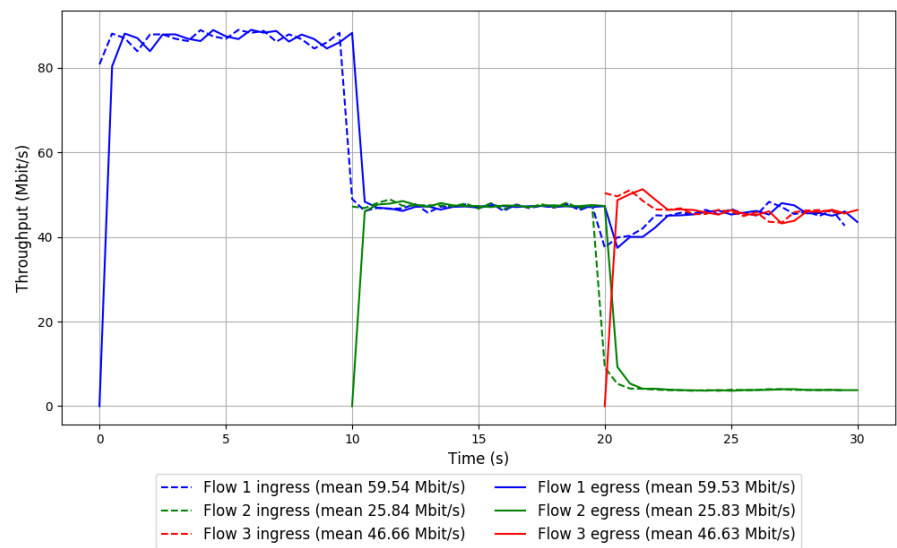


Run 9: Statistics of TaoVA-100x

Start at: 2018-08-09 11:28:11
End at: 2018-08-09 11:28:41
Local clock offset: -3.944 ms
Remote clock offset: 13.564 ms

Below is generated by plot.py at 2018-08-09 12:18:27
Datalink statistics
-- Total of 3 flows:
Average throughput: 92.24 Mbit/s
95th percentile per-packet one-way delay: 11.306 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 59.53 Mbit/s
95th percentile per-packet one-way delay: 10.853 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 25.83 Mbit/s
95th percentile per-packet one-way delay: 11.944 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 46.63 Mbit/s
95th percentile per-packet one-way delay: 11.420 ms
Loss rate: 0.04%

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



Run 10: Statistics of TaoVA-100x

Start at: 2018-08-09 11:47:23

End at: 2018-08-09 11:47:53

Local clock offset: -2.153 ms

Remote clock offset: -7.35 ms

Below is generated by plot.py at 2018-08-09 12:18:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 92.57 Mbit/s

95th percentile per-packet one-way delay: 11.911 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 46.74 Mbit/s

95th percentile per-packet one-way delay: 10.974 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 45.92 Mbit/s

95th percentile per-packet one-way delay: 12.264 ms

Loss rate: 0.01%

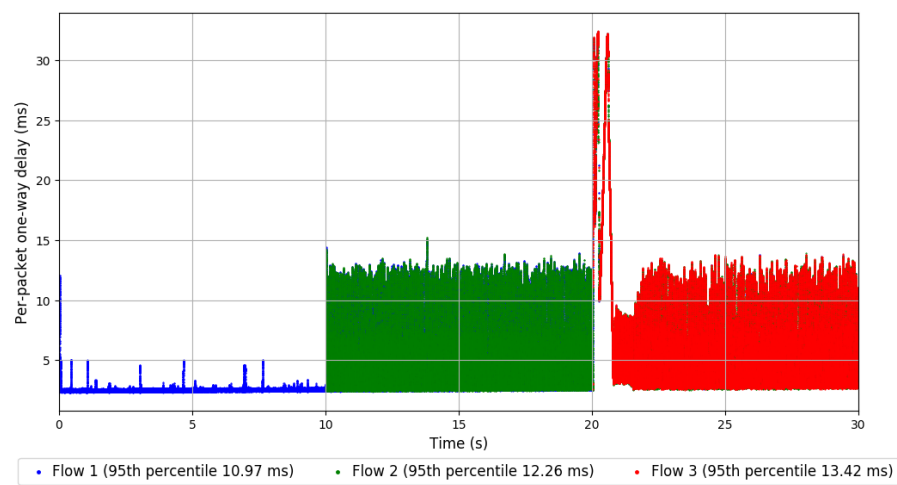
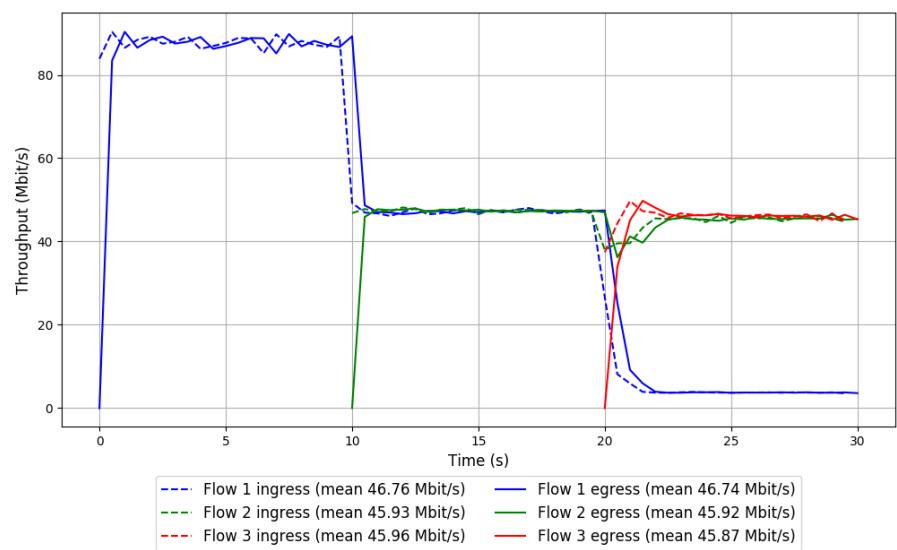
-- Flow 3:

Average throughput: 45.87 Mbit/s

95th percentile per-packet one-way delay: 13.420 ms

Loss rate: 0.18%

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

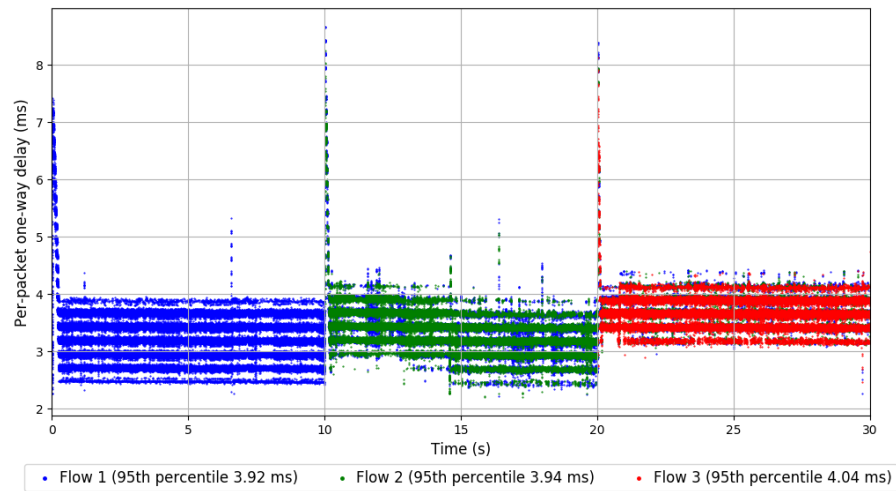
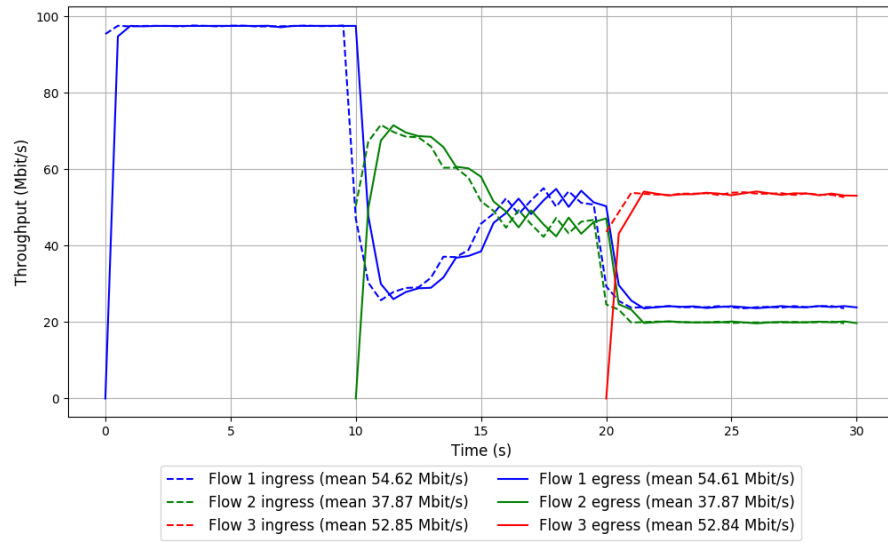


Run 1: Statistics of TCP Vegas

Start at: 2018-08-09 08:52:21
End at: 2018-08-09 08:52:51
Local clock offset: -2.05 ms
Remote clock offset: -7.173 ms

Below is generated by plot.py at 2018-08-09 12:18:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.44 Mbit/s
95th percentile per-packet one-way delay: 3.937 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.61 Mbit/s
95th percentile per-packet one-way delay: 3.923 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.87 Mbit/s
95th percentile per-packet one-way delay: 3.940 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 52.84 Mbit/s
95th percentile per-packet one-way delay: 4.043 ms
Loss rate: 0.01%

Run 1: Report of TCP Vegas — Data Link

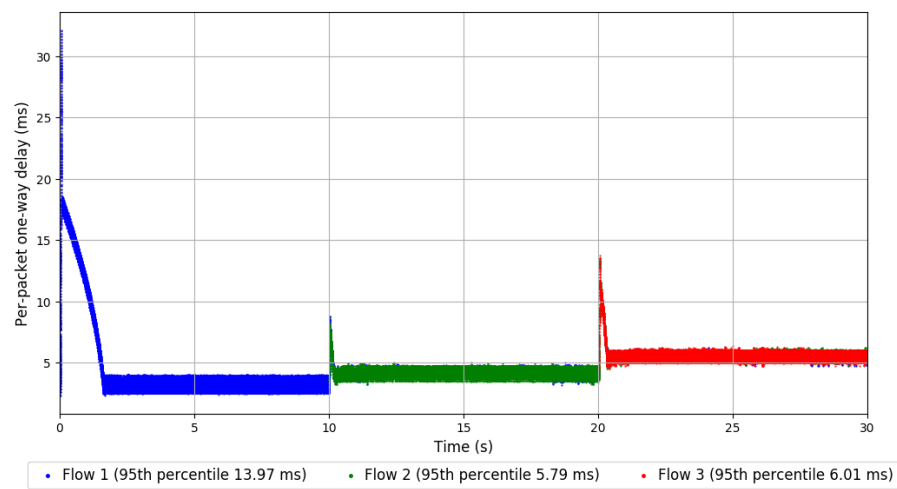
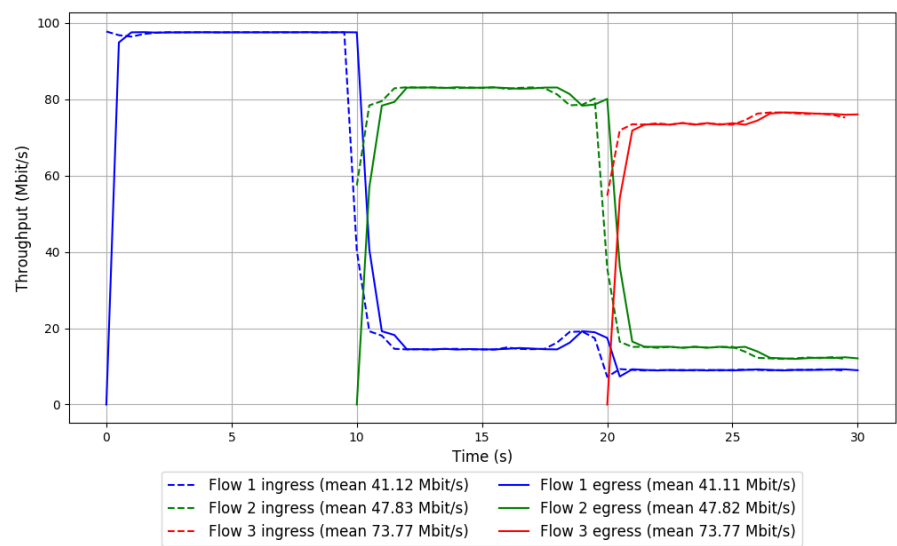


Run 2: Statistics of TCP Vegas

Start at: 2018-08-09 09:11:33
End at: 2018-08-09 09:12:03
Local clock offset: -2.725 ms
Remote clock offset: -7.104 ms

Below is generated by plot.py at 2018-08-09 12:18:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 7.760 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 41.11 Mbit/s
95th percentile per-packet one-way delay: 13.974 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 47.82 Mbit/s
95th percentile per-packet one-way delay: 5.791 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 73.77 Mbit/s
95th percentile per-packet one-way delay: 6.007 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

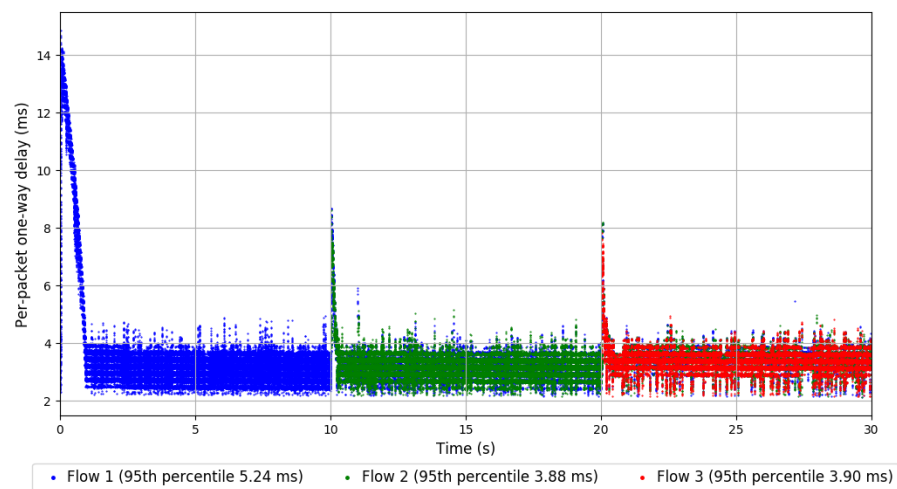
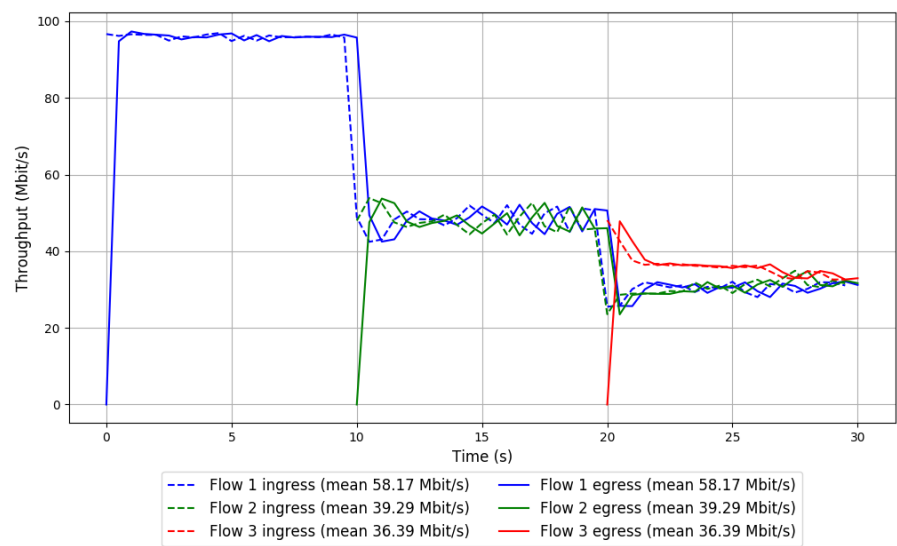


Run 3: Statistics of TCP Vegas

Start at: 2018-08-09 09:30:45
End at: 2018-08-09 09:31:15
Local clock offset: -3.591 ms
Remote clock offset: -1.999 ms

Below is generated by plot.py at 2018-08-09 12:18:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.44 Mbit/s
95th percentile per-packet one-way delay: 4.086 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.17 Mbit/s
95th percentile per-packet one-way delay: 5.238 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.29 Mbit/s
95th percentile per-packet one-way delay: 3.879 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 36.39 Mbit/s
95th percentile per-packet one-way delay: 3.900 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2018-08-09 09:49:56

End at: 2018-08-09 09:50:26

Local clock offset: -3.268 ms

Remote clock offset: 0.059 ms

Below is generated by plot.py at 2018-08-09 12:18:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.61 Mbit/s

95th percentile per-packet one-way delay: 4.394 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 65.08 Mbit/s

95th percentile per-packet one-way delay: 4.628 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 29.01 Mbit/s

95th percentile per-packet one-way delay: 4.176 ms

Loss rate: 0.00%

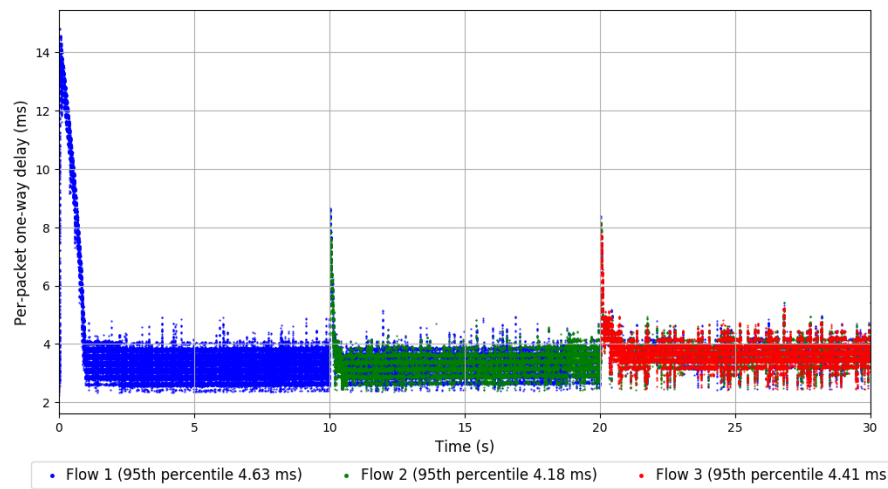
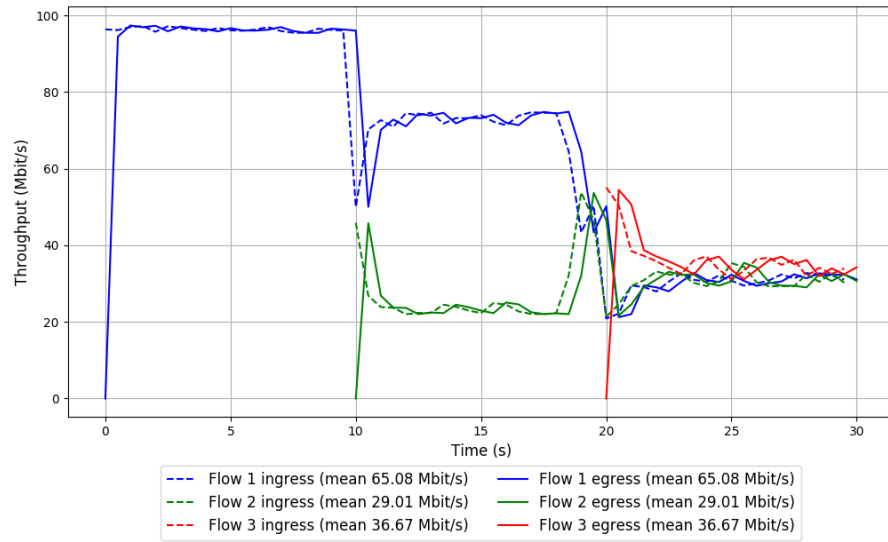
-- Flow 3:

Average throughput: 36.67 Mbit/s

95th percentile per-packet one-way delay: 4.412 ms

Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

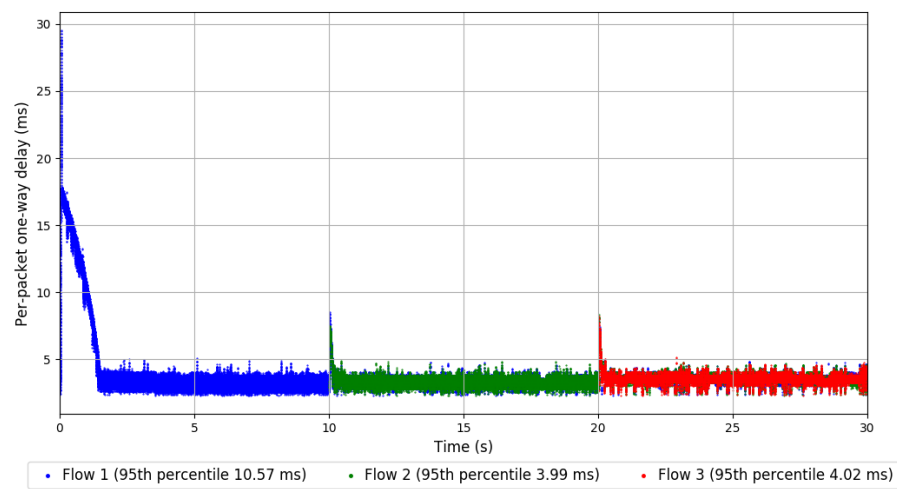
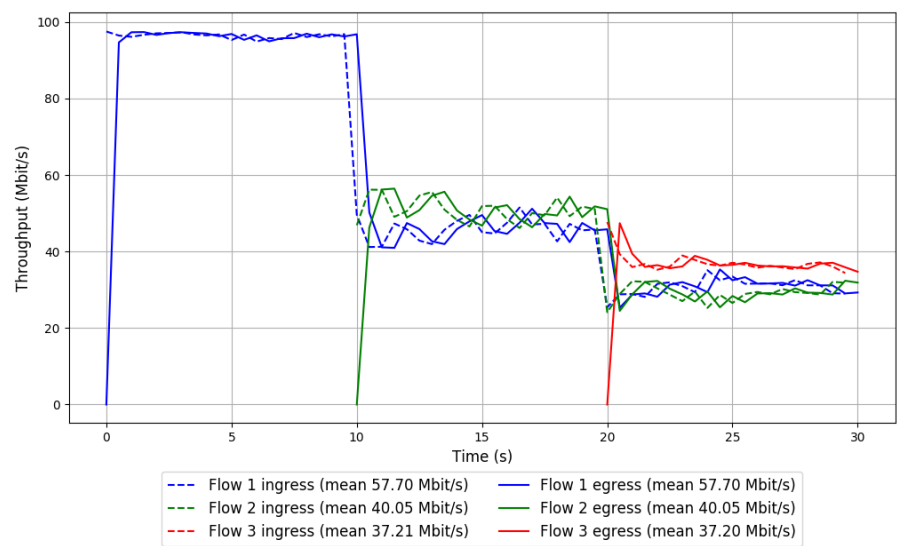


Run 5: Statistics of TCP Vegas

Start at: 2018-08-09 10:09:08
End at: 2018-08-09 10:09:38
Local clock offset: -2.488 ms
Remote clock offset: -0.644 ms

Below is generated by plot.py at 2018-08-09 12:18:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.75 Mbit/s
95th percentile per-packet one-way delay: 5.240 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.70 Mbit/s
95th percentile per-packet one-way delay: 10.574 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.05 Mbit/s
95th percentile per-packet one-way delay: 3.991 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.20 Mbit/s
95th percentile per-packet one-way delay: 4.022 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link



Run 6: Statistics of TCP Vegas

Start at: 2018-08-09 10:28:20

End at: 2018-08-09 10:28:50

Local clock offset: -2.755 ms

Remote clock offset: 2.899 ms

Below is generated by plot.py at 2018-08-09 12:18:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.48 Mbit/s

95th percentile per-packet one-way delay: 6.190 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 49.80 Mbit/s

95th percentile per-packet one-way delay: 12.808 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 43.65 Mbit/s

95th percentile per-packet one-way delay: 3.972 ms

Loss rate: 0.00%

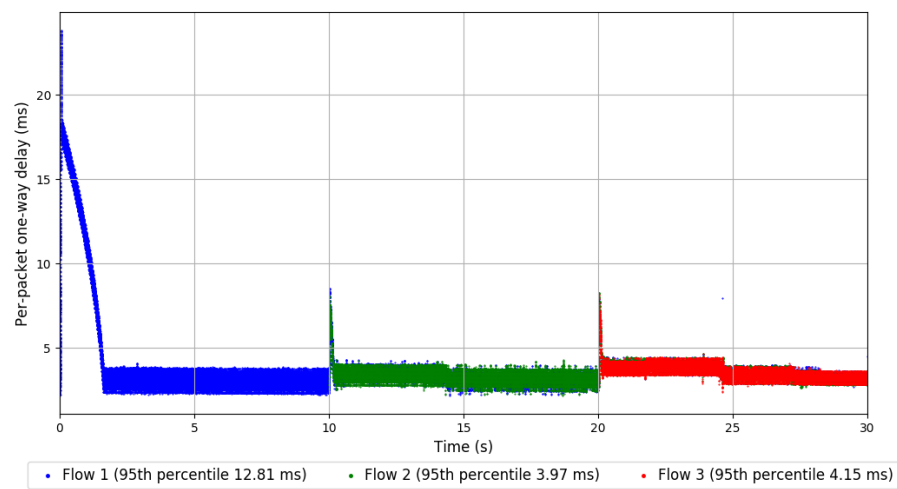
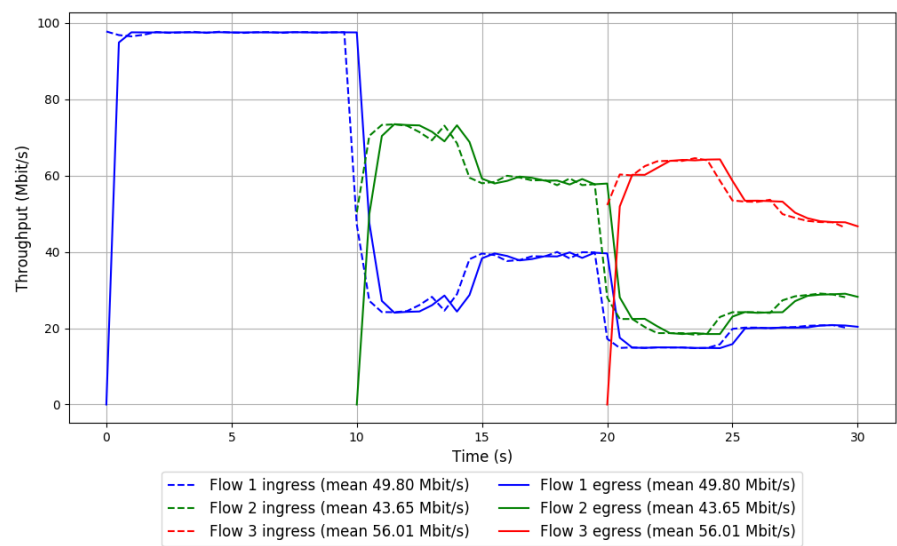
-- Flow 3:

Average throughput: 56.01 Mbit/s

95th percentile per-packet one-way delay: 4.148 ms

Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

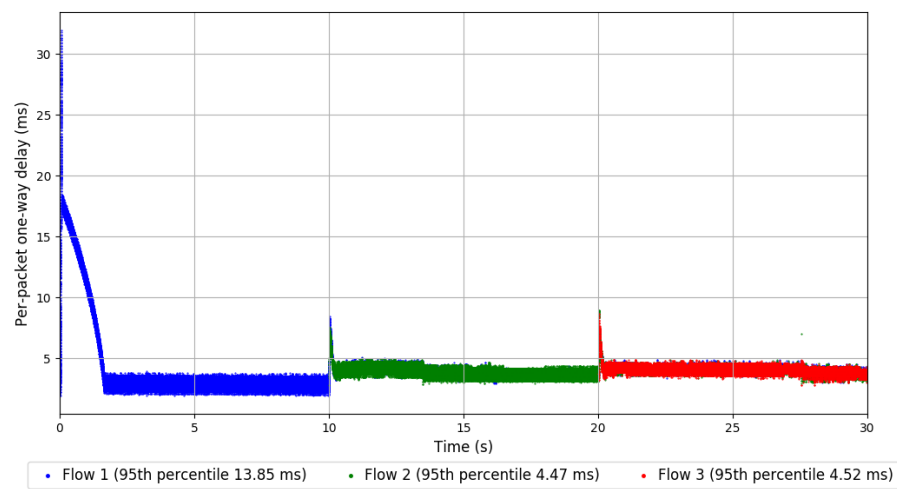
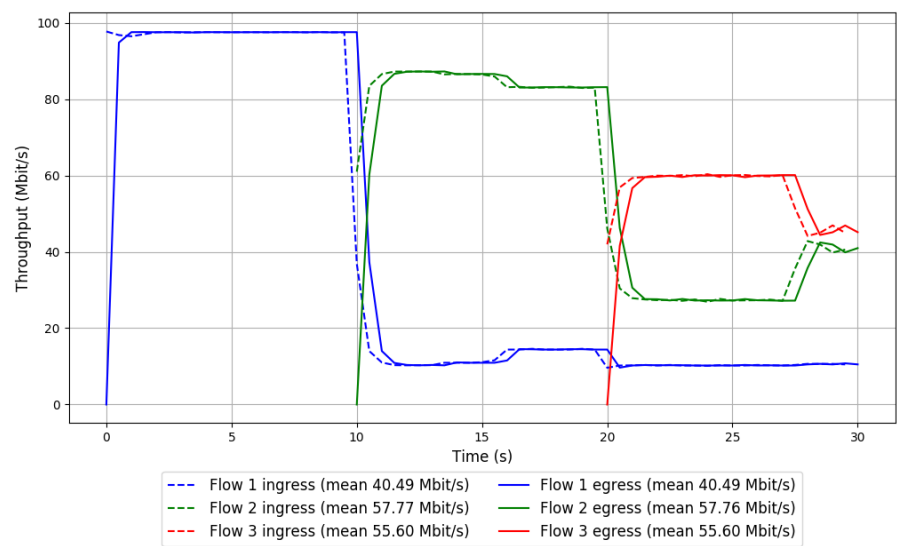


Run 7: Statistics of TCP Vegas

Start at: 2018-08-09 10:47:31
End at: 2018-08-09 10:48:01
Local clock offset: -3.787 ms
Remote clock offset: 7.856 ms

Below is generated by plot.py at 2018-08-09 12:18:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 6.336 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 40.49 Mbit/s
95th percentile per-packet one-way delay: 13.846 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 57.76 Mbit/s
95th percentile per-packet one-way delay: 4.470 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 55.60 Mbit/s
95th percentile per-packet one-way delay: 4.517 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link

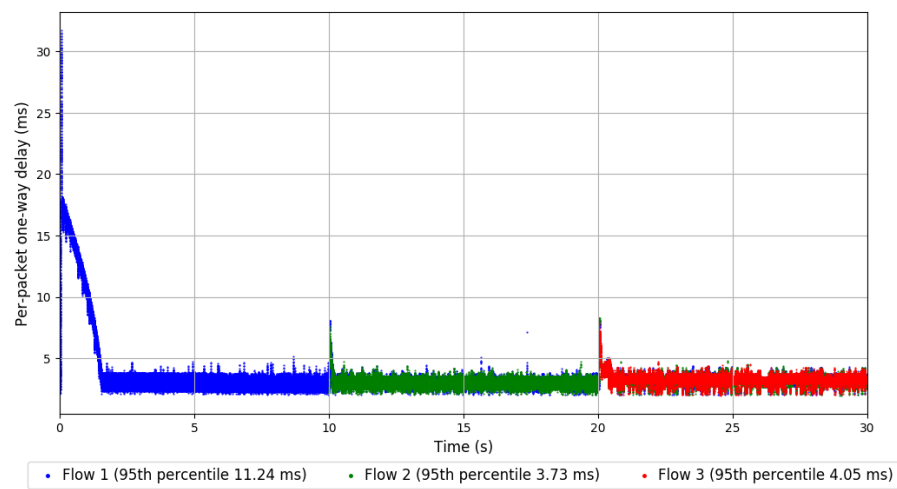
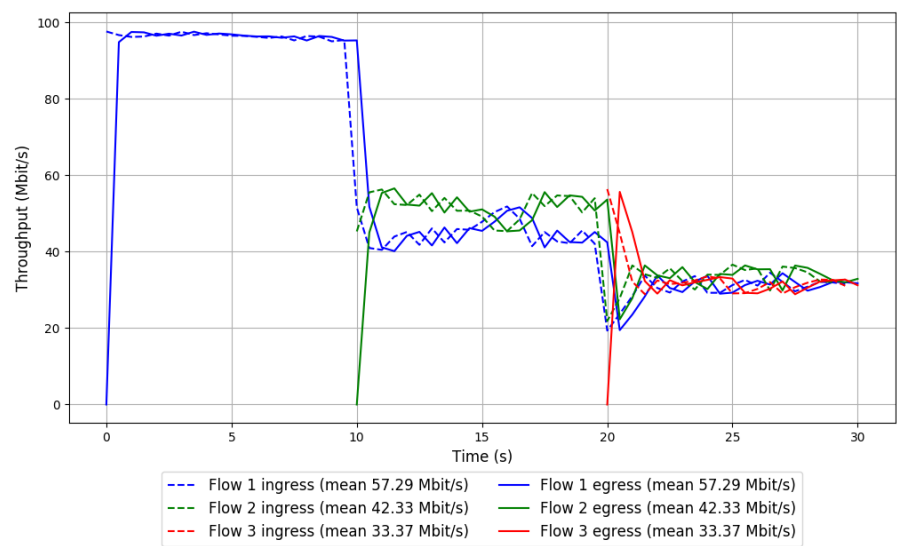


Run 8: Statistics of TCP Vegas

Start at: 2018-08-09 11:06:43
End at: 2018-08-09 11:07:13
Local clock offset: -8.501 ms
Remote clock offset: 10.676 ms

```
# Below is generated by plot.py at 2018-08-09 12:18:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.58 Mbit/s
95th percentile per-packet one-way delay: 5.540 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.29 Mbit/s
95th percentile per-packet one-way delay: 11.243 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.33 Mbit/s
95th percentile per-packet one-way delay: 3.731 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.37 Mbit/s
95th percentile per-packet one-way delay: 4.049 ms
Loss rate: 0.00%
```

Run 8: Report of TCP Vegas — Data Link

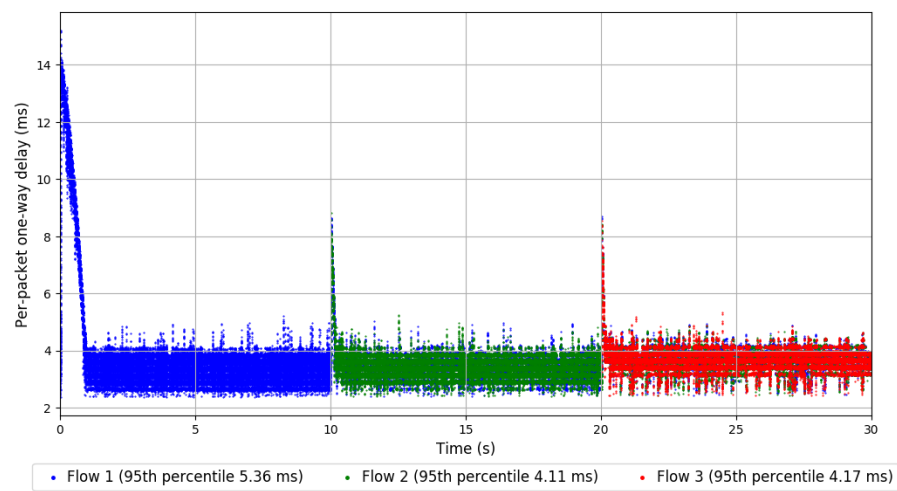
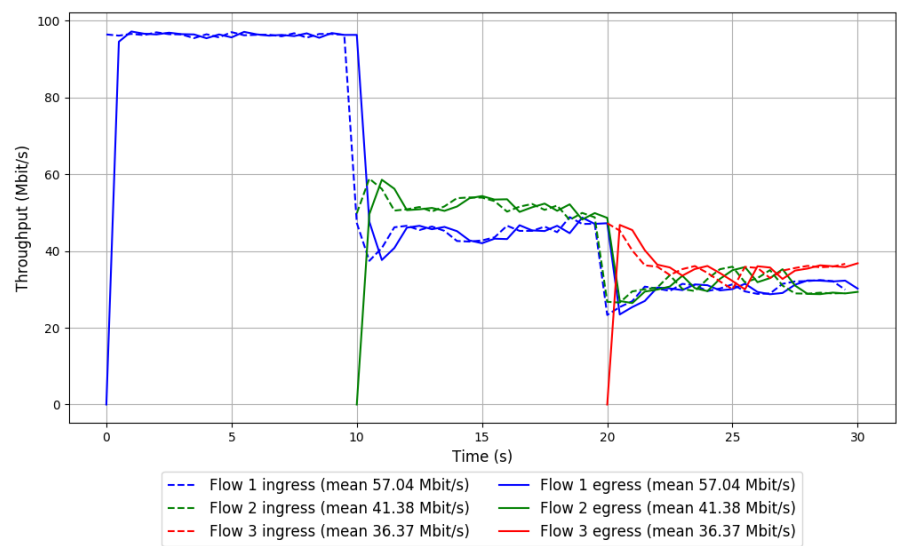


Run 9: Statistics of TCP Vegas

Start at: 2018-08-09 11:25:56
End at: 2018-08-09 11:26:26
Local clock offset: -4.45 ms
Remote clock offset: 13.242 ms

Below is generated by plot.py at 2018-08-09 12:19:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.70 Mbit/s
95th percentile per-packet one-way delay: 4.207 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.04 Mbit/s
95th percentile per-packet one-way delay: 5.361 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.38 Mbit/s
95th percentile per-packet one-way delay: 4.112 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 36.37 Mbit/s
95th percentile per-packet one-way delay: 4.169 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

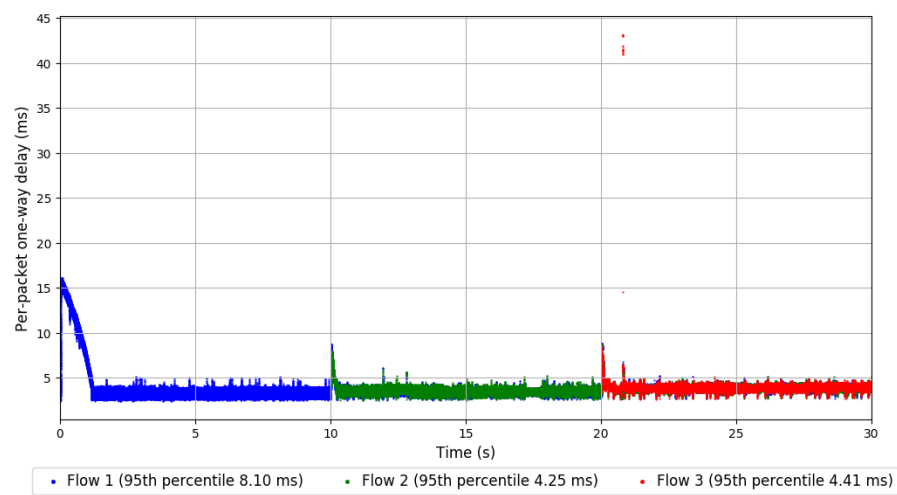
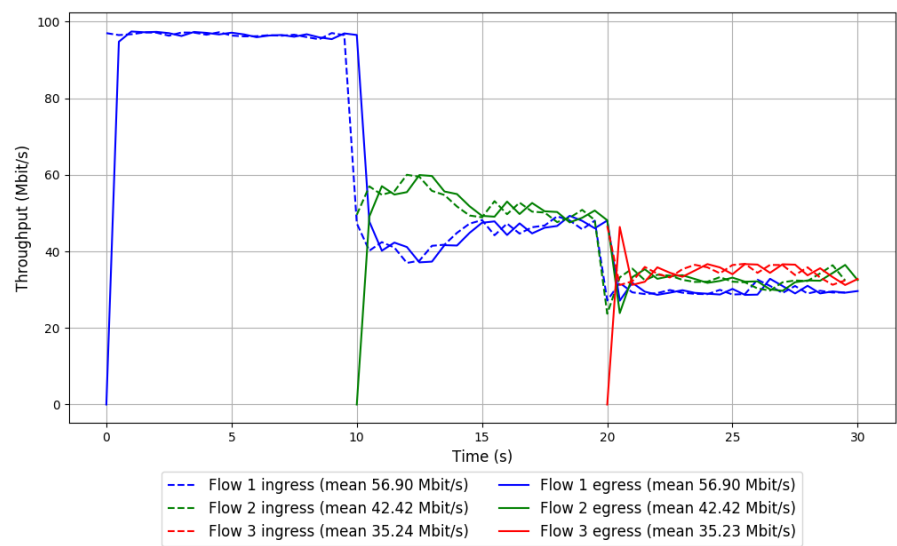


Run 10: Statistics of TCP Vegas

Start at: 2018-08-09 11:45:08
End at: 2018-08-09 11:45:38
Local clock offset: -2.218 ms
Remote clock offset: -5.894 ms

Below is generated by plot.py at 2018-08-09 12:19:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.86 Mbit/s
95th percentile per-packet one-way delay: 4.615 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.90 Mbit/s
95th percentile per-packet one-way delay: 8.104 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.42 Mbit/s
95th percentile per-packet one-way delay: 4.255 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 35.23 Mbit/s
95th percentile per-packet one-way delay: 4.408 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

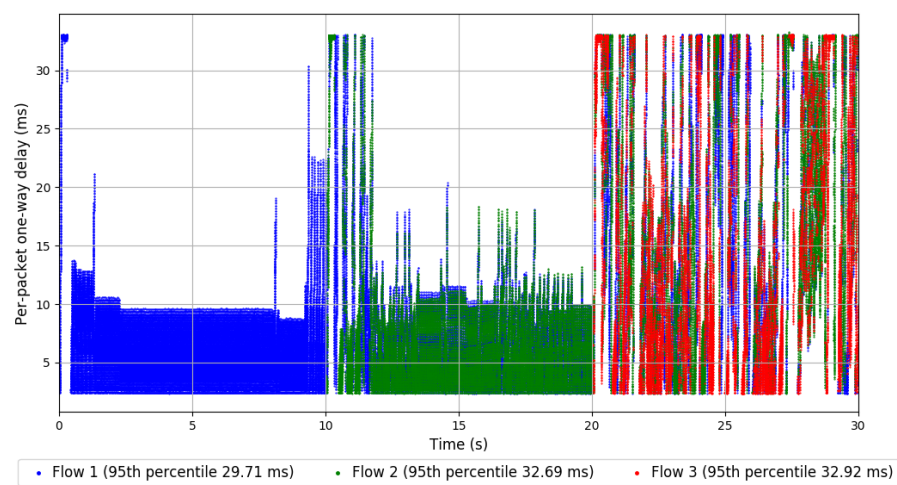
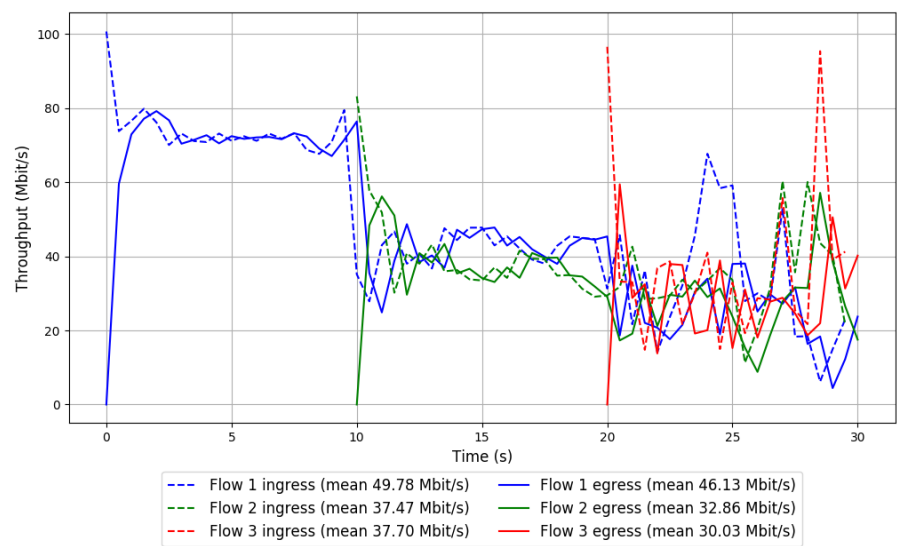


Run 1: Statistics of Verus

Start at: 2018-08-09 08:44:24
End at: 2018-08-09 08:44:54
Local clock offset: -1.261 ms
Remote clock offset: -7.809 ms

Below is generated by plot.py at 2018-08-09 12:19:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.90 Mbit/s
95th percentile per-packet one-way delay: 32.340 ms
Loss rate: 10.57%
-- Flow 1:
Average throughput: 46.13 Mbit/s
95th percentile per-packet one-way delay: 29.714 ms
Loss rate: 7.33%
-- Flow 2:
Average throughput: 32.86 Mbit/s
95th percentile per-packet one-way delay: 32.692 ms
Loss rate: 12.16%
-- Flow 3:
Average throughput: 30.03 Mbit/s
95th percentile per-packet one-way delay: 32.920 ms
Loss rate: 20.30%

Run 1: Report of Verus — Data Link

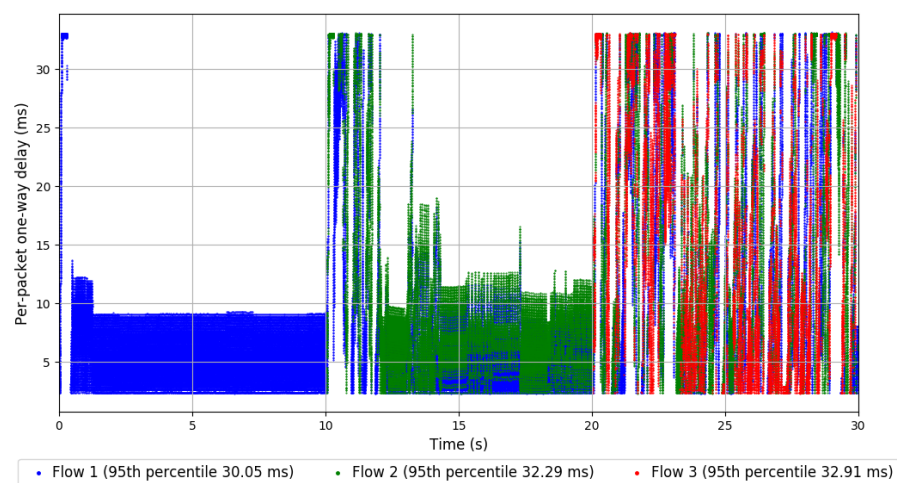
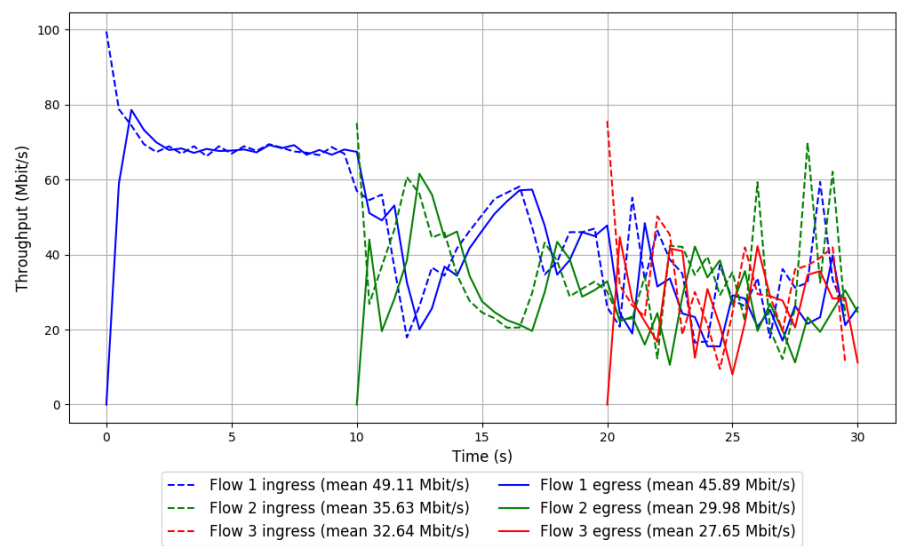


Run 2: Statistics of Verus

Start at: 2018-08-09 09:03:36
End at: 2018-08-09 09:04:06
Local clock offset: -2.661 ms
Remote clock offset: -7.017 ms

Below is generated by plot.py at 2018-08-09 12:19:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.95 Mbit/s
95th percentile per-packet one-way delay: 31.840 ms
Loss rate: 10.27%
-- Flow 1:
Average throughput: 45.89 Mbit/s
95th percentile per-packet one-way delay: 30.054 ms
Loss rate: 6.54%
-- Flow 2:
Average throughput: 29.98 Mbit/s
95th percentile per-packet one-way delay: 32.289 ms
Loss rate: 15.83%
-- Flow 3:
Average throughput: 27.65 Mbit/s
95th percentile per-packet one-way delay: 32.913 ms
Loss rate: 15.07%

Run 2: Report of Verus — Data Link

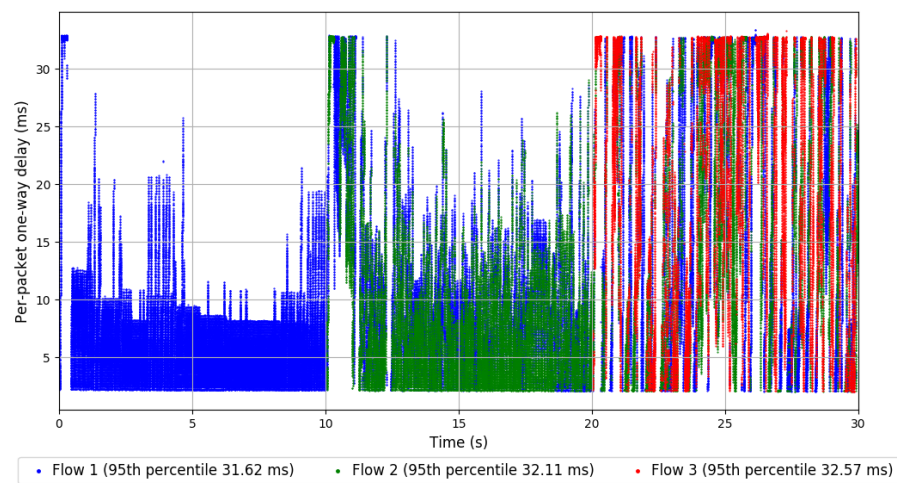
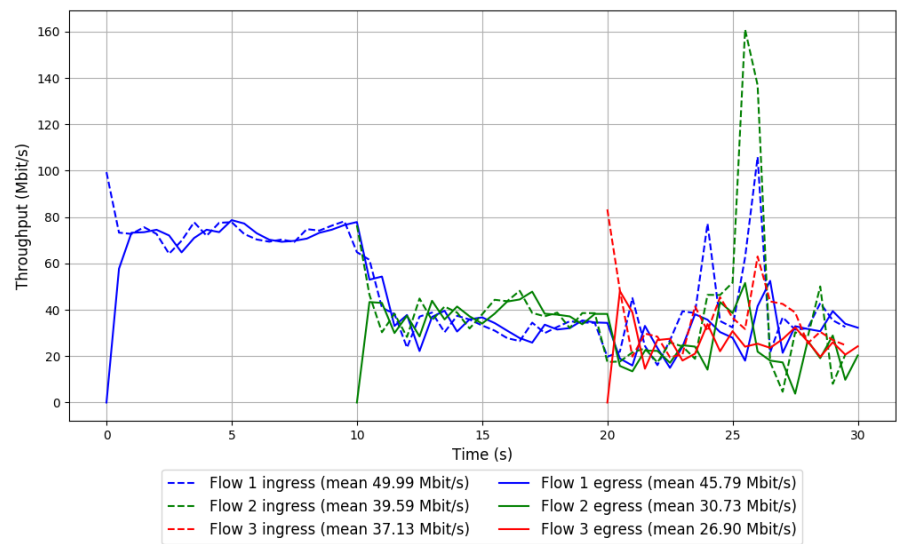


Run 3: Statistics of Verus

Start at: 2018-08-09 09:22:47
End at: 2018-08-09 09:23:17
Local clock offset: -3.262 ms
Remote clock offset: -3.752 ms

Below is generated by plot.py at 2018-08-09 12:19:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.10 Mbit/s
95th percentile per-packet one-way delay: 32.281 ms
Loss rate: 15.14%
-- Flow 1:
Average throughput: 45.79 Mbit/s
95th percentile per-packet one-way delay: 31.625 ms
Loss rate: 8.37%
-- Flow 2:
Average throughput: 30.73 Mbit/s
95th percentile per-packet one-way delay: 32.108 ms
Loss rate: 22.34%
-- Flow 3:
Average throughput: 26.90 Mbit/s
95th percentile per-packet one-way delay: 32.566 ms
Loss rate: 27.32%

Run 3: Report of Verus — Data Link

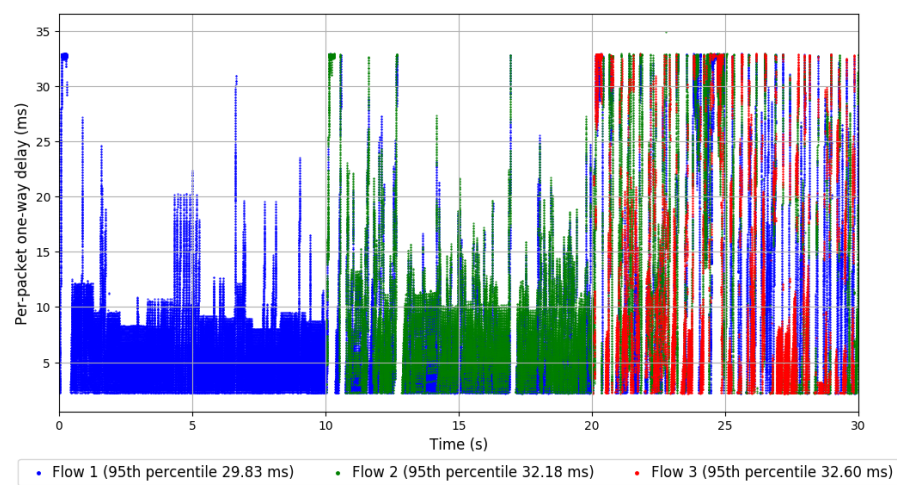
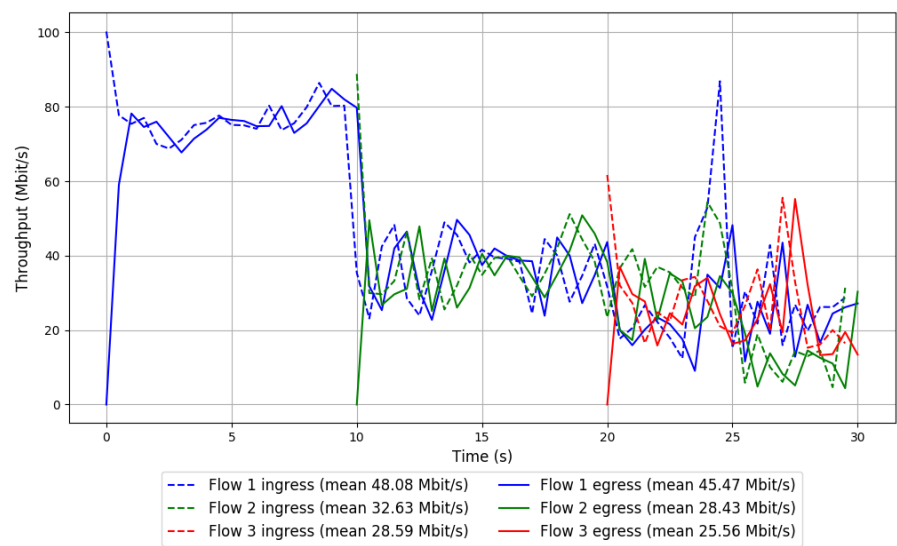


Run 4: Statistics of Verus

Start at: 2018-08-09 09:41:59
End at: 2018-08-09 09:42:29
Local clock offset: -3.729 ms
Remote clock offset: -0.466 ms

Below is generated by plot.py at 2018-08-09 12:19:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.76 Mbit/s
95th percentile per-packet one-way delay: 31.380 ms
Loss rate: 7.96%
-- Flow 1:
Average throughput: 45.47 Mbit/s
95th percentile per-packet one-way delay: 29.827 ms
Loss rate: 5.35%
-- Flow 2:
Average throughput: 28.43 Mbit/s
95th percentile per-packet one-way delay: 32.178 ms
Loss rate: 12.73%
-- Flow 3:
Average throughput: 25.56 Mbit/s
95th percentile per-packet one-way delay: 32.597 ms
Loss rate: 10.33%

Run 4: Report of Verus — Data Link

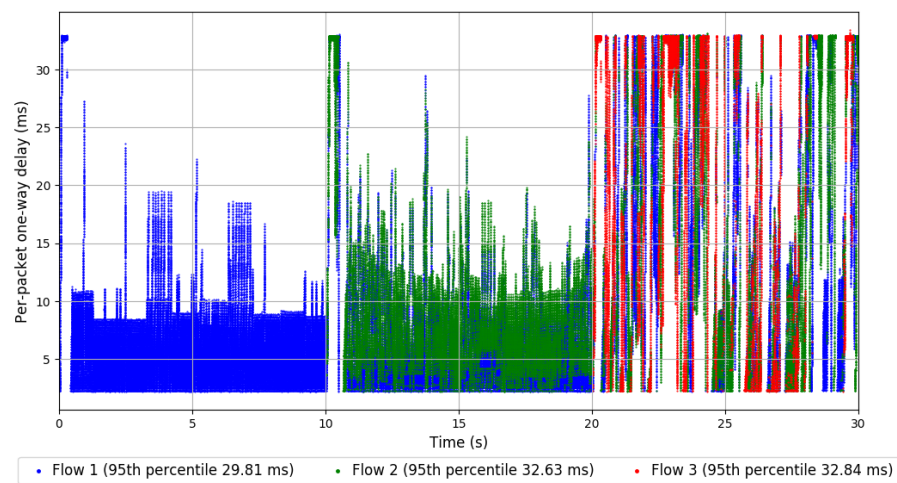
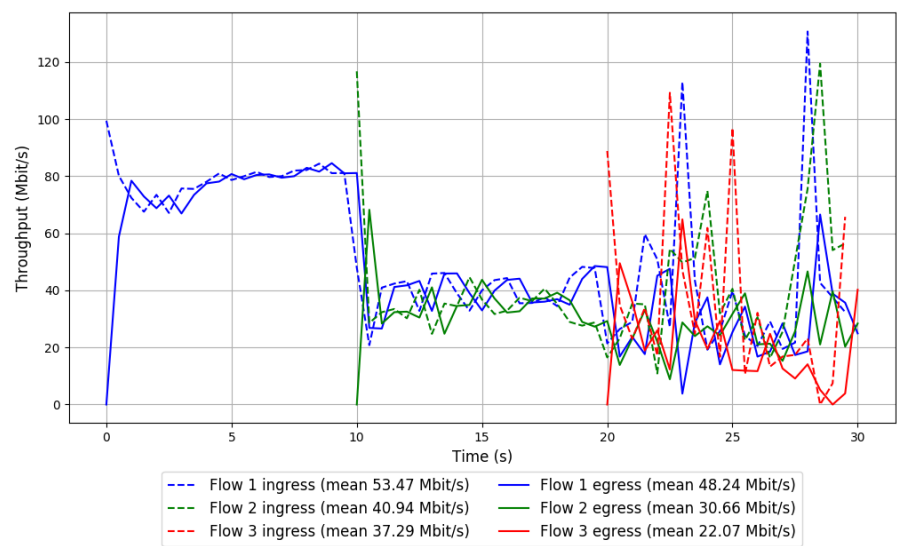


Run 5: Statistics of Verus

Start at: 2018-08-09 10:01:11
End at: 2018-08-09 10:01:41
Local clock offset: -2.63 ms
Remote clock offset: -0.832 ms

Below is generated by plot.py at 2018-08-09 12:19:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.77 Mbit/s
95th percentile per-packet one-way delay: 32.625 ms
Loss rate: 18.45%
-- Flow 1:
Average throughput: 48.24 Mbit/s
95th percentile per-packet one-way delay: 29.814 ms
Loss rate: 9.70%
-- Flow 2:
Average throughput: 30.66 Mbit/s
95th percentile per-packet one-way delay: 32.626 ms
Loss rate: 25.01%
-- Flow 3:
Average throughput: 22.07 Mbit/s
95th percentile per-packet one-way delay: 32.839 ms
Loss rate: 41.77%

Run 5: Report of Verus — Data Link

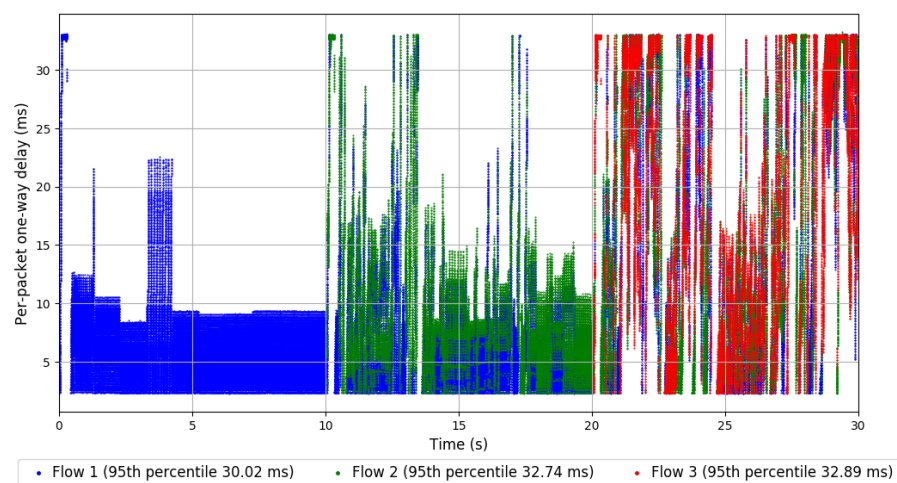
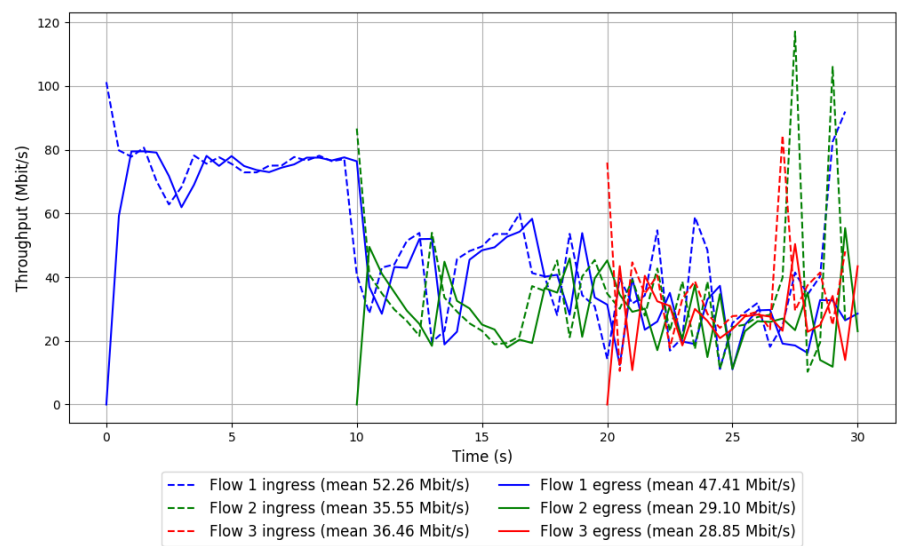


Run 6: Statistics of Verus

Start at: 2018-08-09 10:20:23
End at: 2018-08-09 10:20:53
Local clock offset: -2.668 ms
Remote clock offset: -0.254 ms

Below is generated by plot.py at 2018-08-09 12:19:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.24 Mbit/s
95th percentile per-packet one-way delay: 32.509 ms
Loss rate: 13.15%
-- Flow 1:
Average throughput: 47.41 Mbit/s
95th percentile per-packet one-way delay: 30.017 ms
Loss rate: 9.19%
-- Flow 2:
Average throughput: 29.10 Mbit/s
95th percentile per-packet one-way delay: 32.742 ms
Loss rate: 18.03%
-- Flow 3:
Average throughput: 28.85 Mbit/s
95th percentile per-packet one-way delay: 32.891 ms
Loss rate: 20.68%

Run 6: Report of Verus — Data Link

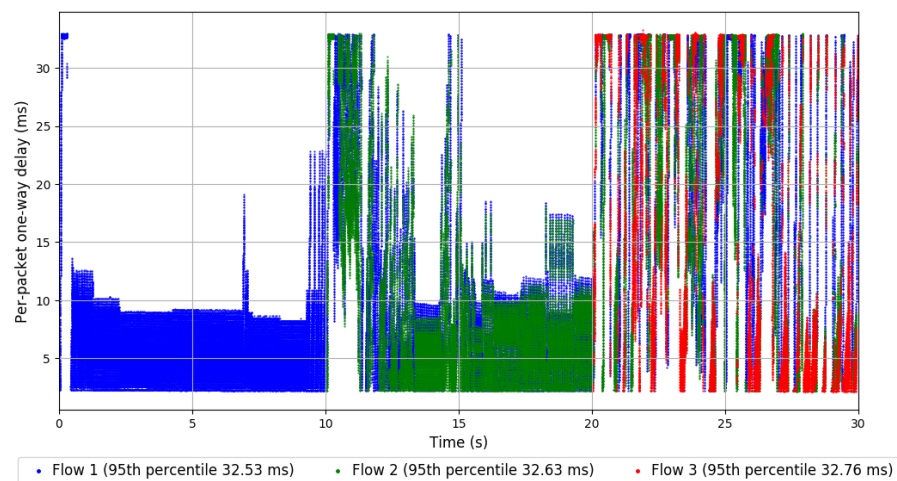
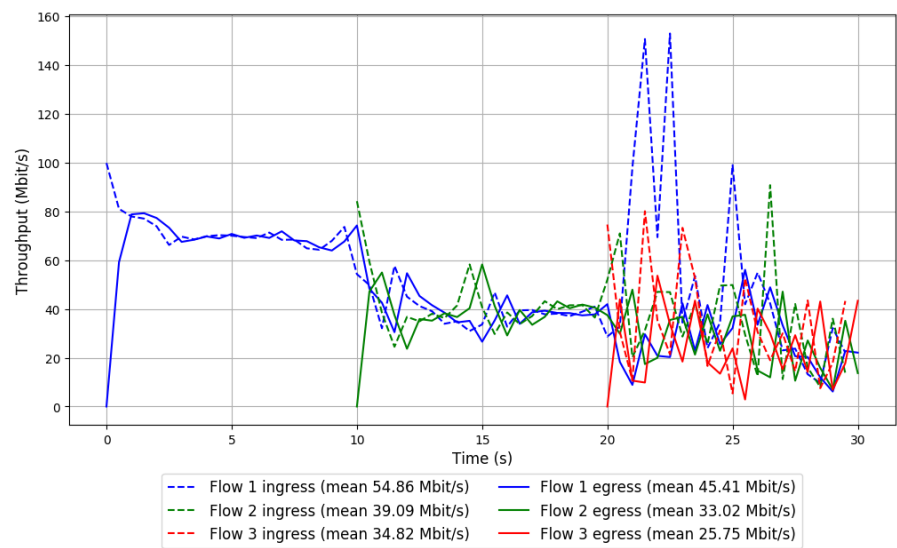


Run 7: Statistics of Verus

Start at: 2018-08-09 10:39:34
End at: 2018-08-09 10:40:04
Local clock offset: -2.829 ms
Remote clock offset: 6.51 ms

Below is generated by plot.py at 2018-08-09 12:20:07
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.94 Mbit/s
95th percentile per-packet one-way delay: 32.614 ms
Loss rate: 17.75%
-- Flow 1:
Average throughput: 45.41 Mbit/s
95th percentile per-packet one-way delay: 32.528 ms
Loss rate: 17.16%
-- Flow 2:
Average throughput: 33.02 Mbit/s
95th percentile per-packet one-way delay: 32.628 ms
Loss rate: 15.41%
-- Flow 3:
Average throughput: 25.75 Mbit/s
95th percentile per-packet one-way delay: 32.763 ms
Loss rate: 25.88%

Run 7: Report of Verus — Data Link

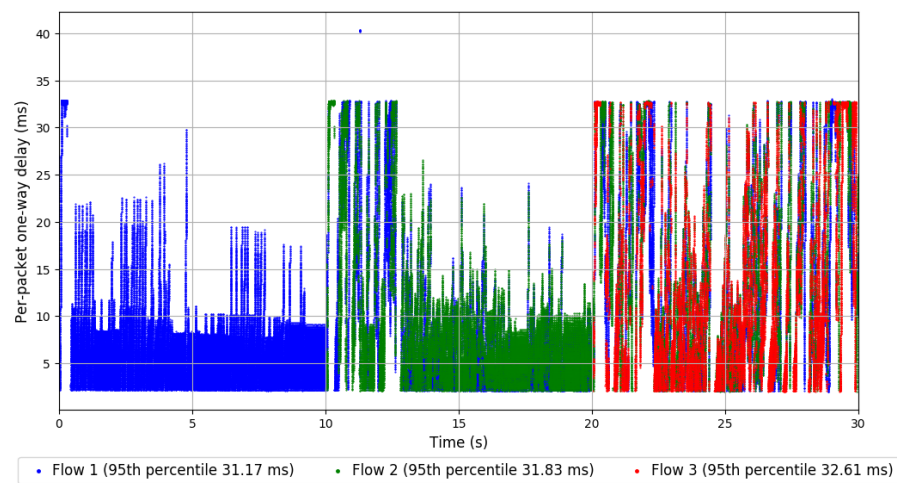
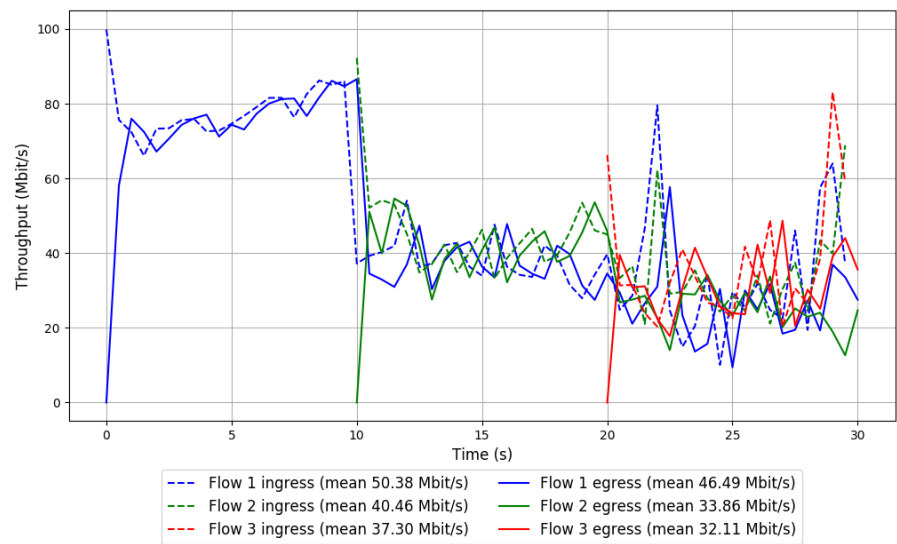


Run 8: Statistics of Verus

Start at: 2018-08-09 10:58:45
End at: 2018-08-09 10:59:15
Local clock offset: -7.344 ms
Remote clock offset: 9.68 ms

Below is generated by plot.py at 2018-08-09 12:20:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.63 Mbit/s
95th percentile per-packet one-way delay: 32.122 ms
Loss rate: 11.06%
-- Flow 1:
Average throughput: 46.49 Mbit/s
95th percentile per-packet one-way delay: 31.167 ms
Loss rate: 7.67%
-- Flow 2:
Average throughput: 33.86 Mbit/s
95th percentile per-packet one-way delay: 31.826 ms
Loss rate: 16.23%
-- Flow 3:
Average throughput: 32.11 Mbit/s
95th percentile per-packet one-way delay: 32.609 ms
Loss rate: 13.66%

Run 8: Report of Verus — Data Link

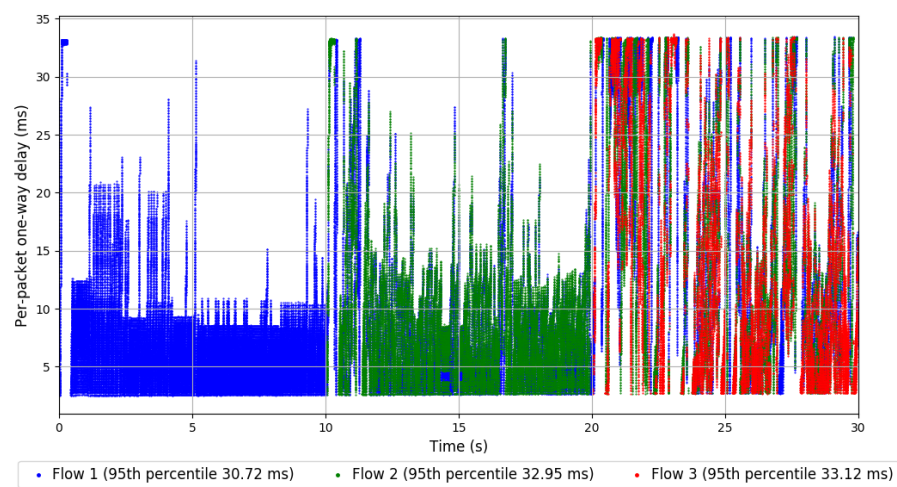
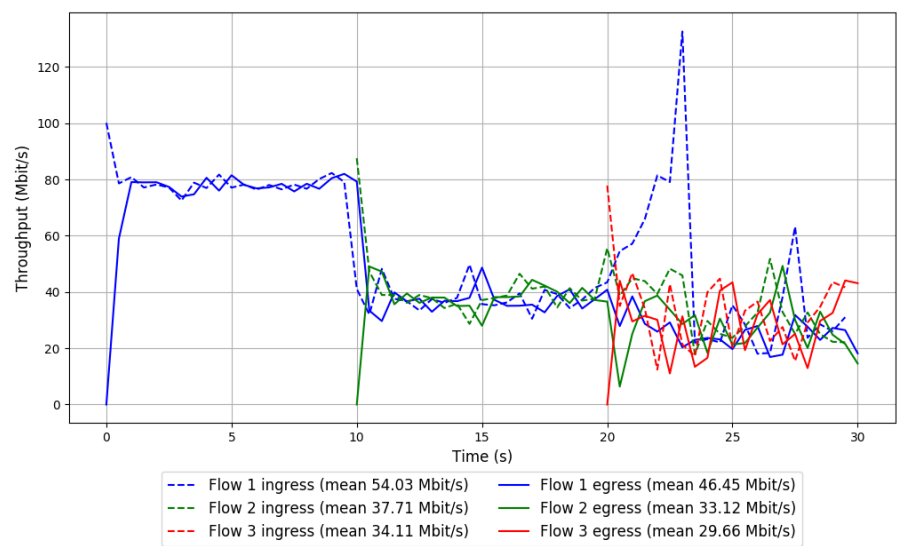


Run 9: Statistics of Verus

Start at: 2018-08-09 11:17:58
End at: 2018-08-09 11:18:28
Local clock offset: -7.729 ms
Remote clock offset: 12.217 ms

Below is generated by plot.py at 2018-08-09 12:20:16
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.31 Mbit/s
95th percentile per-packet one-way delay: 32.265 ms
Loss rate: 13.35%
-- Flow 1:
Average throughput: 46.45 Mbit/s
95th percentile per-packet one-way delay: 30.719 ms
Loss rate: 13.99%
-- Flow 2:
Average throughput: 33.12 Mbit/s
95th percentile per-packet one-way delay: 32.948 ms
Loss rate: 12.13%
-- Flow 3:
Average throughput: 29.66 Mbit/s
95th percentile per-packet one-way delay: 33.123 ms
Loss rate: 12.99%

Run 9: Report of Verus — Data Link



Run 10: Statistics of Verus

Start at: 2018-08-09 11:37:10

End at: 2018-08-09 11:37:40

Local clock offset: -2.75 ms

Remote clock offset: 2.239 ms

Below is generated by plot.py at 2018-08-09 12:20:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 75.26 Mbit/s

95th percentile per-packet one-way delay: 32.049 ms

Loss rate: 7.92%

-- Flow 1:

Average throughput: 44.77 Mbit/s

95th percentile per-packet one-way delay: 30.479 ms

Loss rate: 5.51%

-- Flow 2:

Average throughput: 33.30 Mbit/s

95th percentile per-packet one-way delay: 31.810 ms

Loss rate: 6.19%

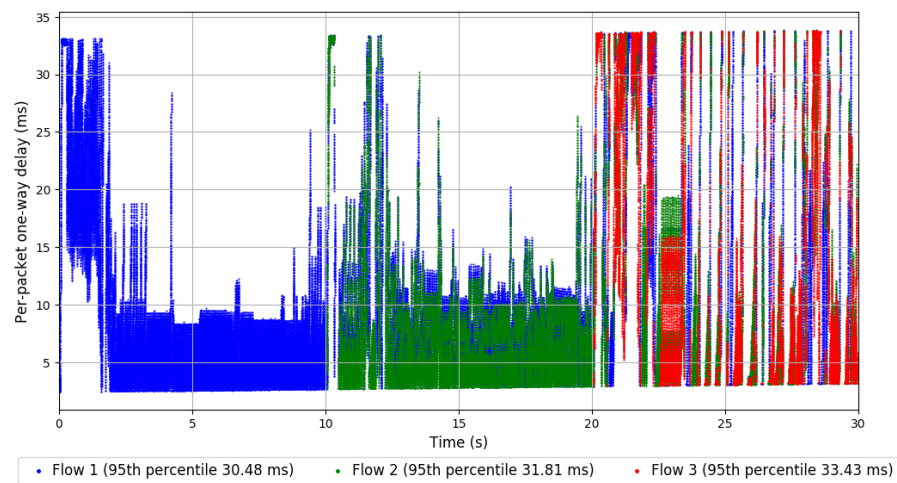
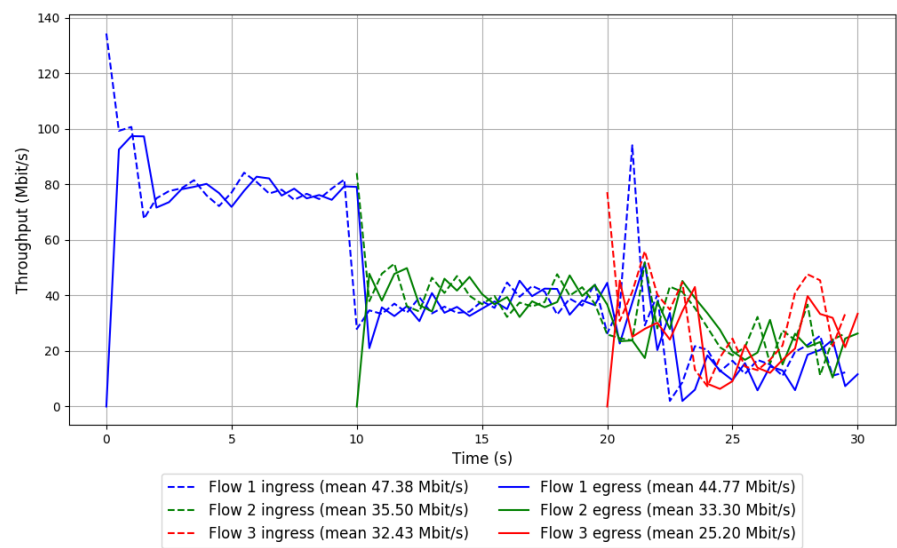
-- Flow 3:

Average throughput: 25.20 Mbit/s

95th percentile per-packet one-way delay: 33.431 ms

Loss rate: 22.37%

Run 10: Report of Verus — Data Link



Run 1: Statistics of PCC-Vivace

Start at: 2018-08-09 08:55:47

End at: 2018-08-09 08:56:17

Local clock offset: -2.287 ms

Remote clock offset: -7.12 ms

Below is generated by plot.py at 2018-08-09 12:20:37

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.13 Mbit/s

95th percentile per-packet one-way delay: 3.651 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 57.98 Mbit/s

95th percentile per-packet one-way delay: 2.845 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 35.07 Mbit/s

95th percentile per-packet one-way delay: 4.654 ms

Loss rate: 0.00%

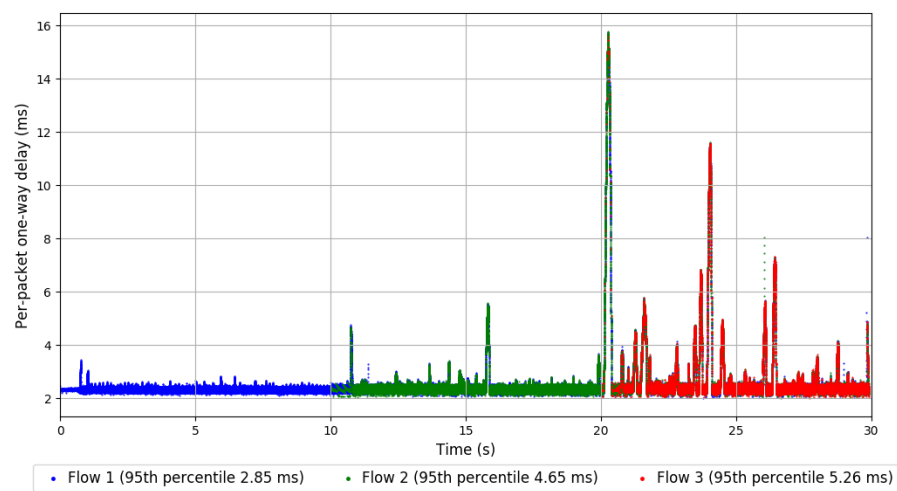
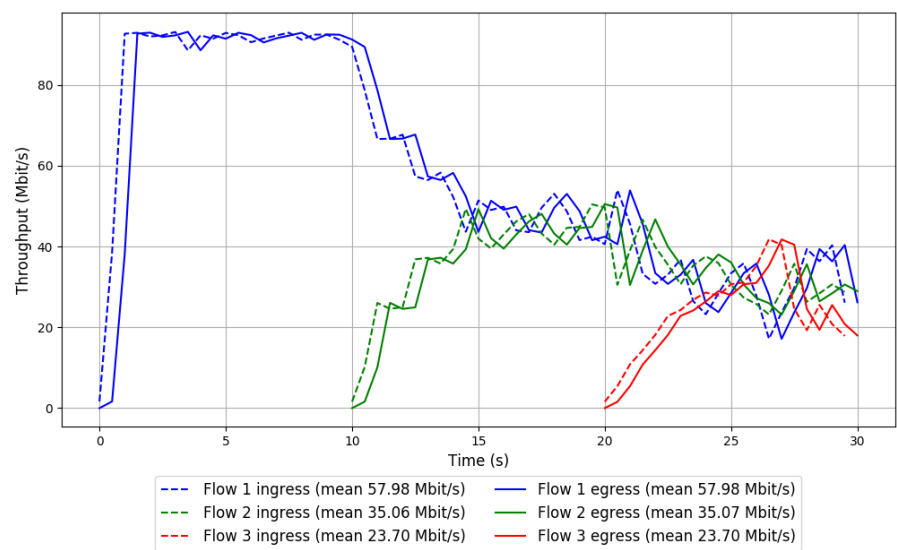
-- Flow 3:

Average throughput: 23.70 Mbit/s

95th percentile per-packet one-way delay: 5.258 ms

Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link

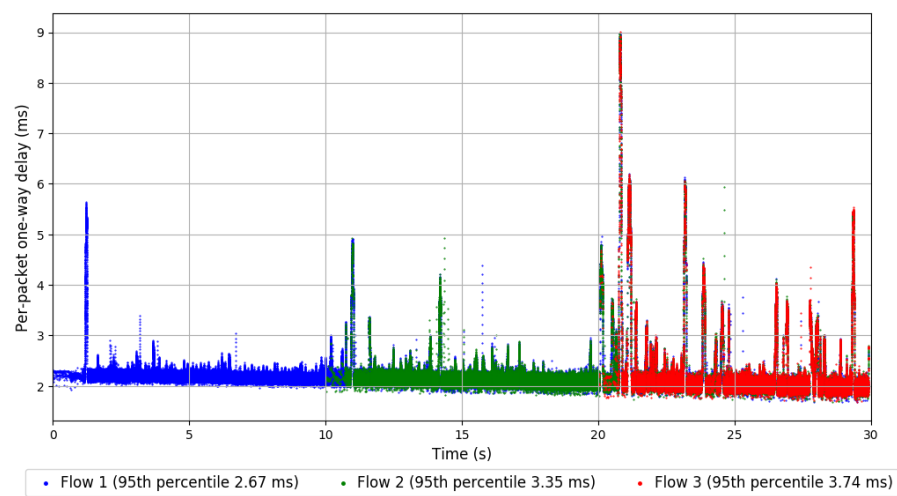
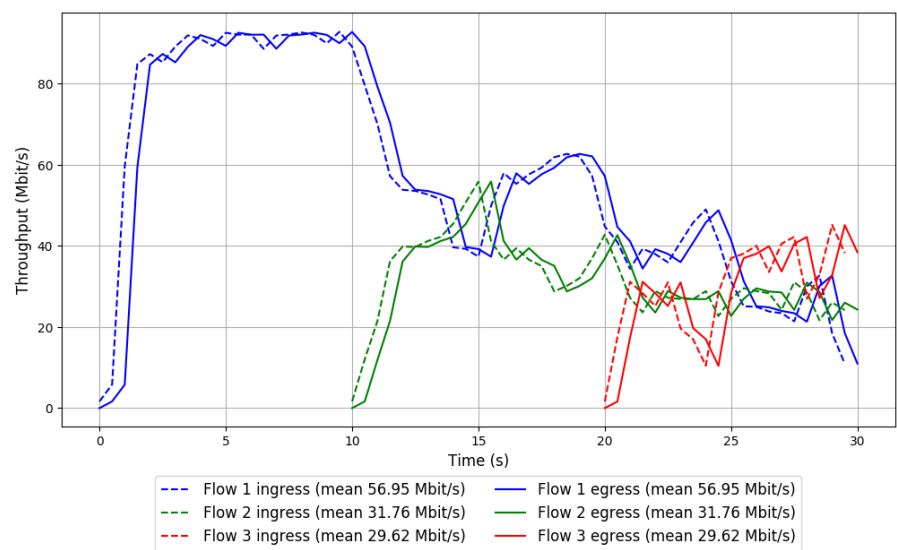


Run 2: Statistics of PCC-Vivace

Start at: 2018-08-09 09:14:59
End at: 2018-08-09 09:15:29
Local clock offset: -2.749 ms
Remote clock offset: -7.189 ms

Below is generated by plot.py at 2018-08-09 12:20:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.87 Mbit/s
95th percentile per-packet one-way delay: 3.026 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.95 Mbit/s
95th percentile per-packet one-way delay: 2.672 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.76 Mbit/s
95th percentile per-packet one-way delay: 3.353 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.62 Mbit/s
95th percentile per-packet one-way delay: 3.744 ms
Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link

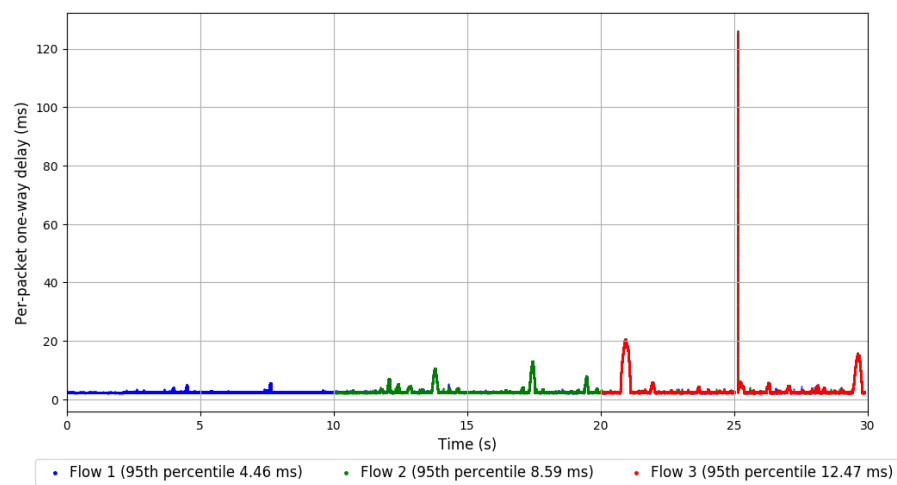
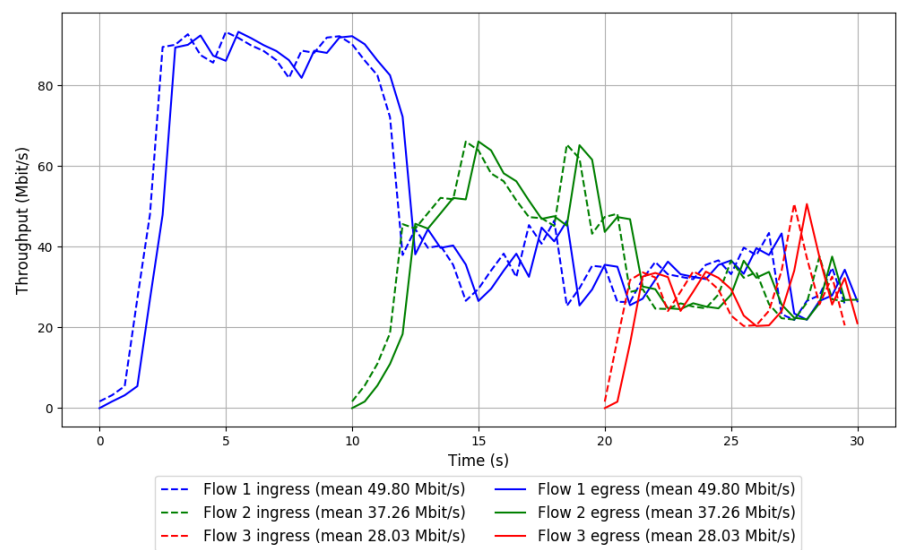


Run 3: Statistics of PCC-Vivace

Start at: 2018-08-09 09:34:10
End at: 2018-08-09 09:34:40
Local clock offset: -3.665 ms
Remote clock offset: -1.409 ms

Below is generated by plot.py at 2018-08-09 12:20:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.85 Mbit/s
95th percentile per-packet one-way delay: 5.741 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.80 Mbit/s
95th percentile per-packet one-way delay: 4.464 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.26 Mbit/s
95th percentile per-packet one-way delay: 8.589 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.03 Mbit/s
95th percentile per-packet one-way delay: 12.471 ms
Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

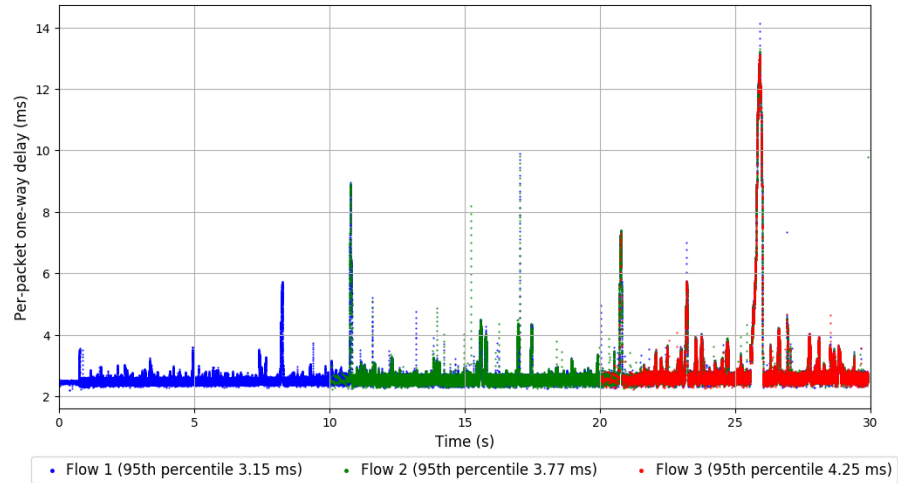
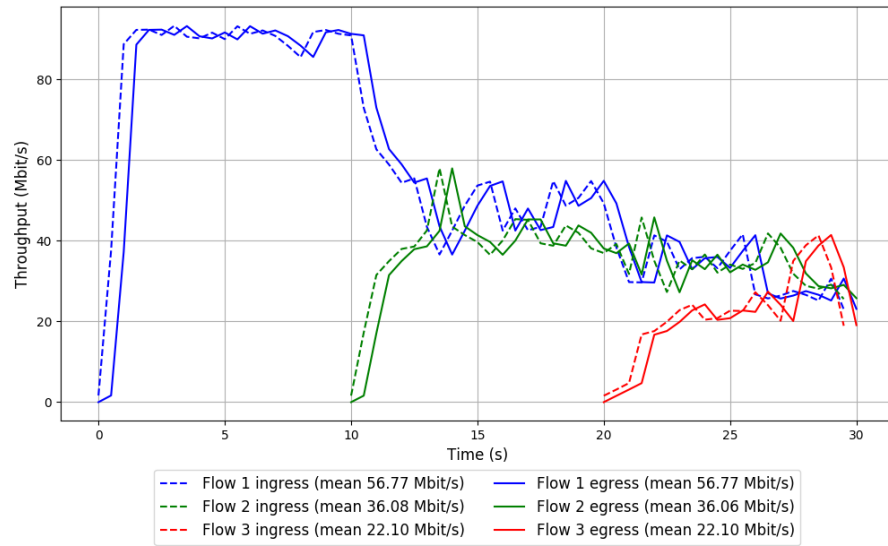


Run 4: Statistics of PCC-Vivace

Start at: 2018-08-09 09:53:22
End at: 2018-08-09 09:53:52
Local clock offset: -2.996 ms
Remote clock offset: -0.373 ms

Below is generated by plot.py at 2018-08-09 12:21:09
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.04 Mbit/s
95th percentile per-packet one-way delay: 3.487 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.77 Mbit/s
95th percentile per-packet one-way delay: 3.151 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.06 Mbit/s
95th percentile per-packet one-way delay: 3.766 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 22.10 Mbit/s
95th percentile per-packet one-way delay: 4.253 ms
Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link

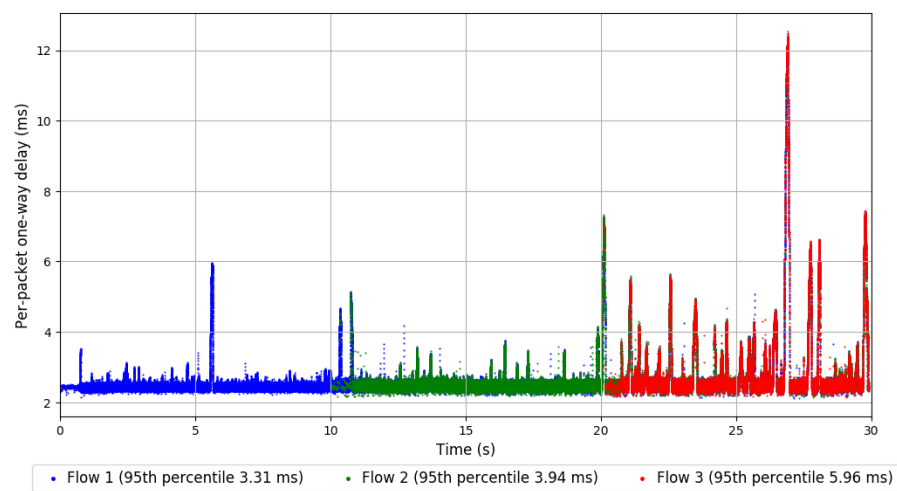
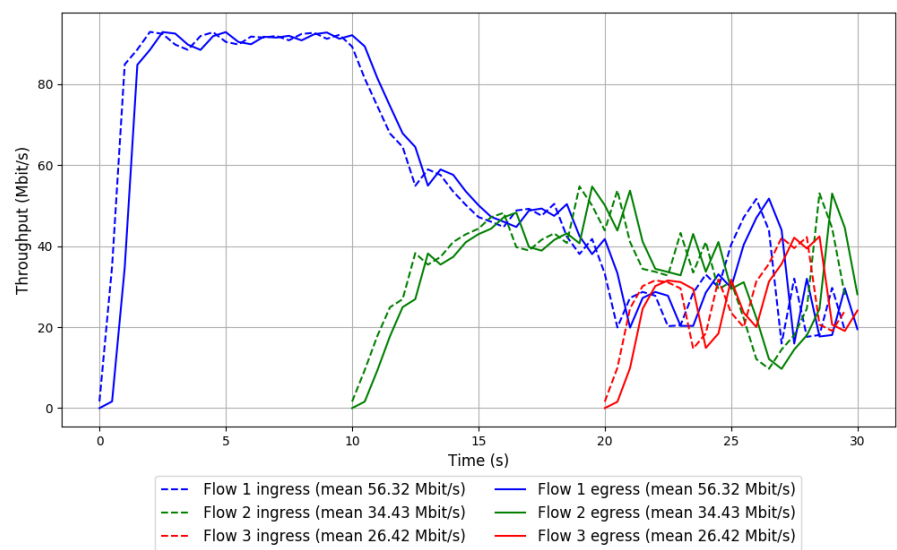


Run 5: Statistics of PCC-Vivace

Start at: 2018-08-09 10:12:34
End at: 2018-08-09 10:13:04
Local clock offset: -2.426 ms
Remote clock offset: -0.539 ms

Below is generated by plot.py at 2018-08-09 12:21:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.94 Mbit/s
95th percentile per-packet one-way delay: 3.864 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 56.32 Mbit/s
95th percentile per-packet one-way delay: 3.310 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.43 Mbit/s
95th percentile per-packet one-way delay: 3.943 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.42 Mbit/s
95th percentile per-packet one-way delay: 5.956 ms
Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link



Run 6: Statistics of PCC-Vivace

Start at: 2018-08-09 10:31:45

End at: 2018-08-09 10:32:15

Local clock offset: -2.808 ms

Remote clock offset: 4.385 ms

Below is generated by plot.py at 2018-08-09 12:21:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.50 Mbit/s

95th percentile per-packet one-way delay: 3.173 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 57.54 Mbit/s

95th percentile per-packet one-way delay: 2.630 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 31.80 Mbit/s

95th percentile per-packet one-way delay: 3.853 ms

Loss rate: 0.00%

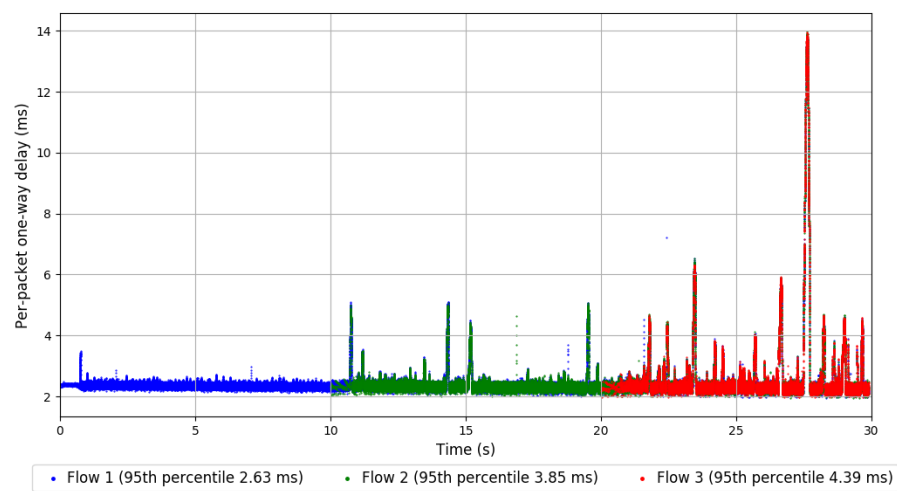
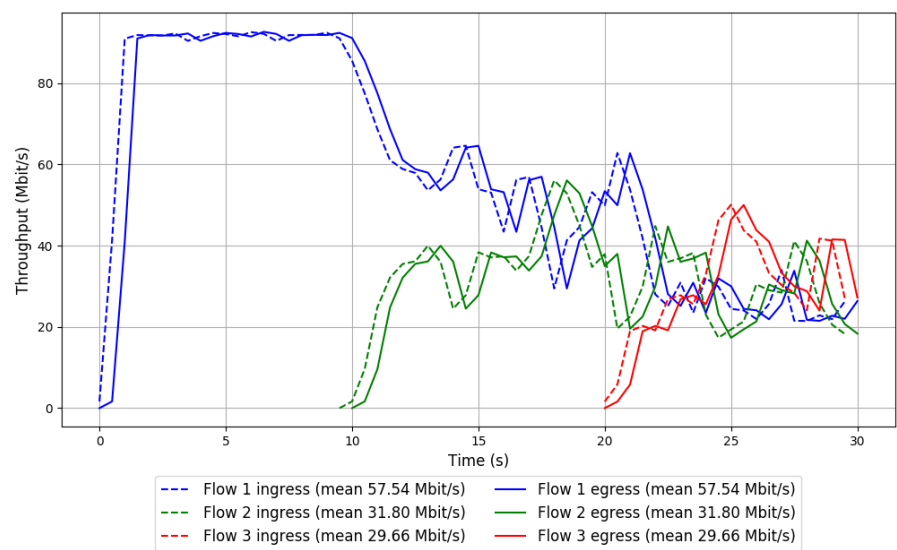
-- Flow 3:

Average throughput: 29.66 Mbit/s

95th percentile per-packet one-way delay: 4.392 ms

Loss rate: 0.00%

Run 6: Report of PCC-Vivace — Data Link



Run 7: Statistics of PCC-Vivace

Start at: 2018-08-09 10:50:56

End at: 2018-08-09 10:51:26

Local clock offset: -5.281 ms

Remote clock offset: 8.542 ms

Below is generated by plot.py at 2018-08-09 12:21:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.27 Mbit/s

95th percentile per-packet one-way delay: 6.960 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 54.71 Mbit/s

95th percentile per-packet one-way delay: 5.744 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 38.64 Mbit/s

95th percentile per-packet one-way delay: 5.923 ms

Loss rate: 0.08%

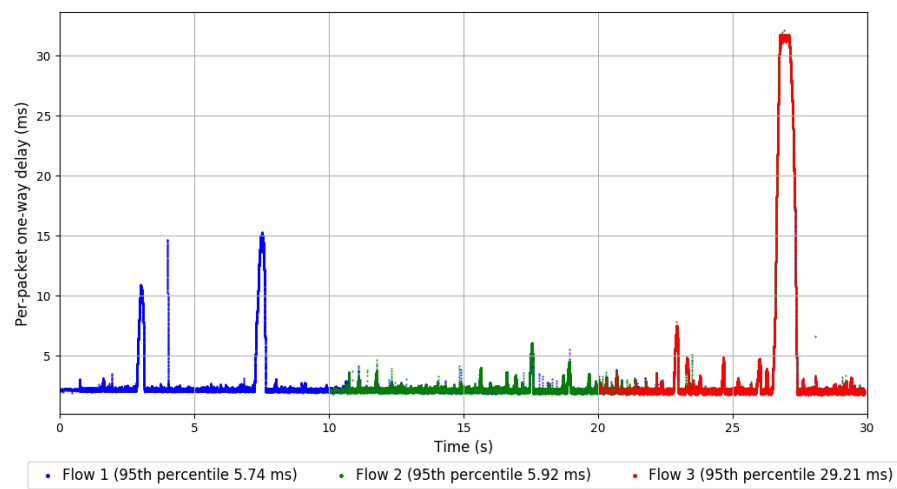
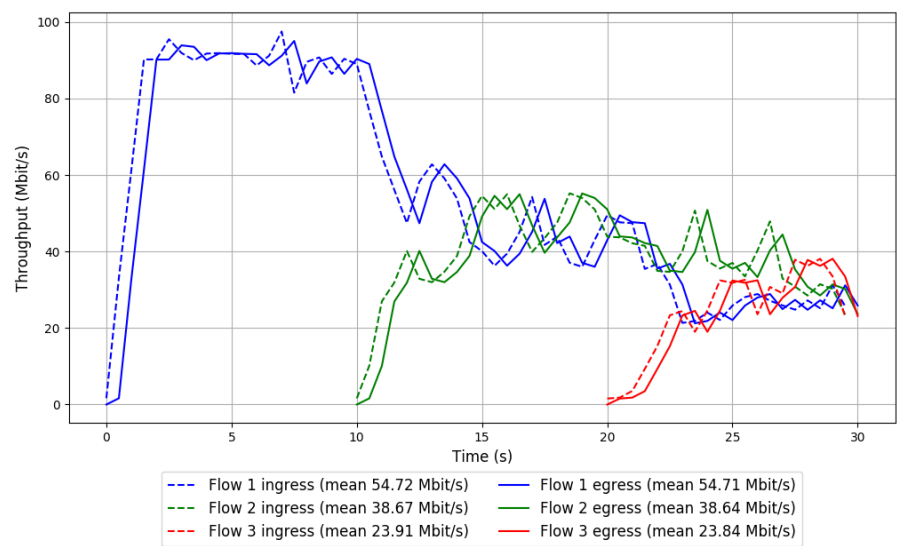
-- Flow 3:

Average throughput: 23.84 Mbit/s

95th percentile per-packet one-way delay: 29.212 ms

Loss rate: 0.27%

Run 7: Report of PCC-Vivace — Data Link



Run 8: Statistics of PCC-Vivace

Start at: 2018-08-09 11:10:09

End at: 2018-08-09 11:10:39

Local clock offset: -8.967 ms

Remote clock offset: 11.22 ms

Below is generated by plot.py at 2018-08-09 12:21:31

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.24 Mbit/s

95th percentile per-packet one-way delay: 3.178 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 59.17 Mbit/s

95th percentile per-packet one-way delay: 2.940 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 31.64 Mbit/s

95th percentile per-packet one-way delay: 3.282 ms

Loss rate: 0.00%

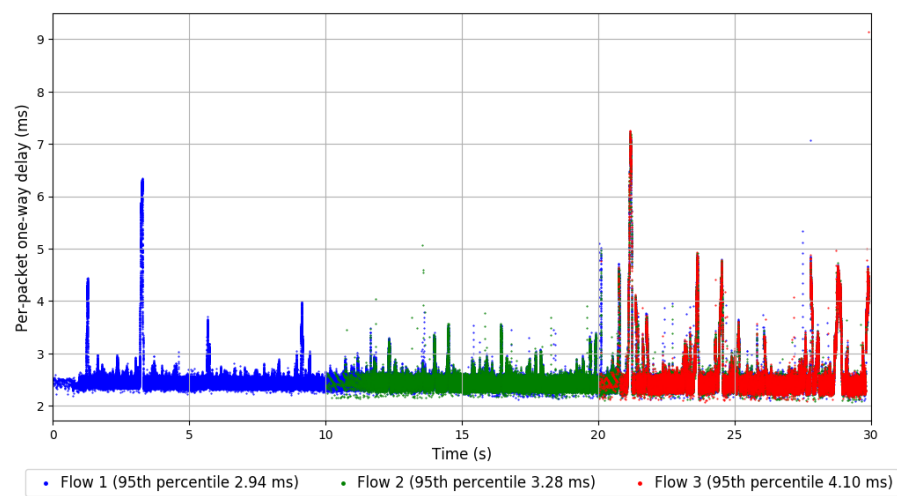
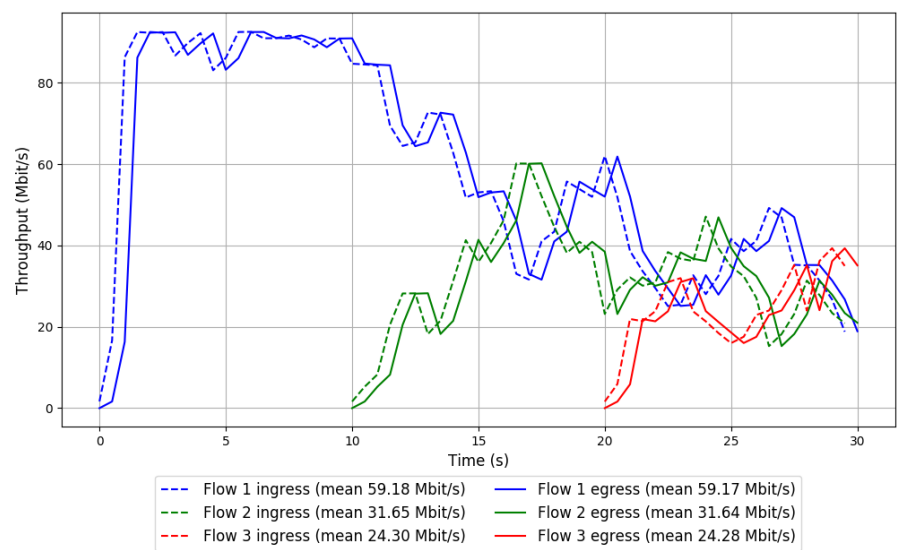
-- Flow 3:

Average throughput: 24.28 Mbit/s

95th percentile per-packet one-way delay: 4.098 ms

Loss rate: 0.01%

Run 8: Report of PCC-Vivace — Data Link

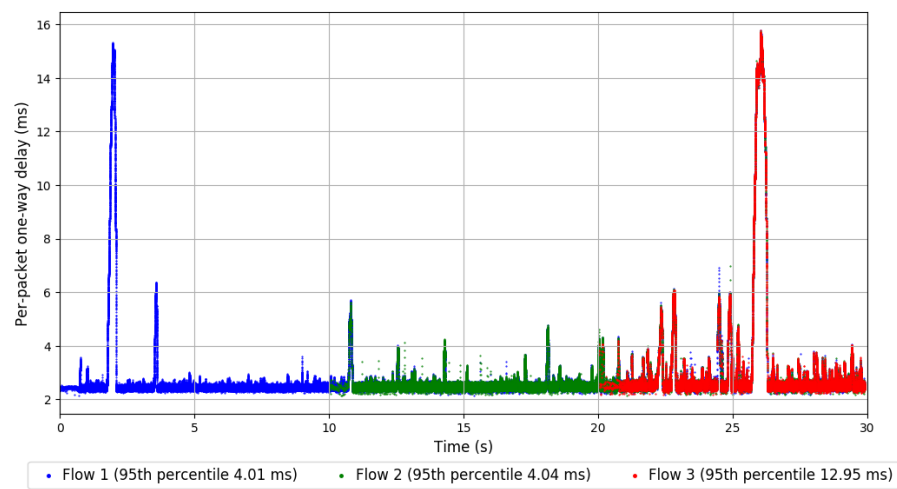
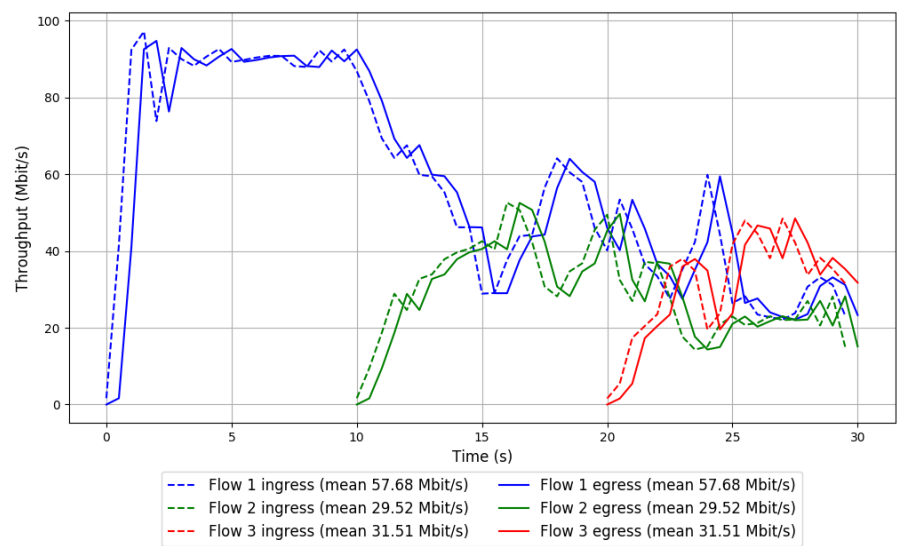


Run 9: Statistics of PCC-Vivace

Start at: 2018-08-09 11:29:21
End at: 2018-08-09 11:29:51
Local clock offset: -3.686 ms
Remote clock offset: 13.608 ms

Below is generated by plot.py at 2018-08-09 12:21:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.72 Mbit/s
95th percentile per-packet one-way delay: 4.587 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.68 Mbit/s
95th percentile per-packet one-way delay: 4.013 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 29.52 Mbit/s
95th percentile per-packet one-way delay: 4.039 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.51 Mbit/s
95th percentile per-packet one-way delay: 12.950 ms
Loss rate: 0.00%

Run 9: Report of PCC-Vivace — Data Link

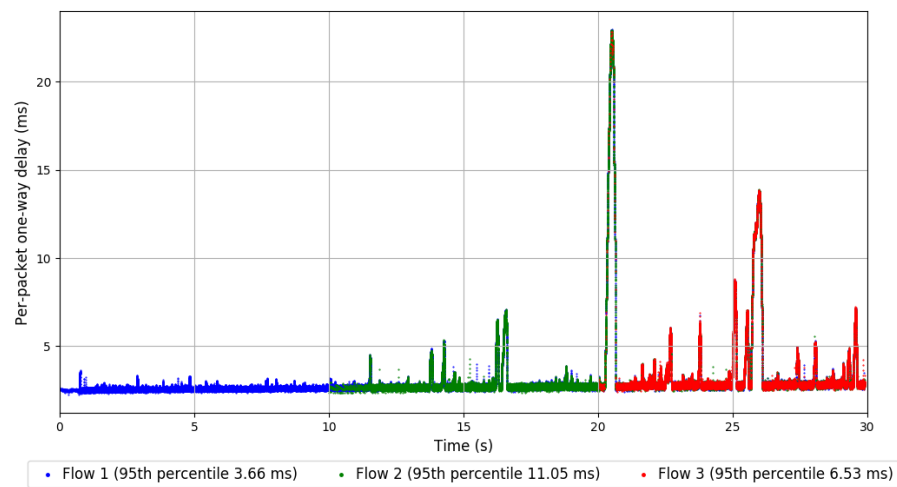
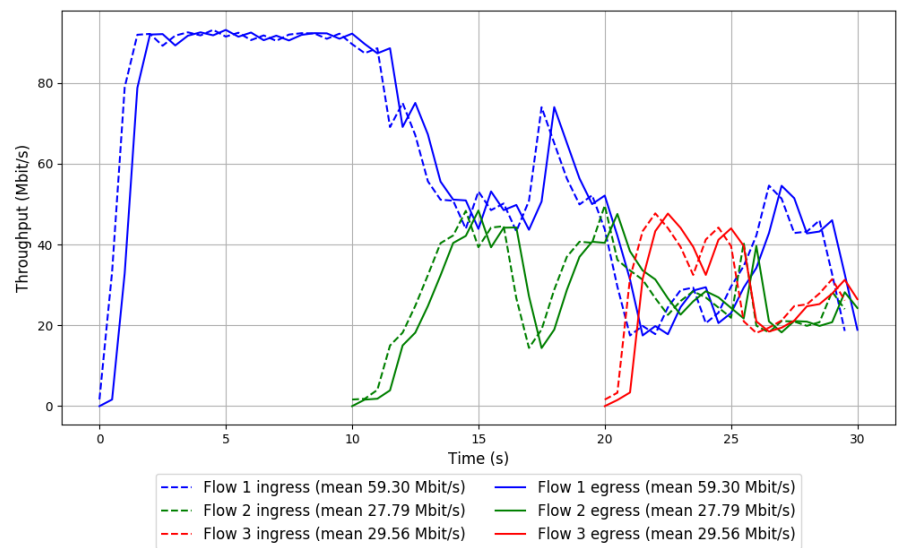


Run 10: Statistics of PCC-Vivace

Start at: 2018-08-09 11:48:33
End at: 2018-08-09 11:49:03
Local clock offset: -2.152 ms
Remote clock offset: -8.002 ms

Below is generated by plot.py at 2018-08-09 12:21:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.55 Mbit/s
95th percentile per-packet one-way delay: 5.158 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 59.30 Mbit/s
95th percentile per-packet one-way delay: 3.661 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 27.79 Mbit/s
95th percentile per-packet one-way delay: 11.052 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.56 Mbit/s
95th percentile per-packet one-way delay: 6.531 ms
Loss rate: 0.00%

Run 10: Report of PCC-Vivace — Data Link

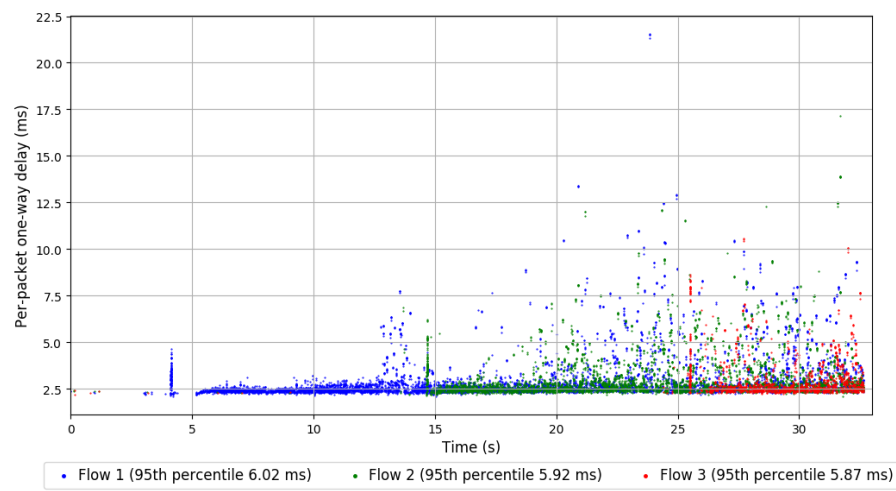
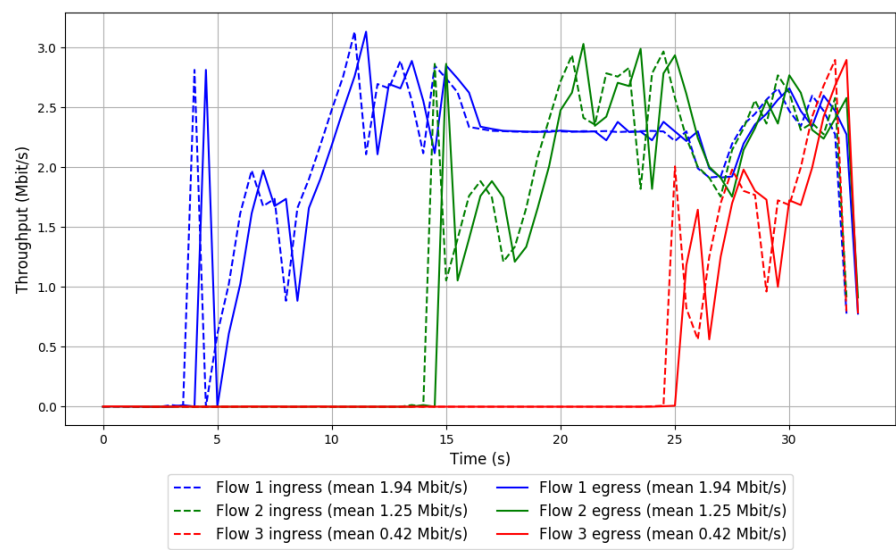


Run 1: Statistics of WebRTC media

Start at: 2018-08-09 08:59:13
End at: 2018-08-09 08:59:43
Local clock offset: -2.464 ms
Remote clock offset: -7.119 ms

Below is generated by plot.py at 2018-08-09 12:21:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.60 Mbit/s
95th percentile per-packet one-way delay: 5.920 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.94 Mbit/s
95th percentile per-packet one-way delay: 6.018 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.25 Mbit/s
95th percentile per-packet one-way delay: 5.916 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 5.871 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-08-09 09:18:25

End at: 2018-08-09 09:18:55

Local clock offset: -3.061 ms

Remote clock offset: -5.31 ms

Below is generated by plot.py at 2018-08-09 12:21:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.60 Mbit/s

95th percentile per-packet one-way delay: 5.340 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.92 Mbit/s

95th percentile per-packet one-way delay: 5.119 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.25 Mbit/s

95th percentile per-packet one-way delay: 5.334 ms

Loss rate: 0.00%

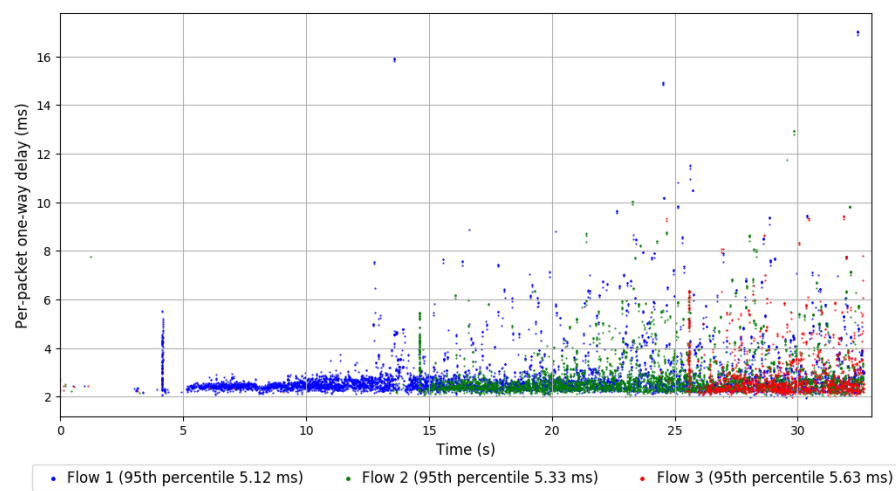
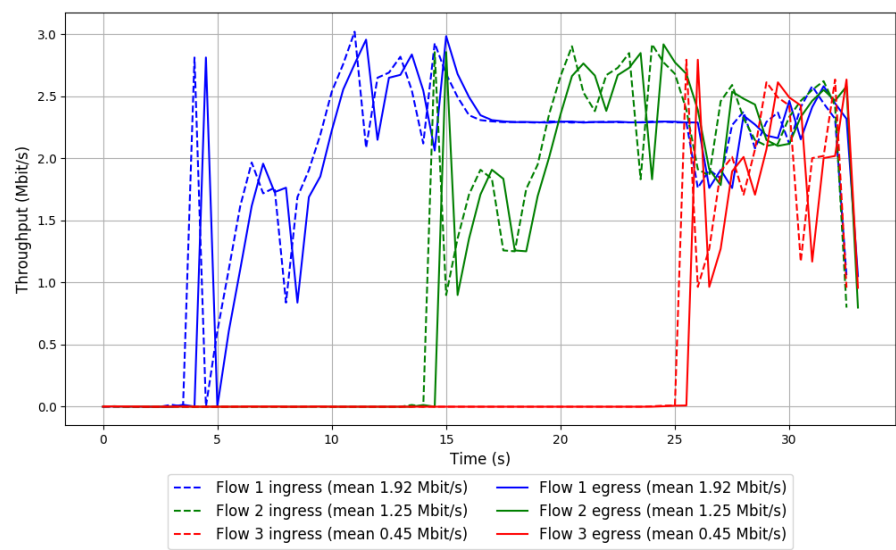
-- Flow 3:

Average throughput: 0.45 Mbit/s

95th percentile per-packet one-way delay: 5.631 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

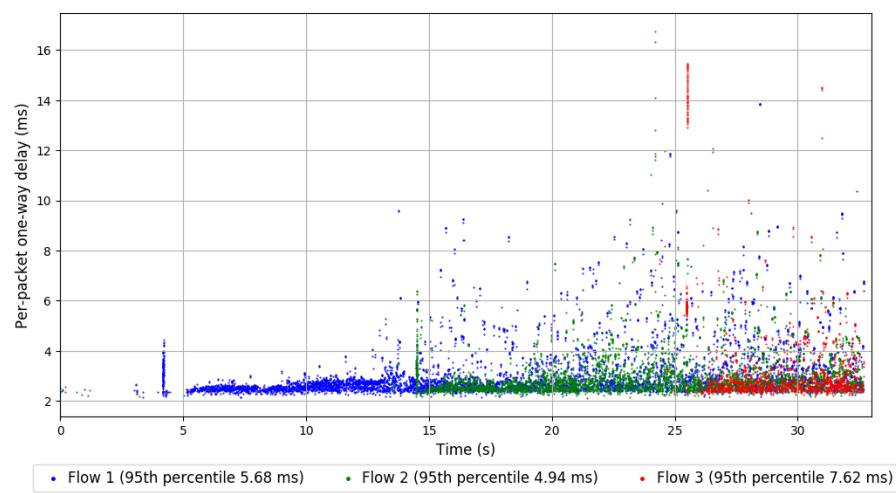
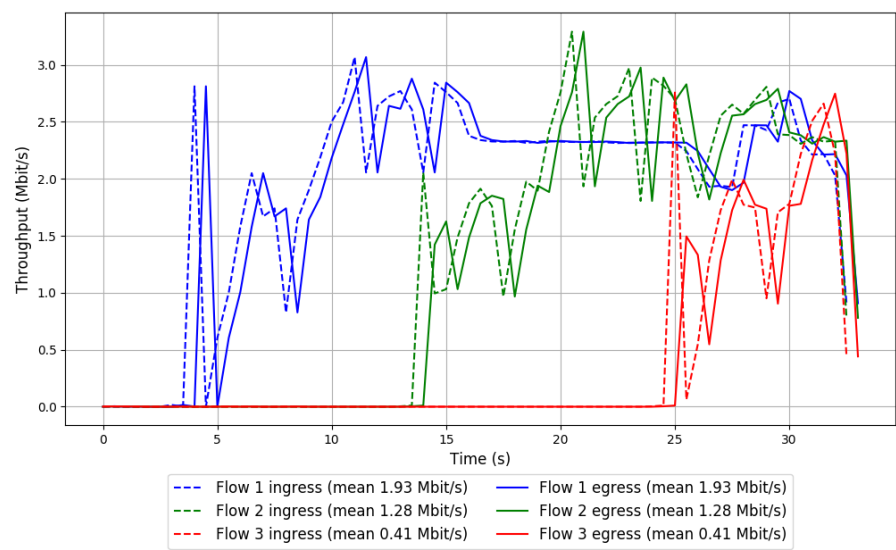


Run 3: Statistics of WebRTC media

Start at: 2018-08-09 09:37:36
End at: 2018-08-09 09:38:06
Local clock offset: -3.735 ms
Remote clock offset: -1.011 ms

Below is generated by plot.py at 2018-08-09 12:21:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 5.656 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.93 Mbit/s
95th percentile per-packet one-way delay: 5.683 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 4.939 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 7.619 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

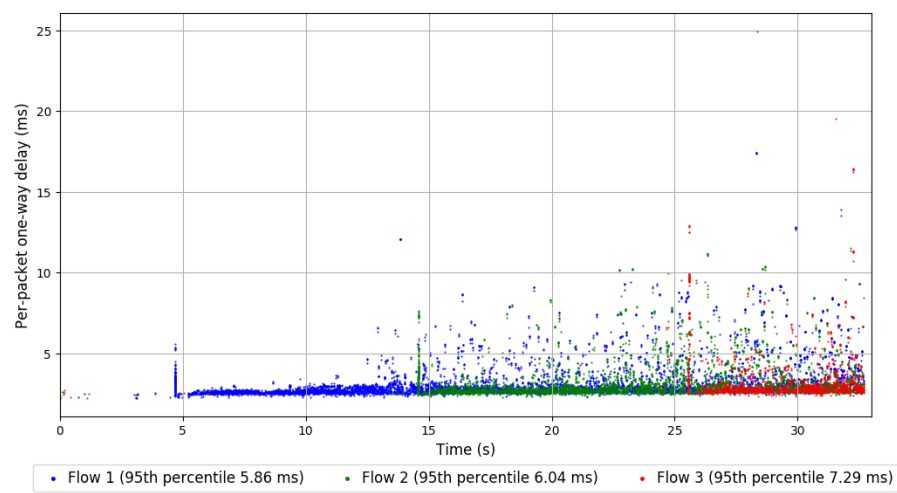
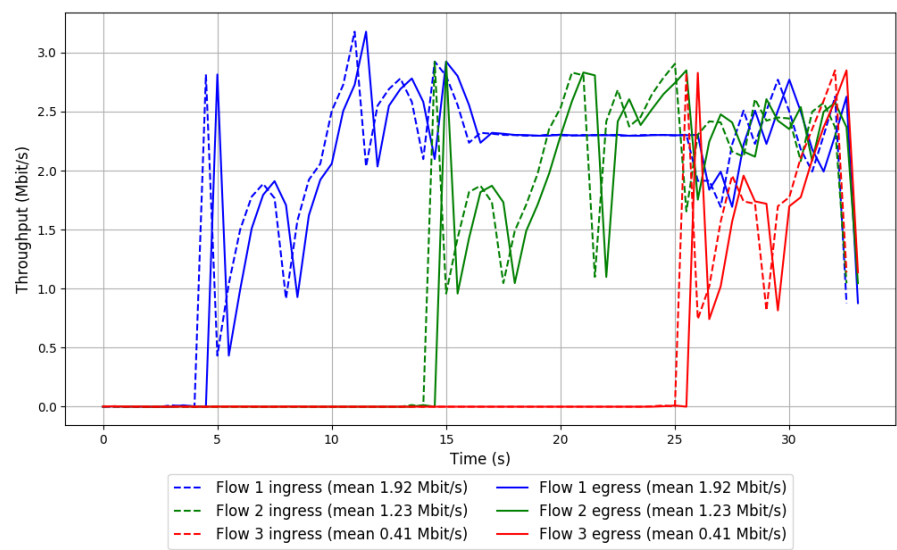


Run 4: Statistics of WebRTC media

Start at: 2018-08-09 09:56:49
End at: 2018-08-09 09:57:19
Local clock offset: -2.891 ms
Remote clock offset: -0.656 ms

Below is generated by plot.py at 2018-08-09 12:21:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.56 Mbit/s
95th percentile per-packet one-way delay: 6.110 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 5.858 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.23 Mbit/s
95th percentile per-packet one-way delay: 6.040 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 7.293 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

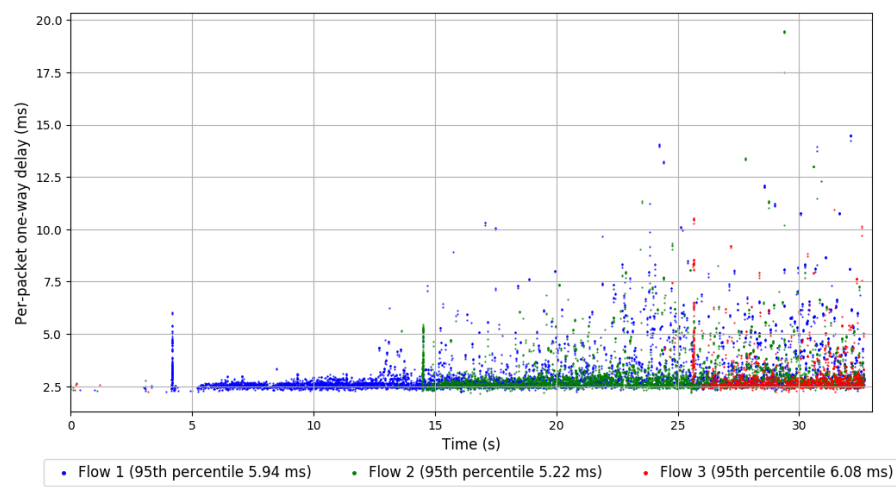
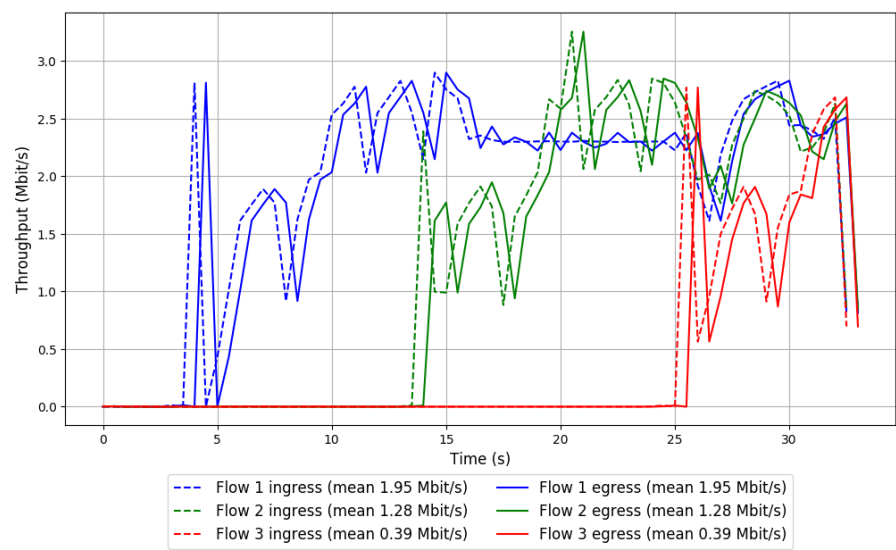


Run 5: Statistics of WebRTC media

Start at: 2018-08-09 10:16:00
End at: 2018-08-09 10:16:30
Local clock offset: -2.476 ms
Remote clock offset: -0.433 ms

Below is generated by plot.py at 2018-08-09 12:21:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 5.786 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 5.942 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.28 Mbit/s
95th percentile per-packet one-way delay: 5.219 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 6.083 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-08-09 10:35:12

End at: 2018-08-09 10:35:42

Local clock offset: -2.884 ms

Remote clock offset: 5.299 ms

Below is generated by plot.py at 2018-08-09 12:21:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.59 Mbit/s

95th percentile per-packet one-way delay: 5.295 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.95 Mbit/s

95th percentile per-packet one-way delay: 5.355 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.24 Mbit/s

95th percentile per-packet one-way delay: 5.029 ms

Loss rate: 0.00%

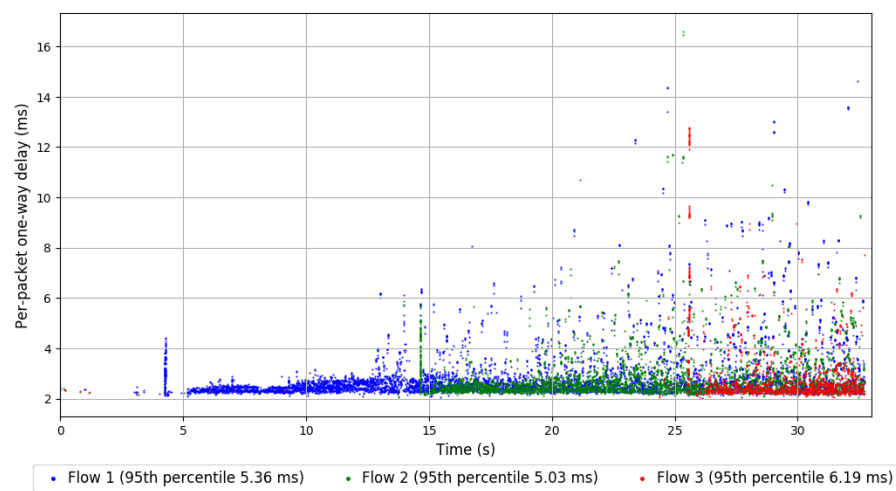
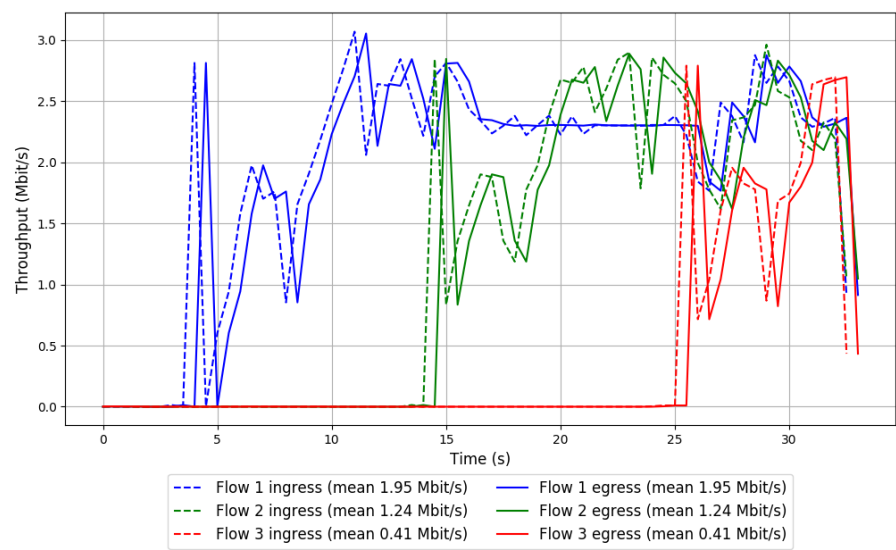
-- Flow 3:

Average throughput: 0.41 Mbit/s

95th percentile per-packet one-way delay: 6.187 ms

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link



Run 7: Statistics of WebRTC media

Start at: 2018-08-09 10:54:23

End at: 2018-08-09 10:54:53

Local clock offset: -6.404 ms

Remote clock offset: 9.001 ms

Below is generated by plot.py at 2018-08-09 12:21:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.62 Mbit/s

95th percentile per-packet one-way delay: 5.465 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.94 Mbit/s

95th percentile per-packet one-way delay: 5.297 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.27 Mbit/s

95th percentile per-packet one-way delay: 4.932 ms

Loss rate: 0.00%

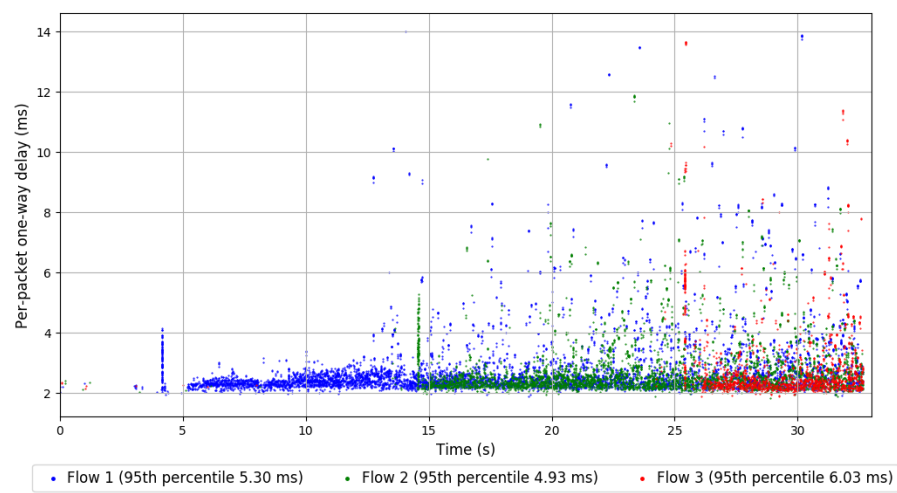
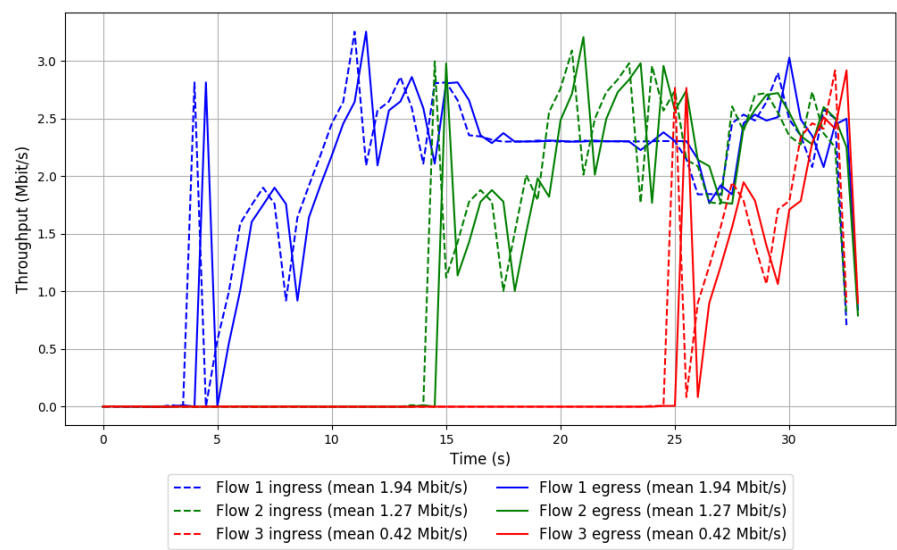
-- Flow 3:

Average throughput: 0.42 Mbit/s

95th percentile per-packet one-way delay: 6.028 ms

Loss rate: 0.00%

Run 7: Report of WebRTC media — Data Link

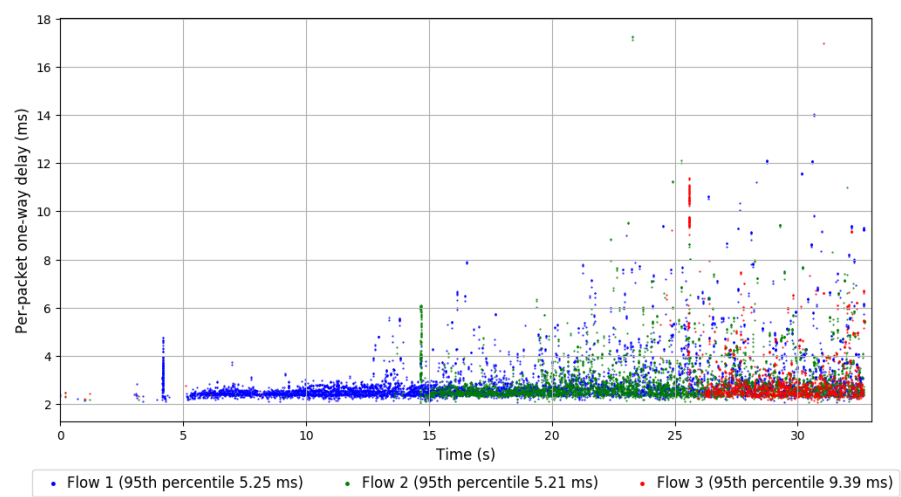
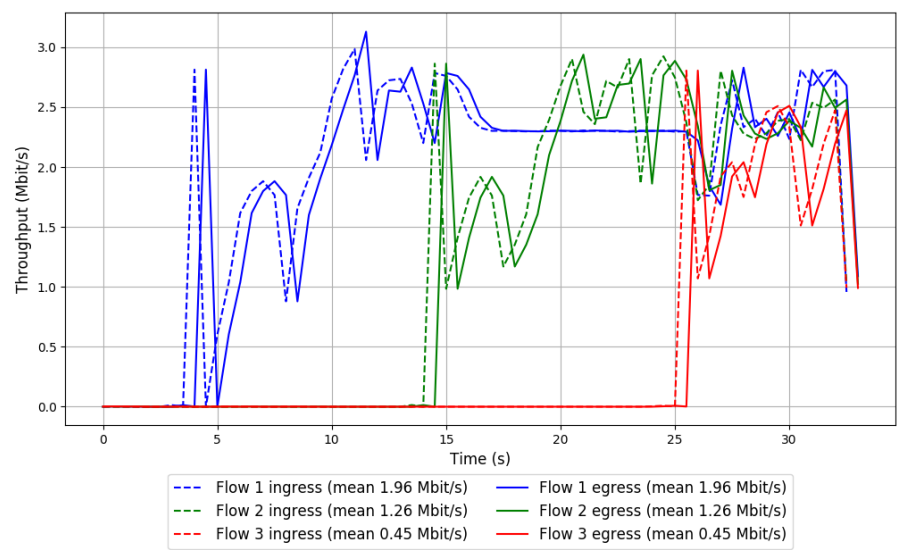


Run 8: Statistics of WebRTC media

Start at: 2018-08-09 11:13:36
End at: 2018-08-09 11:14:06
Local clock offset: -9.279 ms
Remote clock offset: 11.594 ms

Below is generated by plot.py at 2018-08-09 12:21:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.66 Mbit/s
95th percentile per-packet one-way delay: 5.448 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.96 Mbit/s
95th percentile per-packet one-way delay: 5.252 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 5.206 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.45 Mbit/s
95th percentile per-packet one-way delay: 9.388 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

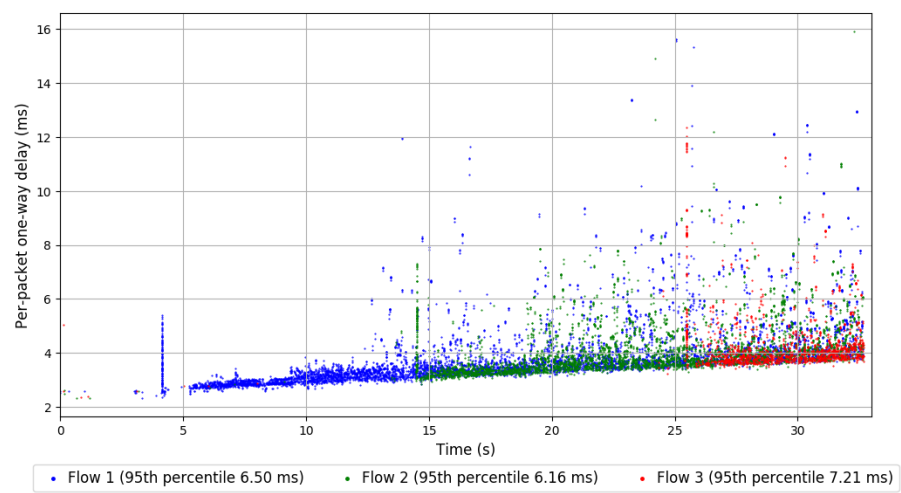
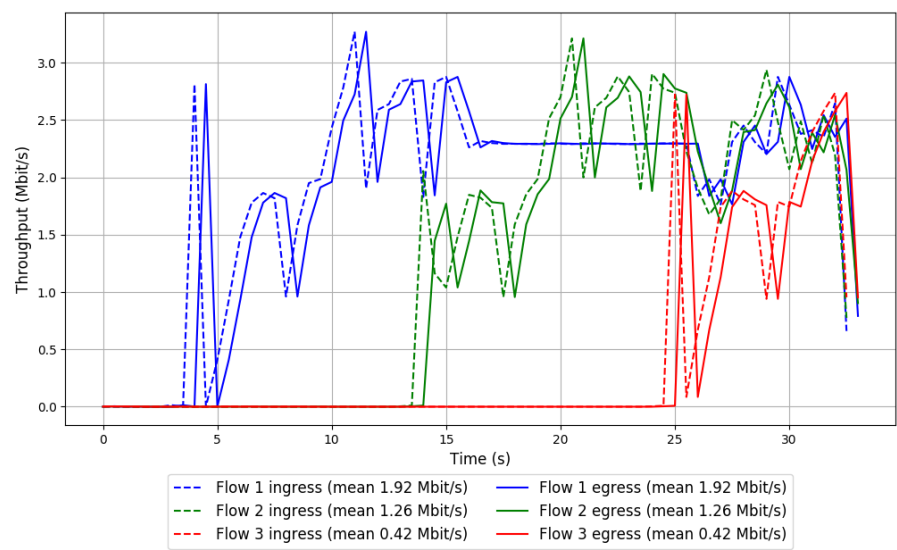


Run 9: Statistics of WebRTC media

Start at: 2018-08-09 11:32:48
End at: 2018-08-09 11:33:18
Local clock offset: -3.141 ms
Remote clock offset: 10.292 ms

Below is generated by plot.py at 2018-08-09 12:21:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.59 Mbit/s
95th percentile per-packet one-way delay: 6.420 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.92 Mbit/s
95th percentile per-packet one-way delay: 6.503 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 6.157 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 7.212 ms
Loss rate: 0.01%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-09 11:52:00
End at: 2018-08-09 11:52:30
Local clock offset: -2.14 ms
Remote clock offset: -9.752 ms

Below is generated by plot.py at 2018-08-09 12:21:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.61 Mbit/s
95th percentile per-packet one-way delay: 5.792 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 5.737 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 1.26 Mbit/s
95th percentile per-packet one-way delay: 5.427 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 8.526 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

