

Pantheon Report

Generated at 2018-07-17 20:18:41 (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.

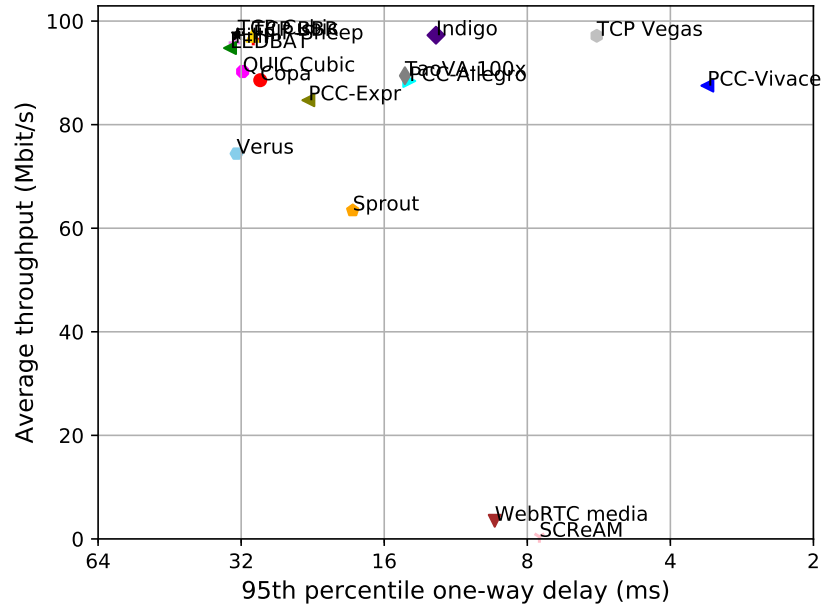
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

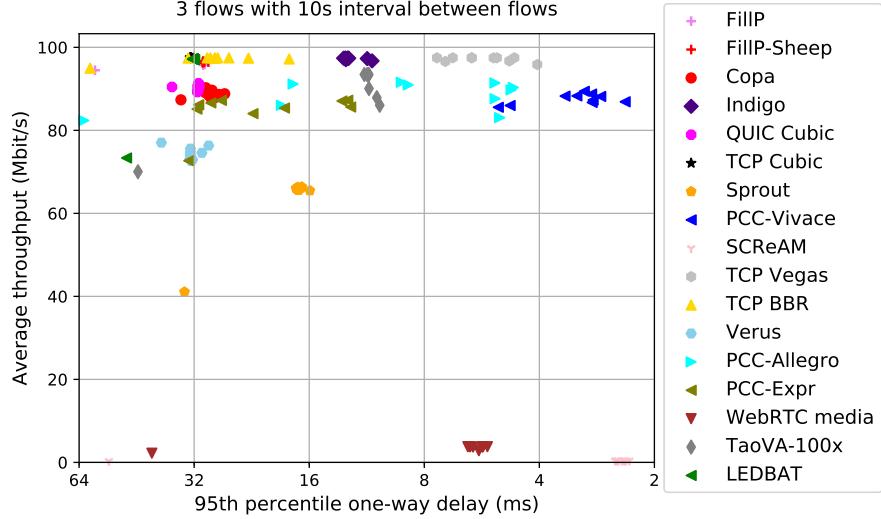
Git summary:

```
branch: master @ f7befc2d8410f41949e0ad8143a9aab40bab7edb
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf58e562f4
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quirk @ 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



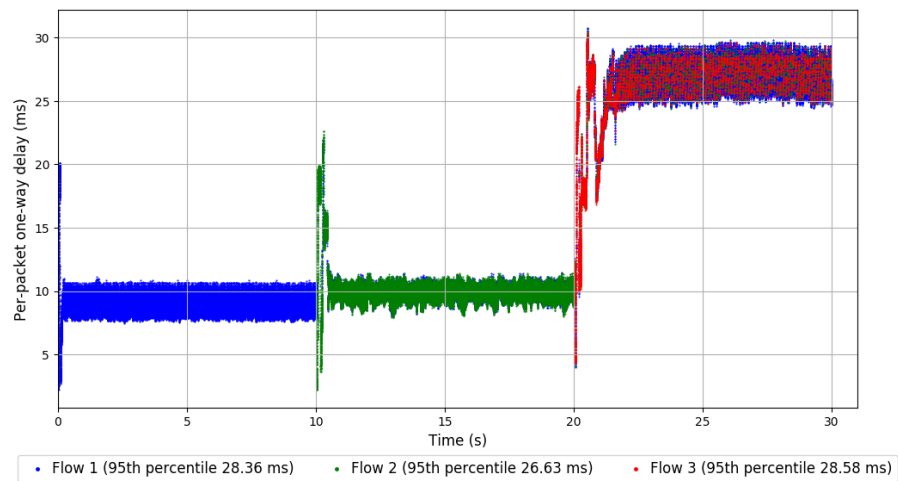
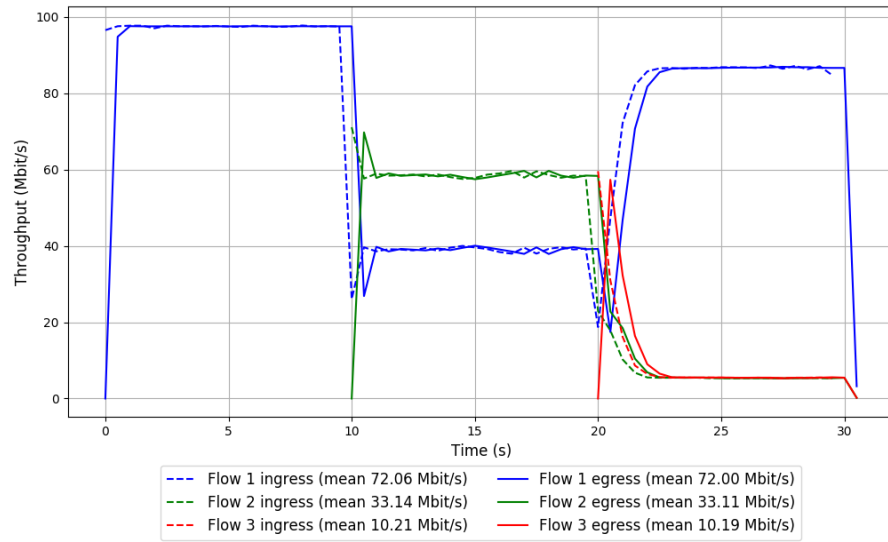
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	66.37	36.29	19.92	29.83	29.66	31.13	1.11	1.29	2.19
Copa	10	53.59	37.12	30.89	27.57	29.74	30.56	0.02	0.02	0.02
TCP Cubic	10	65.41	33.86	28.56	32.47	32.59	32.68	0.03	0.09	0.12
FillP	10	54.41	45.94	32.70	32.66	33.26	33.51	12.46	22.00	24.29
FillP-Sheep	10	59.25	40.50	31.11	30.11	30.37	30.19	15.58	28.43	33.28
Indigo	10	46.91	43.07	66.83	10.79	12.71	13.00	0.00	0.00	0.00
LEDBAT	10	60.60	36.78	29.26	33.33	34.27	34.21	0.03	0.06	0.08
PCC-Allegro	10	69.28	21.28	15.17	12.88	16.25	18.16	0.21	0.24	0.23
PCC-Expr	10	54.34	33.60	24.31	22.37	20.25	15.60	0.43	0.22	0.06
QUIC Cubic	10	57.99	34.19	29.02	31.60	31.89	32.52	0.14	0.18	0.21
SCReAM	10	0.21	0.21	0.22	7.59	7.50	7.46	0.07	0.04	0.00
Sprout	10	32.74	31.41	29.67	17.61	18.24	20.83	0.01	0.00	0.00
TaoVA-100x	10	52.21	38.30	35.27	13.81	14.99	16.61	0.06	0.07	0.25
TCP Vegas	10	49.26	46.89	50.09	10.88	4.39	4.52	0.00	0.00	0.00
Verus	10	44.61	31.25	27.39	30.89	32.98	33.51	12.64	20.13	31.53
PCC-Vivace	10	55.88	34.62	26.14	2.94	3.65	6.86	0.00	0.01	0.03
WebRTC media	10	1.90	1.18	0.43	9.11	9.37	10.07	0.01	0.00	0.08

Run 1: Statistics of TCP BBR

Start at: 2018-07-17 16:51:25
End at: 2018-07-17 16:51:55
Local clock offset: -5.972 ms
Remote clock offset: -0.117 ms

Below is generated by plot.py at 2018-07-17 19:53:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 28.242 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.00 Mbit/s
95th percentile per-packet one-way delay: 28.355 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.11 Mbit/s
95th percentile per-packet one-way delay: 26.626 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.19 Mbit/s
95th percentile per-packet one-way delay: 28.582 ms
Loss rate: 0.00%

Run 1: Report of TCP BBR — Data Link



Run 2: Statistics of TCP BBR

Start at: 2018-07-17 17:10:38

End at: 2018-07-17 17:11:08

Local clock offset: -5.896 ms

Remote clock offset: 1.617 ms

Below is generated by plot.py at 2018-07-17 19:53:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.45 Mbit/s

95th percentile per-packet one-way delay: 25.960 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 71.96 Mbit/s

95th percentile per-packet one-way delay: 26.030 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 33.10 Mbit/s

95th percentile per-packet one-way delay: 24.631 ms

Loss rate: 0.00%

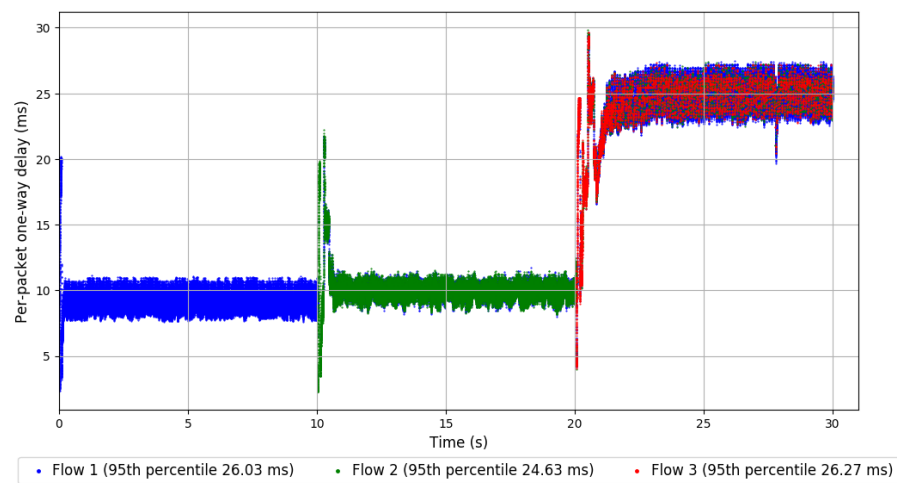
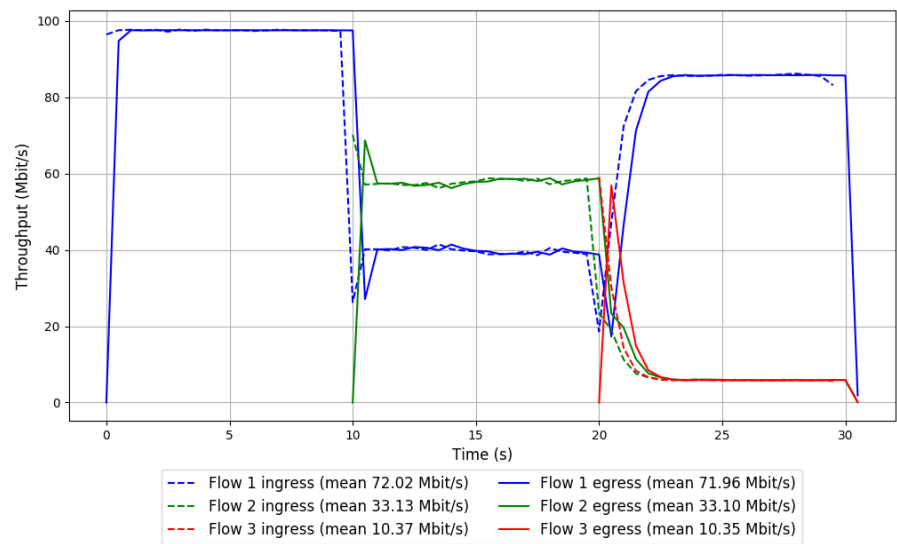
-- Flow 3:

Average throughput: 10.35 Mbit/s

95th percentile per-packet one-way delay: 26.266 ms

Loss rate: 0.00%

Run 2: Report of TCP BBR — Data Link

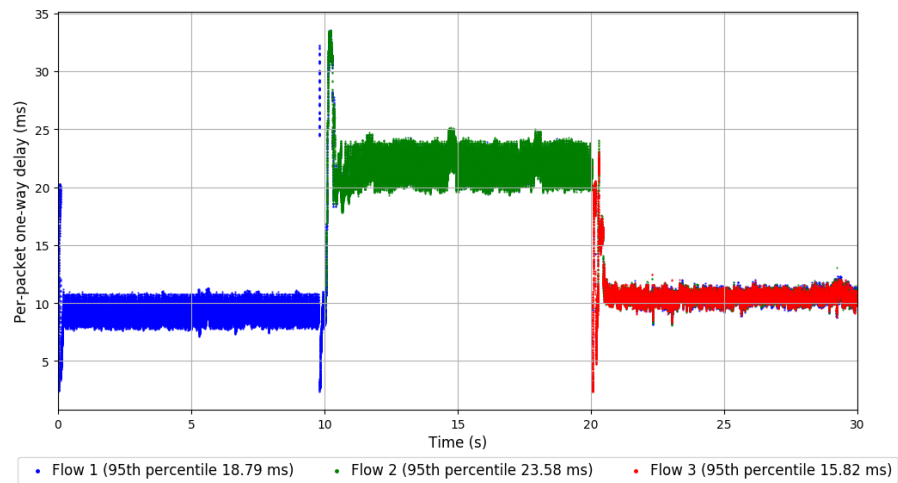
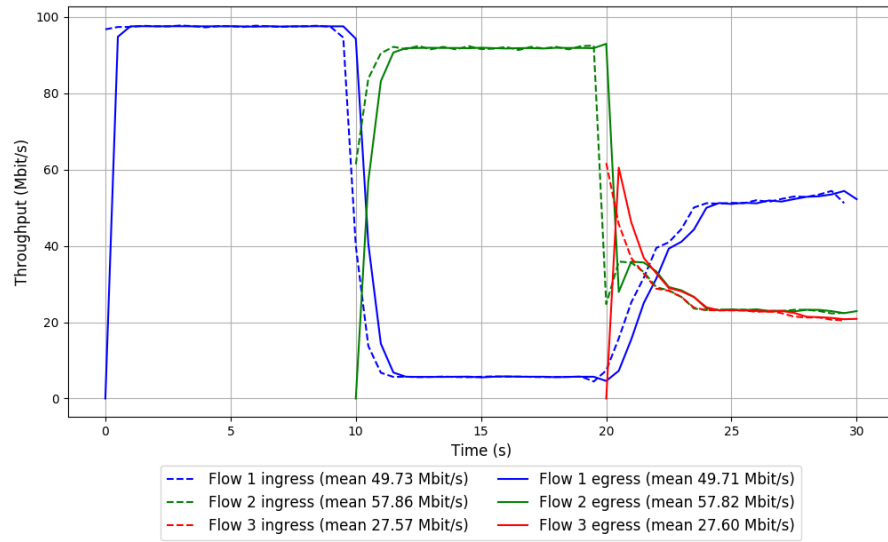


Run 3: Statistics of TCP BBR

Start at: 2018-07-17 17:29:50
End at: 2018-07-17 17:30:20
Local clock offset: -5.967 ms
Remote clock offset: -2.535 ms

Below is generated by plot.py at 2018-07-17 19:53:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.39 Mbit/s
95th percentile per-packet one-way delay: 23.067 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 49.71 Mbit/s
95th percentile per-packet one-way delay: 18.793 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 57.82 Mbit/s
95th percentile per-packet one-way delay: 23.579 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 27.60 Mbit/s
95th percentile per-packet one-way delay: 15.819 ms
Loss rate: 0.00%

Run 3: Report of TCP BBR — Data Link

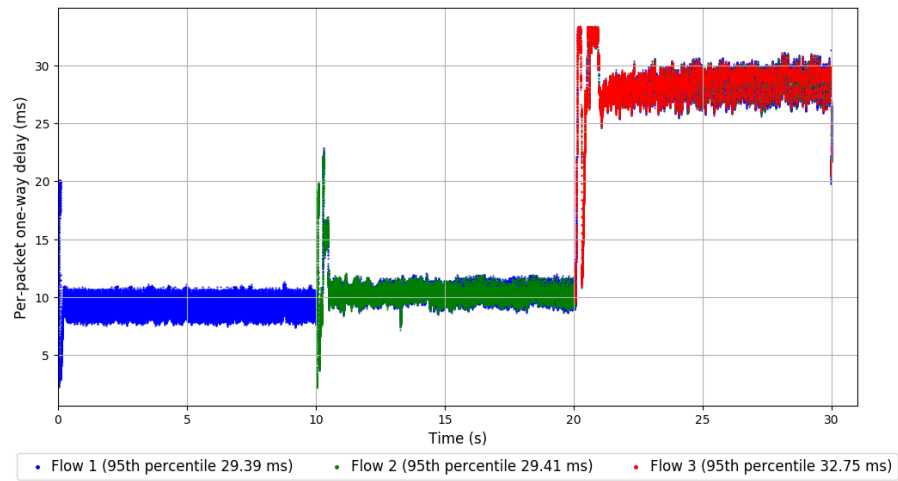
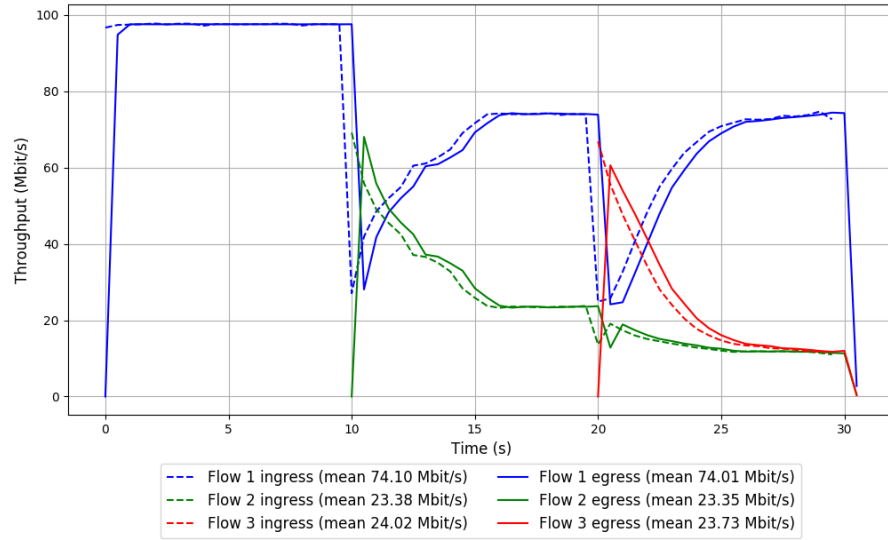


Run 4: Statistics of TCP BBR

Start at: 2018-07-17 17:49:02
End at: 2018-07-17 17:49:32
Local clock offset: -5.888 ms
Remote clock offset: -3.425 ms

Below is generated by plot.py at 2018-07-17 19:53:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 29.579 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 74.01 Mbit/s
95th percentile per-packet one-way delay: 29.392 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 23.35 Mbit/s
95th percentile per-packet one-way delay: 29.411 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 23.73 Mbit/s
95th percentile per-packet one-way delay: 32.752 ms
Loss rate: 1.07%

Run 4: Report of TCP BBR — Data Link

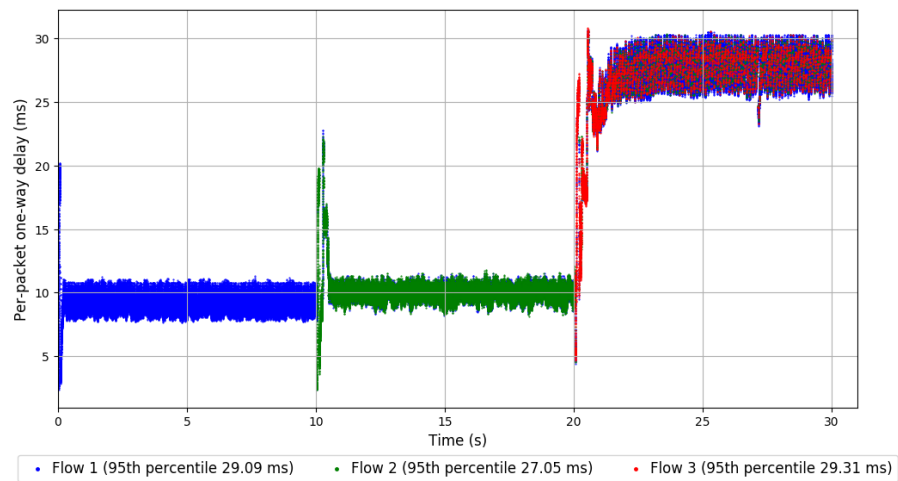
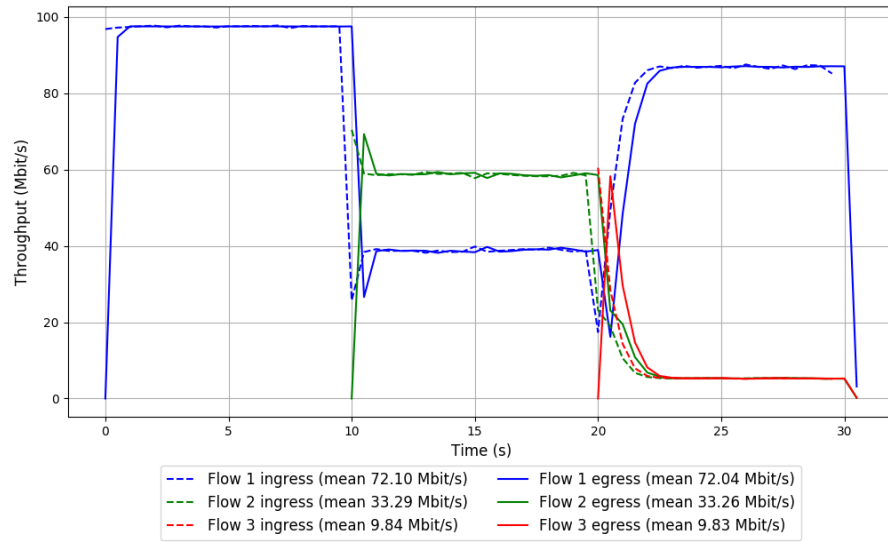


Run 5: Statistics of TCP BBR

Start at: 2018-07-17 18:08:13
End at: 2018-07-17 18:08:43
Local clock offset: -5.598 ms
Remote clock offset: -2.148 ms

Below is generated by plot.py at 2018-07-17 19:53:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 29.008 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.04 Mbit/s
95th percentile per-packet one-way delay: 29.087 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.26 Mbit/s
95th percentile per-packet one-way delay: 27.053 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 9.83 Mbit/s
95th percentile per-packet one-way delay: 29.306 ms
Loss rate: 0.00%

Run 5: Report of TCP BBR — Data Link

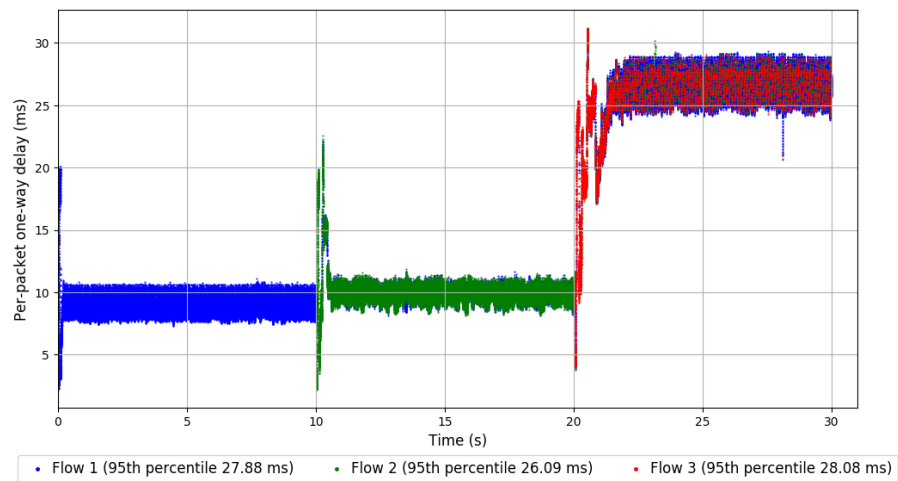
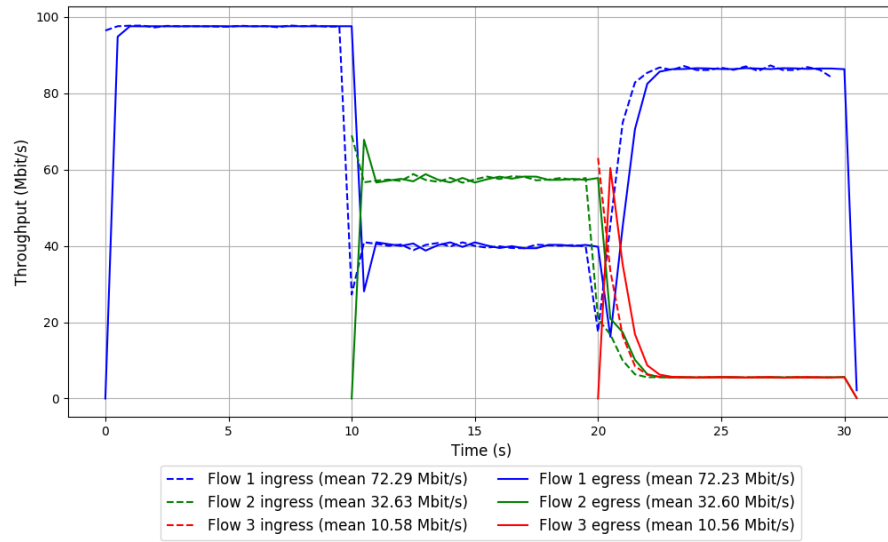


Run 6: Statistics of TCP BBR

Start at: 2018-07-17 18:27:26
End at: 2018-07-17 18:27:56
Local clock offset: -5.329 ms
Remote clock offset: -2.092 ms

Below is generated by plot.py at 2018-07-17 19:53:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 27.764 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 72.23 Mbit/s
95th percentile per-packet one-way delay: 27.875 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.60 Mbit/s
95th percentile per-packet one-way delay: 26.093 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 10.56 Mbit/s
95th percentile per-packet one-way delay: 28.081 ms
Loss rate: 0.00%

Run 6: Report of TCP BBR — Data Link

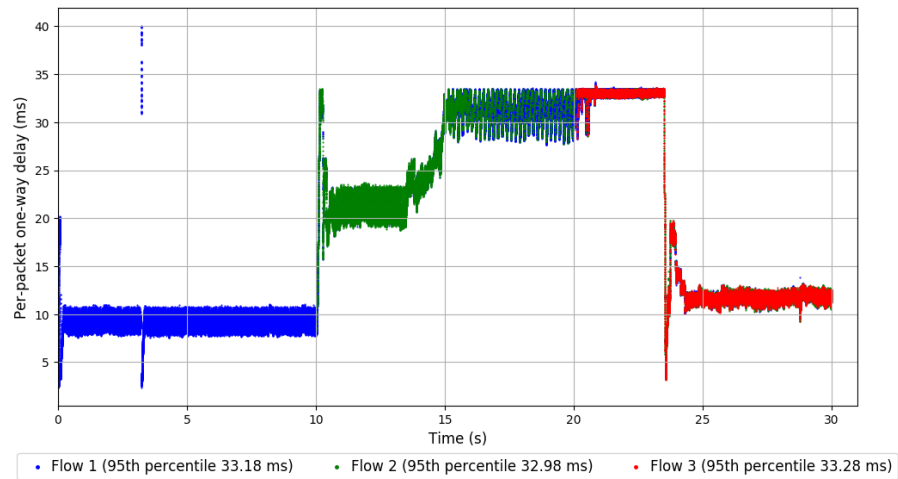
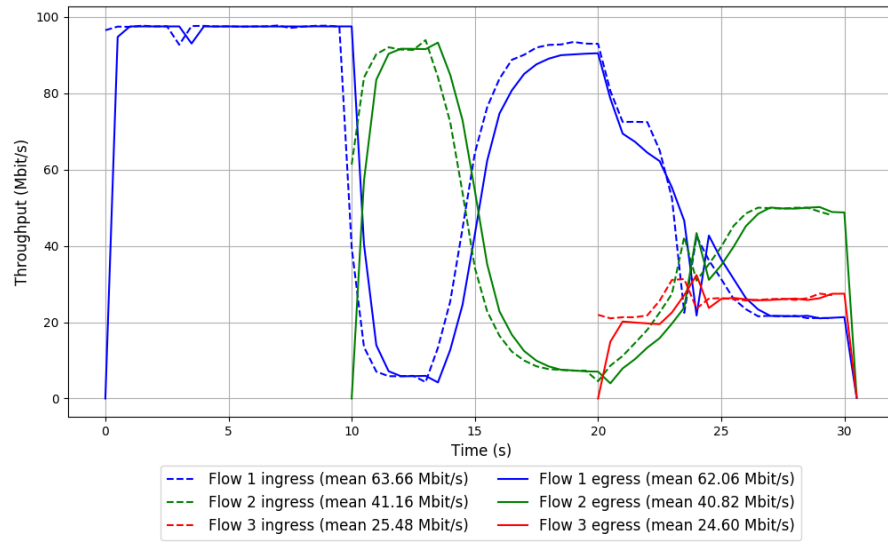


Run 7: Statistics of TCP BBR

Start at: 2018-07-17 18:46:37
End at: 2018-07-17 18:47:07
Local clock offset: -5.241 ms
Remote clock offset: -2.043 ms

Below is generated by plot.py at 2018-07-17 19:53:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.42 Mbit/s
95th percentile per-packet one-way delay: 33.165 ms
Loss rate: 2.11%
-- Flow 1:
Average throughput: 62.06 Mbit/s
95th percentile per-packet one-way delay: 33.179 ms
Loss rate: 2.48%
-- Flow 2:
Average throughput: 40.82 Mbit/s
95th percentile per-packet one-way delay: 32.976 ms
Loss rate: 0.80%
-- Flow 3:
Average throughput: 24.60 Mbit/s
95th percentile per-packet one-way delay: 33.277 ms
Loss rate: 3.63%

Run 7: Report of TCP BBR — Data Link



Run 8: Statistics of TCP BBR

Start at: 2018-07-17 19:05:49

End at: 2018-07-17 19:06:19

Local clock offset: -5.706 ms

Remote clock offset: 9.63 ms

Below is generated by plot.py at 2018-07-17 19:53:26

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.35 Mbit/s

95th percentile per-packet one-way delay: 28.237 ms

Loss rate: 0.11%

-- Flow 1:

Average throughput: 68.96 Mbit/s

95th percentile per-packet one-way delay: 28.045 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 30.12 Mbit/s

95th percentile per-packet one-way delay: 28.104 ms

Loss rate: 0.06%

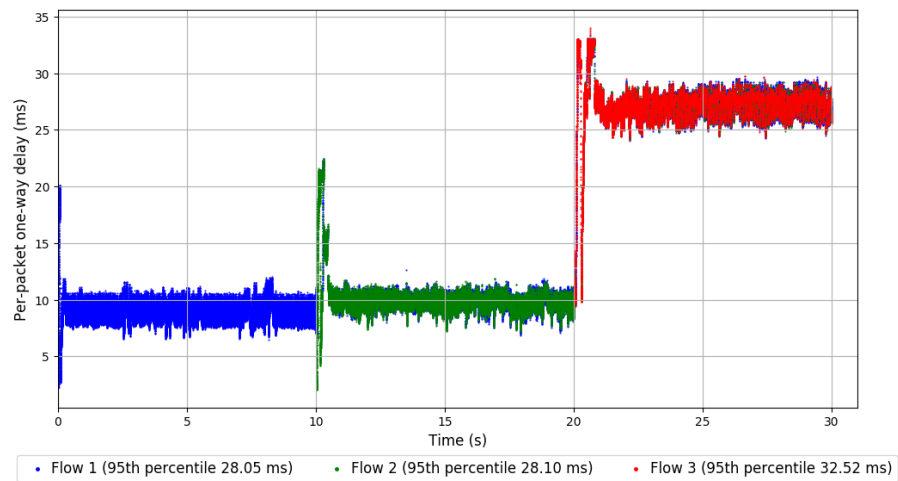
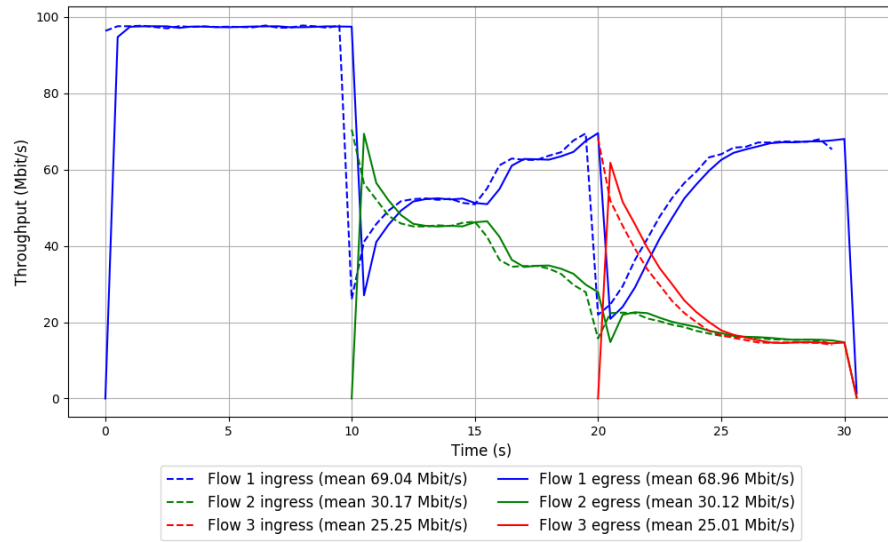
-- Flow 3:

Average throughput: 25.01 Mbit/s

95th percentile per-packet one-way delay: 32.515 ms

Loss rate: 0.79%

Run 8: Report of TCP BBR — Data Link

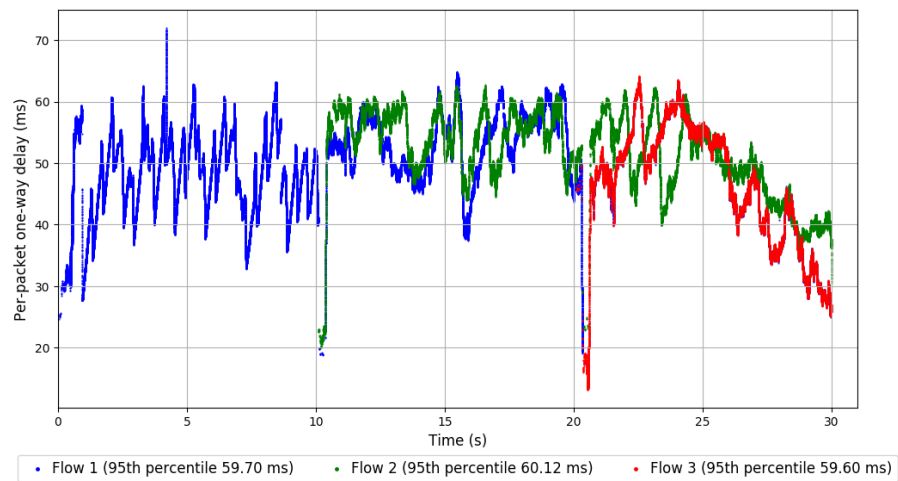
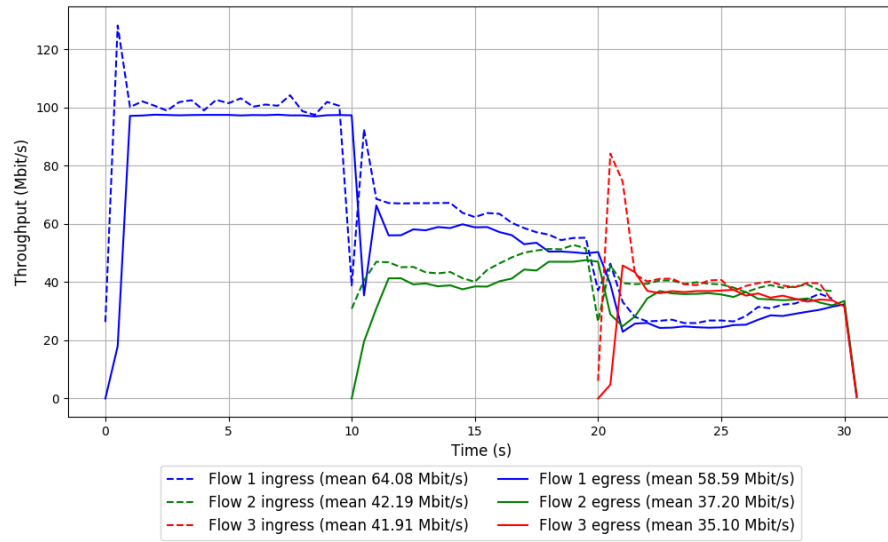


Run 9: Statistics of TCP BBR

Start at: 2018-07-17 19:25:05
End at: 2018-07-17 19:25:35
Local clock offset: 16.206 ms
Remote clock offset: 18.657 ms

Below is generated by plot.py at 2018-07-17 19:54:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.97 Mbit/s
95th percentile per-packet one-way delay: 59.898 ms
Loss rate: 10.49%
-- Flow 1:
Average throughput: 58.59 Mbit/s
95th percentile per-packet one-way delay: 59.695 ms
Loss rate: 8.57%
-- Flow 2:
Average throughput: 37.20 Mbit/s
95th percentile per-packet one-way delay: 60.119 ms
Loss rate: 11.91%
-- Flow 3:
Average throughput: 35.10 Mbit/s
95th percentile per-packet one-way delay: 59.601 ms
Loss rate: 16.41%

Run 9: Report of TCP BBR — Data Link

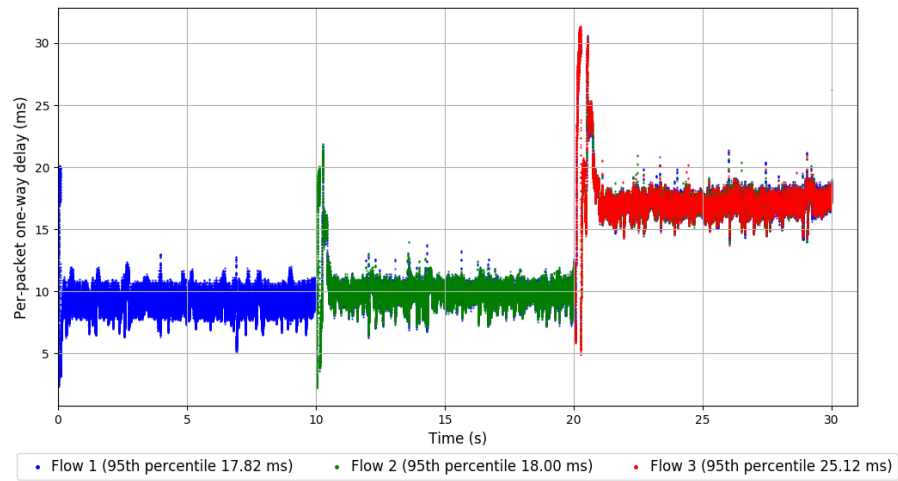
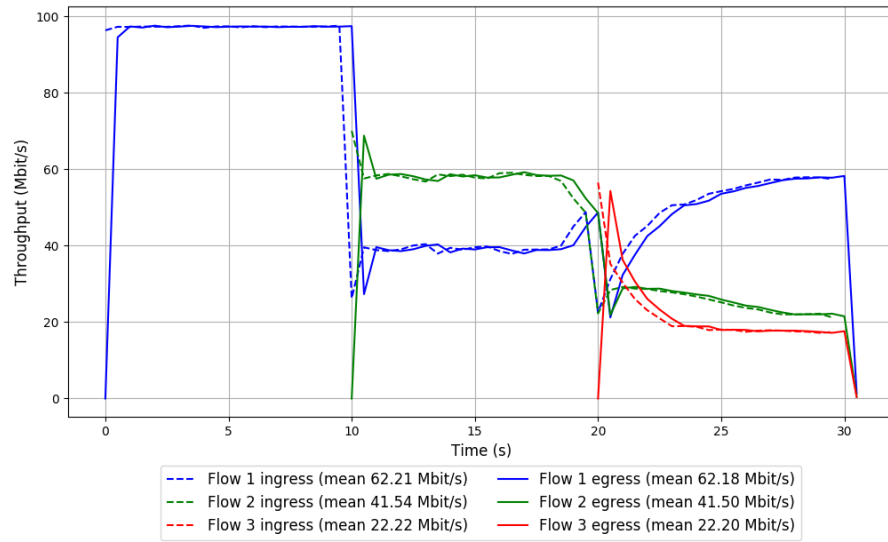


Run 10: Statistics of TCP BBR

Start at: 2018-07-17 19:44:22
End at: 2018-07-17 19:44:52
Local clock offset: -6.203 ms
Remote clock offset: 23.412 ms

Below is generated by plot.py at 2018-07-17 19:54:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.19 Mbit/s
95th percentile per-packet one-way delay: 18.051 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 62.18 Mbit/s
95th percentile per-packet one-way delay: 17.818 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 41.50 Mbit/s
95th percentile per-packet one-way delay: 18.000 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 22.20 Mbit/s
95th percentile per-packet one-way delay: 25.125 ms
Loss rate: 0.00%

Run 10: Report of TCP BBR — Data Link



Run 1: Statistics of Copa

Start at: 2018-07-17 16:38:59

End at: 2018-07-17 16:39:29

Local clock offset: -6.027 ms

Remote clock offset: -2.11 ms

Below is generated by plot.py at 2018-07-17 19:55:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 88.81 Mbit/s

95th percentile per-packet one-way delay: 26.626 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 52.70 Mbit/s

95th percentile per-packet one-way delay: 23.316 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 40.52 Mbit/s

95th percentile per-packet one-way delay: 28.675 ms

Loss rate: 0.00%

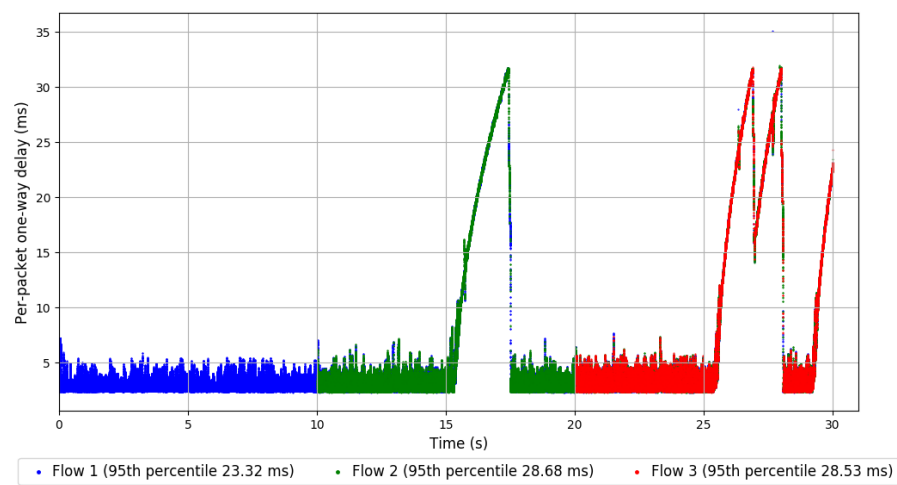
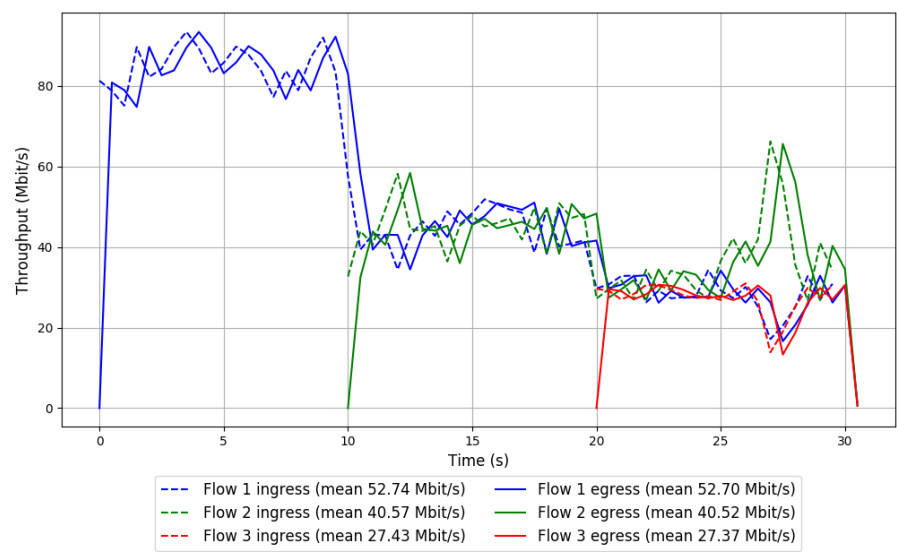
-- Flow 3:

Average throughput: 27.37 Mbit/s

95th percentile per-packet one-way delay: 28.528 ms

Loss rate: 0.02%

Run 1: Report of Copa — Data Link



Run 2: Statistics of Copa

Start at: 2018-07-17 16:58:11

End at: 2018-07-17 16:58:41

Local clock offset: -5.946 ms

Remote clock offset: 0.548 ms

Below is generated by plot.py at 2018-07-17 19:55:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.27 Mbit/s

95th percentile per-packet one-way delay: 29.835 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 55.48 Mbit/s

95th percentile per-packet one-way delay: 28.847 ms

Loss rate: 0.01%

-- Flow 2:

Average throughput: 36.84 Mbit/s

95th percentile per-packet one-way delay: 30.159 ms

Loss rate: 0.01%

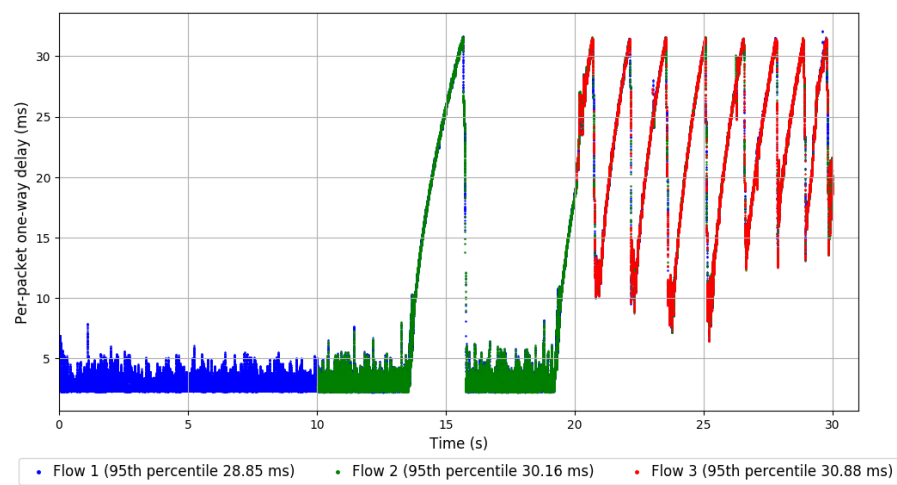
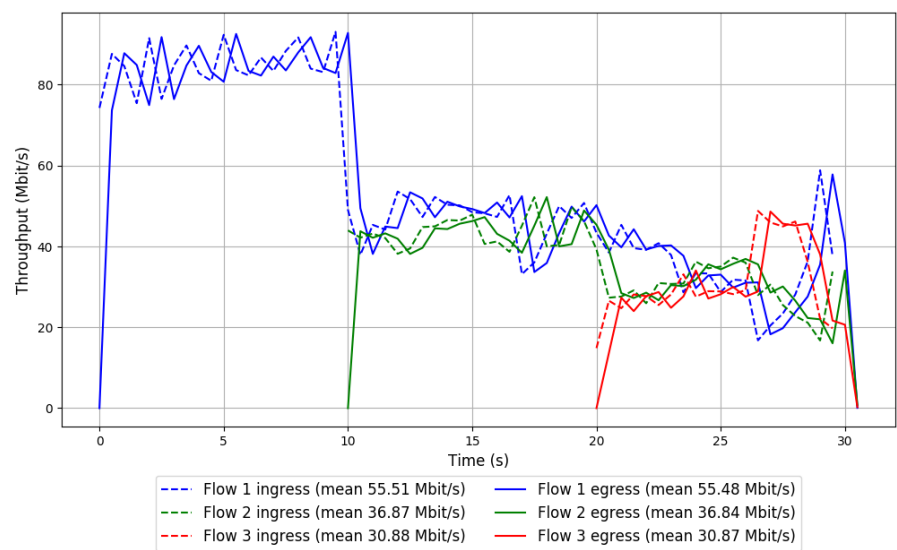
-- Flow 3:

Average throughput: 30.87 Mbit/s

95th percentile per-packet one-way delay: 30.877 ms

Loss rate: 0.03%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-07-17 17:17:24

End at: 2018-07-17 17:17:54

Local clock offset: -5.894 ms

Remote clock offset: 0.338 ms

Below is generated by plot.py at 2018-07-17 19:55:25

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.66 Mbit/s

95th percentile per-packet one-way delay: 28.738 ms

Loss rate: 0.01%

-- Flow 1:

Average throughput: 54.16 Mbit/s

95th percentile per-packet one-way delay: 26.622 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 37.83 Mbit/s

95th percentile per-packet one-way delay: 29.621 ms

Loss rate: 0.01%

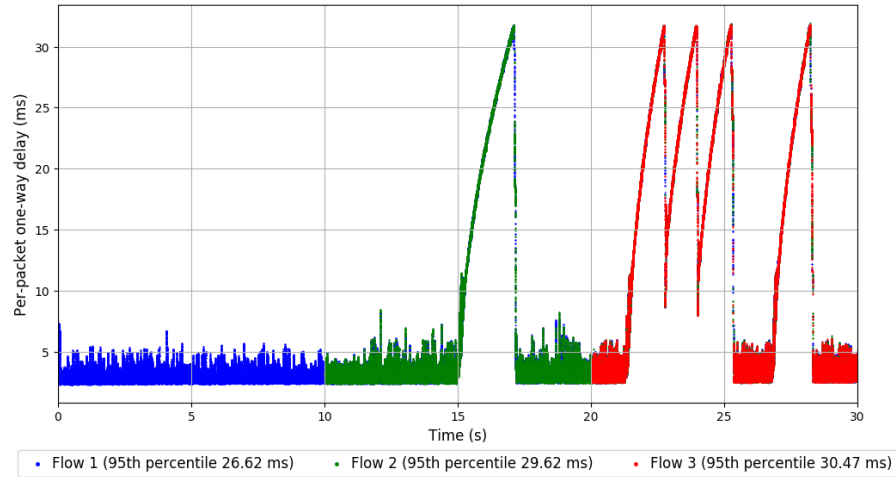
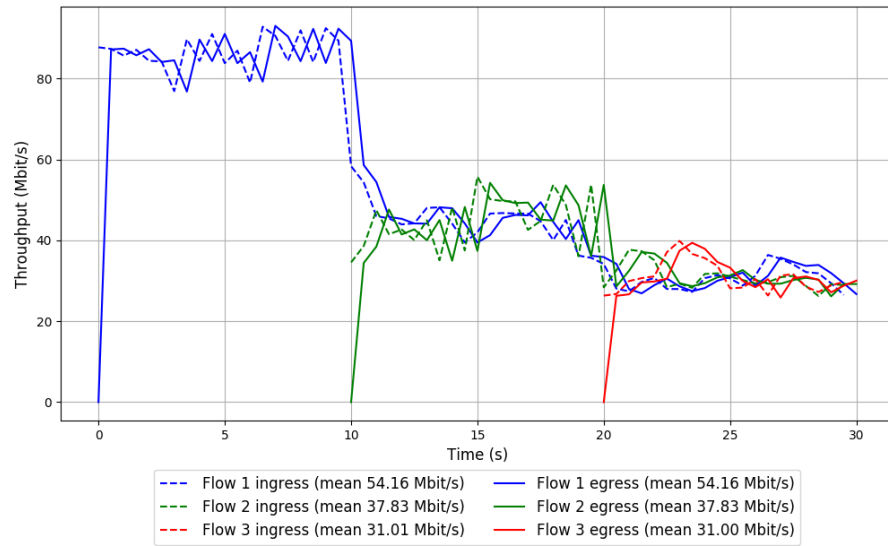
-- Flow 3:

Average throughput: 31.00 Mbit/s

95th percentile per-packet one-way delay: 30.473 ms

Loss rate: 0.01%

Run 3: Report of Copa — Data Link

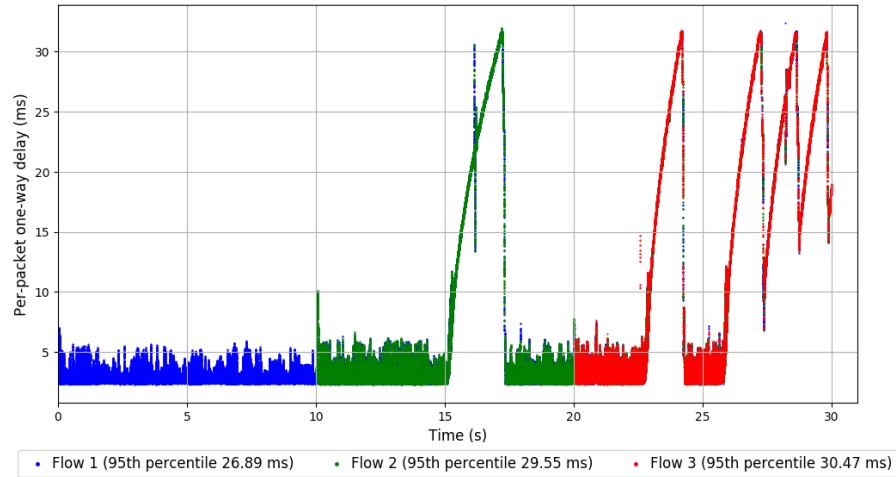
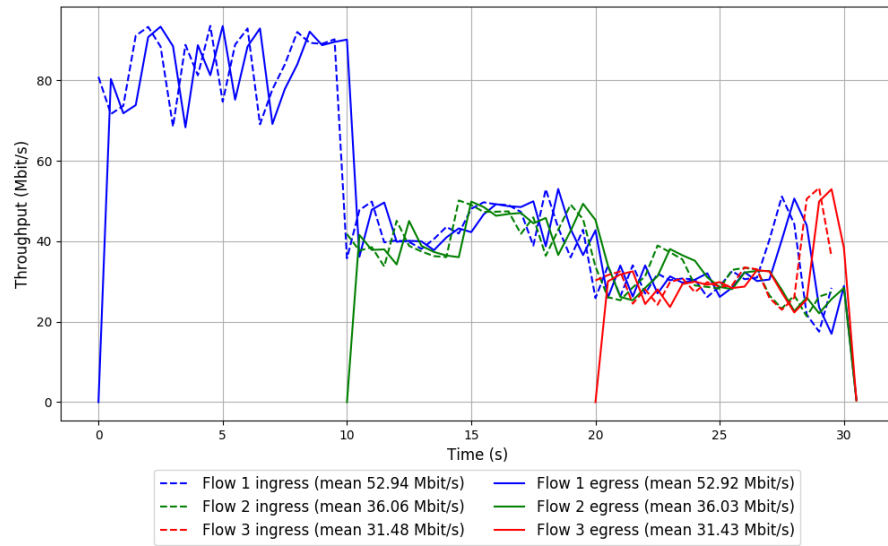


Run 4: Statistics of Copa

Start at: 2018-07-17 17:36:35
End at: 2018-07-17 17:37:05
Local clock offset: -5.894 ms
Remote clock offset: -3.001 ms

```
# Below is generated by plot.py at 2018-07-17 19:55:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.38 Mbit/s
95th percentile per-packet one-way delay: 28.784 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 52.92 Mbit/s
95th percentile per-packet one-way delay: 26.888 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.03 Mbit/s
95th percentile per-packet one-way delay: 29.548 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 31.43 Mbit/s
95th percentile per-packet one-way delay: 30.466 ms
Loss rate: 0.02%
```

Run 4: Report of Copa — Data Link

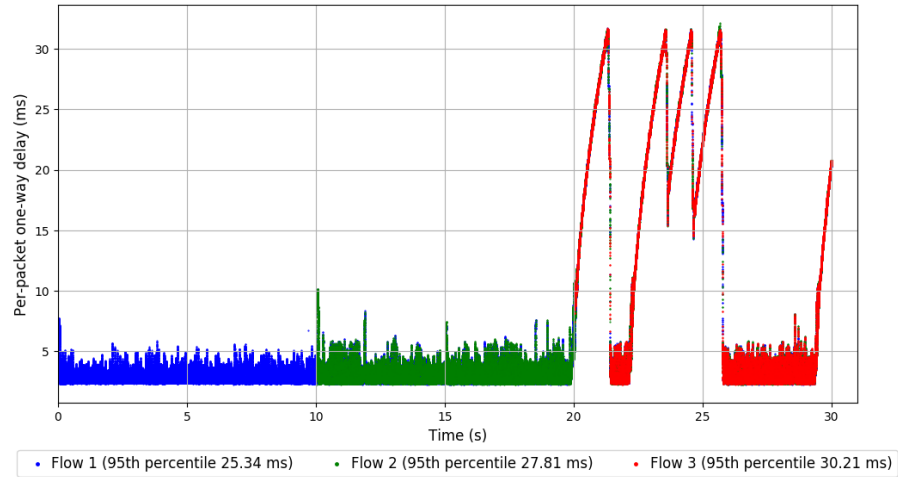
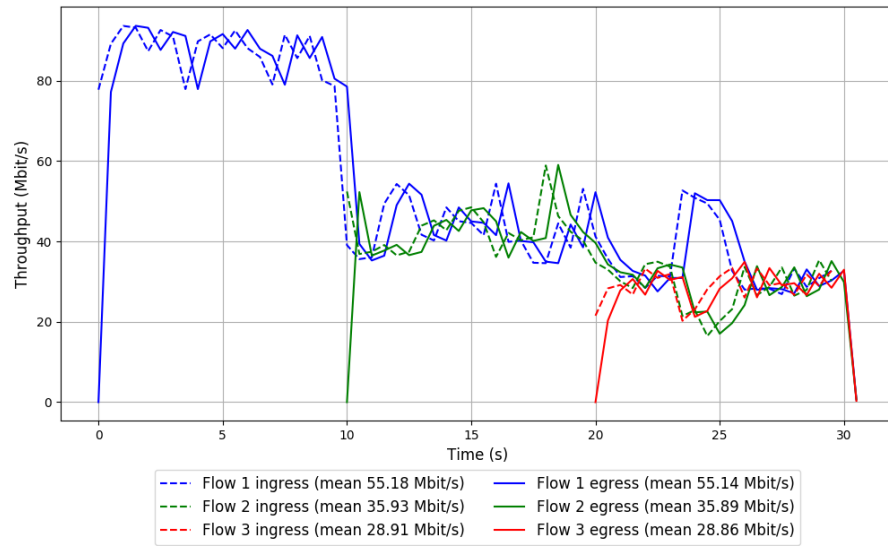


Run 5: Statistics of Copa

Start at: 2018-07-17 17:55:47
End at: 2018-07-17 17:56:17
Local clock offset: -5.853 ms
Remote clock offset: -2.698 ms

Below is generated by plot.py at 2018-07-17 19:55:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.65 Mbit/s
95th percentile per-packet one-way delay: 27.564 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 55.14 Mbit/s
95th percentile per-packet one-way delay: 25.344 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.89 Mbit/s
95th percentile per-packet one-way delay: 27.809 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 28.86 Mbit/s
95th percentile per-packet one-way delay: 30.208 ms
Loss rate: 0.01%

Run 5: Report of Copa — Data Link

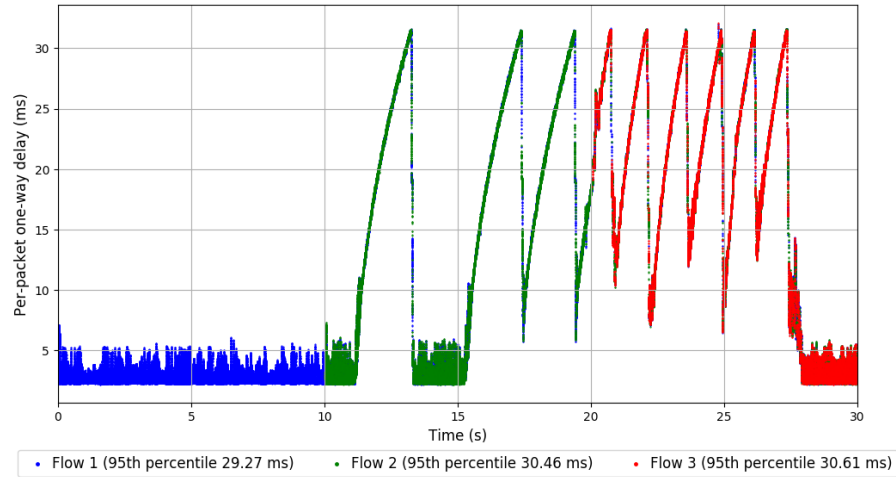
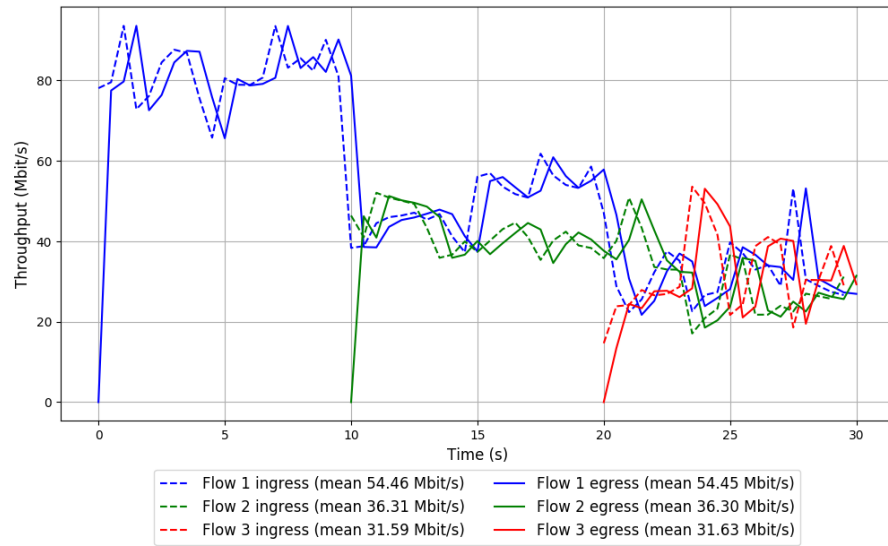


Run 6: Statistics of Copa

Start at: 2018-07-17 18:14:59
End at: 2018-07-17 18:15:29
Local clock offset: -5.44 ms
Remote clock offset: -2.101 ms

Below is generated by plot.py at 2018-07-17 19:55:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.13 Mbit/s
95th percentile per-packet one-way delay: 29.958 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 54.45 Mbit/s
95th percentile per-packet one-way delay: 29.270 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 36.30 Mbit/s
95th percentile per-packet one-way delay: 30.461 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 31.63 Mbit/s
95th percentile per-packet one-way delay: 30.615 ms
Loss rate: 0.02%

Run 6: Report of Copa — Data Link

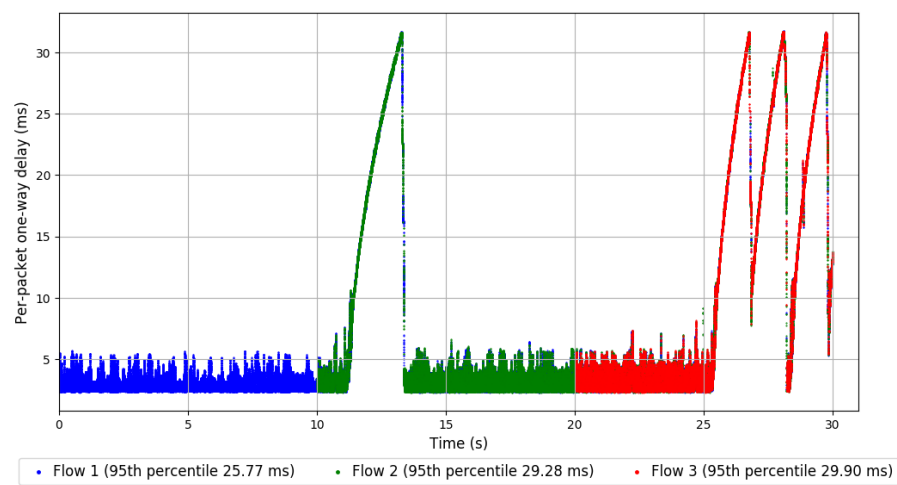
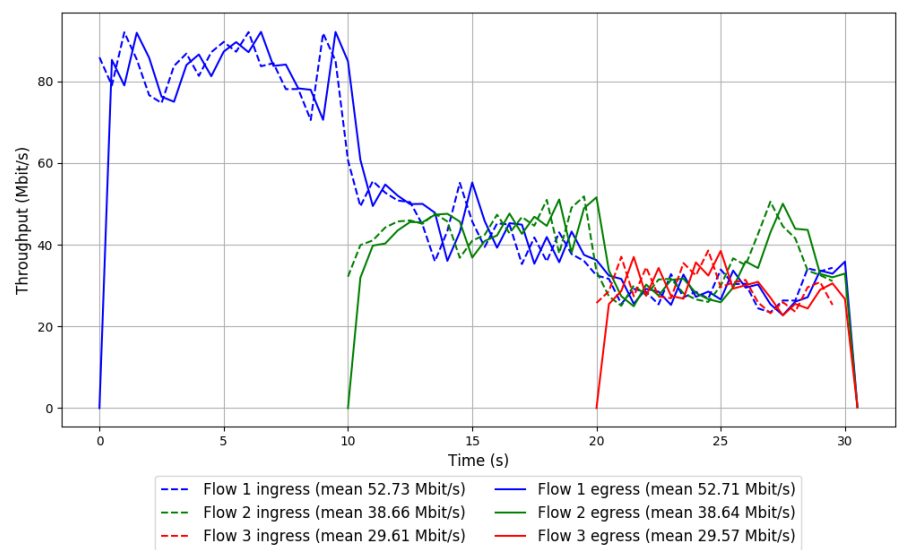


Run 7: Statistics of Copa

Start at: 2018-07-17 18:34:11
End at: 2018-07-17 18:34:41
Local clock offset: -5.34 ms
Remote clock offset: -2.098 ms

Below is generated by plot.py at 2018-07-17 19:56:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.29 Mbit/s
95th percentile per-packet one-way delay: 28.174 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 52.71 Mbit/s
95th percentile per-packet one-way delay: 25.773 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.64 Mbit/s
95th percentile per-packet one-way delay: 29.284 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 29.57 Mbit/s
95th percentile per-packet one-way delay: 29.897 ms
Loss rate: 0.01%

Run 7: Report of Copa — Data Link

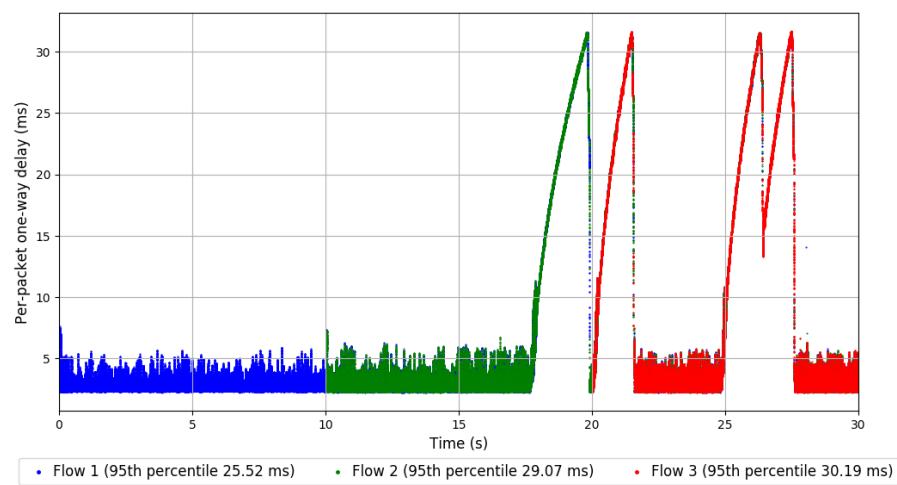
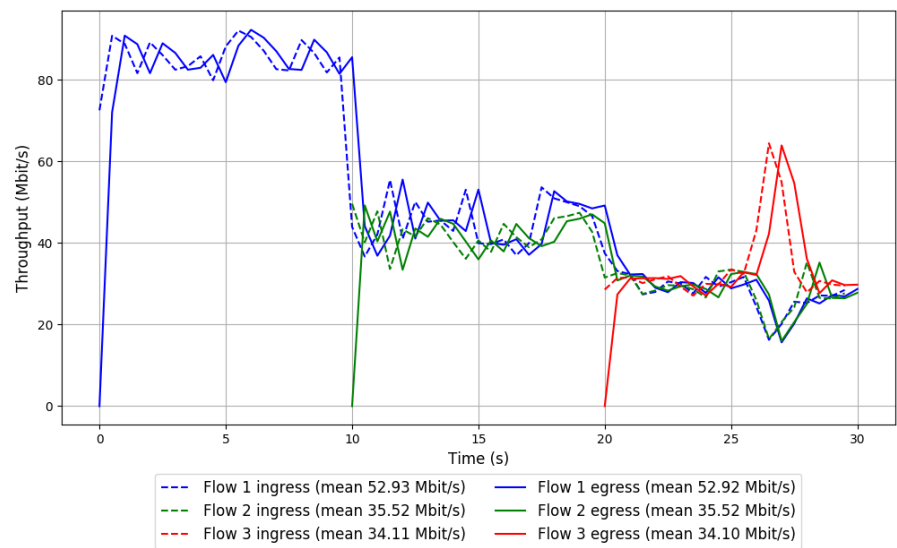


Run 8: Statistics of Copa

Start at: 2018-07-17 18:53:23
End at: 2018-07-17 18:53:53
Local clock offset: -5.117 ms
Remote clock offset: -2.009 ms

Below is generated by plot.py at 2018-07-17 19:56:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.92 Mbit/s
95th percentile per-packet one-way delay: 28.182 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 52.92 Mbit/s
95th percentile per-packet one-way delay: 25.524 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.52 Mbit/s
95th percentile per-packet one-way delay: 29.071 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 34.10 Mbit/s
95th percentile per-packet one-way delay: 30.190 ms
Loss rate: 0.01%

Run 8: Report of Copa — Data Link

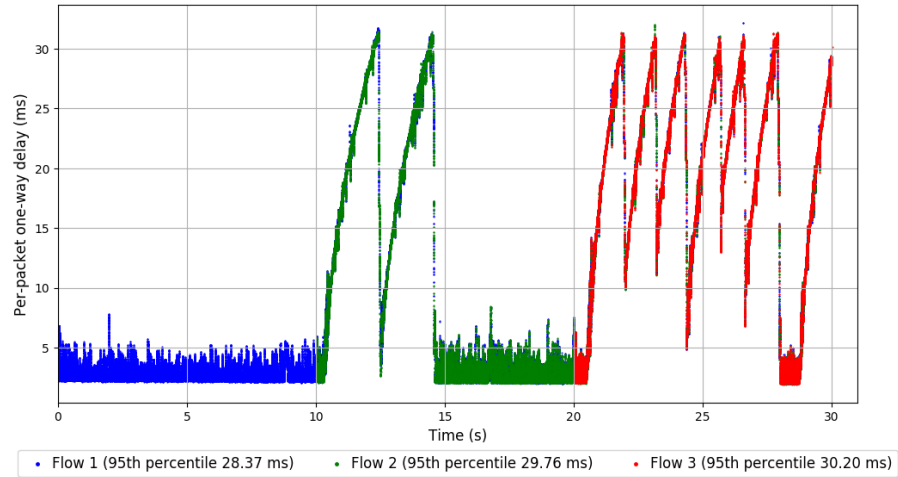
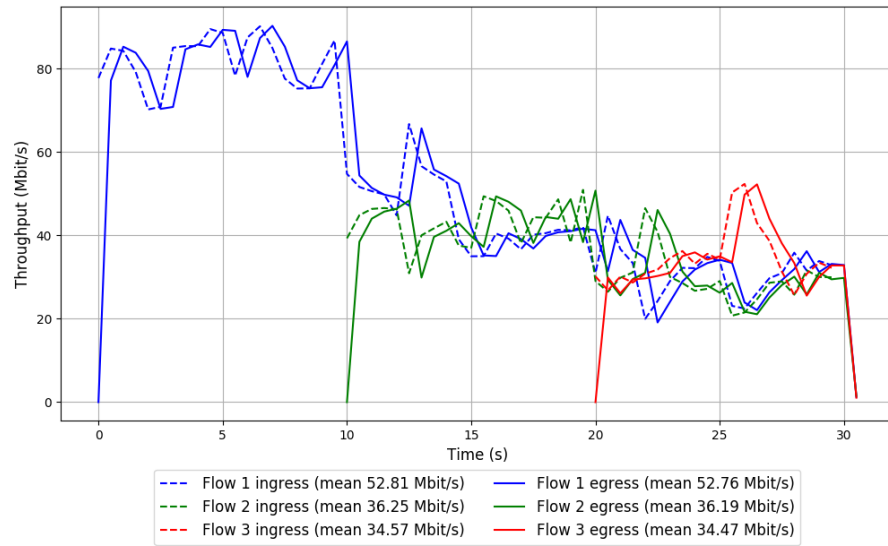


Run 9: Statistics of Copa

Start at: 2018-07-17 19:12:34
End at: 2018-07-17 19:13:04
Local clock offset: -5.866 ms
Remote clock offset: 13.942 ms

Below is generated by plot.py at 2018-07-17 19:57:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.35 Mbit/s
95th percentile per-packet one-way delay: 29.251 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 52.76 Mbit/s
95th percentile per-packet one-way delay: 28.373 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 36.19 Mbit/s
95th percentile per-packet one-way delay: 29.762 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 34.47 Mbit/s
95th percentile per-packet one-way delay: 30.203 ms
Loss rate: 0.02%

Run 9: Report of Copa — Data Link

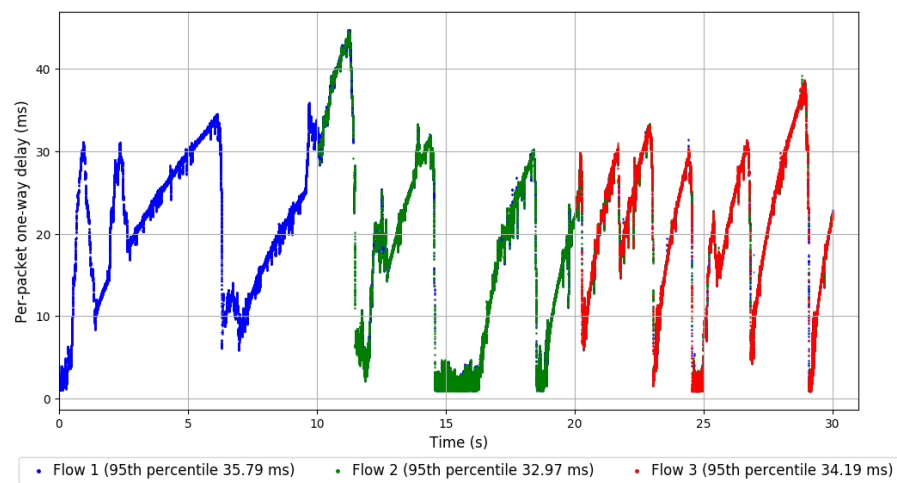
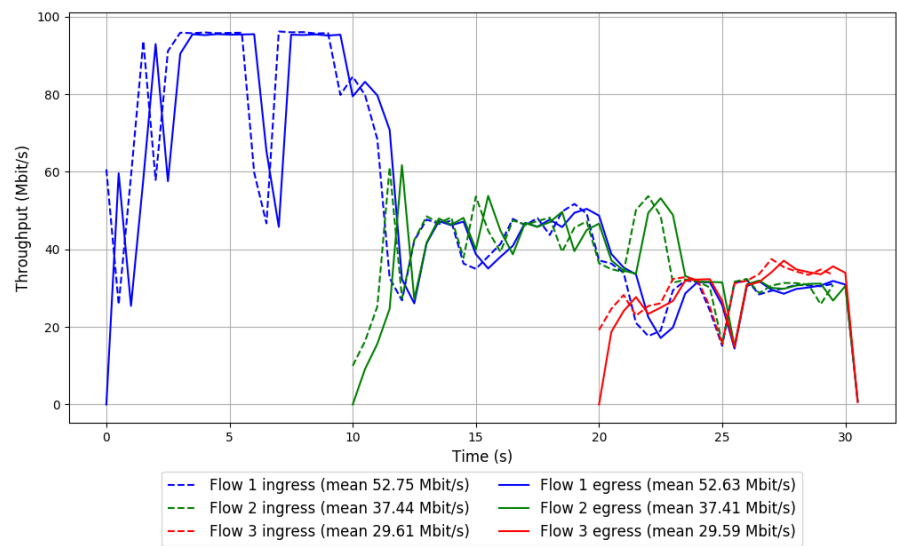


Run 10: Statistics of Copa

Start at: 2018-07-17 19:31:55
End at: 2018-07-17 19:32:25
Local clock offset: -4.913 ms
Remote clock offset: 20.368 ms

Below is generated by plot.py at 2018-07-17 19:57:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.36 Mbit/s
95th percentile per-packet one-way delay: 34.654 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 52.63 Mbit/s
95th percentile per-packet one-way delay: 35.792 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 37.41 Mbit/s
95th percentile per-packet one-way delay: 32.969 ms
Loss rate: 0.11%
-- Flow 3:
Average throughput: 29.59 Mbit/s
95th percentile per-packet one-way delay: 34.186 ms
Loss rate: 0.06%

Run 10: Report of Copa — Data Link

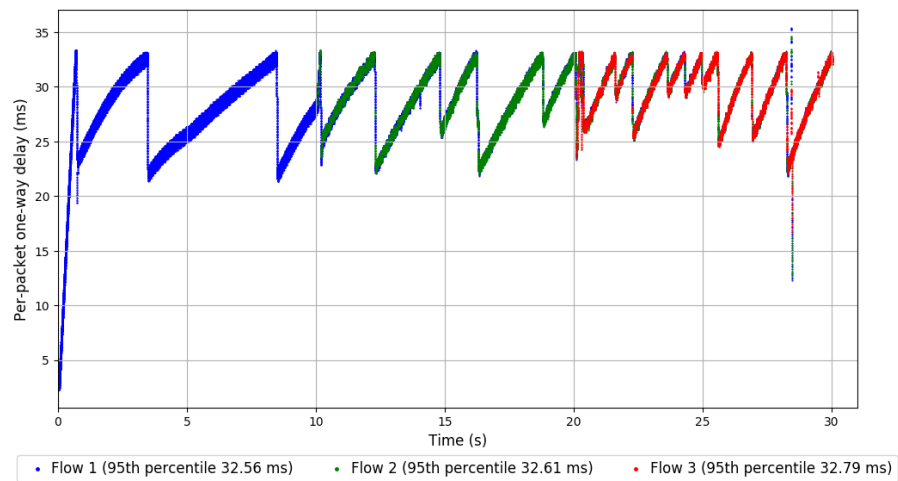
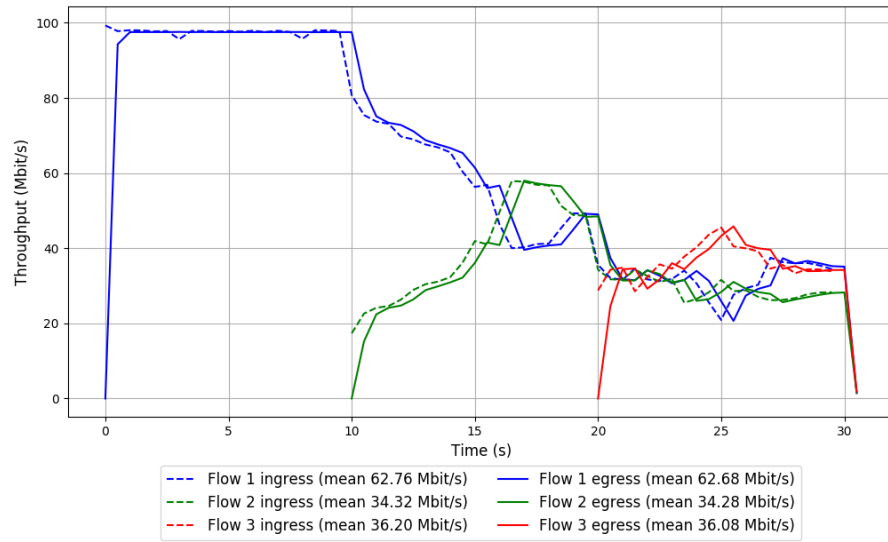


Run 1: Statistics of TCP Cubic

Start at: 2018-07-17 16:48:07
End at: 2018-07-17 16:48:37
Local clock offset: -6.034 ms
Remote clock offset: -0.647 ms

Below is generated by plot.py at 2018-07-17 19:57:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.47 Mbit/s
95th percentile per-packet one-way delay: 32.593 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 62.68 Mbit/s
95th percentile per-packet one-way delay: 32.557 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 34.28 Mbit/s
95th percentile per-packet one-way delay: 32.613 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 36.08 Mbit/s
95th percentile per-packet one-way delay: 32.789 ms
Loss rate: 0.31%

Run 1: Report of TCP Cubic — Data Link



Run 2: Statistics of TCP Cubic

Start at: 2018-07-17 17:07:20

End at: 2018-07-17 17:07:50

Local clock offset: -5.961 ms

Remote clock offset: 1.39 ms

Below is generated by plot.py at 2018-07-17 19:57:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.47 Mbit/s

95th percentile per-packet one-way delay: 32.787 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 63.23 Mbit/s

95th percentile per-packet one-way delay: 32.754 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 36.02 Mbit/s

95th percentile per-packet one-way delay: 32.831 ms

Loss rate: 0.08%

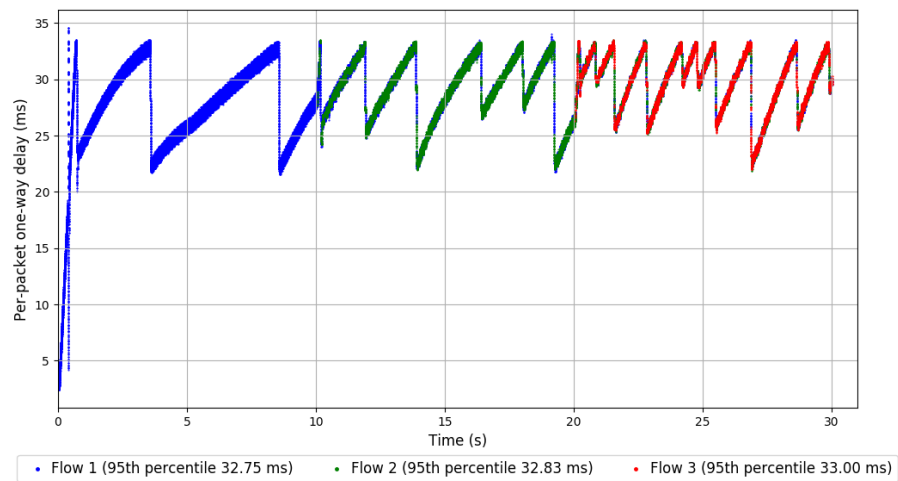
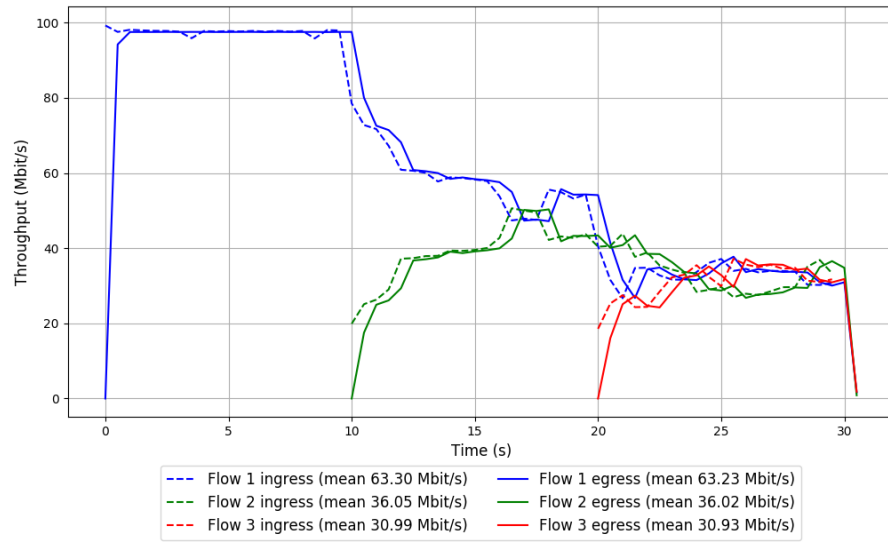
-- Flow 3:

Average throughput: 30.93 Mbit/s

95th percentile per-packet one-way delay: 33.002 ms

Loss rate: 0.17%

Run 2: Report of TCP Cubic — Data Link

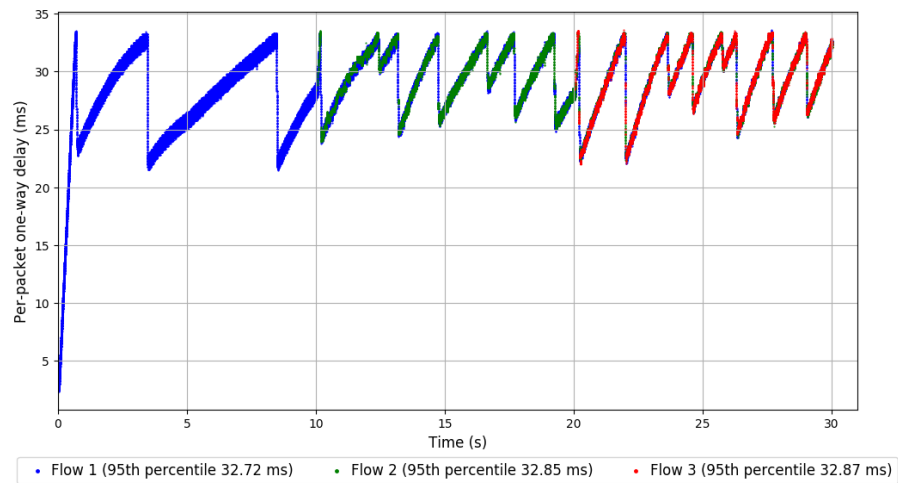
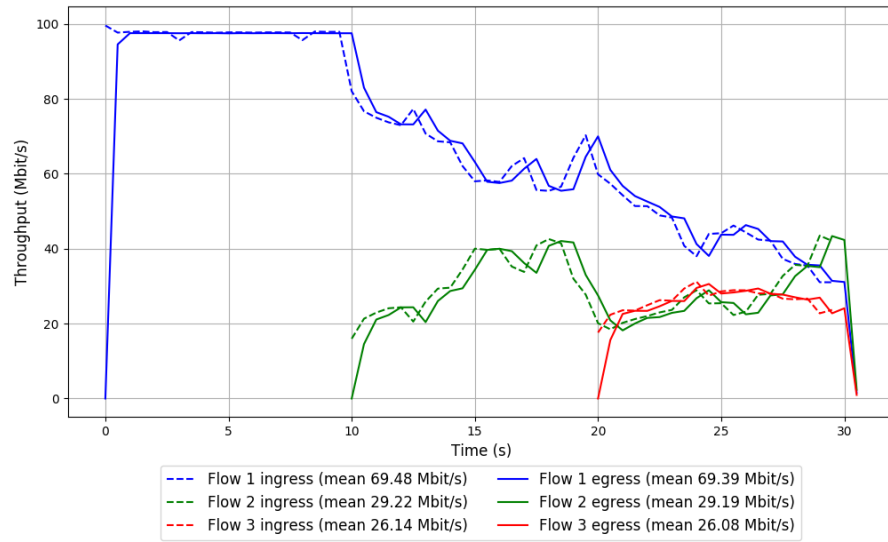


Run 3: Statistics of TCP Cubic

Start at: 2018-07-17 17:26:32
End at: 2018-07-17 17:27:02
Local clock offset: -5.876 ms
Remote clock offset: -2.053 ms

Below is generated by plot.py at 2018-07-17 19:57:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.782 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 69.39 Mbit/s
95th percentile per-packet one-way delay: 32.724 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 29.19 Mbit/s
95th percentile per-packet one-way delay: 32.848 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 26.08 Mbit/s
95th percentile per-packet one-way delay: 32.871 ms
Loss rate: 0.18%

Run 3: Report of TCP Cubic — Data Link

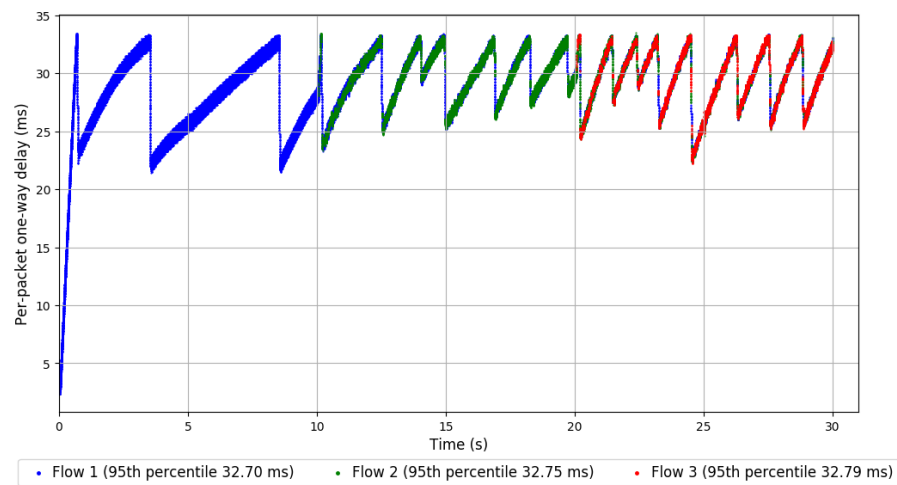
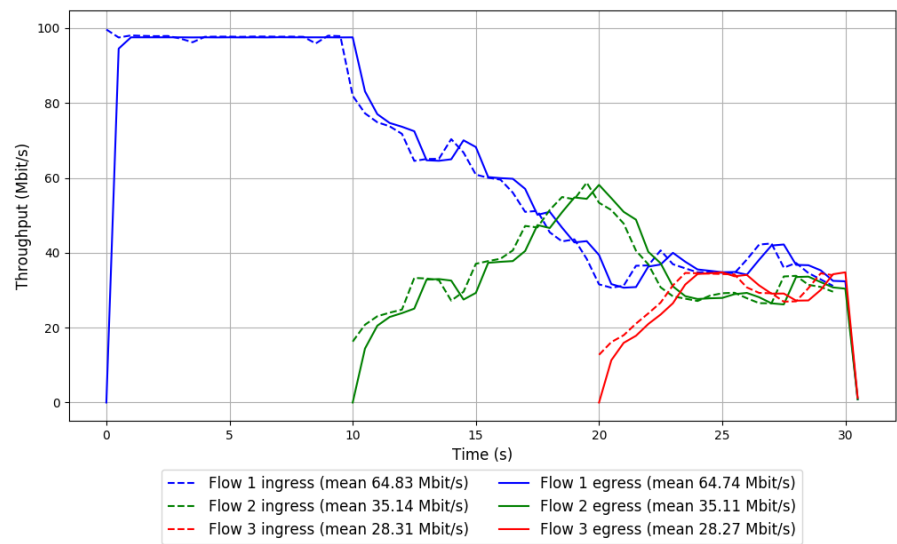


Run 4: Statistics of TCP Cubic

Start at: 2018-07-17 17:45:44
End at: 2018-07-17 17:46:14
Local clock offset: -5.945 ms
Remote clock offset: -3.425 ms

Below is generated by plot.py at 2018-07-17 19:57:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 32.730 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 64.74 Mbit/s
95th percentile per-packet one-way delay: 32.704 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 35.11 Mbit/s
95th percentile per-packet one-way delay: 32.749 ms
Loss rate: 0.08%
-- Flow 3:
Average throughput: 28.27 Mbit/s
95th percentile per-packet one-way delay: 32.792 ms
Loss rate: 0.13%

Run 4: Report of TCP Cubic — Data Link

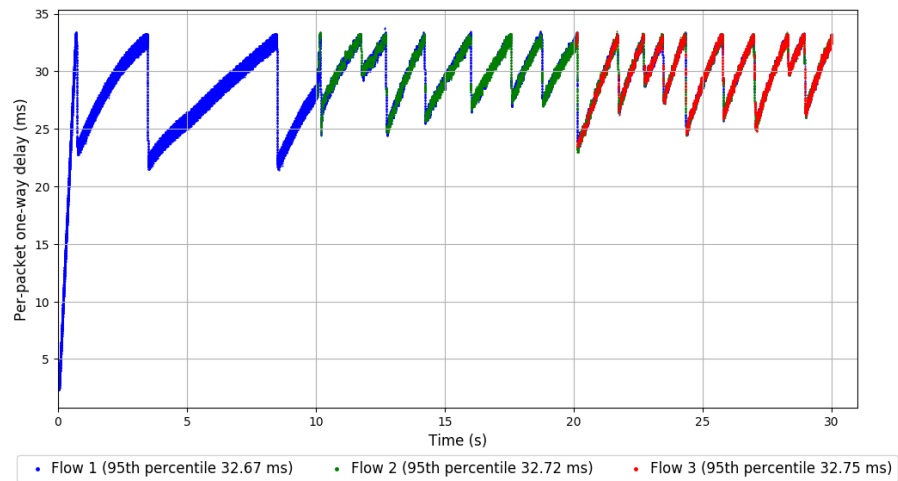
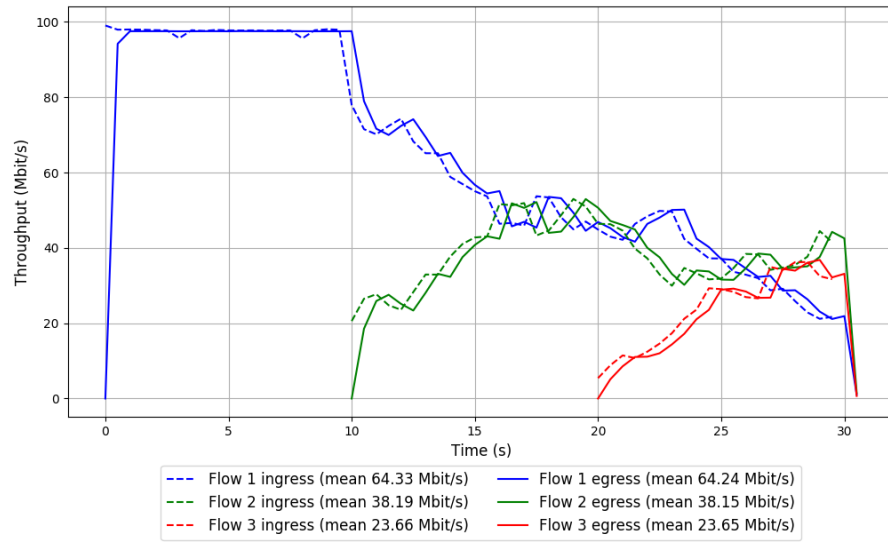


Run 5: Statistics of TCP Cubic

Start at: 2018-07-17 18:04:56
End at: 2018-07-17 18:05:26
Local clock offset: -5.579 ms
Remote clock offset: -2.262 ms

Below is generated by plot.py at 2018-07-17 19:57:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.696 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 64.24 Mbit/s
95th percentile per-packet one-way delay: 32.667 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 38.15 Mbit/s
95th percentile per-packet one-way delay: 32.720 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 23.65 Mbit/s
95th percentile per-packet one-way delay: 32.753 ms
Loss rate: 0.06%

Run 5: Report of TCP Cubic — Data Link

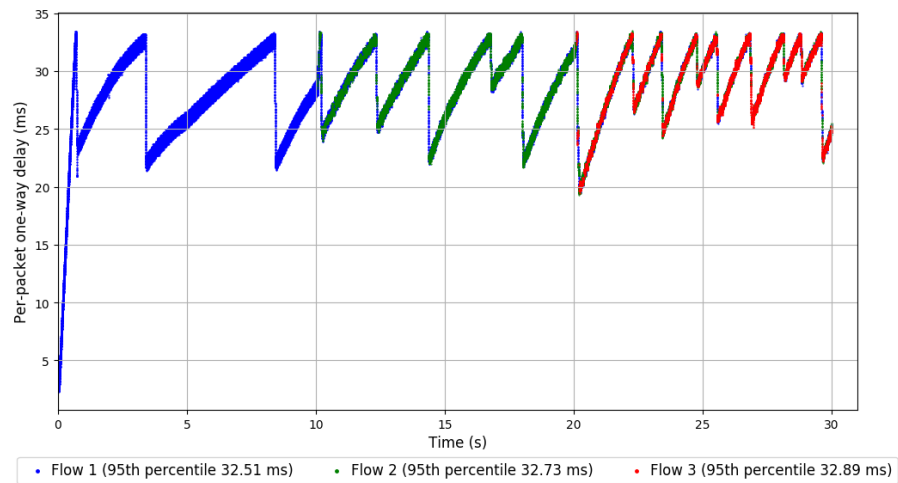
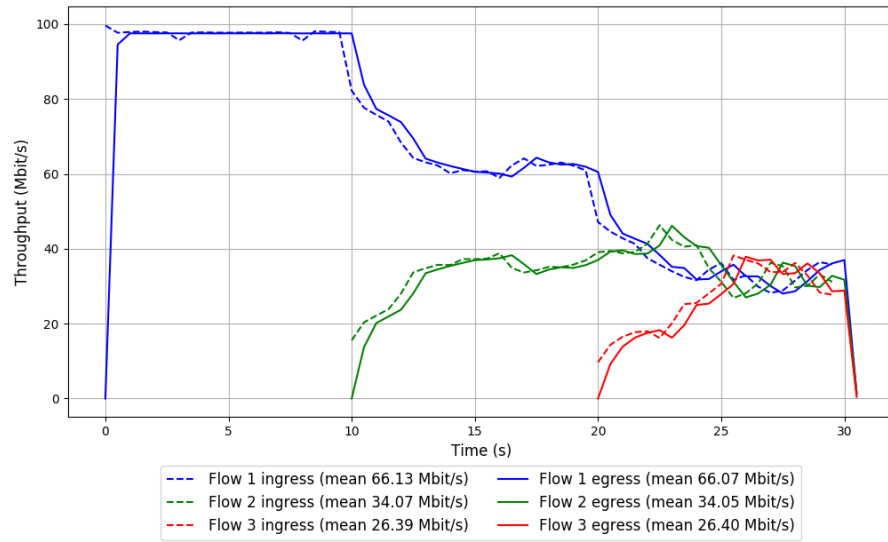


Run 6: Statistics of TCP Cubic

Start at: 2018-07-17 18:24:08
End at: 2018-07-17 18:24:38
Local clock offset: -5.356 ms
Remote clock offset: -1.956 ms

Below is generated by plot.py at 2018-07-17 19:57:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 32.682 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 66.07 Mbit/s
95th percentile per-packet one-way delay: 32.506 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 34.05 Mbit/s
95th percentile per-packet one-way delay: 32.731 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 26.40 Mbit/s
95th percentile per-packet one-way delay: 32.891 ms
Loss rate: 0.05%

Run 6: Report of TCP Cubic — Data Link

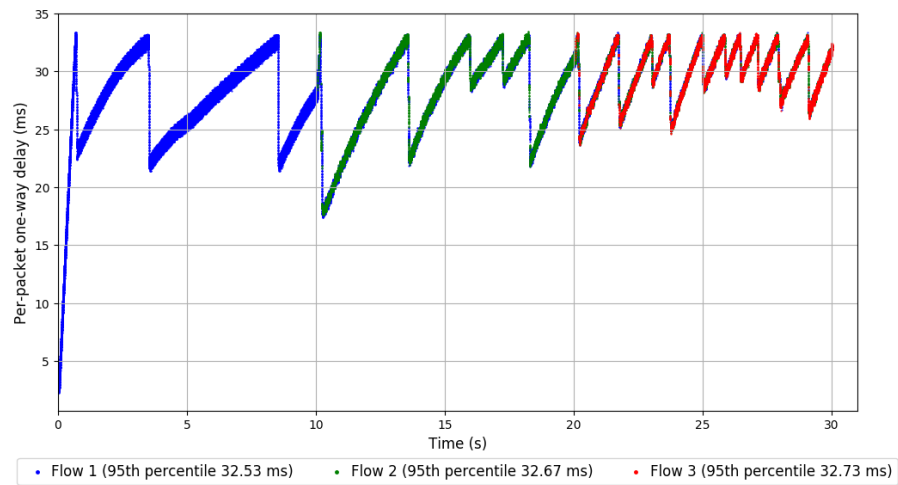
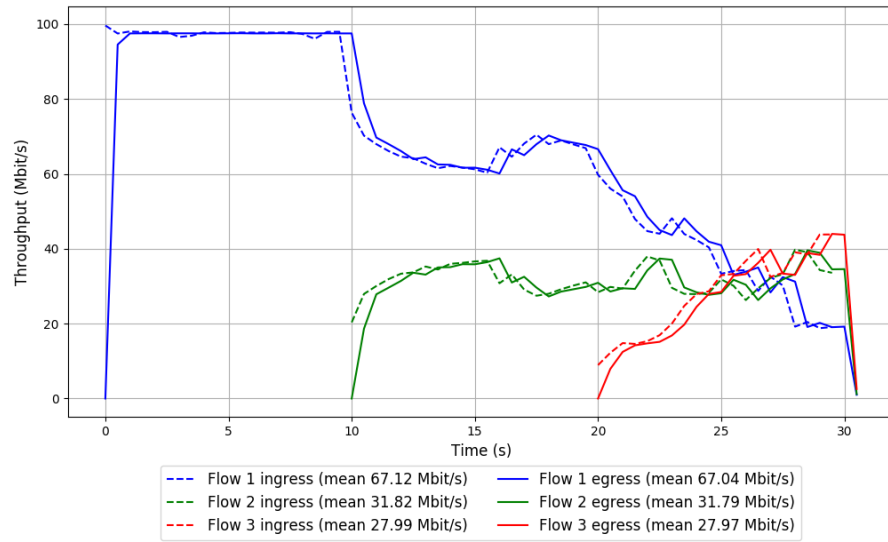


Run 7: Statistics of TCP Cubic

Start at: 2018-07-17 18:43:19
End at: 2018-07-17 18:43:49
Local clock offset: -5.248 ms
Remote clock offset: -2.137 ms

Below is generated by plot.py at 2018-07-17 19:57:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 32.639 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 67.04 Mbit/s
95th percentile per-packet one-way delay: 32.527 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 31.79 Mbit/s
95th percentile per-packet one-way delay: 32.674 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 27.97 Mbit/s
95th percentile per-packet one-way delay: 32.727 ms
Loss rate: 0.07%

Run 7: Report of TCP Cubic — Data Link



Run 8: Statistics of TCP Cubic

Start at: 2018-07-17 19:02:31

End at: 2018-07-17 19:03:01

Local clock offset: -5.552 ms

Remote clock offset: 6.396 ms

Below is generated by plot.py at 2018-07-17 19:57:52

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.39 Mbit/s

95th percentile per-packet one-way delay: 32.085 ms

Loss rate: 0.05%

-- Flow 1:

Average throughput: 67.74 Mbit/s

95th percentile per-packet one-way delay: 32.084 ms

Loss rate: 0.02%

-- Flow 2:

Average throughput: 31.57 Mbit/s

95th percentile per-packet one-way delay: 32.073 ms

Loss rate: 0.11%

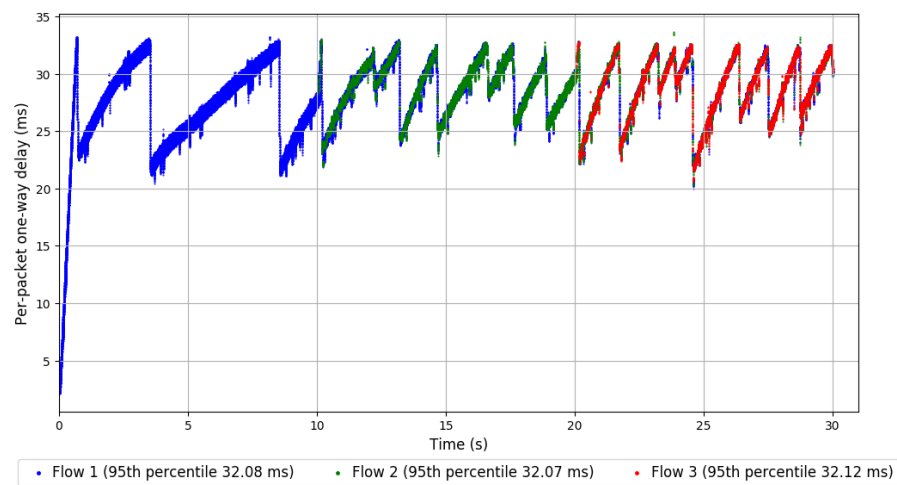
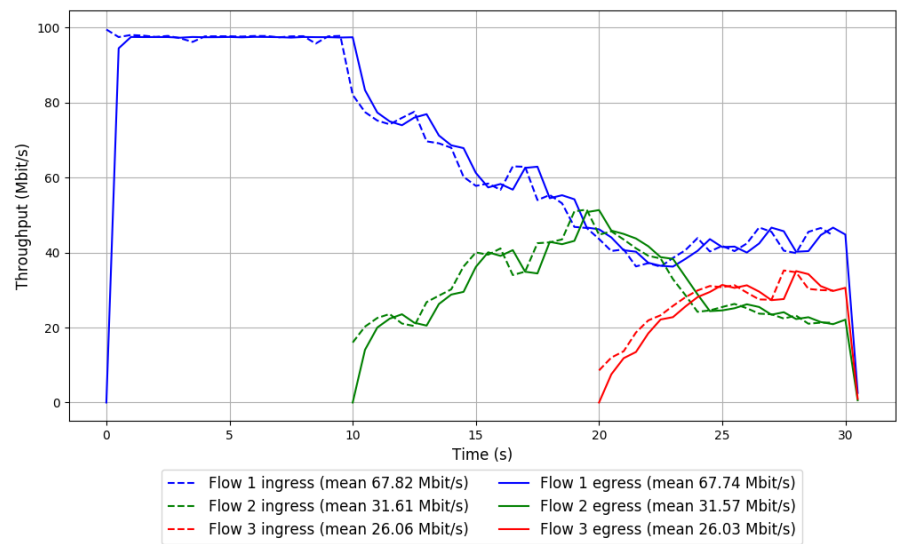
-- Flow 3:

Average throughput: 26.03 Mbit/s

95th percentile per-packet one-way delay: 32.122 ms

Loss rate: 0.10%

Run 8: Report of TCP Cubic — Data Link



Run 9: Statistics of TCP Cubic

Start at: 2018-07-17 19:21:43

End at: 2018-07-17 19:22:13

Local clock offset: -5.989 ms

Remote clock offset: 17.57 ms

Below is generated by plot.py at 2018-07-17 19:57:54

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.35 Mbit/s

95th percentile per-packet one-way delay: 32.275 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 65.55 Mbit/s

95th percentile per-packet one-way delay: 32.144 ms

Loss rate: 0.04%

-- Flow 2:

Average throughput: 34.64 Mbit/s

95th percentile per-packet one-way delay: 32.337 ms

Loss rate: 0.09%

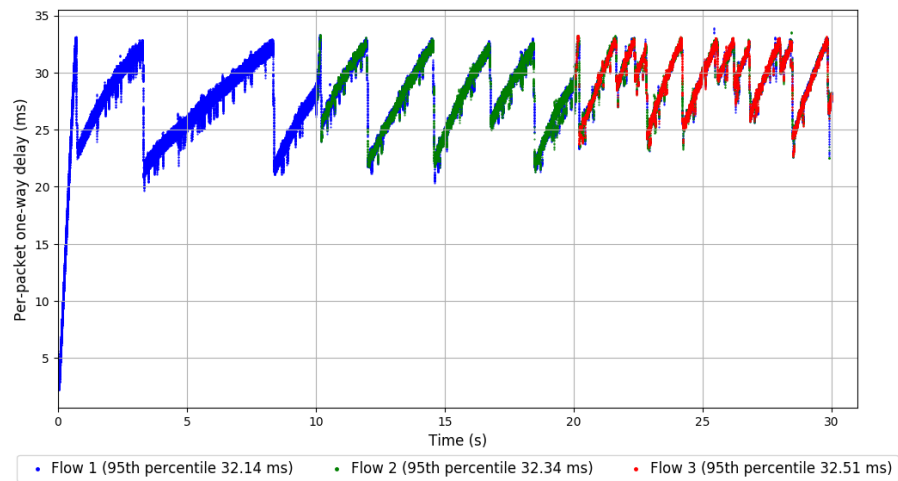
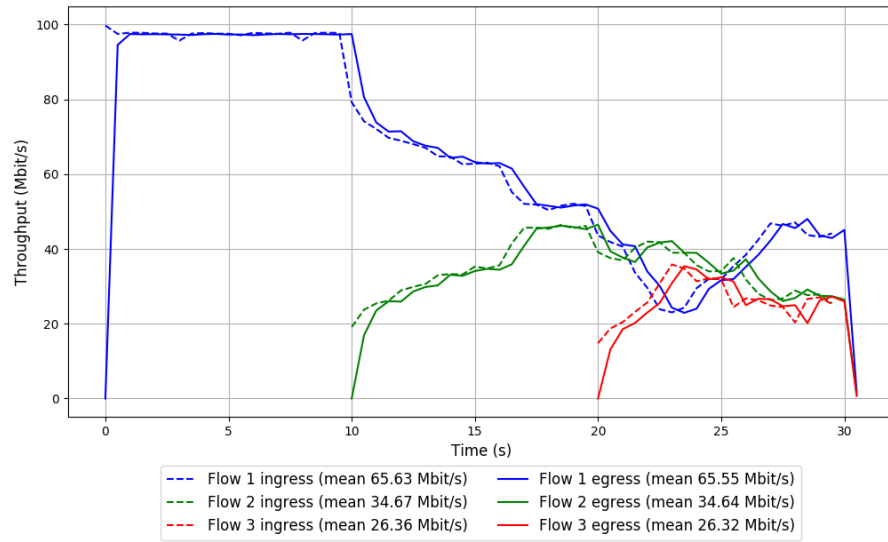
-- Flow 3:

Average throughput: 26.32 Mbit/s

95th percentile per-packet one-way delay: 32.513 ms

Loss rate: 0.15%

Run 9: Report of TCP Cubic — Data Link

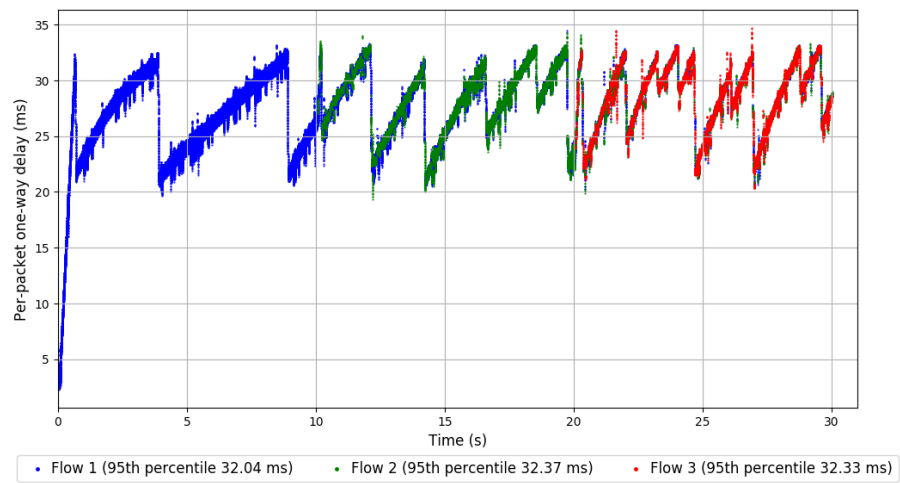
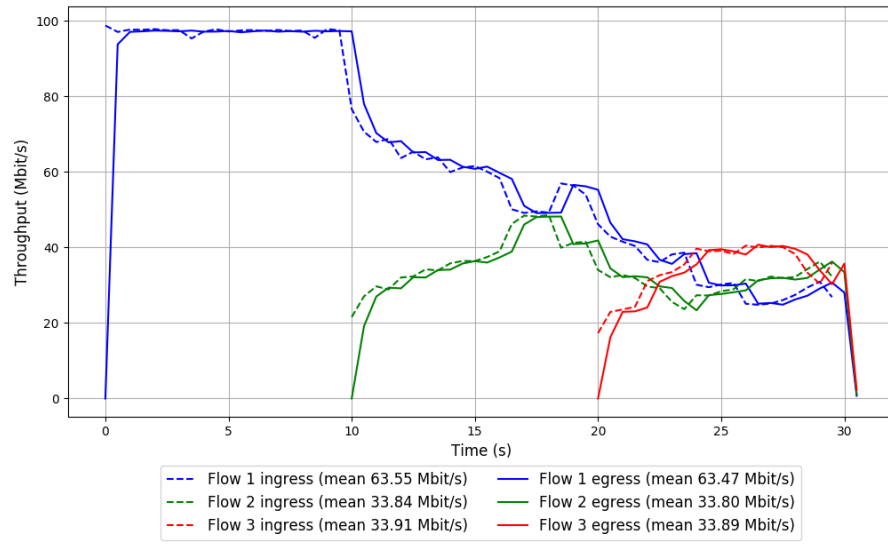


Run 10: Statistics of TCP Cubic

Start at: 2018-07-17 19:41:04
End at: 2018-07-17 19:41:34
Local clock offset: -6.182 ms
Remote clock offset: 22.641 ms

Below is generated by plot.py at 2018-07-17 19:57:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.24 Mbit/s
95th percentile per-packet one-way delay: 32.131 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 63.47 Mbit/s
95th percentile per-packet one-way delay: 32.041 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 33.80 Mbit/s
95th percentile per-packet one-way delay: 32.368 ms
Loss rate: 0.09%
-- Flow 3:
Average throughput: 33.89 Mbit/s
95th percentile per-packet one-way delay: 32.332 ms
Loss rate: 0.02%

Run 10: Report of TCP Cubic — Data Link



Run 1: Statistics of FillP

Start at: 2018-07-17 16:53:37

End at: 2018-07-17 16:54:07

Local clock offset: -6.025 ms

Remote clock offset: 0.059 ms

Below is generated by plot.py at 2018-07-17 19:59:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.97 Mbit/s

95th percentile per-packet one-way delay: 30.222 ms

Loss rate: 17.02%

-- Flow 1:

Average throughput: 53.40 Mbit/s

95th percentile per-packet one-way delay: 30.151 ms

Loss rate: 11.50%

-- Flow 2:

Average throughput: 48.08 Mbit/s

95th percentile per-packet one-way delay: 30.262 ms

Loss rate: 22.24%

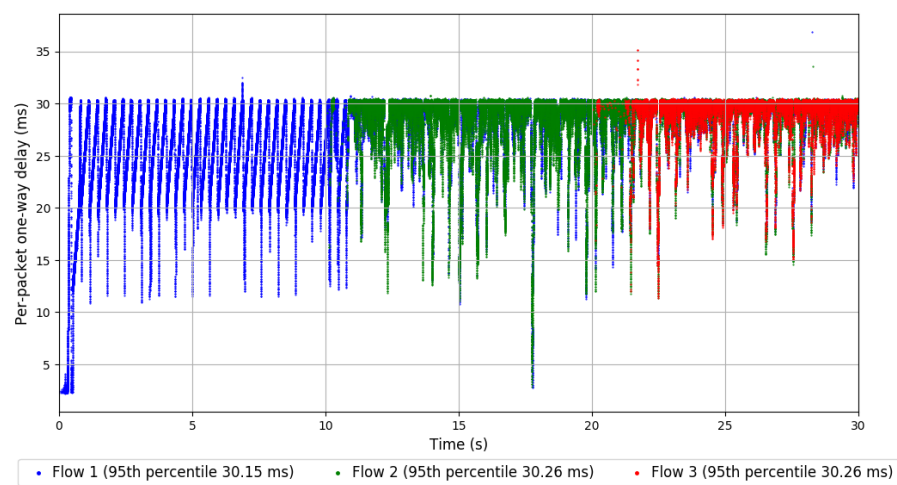
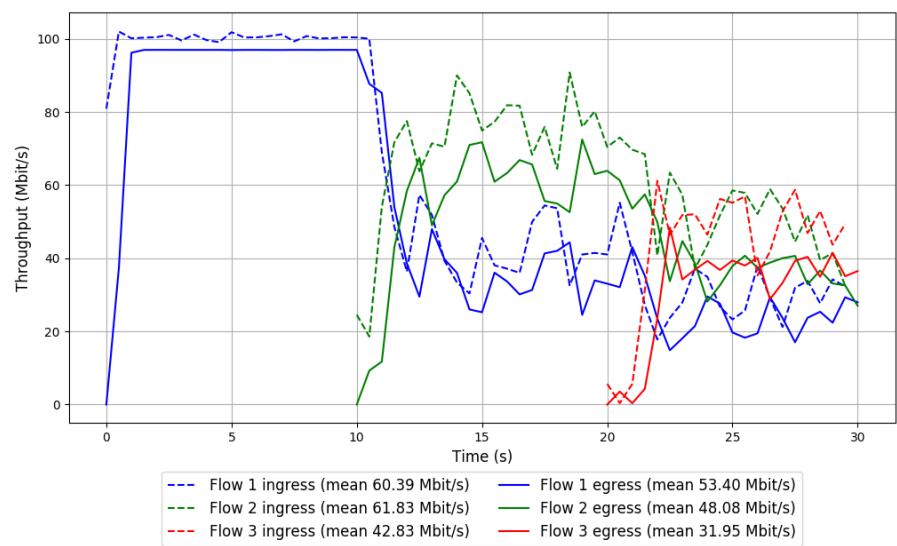
-- Flow 3:

Average throughput: 31.95 Mbit/s

95th percentile per-packet one-way delay: 30.260 ms

Loss rate: 25.41%

Run 1: Report of FillP — Data Link



Run 2: Statistics of FillP

Start at: 2018-07-17 17:12:49

End at: 2018-07-17 17:13:19

Local clock offset: -5.888 ms

Remote clock offset: 1.639 ms

Below is generated by plot.py at 2018-07-17 19:59:04

Datalink statistics

-- Total of 3 flows:

Average throughput: 95.97 Mbit/s

95th percentile per-packet one-way delay: 30.182 ms

Loss rate: 17.87%

-- Flow 1:

Average throughput: 55.46 Mbit/s

95th percentile per-packet one-way delay: 30.121 ms

Loss rate: 12.41%

-- Flow 2:

Average throughput: 42.33 Mbit/s

95th percentile per-packet one-way delay: 30.219 ms

Loss rate: 24.11%

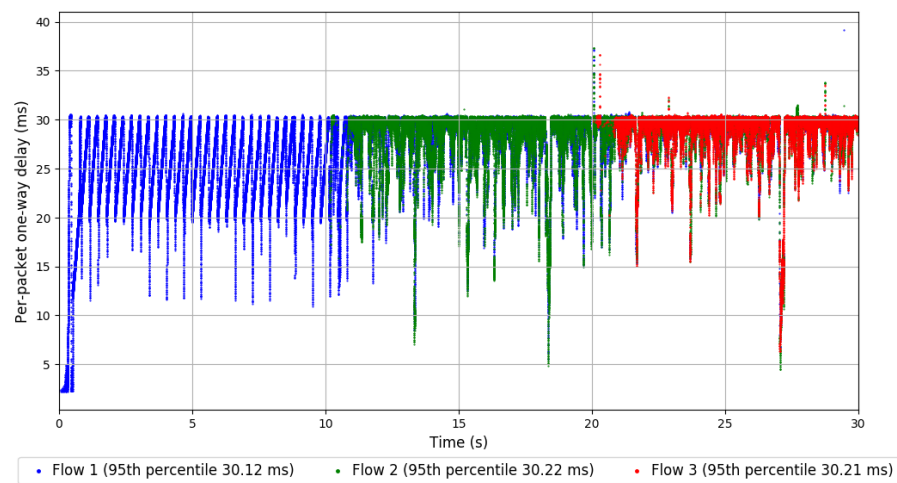
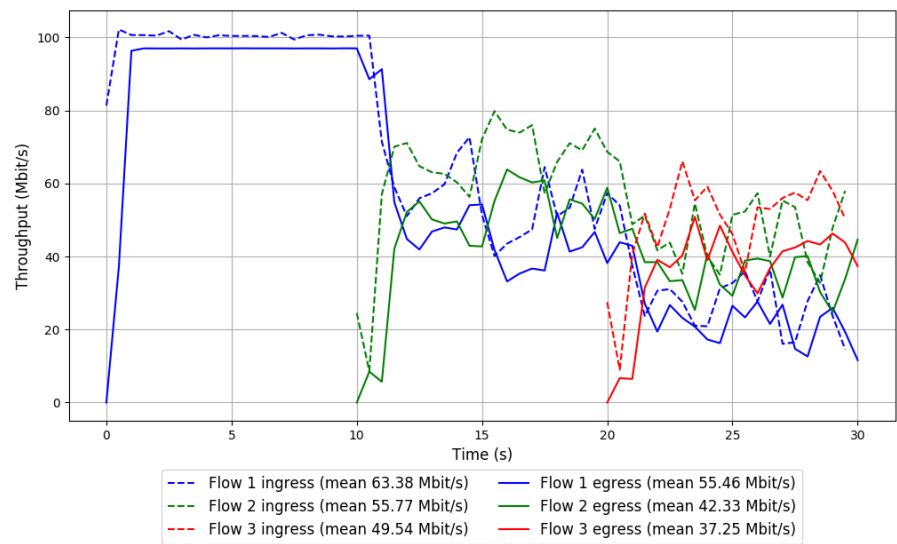
-- Flow 3:

Average throughput: 37.25 Mbit/s

95th percentile per-packet one-way delay: 30.215 ms

Loss rate: 24.81%

Run 2: Report of FillP — Data Link

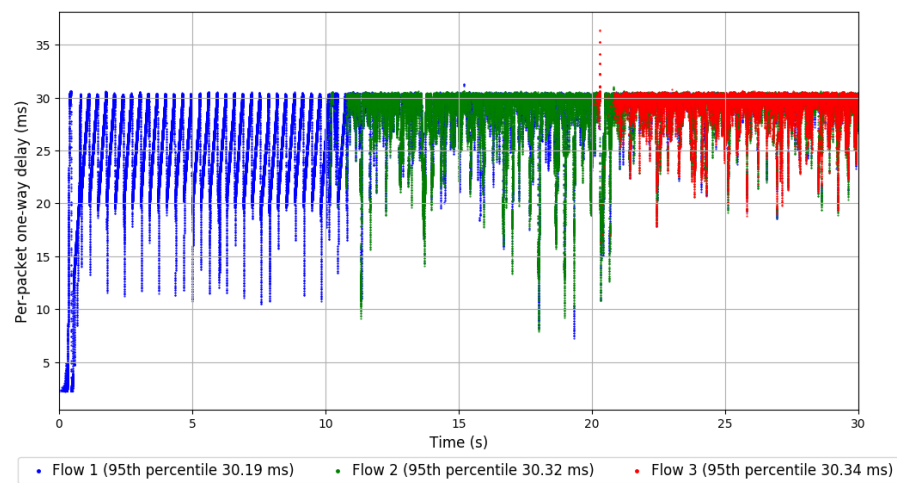
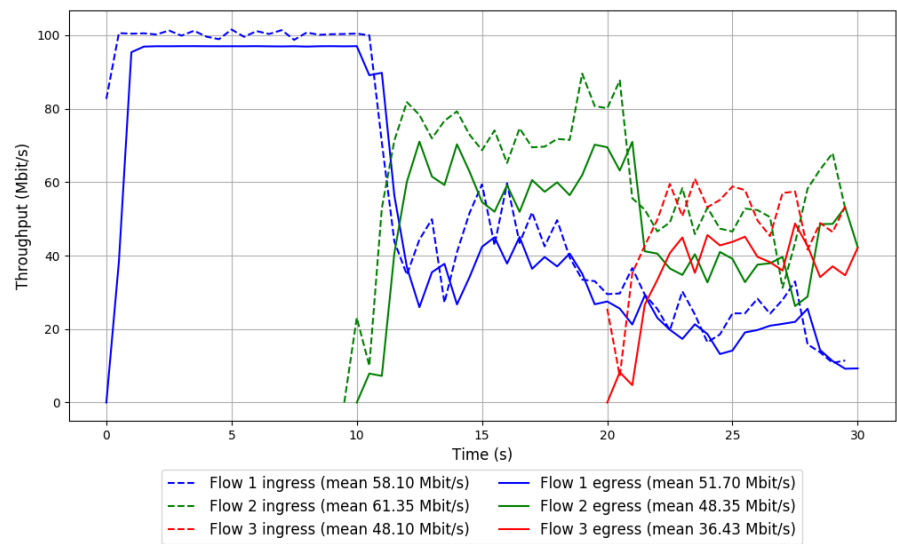


Run 3: Statistics of FillP

Start at: 2018-07-17 17:32:01
End at: 2018-07-17 17:32:31
Local clock offset: -5.883 ms
Remote clock offset: -2.776 ms

Below is generated by plot.py at 2018-07-17 19:59:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.97 Mbit/s
95th percentile per-packet one-way delay: 30.283 ms
Loss rate: 16.42%
-- Flow 1:
Average throughput: 51.70 Mbit/s
95th percentile per-packet one-way delay: 30.193 ms
Loss rate: 10.93%
-- Flow 2:
Average throughput: 48.35 Mbit/s
95th percentile per-packet one-way delay: 30.322 ms
Loss rate: 21.17%
-- Flow 3:
Average throughput: 36.43 Mbit/s
95th percentile per-packet one-way delay: 30.339 ms
Loss rate: 24.25%

Run 3: Report of FillP — Data Link

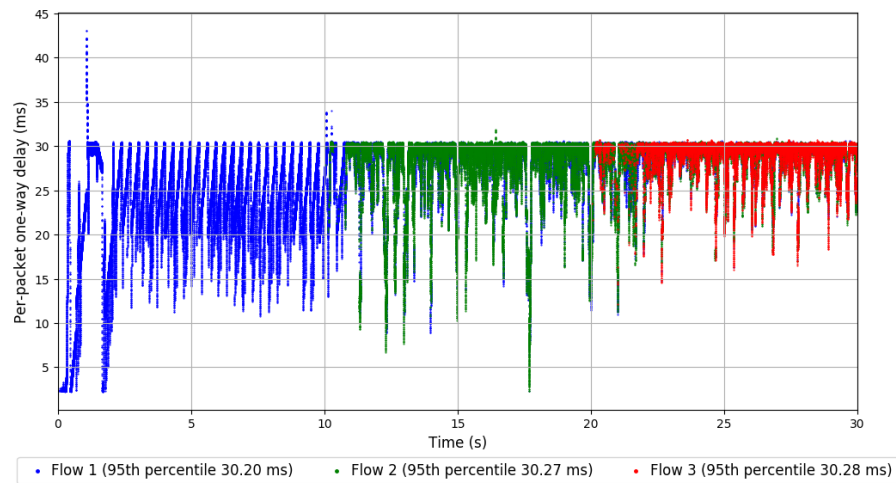
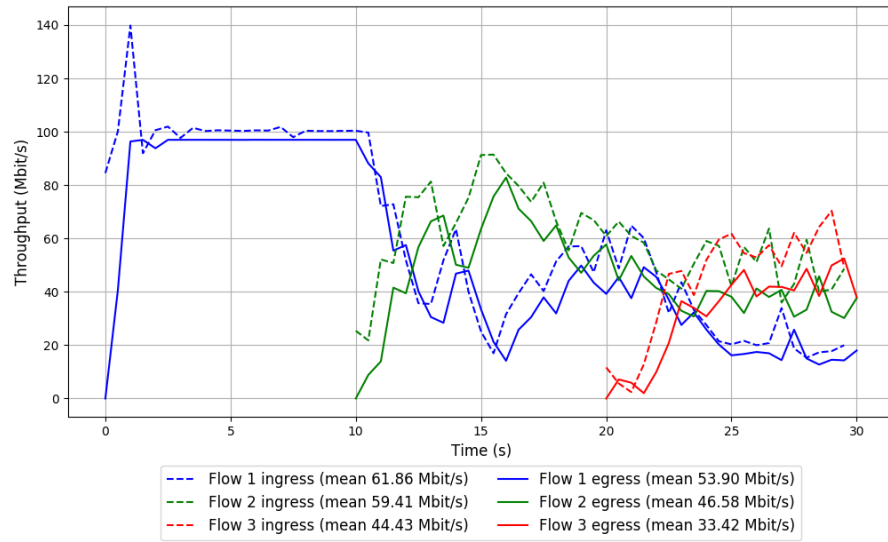


Run 4: Statistics of FillP

Start at: 2018-07-17 17:51:13
End at: 2018-07-17 17:51:43
Local clock offset: -5.879 ms
Remote clock offset: -3.143 ms

Below is generated by plot.py at 2018-07-17 19:59:22
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.97 Mbit/s
95th percentile per-packet one-way delay: 30.243 ms
Loss rate: 17.30%
-- Flow 1:
Average throughput: 53.90 Mbit/s
95th percentile per-packet one-way delay: 30.197 ms
Loss rate: 12.78%
-- Flow 2:
Average throughput: 46.58 Mbit/s
95th percentile per-packet one-way delay: 30.269 ms
Loss rate: 21.58%
-- Flow 3:
Average throughput: 33.42 Mbit/s
95th percentile per-packet one-way delay: 30.278 ms
Loss rate: 24.72%

Run 4: Report of FillP — Data Link

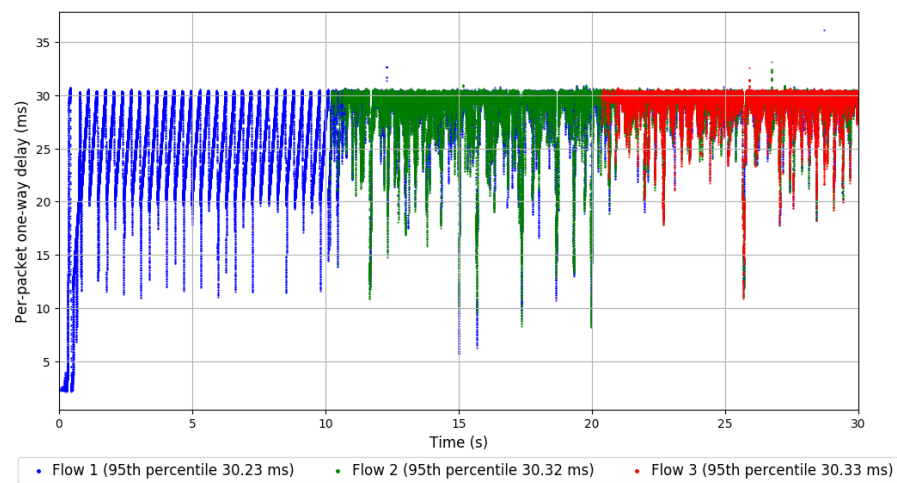
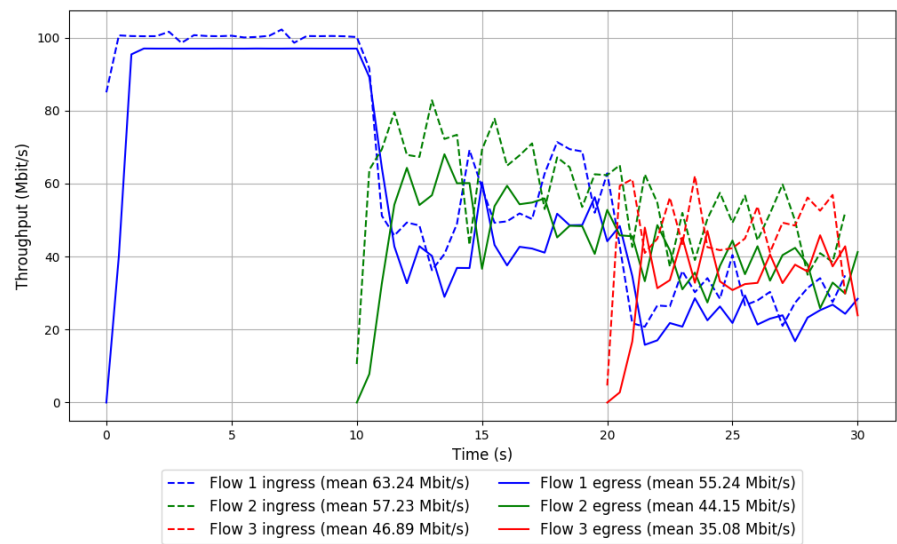


Run 5: Statistics of FillP

Start at: 2018-07-17 18:10:25
End at: 2018-07-17 18:10:55
Local clock offset: -5.491 ms
Remote clock offset: -2.138 ms

Below is generated by plot.py at 2018-07-17 19:59:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.01 Mbit/s
95th percentile per-packet one-way delay: 30.289 ms
Loss rate: 17.81%
-- Flow 1:
Average throughput: 55.24 Mbit/s
95th percentile per-packet one-way delay: 30.227 ms
Loss rate: 12.57%
-- Flow 2:
Average throughput: 44.15 Mbit/s
95th percentile per-packet one-way delay: 30.320 ms
Loss rate: 22.86%
-- Flow 3:
Average throughput: 35.08 Mbit/s
95th percentile per-packet one-way delay: 30.332 ms
Loss rate: 26.70%

Run 5: Report of FillP — Data Link

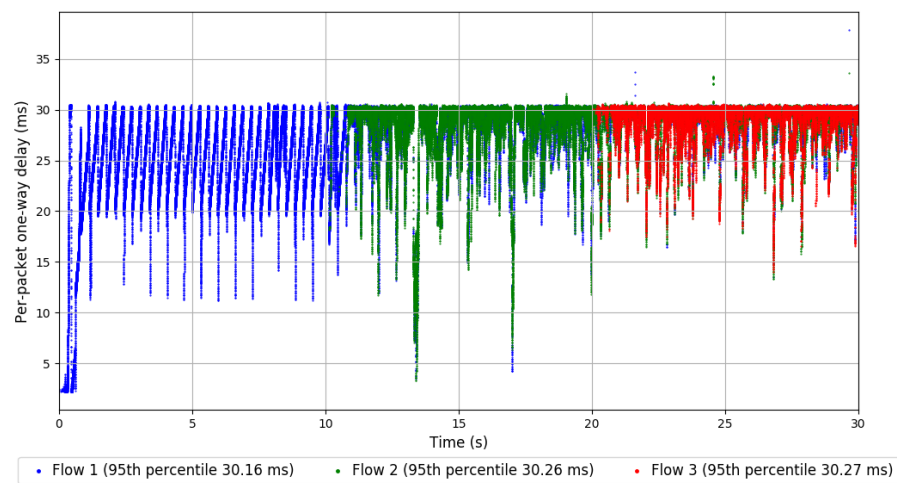
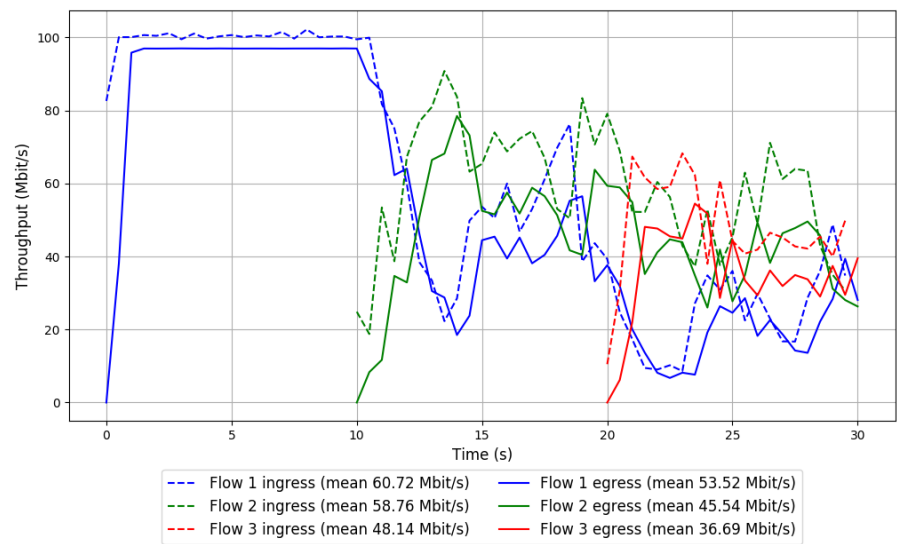


Run 6: Statistics of FillP

Start at: 2018-07-17 18:29:37
End at: 2018-07-17 18:30:07
Local clock offset: -5.295 ms
Remote clock offset: -2.112 ms

Below is generated by plot.py at 2018-07-17 19:59:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.98 Mbit/s
95th percentile per-packet one-way delay: 30.230 ms
Loss rate: 17.05%
-- Flow 1:
Average throughput: 53.52 Mbit/s
95th percentile per-packet one-way delay: 30.163 ms
Loss rate: 11.78%
-- Flow 2:
Average throughput: 45.54 Mbit/s
95th percentile per-packet one-way delay: 30.264 ms
Loss rate: 22.49%
-- Flow 3:
Average throughput: 36.69 Mbit/s
95th percentile per-packet one-way delay: 30.272 ms
Loss rate: 23.77%

Run 6: Report of FillP — Data Link

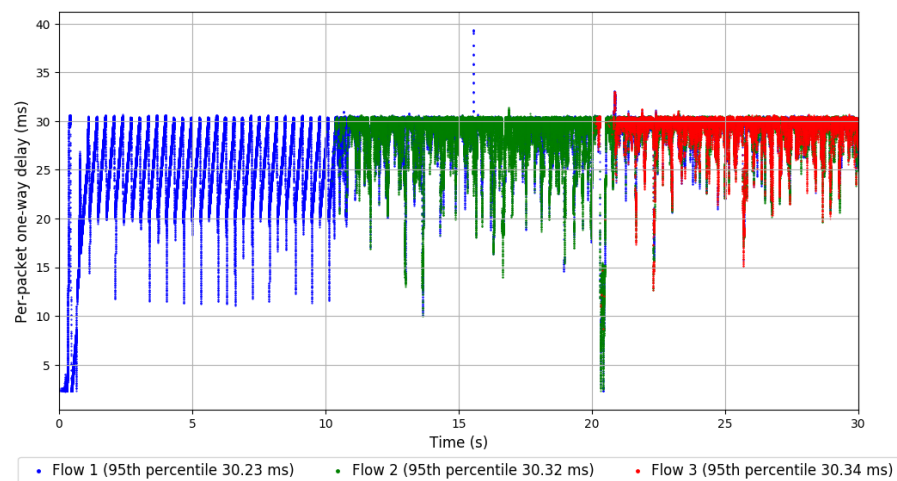
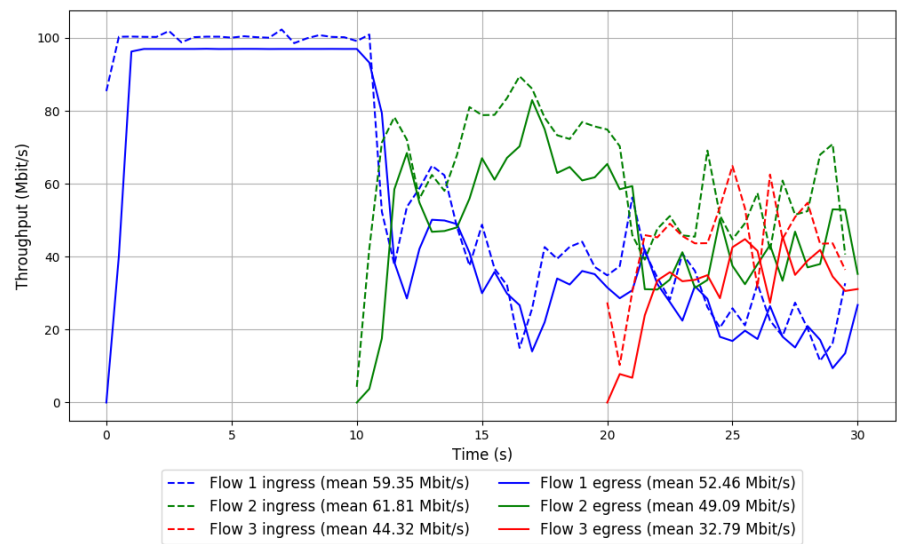


Run 7: Statistics of FillP

Start at: 2018-07-17 18:48:49
End at: 2018-07-17 18:49:19
Local clock offset: -5.211 ms
Remote clock offset: -2.078 ms

Below is generated by plot.py at 2018-07-17 19:59:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.99 Mbit/s
95th percentile per-packet one-way delay: 30.293 ms
Loss rate: 16.61%
-- Flow 1:
Average throughput: 52.46 Mbit/s
95th percentile per-packet one-way delay: 30.231 ms
Loss rate: 11.53%
-- Flow 2:
Average throughput: 49.09 Mbit/s
95th percentile per-packet one-way delay: 30.320 ms
Loss rate: 20.58%
-- Flow 3:
Average throughput: 32.79 Mbit/s
95th percentile per-packet one-way delay: 30.338 ms
Loss rate: 26.02%

Run 7: Report of FillP — Data Link

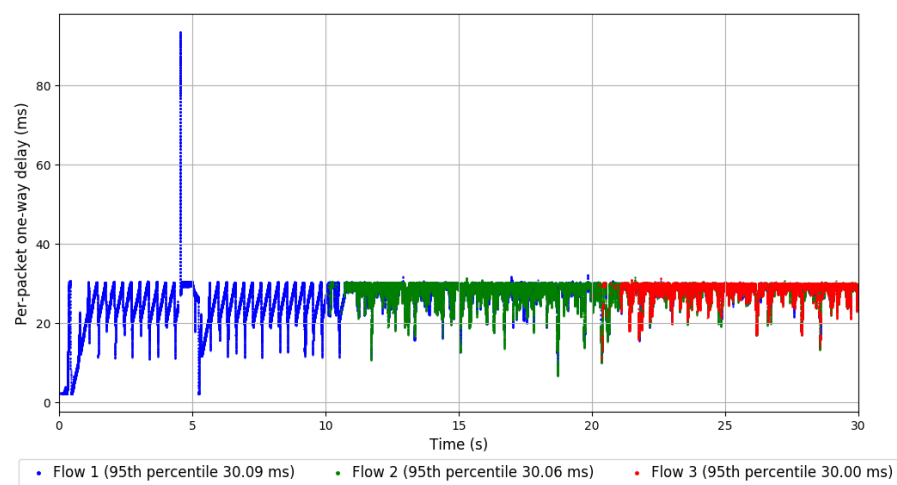
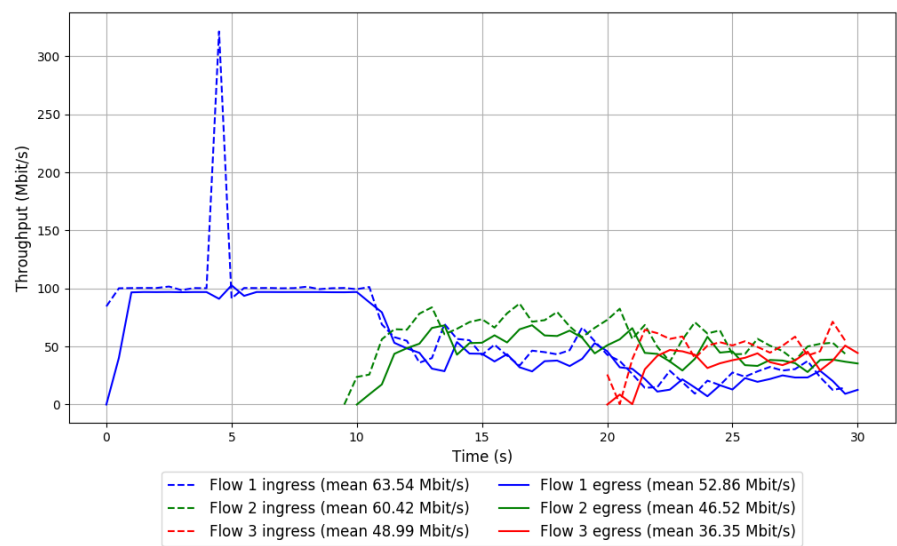


Run 8: Statistics of FillP

Start at: 2018-07-17 19:08:00
End at: 2018-07-17 19:08:30
Local clock offset: -5.798 ms
Remote clock offset: 11.285 ms

Below is generated by plot.py at 2018-07-17 19:59:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.88 Mbit/s
95th percentile per-packet one-way delay: 30.062 ms
Loss rate: 20.07%
-- Flow 1:
Average throughput: 52.86 Mbit/s
95th percentile per-packet one-way delay: 30.087 ms
Loss rate: 16.74%
-- Flow 2:
Average throughput: 46.52 Mbit/s
95th percentile per-packet one-way delay: 30.063 ms
Loss rate: 23.00%
-- Flow 3:
Average throughput: 36.35 Mbit/s
95th percentile per-packet one-way delay: 29.999 ms
Loss rate: 25.79%

Run 8: Report of FillP — Data Link

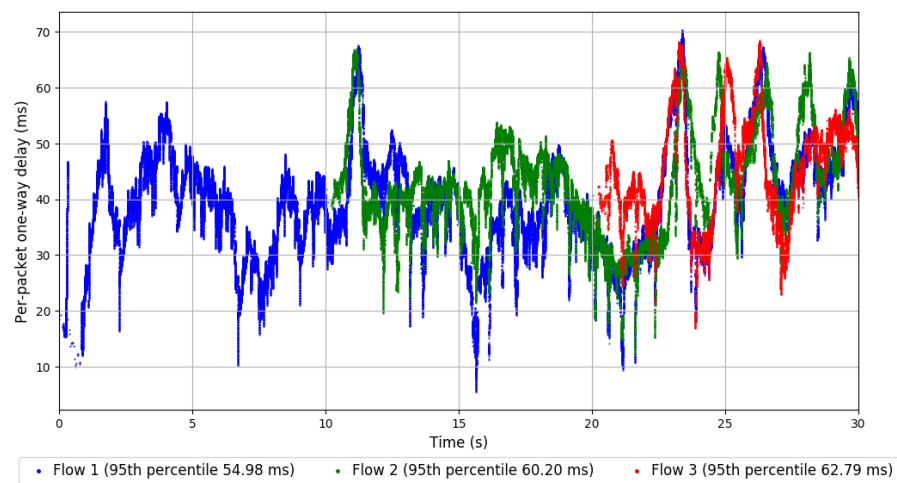
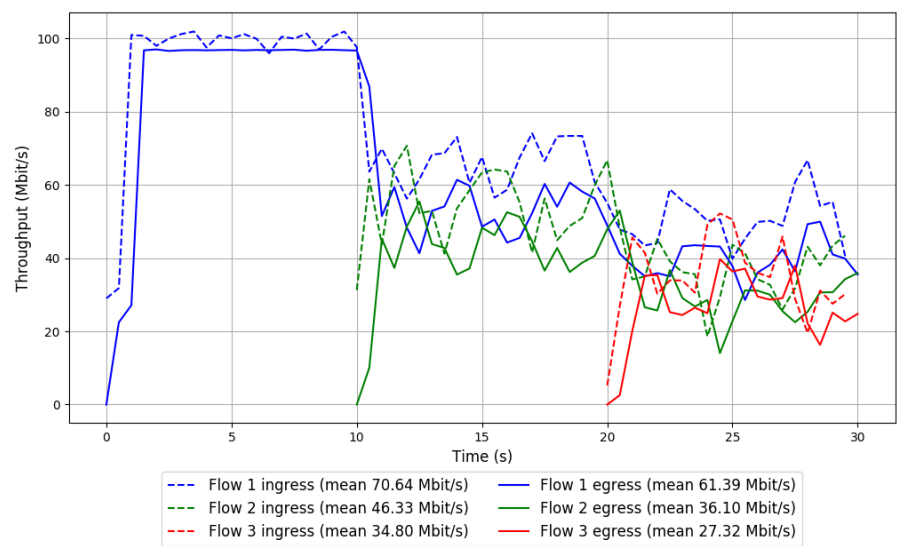


Run 9: Statistics of FillP

Start at: 2018-07-17 19:27:21
End at: 2018-07-17 19:27:51
Local clock offset: 8.55 ms
Remote clock offset: 19.257 ms

Below is generated by plot.py at 2018-07-17 20:00:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.48 Mbit/s
95th percentile per-packet one-way delay: 58.128 ms
Loss rate: 16.35%
-- Flow 1:
Average throughput: 61.39 Mbit/s
95th percentile per-packet one-way delay: 54.980 ms
Loss rate: 13.02%
-- Flow 2:
Average throughput: 36.10 Mbit/s
95th percentile per-packet one-way delay: 60.201 ms
Loss rate: 22.05%
-- Flow 3:
Average throughput: 27.32 Mbit/s
95th percentile per-packet one-way delay: 62.786 ms
Loss rate: 21.48%

Run 9: Report of FillP — Data Link

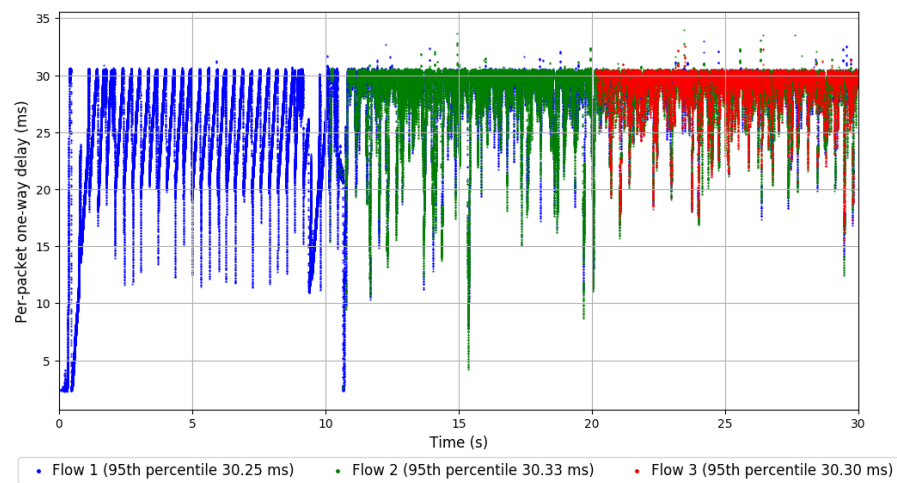
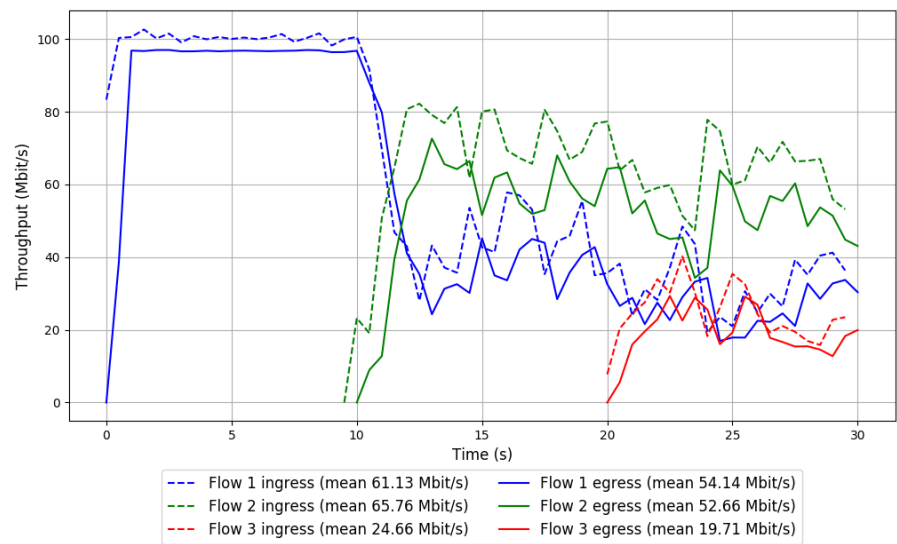


Run 10: Statistics of FillP

Start at: 2018-07-17 19:46:33
End at: 2018-07-17 19:47:03
Local clock offset: -6.289 ms
Remote clock offset: 23.961 ms

Below is generated by plot.py at 2018-07-17 20:00:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.73 Mbit/s
95th percentile per-packet one-way delay: 30.294 ms
Loss rate: 15.29%
-- Flow 1:
Average throughput: 54.14 Mbit/s
95th percentile per-packet one-way delay: 30.251 ms
Loss rate: 11.35%
-- Flow 2:
Average throughput: 52.66 Mbit/s
95th percentile per-packet one-way delay: 30.334 ms
Loss rate: 19.91%
-- Flow 3:
Average throughput: 19.71 Mbit/s
95th percentile per-packet one-way delay: 30.296 ms
Loss rate: 19.96%

Run 10: Report of FillP — Data Link

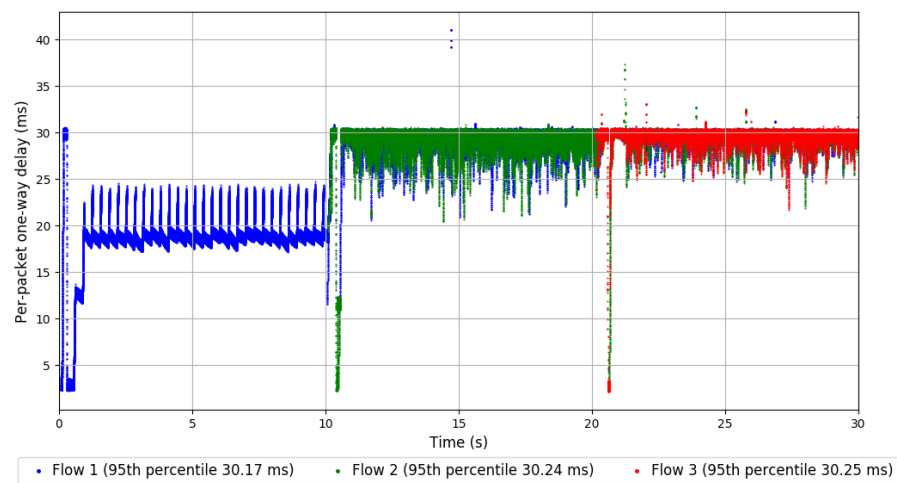
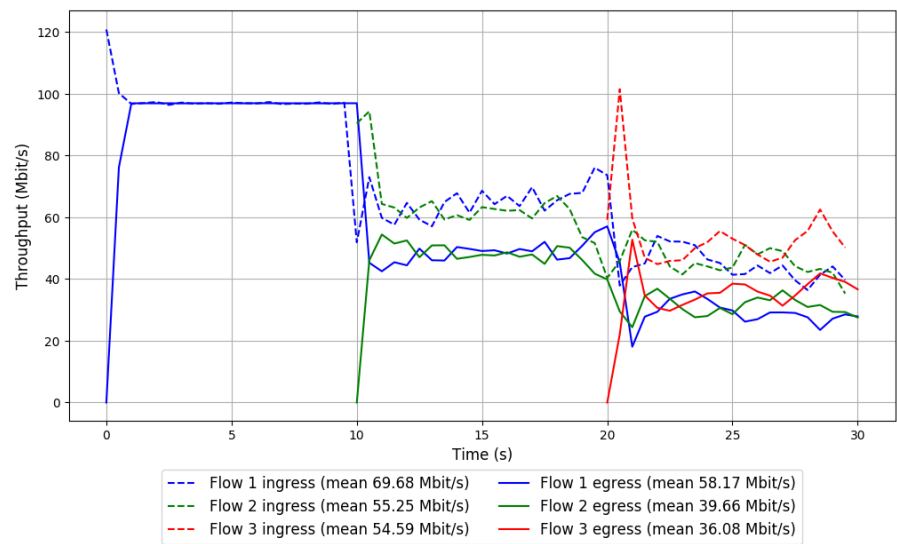


Run 1: Statistics of FillP-Sheep

Start at: 2018-07-17 16:44:43
End at: 2018-07-17 16:45:13
Local clock offset: -5.96 ms
Remote clock offset: -1.123 ms

Below is generated by plot.py at 2018-07-17 20:00:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.50 Mbit/s
95th percentile per-packet one-way delay: 30.213 ms
Loss rate: 22.44%
-- Flow 1:
Average throughput: 58.17 Mbit/s
95th percentile per-packet one-way delay: 30.169 ms
Loss rate: 16.45%
-- Flow 2:
Average throughput: 39.66 Mbit/s
95th percentile per-packet one-way delay: 30.240 ms
Loss rate: 28.17%
-- Flow 3:
Average throughput: 36.08 Mbit/s
95th percentile per-packet one-way delay: 30.248 ms
Loss rate: 33.91%

Run 1: Report of FillP-Sheep — Data Link



Run 2: Statistics of FillP-Sheep

Start at: 2018-07-17 17:03:56

End at: 2018-07-17 17:04:26

Local clock offset: -5.923 ms

Remote clock offset: 1.057 ms

Below is generated by plot.py at 2018-07-17 20:00:56

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.36 Mbit/s

95th percentile per-packet one-way delay: 30.263 ms

Loss rate: 22.00%

-- Flow 1:

Average throughput: 59.47 Mbit/s

95th percentile per-packet one-way delay: 30.210 ms

Loss rate: 16.03%

-- Flow 2:

Average throughput: 42.16 Mbit/s

95th percentile per-packet one-way delay: 30.303 ms

Loss rate: 29.03%

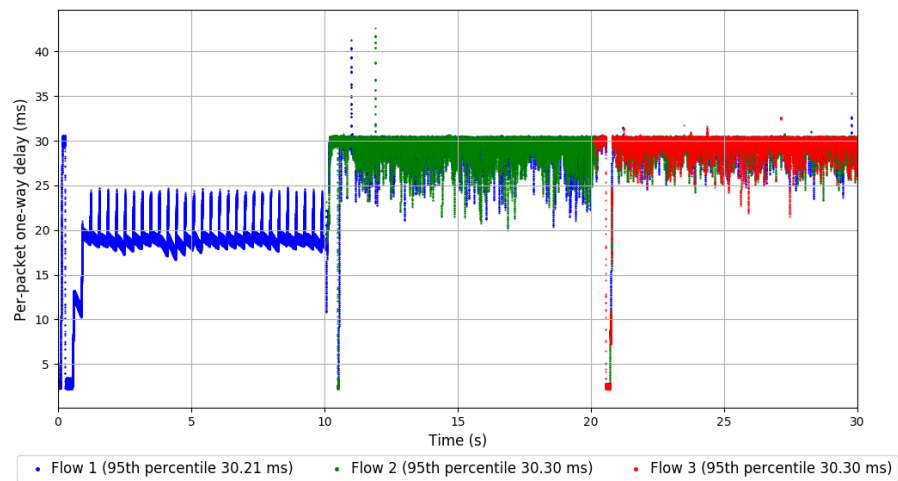
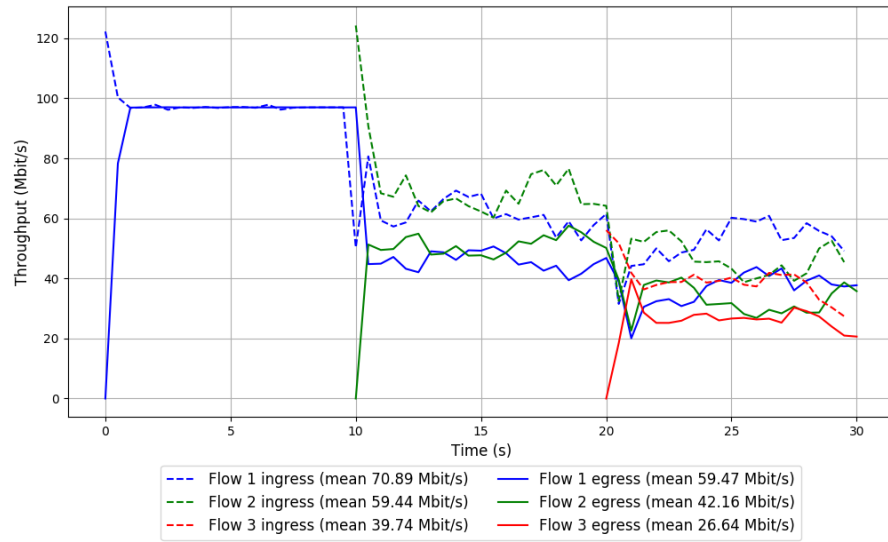
-- Flow 3:

Average throughput: 26.64 Mbit/s

95th percentile per-packet one-way delay: 30.299 ms

Loss rate: 32.96%

Run 2: Report of FillP-Sheep — Data Link

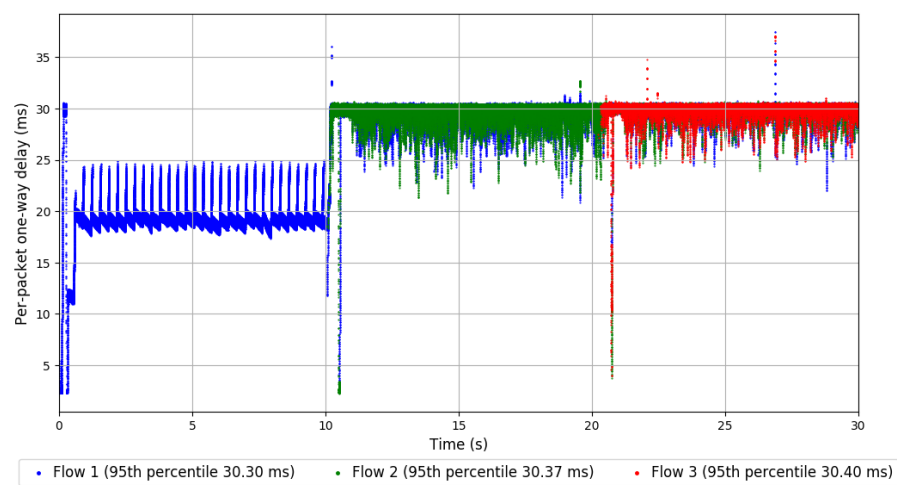
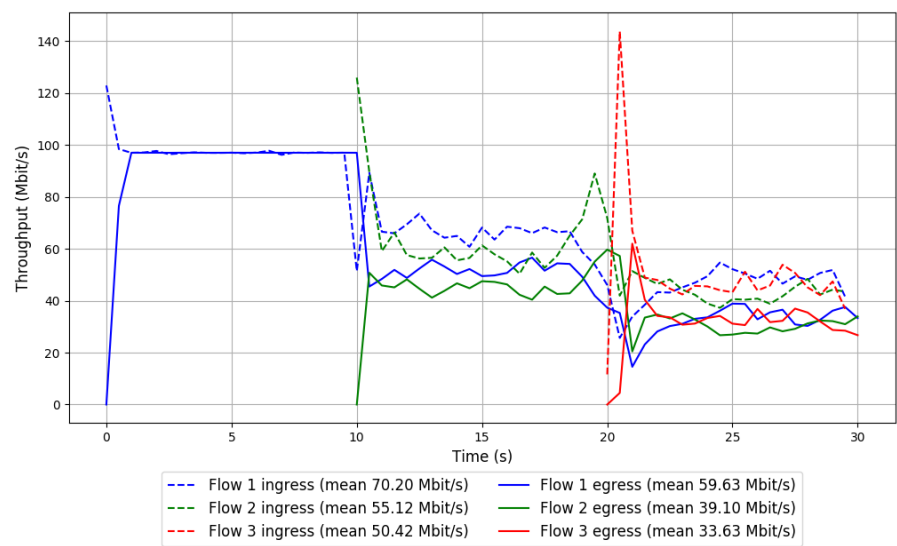


Run 3: Statistics of FillP-Sheep

Start at: 2018-07-17 17:23:08
End at: 2018-07-17 17:23:38
Local clock offset: -5.861 ms
Remote clock offset: -1.518 ms

Below is generated by plot.py at 2018-07-17 20:00:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.58 Mbit/s
95th percentile per-packet one-way delay: 30.347 ms
Loss rate: 21.81%
-- Flow 1:
Average throughput: 59.63 Mbit/s
95th percentile per-packet one-way delay: 30.295 ms
Loss rate: 14.98%
-- Flow 2:
Average throughput: 39.10 Mbit/s
95th percentile per-packet one-way delay: 30.372 ms
Loss rate: 29.03%
-- Flow 3:
Average throughput: 33.63 Mbit/s
95th percentile per-packet one-way delay: 30.402 ms
Loss rate: 34.63%

Run 3: Report of FillP-Sheep — Data Link

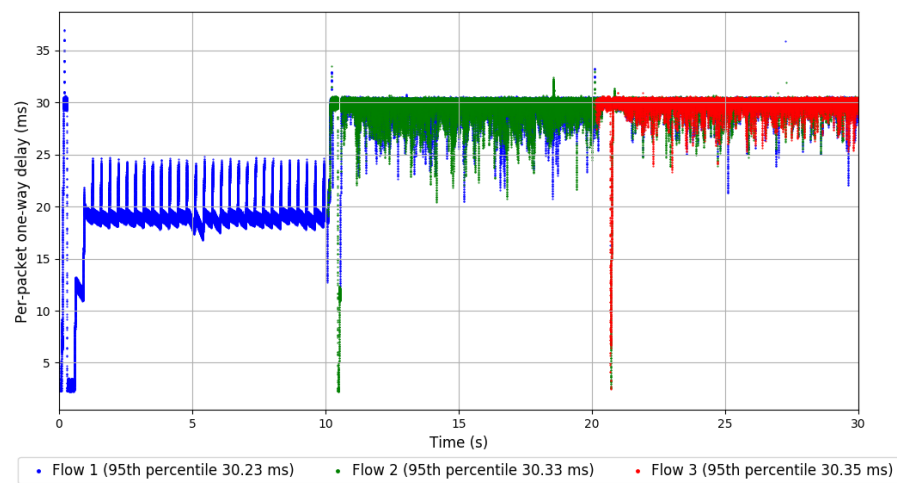
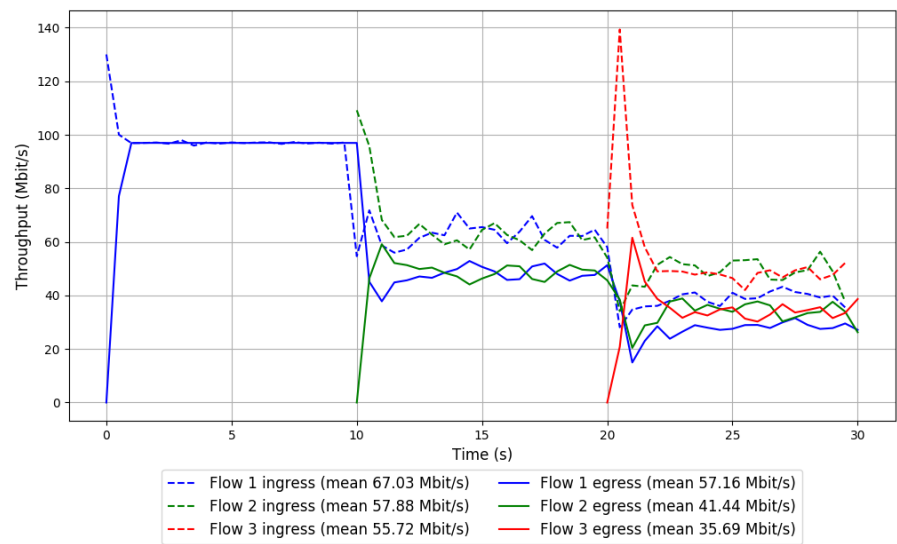


Run 4: Statistics of FillP-Sheep

Start at: 2018-07-17 17:42:20
End at: 2018-07-17 17:42:50
Local clock offset: -5.894 ms
Remote clock offset: -3.338 ms

Below is generated by plot.py at 2018-07-17 20:00:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.56 Mbit/s
95th percentile per-packet one-way delay: 30.304 ms
Loss rate: 22.07%
-- Flow 1:
Average throughput: 57.16 Mbit/s
95th percentile per-packet one-way delay: 30.234 ms
Loss rate: 14.64%
-- Flow 2:
Average throughput: 41.44 Mbit/s
95th percentile per-packet one-way delay: 30.333 ms
Loss rate: 28.36%
-- Flow 3:
Average throughput: 35.69 Mbit/s
95th percentile per-packet one-way delay: 30.354 ms
Loss rate: 35.95%

Run 4: Report of FillP-Sheep — Data Link

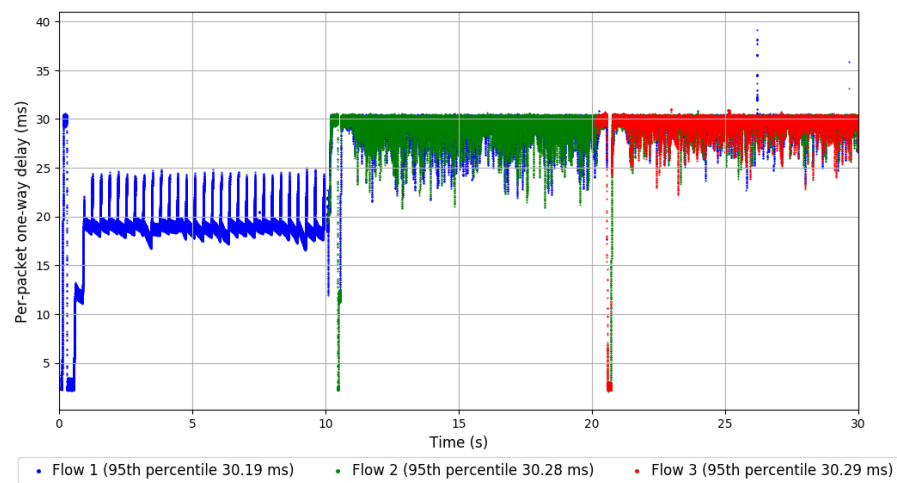
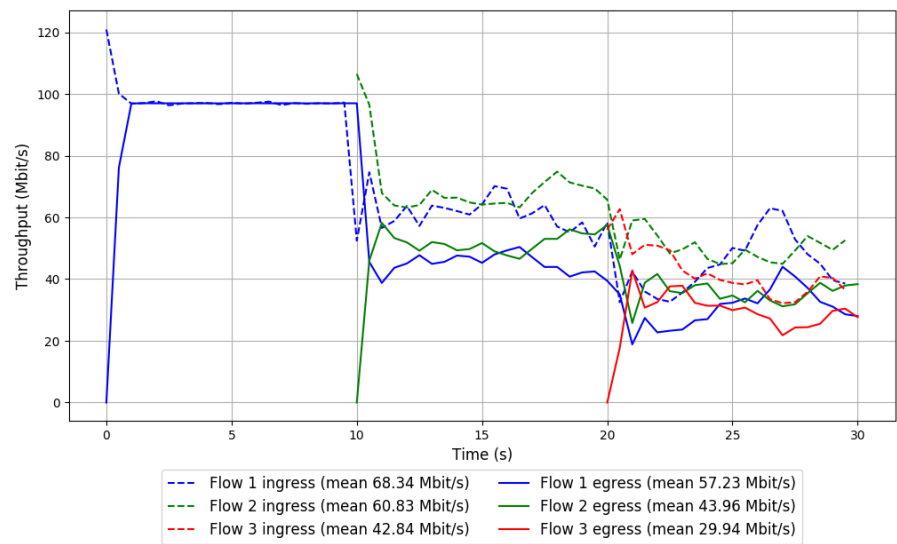


Run 5: Statistics of FillP-Sheep

Start at: 2018-07-17 18:01:31
End at: 2018-07-17 18:02:01
Local clock offset: -5.715 ms
Remote clock offset: -2.526 ms

Below is generated by plot.py at 2018-07-17 20:00:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.38 Mbit/s
95th percentile per-packet one-way delay: 30.242 ms
Loss rate: 21.59%
-- Flow 1:
Average throughput: 57.23 Mbit/s
95th percentile per-packet one-way delay: 30.186 ms
Loss rate: 16.19%
-- Flow 2:
Average throughput: 43.96 Mbit/s
95th percentile per-packet one-way delay: 30.276 ms
Loss rate: 27.71%
-- Flow 3:
Average throughput: 29.94 Mbit/s
95th percentile per-packet one-way delay: 30.286 ms
Loss rate: 30.11%

Run 5: Report of FillP-Sheep — Data Link



Run 6: Statistics of FillP-Sheep

Start at: 2018-07-17 18:20:44

End at: 2018-07-17 18:21:14

Local clock offset: -5.375 ms

Remote clock offset: -2.0 ms

Below is generated by plot.py at 2018-07-17 20:01:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.58 Mbit/s

95th percentile per-packet one-way delay: 30.247 ms

Loss rate: 21.37%

-- Flow 1:

Average throughput: 60.33 Mbit/s

95th percentile per-packet one-way delay: 30.201 ms

Loss rate: 15.57%

-- Flow 2:

Average throughput: 37.03 Mbit/s

95th percentile per-packet one-way delay: 30.267 ms

Loss rate: 27.43%

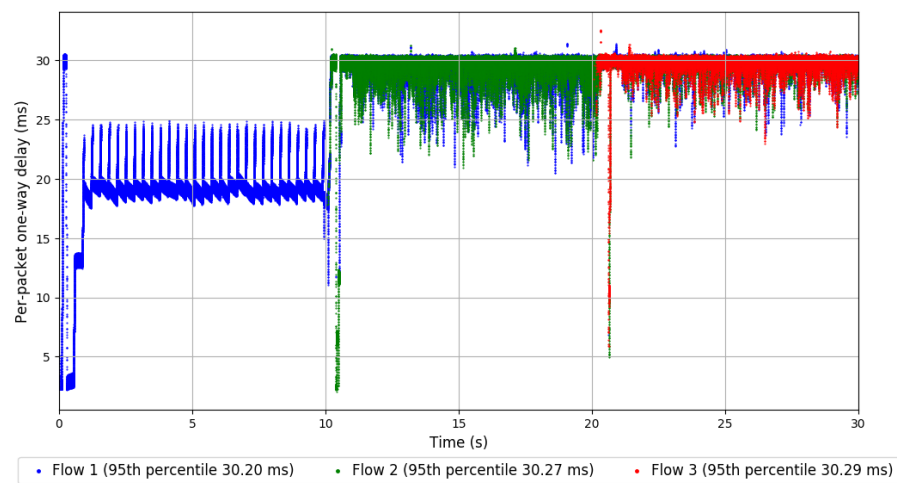
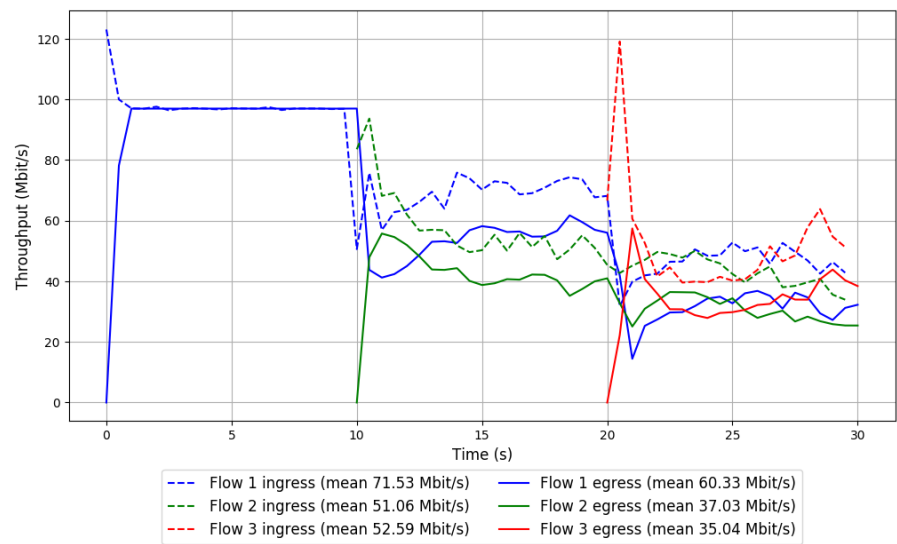
-- Flow 3:

Average throughput: 35.04 Mbit/s

95th percentile per-packet one-way delay: 30.293 ms

Loss rate: 33.36%

Run 6: Report of FillP-Sheep — Data Link

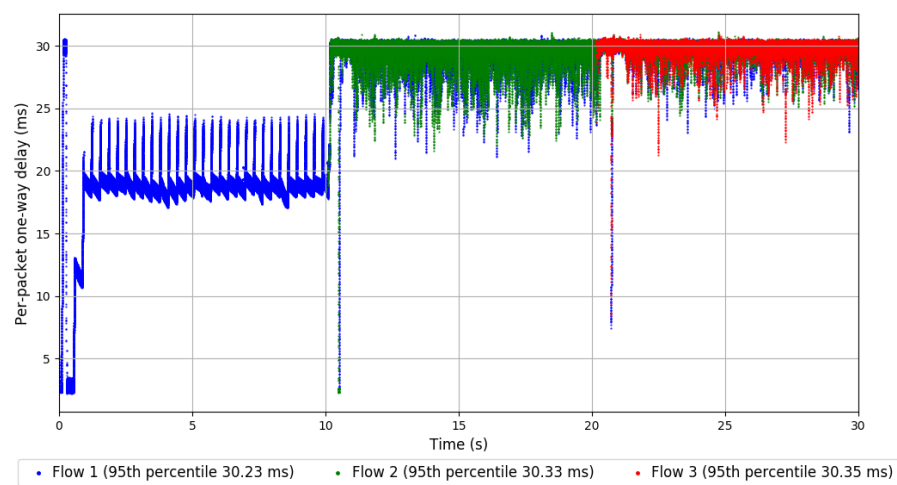
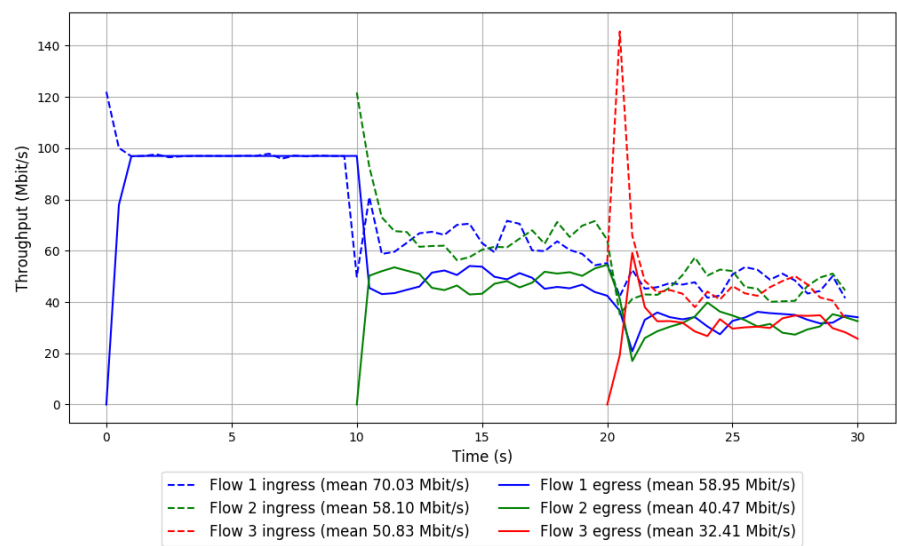


Run 7: Statistics of FillP-Sheep

Start at: 2018-07-17 18:39:55
End at: 2018-07-17 18:40:25
Local clock offset: -5.233 ms
Remote clock offset: -2.091 ms

Below is generated by plot.py at 2018-07-17 20:02:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.61 Mbit/s
95th percentile per-packet one-way delay: 30.298 ms
Loss rate: 22.97%
-- Flow 1:
Average throughput: 58.95 Mbit/s
95th percentile per-packet one-way delay: 30.235 ms
Loss rate: 15.73%
-- Flow 2:
Average throughput: 40.47 Mbit/s
95th percentile per-packet one-way delay: 30.329 ms
Loss rate: 30.31%
-- Flow 3:
Average throughput: 32.41 Mbit/s
95th percentile per-packet one-way delay: 30.351 ms
Loss rate: 36.23%

Run 7: Report of FillP-Sheep — Data Link



Run 8: Statistics of FillP-Sheep

Start at: 2018-07-17 18:59:07

End at: 2018-07-17 18:59:37

Local clock offset: -5.456 ms

Remote clock offset: 1.576 ms

Below is generated by plot.py at 2018-07-17 20:02:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.45 Mbit/s

95th percentile per-packet one-way delay: 29.380 ms

Loss rate: 20.84%

-- Flow 1:

Average throughput: 58.58 Mbit/s

95th percentile per-packet one-way delay: 29.323 ms

Loss rate: 15.14%

-- Flow 2:

Average throughput: 43.68 Mbit/s

95th percentile per-packet one-way delay: 29.458 ms

Loss rate: 27.98%

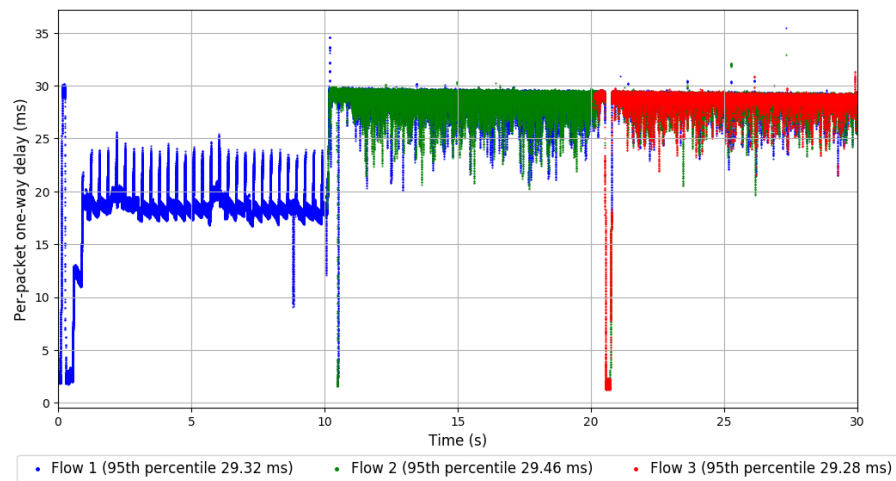
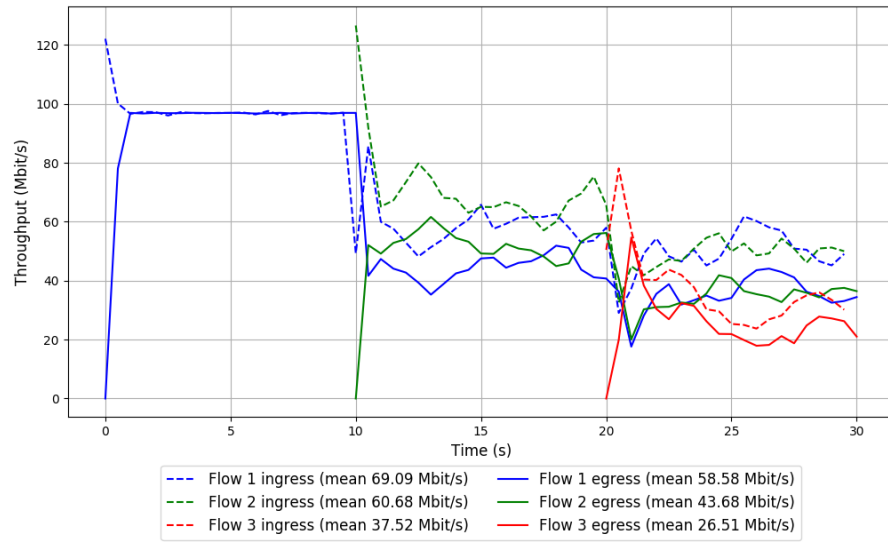
-- Flow 3:

Average throughput: 26.51 Mbit/s

95th percentile per-packet one-way delay: 29.276 ms

Loss rate: 29.34%

Run 8: Report of FillP-Sheep — Data Link

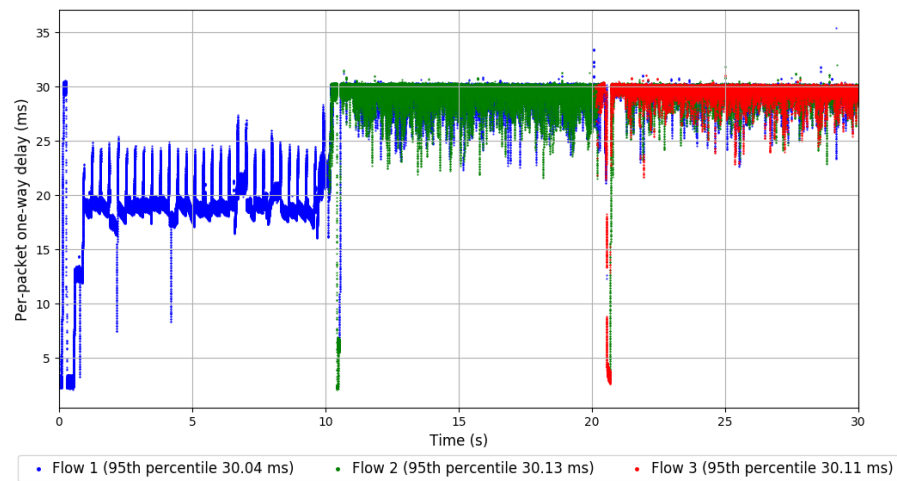
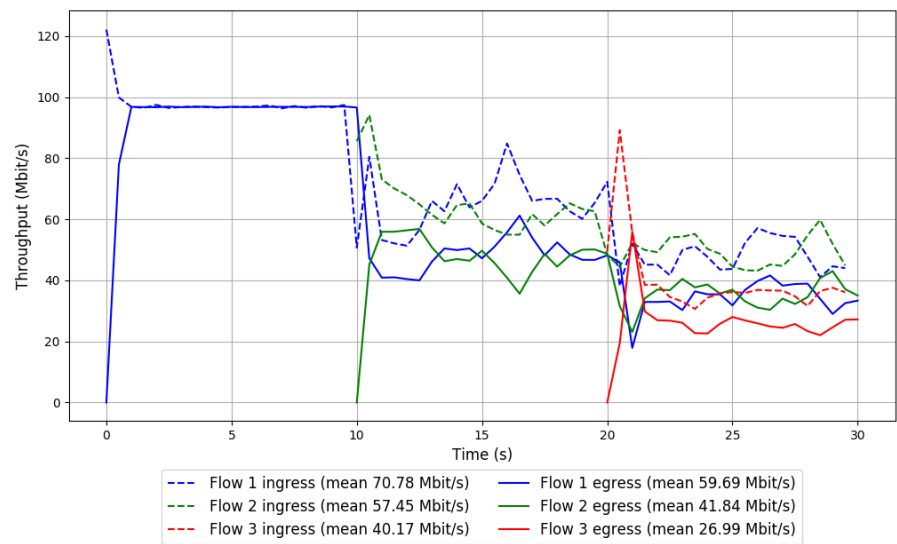


Run 9: Statistics of FillP-Sheep

Start at: 2018-07-17 19:18:19
End at: 2018-07-17 19:18:49
Local clock offset: -5.963 ms
Remote clock offset: 16.384 ms

```
# Below is generated by plot.py at 2018-07-17 20:02:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 96.46 Mbit/s
95th percentile per-packet one-way delay: 30.084 ms
Loss rate: 21.08%
-- Flow 1:
Average throughput: 59.69 Mbit/s
95th percentile per-packet one-way delay: 30.036 ms
Loss rate: 15.59%
-- Flow 2:
Average throughput: 41.84 Mbit/s
95th percentile per-packet one-way delay: 30.126 ms
Loss rate: 27.15%
-- Flow 3:
Average throughput: 26.99 Mbit/s
95th percentile per-packet one-way delay: 30.112 ms
Loss rate: 32.82%
```


Run 9: Report of FillP-Sheep — Data Link

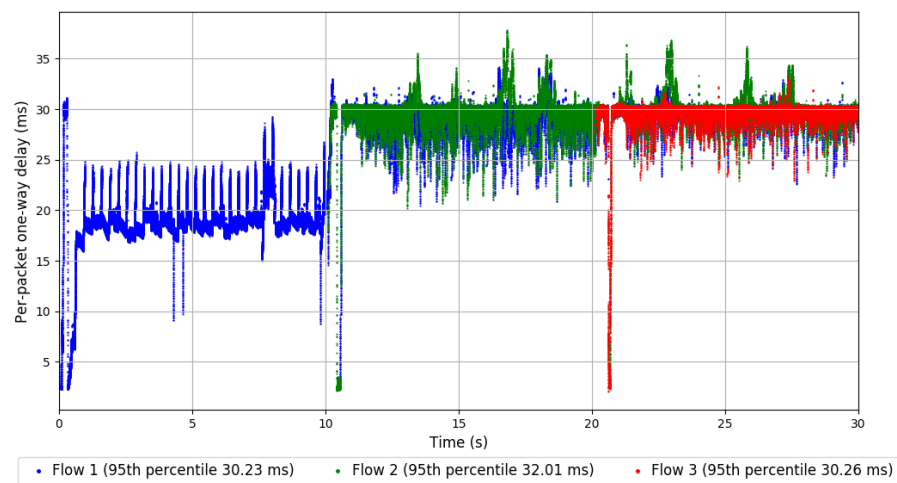
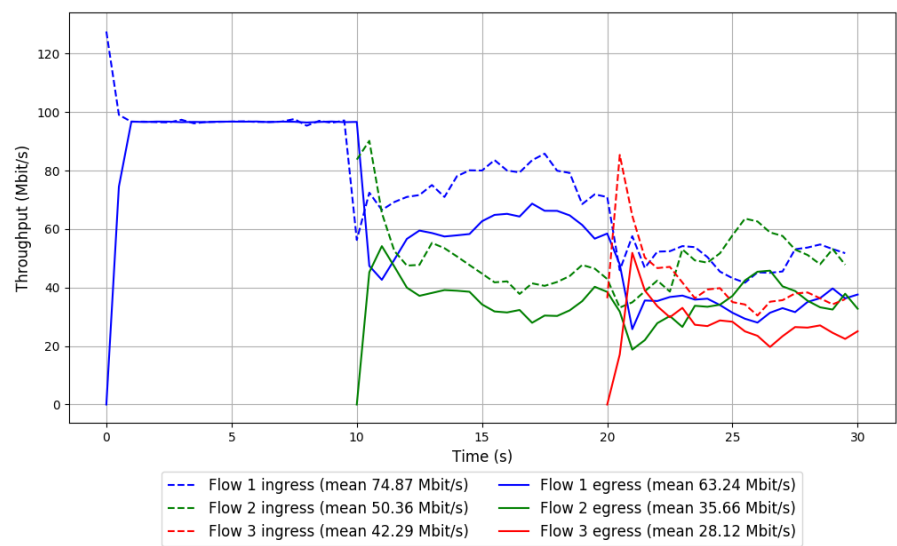


Run 10: Statistics of FillP-Sheep

Start at: 2018-07-17 19:37:40
End at: 2018-07-17 19:38:10
Local clock offset: -6.142 ms
Remote clock offset: 21.846 ms

Below is generated by plot.py at 2018-07-17 20:02:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.29 Mbit/s
95th percentile per-packet one-way delay: 30.416 ms
Loss rate: 21.28%
-- Flow 1:
Average throughput: 63.24 Mbit/s
95th percentile per-packet one-way delay: 30.229 ms
Loss rate: 15.46%
-- Flow 2:
Average throughput: 35.66 Mbit/s
95th percentile per-packet one-way delay: 32.014 ms
Loss rate: 29.16%
-- Flow 3:
Average throughput: 28.12 Mbit/s
95th percentile per-packet one-way delay: 30.262 ms
Loss rate: 33.50%

Run 10: Report of FillP-Sheep — Data Link

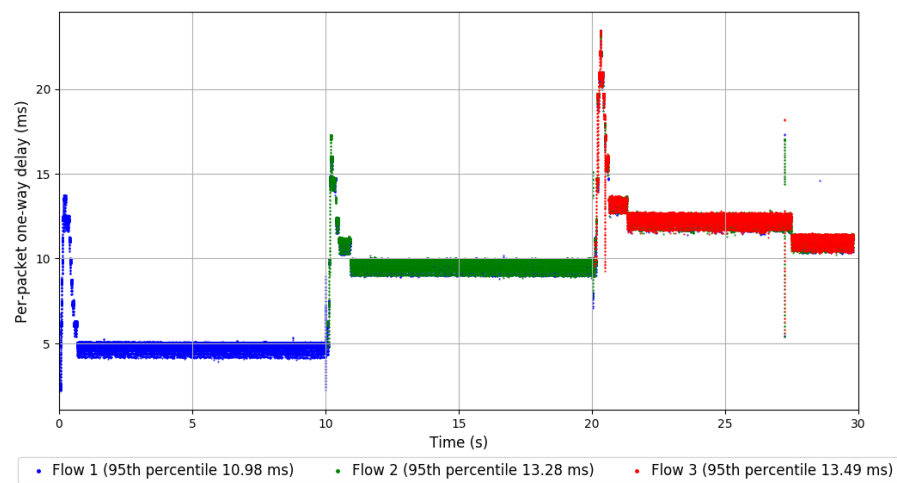
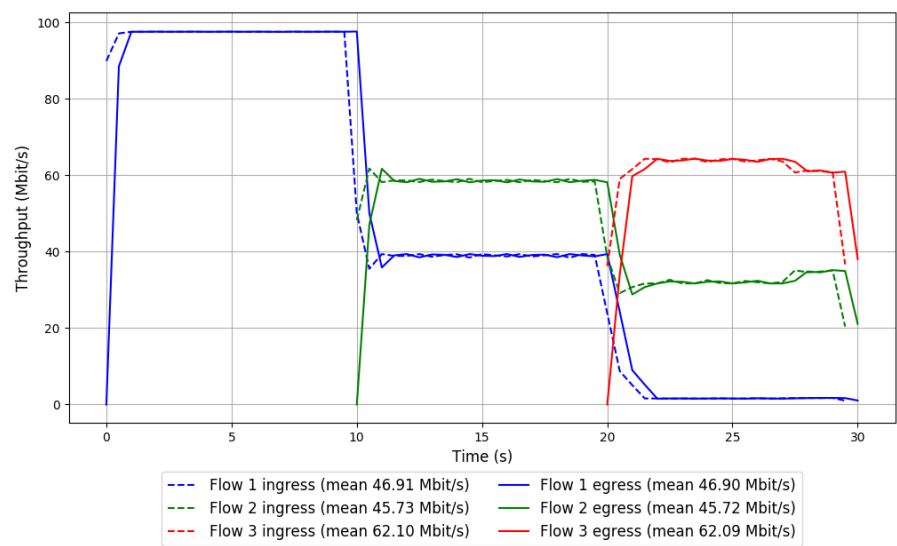


Run 1: Statistics of Indigo

Start at: 2018-07-17 16:43:35
End at: 2018-07-17 16:44:05
Local clock offset: -5.976 ms
Remote clock offset: -1.404 ms

Below is generated by plot.py at 2018-07-17 20:02:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.37 Mbit/s
95th percentile per-packet one-way delay: 12.679 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.90 Mbit/s
95th percentile per-packet one-way delay: 10.980 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.72 Mbit/s
95th percentile per-packet one-way delay: 13.283 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.09 Mbit/s
95th percentile per-packet one-way delay: 13.487 ms
Loss rate: 0.00%

Run 1: Report of Indigo — Data Link



Run 2: Statistics of Indigo

Start at: 2018-07-17 17:02:47

End at: 2018-07-17 17:03:17

Local clock offset: -5.924 ms

Remote clock offset: 0.923 ms

Below is generated by plot.py at 2018-07-17 20:02:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.35 Mbit/s

95th percentile per-packet one-way delay: 12.731 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 46.78 Mbit/s

95th percentile per-packet one-way delay: 11.044 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 45.31 Mbit/s

95th percentile per-packet one-way delay: 12.767 ms

Loss rate: 0.00%

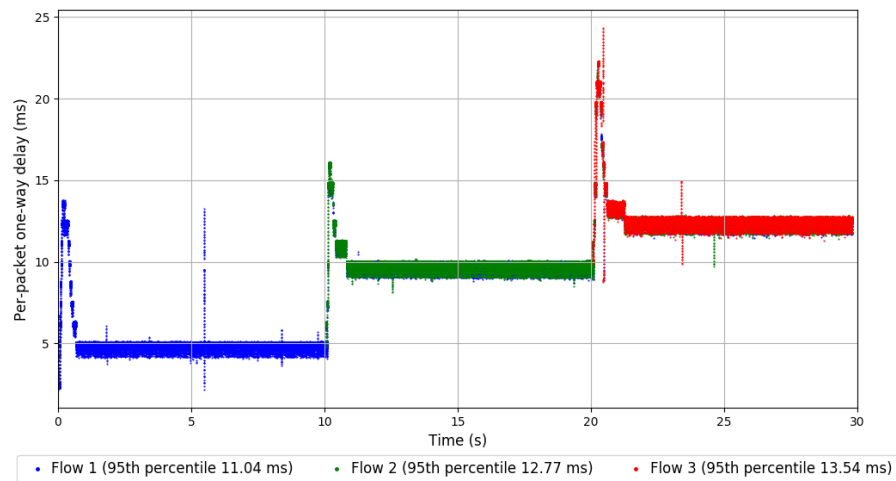
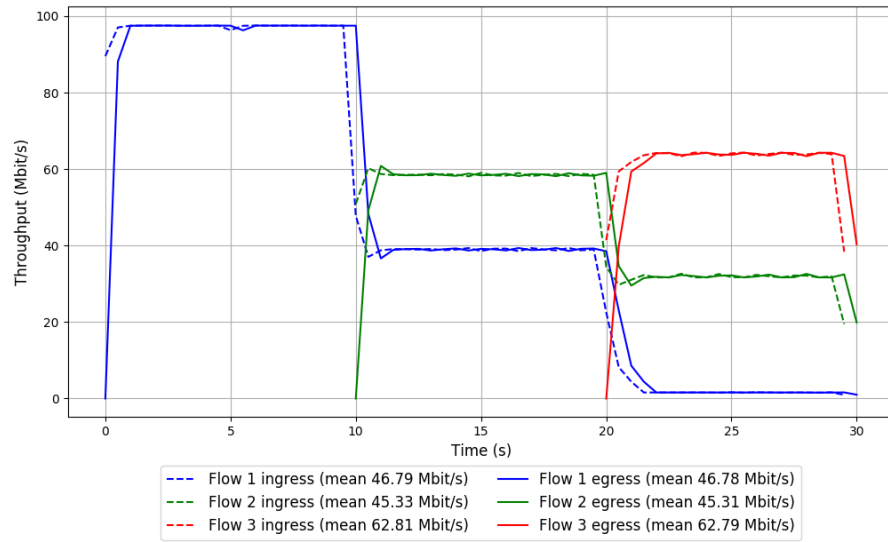
-- Flow 3:

Average throughput: 62.79 Mbit/s

95th percentile per-packet one-way delay: 13.537 ms

Loss rate: 0.00%

Run 2: Report of Indigo — Data Link

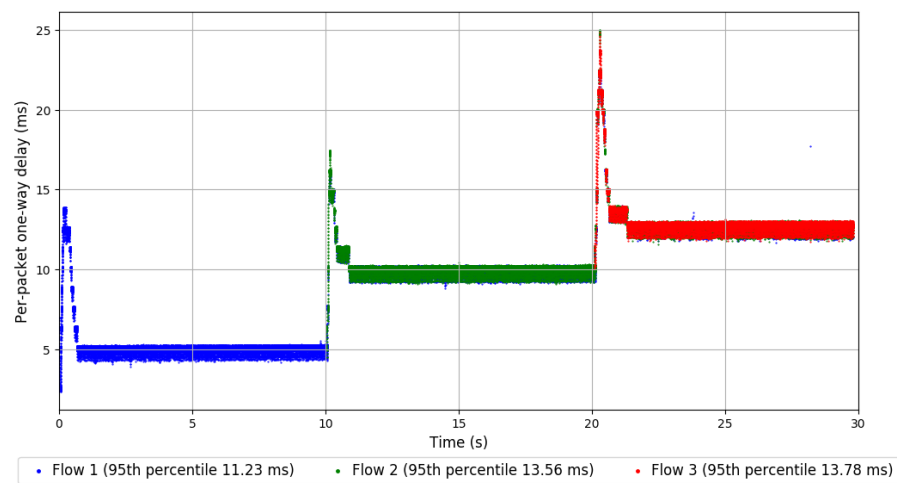
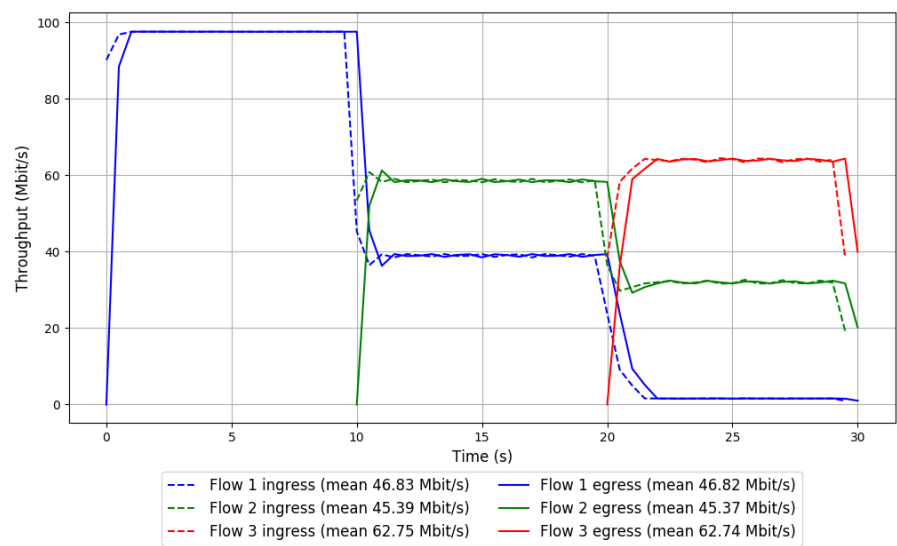


Run 3: Statistics of Indigo

Start at: 2018-07-17 17:21:59
End at: 2018-07-17 17:22:29
Local clock offset: -5.887 ms
Remote clock offset: -1.169 ms

```
# Below is generated by plot.py at 2018-07-17 20:02:33
# Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 13.008 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.82 Mbit/s
95th percentile per-packet one-way delay: 11.230 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.37 Mbit/s
95th percentile per-packet one-way delay: 13.565 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.74 Mbit/s
95th percentile per-packet one-way delay: 13.777 ms
Loss rate: 0.00%
```


Run 3: Report of Indigo — Data Link

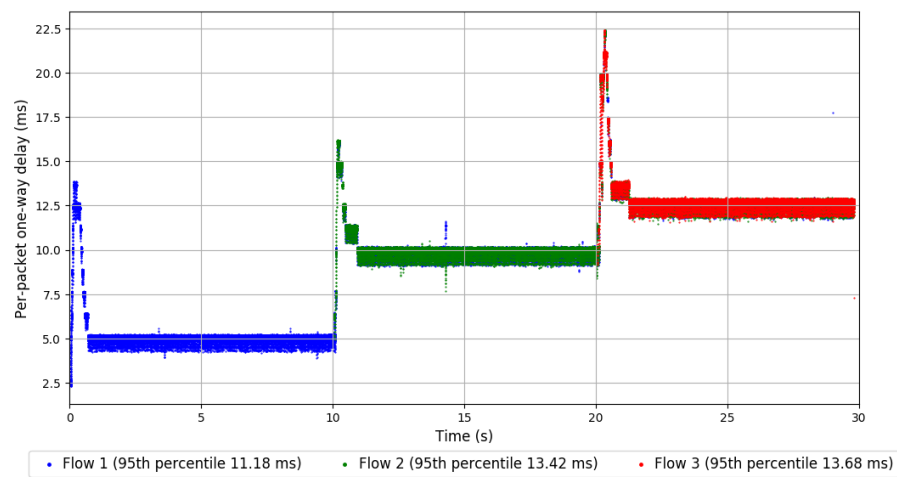
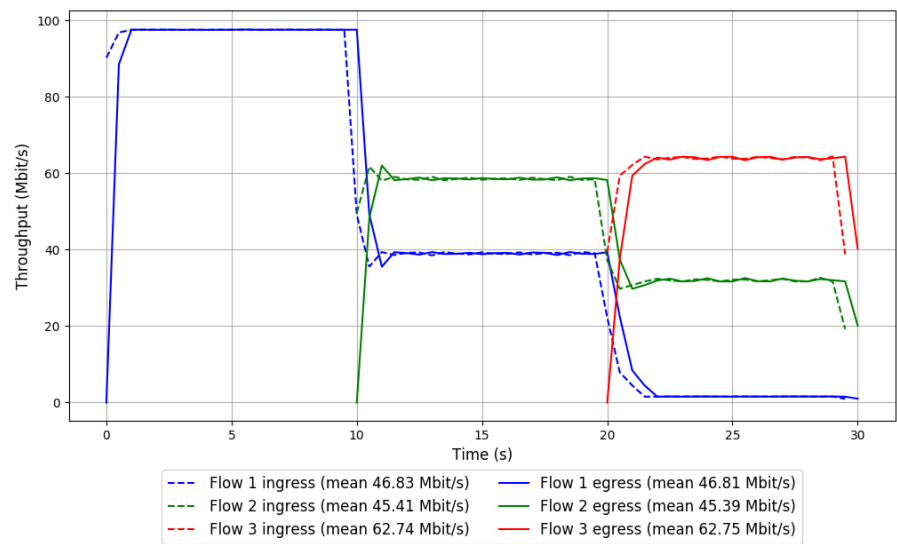


Run 4: Statistics of Indigo

Start at: 2018-07-17 17:41:11
End at: 2018-07-17 17:41:41
Local clock offset: -5.892 ms
Remote clock offset: -3.237 ms

Below is generated by plot.py at 2018-07-17 20:02:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 12.879 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.81 Mbit/s
95th percentile per-packet one-way delay: 11.181 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.39 Mbit/s
95th percentile per-packet one-way delay: 13.423 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.75 Mbit/s
95th percentile per-packet one-way delay: 13.675 ms
Loss rate: 0.00%

Run 4: Report of Indigo — Data Link

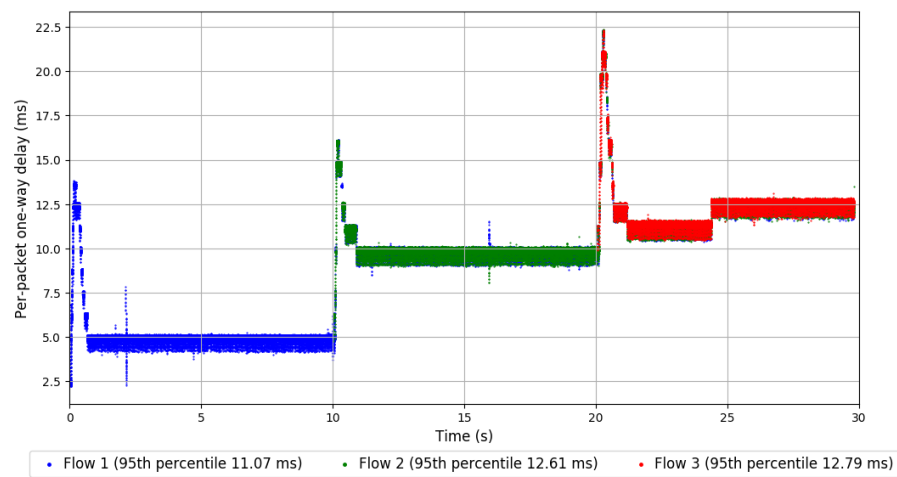
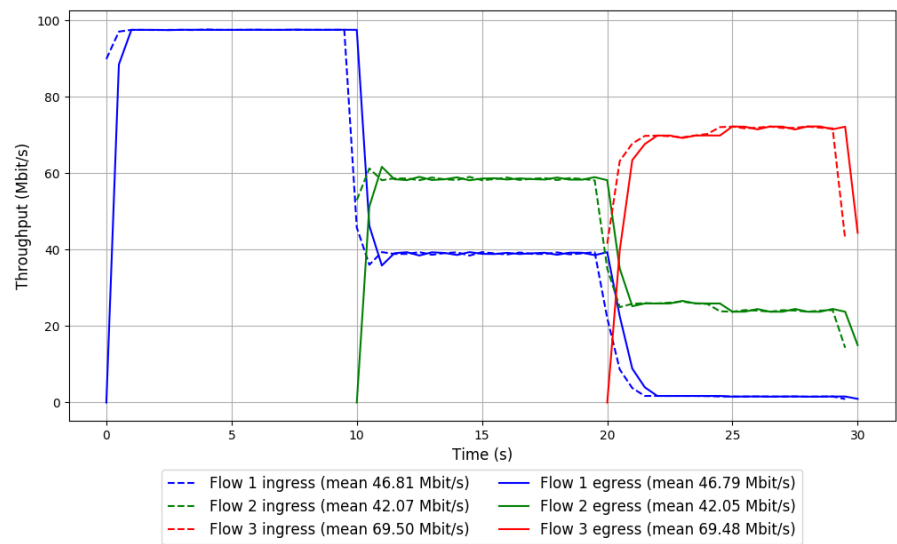


Run 5: Statistics of Indigo

Start at: 2018-07-17 18:00:23
End at: 2018-07-17 18:00:53
Local clock offset: -5.7 ms
Remote clock offset: -2.502 ms

Below is generated by plot.py at 2018-07-17 20:03:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 12.611 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.79 Mbit/s
95th percentile per-packet one-way delay: 11.067 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.05 Mbit/s
95th percentile per-packet one-way delay: 12.614 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.48 Mbit/s
95th percentile per-packet one-way delay: 12.785 ms
Loss rate: 0.00%

Run 5: Report of Indigo — Data Link

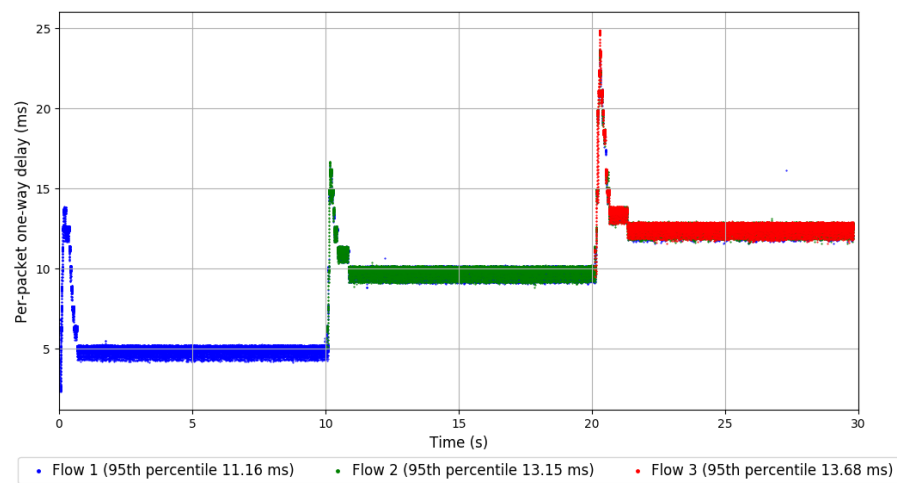
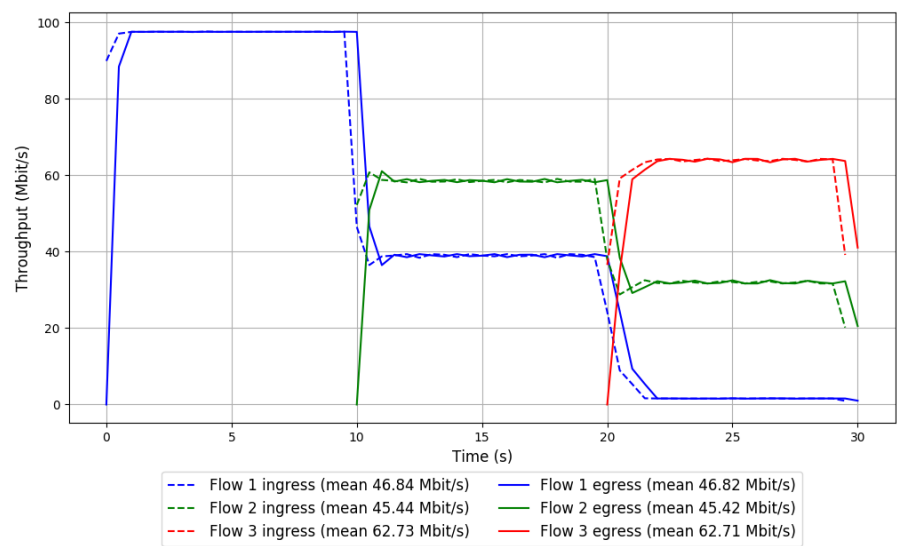


Run 6: Statistics of Indigo

Start at: 2018-07-17 18:19:35
End at: 2018-07-17 18:20:05
Local clock offset: -5.395 ms
Remote clock offset: -1.917 ms

Below is generated by plot.py at 2018-07-17 20:03:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 12.871 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.82 Mbit/s
95th percentile per-packet one-way delay: 11.165 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 45.42 Mbit/s
95th percentile per-packet one-way delay: 13.154 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 62.71 Mbit/s
95th percentile per-packet one-way delay: 13.682 ms
Loss rate: 0.00%

Run 6: Report of Indigo — Data Link

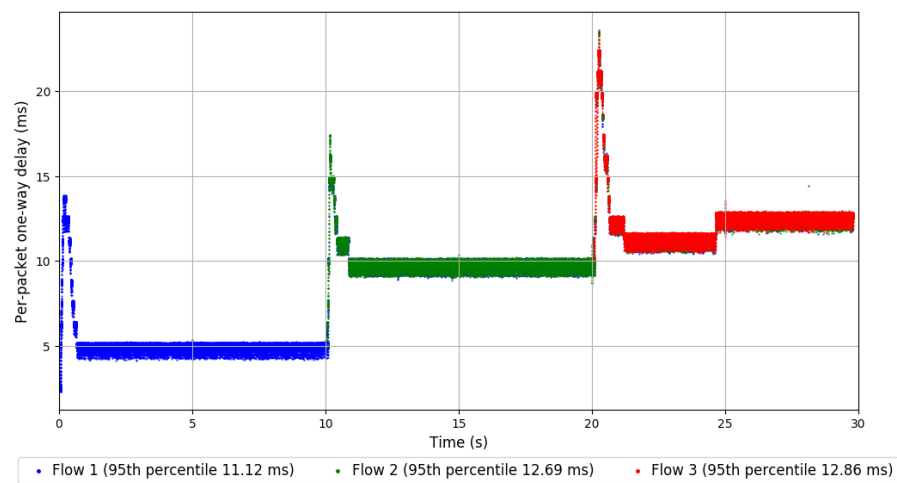
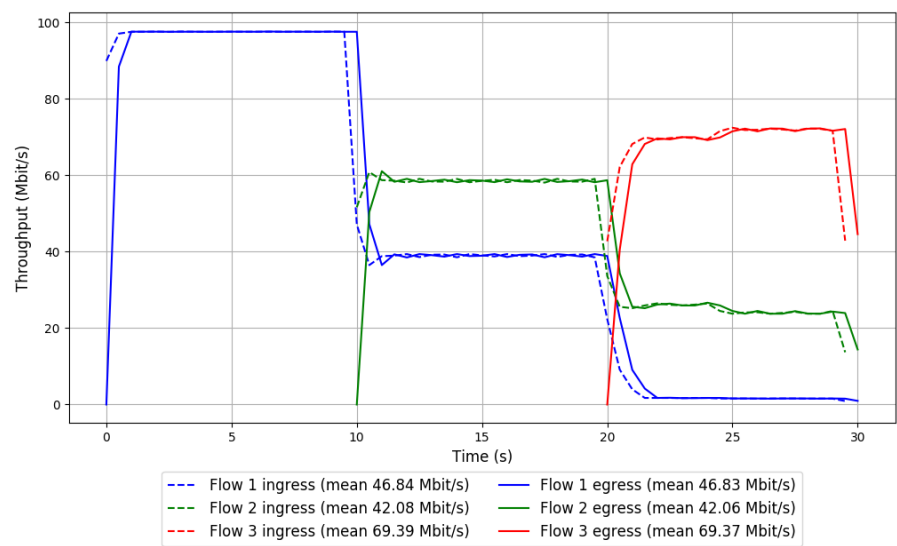


Run 7: Statistics of Indigo

Start at: 2018-07-17 18:38:47
End at: 2018-07-17 18:39:17
Local clock offset: -5.283 ms
Remote clock offset: -2.083 ms

Below is generated by plot.py at 2018-07-17 20:03:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.38 Mbit/s
95th percentile per-packet one-way delay: 12.688 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.83 Mbit/s
95th percentile per-packet one-way delay: 11.115 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 42.06 Mbit/s
95th percentile per-packet one-way delay: 12.686 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.37 Mbit/s
95th percentile per-packet one-way delay: 12.859 ms
Loss rate: 0.00%

Run 7: Report of Indigo — Data Link

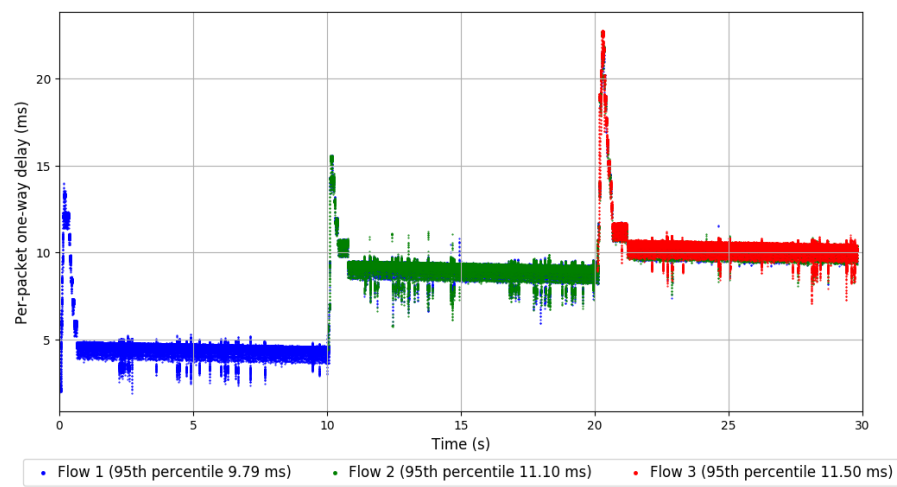
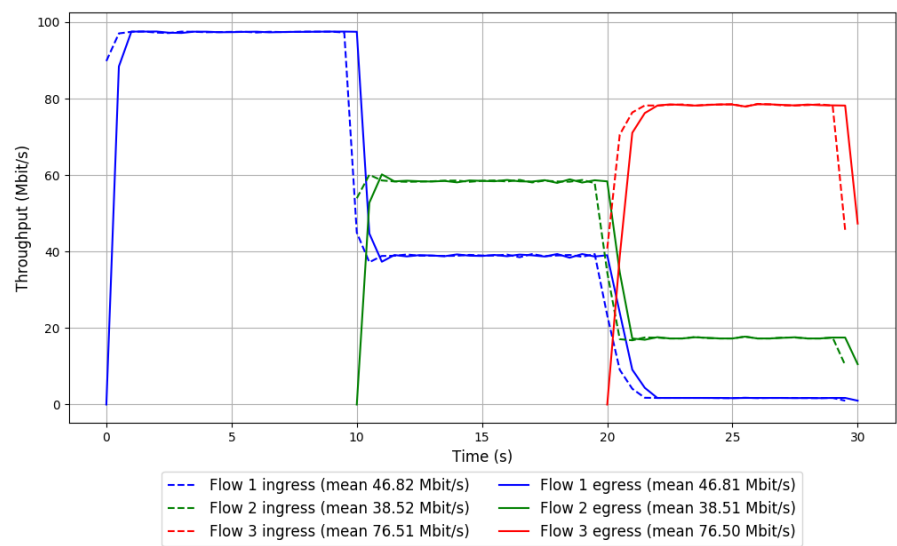


Run 8: Statistics of Indigo

Start at: 2018-07-17 18:57:58
End at: 2018-07-17 18:58:28
Local clock offset: -5.306 ms
Remote clock offset: -0.075 ms

Below is generated by plot.py at 2018-07-17 20:03:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.30 Mbit/s
95th percentile per-packet one-way delay: 11.283 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.81 Mbit/s
95th percentile per-packet one-way delay: 9.790 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 38.51 Mbit/s
95th percentile per-packet one-way delay: 11.101 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 76.50 Mbit/s
95th percentile per-packet one-way delay: 11.496 ms
Loss rate: 0.00%

Run 8: Report of Indigo — Data Link

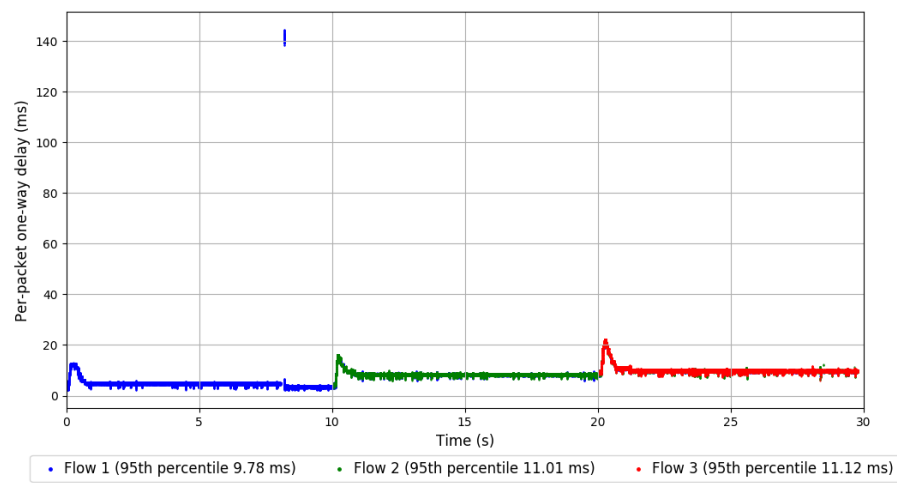
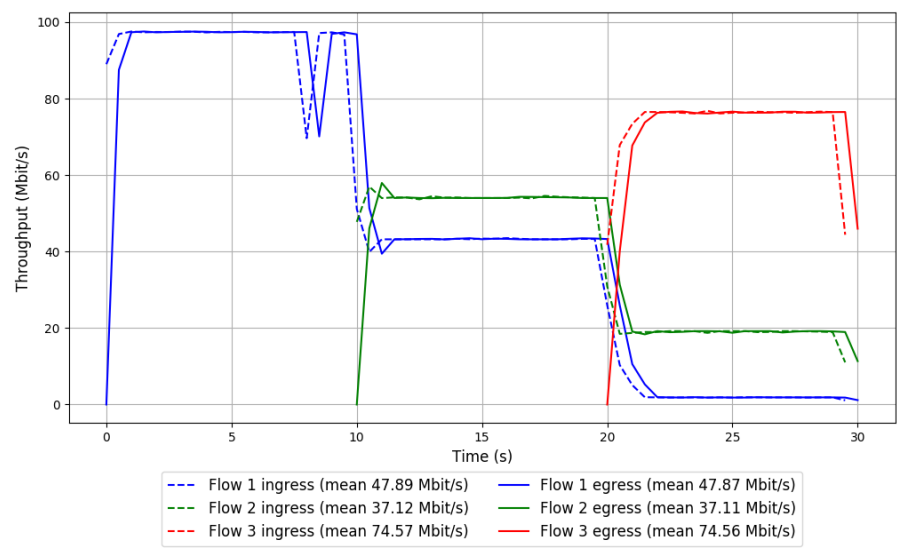


Run 9: Statistics of Indigo

Start at: 2018-07-17 19:17:10
End at: 2018-07-17 19:17:40
Local clock offset: -5.994 ms
Remote clock offset: 15.986 ms

Below is generated by plot.py at 2018-07-17 20:03:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.74 Mbit/s
95th percentile per-packet one-way delay: 10.955 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 47.87 Mbit/s
95th percentile per-packet one-way delay: 9.780 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 37.11 Mbit/s
95th percentile per-packet one-way delay: 11.007 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 74.56 Mbit/s
95th percentile per-packet one-way delay: 11.123 ms
Loss rate: 0.00%

Run 9: Report of Indigo — Data Link

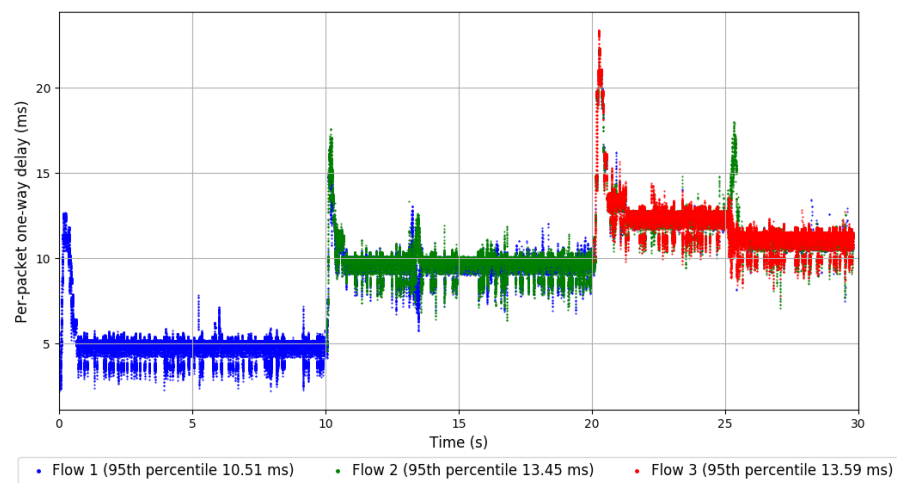
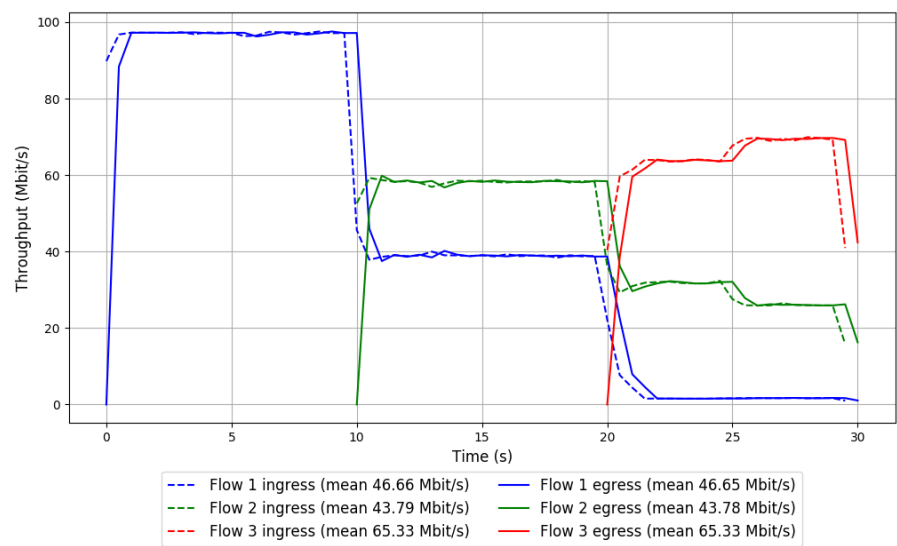


Run 10: Statistics of Indigo

Start at: 2018-07-17 19:36:31
End at: 2018-07-17 19:37:01
Local clock offset: -6.132 ms
Remote clock offset: 21.598 ms

Below is generated by plot.py at 2018-07-17 20:03:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.03 Mbit/s
95th percentile per-packet one-way delay: 12.830 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.65 Mbit/s
95th percentile per-packet one-way delay: 10.510 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 43.78 Mbit/s
95th percentile per-packet one-way delay: 13.454 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 65.33 Mbit/s
95th percentile per-packet one-way delay: 13.589 ms
Loss rate: 0.00%

Run 10: Report of Indigo — Data Link

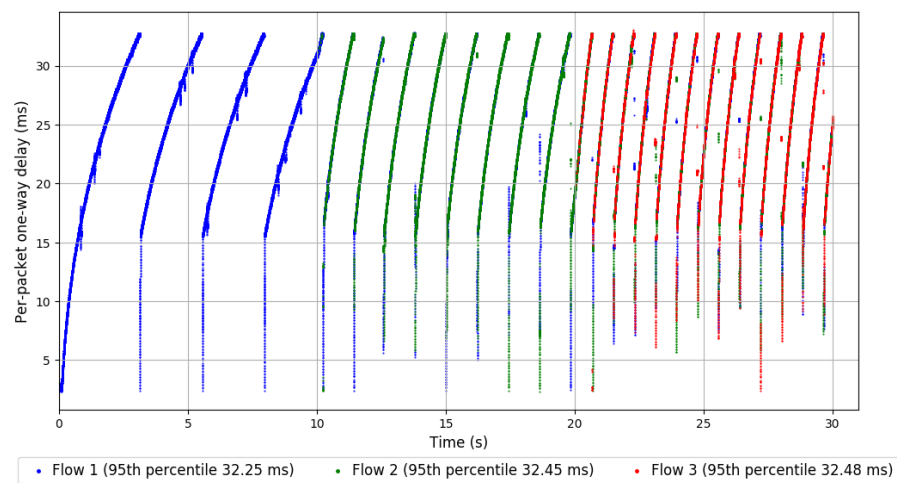
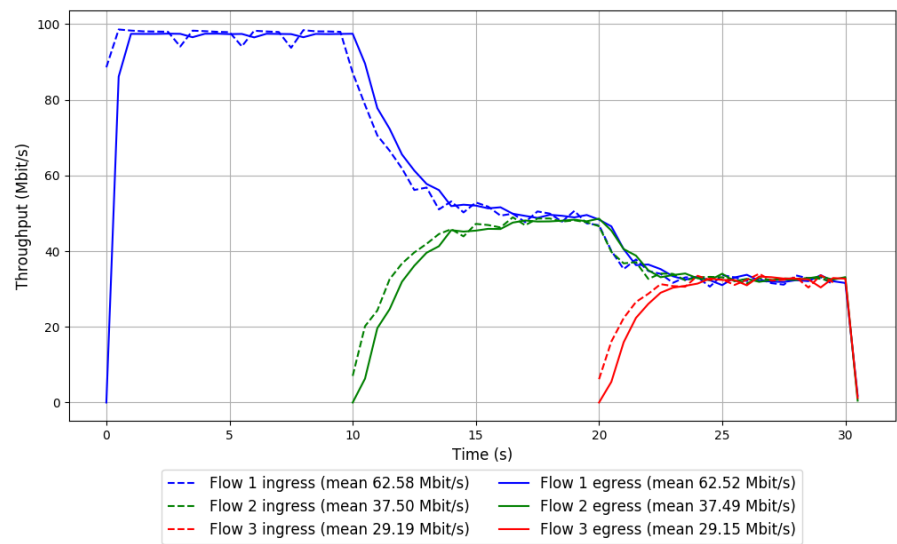


Run 1: Statistics of LEDBAT

Start at: 2018-07-17 16:36:43
End at: 2018-07-17 16:37:13
Local clock offset: -6.031 ms
Remote clock offset: -2.156 ms

Below is generated by plot.py at 2018-07-17 20:03:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.14 Mbit/s
95th percentile per-packet one-way delay: 32.274 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.52 Mbit/s
95th percentile per-packet one-way delay: 32.253 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.49 Mbit/s
95th percentile per-packet one-way delay: 32.454 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 29.15 Mbit/s
95th percentile per-packet one-way delay: 32.483 ms
Loss rate: 0.07%

Run 1: Report of LEDBAT — Data Link



Run 2: Statistics of LEDBAT

Start at: 2018-07-17 16:55:55

End at: 2018-07-17 16:56:25

Local clock offset: -5.962 ms

Remote clock offset: 0.388 ms

Below is generated by plot.py at 2018-07-17 20:03:51

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 32.166 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 62.30 Mbit/s

95th percentile per-packet one-way delay: 32.143 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 37.33 Mbit/s

95th percentile per-packet one-way delay: 32.334 ms

Loss rate: 0.05%

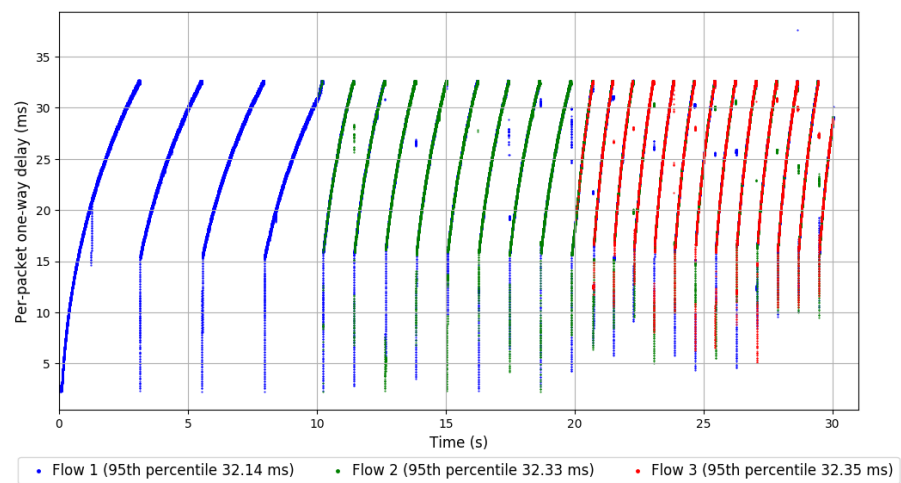
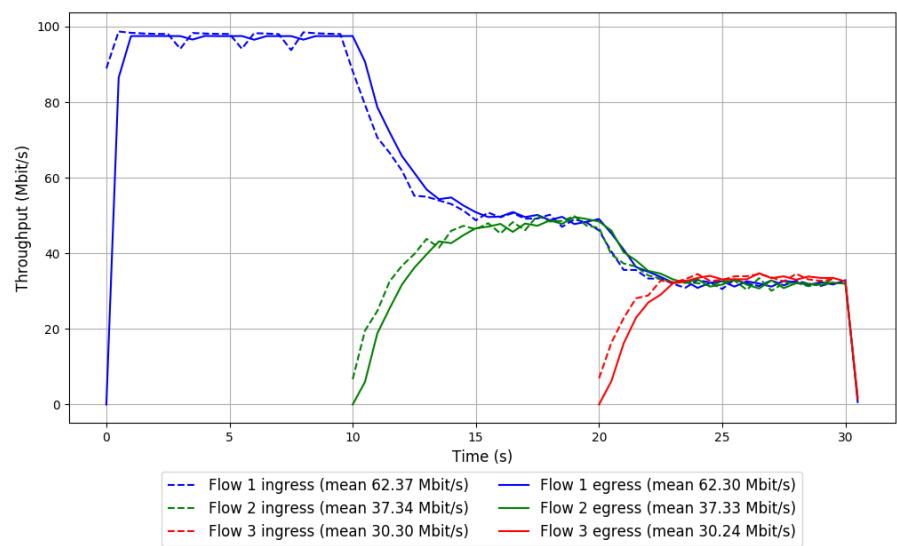
-- Flow 3:

Average throughput: 30.24 Mbit/s

95th percentile per-packet one-way delay: 32.351 ms

Loss rate: 0.09%

Run 2: Report of LEDBAT — Data Link



Run 3: Statistics of LEDBAT

Start at: 2018-07-17 17:15:08

End at: 2018-07-17 17:15:38

Local clock offset: -5.872 ms

Remote clock offset: 1.376 ms

Below is generated by plot.py at 2018-07-17 20:04:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 97.19 Mbit/s

95th percentile per-packet one-way delay: 32.345 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 61.33 Mbit/s

95th percentile per-packet one-way delay: 32.214 ms

Loss rate: 0.03%

-- Flow 2:

Average throughput: 39.25 Mbit/s

95th percentile per-packet one-way delay: 32.490 ms

Loss rate: 0.06%

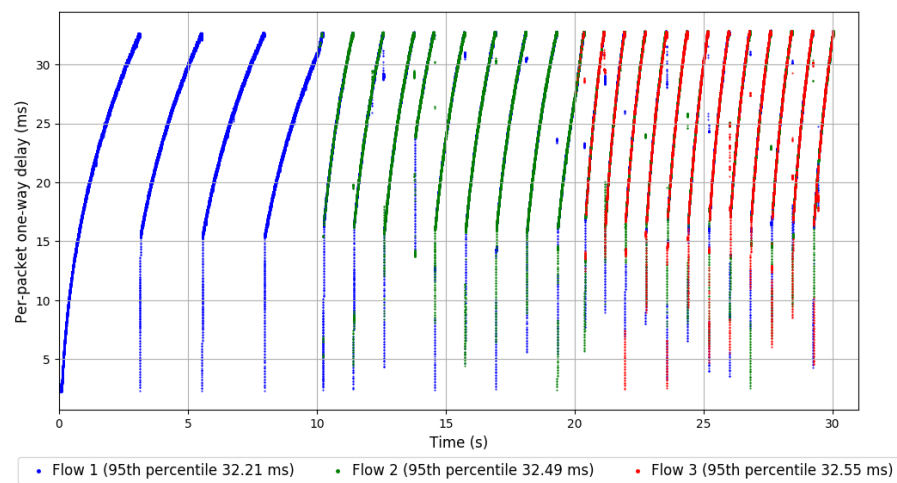
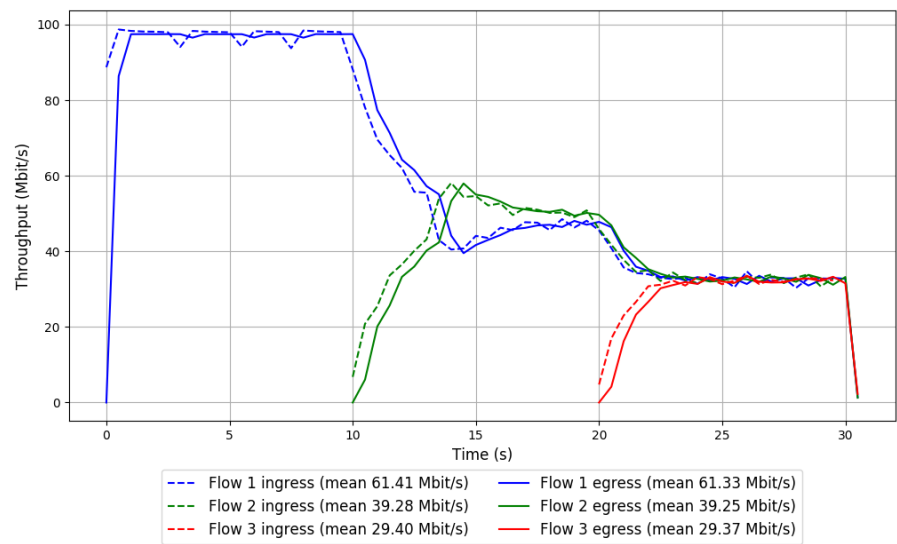
-- Flow 3:

Average throughput: 29.37 Mbit/s

95th percentile per-packet one-way delay: 32.551 ms

Loss rate: 0.07%

Run 3: Report of LEDBAT — Data Link

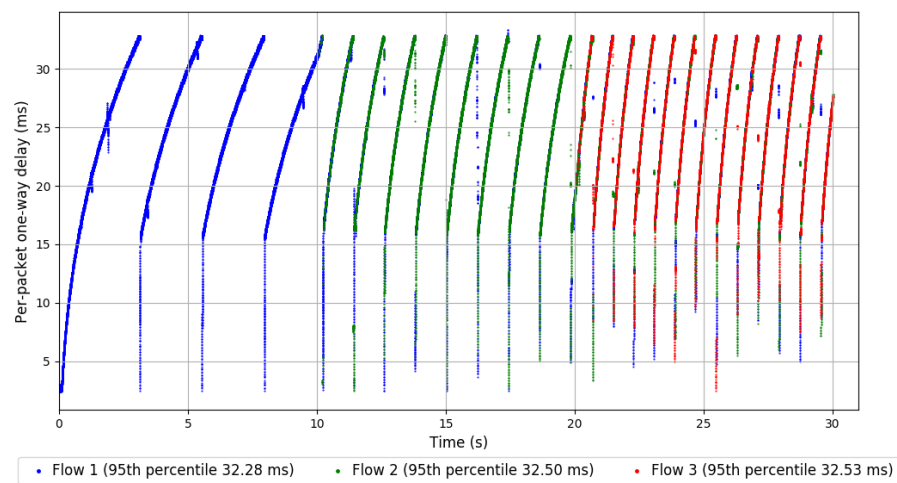
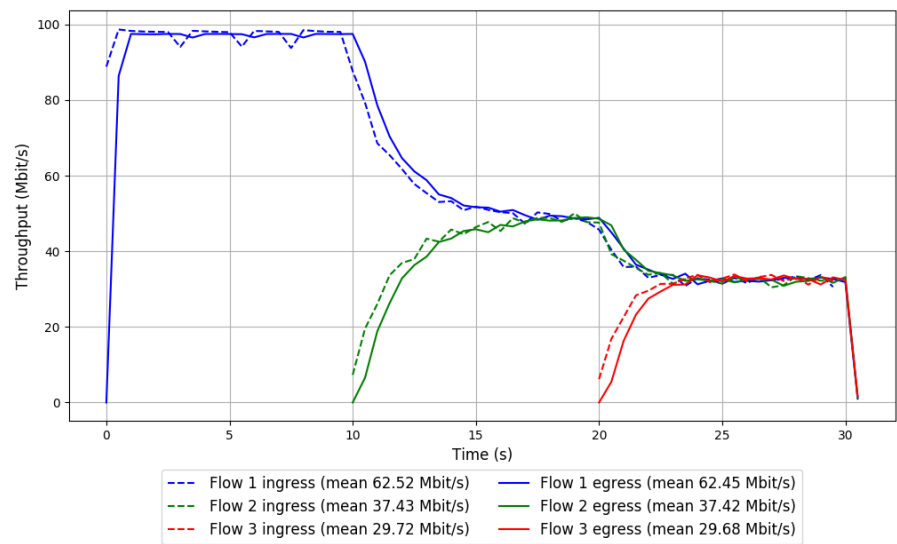


Run 4: Statistics of LEDBAT

Start at: 2018-07-17 17:34:19
End at: 2018-07-17 17:34:49
Local clock offset: -5.941 ms
Remote clock offset: -2.873 ms

Below is generated by plot.py at 2018-07-17 20:04:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.18 Mbit/s
95th percentile per-packet one-way delay: 32.313 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.45 Mbit/s
95th percentile per-packet one-way delay: 32.283 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.42 Mbit/s
95th percentile per-packet one-way delay: 32.497 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 29.68 Mbit/s
95th percentile per-packet one-way delay: 32.533 ms
Loss rate: 0.08%

Run 4: Report of LEDBAT — Data Link

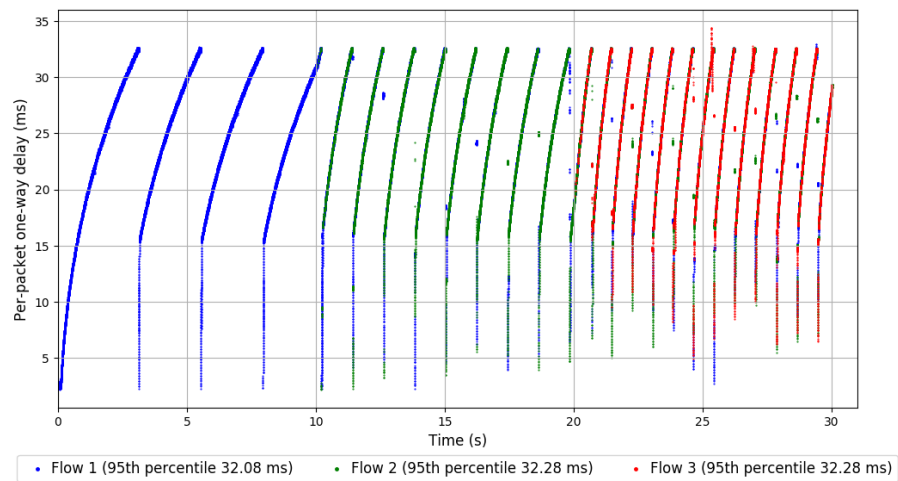
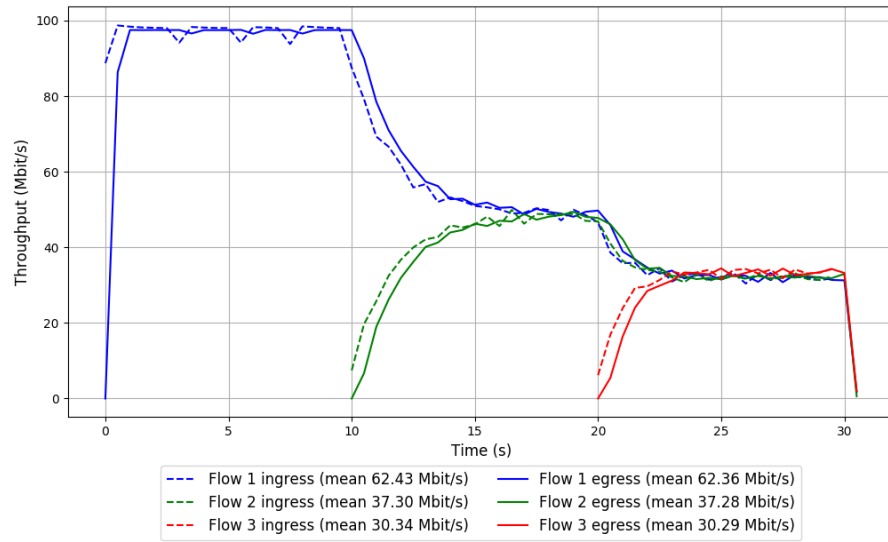


Run 5: Statistics of LEDBAT

Start at: 2018-07-17 17:53:31
End at: 2018-07-17 17:54:01
Local clock offset: -5.89 ms
Remote clock offset: -2.977 ms

Below is generated by plot.py at 2018-07-17 20:04:41
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.22 Mbit/s
95th percentile per-packet one-way delay: 32.109 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.36 Mbit/s
95th percentile per-packet one-way delay: 32.082 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.28 Mbit/s
95th percentile per-packet one-way delay: 32.284 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 30.29 Mbit/s
95th percentile per-packet one-way delay: 32.278 ms
Loss rate: 0.07%

Run 5: Report of LEDBAT — Data Link

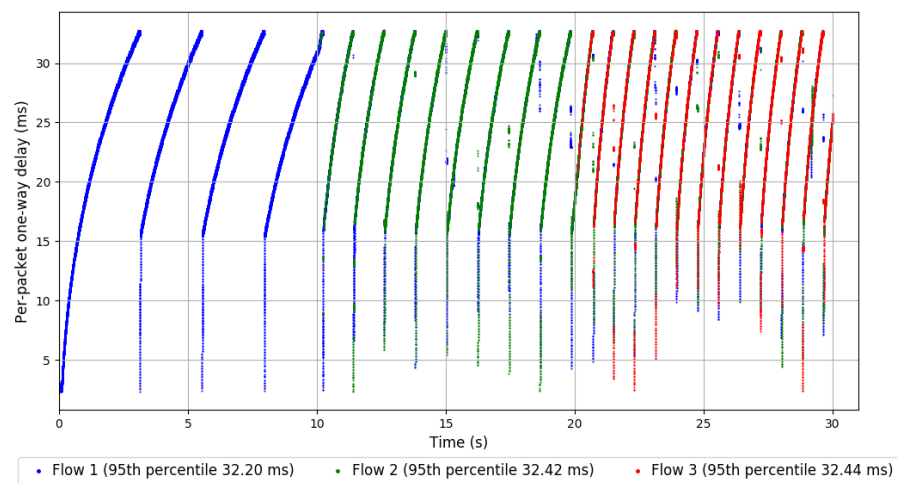
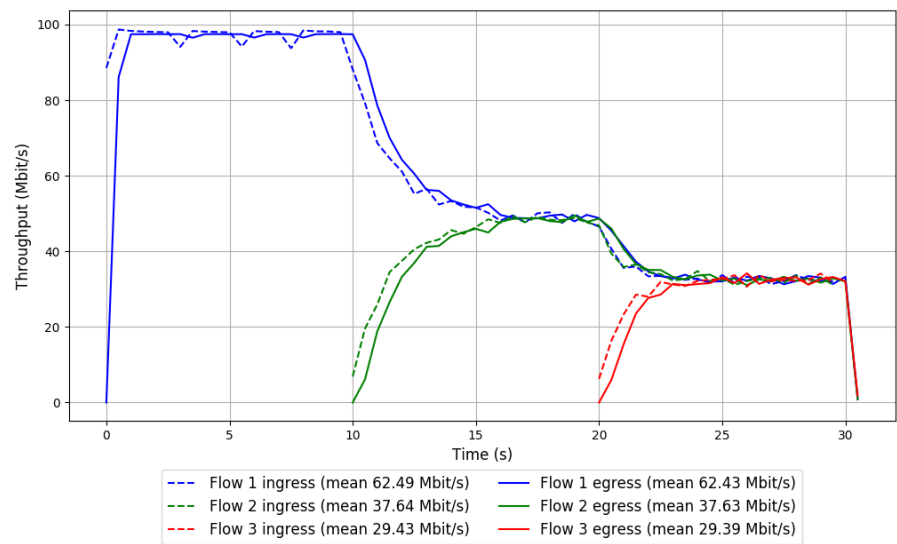


Run 6: Statistics of LEDBAT

Start at: 2018-07-17 18:12:43
End at: 2018-07-17 18:13:13
Local clock offset: -5.473 ms
Remote clock offset: -2.051 ms

Below is generated by plot.py at 2018-07-17 20:04:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 32.234 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.43 Mbit/s
95th percentile per-packet one-way delay: 32.205 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.63 Mbit/s
95th percentile per-packet one-way delay: 32.417 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 29.39 Mbit/s
95th percentile per-packet one-way delay: 32.435 ms
Loss rate: 0.08%

Run 6: Report of LEDBAT — Data Link

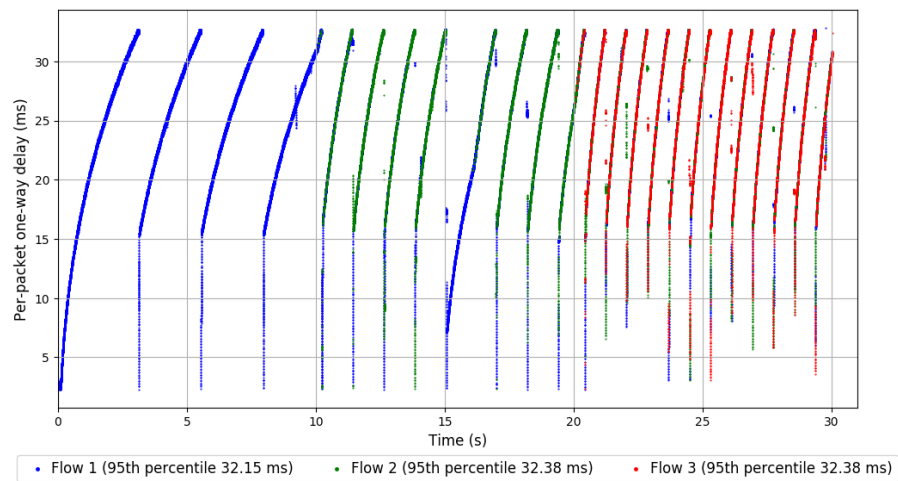
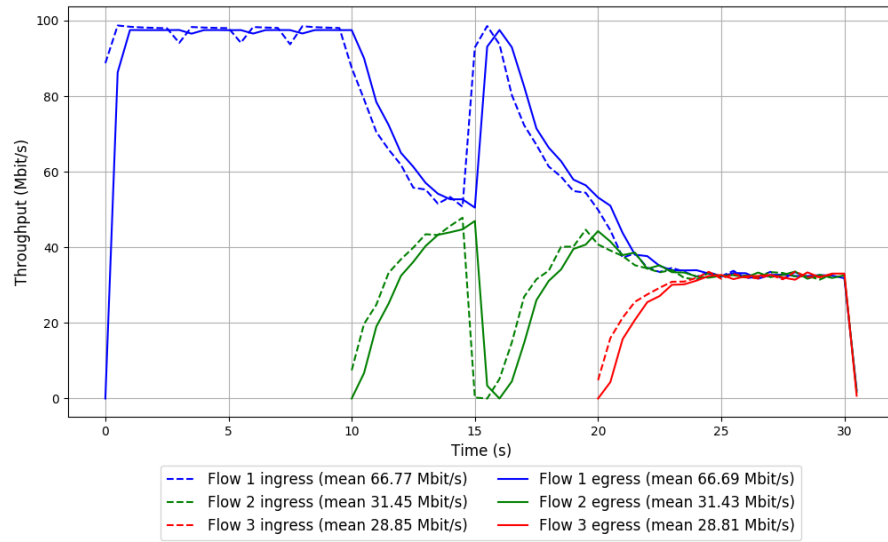


Run 7: Statistics of LEDBAT

Start at: 2018-07-17 18:31:55
End at: 2018-07-17 18:32:25
Local clock offset: -5.264 ms
Remote clock offset: -2.044 ms

Below is generated by plot.py at 2018-07-17 20:04:47
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.17 Mbit/s
95th percentile per-packet one-way delay: 32.183 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 66.69 Mbit/s
95th percentile per-packet one-way delay: 32.152 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 31.43 Mbit/s
95th percentile per-packet one-way delay: 32.381 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 28.81 Mbit/s
95th percentile per-packet one-way delay: 32.376 ms
Loss rate: 0.08%

Run 7: Report of LEDBAT — Data Link

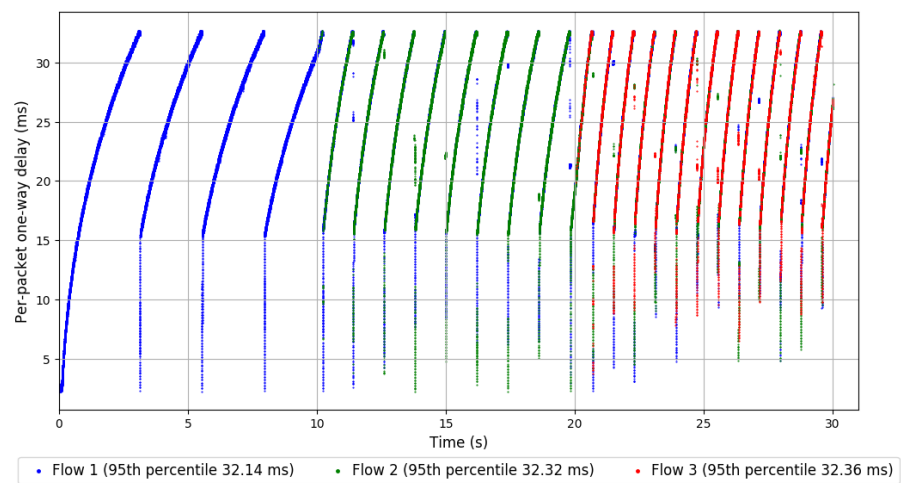
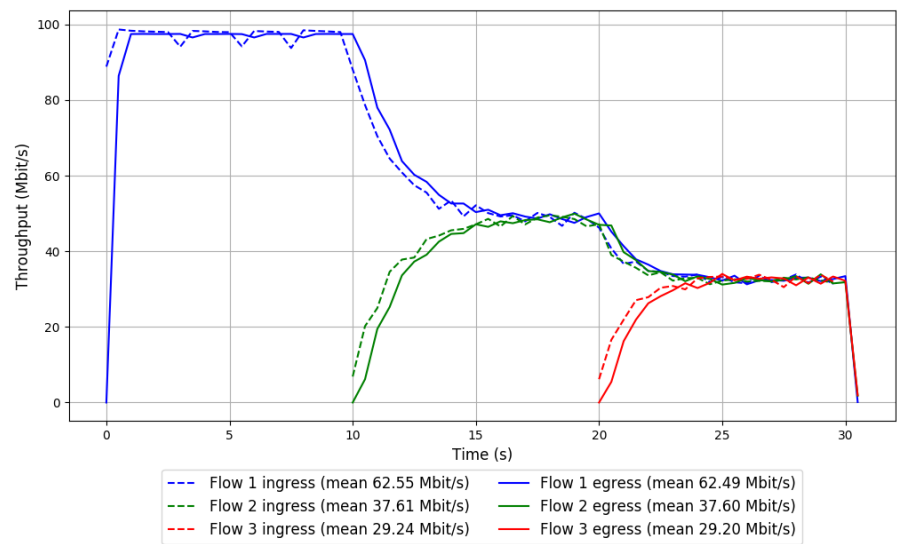


Run 8: Statistics of LEDBAT

Start at: 2018-07-17 18:51:07
End at: 2018-07-17 18:51:37
Local clock offset: -5.136 ms
Remote clock offset: -2.035 ms

Below is generated by plot.py at 2018-07-17 20:04:52
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.21 Mbit/s
95th percentile per-packet one-way delay: 32.163 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.49 Mbit/s
95th percentile per-packet one-way delay: 32.139 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.60 Mbit/s
95th percentile per-packet one-way delay: 32.316 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 29.20 Mbit/s
95th percentile per-packet one-way delay: 32.358 ms
Loss rate: 0.08%

Run 8: Report of LEDBAT — Data Link

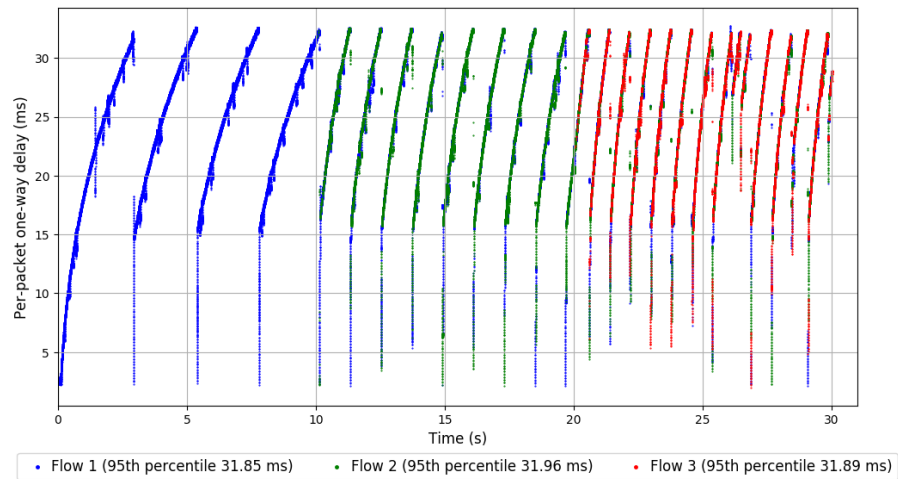
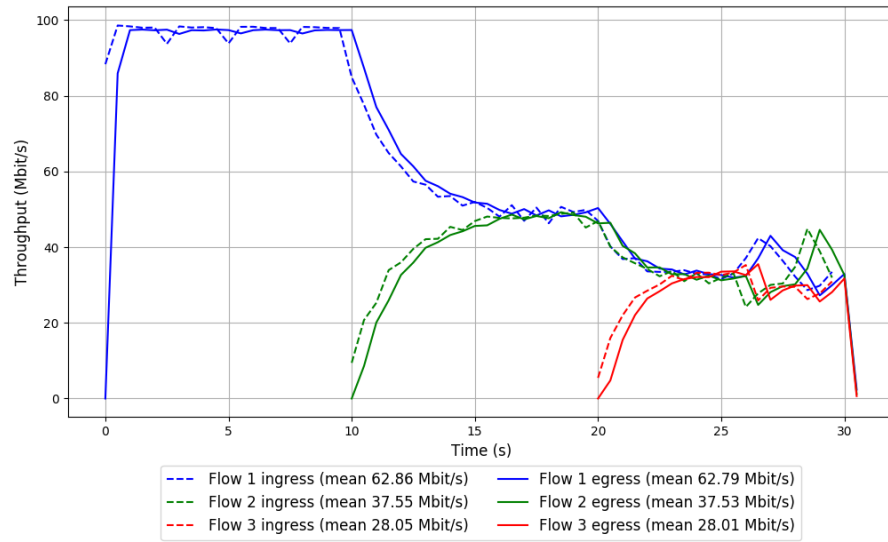


Run 9: Statistics of LEDBAT

Start at: 2018-07-17 19:10:18
End at: 2018-07-17 19:10:48
Local clock offset: -5.817 ms
Remote clock offset: 12.785 ms

Below is generated by plot.py at 2018-07-17 20:05:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.05 Mbit/s
95th percentile per-packet one-way delay: 31.894 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 62.79 Mbit/s
95th percentile per-packet one-way delay: 31.852 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 37.53 Mbit/s
95th percentile per-packet one-way delay: 31.959 ms
Loss rate: 0.06%
-- Flow 3:
Average throughput: 28.01 Mbit/s
95th percentile per-packet one-way delay: 31.889 ms
Loss rate: 0.08%

Run 9: Report of LEDBAT — Data Link

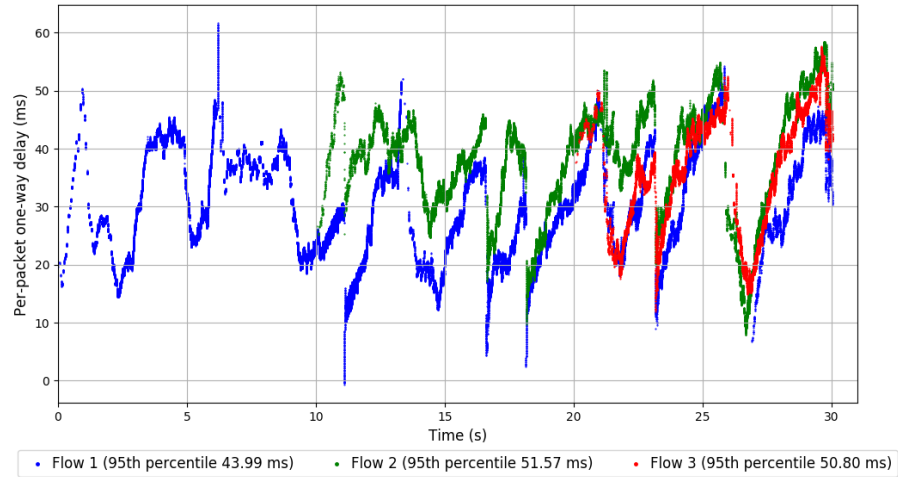
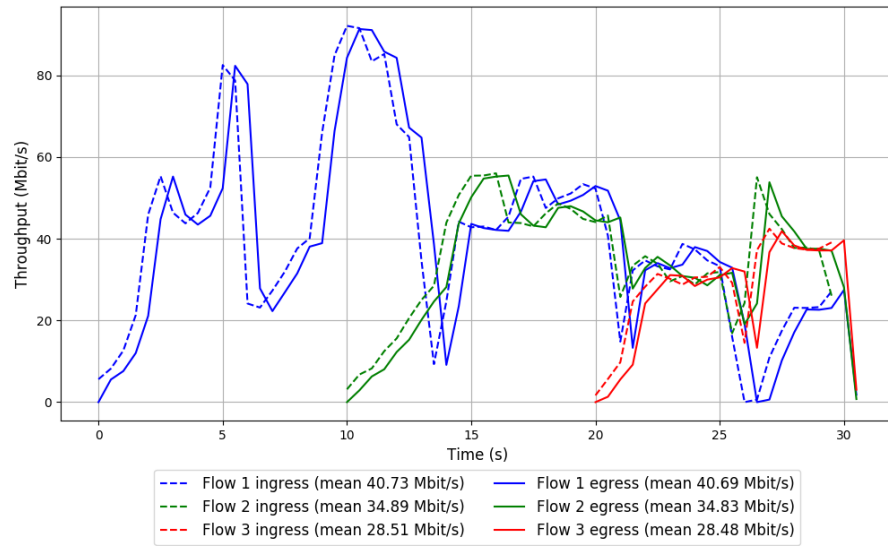


Run 10: Statistics of LEDBAT

Start at: 2018-07-17 19:29:40
End at: 2018-07-17 19:30:10
Local clock offset: -0.895 ms
Remote clock offset: 19.874 ms

Below is generated by plot.py at 2018-07-17 20:05:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.35 Mbit/s
95th percentile per-packet one-way delay: 48.095 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 40.69 Mbit/s
95th percentile per-packet one-way delay: 43.994 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 34.83 Mbit/s
95th percentile per-packet one-way delay: 51.568 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 28.48 Mbit/s
95th percentile per-packet one-way delay: 50.799 ms
Loss rate: 0.09%

Run 10: Report of LEDBAT — Data Link



Run 1: Statistics of PCC-Allegro

Start at: 2018-07-17 16:50:19

End at: 2018-07-17 16:50:49

Local clock offset: -5.98 ms

Remote clock offset: -0.26 ms

Below is generated by plot.py at 2018-07-17 20:05:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.58 Mbit/s

95th percentile per-packet one-way delay: 9.188 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 70.77 Mbit/s

95th percentile per-packet one-way delay: 8.183 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 24.65 Mbit/s

95th percentile per-packet one-way delay: 11.084 ms

Loss rate: 0.00%

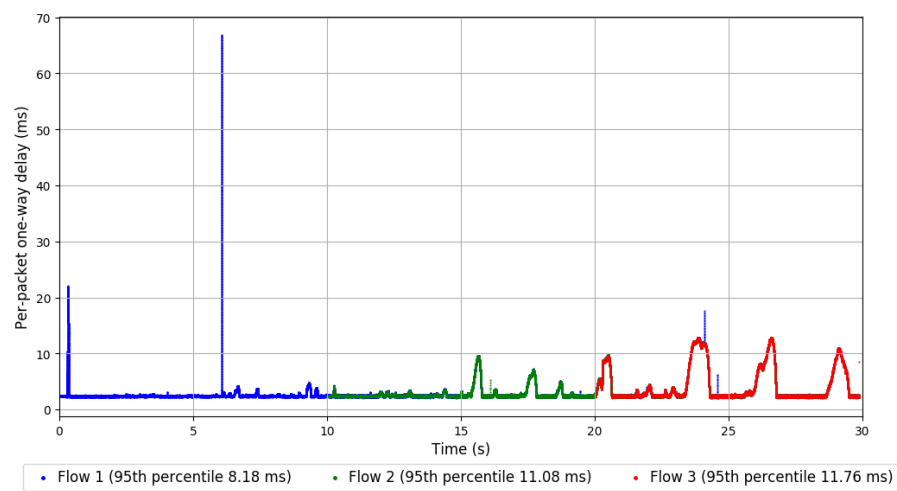
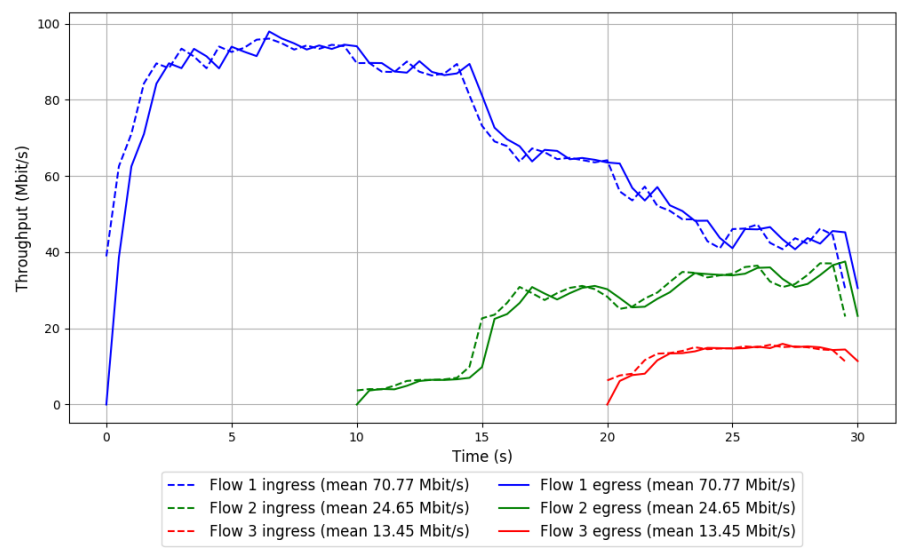
-- Flow 3:

Average throughput: 13.45 Mbit/s

95th percentile per-packet one-way delay: 11.763 ms

Loss rate: 0.00%

Run 1: Report of PCC-Allegro — Data Link



Run 2: Statistics of PCC-Allegro

Start at: 2018-07-17 17:09:32

End at: 2018-07-17 17:10:02

Local clock offset: -5.905 ms

Remote clock offset: 1.373 ms

Below is generated by plot.py at 2018-07-17 20:05:53

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.74 Mbit/s

95th percentile per-packet one-way delay: 4.743 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 74.54 Mbit/s

95th percentile per-packet one-way delay: 4.353 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 15.57 Mbit/s

95th percentile per-packet one-way delay: 5.640 ms

Loss rate: 0.00%

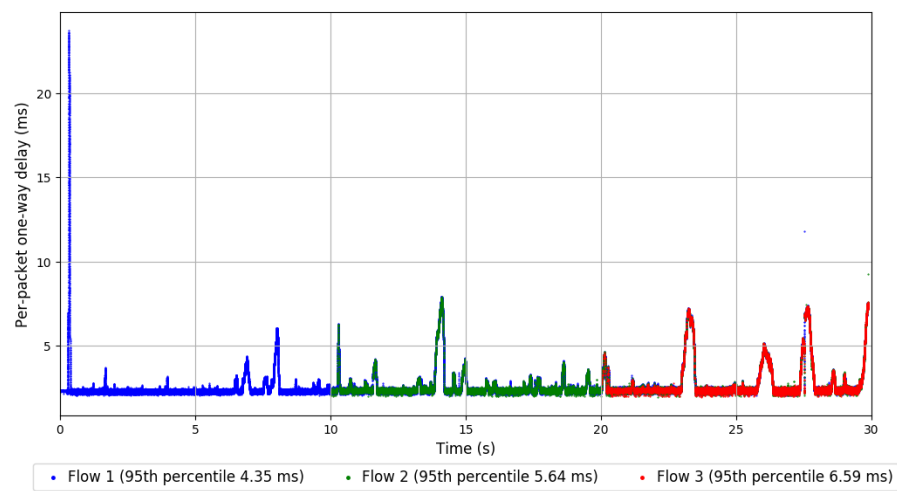
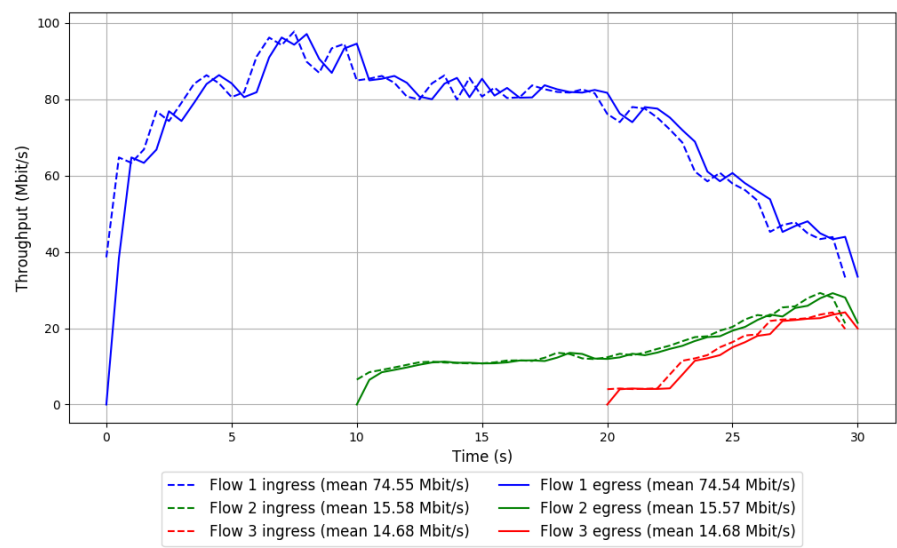
-- Flow 3:

Average throughput: 14.68 Mbit/s

95th percentile per-packet one-way delay: 6.593 ms

Loss rate: 0.00%

Run 2: Report of PCC-Allegro — Data Link

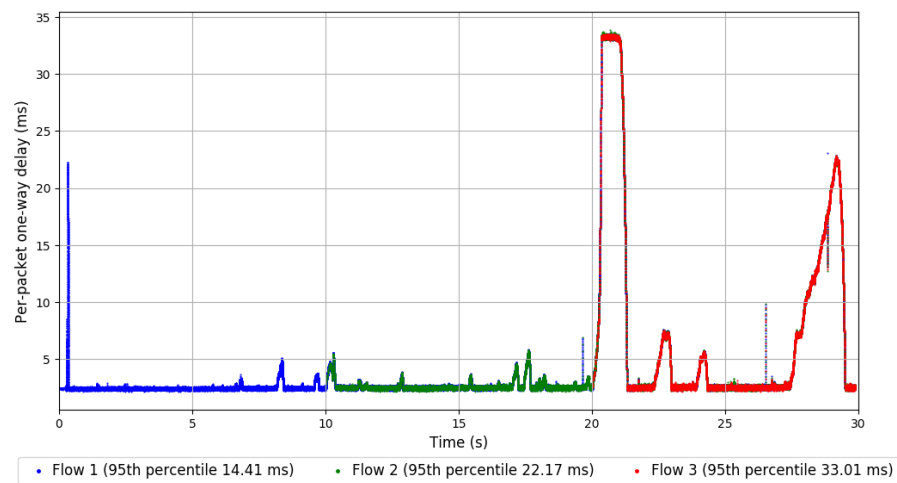
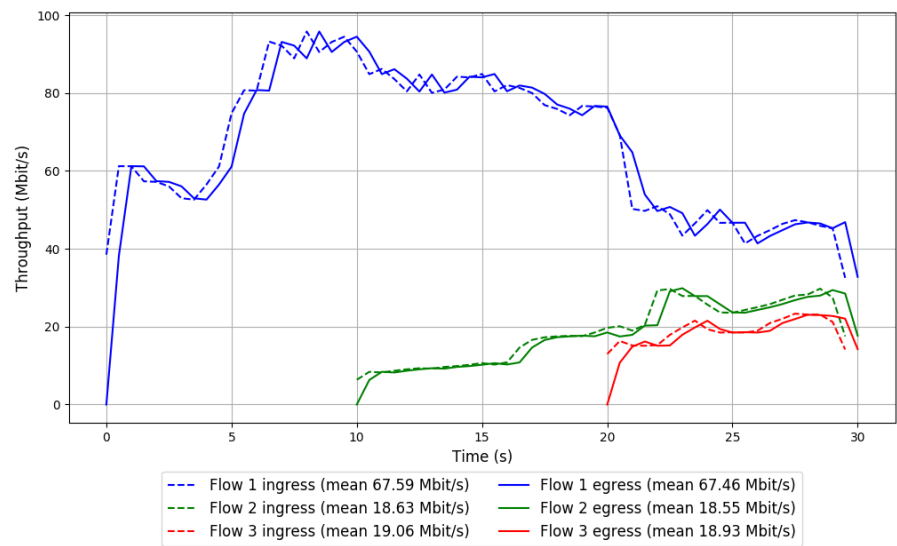


Run 3: Statistics of PCC-Allegro

Start at: 2018-07-17 17:28:43
End at: 2018-07-17 17:29:13
Local clock offset: -5.884 ms
Remote clock offset: -2.412 ms

```
# Below is generated by plot.py at 2018-07-17 20:05:53
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.04 Mbit/s
95th percentile per-packet one-way delay: 18.914 ms
Loss rate: 0.27%
-- Flow 1:
Average throughput: 67.46 Mbit/s
95th percentile per-packet one-way delay: 14.412 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 18.55 Mbit/s
95th percentile per-packet one-way delay: 22.168 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 18.93 Mbit/s
95th percentile per-packet one-way delay: 33.012 ms
Loss rate: 0.70%
```


Run 3: Report of PCC-Allegro — Data Link

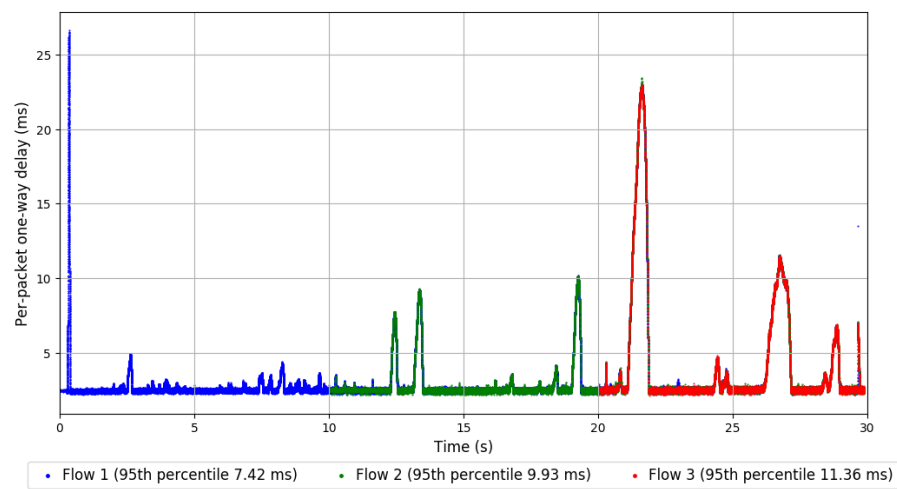
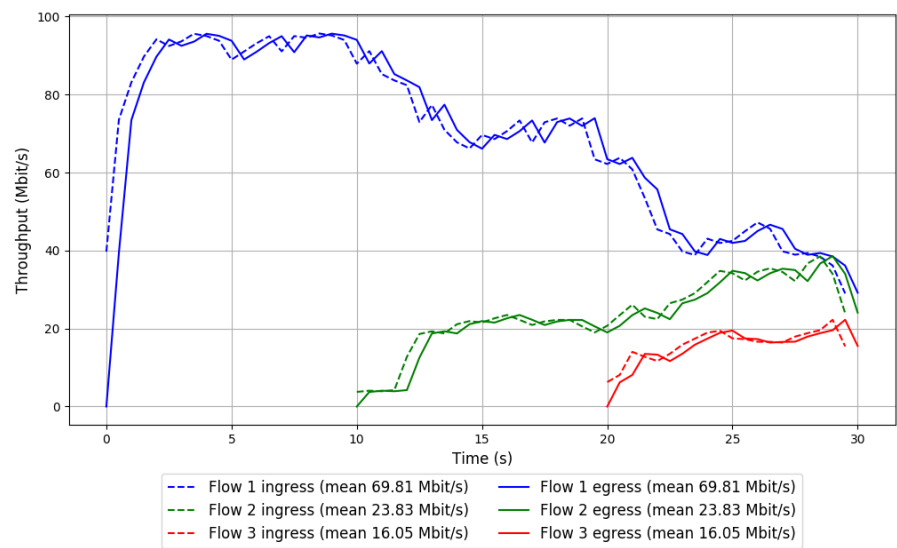


Run 4: Statistics of PCC-Allegro

Start at: 2018-07-17 17:47:55
End at: 2018-07-17 17:48:25
Local clock offset: -5.891 ms
Remote clock offset: -3.404 ms

```
# Below is generated by plot.py at 2018-07-17 20:05:57
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.94 Mbit/s
95th percentile per-packet one-way delay: 8.811 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 69.81 Mbit/s
95th percentile per-packet one-way delay: 7.415 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 23.83 Mbit/s
95th percentile per-packet one-way delay: 9.929 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 16.05 Mbit/s
95th percentile per-packet one-way delay: 11.357 ms
Loss rate: 0.00%
```

Run 4: Report of PCC-Allegro — Data Link

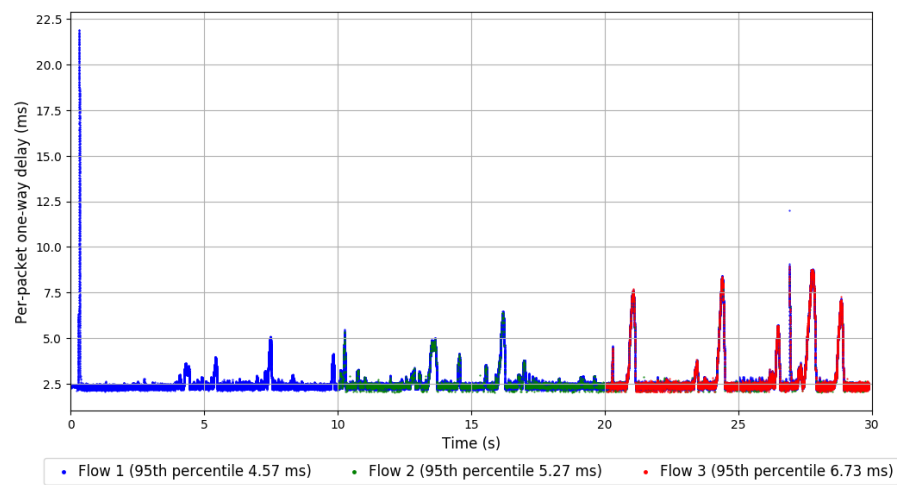
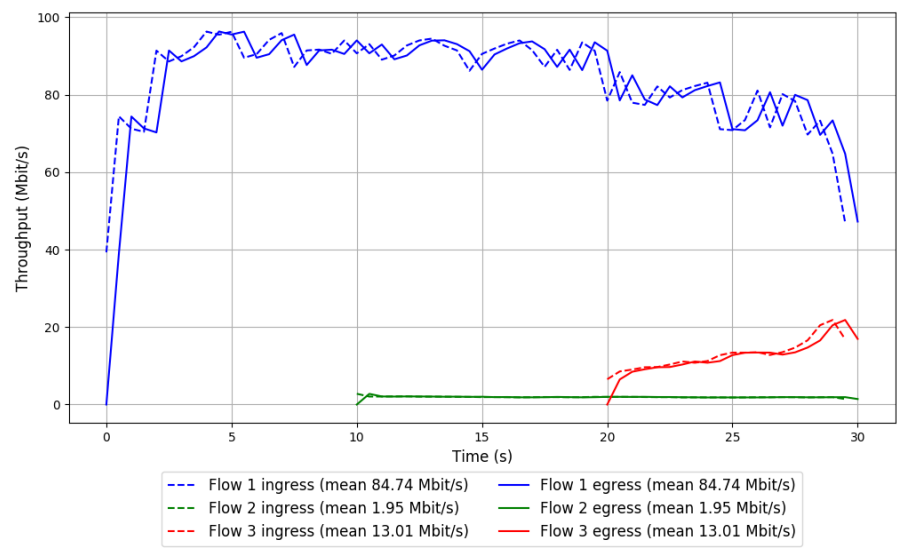


Run 5: Statistics of PCC-Allegro

Start at: 2018-07-17 18:07:07
End at: 2018-07-17 18:07:37
Local clock offset: -5.545 ms
Remote clock offset: -2.286 ms

Below is generated by plot.py at 2018-07-17 20:05:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.33 Mbit/s
95th percentile per-packet one-way delay: 4.679 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 84.74 Mbit/s
95th percentile per-packet one-way delay: 4.565 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.95 Mbit/s
95th percentile per-packet one-way delay: 5.274 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 13.01 Mbit/s
95th percentile per-packet one-way delay: 6.726 ms
Loss rate: 0.00%

Run 5: Report of PCC-Allegro — Data Link

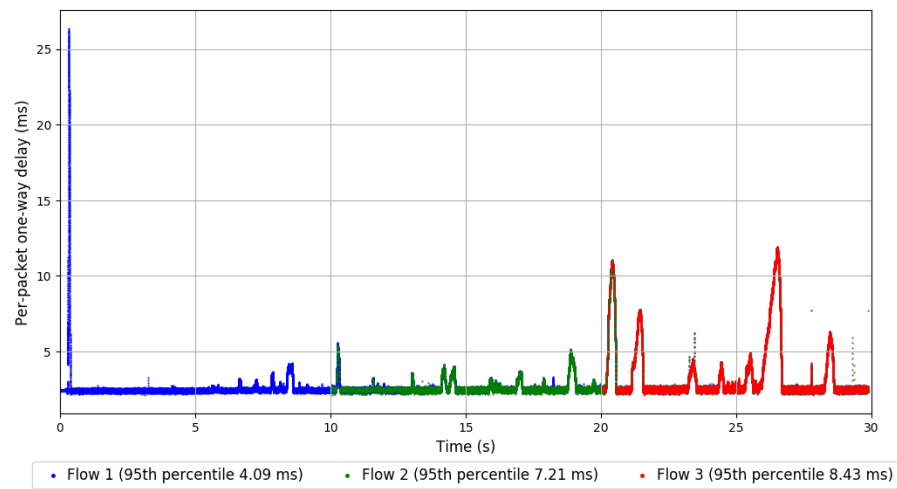
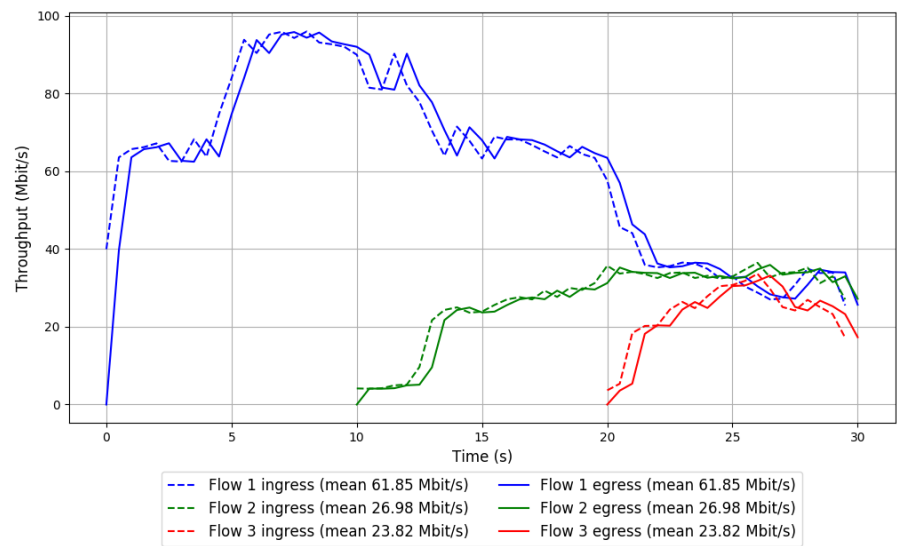


Run 6: Statistics of PCC-Allegro

Start at: 2018-07-17 18:26:19
End at: 2018-07-17 18:26:49
Local clock offset: -5.397 ms
Remote clock offset: -2.041 ms

Below is generated by plot.py at 2018-07-17 20:06:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.63 Mbit/s
95th percentile per-packet one-way delay: 5.221 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 61.85 Mbit/s
95th percentile per-packet one-way delay: 4.089 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 26.98 Mbit/s
95th percentile per-packet one-way delay: 7.213 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.82 Mbit/s
95th percentile per-packet one-way delay: 8.430 ms
Loss rate: 0.00%

Run 6: Report of PCC-Allegro — Data Link

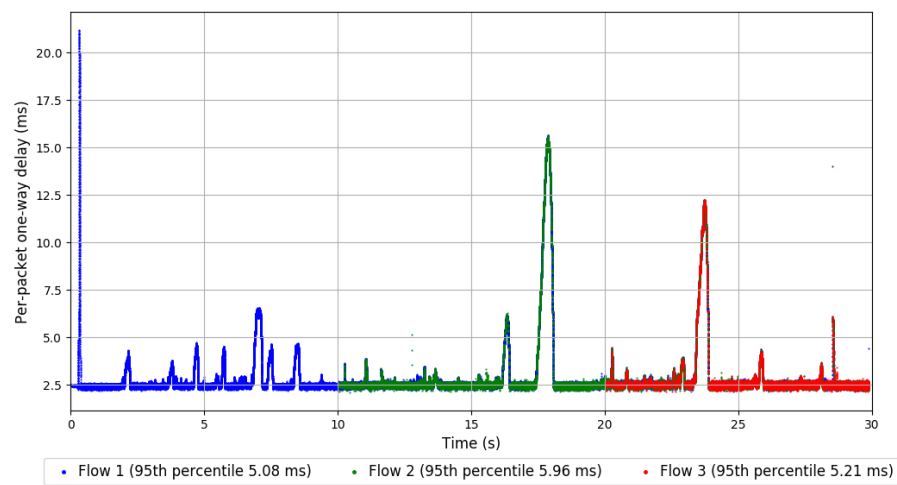
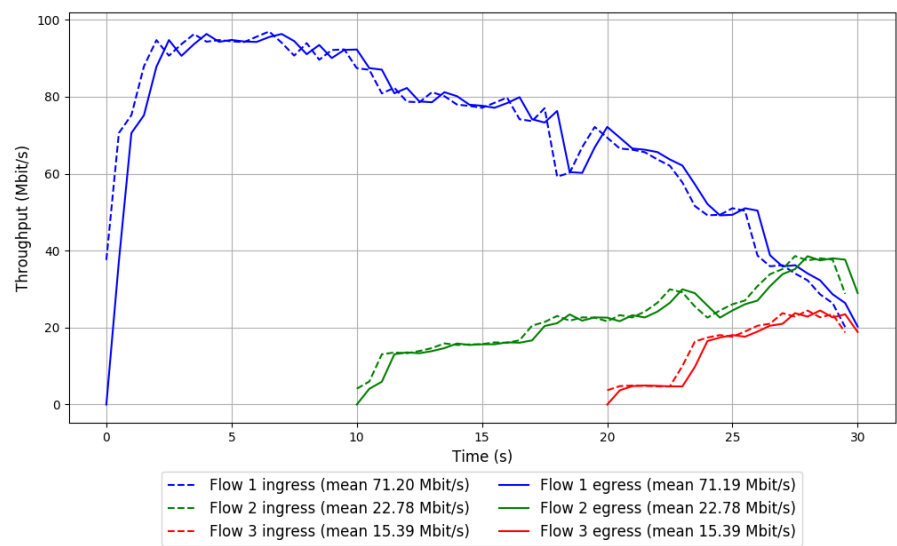


Run 7: Statistics of PCC-Allegro

Start at: 2018-07-17 18:45:31
End at: 2018-07-17 18:46:01
Local clock offset: -5.164 ms
Remote clock offset: -2.004 ms

```
# Below is generated by plot.py at 2018-07-17 20:06:07
# Datalink statistics
-- Total of 3 flows:
Average throughput: 91.42 Mbit/s
95th percentile per-packet one-way delay: 5.227 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 71.19 Mbit/s
95th percentile per-packet one-way delay: 5.080 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 22.78 Mbit/s
95th percentile per-packet one-way delay: 5.958 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 15.39 Mbit/s
95th percentile per-packet one-way delay: 5.206 ms
Loss rate: 0.00%
```


Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-07-17 19:04:42

End at: 2018-07-17 19:05:12

Local clock offset: -5.66 ms

Remote clock offset: 8.7 ms

Below is generated by plot.py at 2018-07-17 20:06:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 83.06 Mbit/s

95th percentile per-packet one-way delay: 5.081 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 67.16 Mbit/s

95th percentile per-packet one-way delay: 4.606 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 17.93 Mbit/s

95th percentile per-packet one-way delay: 5.792 ms

Loss rate: 0.00%

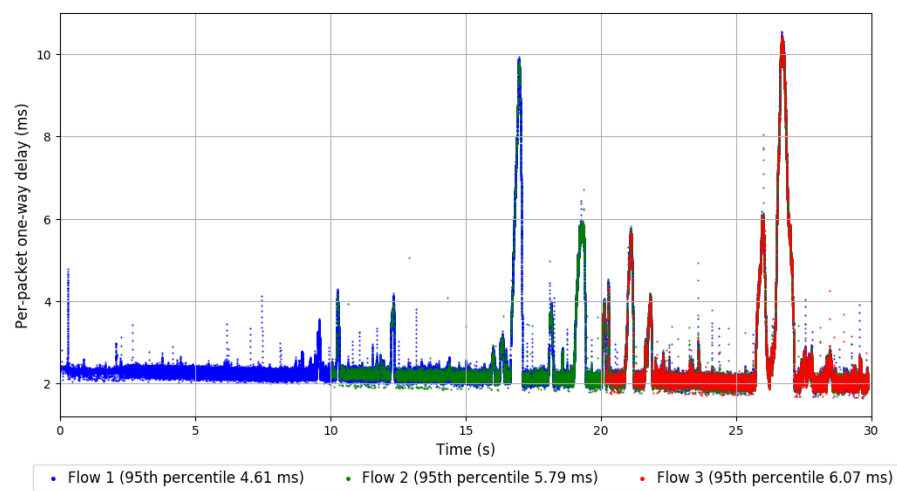
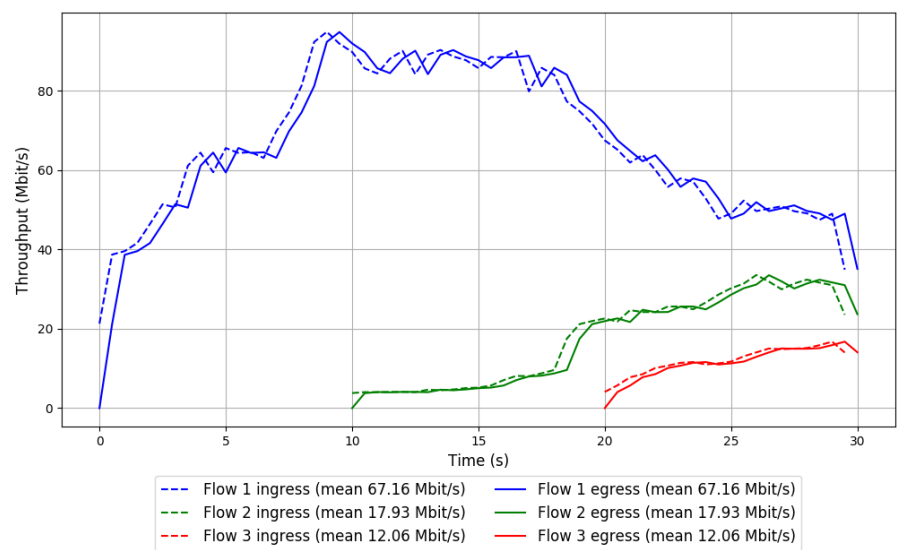
-- Flow 3:

Average throughput: 12.06 Mbit/s

95th percentile per-packet one-way delay: 6.071 ms

Loss rate: 0.00%

Run 8: Report of PCC-Allegro — Data Link

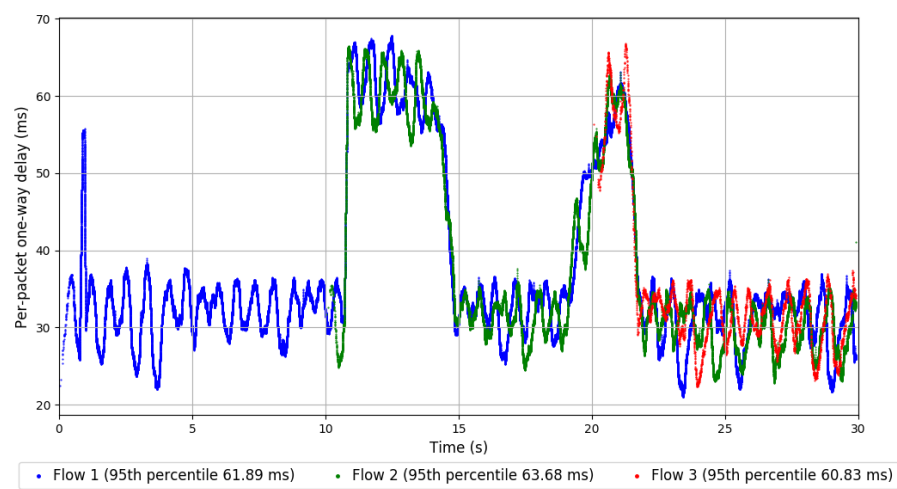
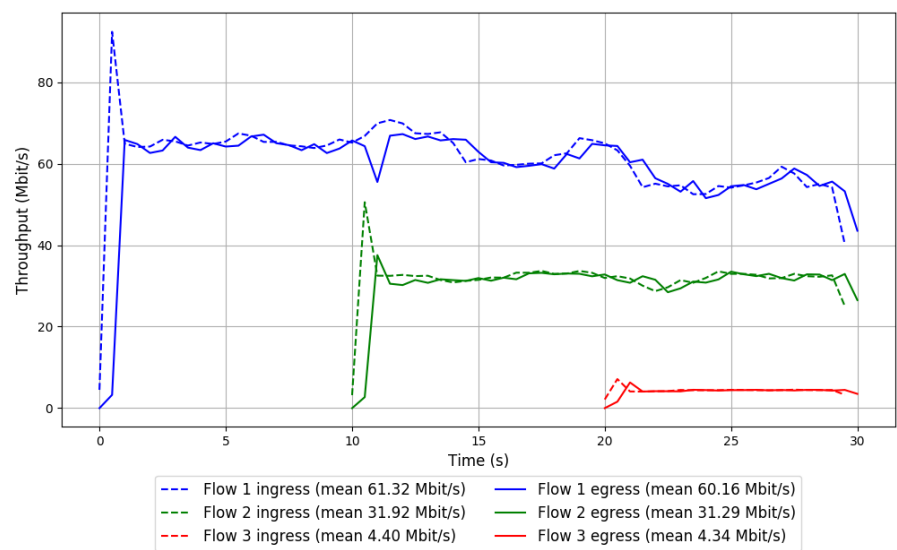


Run 9: Statistics of PCC-Allegro

Start at: 2018-07-17 19:23:56
End at: 2018-07-17 19:24:26
Local clock offset: 12.947 ms
Remote clock offset: 18.248 ms

```
# Below is generated by plot.py at 2018-07-17 20:06:47
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.37 Mbit/s
95th percentile per-packet one-way delay: 62.207 ms
Loss rate: 1.89%
-- Flow 1:
Average throughput: 60.16 Mbit/s
95th percentile per-packet one-way delay: 61.891 ms
Loss rate: 1.87%
-- Flow 2:
Average throughput: 31.29 Mbit/s
95th percentile per-packet one-way delay: 63.683 ms
Loss rate: 1.96%
-- Flow 3:
Average throughput: 4.34 Mbit/s
95th percentile per-packet one-way delay: 60.832 ms
Loss rate: 1.55%
```

Run 9: Report of PCC-Allegro — Data Link

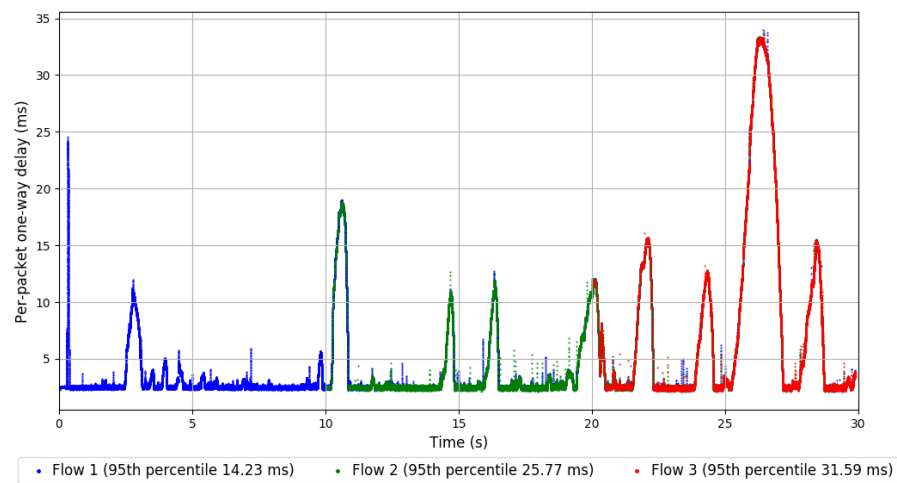
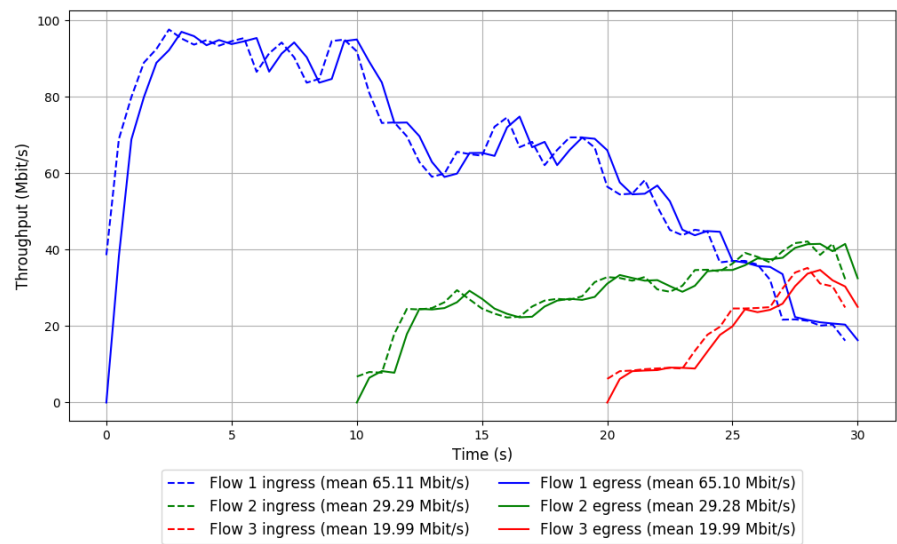


Run 10: Statistics of PCC-Allegro

Start at: 2018-07-17 19:43:15
End at: 2018-07-17 19:43:45
Local clock offset: -6.264 ms
Remote clock offset: 23.157 ms

Below is generated by plot.py at 2018-07-17 20:06:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.16 Mbit/s
95th percentile per-packet one-way delay: 17.631 ms
Loss rate: 0.02%
-- Flow 1:
Average throughput: 65.10 Mbit/s
95th percentile per-packet one-way delay: 14.235 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 29.28 Mbit/s
95th percentile per-packet one-way delay: 25.775 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 19.99 Mbit/s
95th percentile per-packet one-way delay: 31.587 ms
Loss rate: 0.04%

Run 10: Report of PCC-Allegro — Data Link

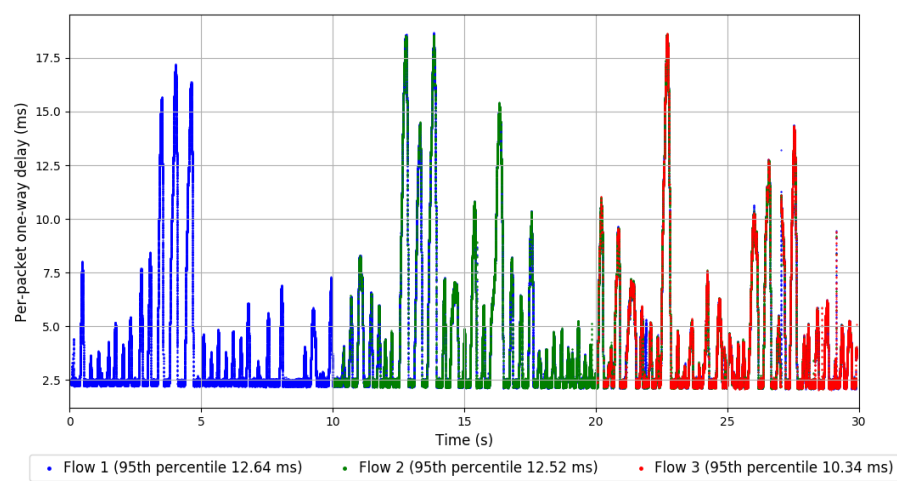
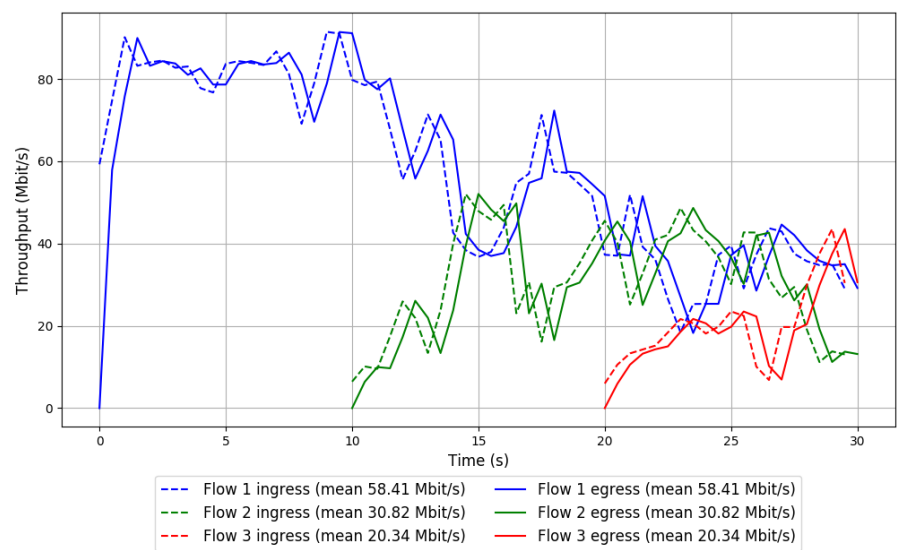


```
Run 1: Statistics of PCC-Expr

Start at: 2018-07-17 16:42:25
End at: 2018-07-17 16:42:55
Local clock offset: -5.953 ms
Remote clock offset: -1.616 ms

# Below is generated by plot.py at 2018-07-17 20:07:46
# Datalink statistics
-- Total of 3 flows:
Average throughput: 85.62 Mbit/s
95th percentile per-packet one-way delay: 12.466 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.41 Mbit/s
95th percentile per-packet one-way delay: 12.640 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 30.82 Mbit/s
95th percentile per-packet one-way delay: 12.522 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 20.34 Mbit/s
95th percentile per-packet one-way delay: 10.340 ms
Loss rate: 0.00%
```


Run 1: Report of PCC-Expr — Data Link

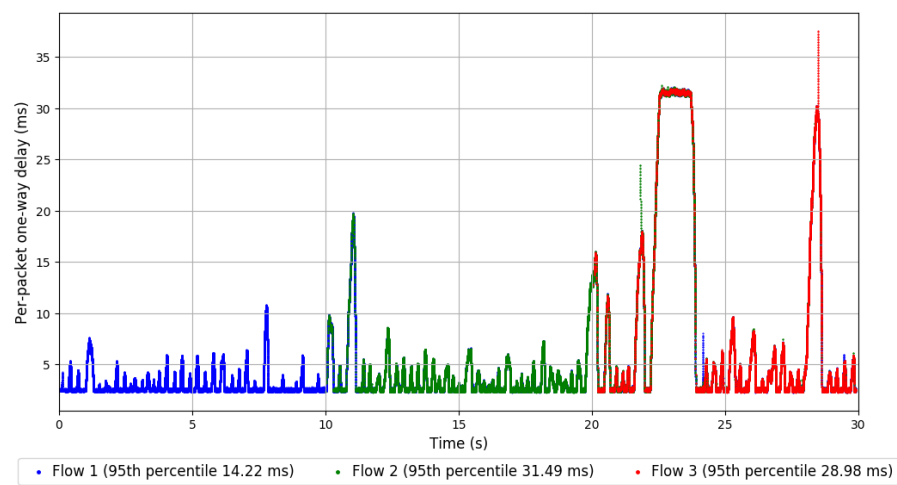
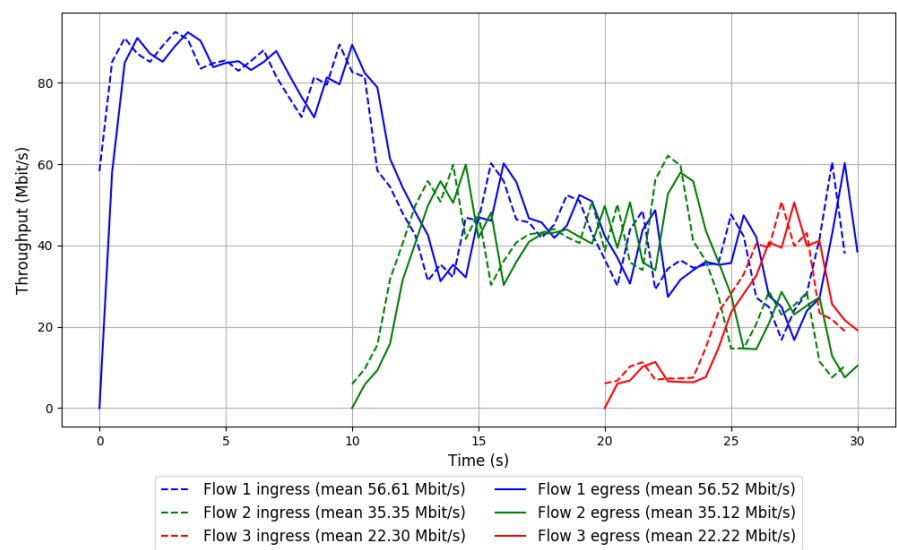


```
Run 2: Statistics of PCC-Expr

Start at: 2018-07-17 17:01:37
End at: 2018-07-17 17:02:07
Local clock offset: -5.99 ms
Remote clock offset: 0.913 ms

# Below is generated by plot.py at 2018-07-17 20:07:55
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.22 Mbit/s
95th percentile per-packet one-way delay: 27.157 ms
Loss rate: 0.32%
-- Flow 1:
Average throughput: 56.52 Mbit/s
95th percentile per-packet one-way delay: 14.220 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 35.12 Mbit/s
95th percentile per-packet one-way delay: 31.489 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 22.22 Mbit/s
95th percentile per-packet one-way delay: 28.976 ms
Loss rate: 0.47%
```

Run 2: Report of PCC-Expr — Data Link

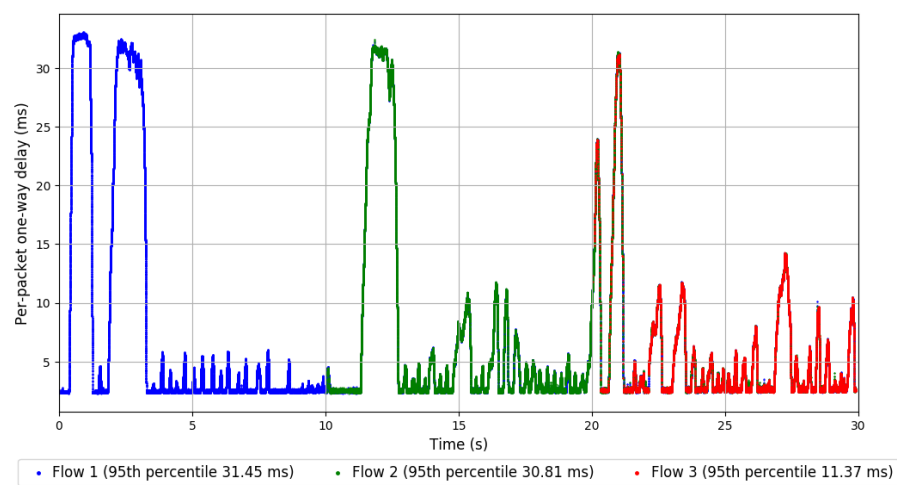
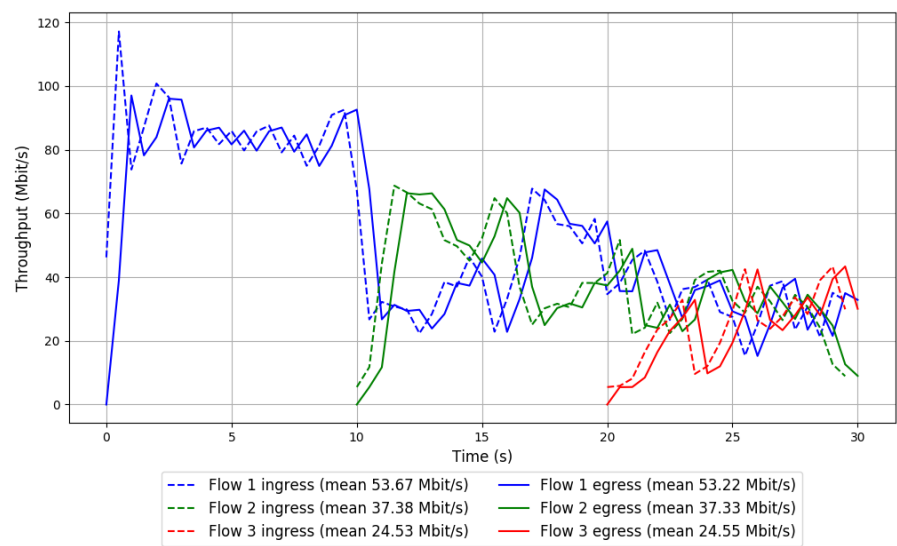


Run 3: Statistics of PCC-Expr

Start at: 2018-07-17 17:20:49
End at: 2018-07-17 17:21:19
Local clock offset: -5.867 ms
Remote clock offset: -0.869 ms

Below is generated by plot.py at 2018-07-17 20:07:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.16 Mbit/s
95th percentile per-packet one-way delay: 31.142 ms
Loss rate: 0.55%
-- Flow 1:
Average throughput: 53.22 Mbit/s
95th percentile per-packet one-way delay: 31.453 ms
Loss rate: 0.83%
-- Flow 2:
Average throughput: 37.33 Mbit/s
95th percentile per-packet one-way delay: 30.814 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 24.55 Mbit/s
95th percentile per-packet one-way delay: 11.365 ms
Loss rate: 0.00%

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2018-07-17 17:40:01

End at: 2018-07-17 17:40:31

Local clock offset: -5.972 ms

Remote clock offset: -3.27 ms

Below is generated by plot.py at 2018-07-17 20:07:57

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.25 Mbit/s

95th percentile per-packet one-way delay: 12.683 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 60.32 Mbit/s

95th percentile per-packet one-way delay: 10.952 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 29.14 Mbit/s

95th percentile per-packet one-way delay: 13.050 ms

Loss rate: 0.00%

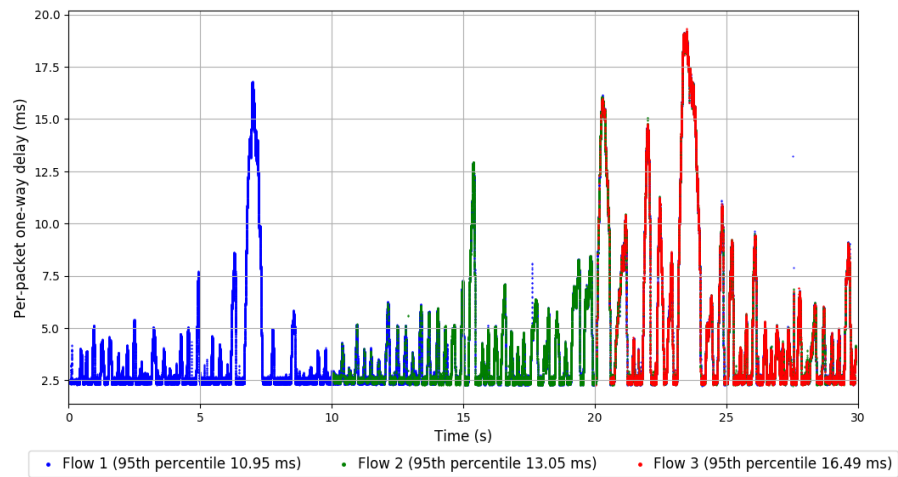
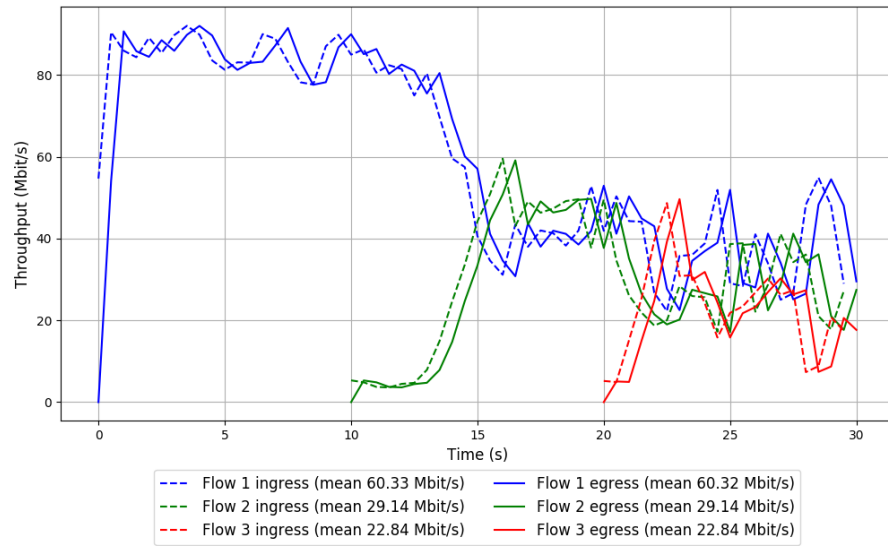
-- Flow 3:

Average throughput: 22.84 Mbit/s

95th percentile per-packet one-way delay: 16.493 ms

Loss rate: 0.00%

Run 4: Report of PCC-Expr — Data Link

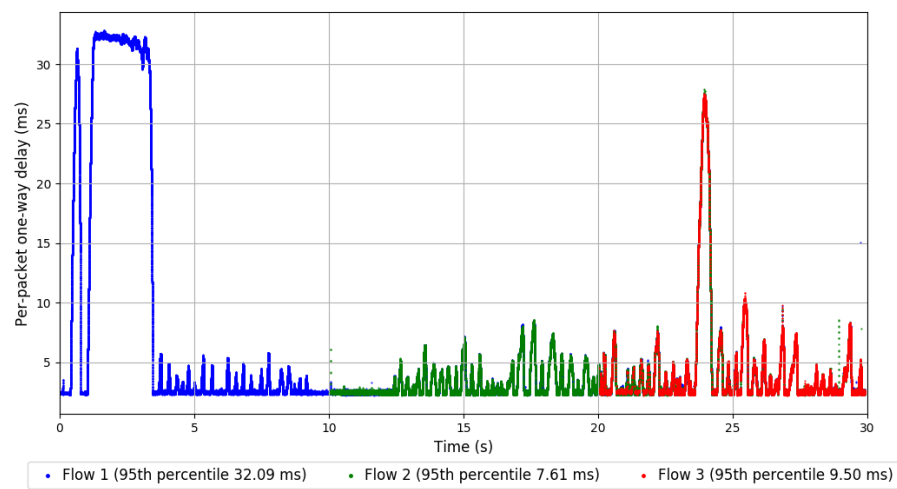
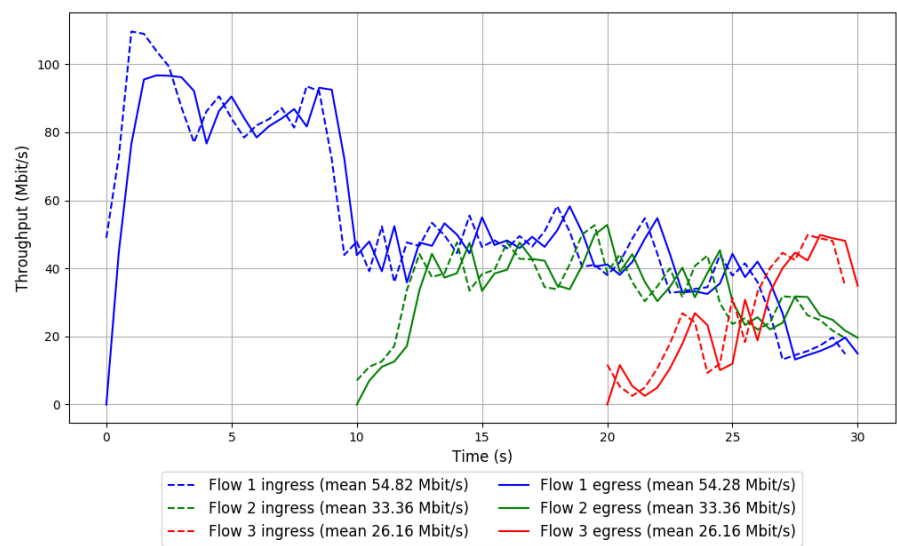


Run 5: Statistics of PCC-Expr

Start at: 2018-07-17 17:59:13
End at: 2018-07-17 17:59:43
Local clock offset: -5.733 ms
Remote clock offset: -2.515 ms

Below is generated by plot.py at 2018-07-17 20:08:00
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.11 Mbit/s
95th percentile per-packet one-way delay: 31.466 ms
Loss rate: 0.62%
-- Flow 1:
Average throughput: 54.28 Mbit/s
95th percentile per-packet one-way delay: 32.095 ms
Loss rate: 0.98%
-- Flow 2:
Average throughput: 33.36 Mbit/s
95th percentile per-packet one-way delay: 7.609 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.16 Mbit/s
95th percentile per-packet one-way delay: 9.504 ms
Loss rate: 0.00%

Run 5: Report of PCC-Expr — Data Link

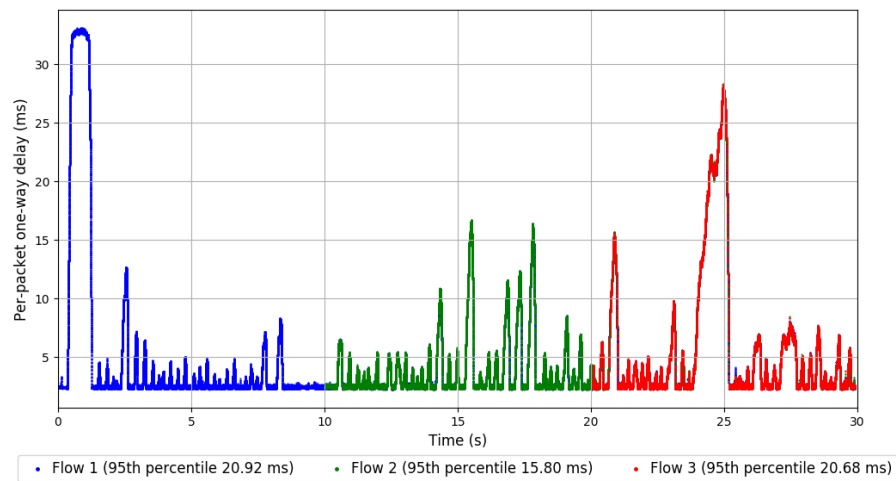
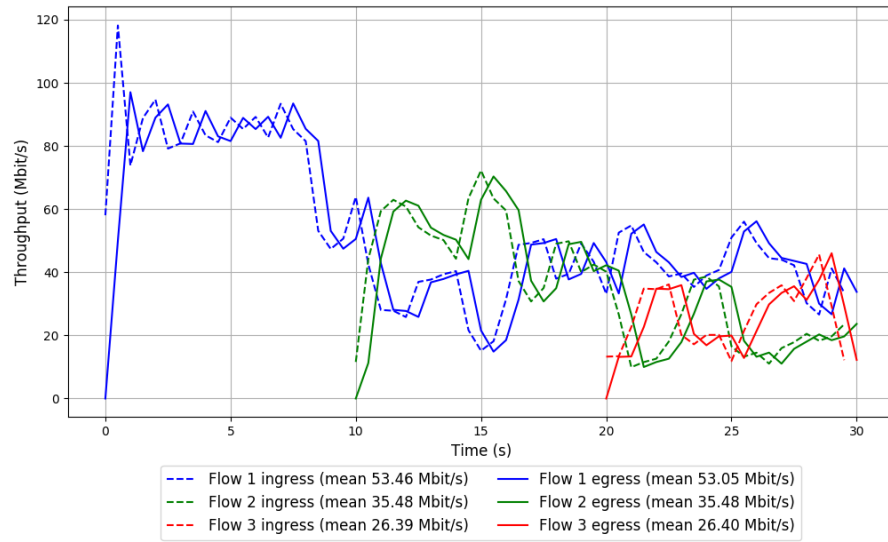


Run 6: Statistics of PCC-Expr

Start at: 2018-07-17 18:18:25
End at: 2018-07-17 18:18:55
Local clock offset: -5.478 ms
Remote clock offset: -2.027 ms

Below is generated by plot.py at 2018-07-17 20:08:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.37 Mbit/s
95th percentile per-packet one-way delay: 18.573 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 53.05 Mbit/s
95th percentile per-packet one-way delay: 20.916 ms
Loss rate: 0.75%
-- Flow 2:
Average throughput: 35.48 Mbit/s
95th percentile per-packet one-way delay: 15.796 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 26.40 Mbit/s
95th percentile per-packet one-way delay: 20.683 ms
Loss rate: 0.00%

Run 6: Report of PCC-Expr — Data Link

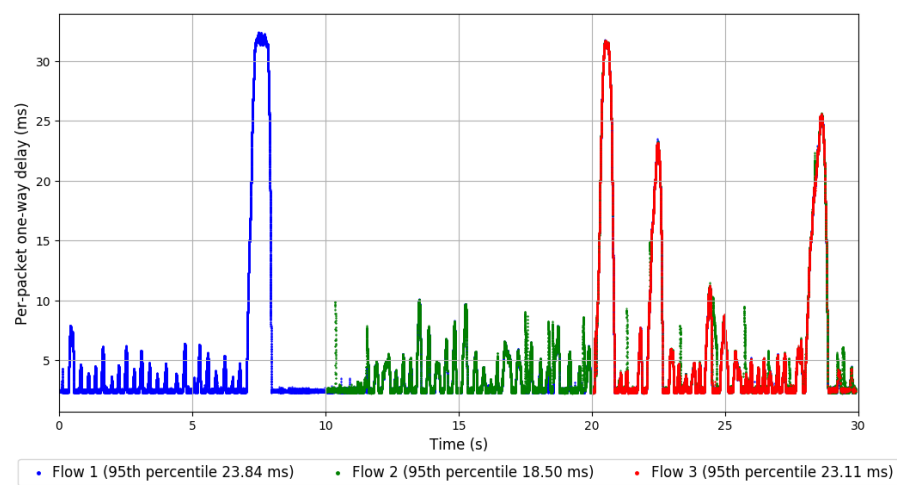
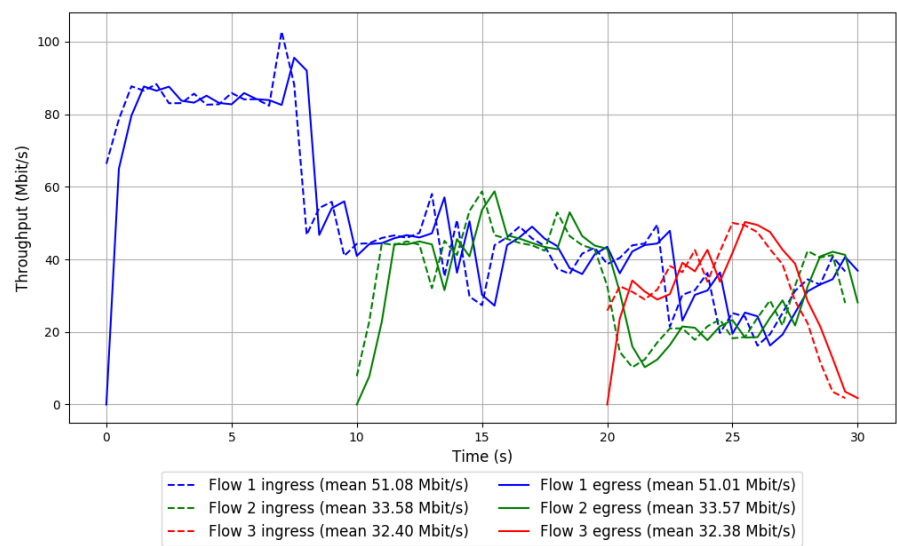


Run 7: Statistics of PCC-Expr

Start at: 2018-07-17 18:37:37
End at: 2018-07-17 18:38:07
Local clock offset: -5.246 ms
Remote clock offset: -2.049 ms

Below is generated by plot.py at 2018-07-17 20:08:53
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.03 Mbit/s
95th percentile per-packet one-way delay: 22.455 ms
Loss rate: 0.10%
-- Flow 1:
Average throughput: 51.01 Mbit/s
95th percentile per-packet one-way delay: 23.839 ms
Loss rate: 0.14%
-- Flow 2:
Average throughput: 33.57 Mbit/s
95th percentile per-packet one-way delay: 18.499 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 32.38 Mbit/s
95th percentile per-packet one-way delay: 23.114 ms
Loss rate: 0.07%

Run 7: Report of PCC-Expr — Data Link

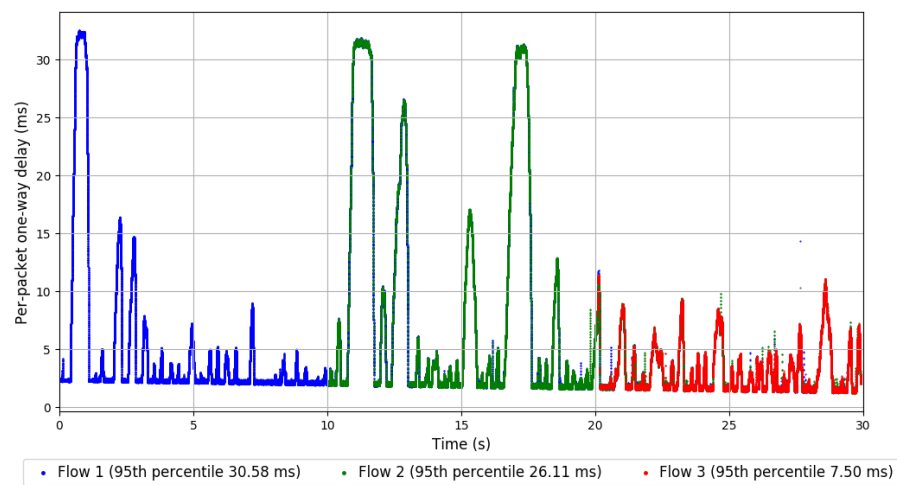
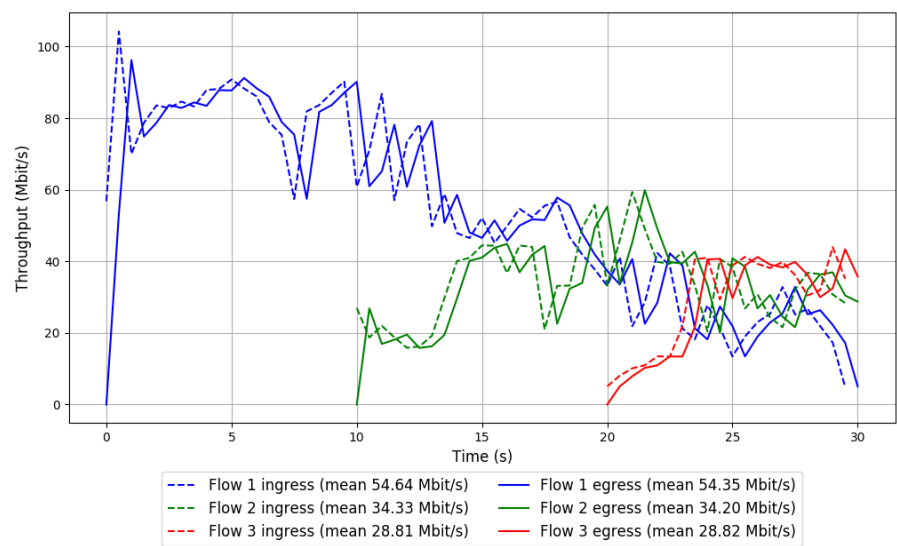


Run 8: Statistics of PCC-Expr

Start at: 2018-07-17 18:56:48
End at: 2018-07-17 18:57:18
Local clock offset: -5.204 ms
Remote clock offset: -1.977 ms

Below is generated by plot.py at 2018-07-17 20:09:03
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.61 Mbit/s
95th percentile per-packet one-way delay: 28.943 ms
Loss rate: 0.44%
-- Flow 1:
Average throughput: 54.35 Mbit/s
95th percentile per-packet one-way delay: 30.581 ms
Loss rate: 0.53%
-- Flow 2:
Average throughput: 34.20 Mbit/s
95th percentile per-packet one-way delay: 26.110 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 28.82 Mbit/s
95th percentile per-packet one-way delay: 7.495 ms
Loss rate: 0.00%

Run 8: Report of PCC-Expr — Data Link

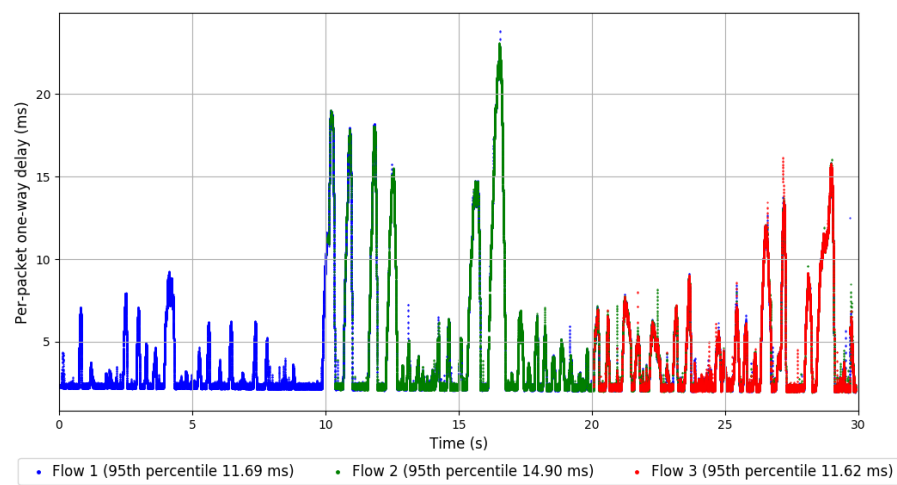
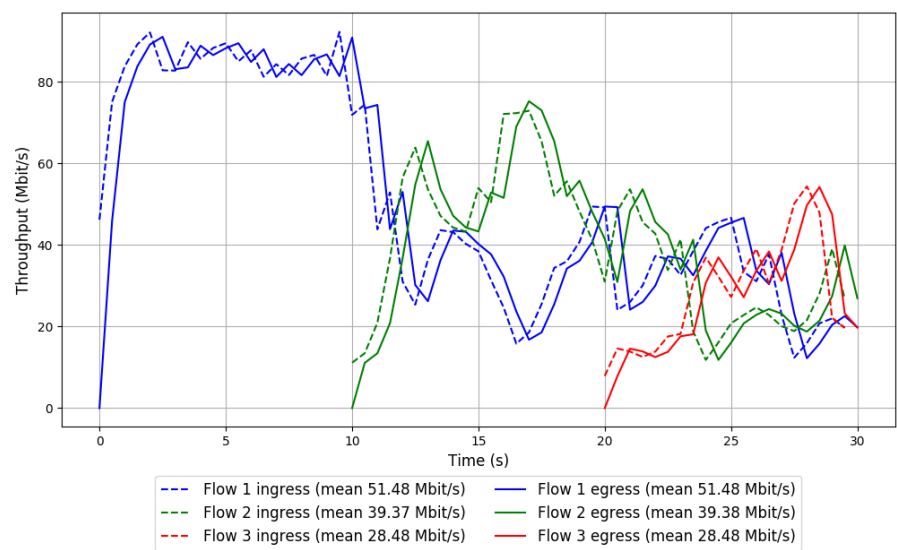


Run 9: Statistics of PCC-Expr

Start at: 2018-07-17 19:16:00
End at: 2018-07-17 19:16:30
Local clock offset: -5.908 ms
Remote clock offset: 15.481 ms

Below is generated by plot.py at 2018-07-17 20:09:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.07 Mbit/s
95th percentile per-packet one-way delay: 13.140 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 51.48 Mbit/s
95th percentile per-packet one-way delay: 11.687 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.38 Mbit/s
95th percentile per-packet one-way delay: 14.904 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 28.48 Mbit/s
95th percentile per-packet one-way delay: 11.618 ms
Loss rate: 0.00%

Run 9: Report of PCC-Expr — Data Link

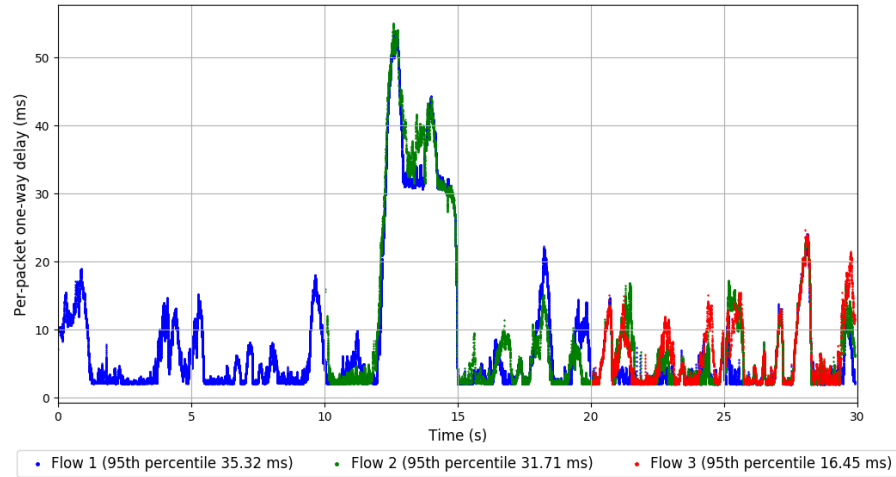
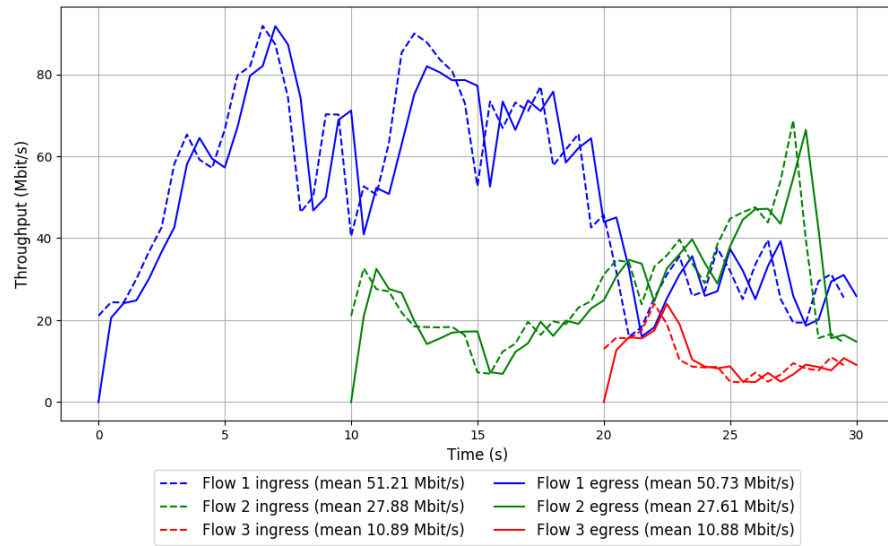


Run 10: Statistics of PCC-Expr

Start at: 2018-07-17 19:35:22
End at: 2018-07-17 19:35:52
Local clock offset: -5.905 ms
Remote clock offset: 21.311 ms

Below is generated by plot.py at 2018-07-17 20:09:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.67 Mbit/s
95th percentile per-packet one-way delay: 33.063 ms
Loss rate: 0.93%
-- Flow 1:
Average throughput: 50.73 Mbit/s
95th percentile per-packet one-way delay: 35.317 ms
Loss rate: 0.96%
-- Flow 2:
Average throughput: 27.61 Mbit/s
95th percentile per-packet one-way delay: 31.712 ms
Loss rate: 1.01%
-- Flow 3:
Average throughput: 10.88 Mbit/s
95th percentile per-packet one-way delay: 16.447 ms
Loss rate: 0.09%

Run 10: Report of PCC-Expr — Data Link

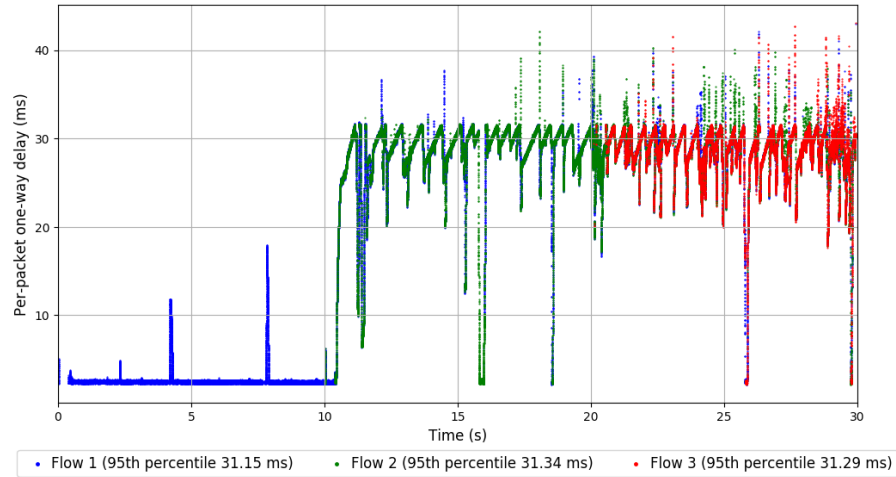
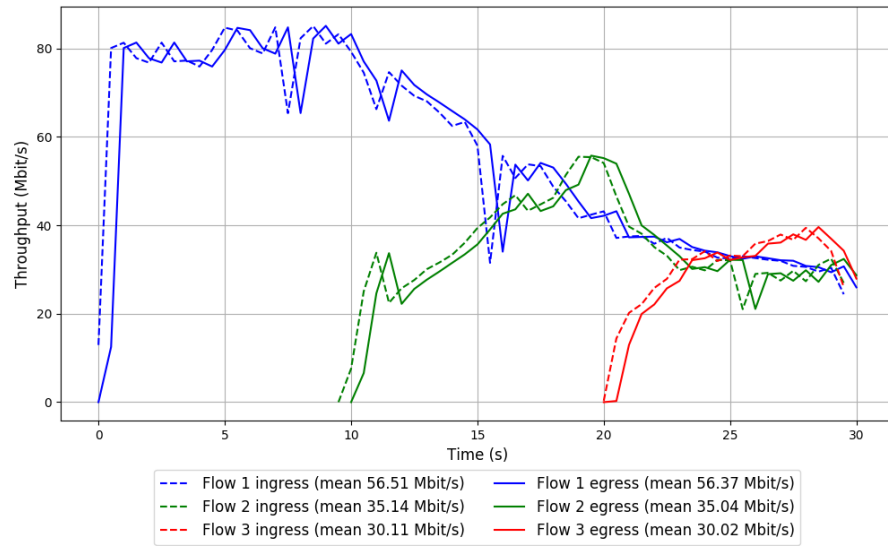


Run 1: Statistics of QUIC Cubic

Start at: 2018-07-17 16:41:17
End at: 2018-07-17 16:41:47
Local clock offset: -6.019 ms
Remote clock offset: -1.845 ms

Below is generated by plot.py at 2018-07-17 20:09:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.55 Mbit/s
95th percentile per-packet one-way delay: 31.222 ms
Loss rate: 0.12%
-- Flow 1:
Average throughput: 56.37 Mbit/s
95th percentile per-packet one-way delay: 31.146 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 35.04 Mbit/s
95th percentile per-packet one-way delay: 31.340 ms
Loss rate: 0.12%
-- Flow 3:
Average throughput: 30.02 Mbit/s
95th percentile per-packet one-way delay: 31.289 ms
Loss rate: 0.15%

Run 1: Report of QUIC Cubic — Data Link



Run 2: Statistics of QUIC Cubic

Start at: 2018-07-17 17:00:30

End at: 2018-07-17 17:01:00

Local clock offset: -5.933 ms

Remote clock offset: 0.696 ms

Below is generated by plot.py at 2018-07-17 20:09:58

Datalink statistics

-- Total of 3 flows:

Average throughput: 91.33 Mbit/s

95th percentile per-packet one-way delay: 31.153 ms

Loss rate: 0.16%

-- Flow 1:

Average throughput: 58.24 Mbit/s

95th percentile per-packet one-way delay: 31.081 ms

Loss rate: 0.14%

-- Flow 2:

Average throughput: 35.06 Mbit/s

95th percentile per-packet one-way delay: 31.210 ms

Loss rate: 0.17%

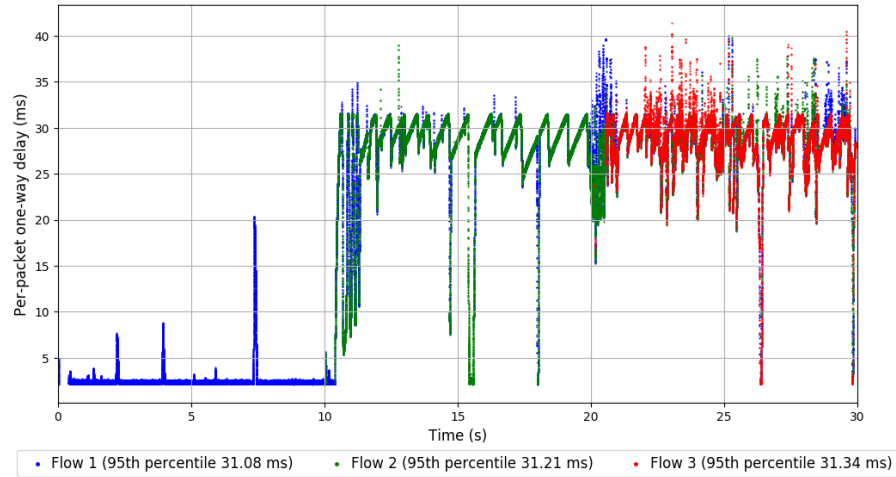
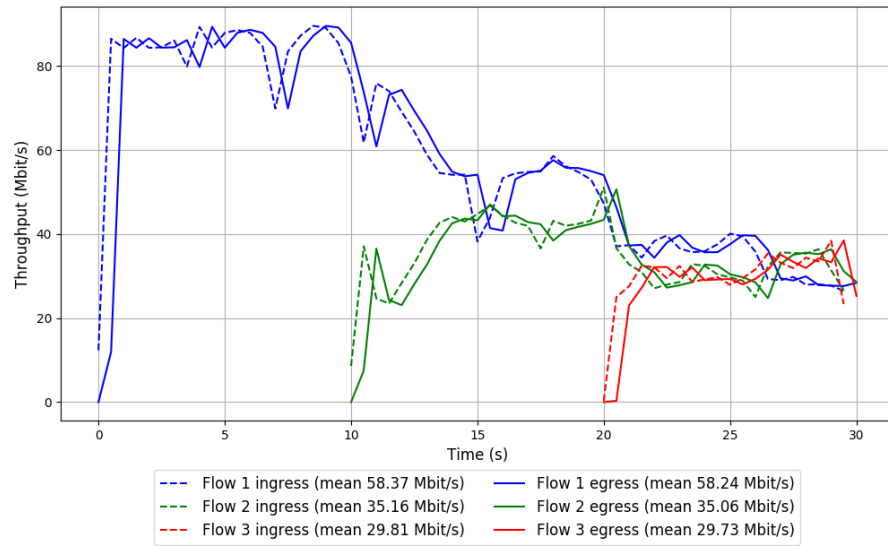
-- Flow 3:

Average throughput: 29.73 Mbit/s

95th percentile per-packet one-way delay: 31.336 ms

Loss rate: 0.20%

Run 2: Report of QUIC Cubic — Data Link

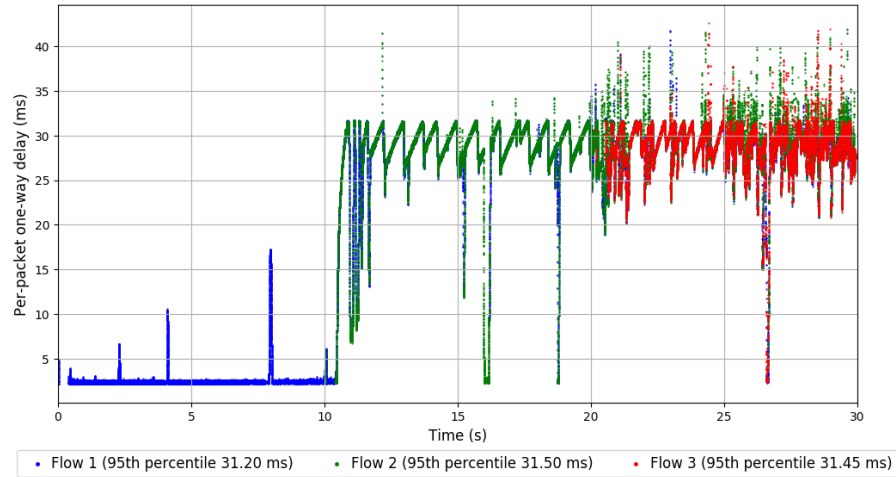
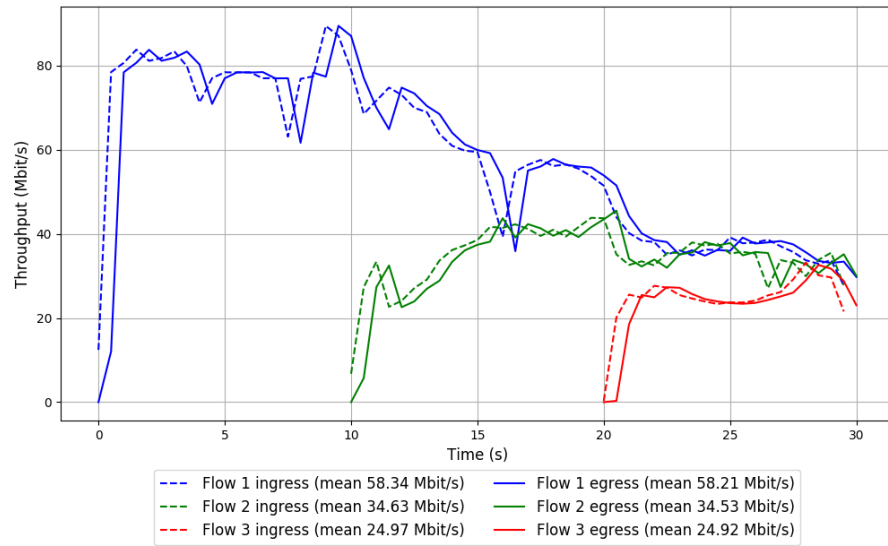


Run 3: Statistics of QUIC Cubic

Start at: 2018-07-17 17:19:42
End at: 2018-07-17 17:20:12
Local clock offset: -5.877 ms
Remote clock offset: -0.603 ms

Below is generated by plot.py at 2018-07-17 20:09:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.36 Mbit/s
95th percentile per-packet one-way delay: 31.339 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 58.21 Mbit/s
95th percentile per-packet one-way delay: 31.204 ms
Loss rate: 0.13%
-- Flow 2:
Average throughput: 34.53 Mbit/s
95th percentile per-packet one-way delay: 31.503 ms
Loss rate: 0.15%
-- Flow 3:
Average throughput: 24.92 Mbit/s
95th percentile per-packet one-way delay: 31.447 ms
Loss rate: 0.21%

Run 3: Report of QUIC Cubic — Data Link

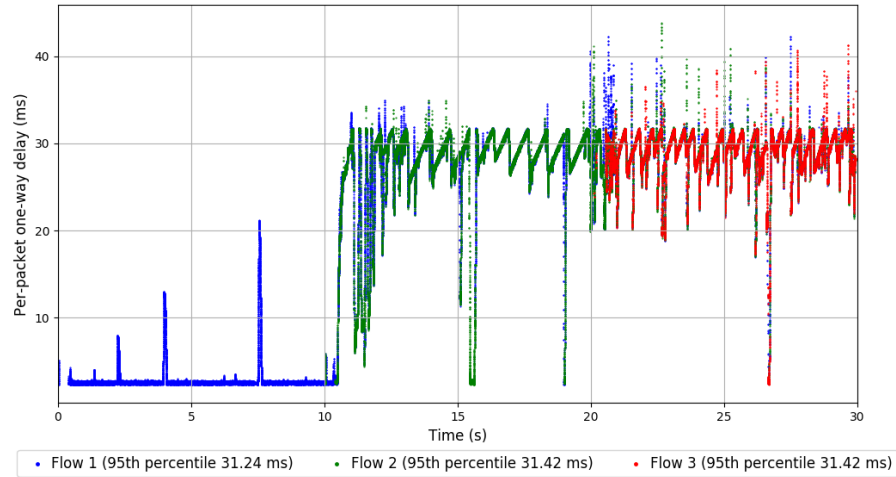
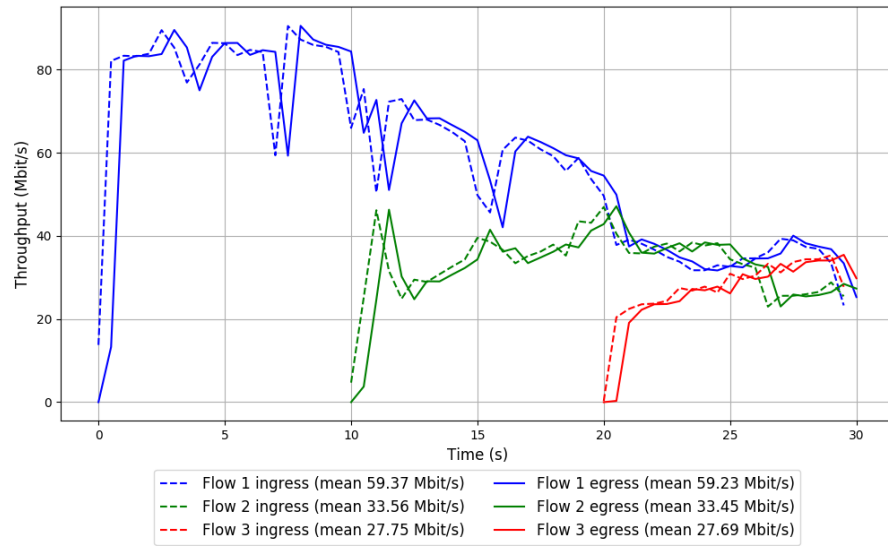


Run 4: Statistics of QUIC Cubic

Start at: 2018-07-17 17:38:53
End at: 2018-07-17 17:39:23
Local clock offset: -5.912 ms
Remote clock offset: -3.149 ms

Below is generated by plot.py at 2018-07-17 20:09:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.54 Mbit/s
95th percentile per-packet one-way delay: 31.331 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 59.23 Mbit/s
95th percentile per-packet one-way delay: 31.244 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 33.45 Mbit/s
95th percentile per-packet one-way delay: 31.420 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 27.69 Mbit/s
95th percentile per-packet one-way delay: 31.417 ms
Loss rate: 0.12%

Run 4: Report of QUIC Cubic — Data Link



Run 5: Statistics of QUIC Cubic

Start at: 2018-07-17 17:58:05

End at: 2018-07-17 17:58:35

Local clock offset: -5.761 ms

Remote clock offset: -2.57 ms

Below is generated by plot.py at 2018-07-17 20:10:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.66 Mbit/s

95th percentile per-packet one-way delay: 31.276 ms

Loss rate: 0.14%

-- Flow 1:

Average throughput: 57.14 Mbit/s

95th percentile per-packet one-way delay: 31.204 ms

Loss rate: 0.11%

-- Flow 2:

Average throughput: 34.78 Mbit/s

95th percentile per-packet one-way delay: 31.333 ms

Loss rate: 0.16%

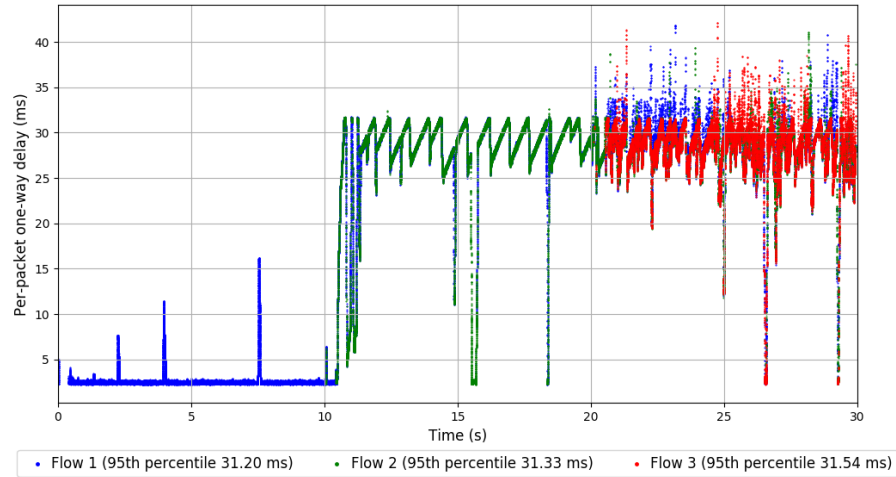
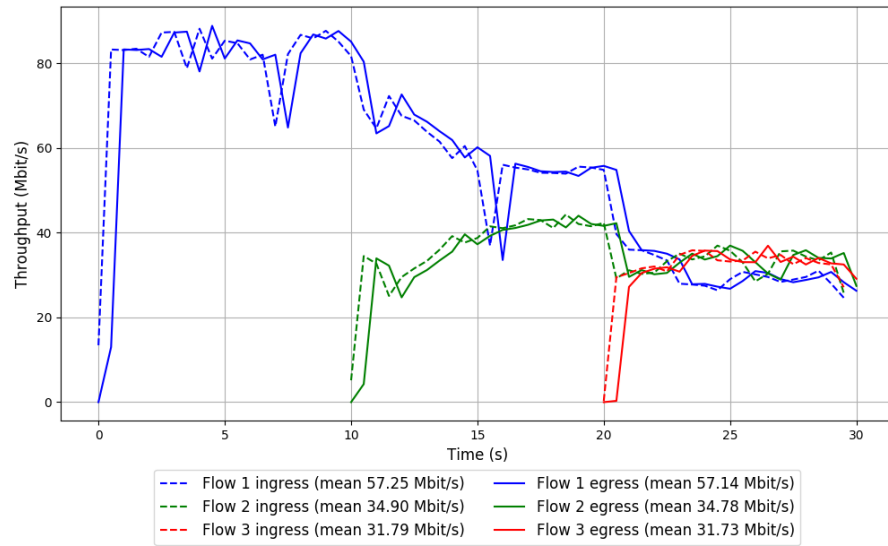
-- Flow 3:

Average throughput: 31.73 Mbit/s

95th percentile per-packet one-way delay: 31.542 ms

Loss rate: 0.21%

Run 5: Report of QUIC Cubic — Data Link

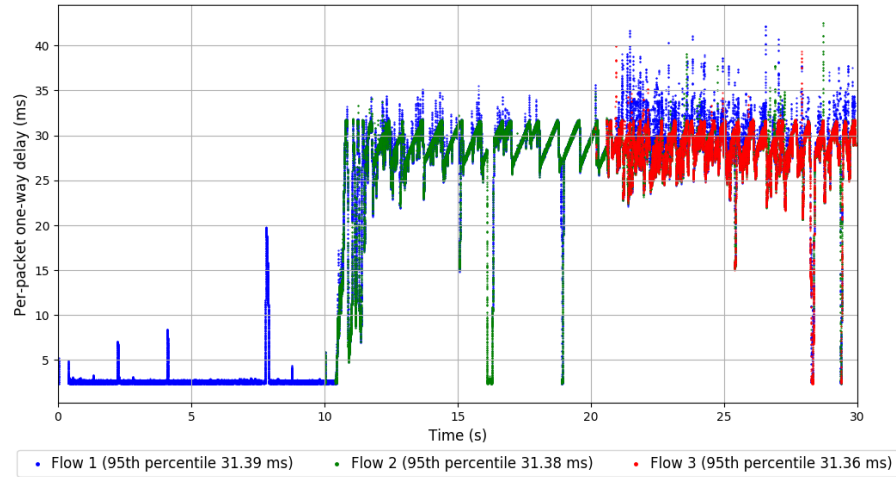
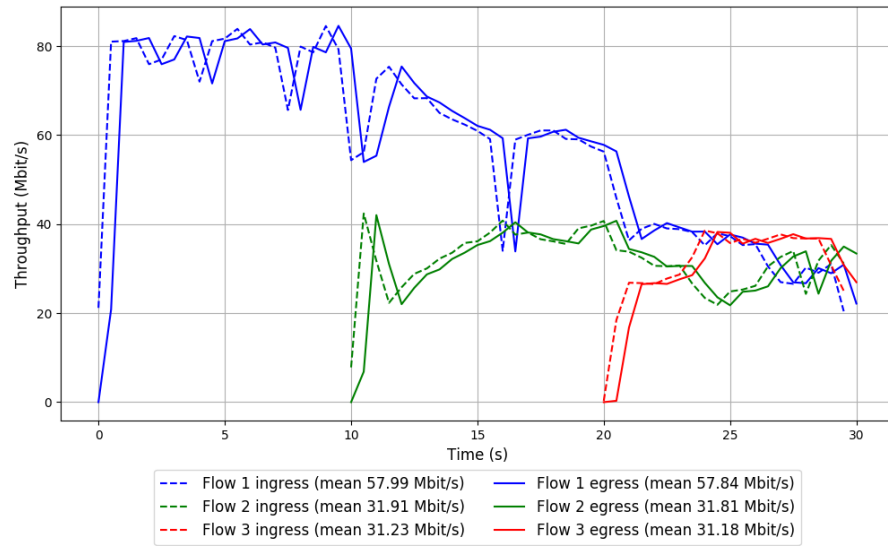


Run 6: Statistics of QUIC Cubic

Start at: 2018-07-17 18:17:18
End at: 2018-07-17 18:17:48
Local clock offset: -5.495 ms
Remote clock offset: -1.986 ms

Below is generated by plot.py at 2018-07-17 20:10:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.24 Mbit/s
95th percentile per-packet one-way delay: 31.380 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 57.84 Mbit/s
95th percentile per-packet one-way delay: 31.388 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 31.81 Mbit/s
95th percentile per-packet one-way delay: 31.381 ms
Loss rate: 0.18%
-- Flow 3:
Average throughput: 31.18 Mbit/s
95th percentile per-packet one-way delay: 31.361 ms
Loss rate: 0.16%

Run 6: Report of QUIC Cubic — Data Link

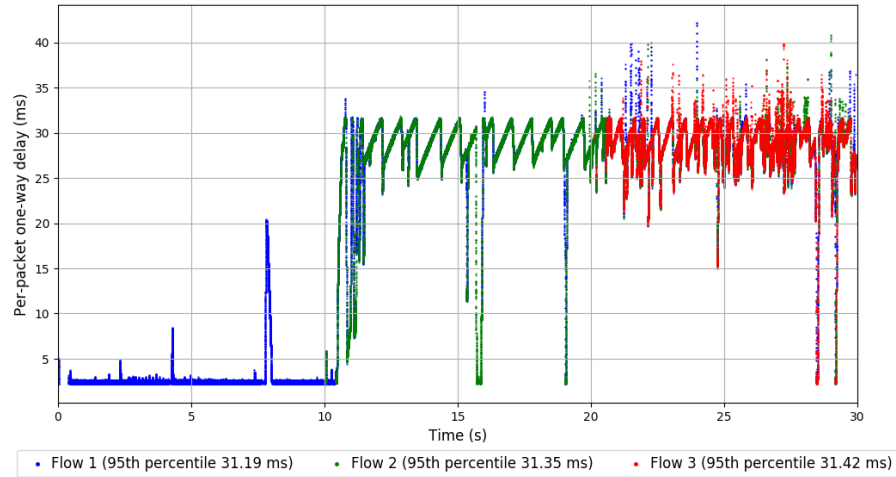
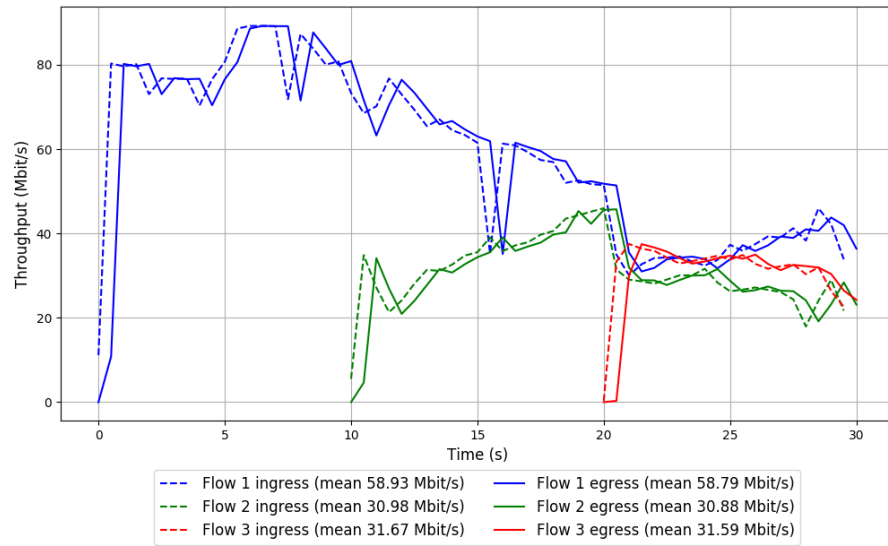


Run 7: Statistics of QUIC Cubic

Start at: 2018-07-17 18:36:29
End at: 2018-07-17 18:36:59
Local clock offset: -5.263 ms
Remote clock offset: -2.086 ms

Below is generated by plot.py at 2018-07-17 20:10:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 89.69 Mbit/s
95th percentile per-packet one-way delay: 31.271 ms
Loss rate: 0.16%
-- Flow 1:
Average throughput: 58.79 Mbit/s
95th percentile per-packet one-way delay: 31.188 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 30.88 Mbit/s
95th percentile per-packet one-way delay: 31.350 ms
Loss rate: 0.21%
-- Flow 3:
Average throughput: 31.59 Mbit/s
95th percentile per-packet one-way delay: 31.419 ms
Loss rate: 0.28%

Run 7: Report of QUIC Cubic — Data Link

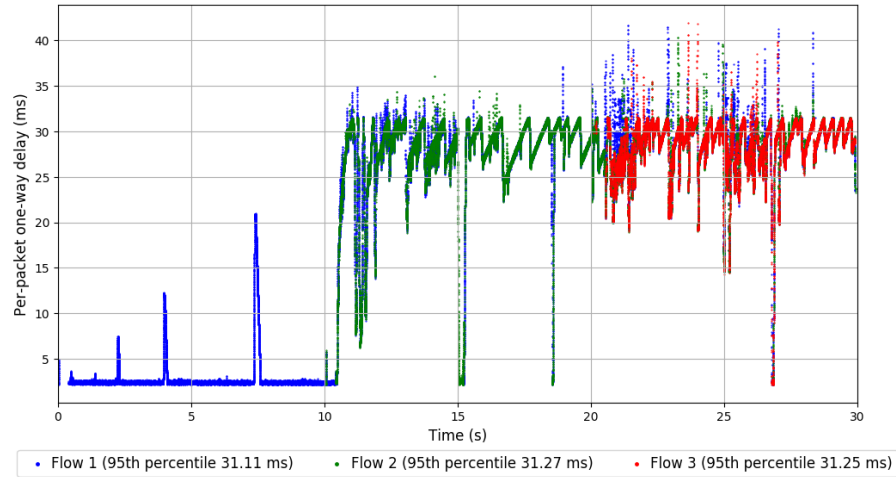
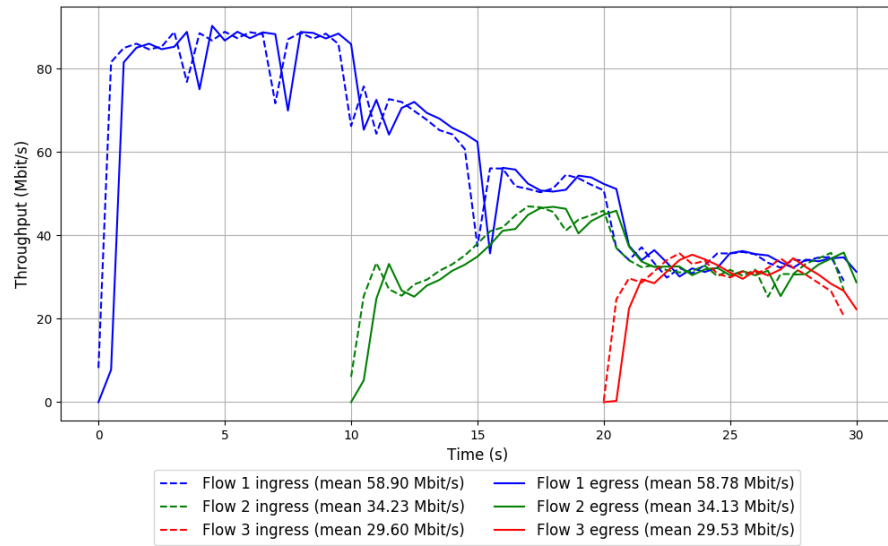


Run 8: Statistics of QUIC Cubic

Start at: 2018-07-17 18:55:41
End at: 2018-07-17 18:56:11
Local clock offset: -5.124 ms
Remote clock offset: -1.974 ms

Below is generated by plot.py at 2018-07-17 20:10:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.14 Mbit/s
95th percentile per-packet one-way delay: 31.185 ms
Loss rate: 0.15%
-- Flow 1:
Average throughput: 58.78 Mbit/s
95th percentile per-packet one-way delay: 31.112 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 34.13 Mbit/s
95th percentile per-packet one-way delay: 31.271 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 29.53 Mbit/s
95th percentile per-packet one-way delay: 31.247 ms
Loss rate: 0.26%

Run 8: Report of QUIC Cubic — Data Link

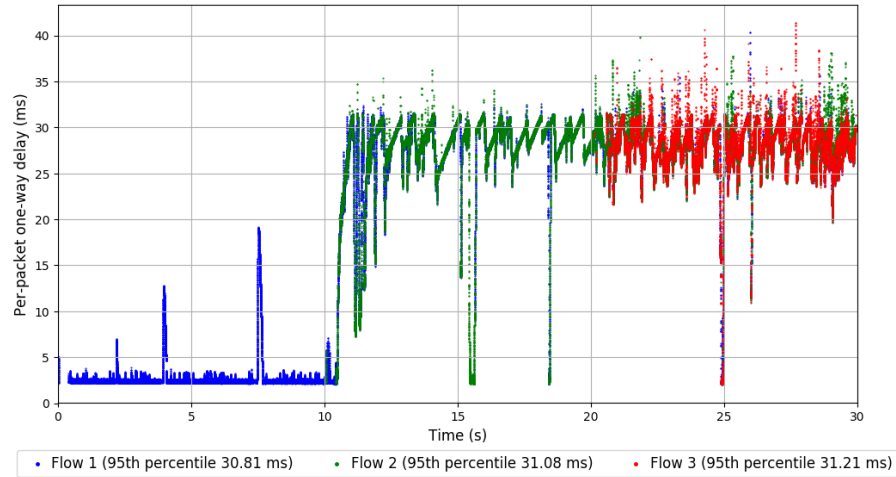
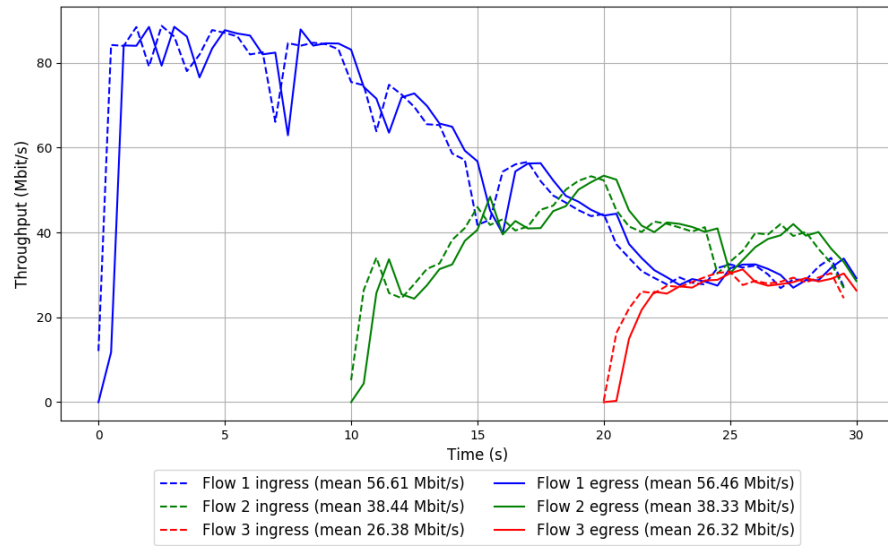


Run 9: Statistics of QUIC Cubic

Start at: 2018-07-17 19:14:52
End at: 2018-07-17 19:15:22
Local clock offset: -5.898 ms
Remote clock offset: 15.086 ms

Below is generated by plot.py at 2018-07-17 20:10:32
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.59 Mbit/s
95th percentile per-packet one-way delay: 30.979 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 56.46 Mbit/s
95th percentile per-packet one-way delay: 30.810 ms
Loss rate: 0.17%
-- Flow 2:
Average throughput: 38.33 Mbit/s
95th percentile per-packet one-way delay: 31.081 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 26.32 Mbit/s
95th percentile per-packet one-way delay: 31.207 ms
Loss rate: 0.20%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-07-17 19:34:14

End at: 2018-07-17 19:34:44

Local clock offset: -6.116 ms

Remote clock offset: 20.94 ms

Below is generated by plot.py at 2018-07-17 20:10:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.46 Mbit/s

95th percentile per-packet one-way delay: 36.563 ms

Loss rate: 0.20%

-- Flow 1:

Average throughput: 58.86 Mbit/s

95th percentile per-packet one-way delay: 35.625 ms

Loss rate: 0.16%

-- Flow 2:

Average throughput: 33.90 Mbit/s

95th percentile per-packet one-way delay: 36.978 ms

Loss rate: 0.27%

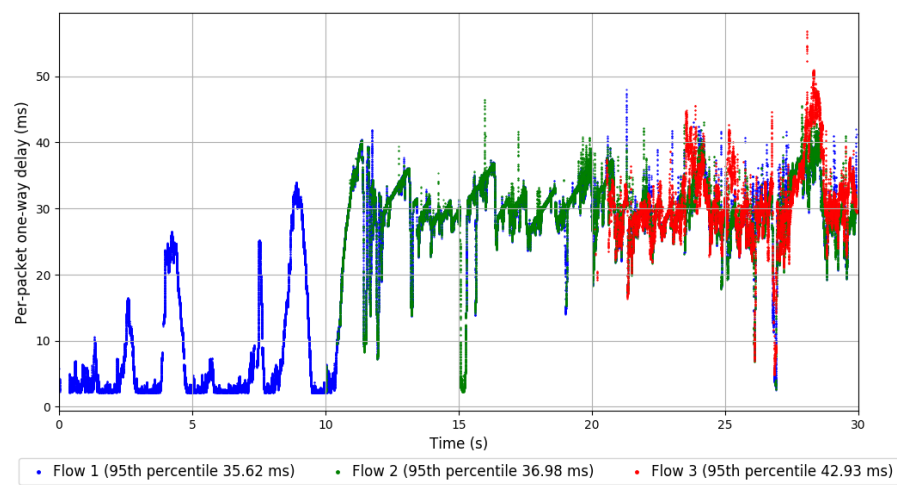
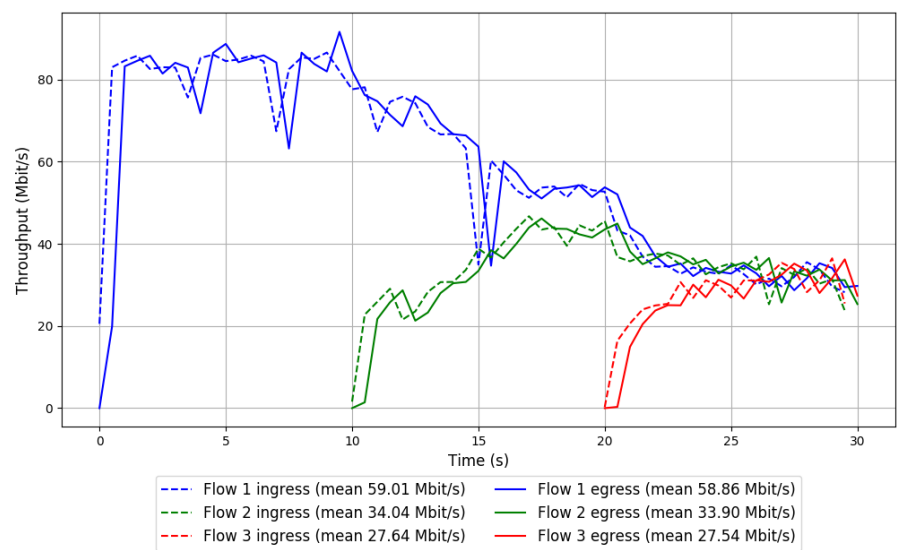
-- Flow 3:

Average throughput: 27.54 Mbit/s

95th percentile per-packet one-way delay: 42.933 ms

Loss rate: 0.31%

Run 10: Report of QUIC Cubic — Data Link

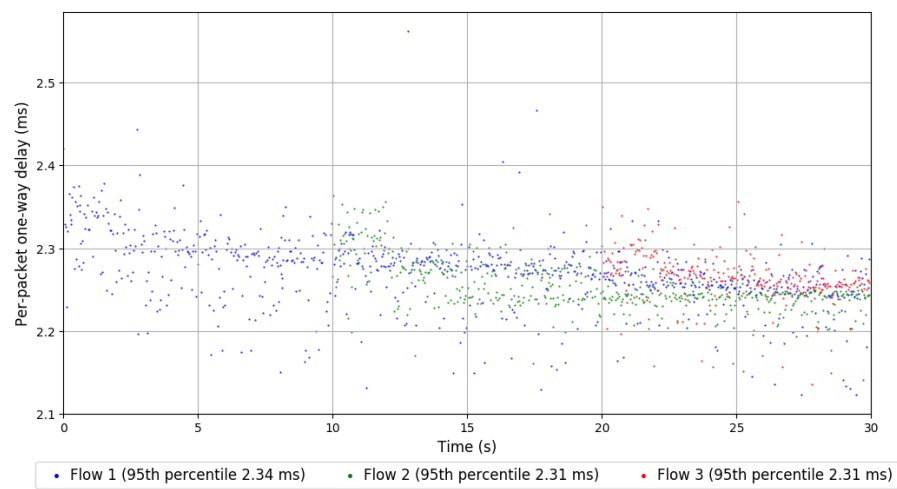
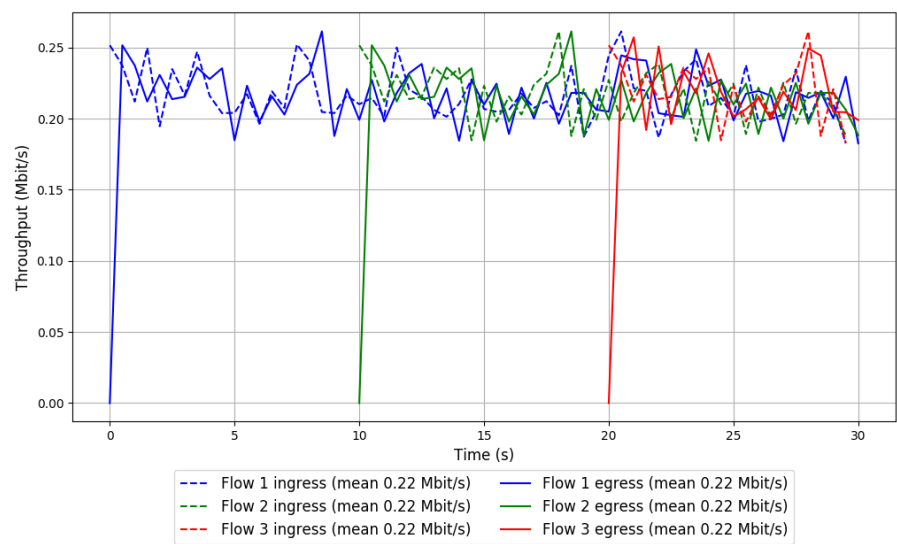


```
Run 1: Statistics of SReAM

Start at: 2018-07-17 16:49:15
End at: 2018-07-17 16:49:45
Local clock offset: -5.977 ms
Remote clock offset: -0.467 ms

# Below is generated by plot.py at 2018-07-17 20:10:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.326 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.339 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.315 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.307 ms
Loss rate: 0.00%
```


Run 1: Report of SReAM — Data Link



Run 2: Statistics of SReAM

Start at: 2018-07-17 17:08:28

End at: 2018-07-17 17:08:58

Local clock offset: -5.967 ms

Remote clock offset: 1.301 ms

Below is generated by plot.py at 2018-07-17 20:10:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 2.385 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.392 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.386 ms

Loss rate: 0.00%

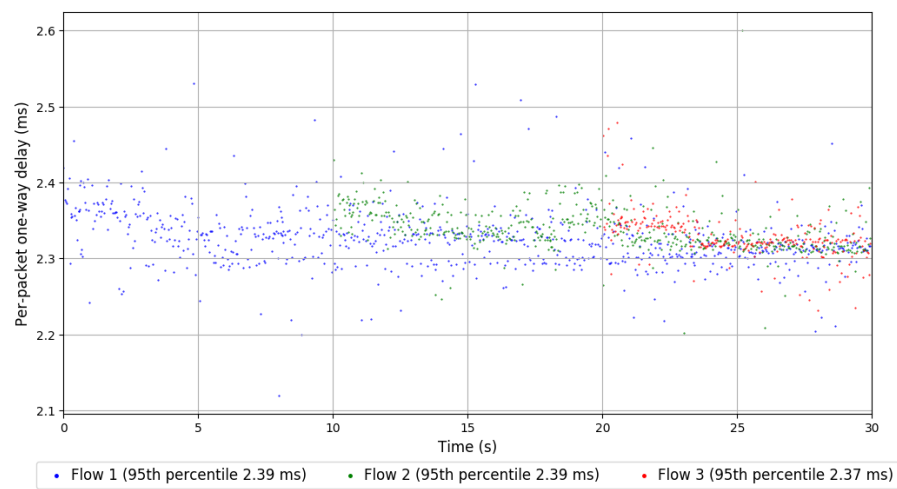
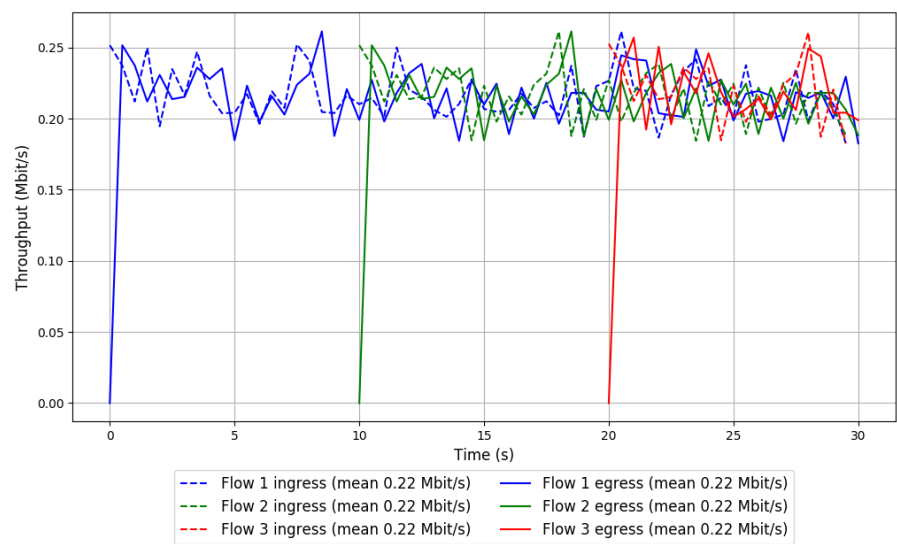
-- Flow 3:

Average throughput: 0.22 Mbit/s

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

Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

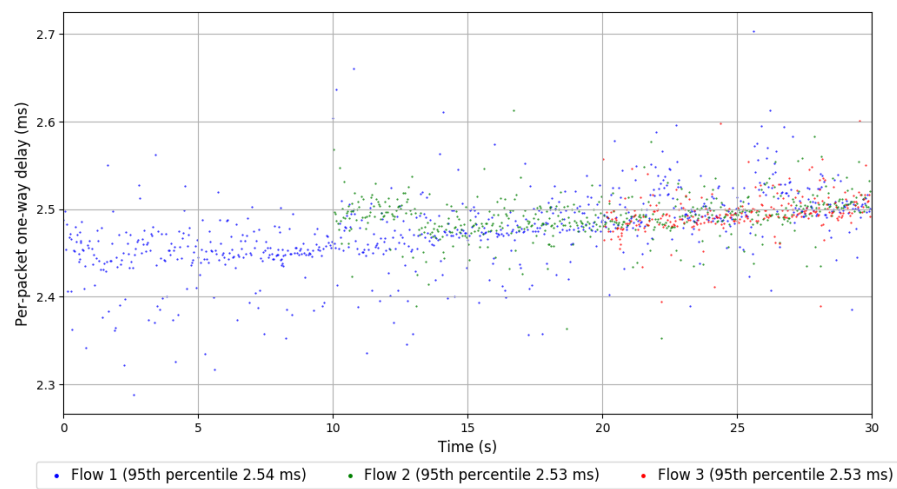
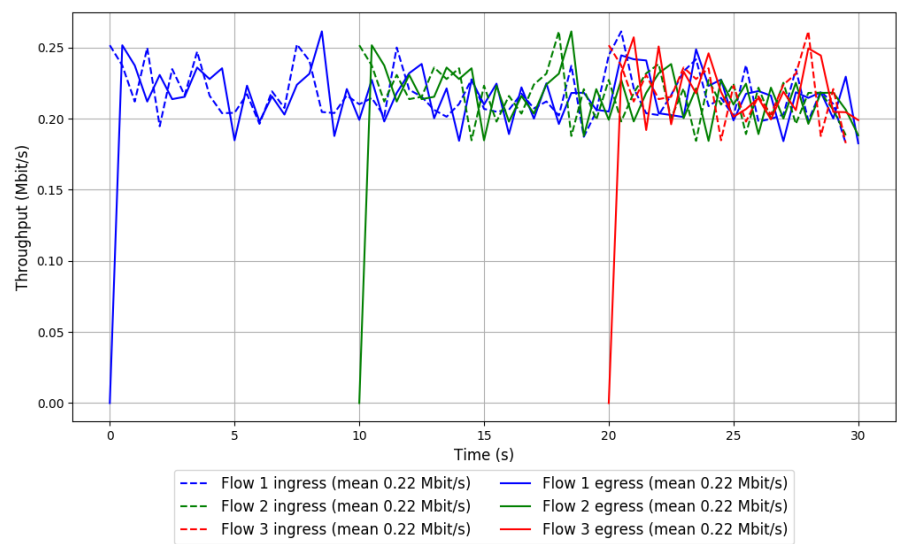


Run 3: Statistics of SReAM

Start at: 2018-07-17 17:27:39
End at: 2018-07-17 17:28:10
Local clock offset: -5.873 ms
Remote clock offset: -2.229 ms

Below is generated by plot.py at 2018-07-17 20:10:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.533 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.538 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.527 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.533 ms
Loss rate: 0.00%

Run 3: Report of SReAM — Data Link

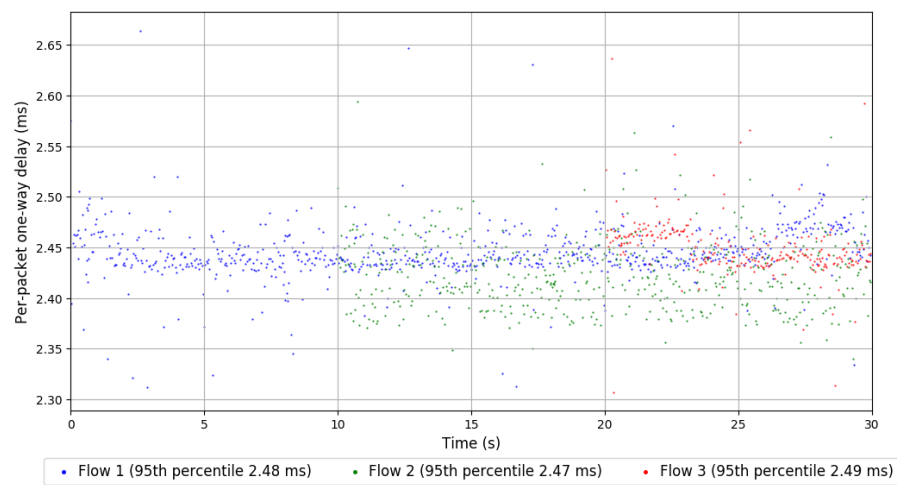
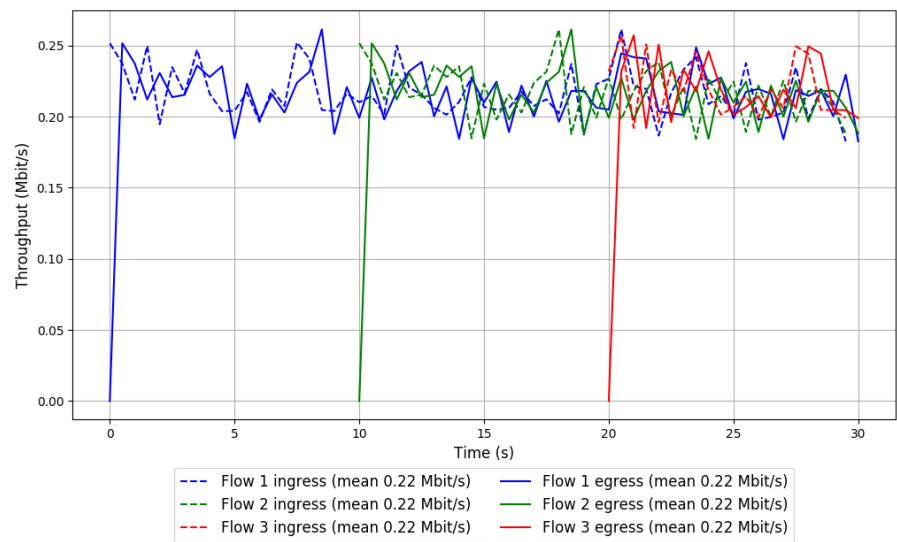


Run 4: Statistics of SReAM

Start at: 2018-07-17 17:46:51
End at: 2018-07-17 17:47:21
Local clock offset: -5.877 ms
Remote clock offset: -3.384 ms

Below is generated by plot.py at 2018-07-17 20:10:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.484 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.485 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.473 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.489 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

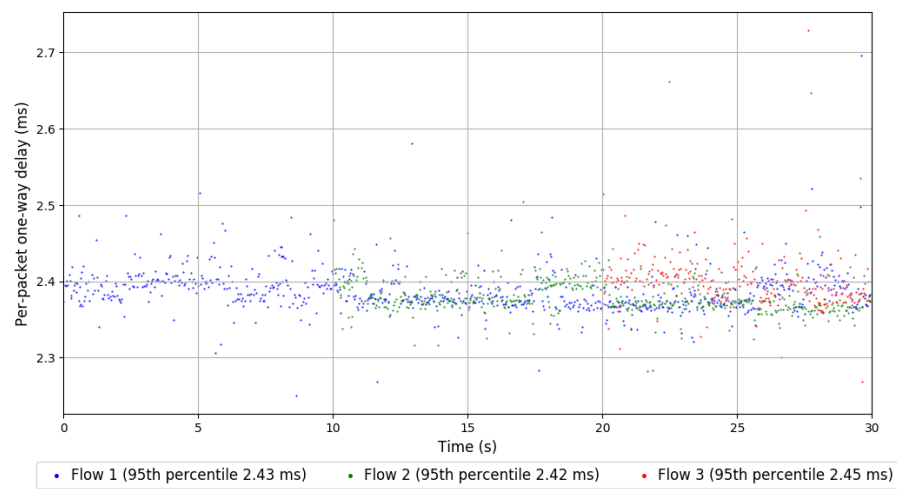
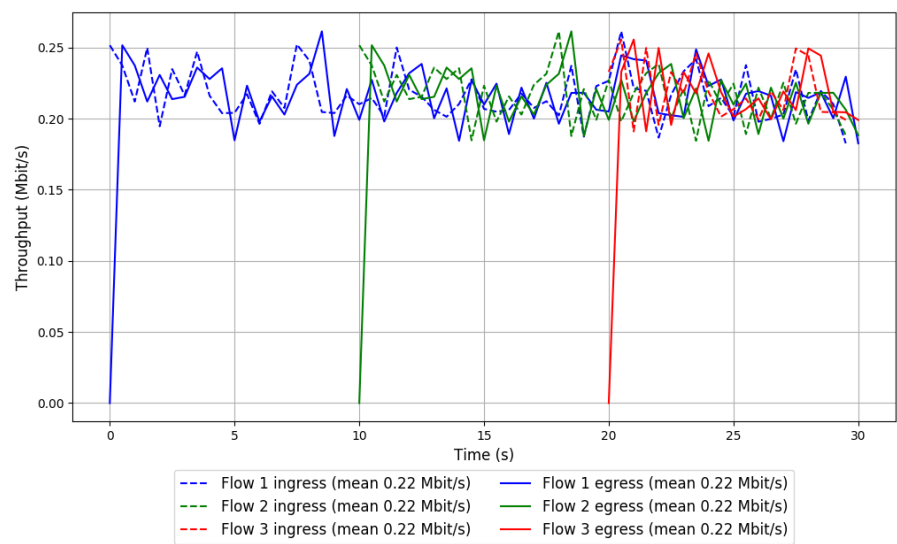


Run 5: Statistics of SReAM

Start at: 2018-07-17 18:06:03
End at: 2018-07-17 18:06:33
Local clock offset: -5.573 ms
Remote clock offset: -2.277 ms

Below is generated by plot.py at 2018-07-17 20:10:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.433 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.434 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.417 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.449 ms
Loss rate: 0.00%

Run 5: Report of SReAM — Data Link

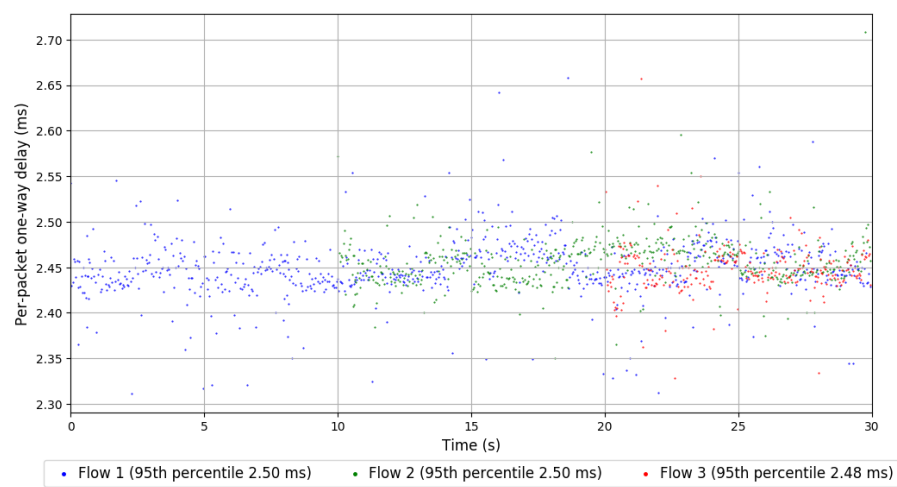
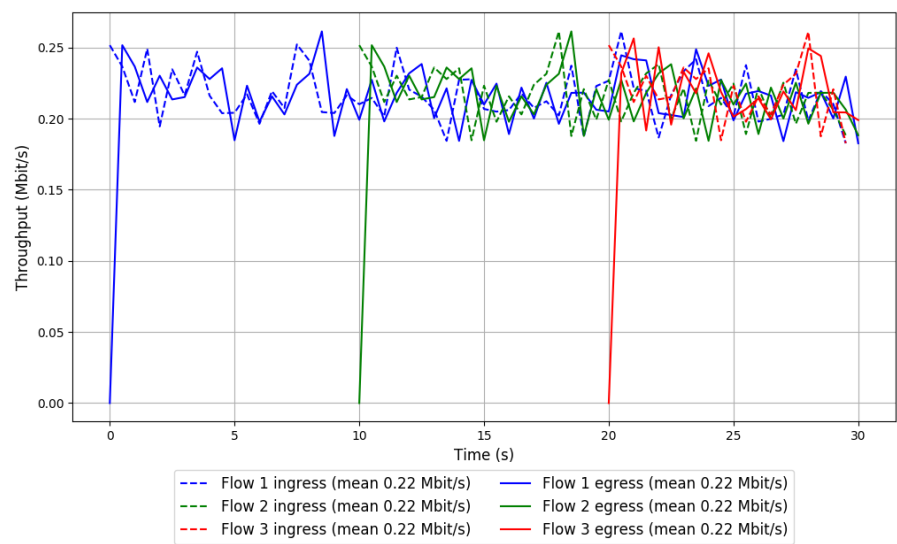


Run 6: Statistics of SReAM

Start at: 2018-07-17 18:25:15
End at: 2018-07-17 18:25:45
Local clock offset: -5.328 ms
Remote clock offset: -1.937 ms

Below is generated by plot.py at 2018-07-17 20:10:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 2.495 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.497 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.495 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.480 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

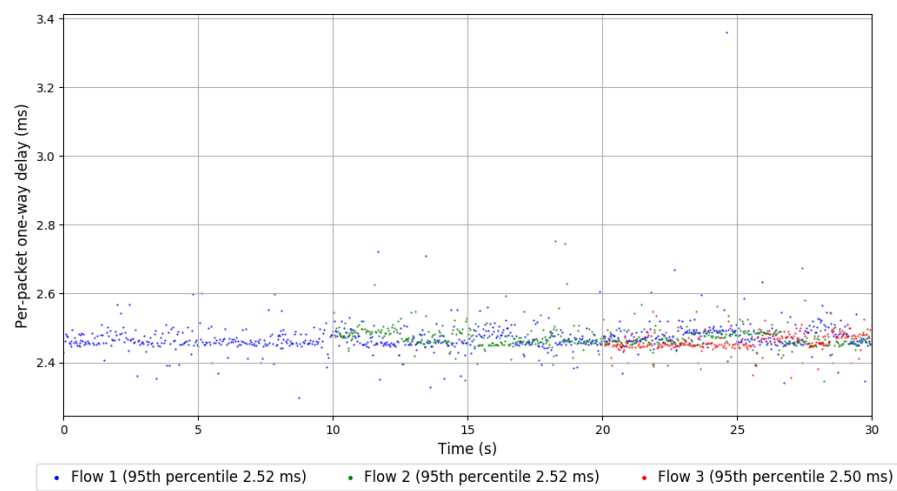
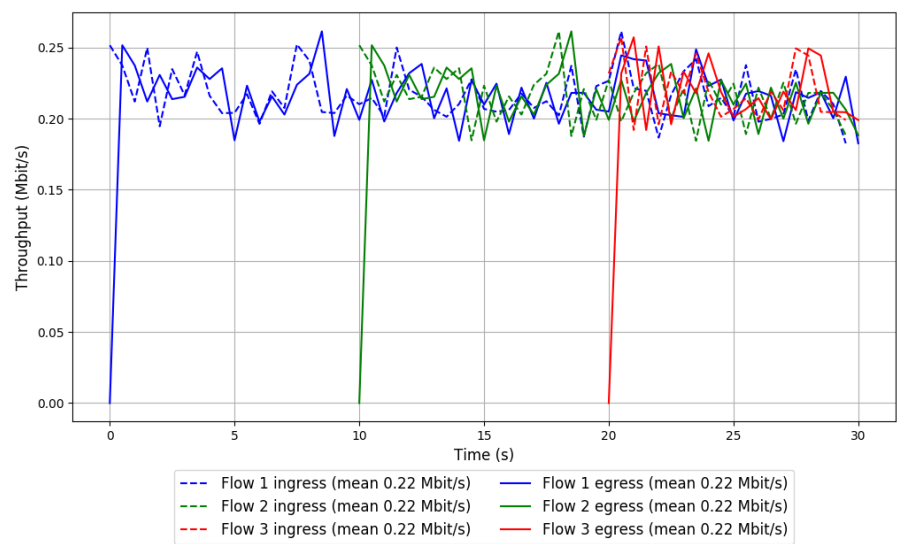


Run 7: Statistics of SReAM

Start at: 2018-07-17 18:44:27
End at: 2018-07-17 18:44:57
Local clock offset: -5.186 ms
Remote clock offset: -1.986 ms

Below is generated by plot.py at 2018-07-17 20:10:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.520 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.521 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.521 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.501 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SReAM

Start at: 2018-07-17 19:03:39

End at: 2018-07-17 19:04:09

Local clock offset: -5.684 ms

Remote clock offset: 7.706 ms

Below is generated by plot.py at 2018-07-17 20:10:59

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 2.408 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.428 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.280 ms

Loss rate: 0.00%

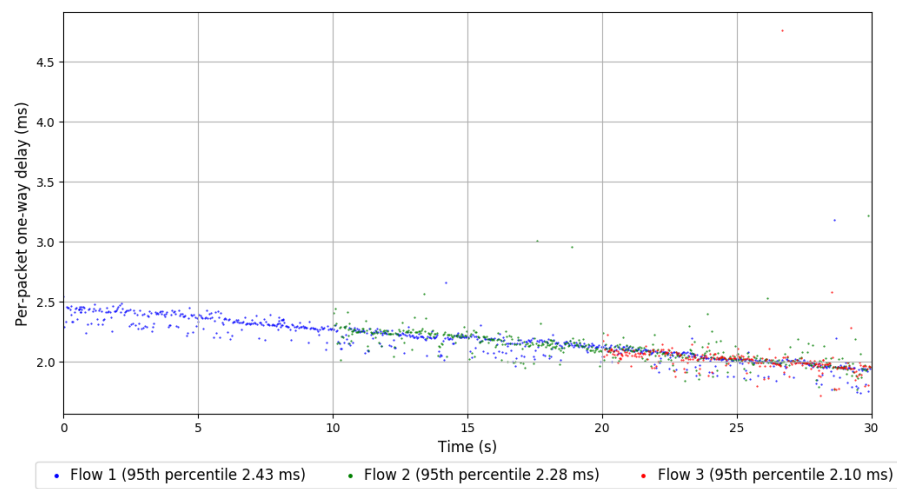
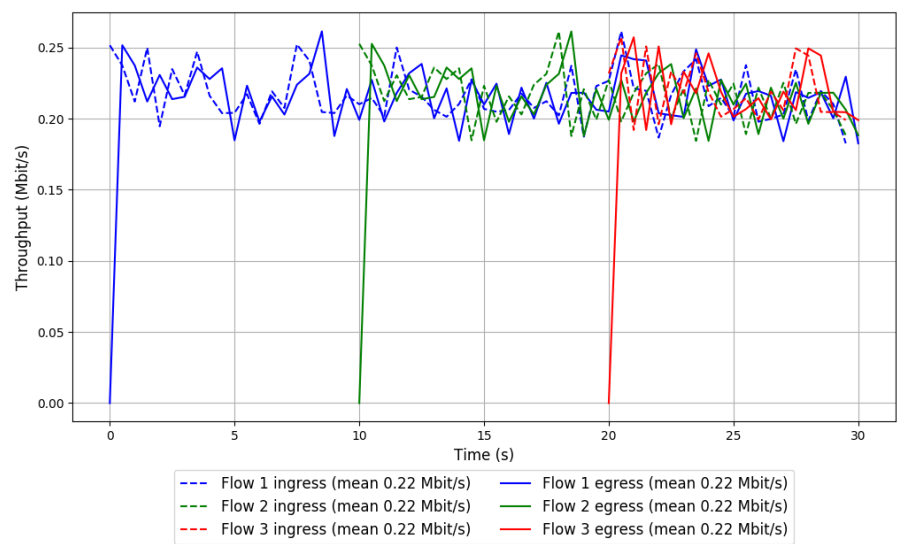
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 2.103 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

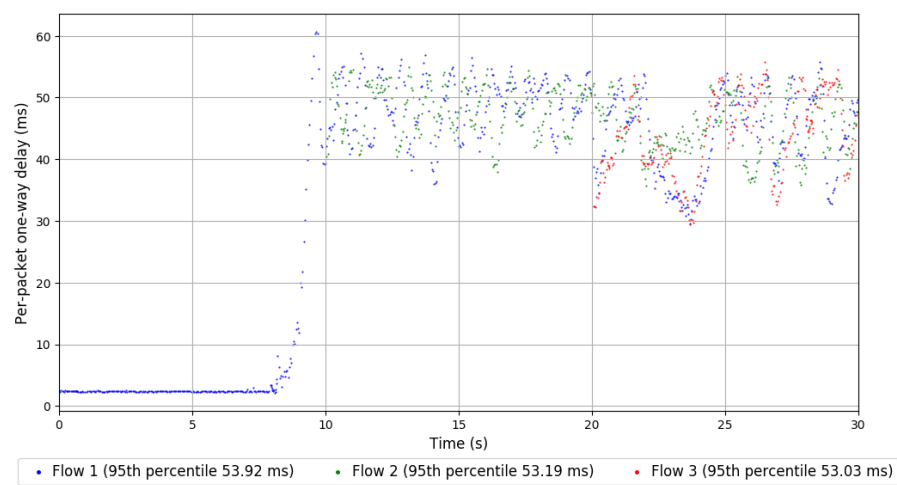
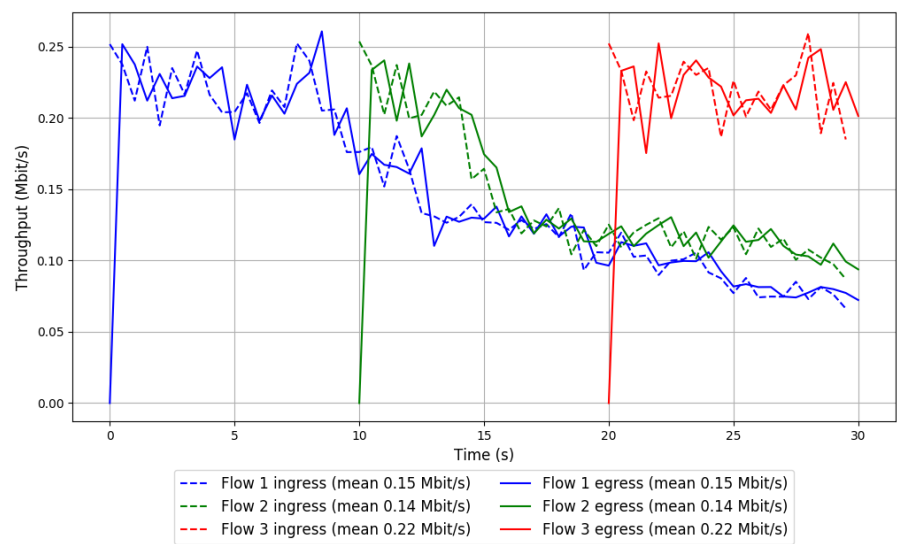


Run 9: Statistics of SReAM

Start at: 2018-07-17 19:22:51
End at: 2018-07-17 19:23:21
Local clock offset: -6.075 ms
Remote clock offset: 17.934 ms

Below is generated by plot.py at 2018-07-17 20:10:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.31 Mbit/s
95th percentile per-packet one-way delay: 53.493 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 0.15 Mbit/s
95th percentile per-packet one-way delay: 53.919 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 0.14 Mbit/s
95th percentile per-packet one-way delay: 53.189 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 53.033 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

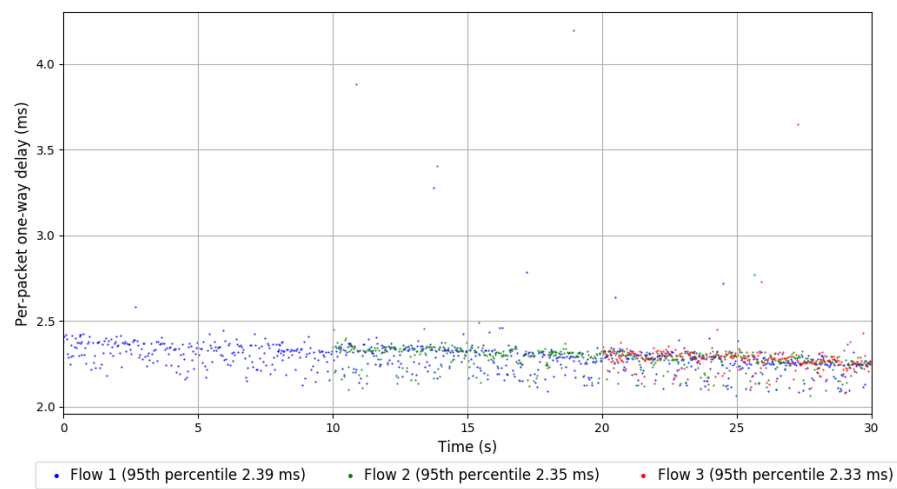
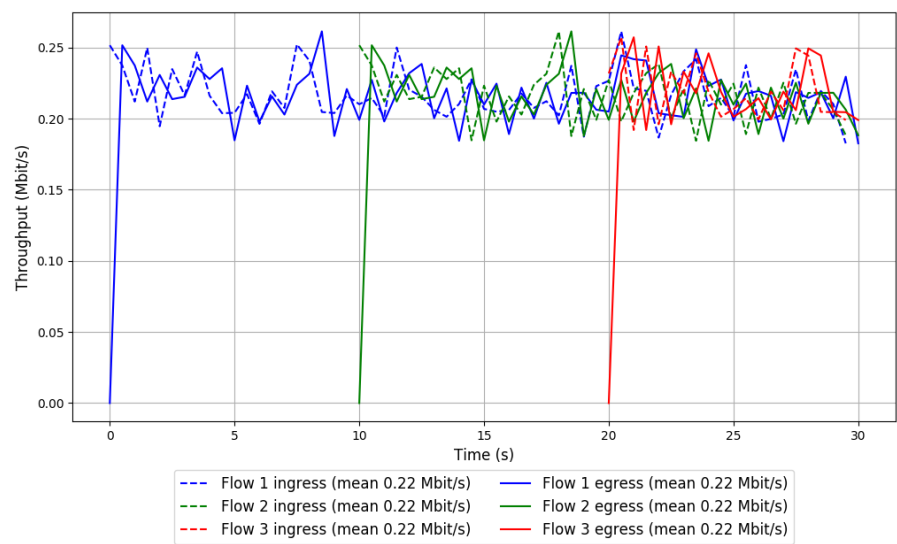


Run 10: Statistics of SReAM

Start at: 2018-07-17 19:42:12
End at: 2018-07-17 19:42:42
Local clock offset: -6.246 ms
Remote clock offset: 22.824 ms

Below is generated by plot.py at 2018-07-17 20:10:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 2.373 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.386 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.350 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 2.328 ms
Loss rate: 0.00%

Run 10: Report of SCReAM — Data Link

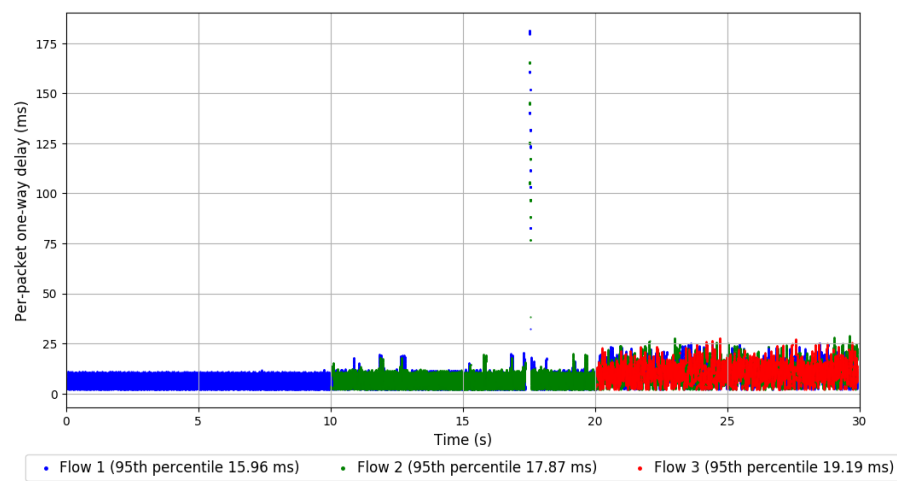
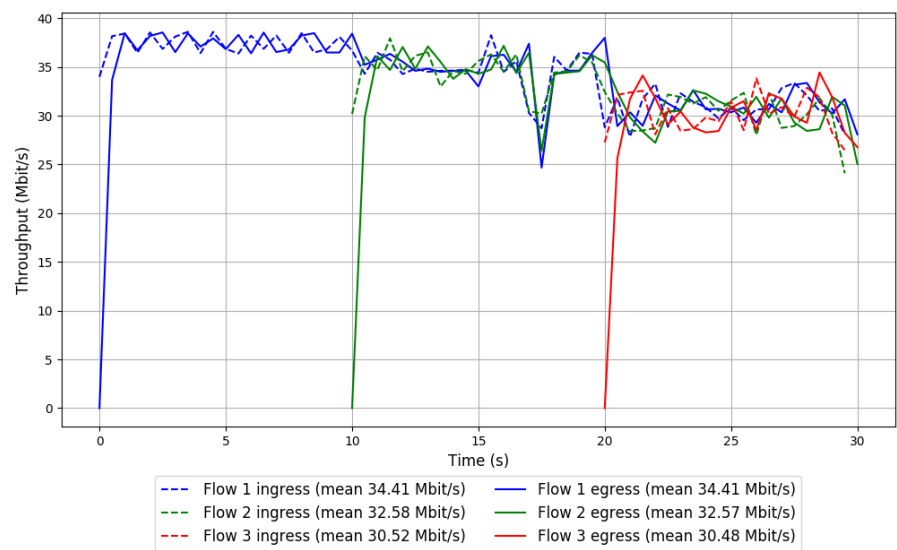


Run 1: Statistics of Sprout

Start at: 2018-07-17 16:37:52
End at: 2018-07-17 16:38:22
Local clock offset: -5.957 ms
Remote clock offset: -2.215 ms

Below is generated by plot.py at 2018-07-17 20:10:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.14 Mbit/s
95th percentile per-packet one-way delay: 17.275 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.41 Mbit/s
95th percentile per-packet one-way delay: 15.958 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.57 Mbit/s
95th percentile per-packet one-way delay: 17.871 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.48 Mbit/s
95th percentile per-packet one-way delay: 19.194 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

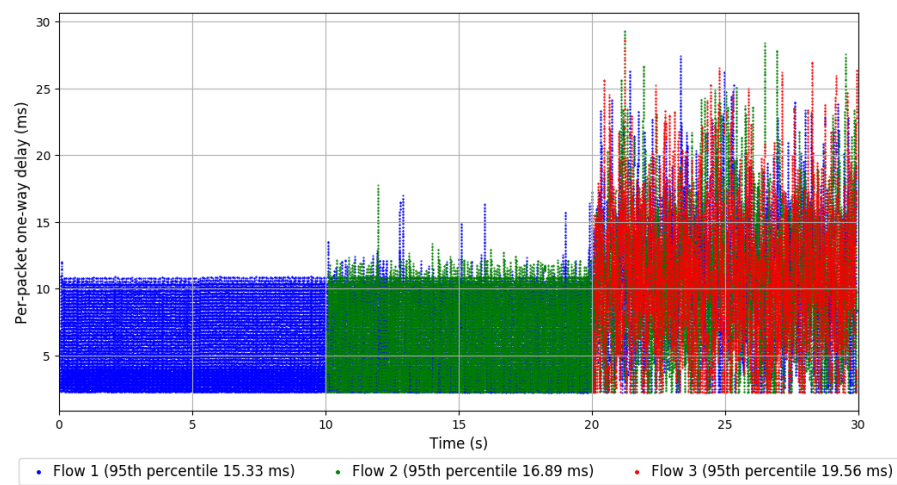
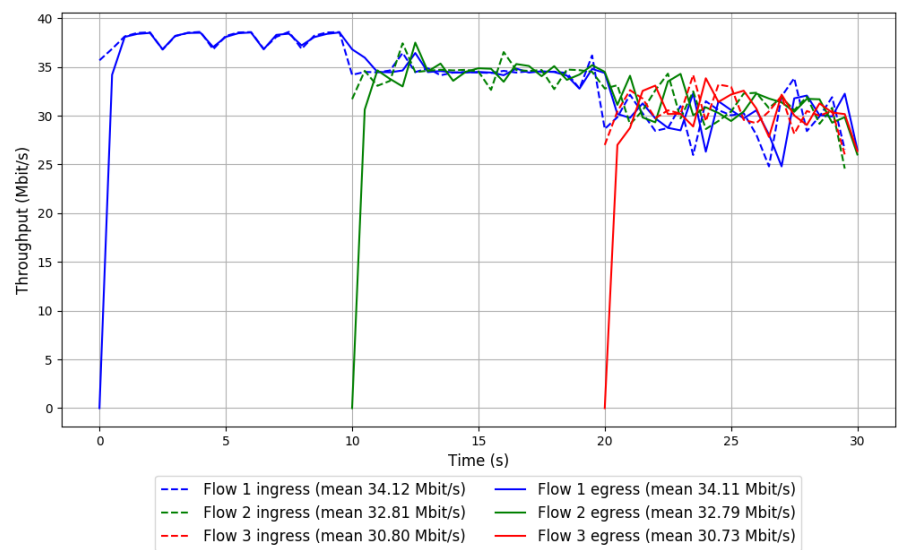


Run 2: Statistics of Sprout

Start at: 2018-07-17 16:57:04
End at: 2018-07-17 16:57:34
Local clock offset: -5.955 ms
Remote clock offset: 0.512 ms

```
# Below is generated by plot.py at 2018-07-17 20:10:59
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.08 Mbit/s
95th percentile per-packet one-way delay: 16.855 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.11 Mbit/s
95th percentile per-packet one-way delay: 15.333 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.79 Mbit/s
95th percentile per-packet one-way delay: 16.893 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.73 Mbit/s
95th percentile per-packet one-way delay: 19.562 ms
Loss rate: 0.00%
```

Run 2: Report of Sprout — Data Link

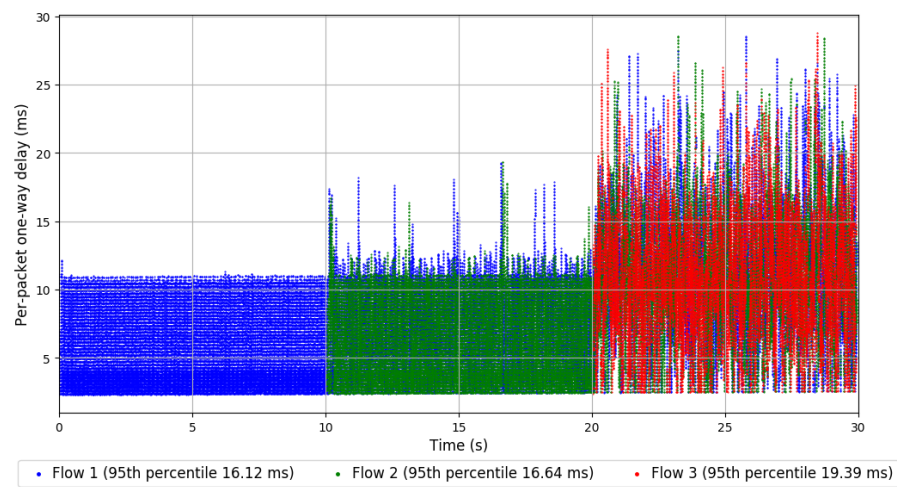
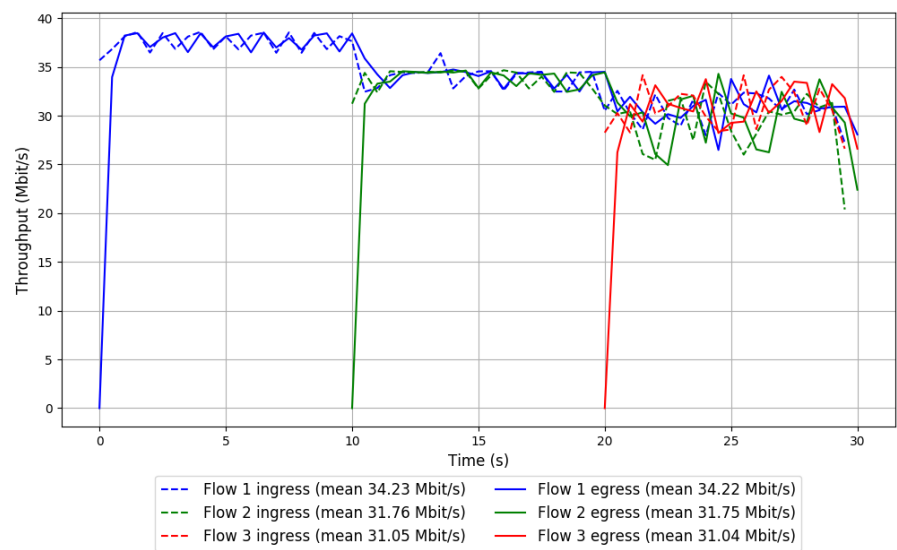


Run 3: Statistics of Sprout

Start at: 2018-07-17 17:16:16
End at: 2018-07-17 17:16:46
Local clock offset: -5.886 ms
Remote clock offset: 0.892 ms

```
# Below is generated by plot.py at 2018-07-17 20:11:10
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.61 Mbit/s
95th percentile per-packet one-way delay: 17.074 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.22 Mbit/s
95th percentile per-packet one-way delay: 16.121 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 31.75 Mbit/s
95th percentile per-packet one-way delay: 16.635 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.04 Mbit/s
95th percentile per-packet one-way delay: 19.393 ms
Loss rate: 0.00%
```


Run 3: Report of Sprout — Data Link

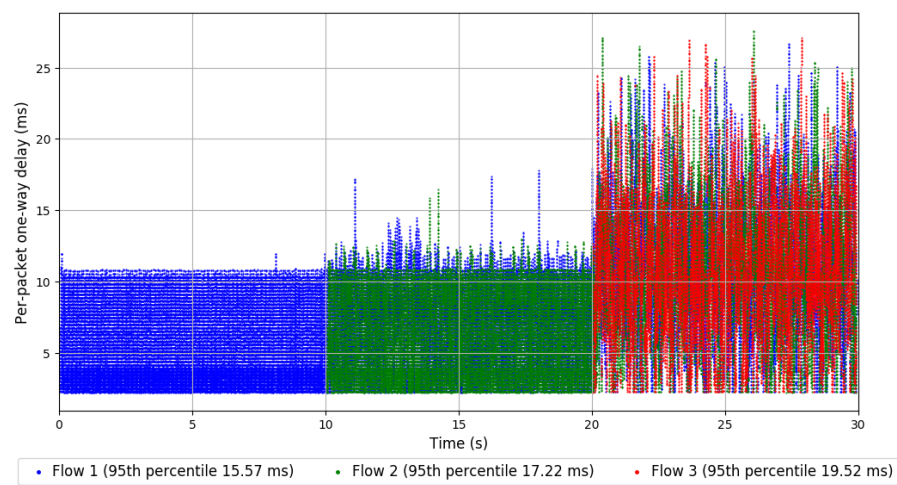
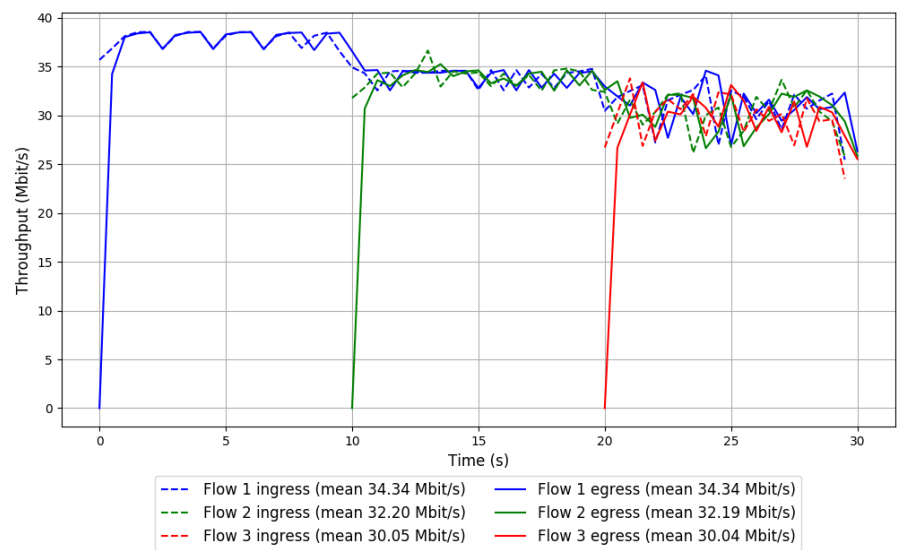


Run 4: Statistics of Sprout

Start at: 2018-07-17 17:35:28
End at: 2018-07-17 17:35:58
Local clock offset: -5.893 ms
Remote clock offset: -3.033 ms

```
# Below is generated by plot.py at 2018-07-17 20:11:19
# Datalink statistics
-- Total of 3 flows:
Average throughput: 65.67 Mbit/s
95th percentile per-packet one-way delay: 17.057 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.34 Mbit/s
95th percentile per-packet one-way delay: 15.573 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.19 Mbit/s
95th percentile per-packet one-way delay: 17.224 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.04 Mbit/s
95th percentile per-packet one-way delay: 19.520 ms
Loss rate: 0.00%
```

Run 4: Report of Sprout — Data Link

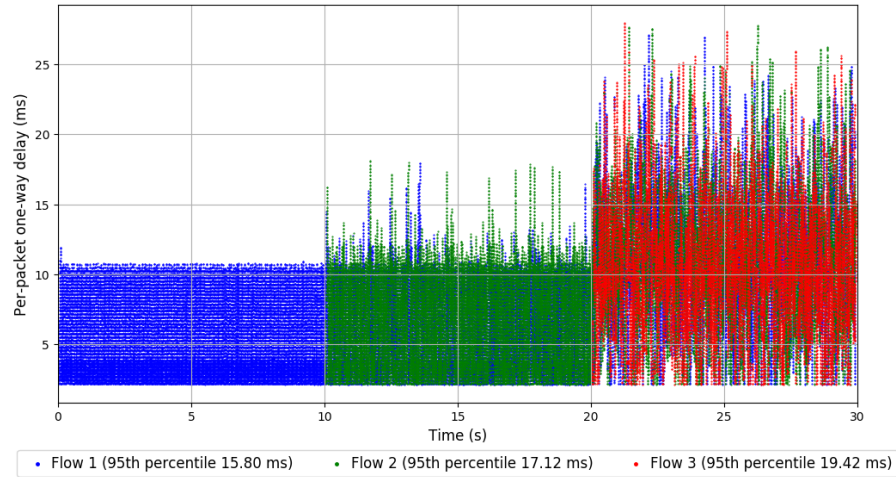
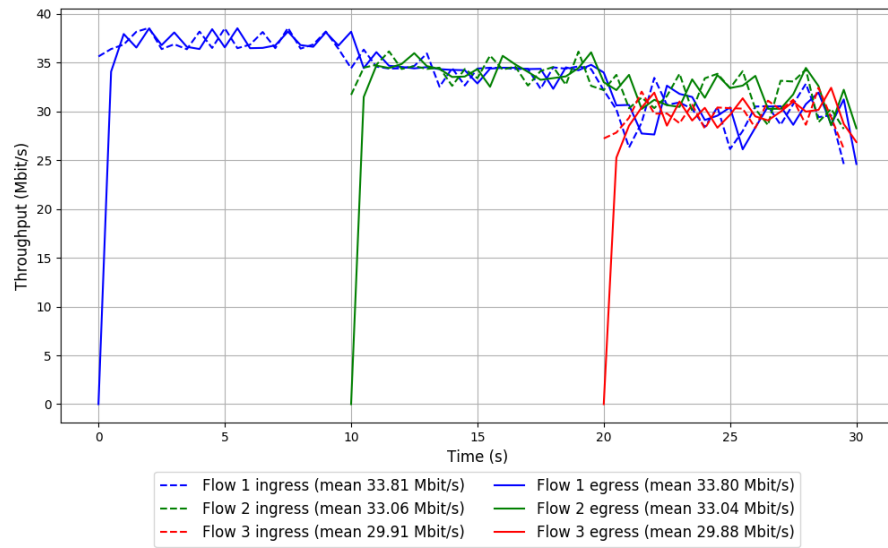


Run 5: Statistics of Sprout

Start at: 2018-07-17 17:54:40
End at: 2018-07-17 17:55:10
Local clock offset: -5.879 ms
Remote clock offset: -2.86 ms

Below is generated by plot.py at 2018-07-17 20:11:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.66 Mbit/s
95th percentile per-packet one-way delay: 17.089 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.80 Mbit/s
95th percentile per-packet one-way delay: 15.800 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.04 Mbit/s
95th percentile per-packet one-way delay: 17.117 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 29.88 Mbit/s
95th percentile per-packet one-way delay: 19.419 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

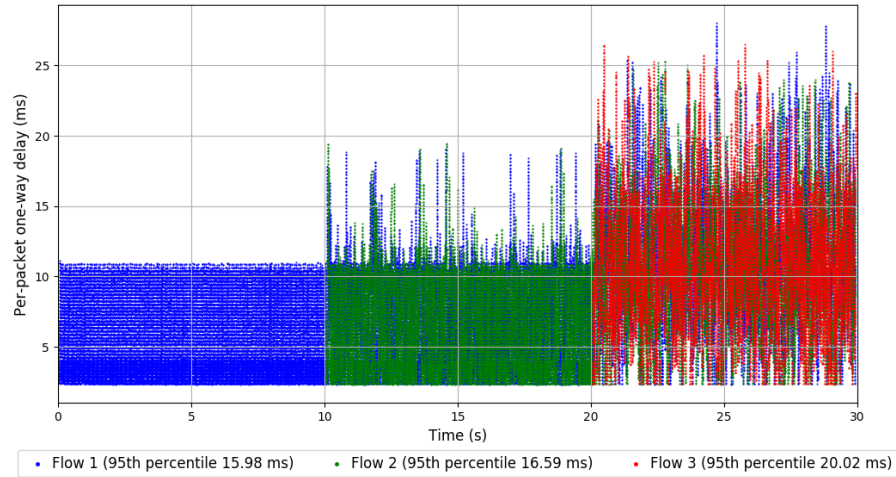
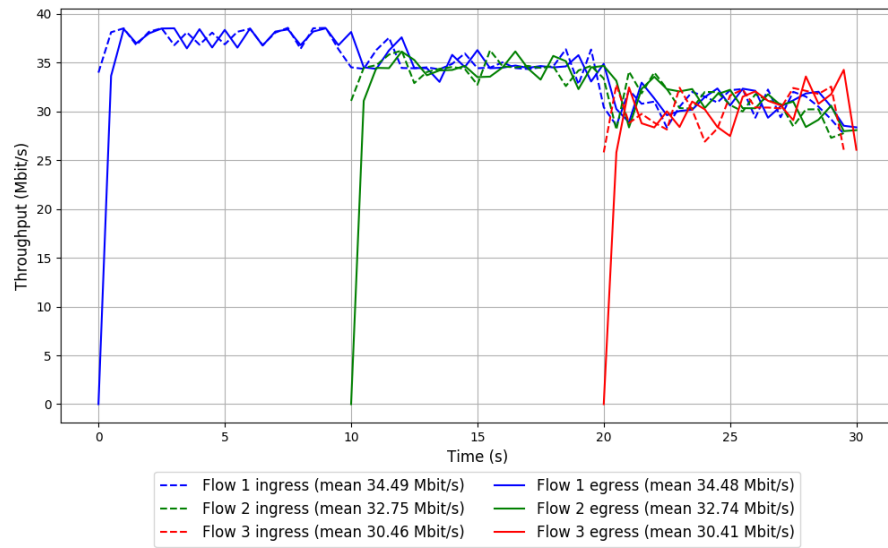


Run 6: Statistics of Sprout

Start at: 2018-07-17 18:13:52
End at: 2018-07-17 18:14:22
Local clock offset: -5.521 ms
Remote clock offset: -2.03 ms

```
# Below is generated by plot.py at 2018-07-17 20:11:25
# Datalink statistics
-- Total of 3 flows:
Average throughput: 66.28 Mbit/s
95th percentile per-packet one-way delay: 17.121 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.48 Mbit/s
95th percentile per-packet one-way delay: 15.983 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.74 Mbit/s
95th percentile per-packet one-way delay: 16.595 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.41 Mbit/s
95th percentile per-packet one-way delay: 20.020 ms
Loss rate: 0.00%
```

Run 6: Report of Sprout — Data Link

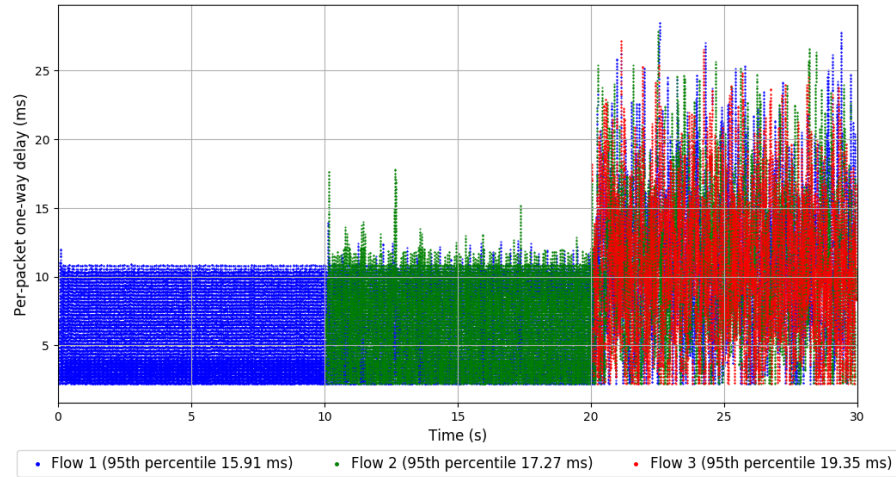
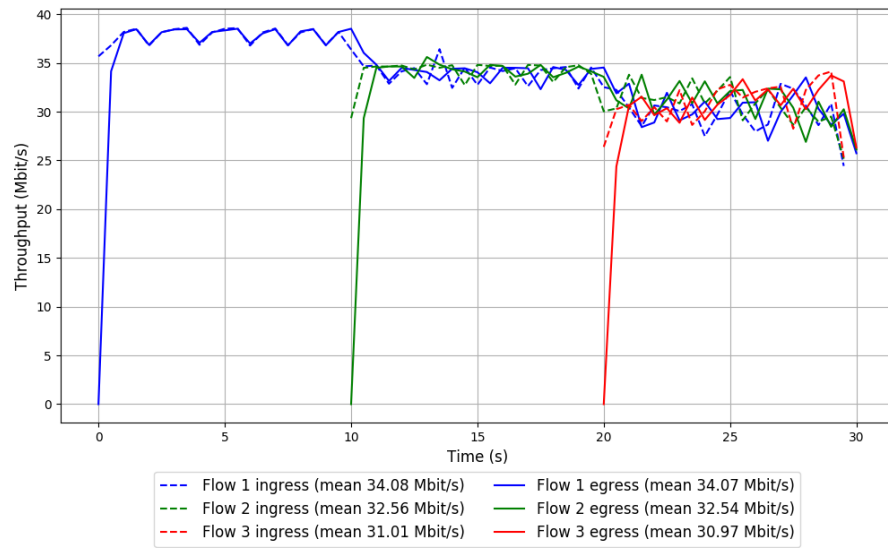


Run 7: Statistics of Sprout

Start at: 2018-07-17 18:33:04
End at: 2018-07-17 18:33:34
Local clock offset: -5.263 ms
Remote clock offset: -2.094 ms

Below is generated by plot.py at 2018-07-17 20:11:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.95 Mbit/s
95th percentile per-packet one-way delay: 17.314 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.07 Mbit/s
95th percentile per-packet one-way delay: 15.909 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.54 Mbit/s
95th percentile per-packet one-way delay: 17.268 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.97 Mbit/s
95th percentile per-packet one-way delay: 19.347 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

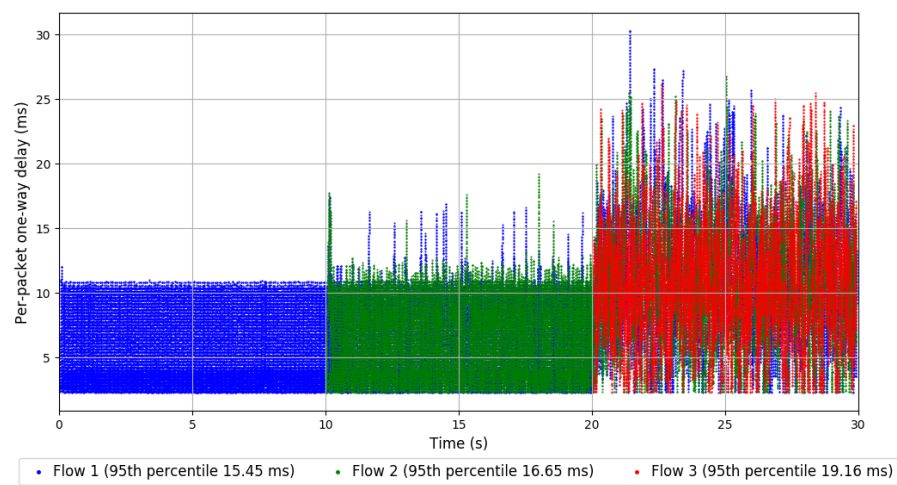
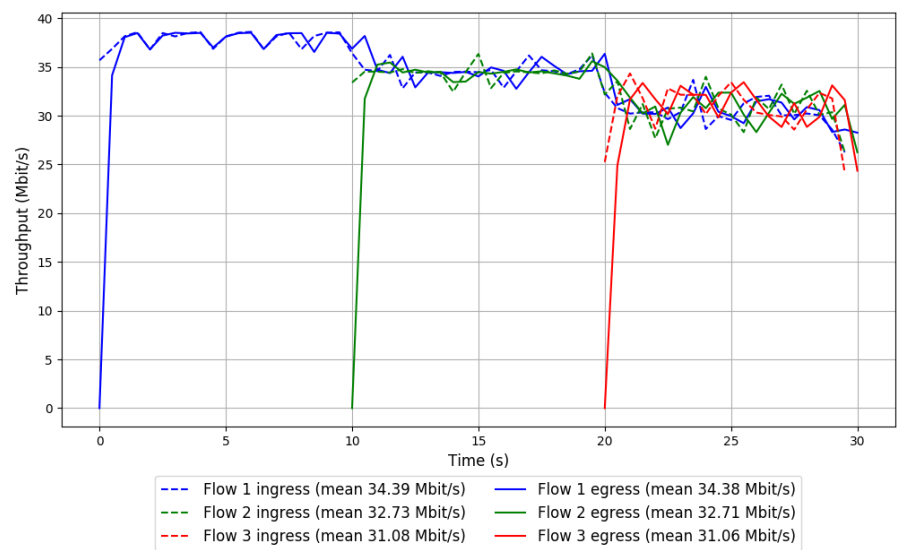


Run 8: Statistics of Sprout

Start at: 2018-07-17 18:52:16
End at: 2018-07-17 18:52:46
Local clock offset: -5.191 ms
Remote clock offset: -2.028 ms

Below is generated by plot.py at 2018-07-17 20:11:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.40 Mbit/s
95th percentile per-packet one-way delay: 16.733 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 34.38 Mbit/s
95th percentile per-packet one-way delay: 15.453 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.71 Mbit/s
95th percentile per-packet one-way delay: 16.652 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 31.06 Mbit/s
95th percentile per-packet one-way delay: 19.160 ms
Loss rate: 0.00%

Run 8: Report of Sprout — Data Link

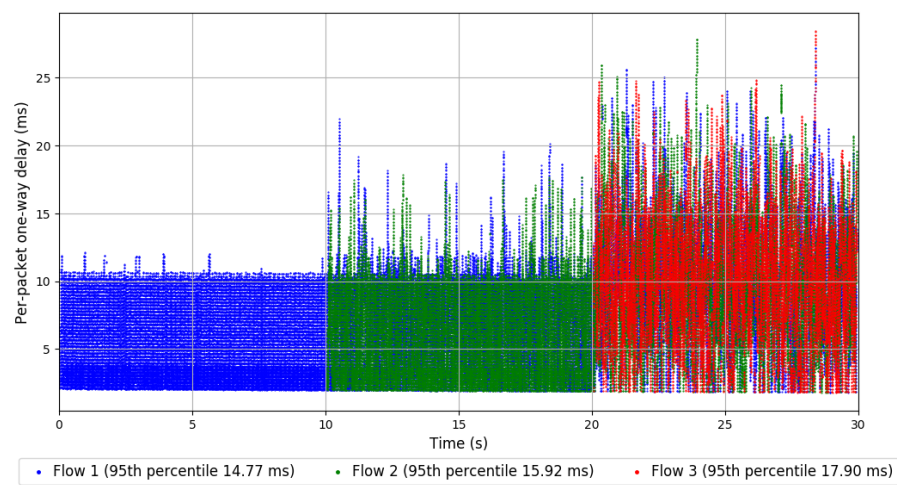
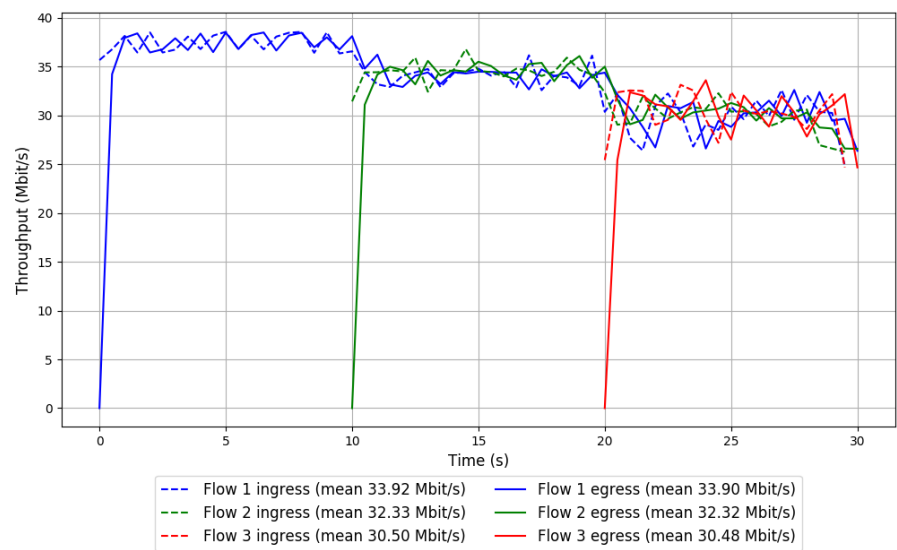


Run 9: Statistics of Sprout

Start at: 2018-07-17 19:11:27
End at: 2018-07-17 19:11:57
Local clock offset: -5.834 ms
Remote clock offset: 13.287 ms

Below is generated by plot.py at 2018-07-17 20:11:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.49 Mbit/s
95th percentile per-packet one-way delay: 15.940 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 33.90 Mbit/s
95th percentile per-packet one-way delay: 14.765 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 32.32 Mbit/s
95th percentile per-packet one-way delay: 15.919 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 30.48 Mbit/s
95th percentile per-packet one-way delay: 17.896 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

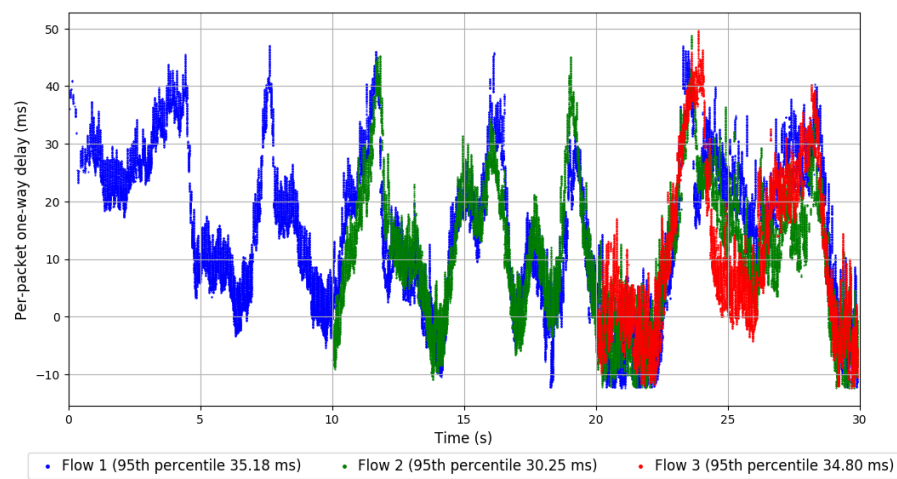
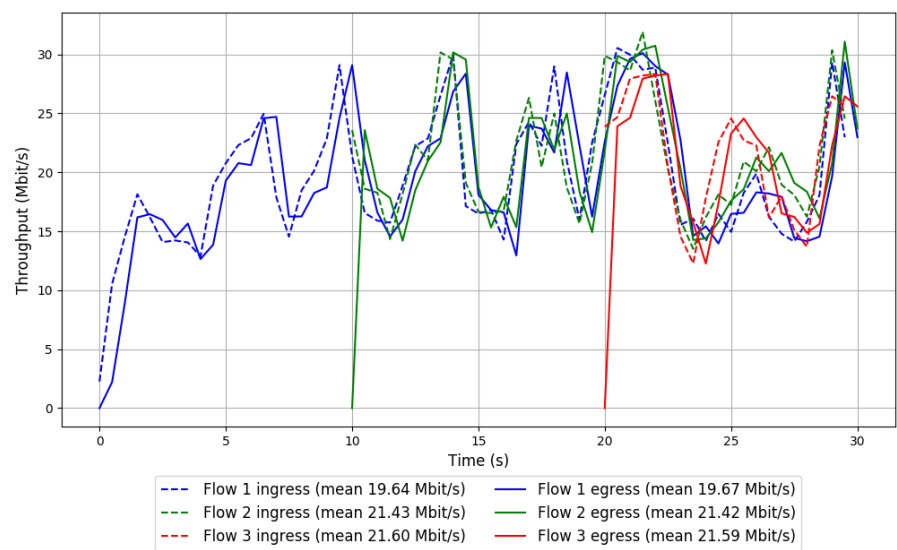


Run 10: Statistics of Sprout

Start at: 2018-07-17 19:30:49
End at: 2018-07-17 19:31:19
Local clock offset: 8.4 ms
Remote clock offset: 20.204 ms

Below is generated by plot.py at 2018-07-17 20:11:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 41.08 Mbit/s
95th percentile per-packet one-way delay: 33.917 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 19.67 Mbit/s
95th percentile per-packet one-way delay: 35.184 ms
Loss rate: 0.05%
-- Flow 2:
Average throughput: 21.42 Mbit/s
95th percentile per-packet one-way delay: 30.252 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 21.59 Mbit/s
95th percentile per-packet one-way delay: 34.796 ms
Loss rate: 0.04%

Run 10: Report of Sprout — Data Link

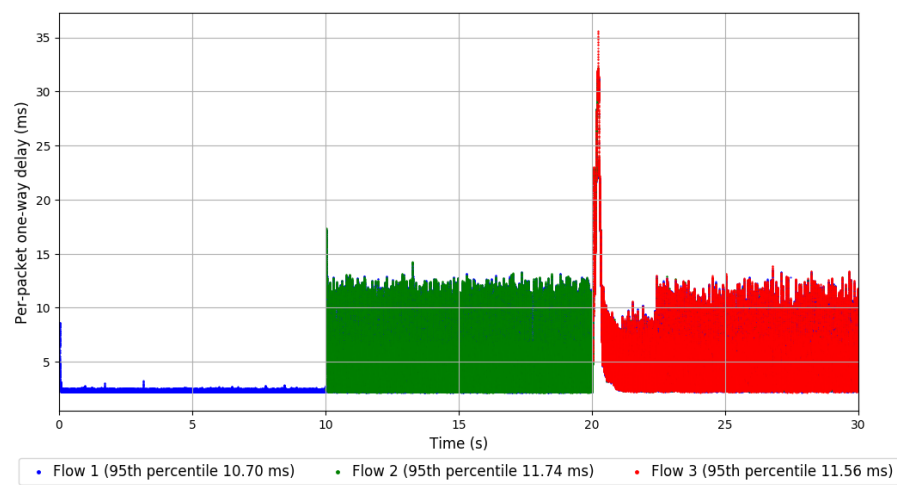
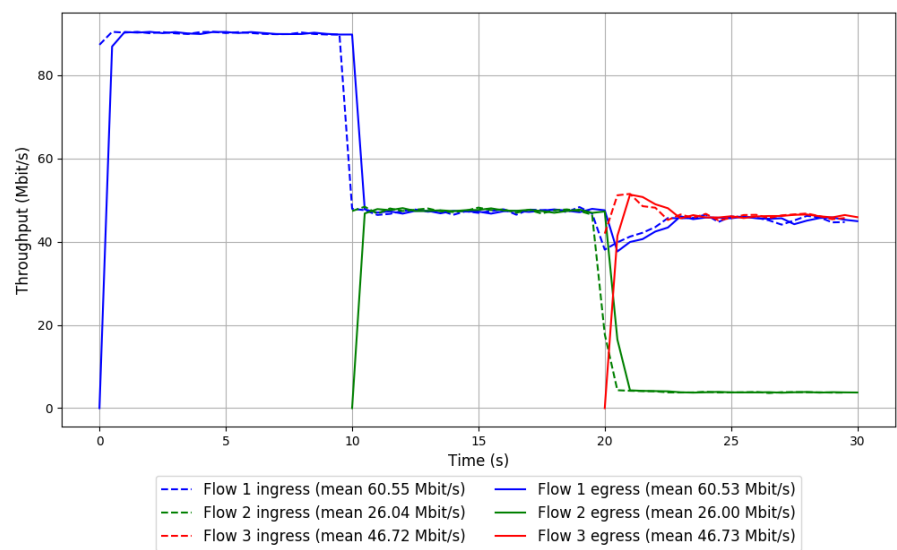


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-07-17 16:54:44
End at: 2018-07-17 16:55:14
Local clock offset: -5.974 ms
Remote clock offset: 0.225 ms

# Below is generated by plot.py at 2018-07-17 20:13:21
# Datalink statistics
-- Total of 3 flows:
Average throughput: 93.38 Mbit/s
95th percentile per-packet one-way delay: 11.186 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 60.53 Mbit/s
95th percentile per-packet one-way delay: 10.702 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 26.00 Mbit/s
95th percentile per-packet one-way delay: 11.744 ms
Loss rate: 0.14%
-- Flow 3:
Average throughput: 46.73 Mbit/s
95th percentile per-packet one-way delay: 11.565 ms
Loss rate: 0.02%
```


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



Run 2: Statistics of TaoVA-100x

Start at: 2018-07-17 17:13:57

End at: 2018-07-17 17:14:27

Local clock offset: -5.884 ms

Remote clock offset: 1.835 ms

Below is generated by plot.py at 2018-07-17 20:13:27

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.43 Mbit/s

95th percentile per-packet one-way delay: 11.282 ms

Loss rate: 0.04%

-- Flow 1:

Average throughput: 47.39 Mbit/s

95th percentile per-packet one-way delay: 10.558 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 45.60 Mbit/s

95th percentile per-packet one-way delay: 11.681 ms

Loss rate: 0.02%

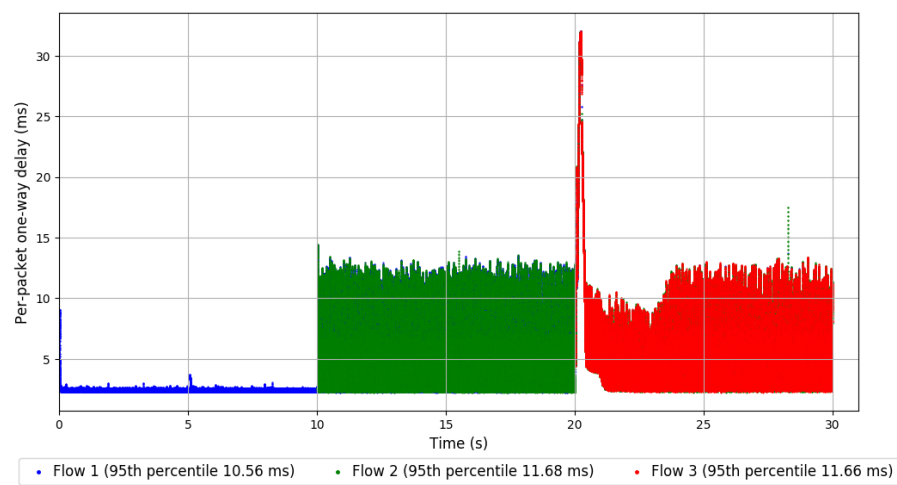
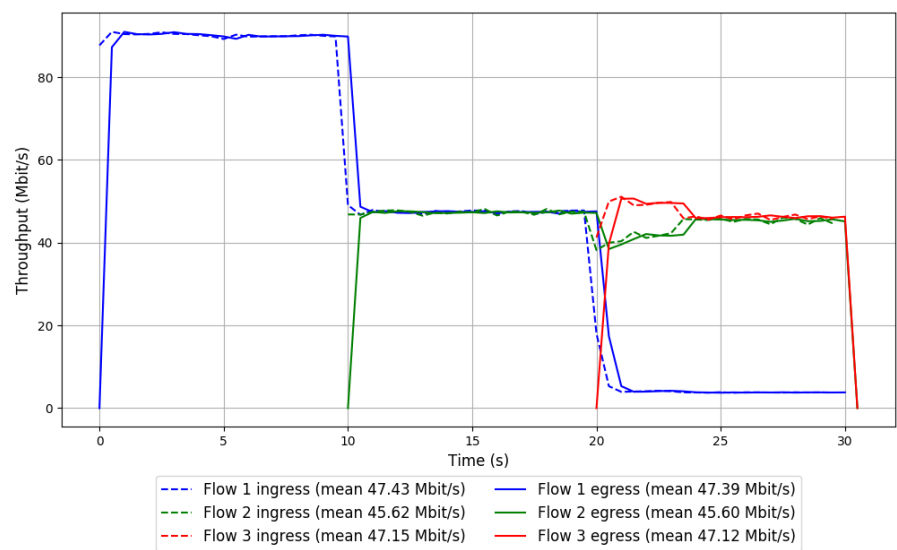
-- Flow 3:

Average throughput: 47.12 Mbit/s

95th percentile per-packet one-way delay: 11.656 ms

Loss rate: 0.03%

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

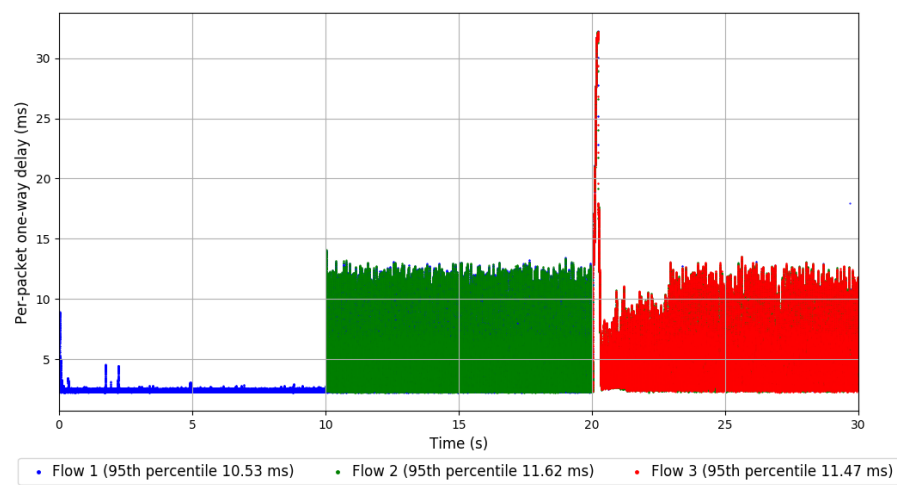
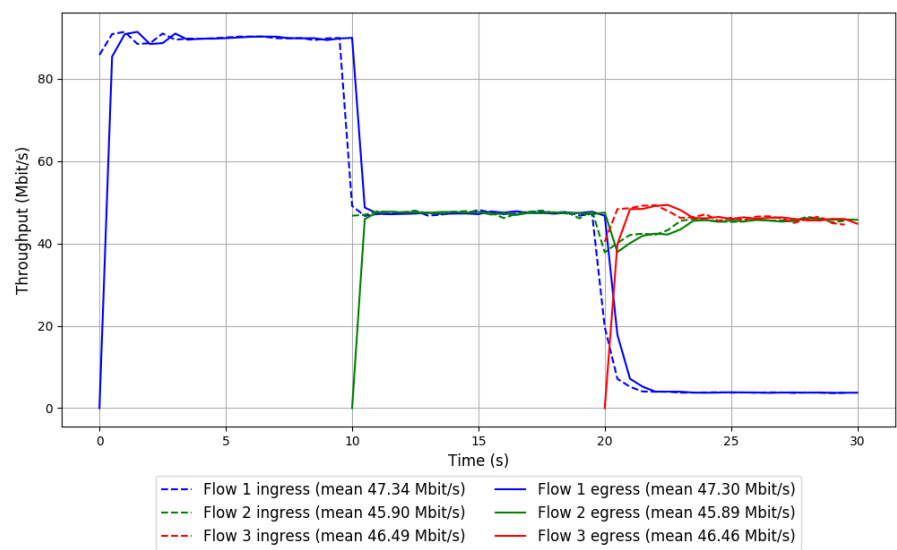


Run 3: Statistics of TaoVA-100x

Start at: 2018-07-17 17:33:09
End at: 2018-07-17 17:33:39
Local clock offset: -5.897 ms
Remote clock offset: -2.849 ms

Below is generated by plot.py at 2018-07-17 20:13:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.31 Mbit/s
95th percentile per-packet one-way delay: 11.222 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 47.30 Mbit/s
95th percentile per-packet one-way delay: 10.526 ms
Loss rate: 0.09%
-- Flow 2:
Average throughput: 45.89 Mbit/s
95th percentile per-packet one-way delay: 11.616 ms
Loss rate: 0.02%
-- Flow 3:
Average throughput: 46.46 Mbit/s
95th percentile per-packet one-way delay: 11.470 ms
Loss rate: 0.04%

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

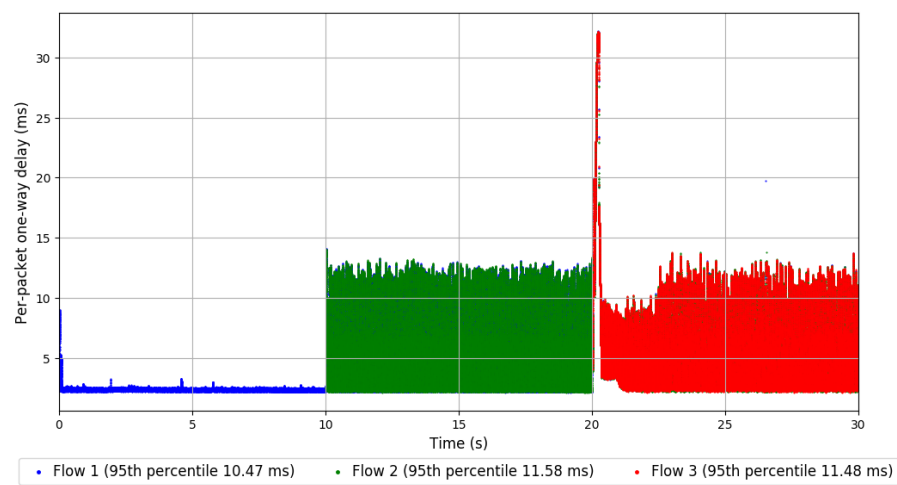
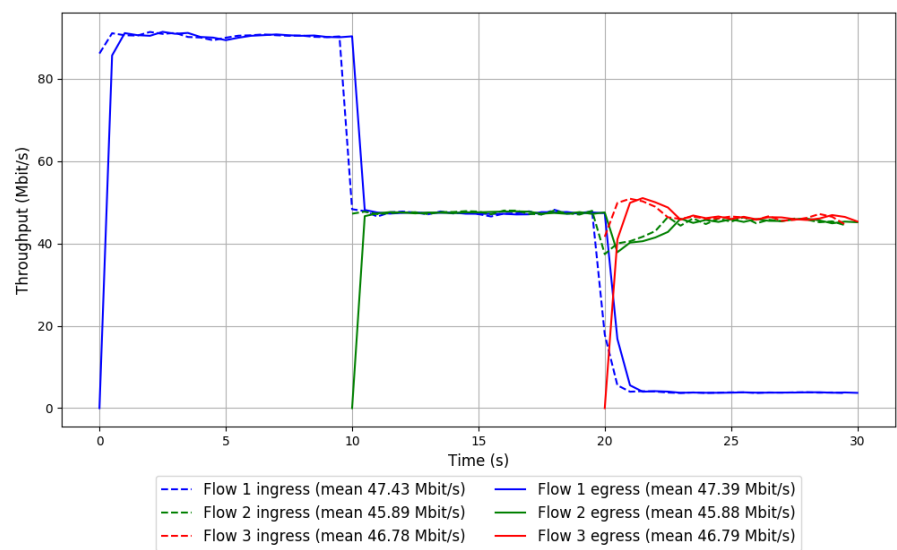


Run 4: Statistics of TaoVA-100x

Start at: 2018-07-17 17:52:21
End at: 2018-07-17 17:52:51
Local clock offset: -5.905 ms
Remote clock offset: -3.087 ms

Below is generated by plot.py at 2018-07-17 20:13:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.50 Mbit/s
95th percentile per-packet one-way delay: 11.187 ms
Loss rate: 0.05%
-- Flow 1:
Average throughput: 47.39 Mbit/s
95th percentile per-packet one-way delay: 10.467 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 45.88 Mbit/s
95th percentile per-packet one-way delay: 11.581 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 46.79 Mbit/s
95th percentile per-packet one-way delay: 11.484 ms
Loss rate: 0.03%

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

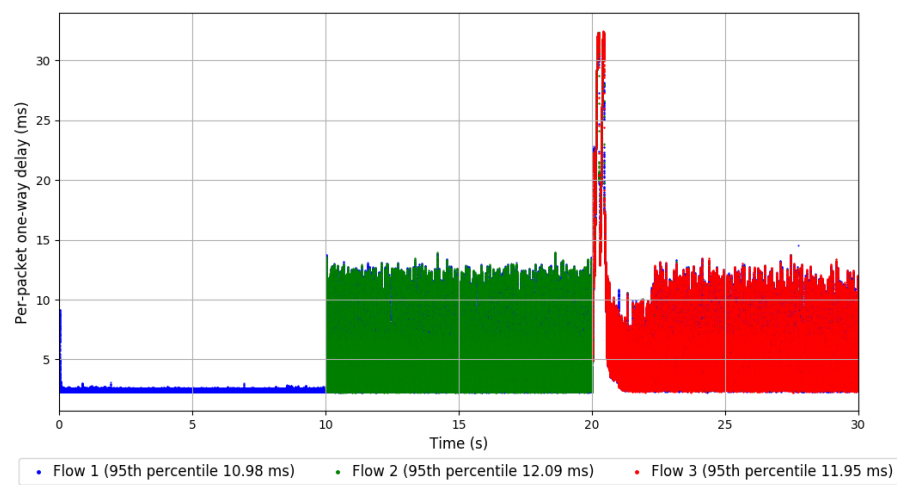
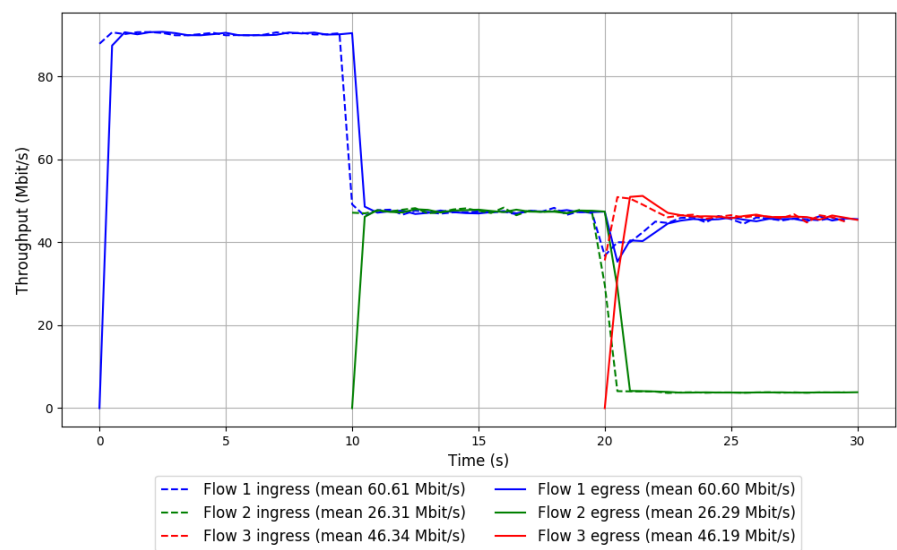


Run 5: Statistics of TaoVA-100x

Start at: 2018-07-17 18:11:33
End at: 2018-07-17 18:12:03
Local clock offset: -5.54 ms
Remote clock offset: -2.156 ms

Below is generated by plot.py at 2018-07-17 20:13:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.47 Mbit/s
95th percentile per-packet one-way delay: 11.481 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 60.60 Mbit/s
95th percentile per-packet one-way delay: 10.977 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 26.29 Mbit/s
95th percentile per-packet one-way delay: 12.090 ms
Loss rate: 0.07%
-- Flow 3:
Average throughput: 46.19 Mbit/s
95th percentile per-packet one-way delay: 11.952 ms
Loss rate: 0.35%

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

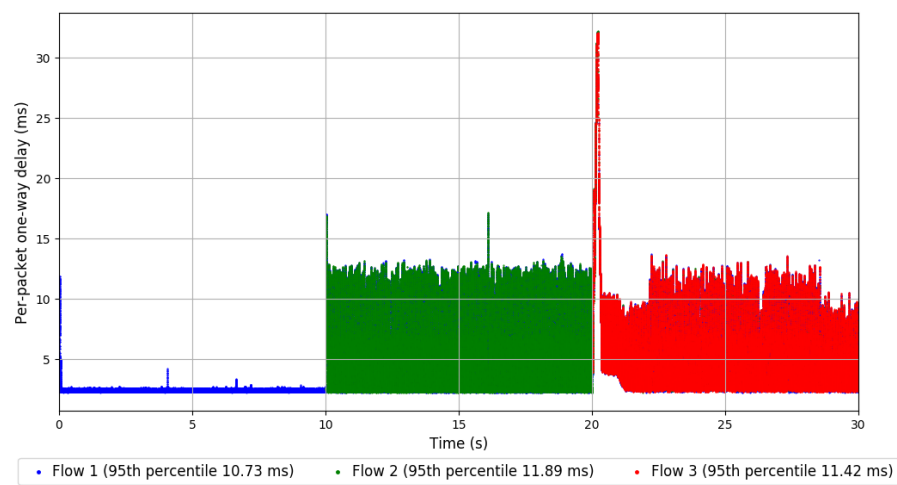
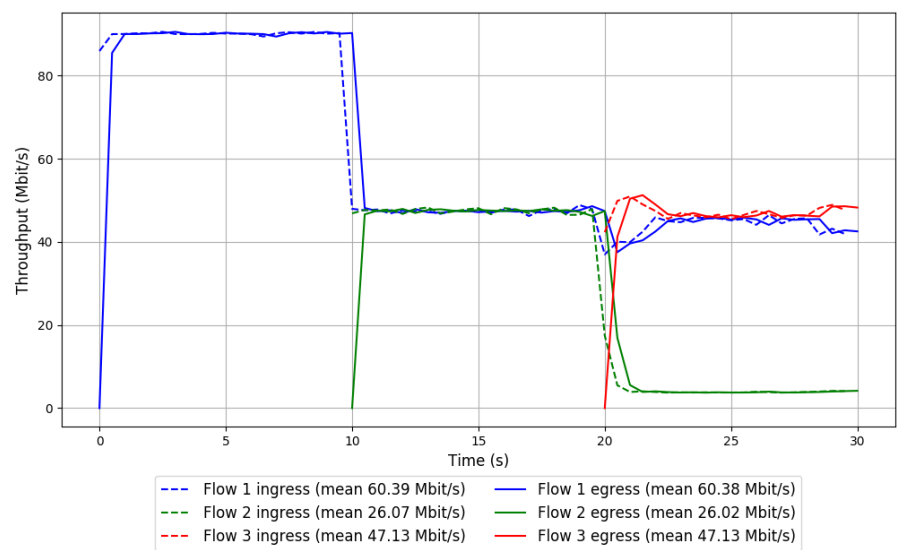


Run 6: Statistics of TaoVA-100x

Start at: 2018-07-17 18:30:45
End at: 2018-07-17 18:31:15
Local clock offset: -5.344 ms
Remote clock offset: -2.124 ms

Below is generated by plot.py at 2018-07-17 20:13:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.37 Mbit/s
95th percentile per-packet one-way delay: 11.221 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 60.38 Mbit/s
95th percentile per-packet one-way delay: 10.730 ms
Loss rate: 0.01%
-- Flow 2:
Average throughput: 26.02 Mbit/s
95th percentile per-packet one-way delay: 11.888 ms
Loss rate: 0.16%
-- Flow 3:
Average throughput: 47.13 Mbit/s
95th percentile per-packet one-way delay: 11.417 ms
Loss rate: 0.00%

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

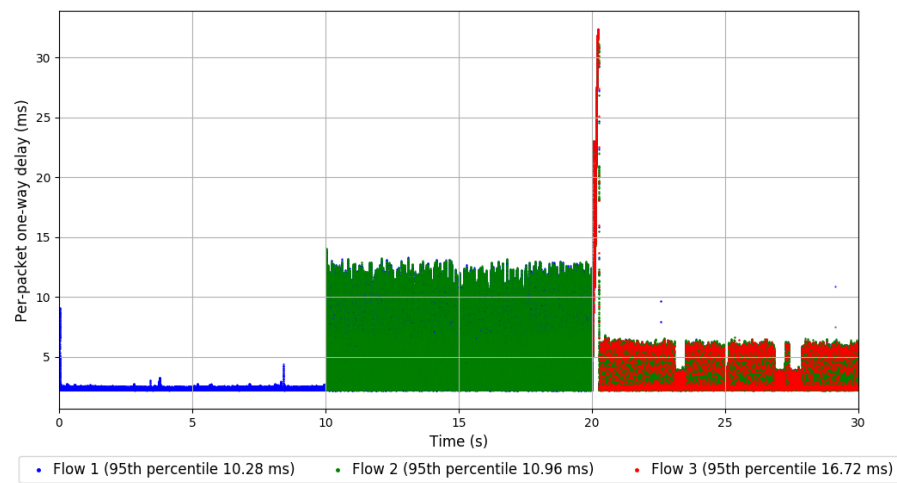
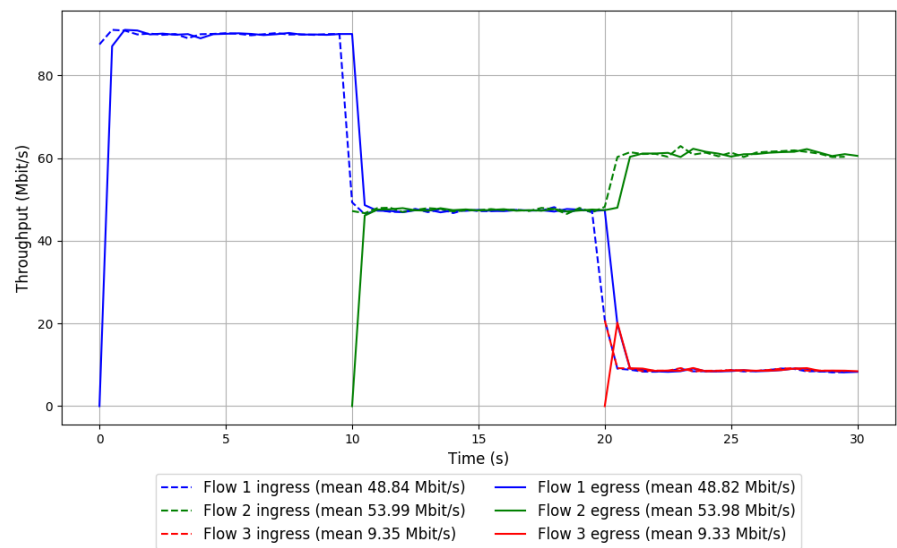


Run 7: Statistics of TaoVA-100x

Start at: 2018-07-17 18:49:57
End at: 2018-07-17 18:50:27
Local clock offset: -5.137 ms
Remote clock offset: -2.057 ms

Below is generated by plot.py at 2018-07-17 20:13:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.88 Mbit/s
95th percentile per-packet one-way delay: 10.649 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 48.82 Mbit/s
95th percentile per-packet one-way delay: 10.284 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 53.98 Mbit/s
95th percentile per-packet one-way delay: 10.957 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 9.33 Mbit/s
95th percentile per-packet one-way delay: 16.717 ms
Loss rate: 0.26%

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

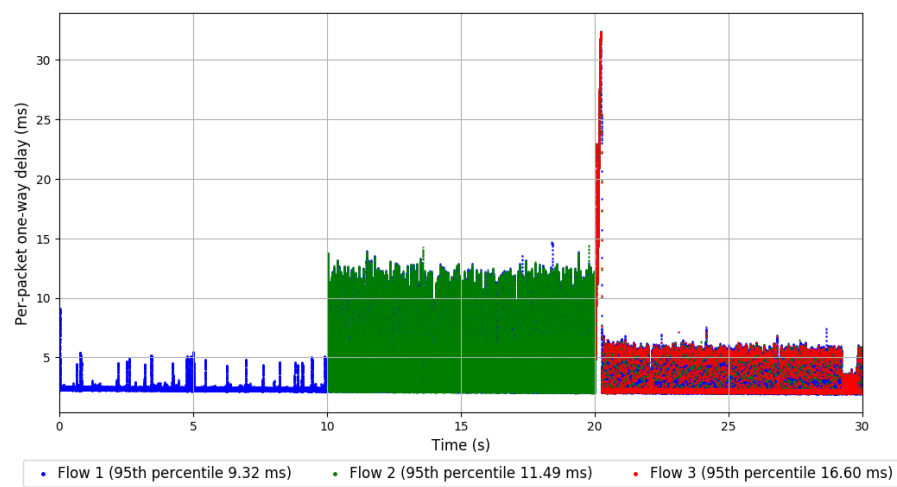
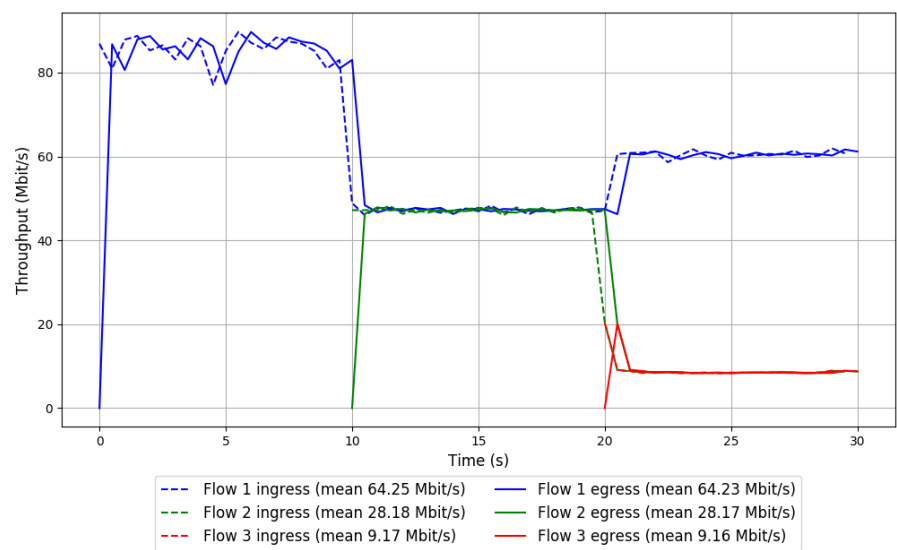


Run 8: Statistics of TaoVA-100x

Start at: 2018-07-17 19:09:08
End at: 2018-07-17 19:09:38
Local clock offset: -5.832 ms
Remote clock offset: 12.047 ms

Below is generated by plot.py at 2018-07-17 20:13:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.04 Mbit/s
95th percentile per-packet one-way delay: 10.464 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 64.23 Mbit/s
95th percentile per-packet one-way delay: 9.316 ms
Loss rate: 0.02%
-- Flow 2:
Average throughput: 28.17 Mbit/s
95th percentile per-packet one-way delay: 11.490 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 9.16 Mbit/s
95th percentile per-packet one-way delay: 16.598 ms
Loss rate: 0.10%

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

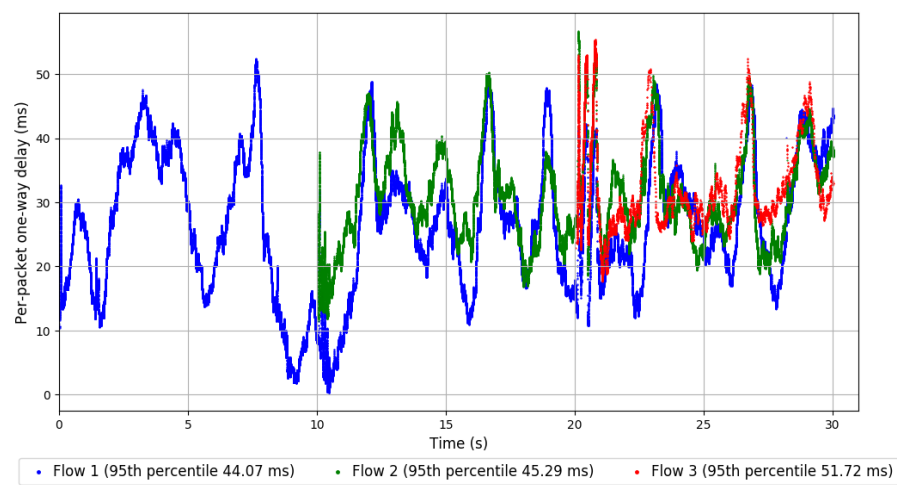
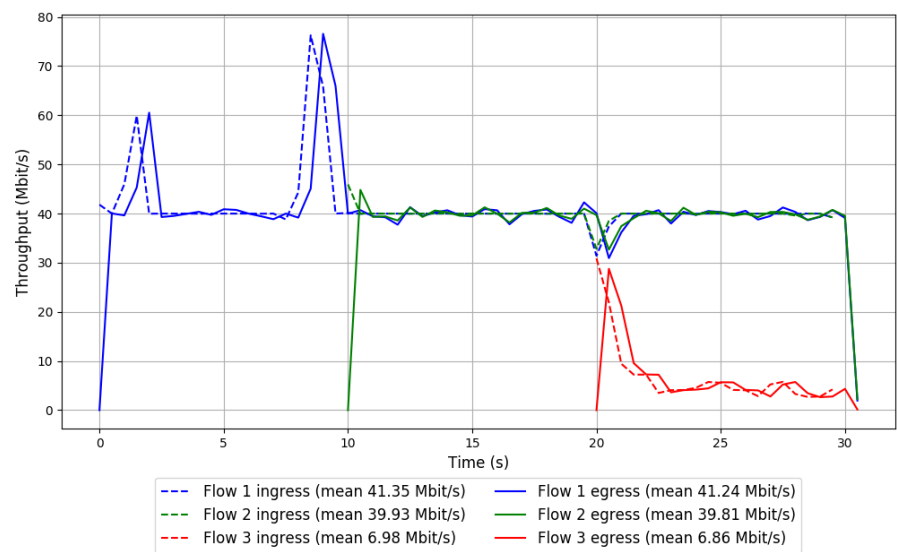


Run 9: Statistics of TaoVA-100x

Start at: 2018-07-17 19:28:29
End at: 2018-07-17 19:28:59
Local clock offset: -0.519 ms
Remote clock offset: 19.477 ms

Below is generated by plot.py at 2018-07-17 20:15:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.04 Mbit/s
95th percentile per-packet one-way delay: 44.888 ms
Loss rate: 0.25%
-- Flow 1:
Average throughput: 41.24 Mbit/s
95th percentile per-packet one-way delay: 44.074 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 39.81 Mbit/s
95th percentile per-packet one-way delay: 45.294 ms
Loss rate: 0.19%
-- Flow 3:
Average throughput: 6.86 Mbit/s
95th percentile per-packet one-way delay: 51.718 ms
Loss rate: 1.69%

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

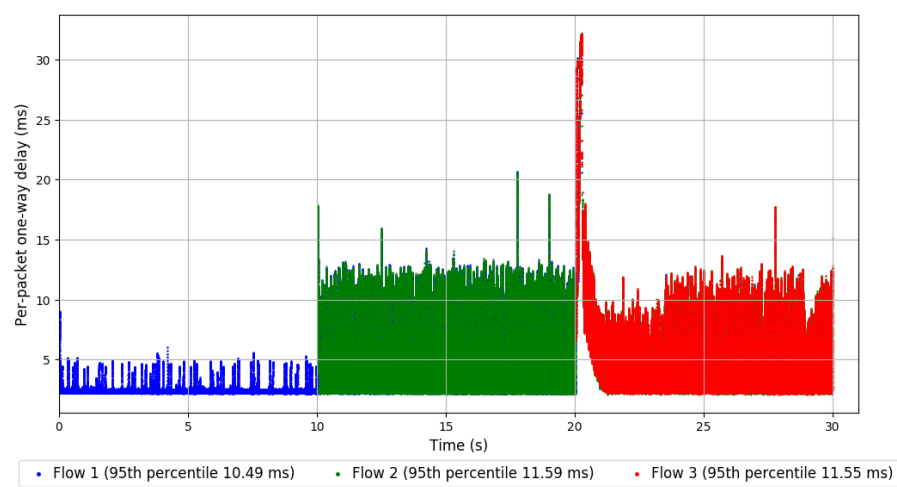
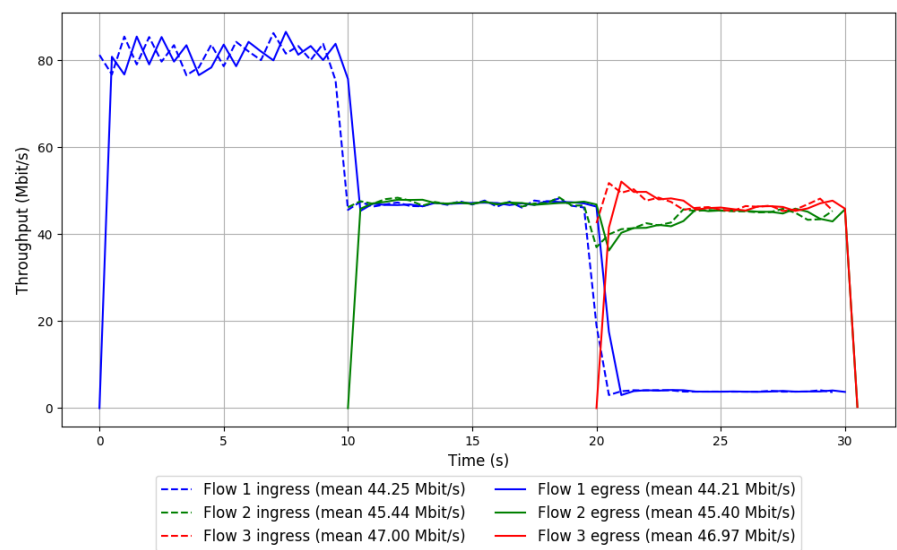


Run 10: Statistics of TaoVA-100x

Start at: 2018-07-17 19:47:41
End at: 2018-07-17 19:48:11
Local clock offset: -6.236 ms
Remote clock offset: 24.157 ms

Below is generated by plot.py at 2018-07-17 20:15:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.07 Mbit/s
95th percentile per-packet one-way delay: 11.164 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 44.21 Mbit/s
95th percentile per-packet one-way delay: 10.486 ms
Loss rate: 0.07%
-- Flow 2:
Average throughput: 45.40 Mbit/s
95th percentile per-packet one-way delay: 11.591 ms
Loss rate: 0.01%
-- Flow 3:
Average throughput: 46.97 Mbit/s
95th percentile per-packet one-way delay: 11.552 ms
Loss rate: 0.02%

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

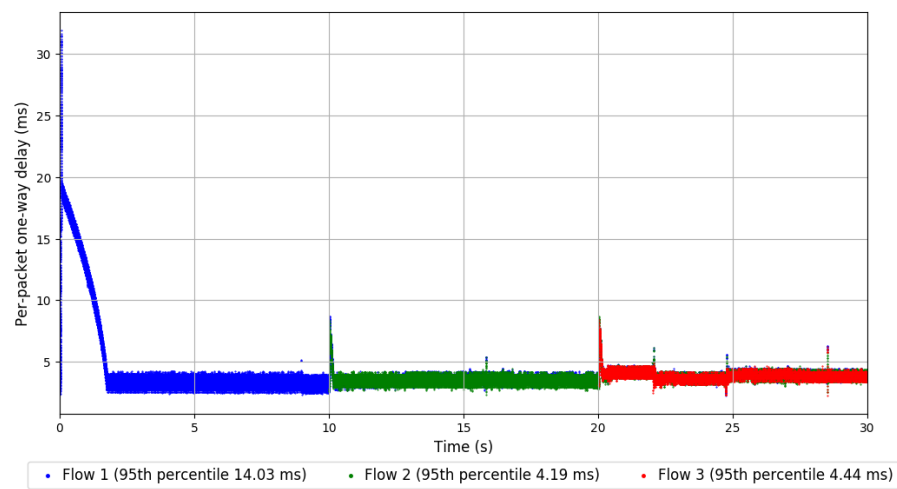
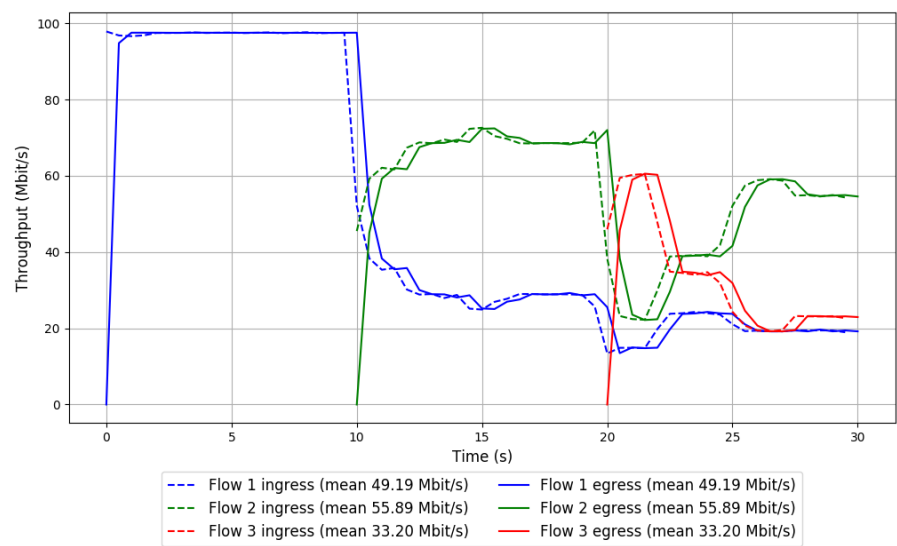


Run 1: Statistics of TCP Vegas

Start at: 2018-07-17 16:47:00
End at: 2018-07-17 16:47:30
Local clock offset: -5.974 ms
Remote clock offset: -0.677 ms

Below is generated by plot.py at 2018-07-17 20:15:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 7.410 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 49.19 Mbit/s
95th percentile per-packet one-way delay: 14.027 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 55.89 Mbit/s
95th percentile per-packet one-way delay: 4.192 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 33.20 Mbit/s
95th percentile per-packet one-way delay: 4.436 ms
Loss rate: 0.00%

Run 1: Report of TCP Vegas — Data Link

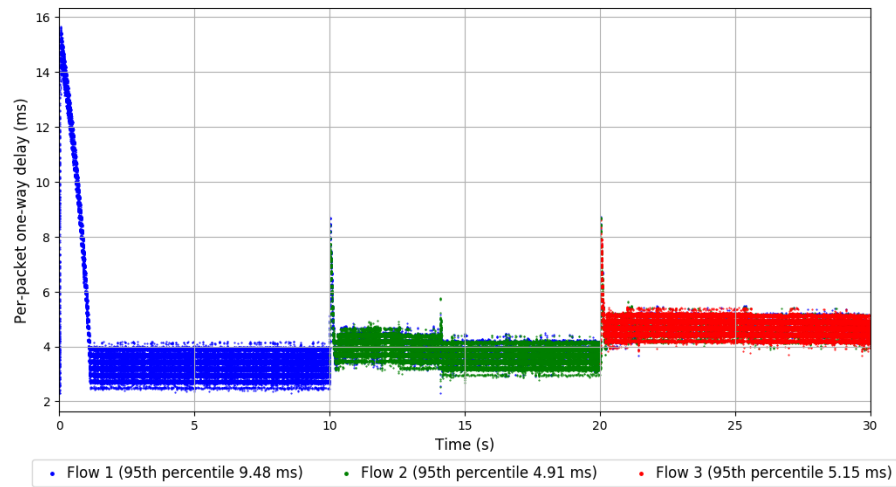
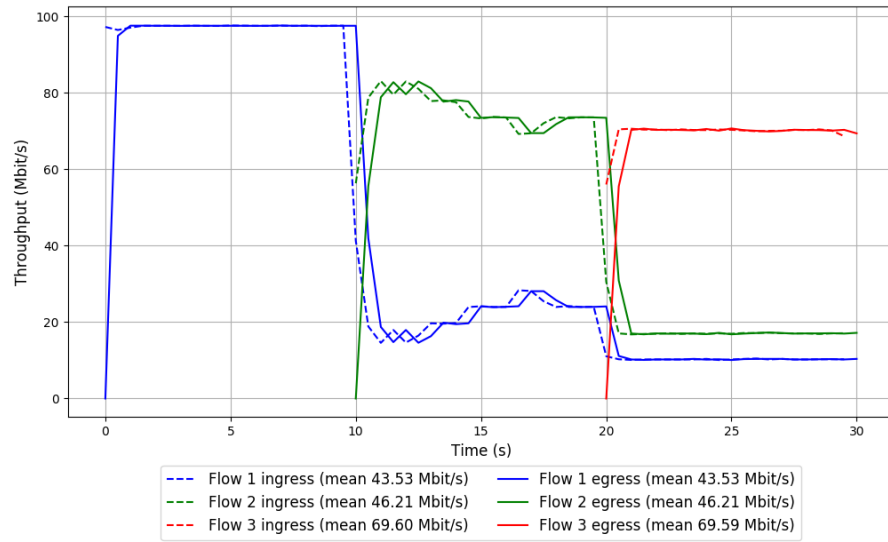


Run 2: Statistics of TCP Vegas

Start at: 2018-07-17 17:06:13
End at: 2018-07-17 17:06:43
Local clock offset: -5.913 ms
Remote clock offset: 1.233 ms

Below is generated by plot.py at 2018-07-17 20:15:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 5.166 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 43.53 Mbit/s
95th percentile per-packet one-way delay: 9.480 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 46.21 Mbit/s
95th percentile per-packet one-way delay: 4.908 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.59 Mbit/s
95th percentile per-packet one-way delay: 5.152 ms
Loss rate: 0.00%

Run 2: Report of TCP Vegas — Data Link

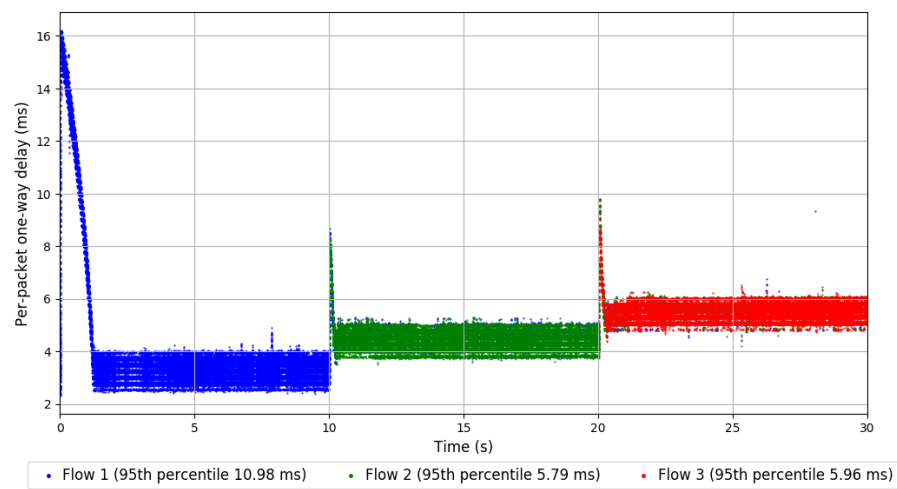
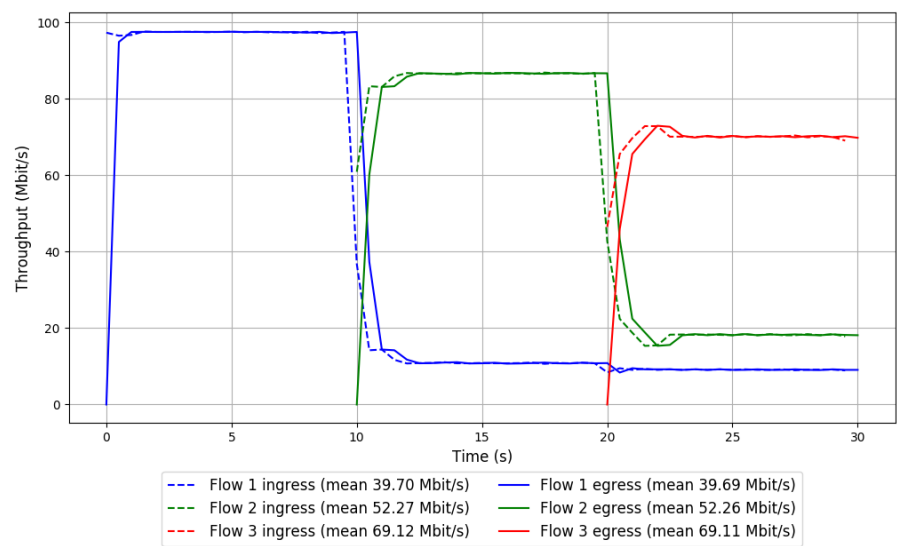


Run 3: Statistics of TCP Vegas

Start at: 2018-07-17 17:25:24
End at: 2018-07-17 17:25:54
Local clock offset: -5.879 ms
Remote clock offset: -1.917 ms

Below is generated by plot.py at 2018-07-17 20:15:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.48 Mbit/s
95th percentile per-packet one-way delay: 6.013 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 39.69 Mbit/s
95th percentile per-packet one-way delay: 10.982 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 52.26 Mbit/s
95th percentile per-packet one-way delay: 5.788 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 69.11 Mbit/s
95th percentile per-packet one-way delay: 5.959 ms
Loss rate: 0.00%

Run 3: Report of TCP Vegas — Data Link

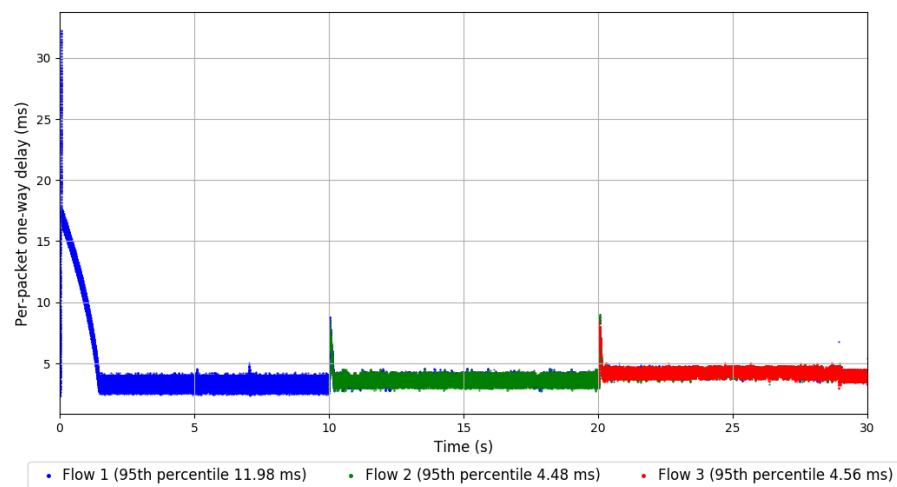
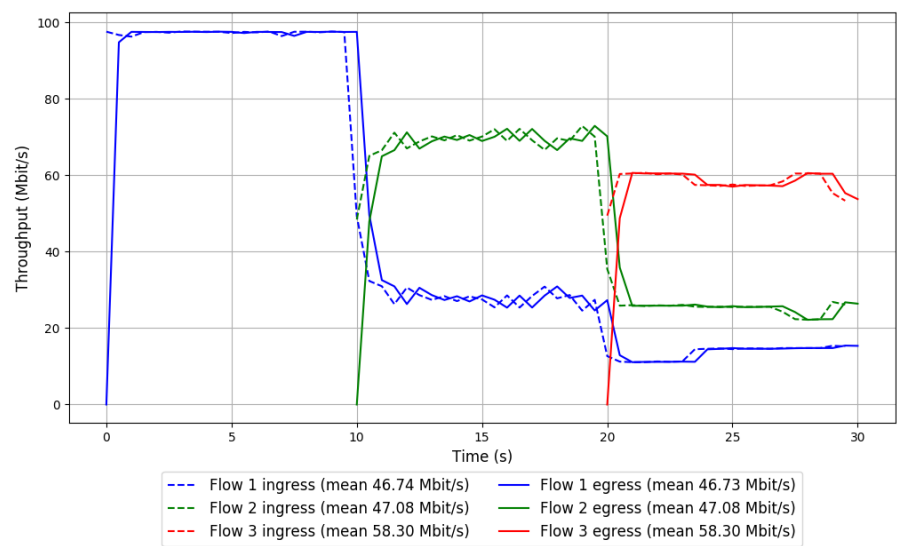


Run 4: Statistics of TCP Vegas

Start at: 2018-07-17 17:44:36
End at: 2018-07-17 17:45:06
Local clock offset: -5.88 ms
Remote clock offset: -3.342 ms

Below is generated by plot.py at 2018-07-17 20:15:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.46 Mbit/s
95th percentile per-packet one-way delay: 5.268 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 46.73 Mbit/s
95th percentile per-packet one-way delay: 11.979 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 47.08 Mbit/s
95th percentile per-packet one-way delay: 4.481 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 58.30 Mbit/s
95th percentile per-packet one-way delay: 4.558 ms
Loss rate: 0.00%

Run 4: Report of TCP Vegas — Data Link

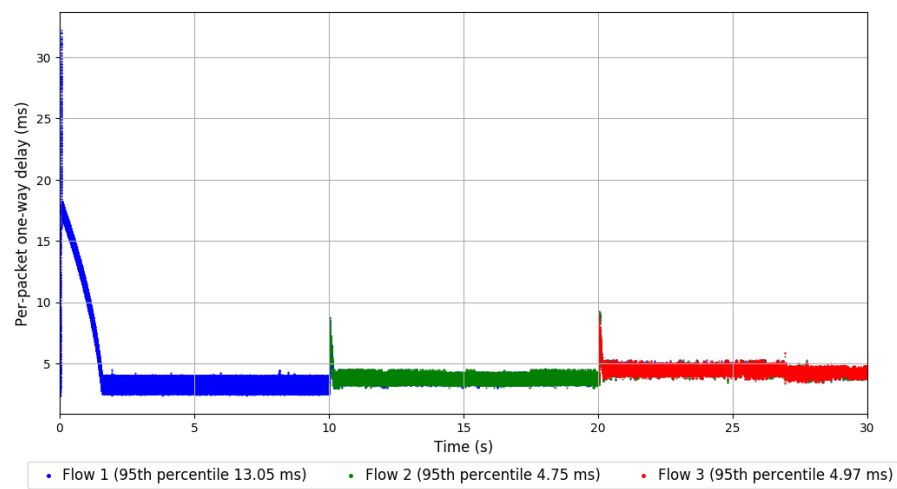
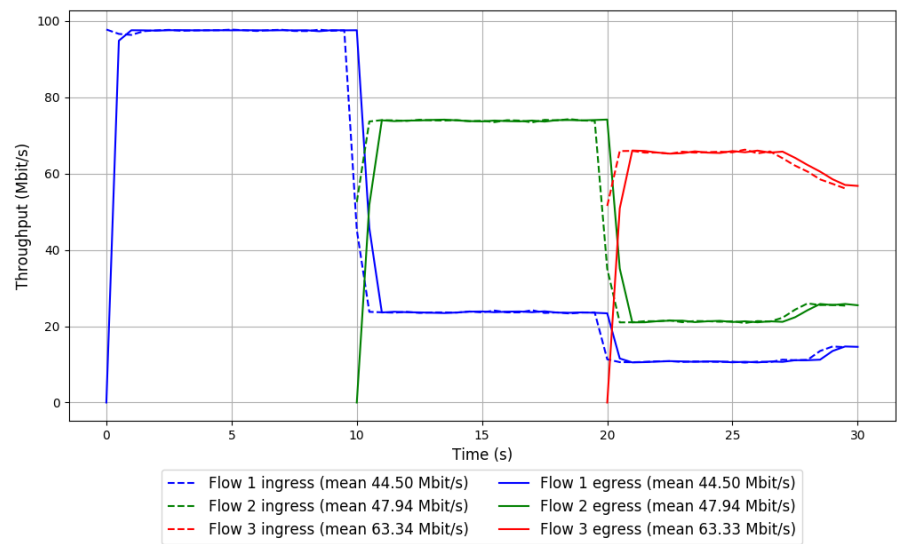


Run 5: Statistics of TCP Vegas

Start at: 2018-07-17 18:03:48
End at: 2018-07-17 18:04:18
Local clock offset: -5.607 ms
Remote clock offset: -2.276 ms

Below is generated by plot.py at 2018-07-17 20:15:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 6.010 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 44.50 Mbit/s
95th percentile per-packet one-way delay: 13.052 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 47.94 Mbit/s
95th percentile per-packet one-way delay: 4.752 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 63.33 Mbit/s
95th percentile per-packet one-way delay: 4.968 ms
Loss rate: 0.00%

Run 5: Report of TCP Vegas — Data Link

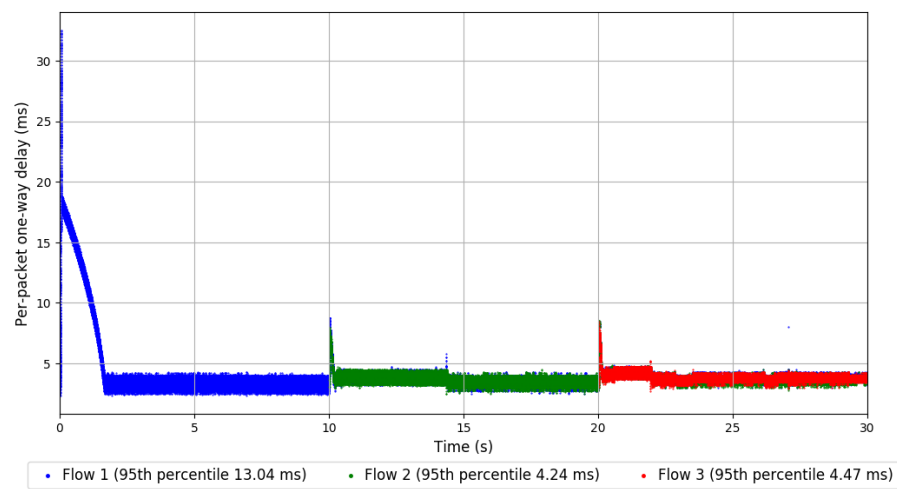
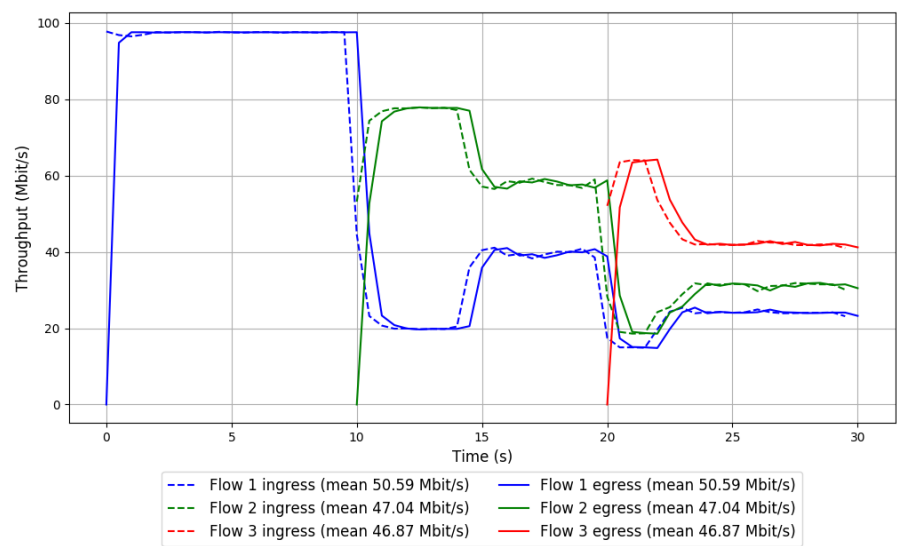


Run 6: Statistics of TCP Vegas

Start at: 2018-07-17 18:23:00
End at: 2018-07-17 18:23:30
Local clock offset: -5.357 ms
Remote clock offset: -1.899 ms

Below is generated by plot.py at 2018-07-17 20:15:40
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 6.739 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 50.59 Mbit/s
95th percentile per-packet one-way delay: 13.039 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 47.04 Mbit/s
95th percentile per-packet one-way delay: 4.243 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 46.87 Mbit/s
95th percentile per-packet one-way delay: 4.467 ms
Loss rate: 0.00%

Run 6: Report of TCP Vegas — Data Link

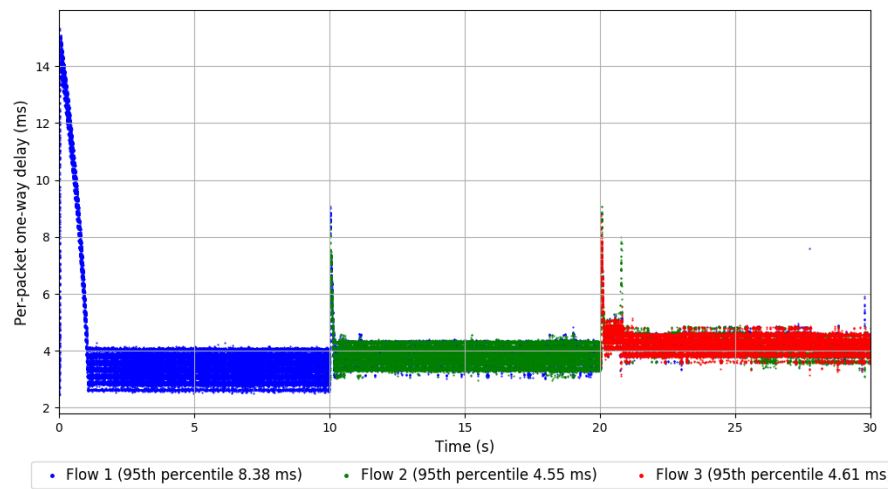
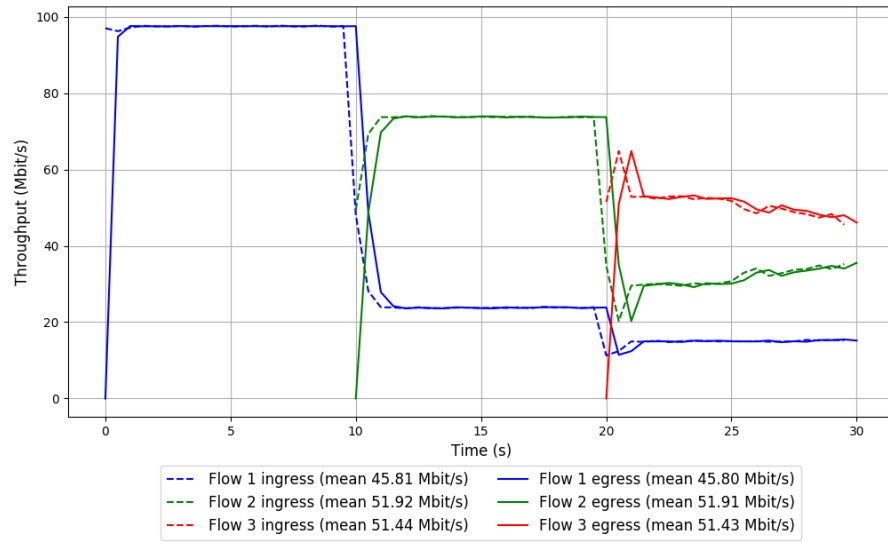


Run 7: Statistics of TCP Vegas

Start at: 2018-07-17 18:42:12
End at: 2018-07-17 18:42:42
Local clock offset: -5.26 ms
Remote clock offset: -1.991 ms

Below is generated by plot.py at 2018-07-17 20:15:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 97.49 Mbit/s
95th percentile per-packet one-way delay: 4.650 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 45.80 Mbit/s
95th percentile per-packet one-way delay: 8.380 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 51.91 Mbit/s
95th percentile per-packet one-way delay: 4.547 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 51.43 Mbit/s
95th percentile per-packet one-way delay: 4.609 ms
Loss rate: 0.00%

Run 7: Report of TCP Vegas — Data Link



Run 8: Statistics of TCP Vegas

Start at: 2018-07-17 19:01:24

End at: 2018-07-17 19:01:54

Local clock offset: -5.516 ms

Remote clock offset: 5.047 ms

Below is generated by plot.py at 2018-07-17 20:16:02

Datalink statistics

-- Total of 3 flows:

Average throughput: 96.71 Mbit/s

95th percentile per-packet one-way delay: 4.794 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 57.81 Mbit/s

95th percentile per-packet one-way delay: 10.216 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 39.72 Mbit/s

95th percentile per-packet one-way delay: 3.306 ms

Loss rate: 0.00%

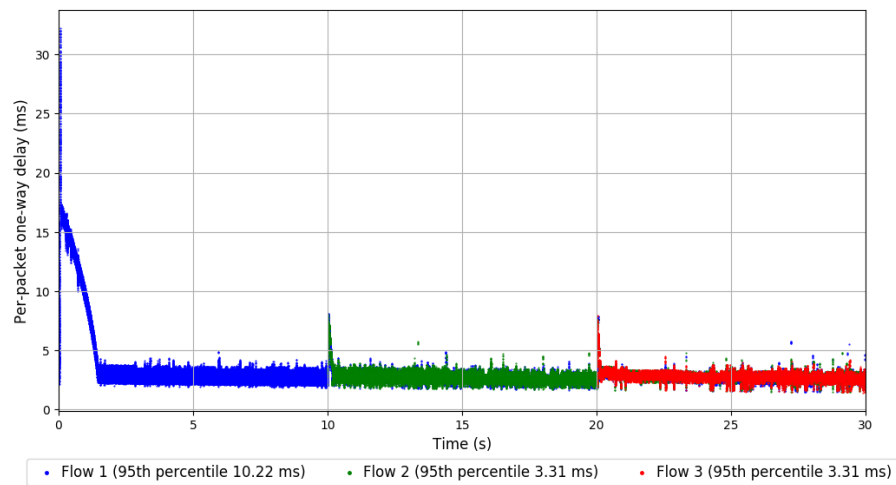
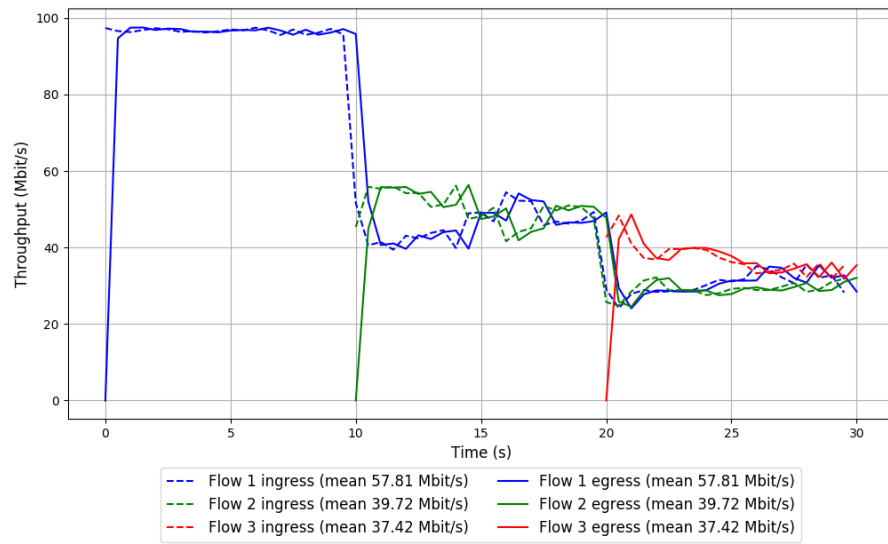
-- Flow 3:

Average throughput: 37.42 Mbit/s

95th percentile per-packet one-way delay: 3.308 ms

Loss rate: 0.00%

Run 8: Report of TCP Vegas — Data Link

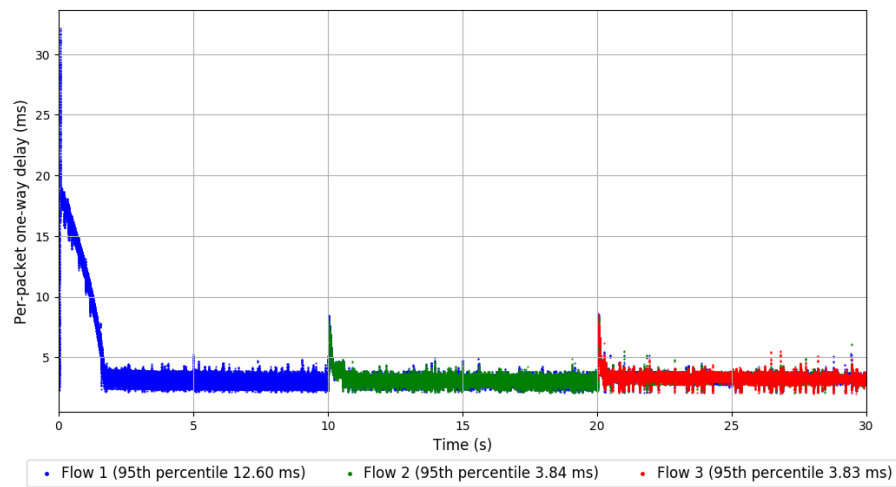
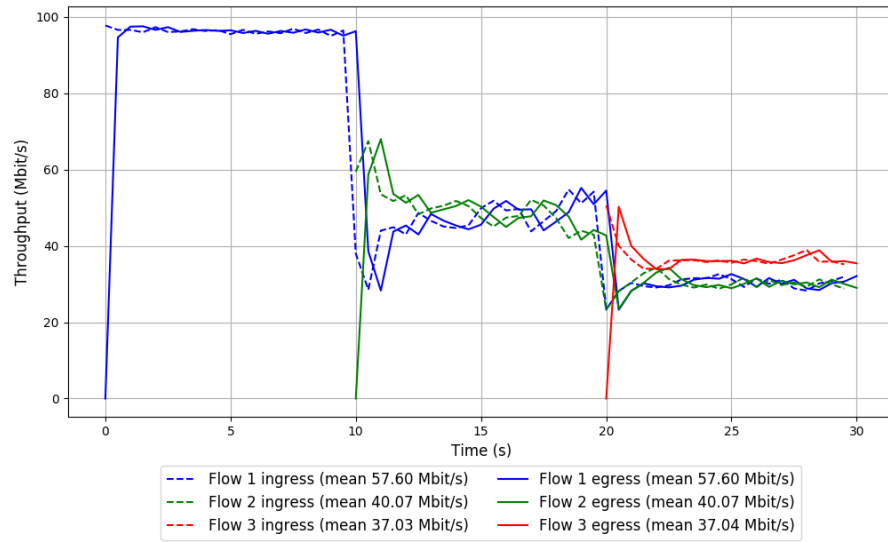


Run 9: Statistics of TCP Vegas

Start at: 2018-07-17 19:20:35
End at: 2018-07-17 19:21:05
Local clock offset: -5.976 ms
Remote clock offset: 17.219 ms

Below is generated by plot.py at 2018-07-17 20:16:04
Datalink statistics
-- Total of 3 flows:
Average throughput: 96.61 Mbit/s
95th percentile per-packet one-way delay: 7.045 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.60 Mbit/s
95th percentile per-packet one-way delay: 12.603 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.07 Mbit/s
95th percentile per-packet one-way delay: 3.841 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 37.04 Mbit/s
95th percentile per-packet one-way delay: 3.835 ms
Loss rate: 0.00%

Run 9: Report of TCP Vegas — Data Link

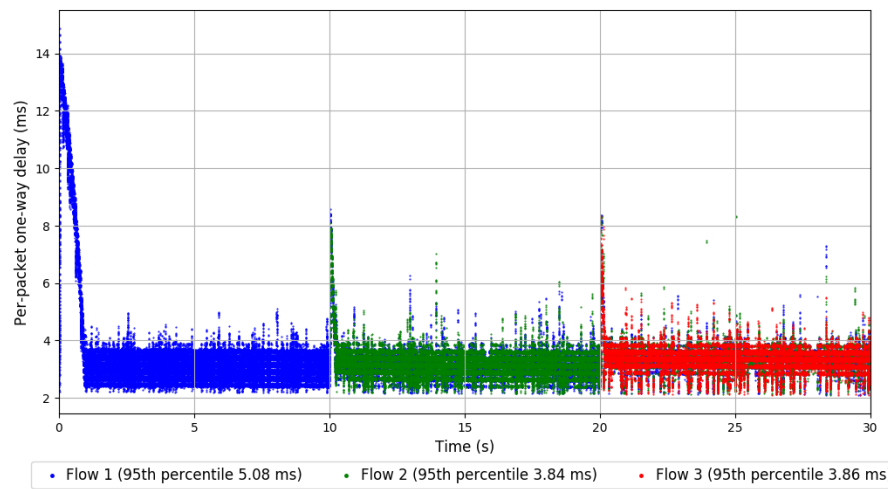
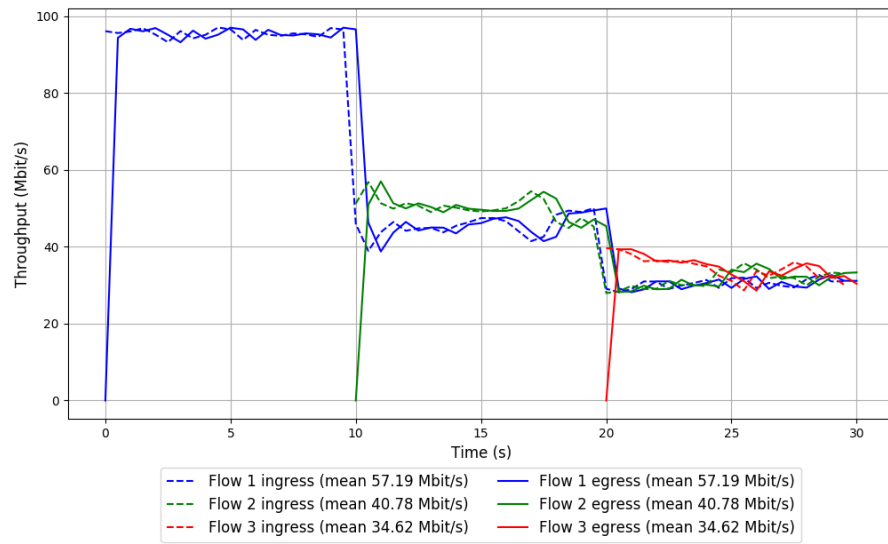


Run 10: Statistics of TCP Vegas

Start at: 2018-07-17 19:39:56
End at: 2018-07-17 19:40:26
Local clock offset: -6.179 ms
Remote clock offset: 22.369 ms

Below is generated by plot.py at 2018-07-17 20:16:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 95.86 Mbit/s
95th percentile per-packet one-way delay: 4.051 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.19 Mbit/s
95th percentile per-packet one-way delay: 5.080 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 40.78 Mbit/s
95th percentile per-packet one-way delay: 3.838 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.62 Mbit/s
95th percentile per-packet one-way delay: 3.860 ms
Loss rate: 0.00%

Run 10: Report of TCP Vegas — Data Link

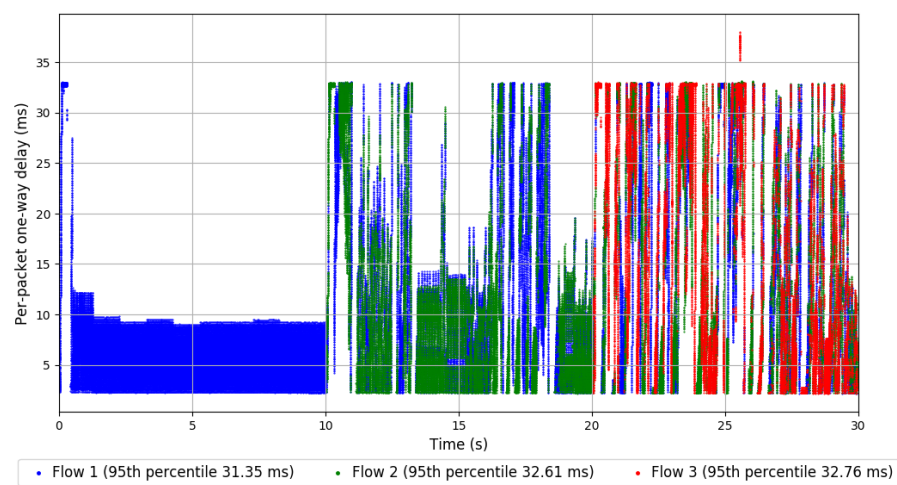
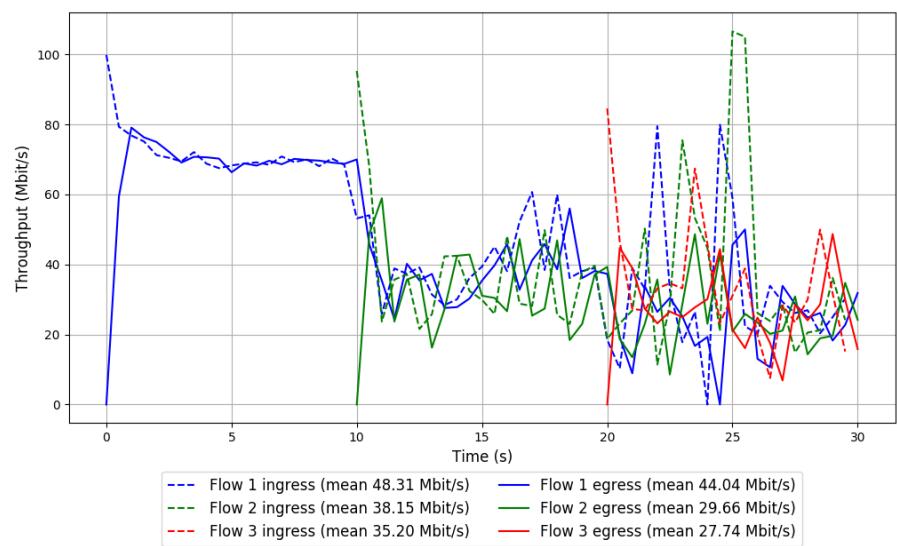


Run 1: Statistics of Verus

Start at: 2018-07-17 16:40:10
End at: 2018-07-17 16:40:40
Local clock offset: -5.952 ms
Remote clock offset: -2.078 ms

Below is generated by plot.py at 2018-07-17 20:16:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.96 Mbit/s
95th percentile per-packet one-way delay: 32.297 ms
Loss rate: 14.52%
-- Flow 1:
Average throughput: 44.04 Mbit/s
95th percentile per-packet one-way delay: 31.348 ms
Loss rate: 8.84%
-- Flow 2:
Average throughput: 29.66 Mbit/s
95th percentile per-packet one-way delay: 32.612 ms
Loss rate: 22.25%
-- Flow 3:
Average throughput: 27.74 Mbit/s
95th percentile per-packet one-way delay: 32.763 ms
Loss rate: 21.20%

Run 1: Report of Verus — Data Link

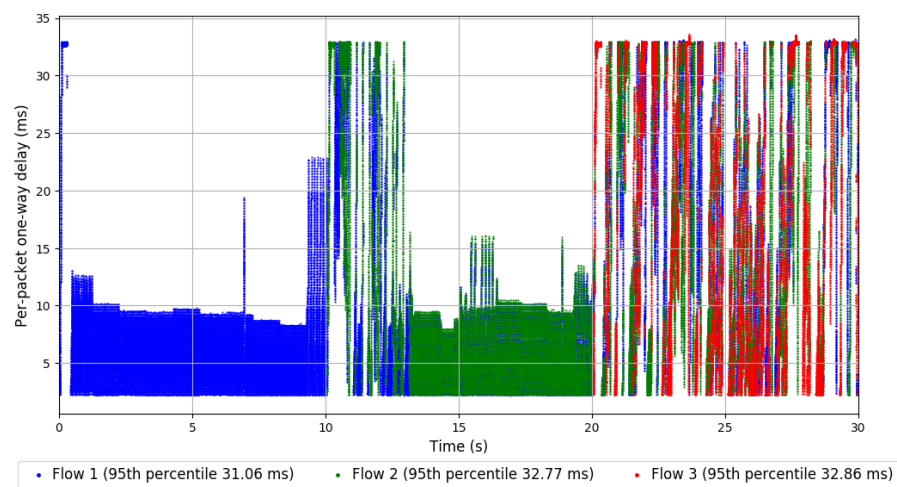
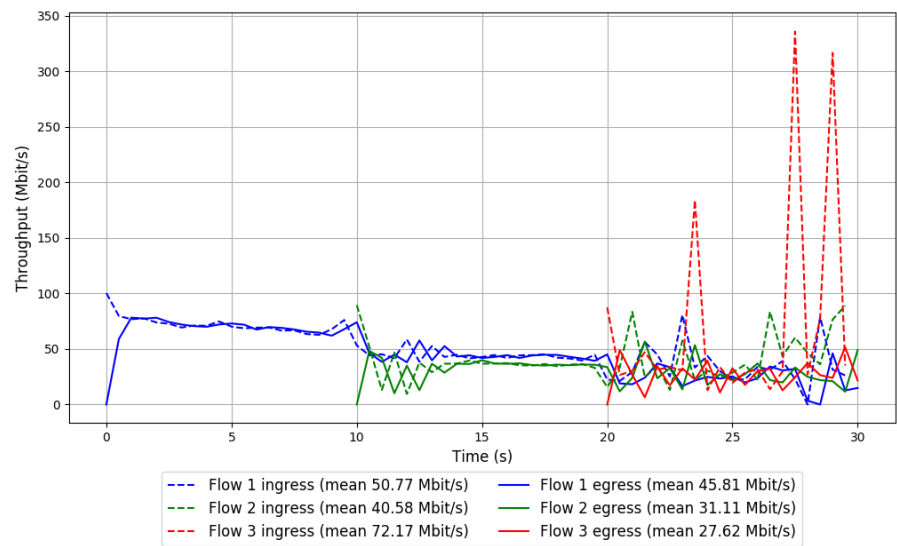


Run 2: Statistics of Verus

Start at: 2018-07-17 16:59:21
End at: 2018-07-17 16:59:51
Local clock offset: -5.994 ms
Remote clock offset: 0.637 ms

Below is generated by plot.py at 2018-07-17 20:16:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.60 Mbit/s
95th percentile per-packet one-way delay: 32.727 ms
Loss rate: 25.53%
-- Flow 1:
Average throughput: 45.81 Mbit/s
95th percentile per-packet one-way delay: 31.061 ms
Loss rate: 9.70%
-- Flow 2:
Average throughput: 31.11 Mbit/s
95th percentile per-packet one-way delay: 32.770 ms
Loss rate: 23.28%
-- Flow 3:
Average throughput: 27.62 Mbit/s
95th percentile per-packet one-way delay: 32.858 ms
Loss rate: 61.62%

Run 2: Report of Verus — Data Link

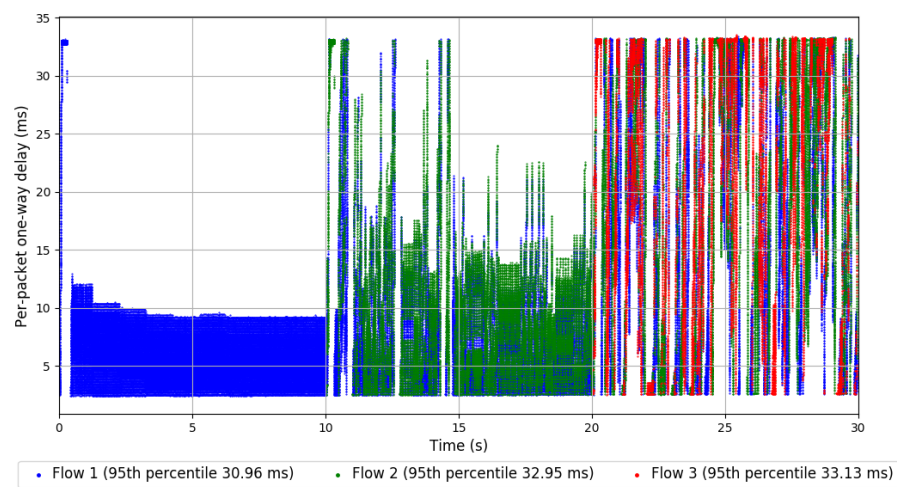
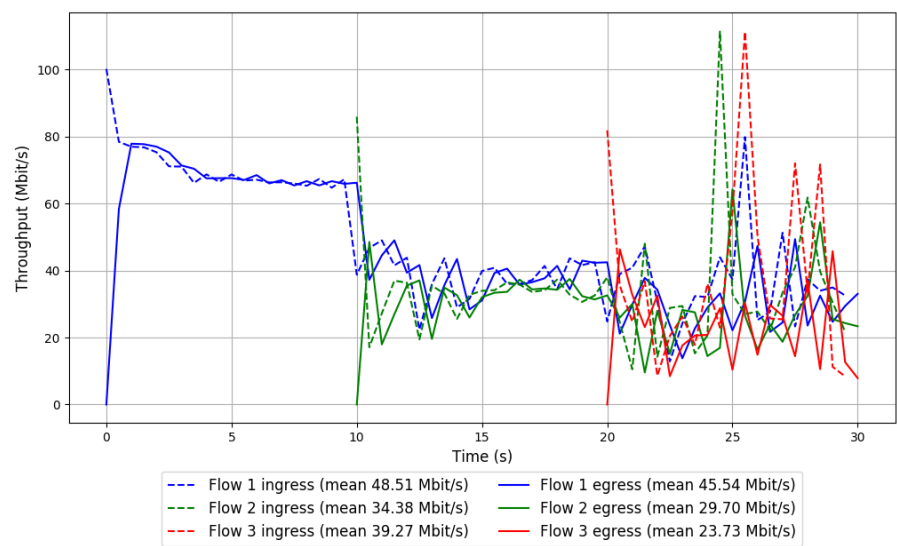


Run 3: Statistics of Verus

Start at: 2018-07-17 17:18:34
End at: 2018-07-17 17:19:04
Local clock offset: -5.952 ms
Remote clock offset: -0.102 ms

Below is generated by plot.py at 2018-07-17 20:16:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 73.16 Mbit/s
95th percentile per-packet one-way delay: 32.840 ms
Loss rate: 13.21%
-- Flow 1:
Average throughput: 45.54 Mbit/s
95th percentile per-packet one-way delay: 30.957 ms
Loss rate: 6.02%
-- Flow 2:
Average throughput: 29.70 Mbit/s
95th percentile per-packet one-way delay: 32.947 ms
Loss rate: 13.51%
-- Flow 3:
Average throughput: 23.73 Mbit/s
95th percentile per-packet one-way delay: 33.133 ms
Loss rate: 39.51%

Run 3: Report of Verus — Data Link

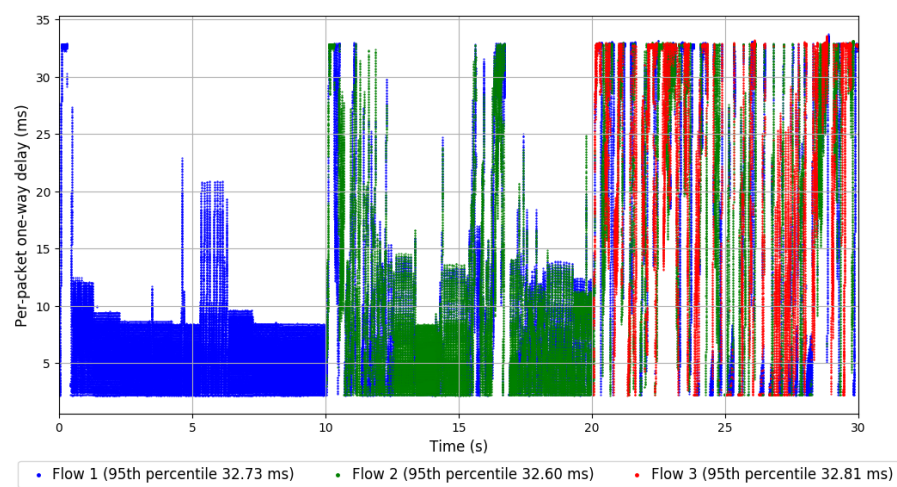
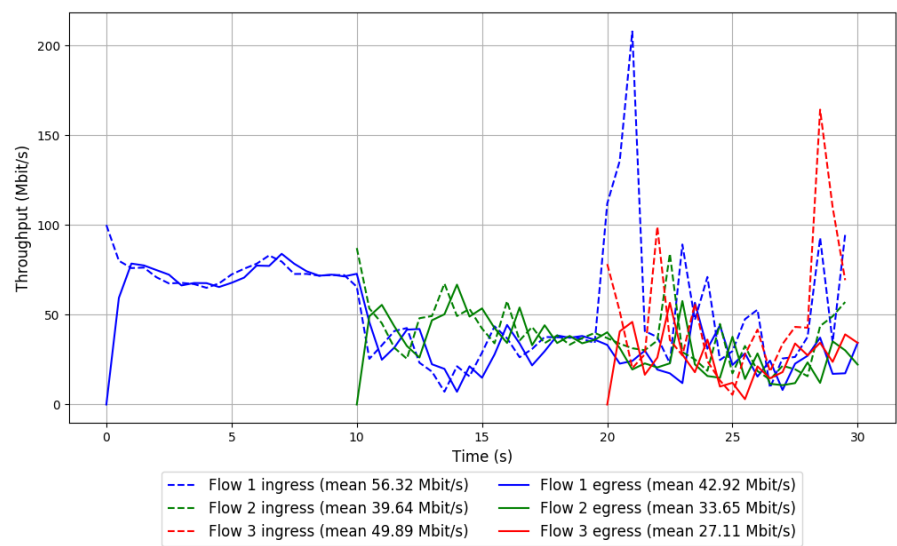


Run 4: Statistics of Verus

Start at: 2018-07-17 17:37:45
End at: 2018-07-17 17:38:15
Local clock offset: -5.896 ms
Remote clock offset: -3.207 ms

Below is generated by plot.py at 2018-07-17 20:16:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.13 Mbit/s
95th percentile per-packet one-way delay: 32.761 ms
Loss rate: 25.06%
-- Flow 1:
Average throughput: 42.92 Mbit/s
95th percentile per-packet one-way delay: 32.731 ms
Loss rate: 23.72%
-- Flow 2:
Average throughput: 33.65 Mbit/s
95th percentile per-packet one-way delay: 32.602 ms
Loss rate: 15.00%
-- Flow 3:
Average throughput: 27.11 Mbit/s
95th percentile per-packet one-way delay: 32.811 ms
Loss rate: 45.50%

Run 4: Report of Verus — Data Link

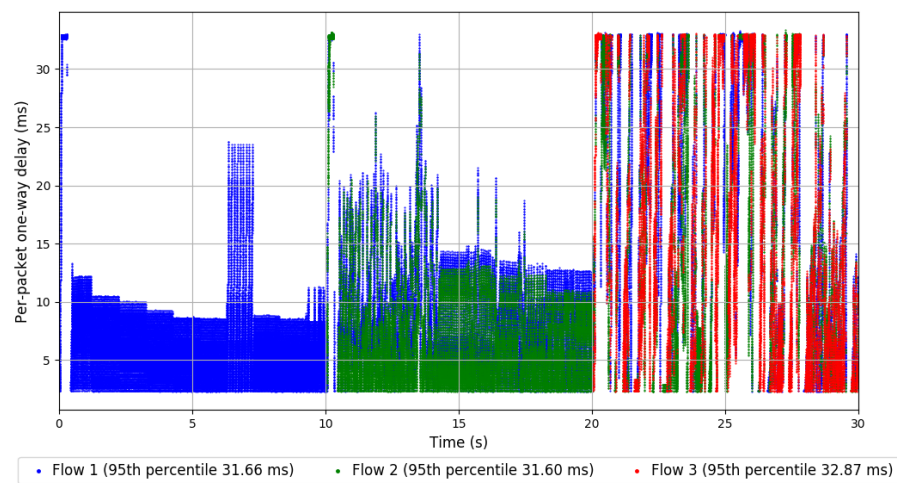
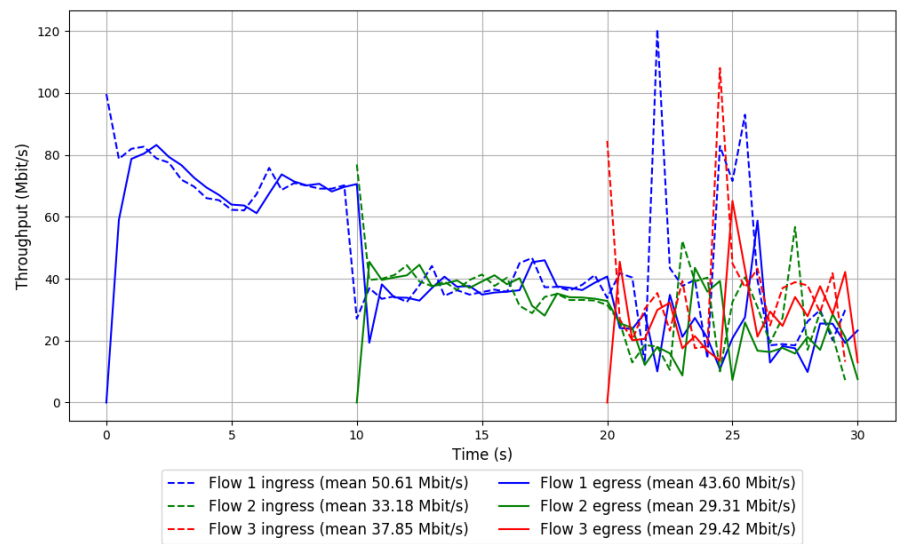


Run 5: Statistics of Verus

Start at: 2018-07-17 17:56:58
End at: 2018-07-17 17:57:28
Local clock offset: -5.791 ms
Remote clock offset: -2.611 ms

Below is generated by plot.py at 2018-07-17 20:16:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.85 Mbit/s
95th percentile per-packet one-way delay: 32.573 ms
Loss rate: 14.50%
-- Flow 1:
Average throughput: 43.60 Mbit/s
95th percentile per-packet one-way delay: 31.664 ms
Loss rate: 13.83%
-- Flow 2:
Average throughput: 29.31 Mbit/s
95th percentile per-packet one-way delay: 31.597 ms
Loss rate: 11.63%
-- Flow 3:
Average throughput: 29.42 Mbit/s
95th percentile per-packet one-way delay: 32.867 ms
Loss rate: 22.26%

Run 5: Report of Verus — Data Link

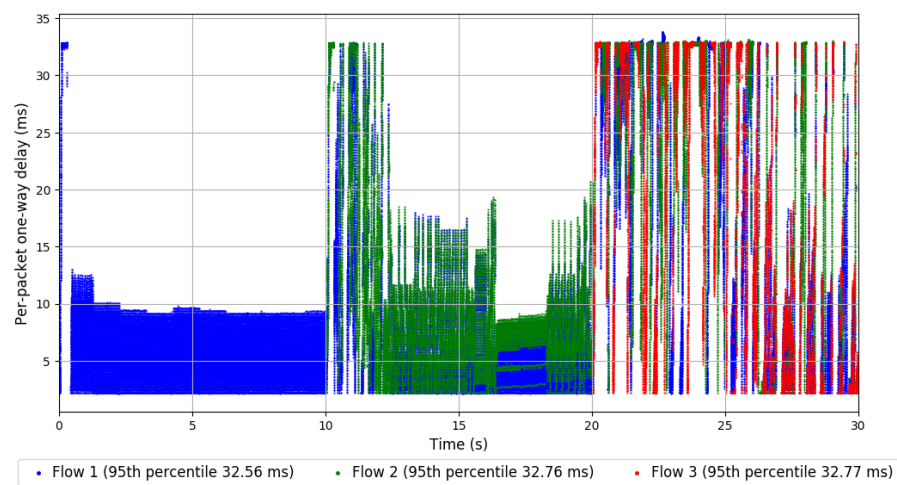
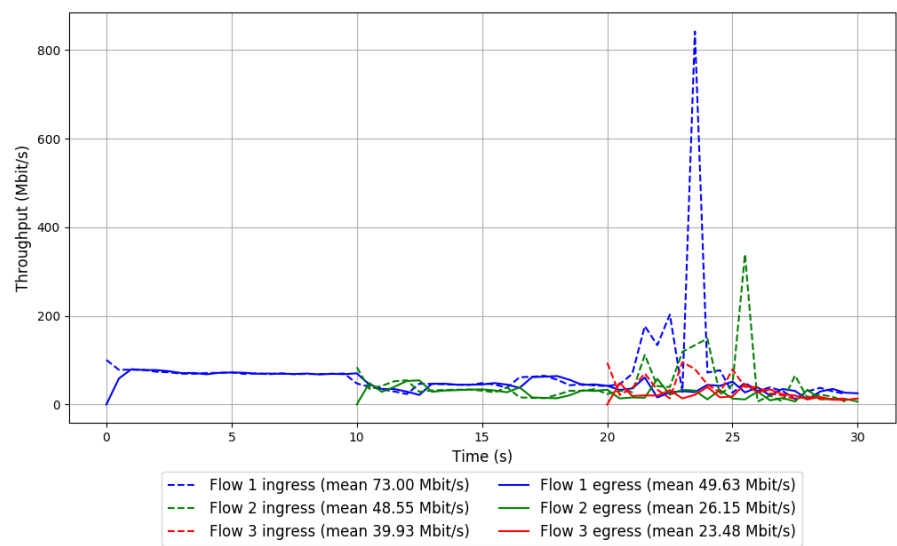


Run 6: Statistics of Verus

Start at: 2018-07-17 18:16:09
End at: 2018-07-17 18:16:39
Local clock offset: -5.431 ms
Remote clock offset: -2.122 ms

Below is generated by plot.py at 2018-07-17 20:17:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.81 Mbit/s
95th percentile per-packet one-way delay: 32.737 ms
Loss rate: 36.89%
-- Flow 1:
Average throughput: 49.63 Mbit/s
95th percentile per-packet one-way delay: 32.564 ms
Loss rate: 32.01%
-- Flow 2:
Average throughput: 26.15 Mbit/s
95th percentile per-packet one-way delay: 32.764 ms
Loss rate: 46.15%
-- Flow 3:
Average throughput: 23.48 Mbit/s
95th percentile per-packet one-way delay: 32.775 ms
Loss rate: 41.20%

Run 6: Report of Verus — Data Link

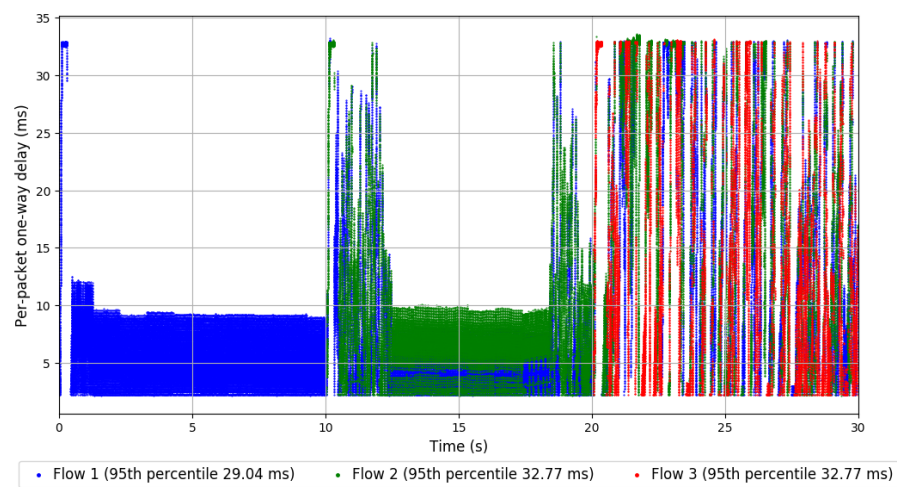
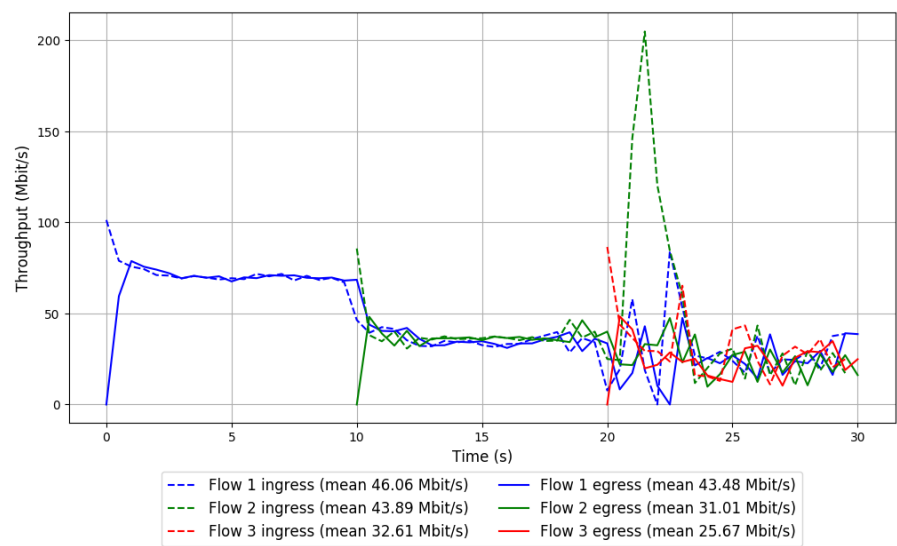


Run 7: Statistics of Verus

Start at: 2018-07-17 18:35:22
End at: 2018-07-17 18:35:52
Local clock offset: -5.248 ms
Remote clock offset: -2.117 ms

Below is generated by plot.py at 2018-07-17 20:17:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.61 Mbit/s
95th percentile per-packet one-way delay: 32.541 ms
Loss rate: 15.58%
-- Flow 1:
Average throughput: 43.48 Mbit/s
95th percentile per-packet one-way delay: 29.040 ms
Loss rate: 5.56%
-- Flow 2:
Average throughput: 31.01 Mbit/s
95th percentile per-packet one-way delay: 32.769 ms
Loss rate: 29.31%
-- Flow 3:
Average throughput: 25.67 Mbit/s
95th percentile per-packet one-way delay: 32.771 ms
Loss rate: 21.18%

Run 7: Report of Verus — Data Link

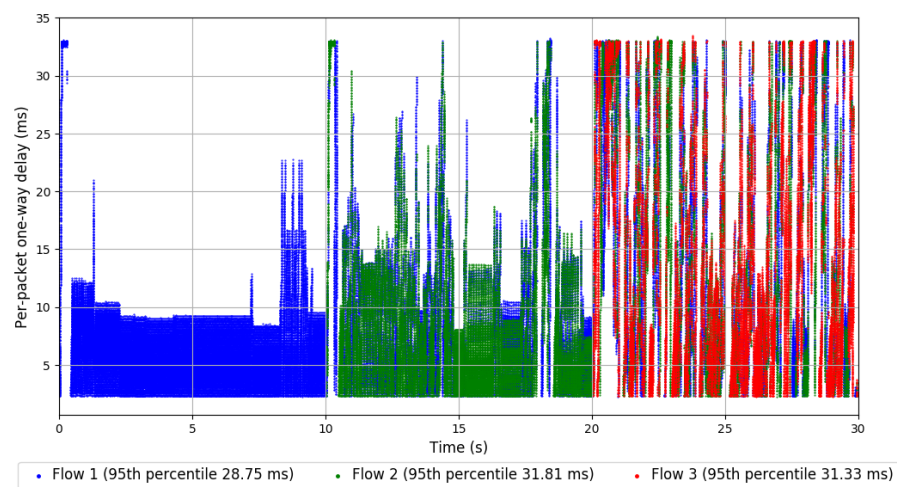
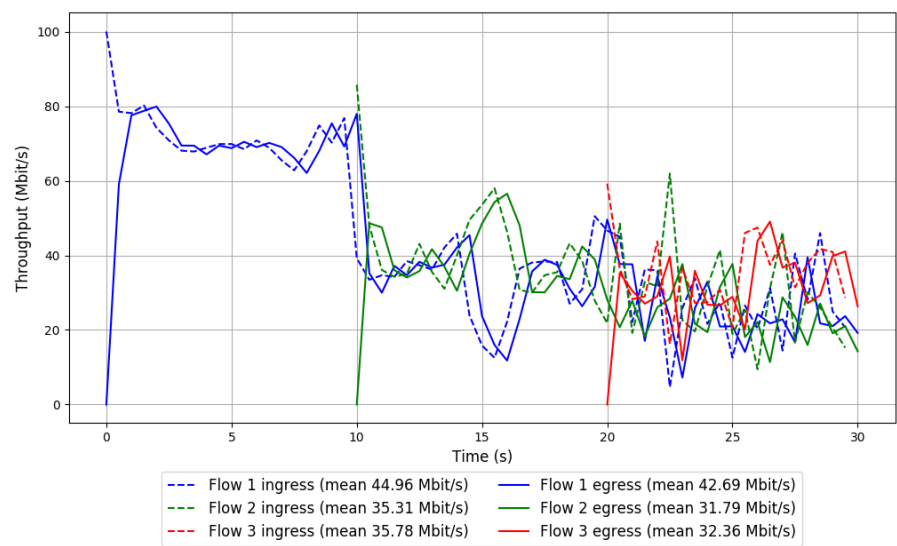


Run 8: Statistics of Verus

Start at: 2018-07-17 18:54:33
End at: 2018-07-17 18:55:03
Local clock offset: -5.092 ms
Remote clock offset: -1.936 ms

Below is generated by plot.py at 2018-07-17 20:17:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.58 Mbit/s
95th percentile per-packet one-way delay: 30.542 ms
Loss rate: 7.16%
-- Flow 1:
Average throughput: 42.69 Mbit/s
95th percentile per-packet one-way delay: 28.748 ms
Loss rate: 5.05%
-- Flow 2:
Average throughput: 31.79 Mbit/s
95th percentile per-packet one-way delay: 31.807 ms
Loss rate: 9.98%
-- Flow 3:
Average throughput: 32.36 Mbit/s
95th percentile per-packet one-way delay: 31.328 ms
Loss rate: 9.58%

Run 8: Report of Verus — Data Link

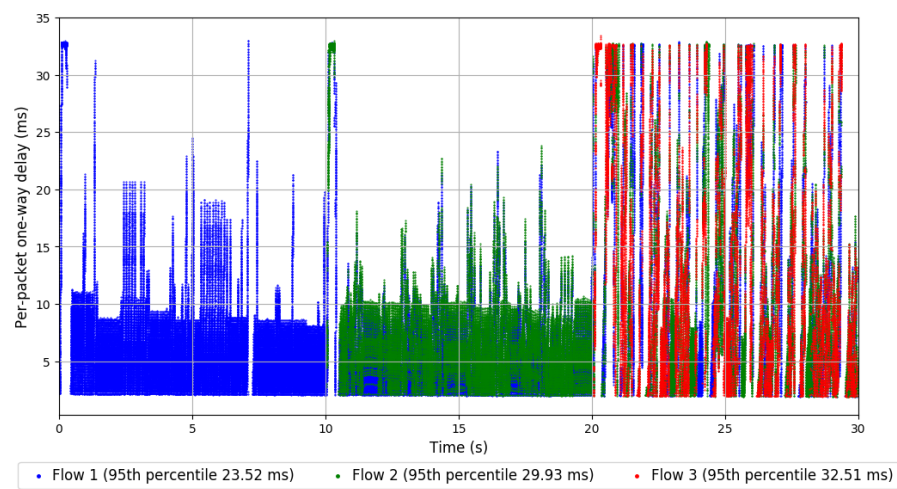
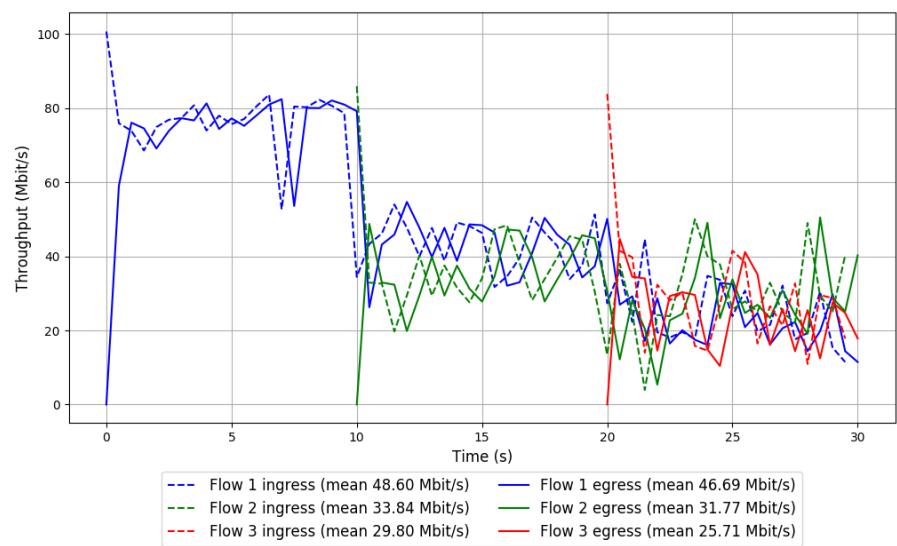


Run 9: Statistics of Verus

Start at: 2018-07-17 19:13:44
End at: 2018-07-17 19:14:14
Local clock offset: -5.877 ms
Remote clock offset: 14.494 ms

Below is generated by plot.py at 2018-07-17 20:17:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.34 Mbit/s
95th percentile per-packet one-way delay: 29.314 ms
Loss rate: 5.75%
-- Flow 1:
Average throughput: 46.69 Mbit/s
95th percentile per-packet one-way delay: 23.520 ms
Loss rate: 3.92%
-- Flow 2:
Average throughput: 31.77 Mbit/s
95th percentile per-packet one-way delay: 29.929 ms
Loss rate: 6.14%
-- Flow 3:
Average throughput: 25.71 Mbit/s
95th percentile per-packet one-way delay: 32.508 ms
Loss rate: 13.81%

Run 9: Report of Verus — Data Link

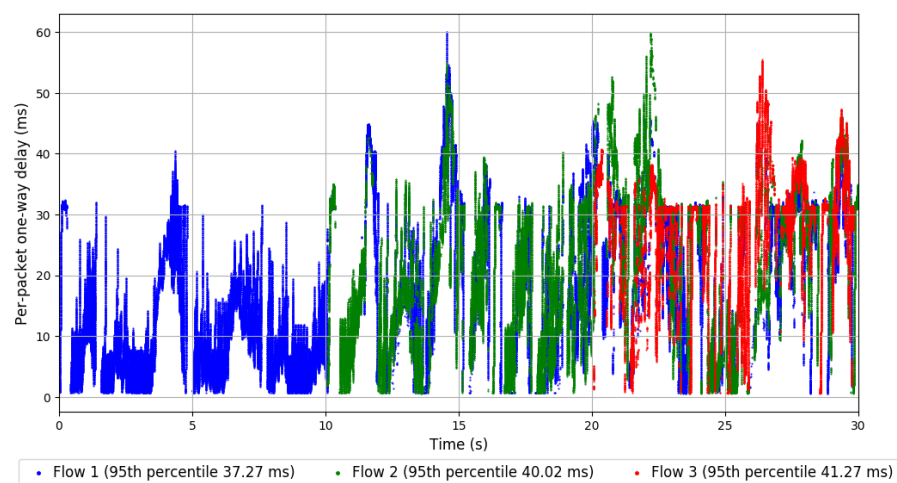
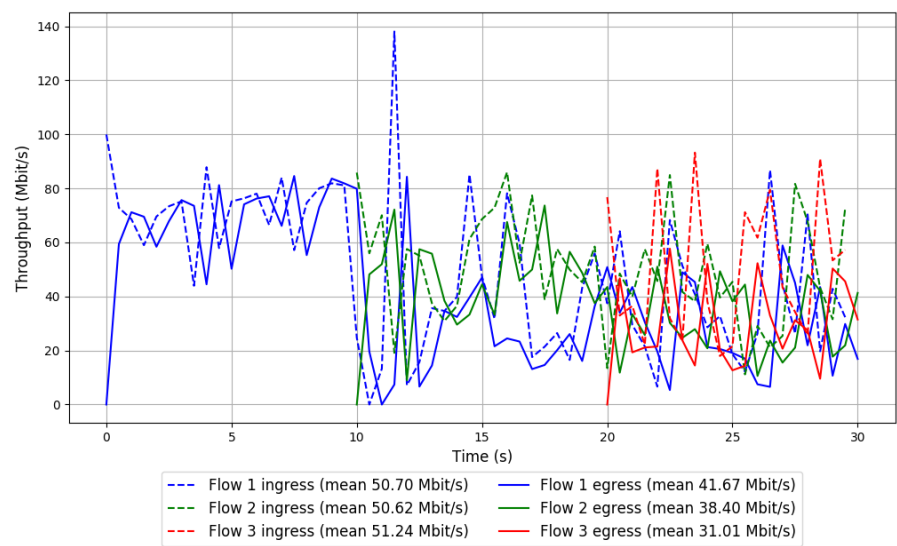


Run 10: Statistics of Verus

Start at: 2018-07-17 19:33:06
End at: 2018-07-17 19:33:36
Local clock offset: -4.546 ms
Remote clock offset: 20.736 ms

Below is generated by plot.py at 2018-07-17 20:17:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.04 Mbit/s
95th percentile per-packet one-way delay: 38.990 ms
Loss rate: 23.44%
-- Flow 1:
Average throughput: 41.67 Mbit/s
95th percentile per-packet one-way delay: 37.275 ms
Loss rate: 17.72%
-- Flow 2:
Average throughput: 38.40 Mbit/s
95th percentile per-packet one-way delay: 40.017 ms
Loss rate: 24.10%
-- Flow 3:
Average throughput: 31.01 Mbit/s
95th percentile per-packet one-way delay: 41.265 ms
Loss rate: 39.40%

Run 10: Report of Verus — Data Link

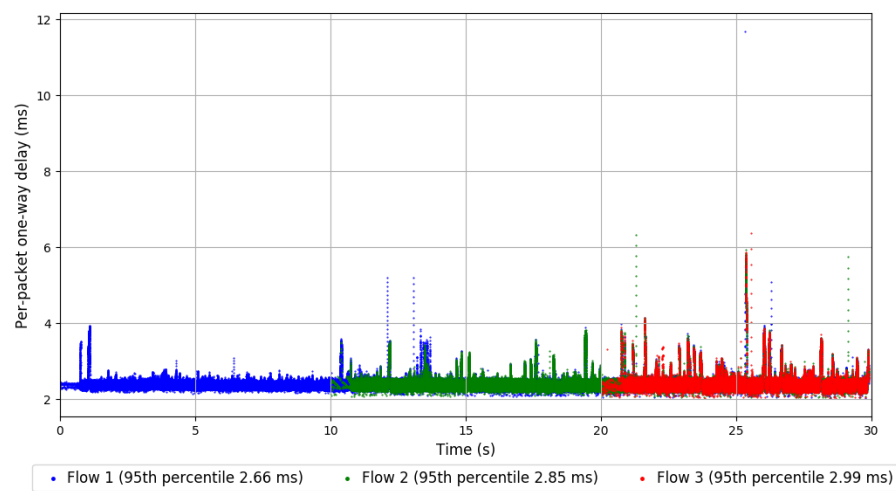
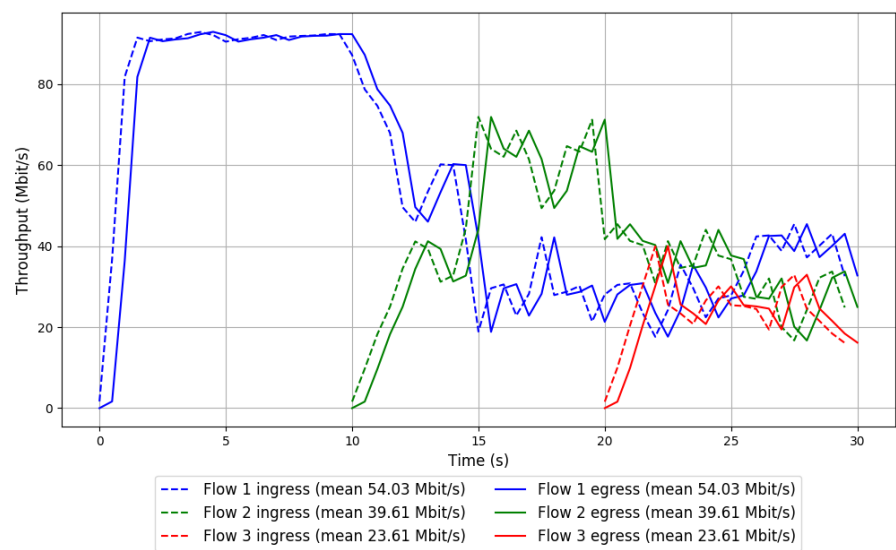


Run 1: Statistics of PCC-Vivace

Start at: 2018-07-17 16:45:51
End at: 2018-07-17 16:46:21
Local clock offset: -5.956 ms
Remote clock offset: -0.893 ms

Below is generated by plot.py at 2018-07-17 20:17:28
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.17 Mbit/s
95th percentile per-packet one-way delay: 2.764 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 54.03 Mbit/s
95th percentile per-packet one-way delay: 2.656 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 39.61 Mbit/s
95th percentile per-packet one-way delay: 2.848 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 23.61 Mbit/s
95th percentile per-packet one-way delay: 2.986 ms
Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link



Run 2: Statistics of PCC-Vivace

Start at: 2018-07-17 17:05:04

End at: 2018-07-17 17:05:34

Local clock offset: -5.904 ms

Remote clock offset: 1.156 ms

Below is generated by plot.py at 2018-07-17 20:18:03

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.73 Mbit/s

95th percentile per-packet one-way delay: 2.911 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 56.09 Mbit/s

95th percentile per-packet one-way delay: 2.671 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 30.63 Mbit/s

95th percentile per-packet one-way delay: 3.290 ms

Loss rate: 0.00%

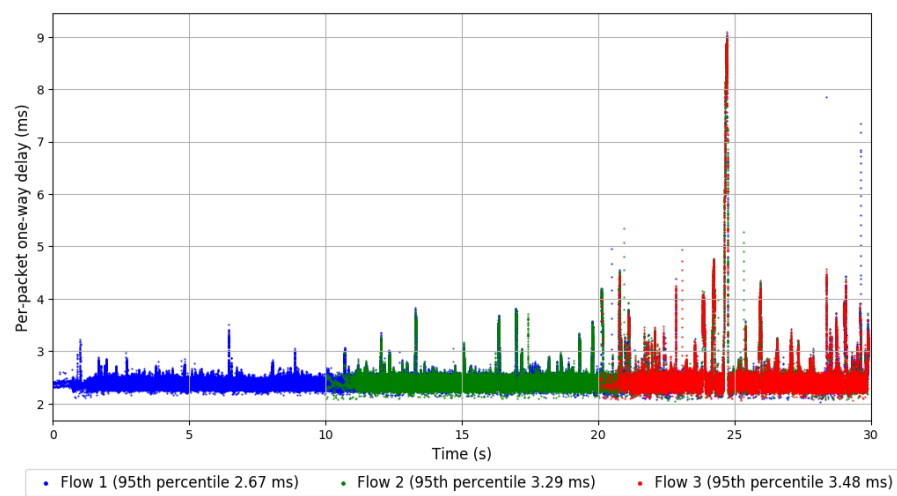
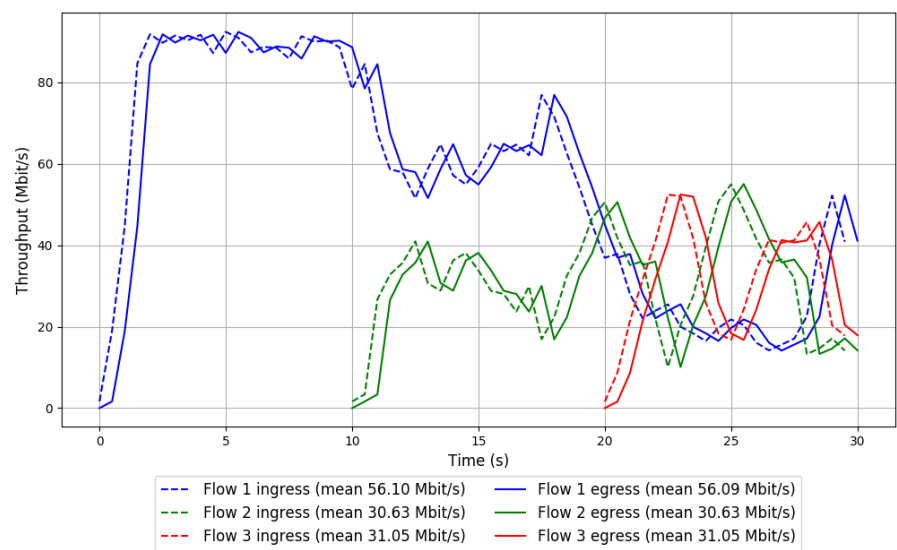
-- Flow 3:

Average throughput: 31.05 Mbit/s

95th percentile per-packet one-way delay: 3.482 ms

Loss rate: 0.00%

Run 2: Report of PCC-Vivace — Data Link

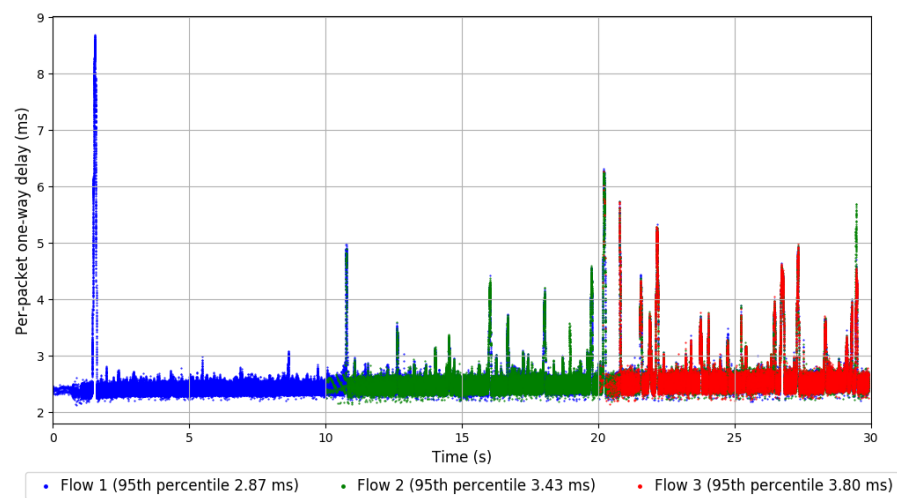
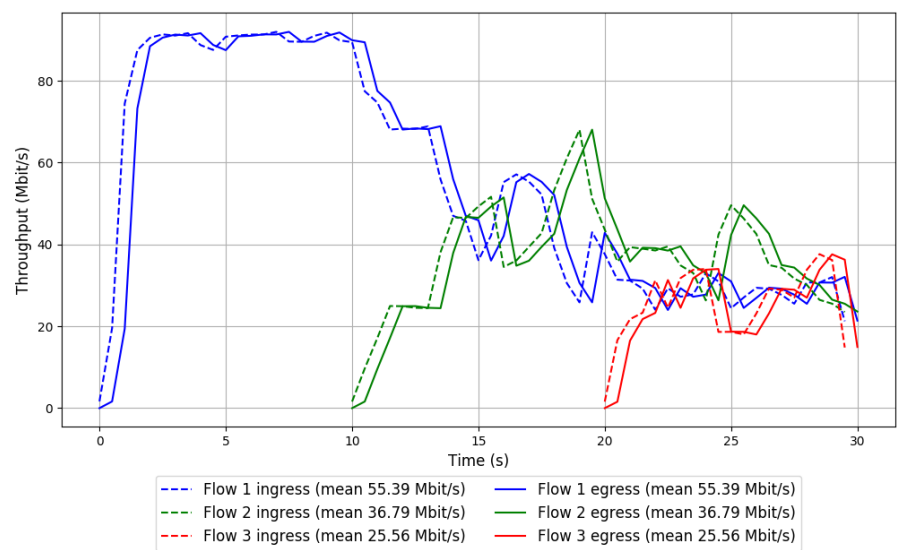


Run 3: Statistics of PCC-Vivace

Start at: 2018-07-17 17:24:16
End at: 2018-07-17 17:24:46
Local clock offset: -5.914 ms
Remote clock offset: -1.769 ms

Below is generated by plot.py at 2018-07-17 20:18:11
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.29 Mbit/s
95th percentile per-packet one-way delay: 3.191 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.39 Mbit/s
95th percentile per-packet one-way delay: 2.869 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 36.79 Mbit/s
95th percentile per-packet one-way delay: 3.429 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 25.56 Mbit/s
95th percentile per-packet one-way delay: 3.798 ms
Loss rate: 0.00%

Run 3: Report of PCC-Vivace — Data Link

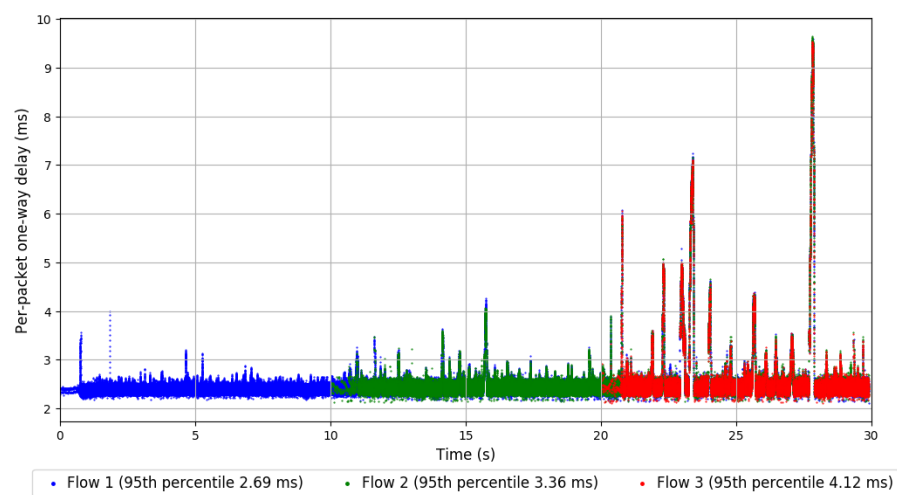
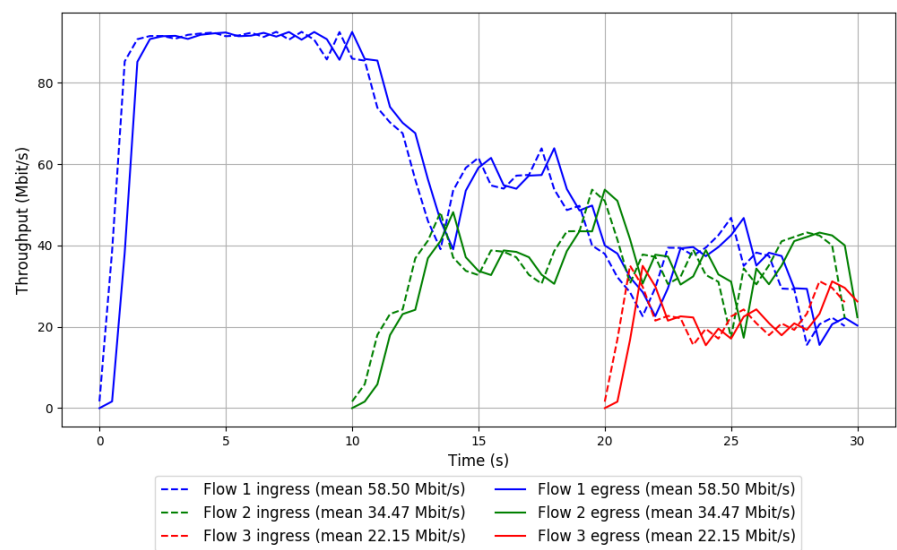


Run 4: Statistics of PCC-Vivace

Start at: 2018-07-17 17:43:28
End at: 2018-07-17 17:43:58
Local clock offset: -5.942 ms
Remote clock offset: -3.408 ms

Below is generated by plot.py at 2018-07-17 20:18:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.75 Mbit/s
95th percentile per-packet one-way delay: 2.920 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 58.50 Mbit/s
95th percentile per-packet one-way delay: 2.694 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.47 Mbit/s
95th percentile per-packet one-way delay: 3.361 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 22.15 Mbit/s
95th percentile per-packet one-way delay: 4.122 ms
Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

Start at: 2018-07-17 18:02:39

End at: 2018-07-17 18:03:09

Local clock offset: -5.627 ms

Remote clock offset: -2.42 ms

Below is generated by plot.py at 2018-07-17 20:18:16

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.41 Mbit/s

95th percentile per-packet one-way delay: 3.052 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 56.62 Mbit/s

95th percentile per-packet one-way delay: 2.665 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 32.05 Mbit/s

95th percentile per-packet one-way delay: 3.272 ms

Loss rate: 0.00%

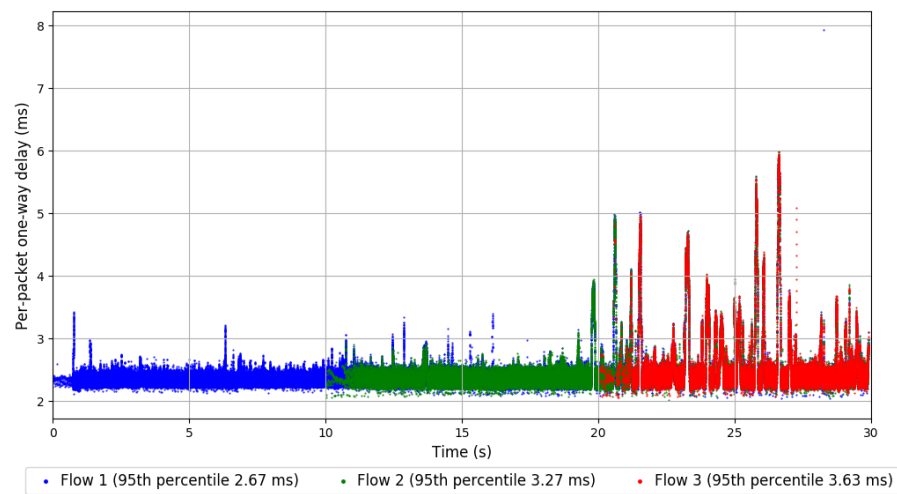
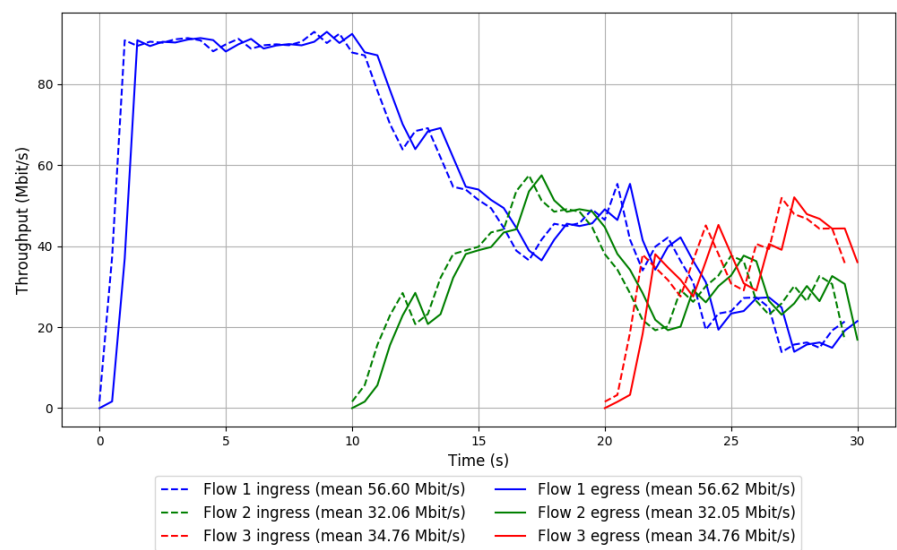
-- Flow 3:

Average throughput: 34.76 Mbit/s

95th percentile per-packet one-way delay: 3.626 ms

Loss rate: 0.00%

Run 5: Report of PCC-Vivace — Data Link

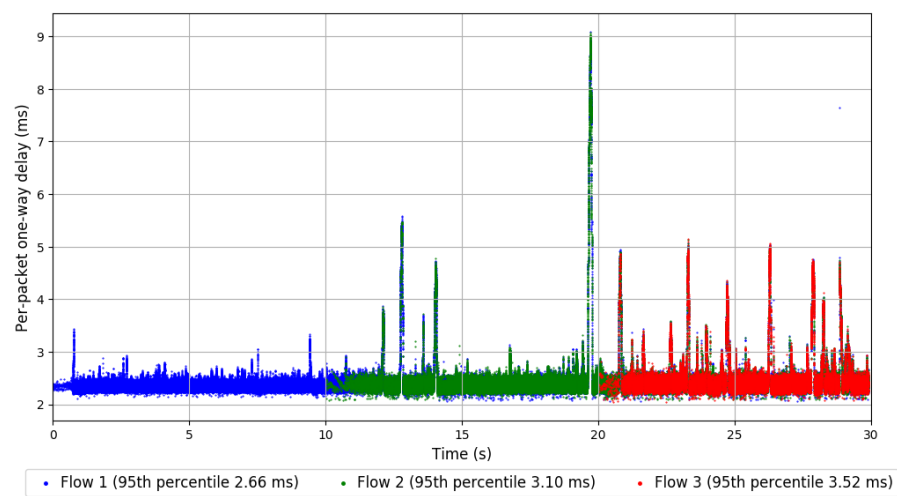
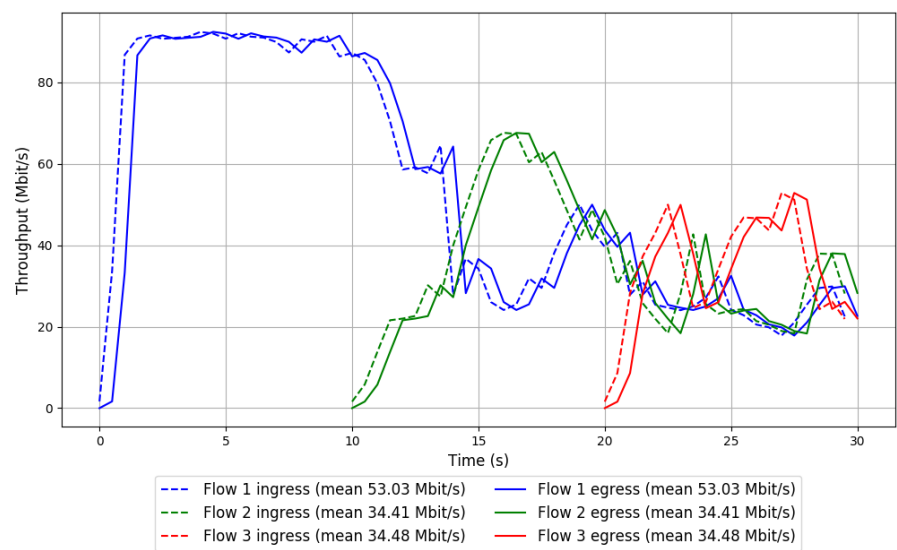


Run 6: Statistics of PCC-Vivace

Start at: 2018-07-17 18:21:52
End at: 2018-07-17 18:22:22
Local clock offset: -5.381 ms
Remote clock offset: -1.985 ms

Below is generated by plot.py at 2018-07-17 20:18:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.31 Mbit/s
95th percentile per-packet one-way delay: 2.894 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 53.03 Mbit/s
95th percentile per-packet one-way delay: 2.659 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 34.41 Mbit/s
95th percentile per-packet one-way delay: 3.101 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 34.48 Mbit/s
95th percentile per-packet one-way delay: 3.525 ms
Loss rate: 0.00%

Run 6: Report of PCC-Vivace — Data Link

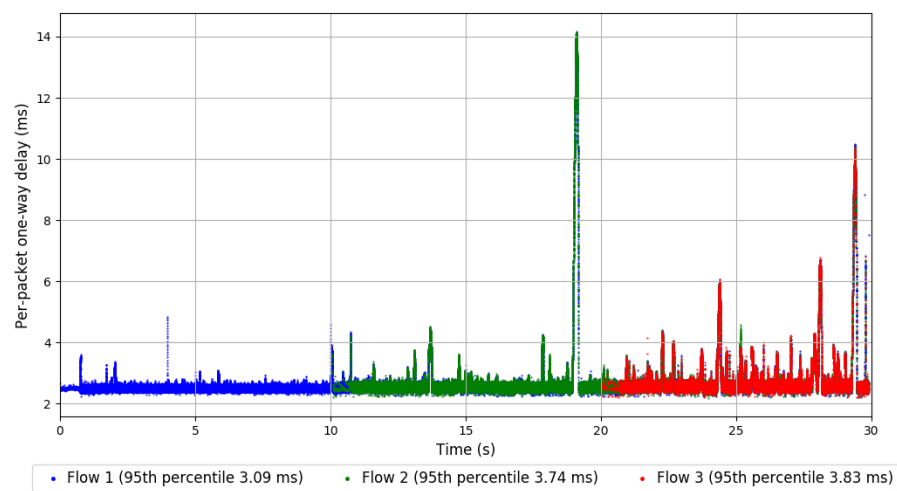
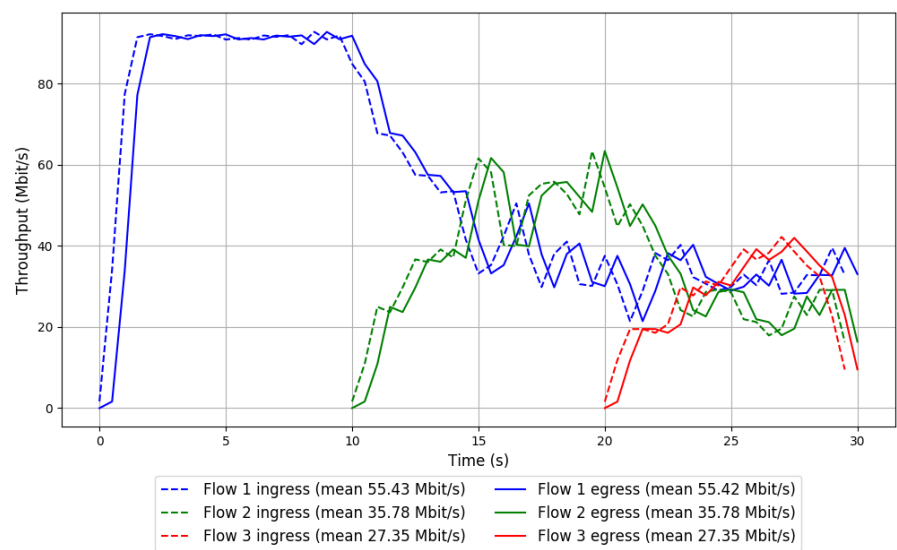


Run 7: Statistics of PCC-Vivace

Start at: 2018-07-17 18:41:03
End at: 2018-07-17 18:41:33
Local clock offset: -5.281 ms
Remote clock offset: -2.017 ms

Below is generated by plot.py at 2018-07-17 20:18:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 88.25 Mbit/s
95th percentile per-packet one-way delay: 3.427 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 55.42 Mbit/s
95th percentile per-packet one-way delay: 3.088 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 35.78 Mbit/s
95th percentile per-packet one-way delay: 3.739 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 27.35 Mbit/s
95th percentile per-packet one-way delay: 3.835 ms
Loss rate: 0.00%

Run 7: Report of PCC-Vivace — Data Link



Run 8: Statistics of PCC-Vivace

Start at: 2018-07-17 19:00:15

End at: 2018-07-17 19:00:45

Local clock offset: -5.441 ms

Remote clock offset: 3.481 ms

Below is generated by plot.py at 2018-07-17 20:18:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.88 Mbit/s

95th percentile per-packet one-way delay: 2.386 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 56.08 Mbit/s

95th percentile per-packet one-way delay: 2.212 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 36.67 Mbit/s

95th percentile per-packet one-way delay: 2.667 ms

Loss rate: 0.00%

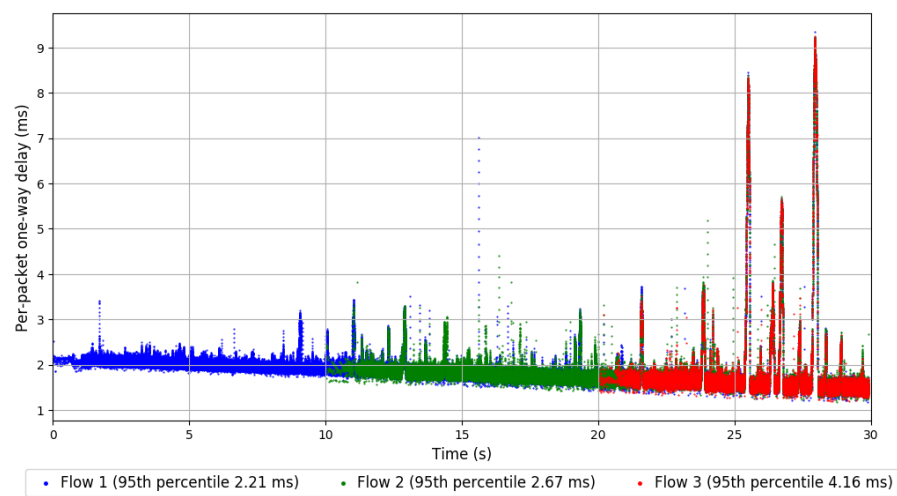
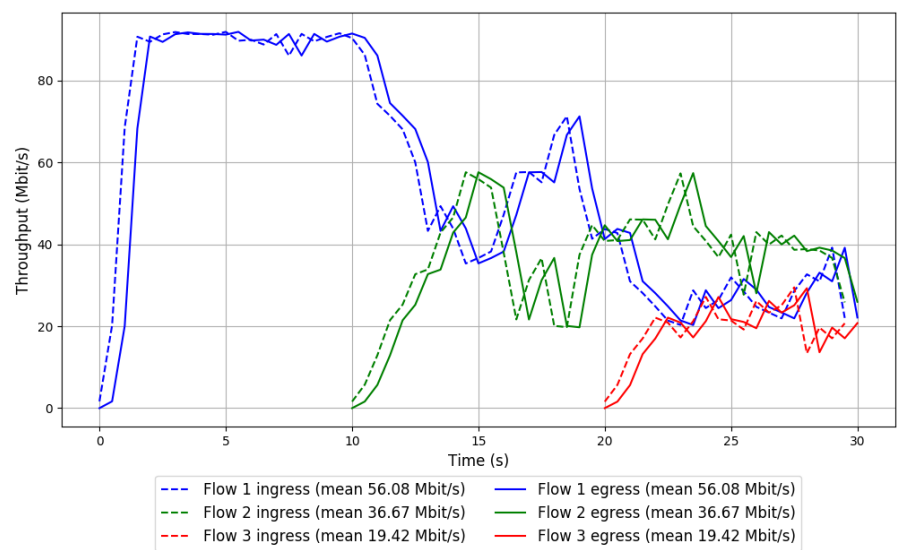
-- Flow 3:

Average throughput: 19.42 Mbit/s

95th percentile per-packet one-way delay: 4.155 ms

Loss rate: 0.00%

Run 8: Report of PCC-Vivace — Data Link

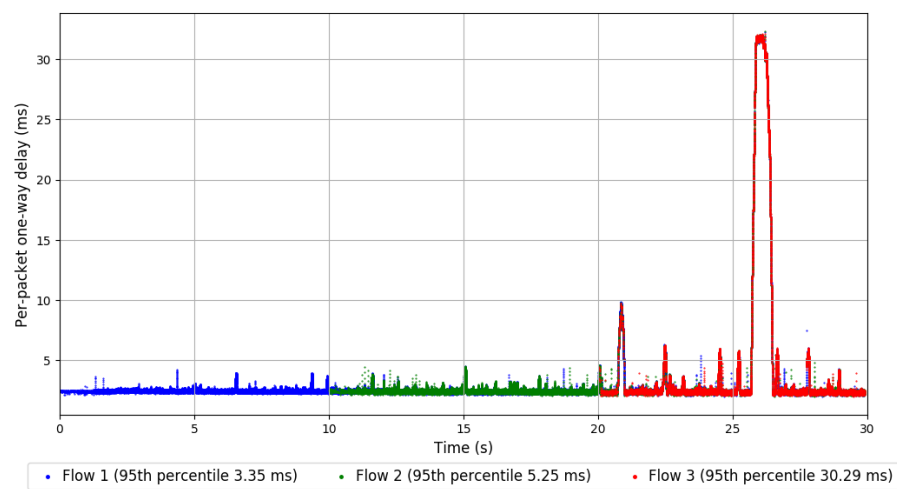
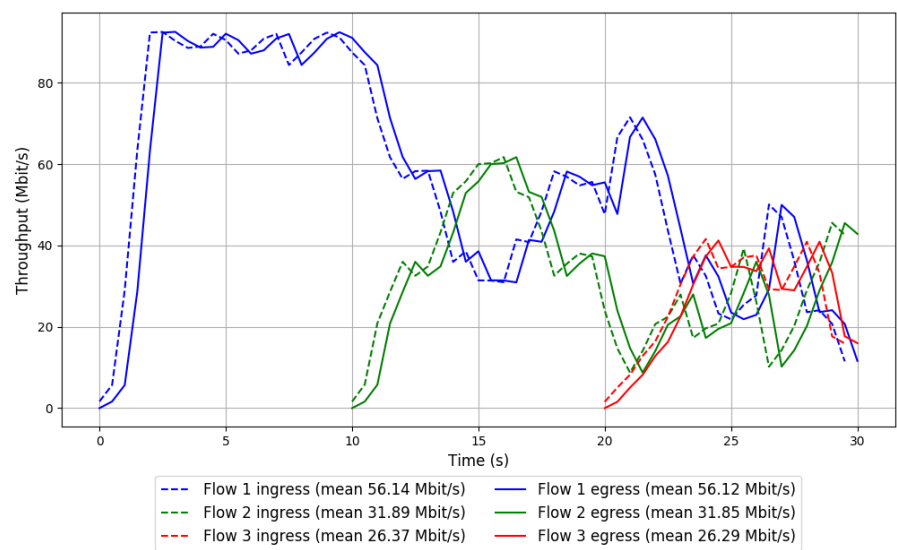


Run 9: Statistics of PCC-Vivace

Start at: 2018-07-17 19:19:27
End at: 2018-07-17 19:19:57
Local clock offset: -6.024 ms
Remote clock offset: 16.837 ms

Below is generated by plot.py at 2018-07-17 20:18:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.99 Mbit/s
95th percentile per-packet one-way delay: 4.771 ms
Loss rate: 0.08%
-- Flow 1:
Average throughput: 56.12 Mbit/s
95th percentile per-packet one-way delay: 3.353 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 31.85 Mbit/s
95th percentile per-packet one-way delay: 5.247 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 26.29 Mbit/s
95th percentile per-packet one-way delay: 30.292 ms
Loss rate: 0.31%

Run 9: Report of PCC-Vivace — Data Link

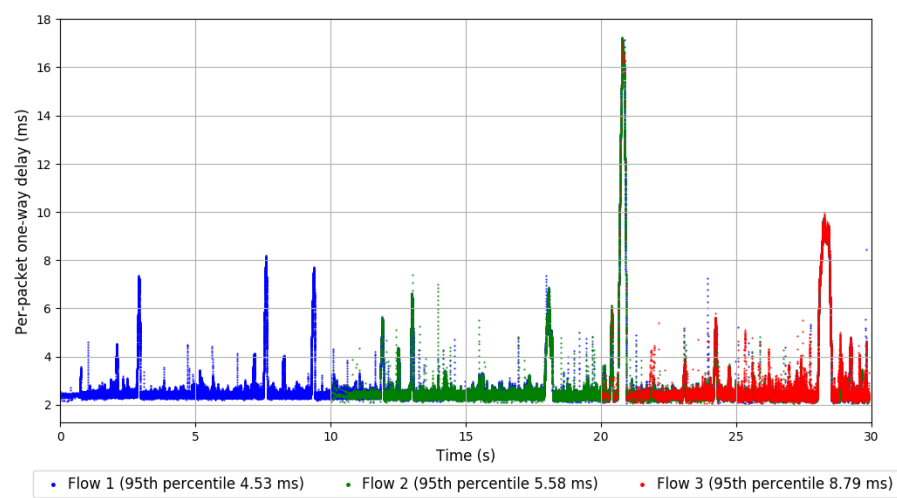
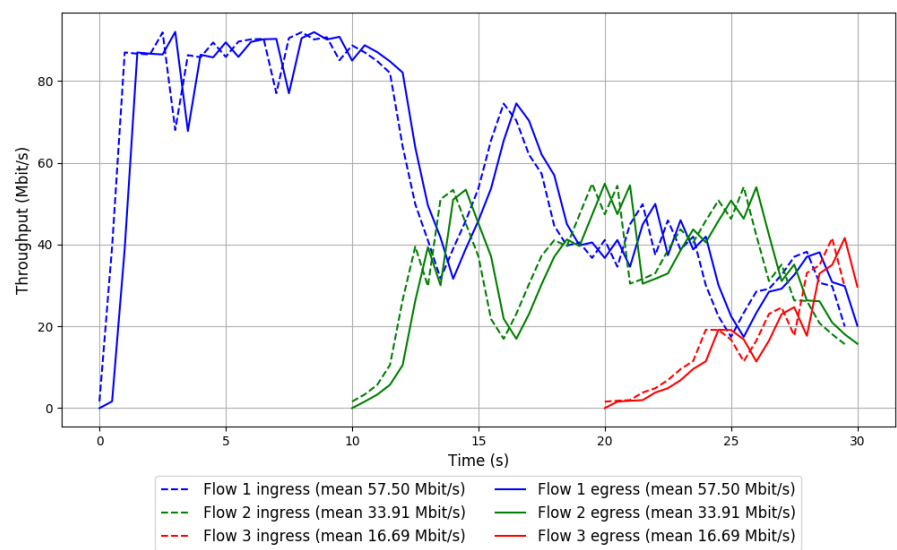


Run 10: Statistics of PCC-Vivace

Start at: 2018-07-17 19:38:48
End at: 2018-07-17 19:39:18
Local clock offset: -6.217 ms
Remote clock offset: 22.096 ms

Below is generated by plot.py at 2018-07-17 20:18:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.56 Mbit/s
95th percentile per-packet one-way delay: 5.123 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 57.50 Mbit/s
95th percentile per-packet one-way delay: 4.525 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 33.91 Mbit/s
95th percentile per-packet one-way delay: 5.577 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 16.69 Mbit/s
95th percentile per-packet one-way delay: 8.791 ms
Loss rate: 0.01%

Run 10: Report of PCC-Vivace — Data Link



Run 1: Statistics of WebRTC media

Start at: 2018-07-17 16:52:33

End at: 2018-07-17 16:53:03

Local clock offset: -5.972 ms

Remote clock offset: 0.024 ms

Below is generated by plot.py at 2018-07-17 20:18:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.77 Mbit/s

95th percentile per-packet one-way delay: 6.153 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.01 Mbit/s

95th percentile per-packet one-way delay: 5.621 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.33 Mbit/s

95th percentile per-packet one-way delay: 6.602 ms

Loss rate: 0.00%

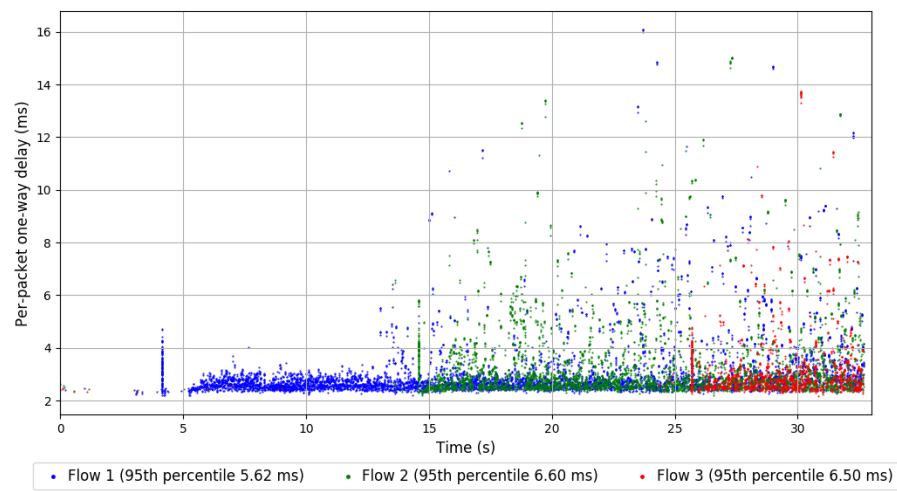
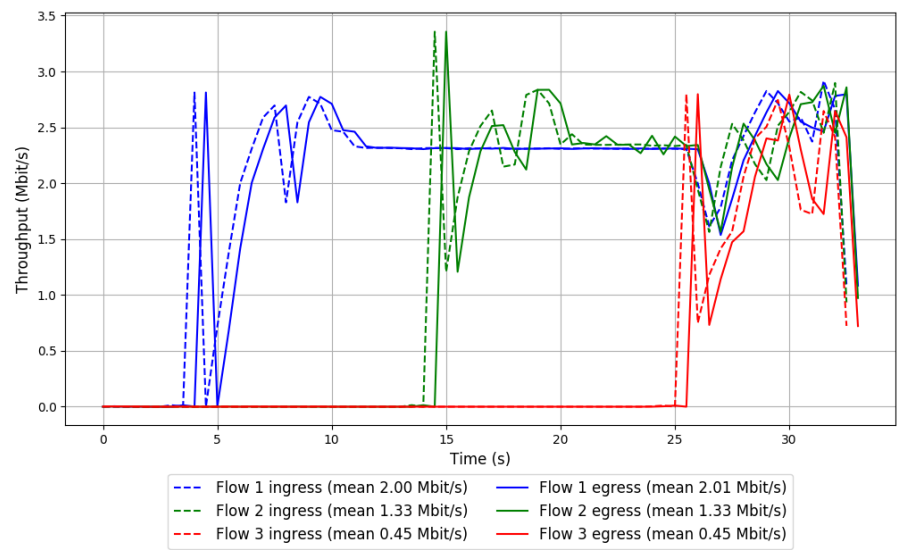
-- Flow 3:

Average throughput: 0.45 Mbit/s

95th percentile per-packet one-way delay: 6.504 ms

Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link



Run 2: Statistics of WebRTC media

Start at: 2018-07-17 17:11:46

End at: 2018-07-17 17:12:16

Local clock offset: -5.905 ms

Remote clock offset: 1.609 ms

Below is generated by plot.py at 2018-07-17 20:18:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 2.81 Mbit/s

95th percentile per-packet one-way delay: 5.759 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.00 Mbit/s

95th percentile per-packet one-way delay: 5.411 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.35 Mbit/s

95th percentile per-packet one-way delay: 5.903 ms

Loss rate: 0.00%

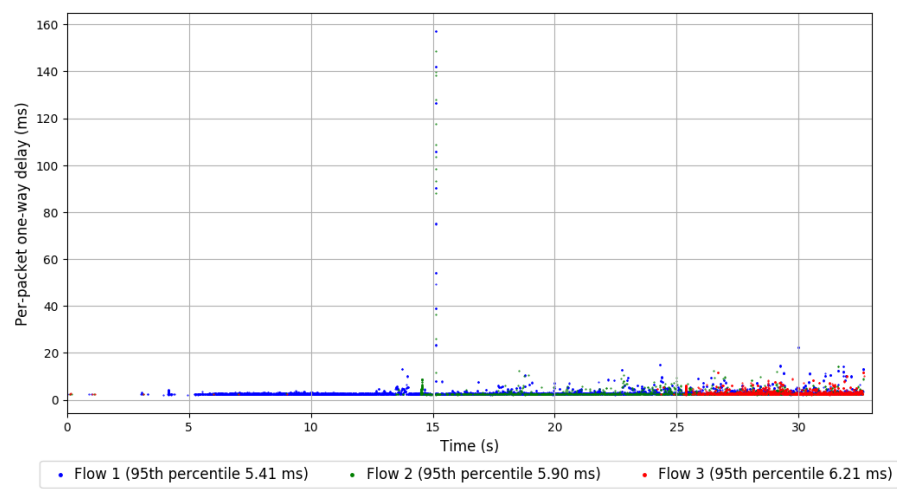
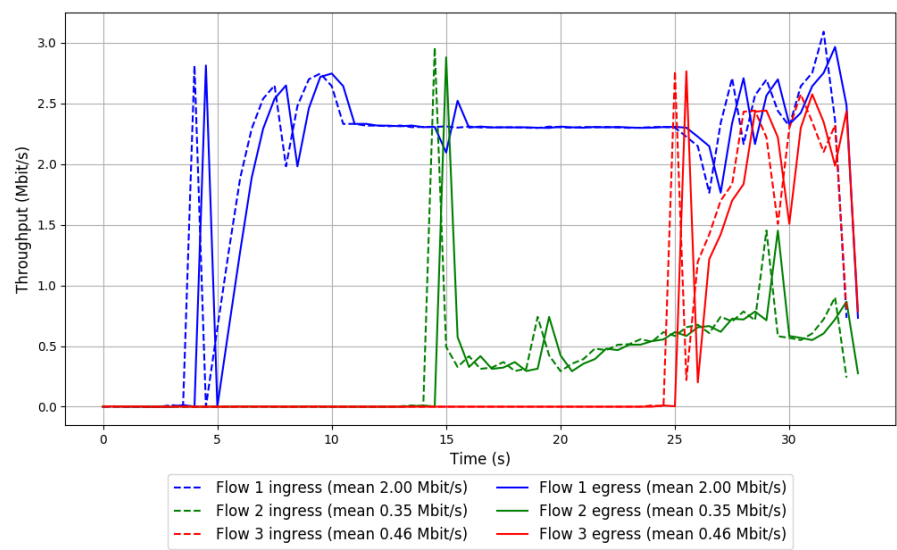
-- Flow 3:

Average throughput: 0.46 Mbit/s

95th percentile per-packet one-way delay: 6.214 ms

Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link

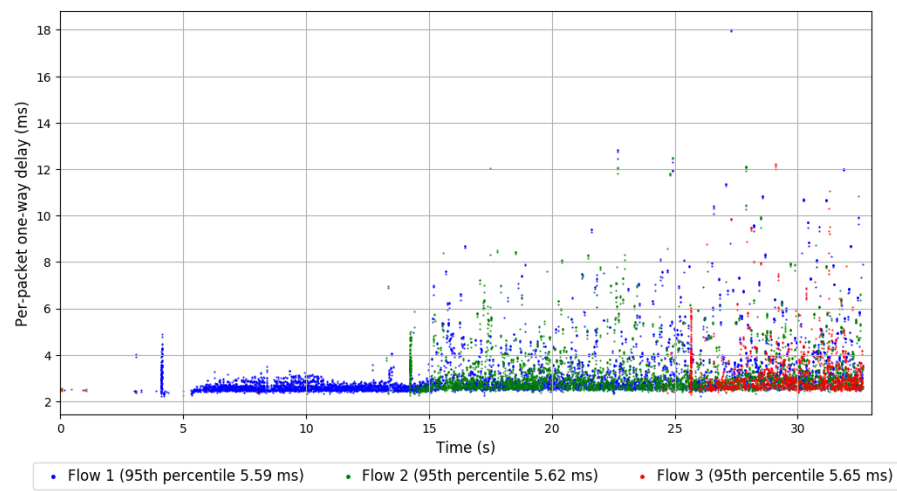
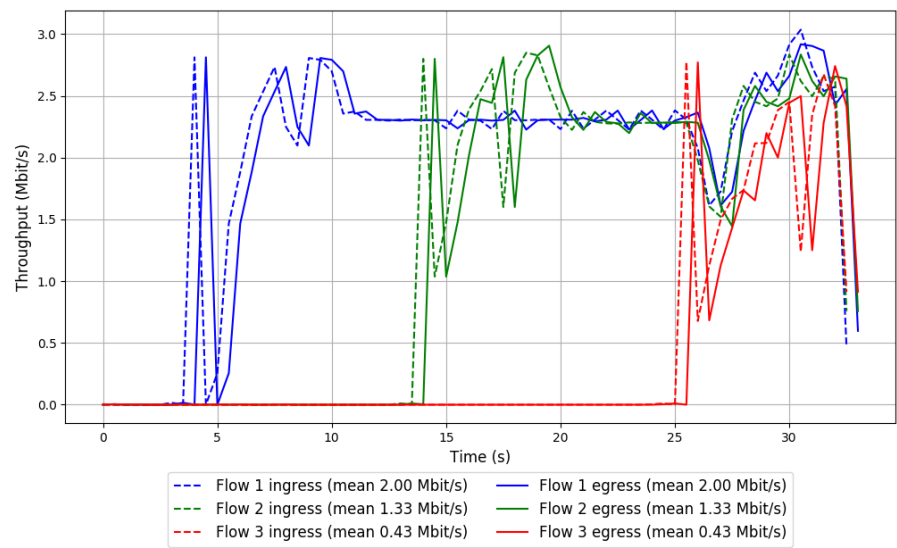


Run 3: Statistics of WebRTC media

Start at: 2018-07-17 17:30:57
End at: 2018-07-17 17:31:27
Local clock offset: -5.888 ms
Remote clock offset: -2.607 ms

Below is generated by plot.py at 2018-07-17 20:18:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.75 Mbit/s
95th percentile per-packet one-way delay: 5.616 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 5.595 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 5.622 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 5.653 ms
Loss rate: 0.00%

Run 3: Report of WebRTC media — Data Link

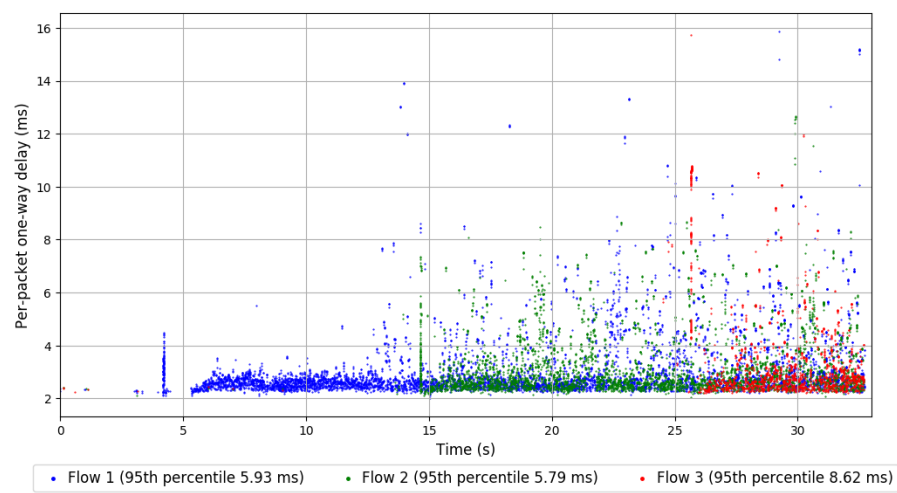
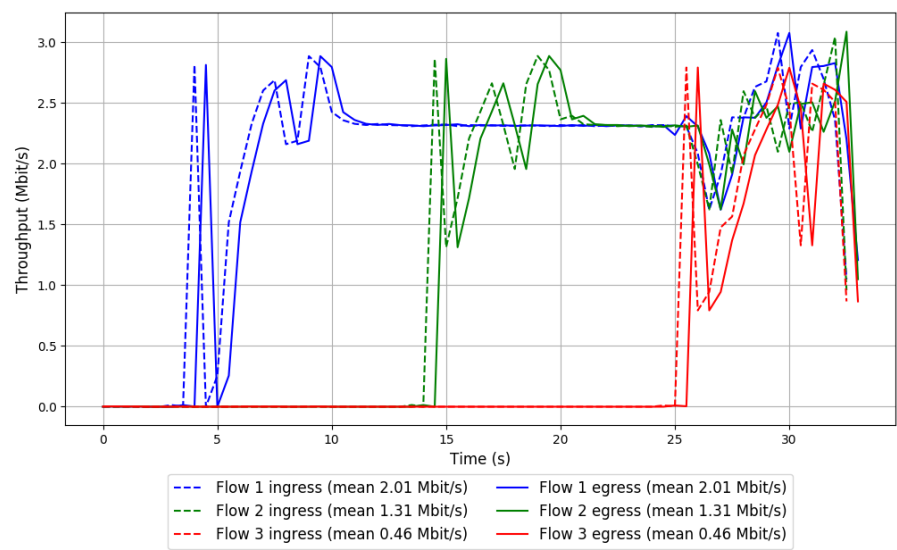


Run 4: Statistics of WebRTC media

Start at: 2018-07-17 17:50:09
End at: 2018-07-17 17:50:39
Local clock offset: -5.892 ms
Remote clock offset: -3.346 ms

Below is generated by plot.py at 2018-07-17 20:18:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.76 Mbit/s
95th percentile per-packet one-way delay: 6.074 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 5.932 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 5.790 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 8.618 ms
Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link



Run 5: Statistics of WebRTC media

Start at: 2018-07-17 18:09:21

End at: 2018-07-17 18:09:51

Local clock offset: -5.519 ms

Remote clock offset: -2.21 ms

Below is generated by plot.py at 2018-07-17 20:18:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.79 Mbit/s

95th percentile per-packet one-way delay: 5.648 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.01 Mbit/s

95th percentile per-packet one-way delay: 5.440 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.33 Mbit/s

95th percentile per-packet one-way delay: 5.872 ms

Loss rate: 0.00%

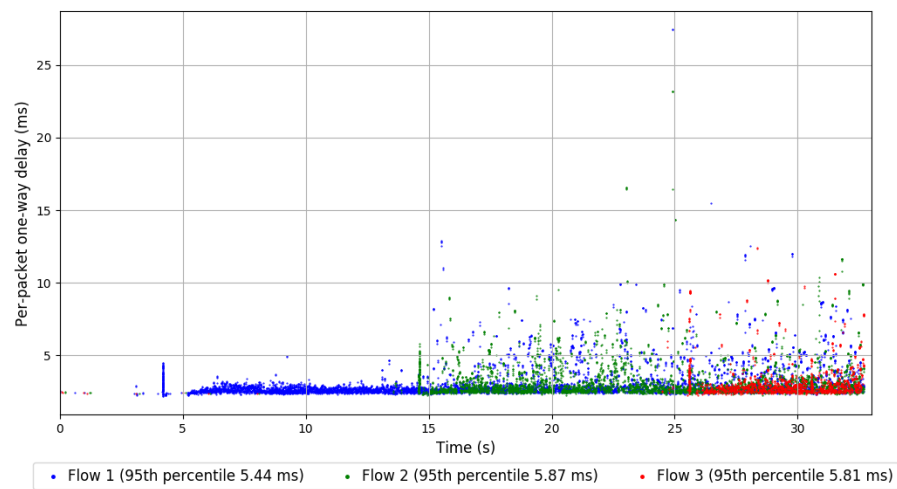
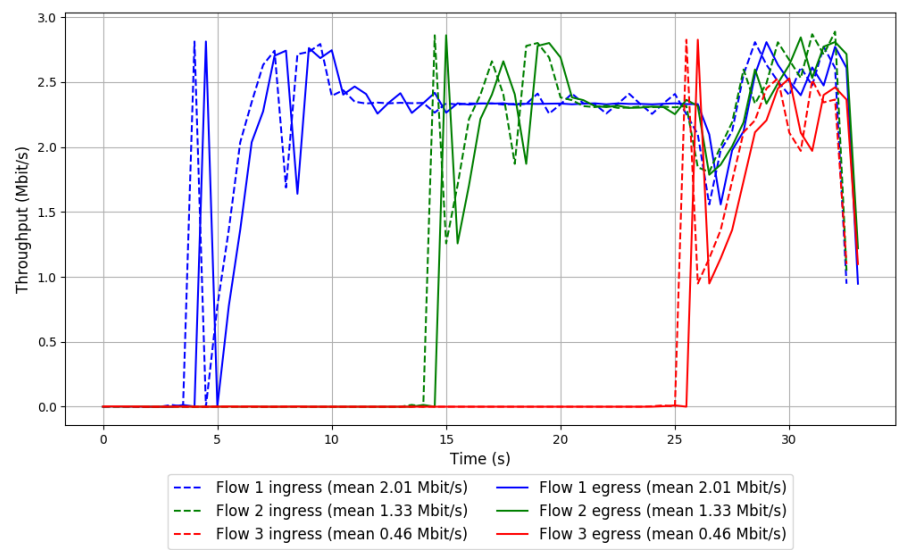
-- Flow 3:

Average throughput: 0.46 Mbit/s

95th percentile per-packet one-way delay: 5.813 ms

Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link



Run 6: Statistics of WebRTC media

Start at: 2018-07-17 18:28:33

End at: 2018-07-17 18:29:03

Local clock offset: -5.374 ms

Remote clock offset: -2.05 ms

Below is generated by plot.py at 2018-07-17 20:18:39

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.78 Mbit/s

95th percentile per-packet one-way delay: 6.065 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 2.00 Mbit/s

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

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.33 Mbit/s

95th percentile per-packet one-way delay: 5.418 ms

Loss rate: 0.00%

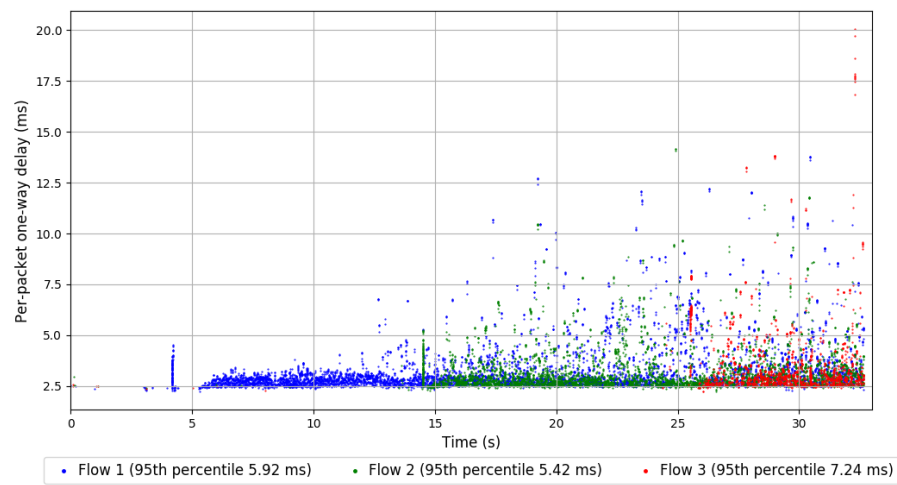
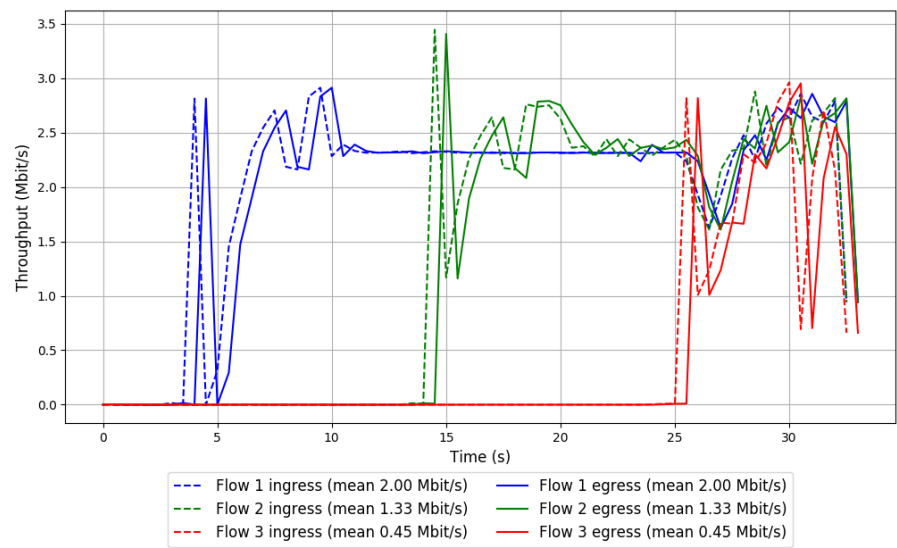
-- Flow 3:

Average throughput: 0.45 Mbit/s

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

Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

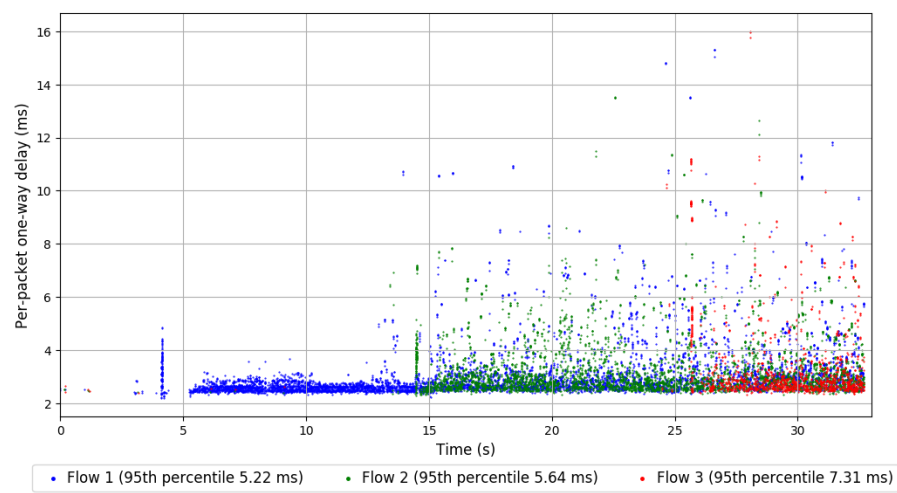
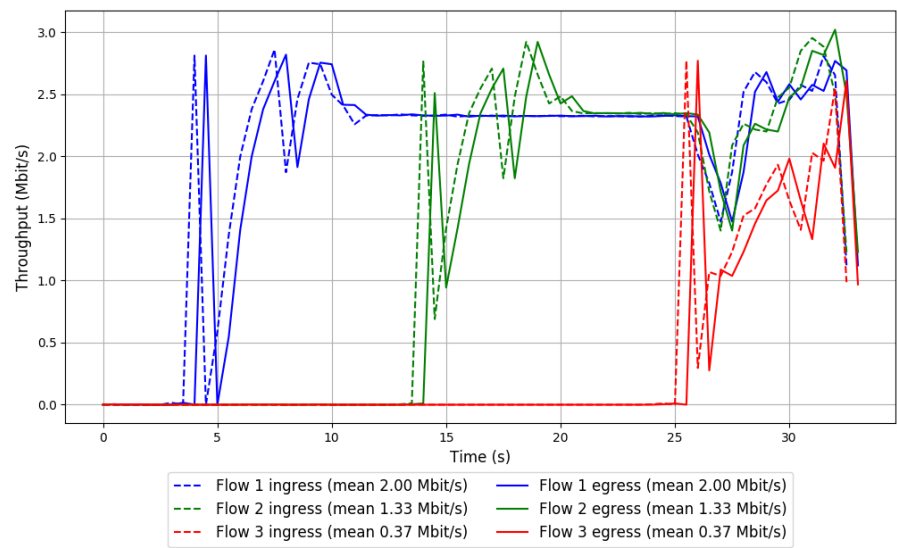


Run 7: Statistics of WebRTC media

Start at: 2018-07-17 18:47:45
End at: 2018-07-17 18:48:15
Local clock offset: -5.147 ms
Remote clock offset: -1.969 ms

Below is generated by plot.py at 2018-07-17 20:18:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.69 Mbit/s
95th percentile per-packet one-way delay: 5.640 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 2.00 Mbit/s
95th percentile per-packet one-way delay: 5.216 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 5.638 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 7.310 ms
Loss rate: 0.08%

Run 7: Report of WebRTC media — Data Link

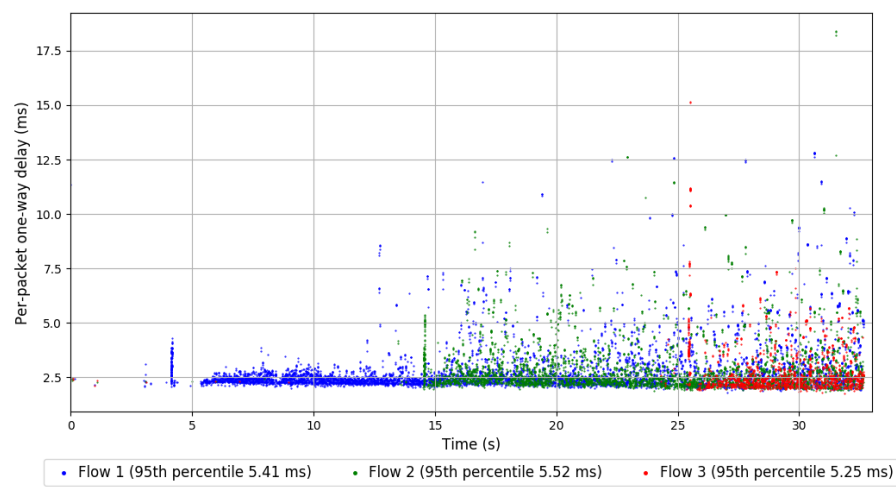
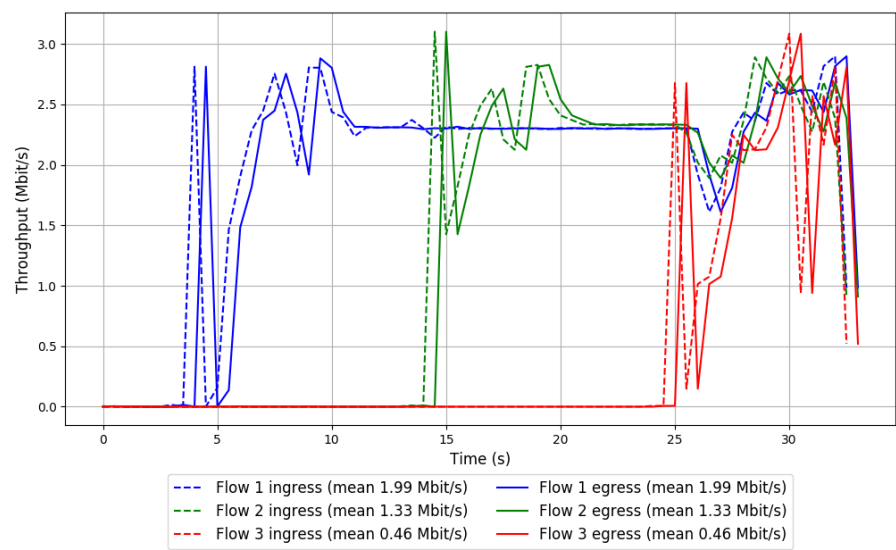


Run 8: Statistics of WebRTC media

Start at: 2018-07-17 19:06:56
End at: 2018-07-17 19:07:26
Local clock offset: -5.791 ms
Remote clock offset: 10.428 ms

Below is generated by plot.py at 2018-07-17 20:18:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.77 Mbit/s
95th percentile per-packet one-way delay: 5.470 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.99 Mbit/s
95th percentile per-packet one-way delay: 5.413 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 5.519 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.46 Mbit/s
95th percentile per-packet one-way delay: 5.250 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

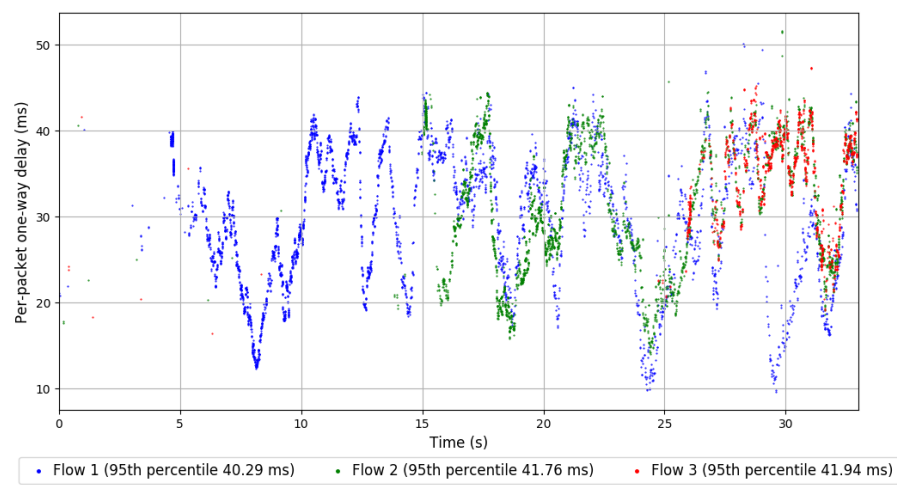
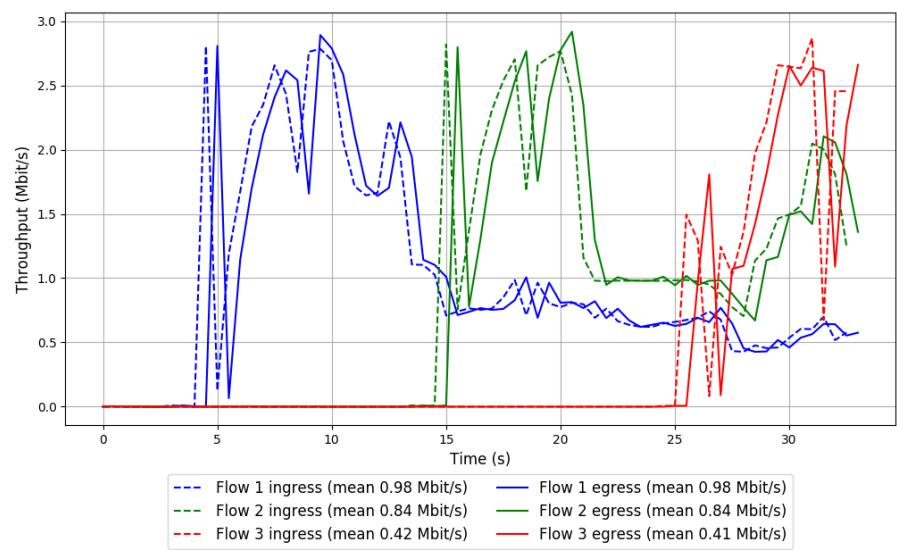


Run 9: Statistics of WebRTC media

Start at: 2018-07-17 19:26:15
End at: 2018-07-17 19:26:45
Local clock offset: 4.777 ms
Remote clock offset: 18.916 ms

Below is generated by plot.py at 2018-07-17 20:18:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 2.22 Mbit/s
95th percentile per-packet one-way delay: 41.285 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 0.98 Mbit/s
95th percentile per-packet one-way delay: 40.288 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 0.84 Mbit/s
95th percentile per-packet one-way delay: 41.764 ms
Loss rate: 0.03%
-- Flow 3:
Average throughput: 0.41 Mbit/s
95th percentile per-packet one-way delay: 41.941 ms
Loss rate: 0.72%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-07-17 19:45:29
End at: 2018-07-17 19:45:59
Local clock offset: -6.292 ms
Remote clock offset: 23.598 ms

Below is generated by plot.py at 2018-07-17 20:18:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.70 Mbit/s
95th percentile per-packet one-way delay: 5.964 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 2.01 Mbit/s
95th percentile per-packet one-way delay: 6.238 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.33 Mbit/s
95th percentile per-packet one-way delay: 5.572 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 6.148 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

