

Pantheon Report

Generated at 2018-08-01 11:36:22 (UTC).

Data path: AWS Brazil 2 Ethernet (*local*) → Colombia 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.

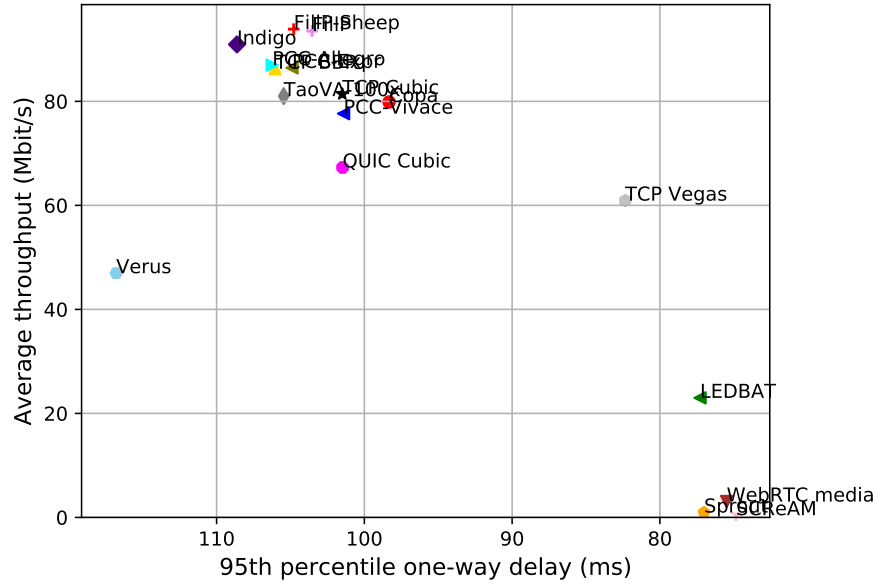
Increased UDP receive buffer to 16 MB (default) and 32 MB (max).

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

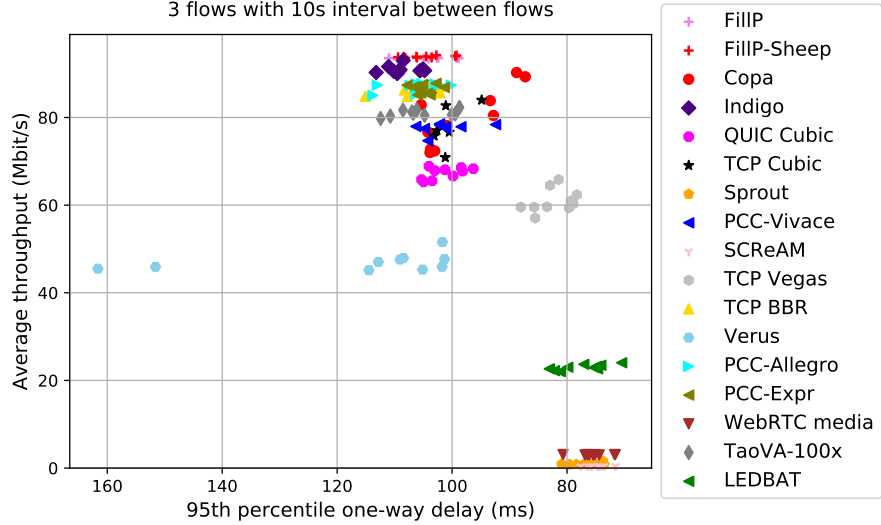
Git summary:

```
branch: master @ 640164b5b17c7c6561fff57729b3b5935d8596ce
third_party/fillp @ d47f4fa1b454a5e3c0537115c5a28436dbd4b834
third_party/fillp-sheep @ daed0c84f98531712514b2231f43ec6901114ffe
third_party/genericCC @ d0153f8e594aa89e93b032143cedbdf90c077e64d
third_party/indigo @ 2601c92e4aa9d58d38dc4dfe0ecdbf90c077e64d
third_party/libutp @ b3465b942e2826f2b179eaab4a906ce6bb7cf3cf
third_party/pantheon-tunnel @ 6f038ed31259d366f9840f65b82cbe8f464b1b39
third_party/pcc @ 1afc958fa0d66d18b623c091a55fec872b4981e1
M receiver/src/buffer.h
M receiver/src/core.cpp
M sender/src/buffer.h
M sender/src/core.cpp
third_party/pcc-experimental @ cd43e34e3f5f5613e8acd08fab92c4eb24f974ab
third_party/proto-quick @ 77961f1a82733a86b42f1bc8143ebc978f3cff42
third_party/scream-reproduce @ f099118d1421aa3131bf11ff1964974e1da3bdb2
M src/ScreamClient
M src/ScreamServer
third_party/sprout @ 366e35c6178b01e31d4a46ad18c74f9415f19a26
third_party/verus @ d4b447ea74c6c60a261149af2629562939f9a494
M src/verus.hpp
M tools/plot.py
third_party/vivace @ 2baf86211435ae071a32f96b7d8c504587f5d7f4
third_party/webRTC @ 3f0cc2a9061a41b6f9dde4735770d143a1fa2851
```

test from AWS Brazil 2 to Colombia, 10 runs of 30s each per scheme
3 flows with 10s interval between flows (mean of all runs by scheme)



test from AWS Brazil 2 to Colombia, 10 runs of 30s each per scheme
3 flows with 10s interval between flows



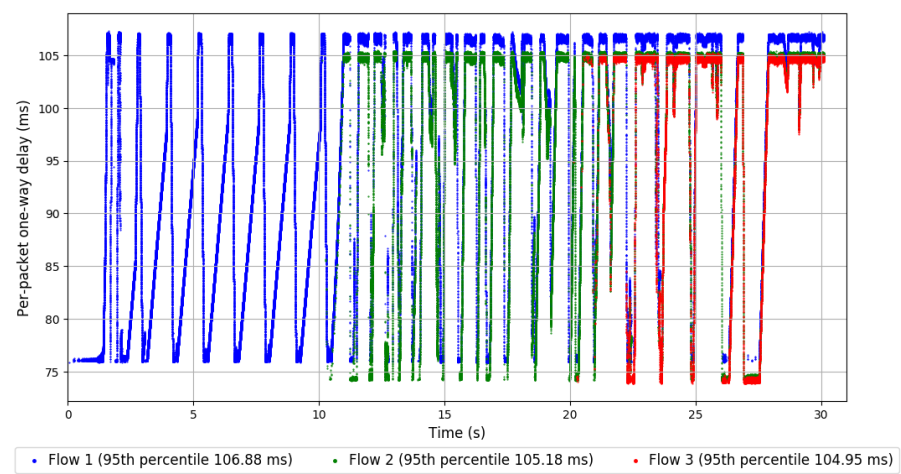
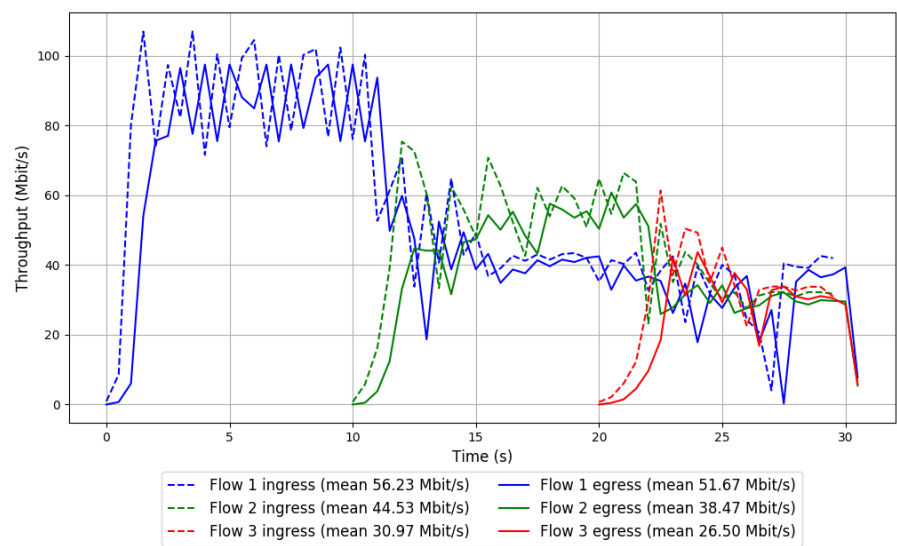
scheme	# runs	mean avg tput (Mbit/s)			mean 95th-%ile delay (ms)			mean loss rate (%)		
		flow 1	flow 2	flow 3	flow 1	flow 2	flow 3	flow 1	flow 2	flow 3
TCP BBR	10	54.81	35.18	24.22	105.23	104.50	103.31	8.55	12.71	14.18
Copa	10	62.48	19.17	13.99	98.69	93.66	91.57	2.41	0.88	0.69
TCP Cubic	10	49.60	36.66	22.22	100.27	102.73	101.99	0.47	0.57	0.84
FillP	10	60.38	37.59	24.49	102.00	102.50	103.51	16.98	20.91	18.75
FillP-Sheep	10	55.67	40.21	34.54	103.41	102.83	102.32	15.53	26.59	29.58
Indigo	10	61.87	32.04	24.38	107.17	106.09	107.23	4.30	13.57	23.55
LEDBAT	10	14.72	10.03	4.85	77.12	76.04	76.53	0.01	0.01	0.00
PCC-Allegro	10	79.25	7.82	7.58	106.22	105.57	104.30	2.52	5.06	5.35
PCC-Expr	10	75.23	13.25	7.35	104.53	104.20	104.16	3.75	3.85	6.05
QUIC Cubic	10	44.32	28.51	12.42	101.40	99.89	100.42	1.21	0.66	3.32
SCReAM	10	0.22	0.22	0.22	72.77	73.35	72.30	0.00	0.00	0.00
Sprout	10	0.40	0.51	0.62	75.03	75.30	77.44	0.00	0.00	0.12
TaoVA-100x	10	49.18	33.80	28.16	104.10	104.96	104.79	3.91	8.55	9.10
TCP Vegas	10	28.58	33.95	29.25	80.70	83.81	83.49	0.49	0.55	0.75
Verus	10	24.67	24.05	20.10	106.00	115.26	106.60	25.08	33.73	29.34
PCC-Vivace	10	65.06	14.89	8.64	101.56	101.00	97.19	0.29	0.75	1.19
WebRTC media	10	1.75	1.06	0.26	74.17	73.99	75.41	0.01	0.00	0.01

Run 1: Statistics of TCP BBR

Start at: 2018-08-01 08:02:05
End at: 2018-08-01 08:02:35
Local clock offset: -4.803 ms
Remote clock offset: 17.267 ms

Below is generated by plot.py at 2018-08-01 11:16:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.08 Mbit/s
95th percentile per-packet one-way delay: 106.809 ms
Loss rate: 10.42%
-- Flow 1:
Average throughput: 51.67 Mbit/s
95th percentile per-packet one-way delay: 106.879 ms
Loss rate: 8.03%
-- Flow 2:
Average throughput: 38.47 Mbit/s
95th percentile per-packet one-way delay: 105.180 ms
Loss rate: 13.60%
-- Flow 3:
Average throughput: 26.50 Mbit/s
95th percentile per-packet one-way delay: 104.946 ms
Loss rate: 14.34%

Run 1: Report of TCP BBR — Data Link

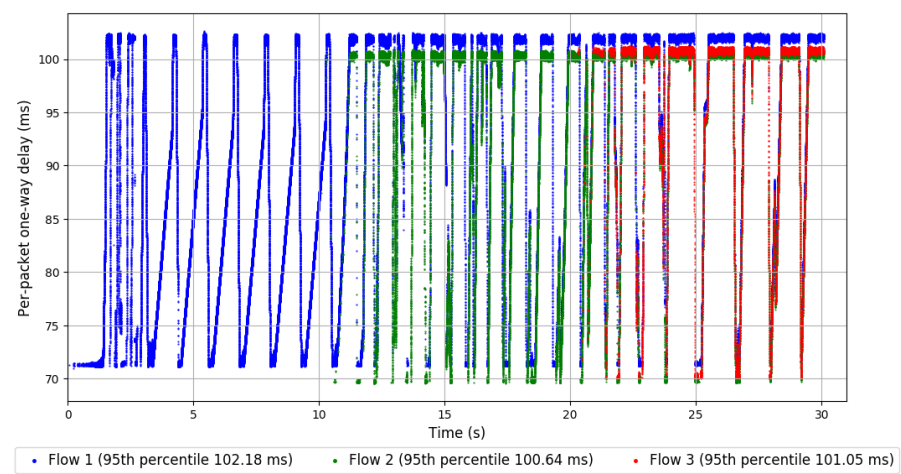
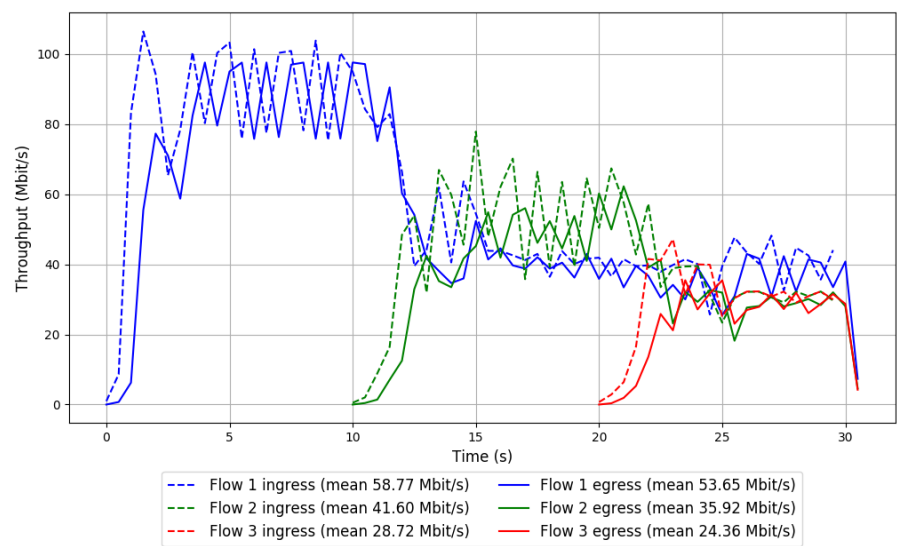


Run 2: Statistics of TCP BBR

Start at: 2018-08-01 08:23:05
End at: 2018-08-01 08:23:35
Local clock offset: -5.97 ms
Remote clock offset: 12.058 ms

Below is generated by plot.py at 2018-08-01 11:16:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.66 Mbit/s
95th percentile per-packet one-way delay: 102.117 ms
Loss rate: 10.72%
-- Flow 1:
Average throughput: 53.65 Mbit/s
95th percentile per-packet one-way delay: 102.178 ms
Loss rate: 8.63%
-- Flow 2:
Average throughput: 35.92 Mbit/s
95th percentile per-packet one-way delay: 100.643 ms
Loss rate: 13.61%
-- Flow 3:
Average throughput: 24.36 Mbit/s
95th percentile per-packet one-way delay: 101.053 ms
Loss rate: 15.19%

Run 2: Report of TCP BBR — Data Link



Run 3: Statistics of TCP BBR

Start at: 2018-08-01 08:44:07

End at: 2018-08-01 08:44:37

Local clock offset: -3.219 ms

Remote clock offset: 7.081 ms

Below is generated by plot.py at 2018-08-01 11:16:32

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.95 Mbit/s

95th percentile per-packet one-way delay: 106.609 ms

Loss rate: 9.27%

-- Flow 1:

Average throughput: 59.22 Mbit/s

95th percentile per-packet one-way delay: 105.597 ms

Loss rate: 8.35%

-- Flow 2:

Average throughput: 31.27 Mbit/s

95th percentile per-packet one-way delay: 106.827 ms

Loss rate: 11.23%

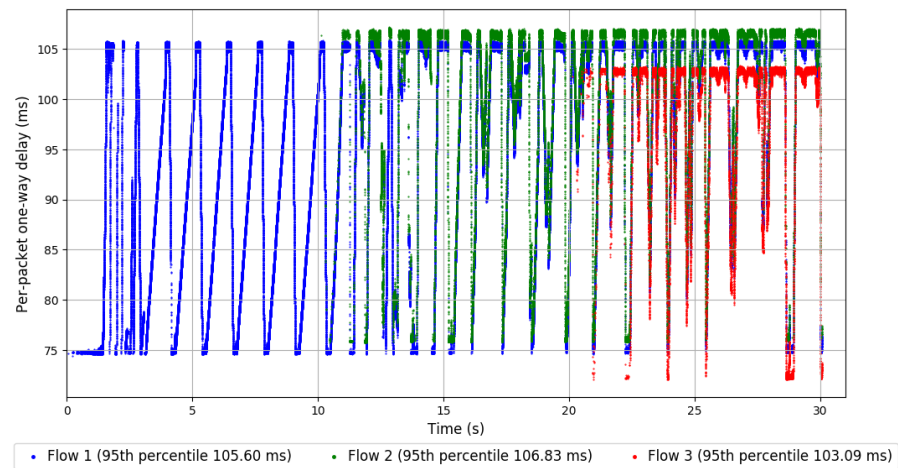
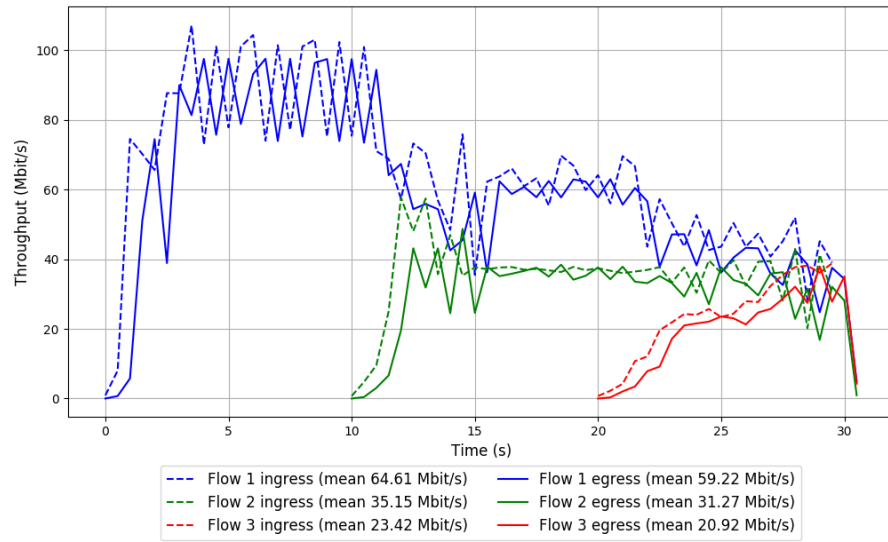
-- Flow 3:

Average throughput: 20.92 Mbit/s

95th percentile per-packet one-way delay: 103.088 ms

Loss rate: 10.98%

Run 3: Report of TCP BBR — Data Link



Run 4: Statistics of TCP BBR

Start at: 2018-08-01 09:05:10

End at: 2018-08-01 09:05:40

Local clock offset: -5.928 ms

Remote clock offset: 3.208 ms

Below is generated by plot.py at 2018-08-01 11:16:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.55 Mbit/s

95th percentile per-packet one-way delay: 103.838 ms

Loss rate: 9.82%

-- Flow 1:

Average throughput: 56.24 Mbit/s

95th percentile per-packet one-way delay: 102.851 ms

Loss rate: 8.19%

-- Flow 2:

Average throughput: 34.55 Mbit/s

95th percentile per-packet one-way delay: 101.883 ms

Loss rate: 11.01%

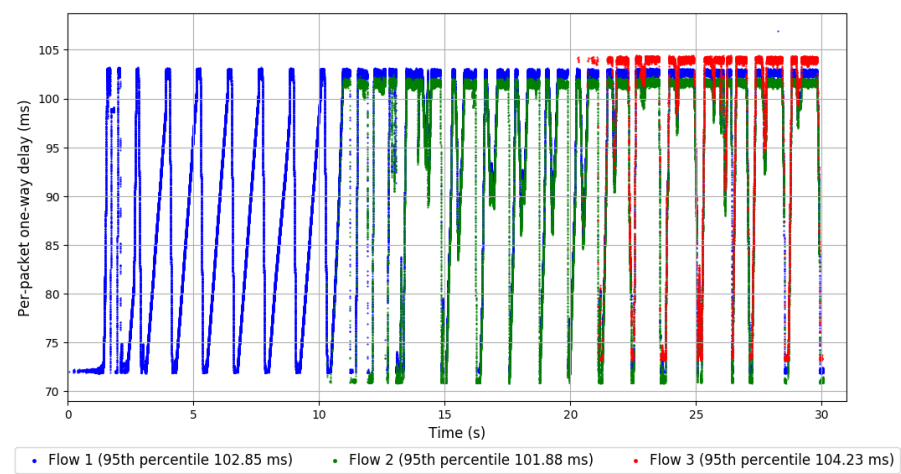
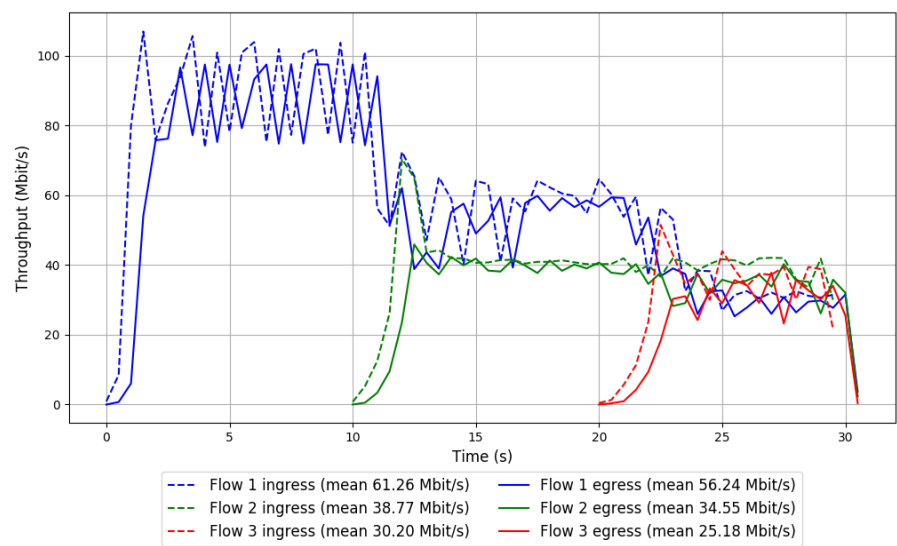
-- Flow 3:

Average throughput: 25.18 Mbit/s

95th percentile per-packet one-way delay: 104.227 ms

Loss rate: 16.72%

Run 4: Report of TCP BBR — Data Link

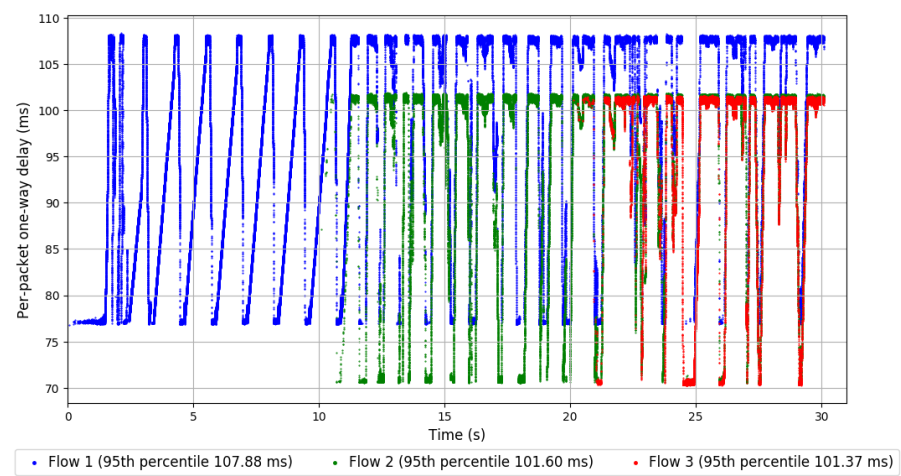
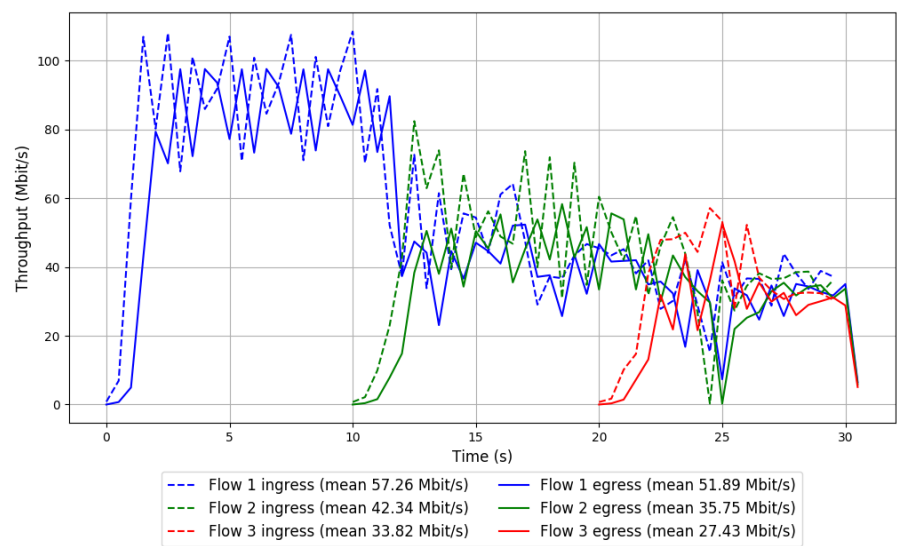


Run 5: Statistics of TCP BBR

Start at: 2018-08-01 09:26:12
End at: 2018-08-01 09:26:42
Local clock offset: -6.502 ms
Remote clock offset: 11.022 ms

Below is generated by plot.py at 2018-08-01 11:16:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.82 Mbit/s
95th percentile per-packet one-way delay: 107.810 ms
Loss rate: 12.23%
-- Flow 1:
Average throughput: 51.89 Mbit/s
95th percentile per-packet one-way delay: 107.878 ms
Loss rate: 9.31%
-- Flow 2:
Average throughput: 35.75 Mbit/s
95th percentile per-packet one-way delay: 101.600 ms
Loss rate: 15.50%
-- Flow 3:
Average throughput: 27.43 Mbit/s
95th percentile per-packet one-way delay: 101.374 ms
Loss rate: 18.89%

Run 5: Report of TCP BBR — Data Link

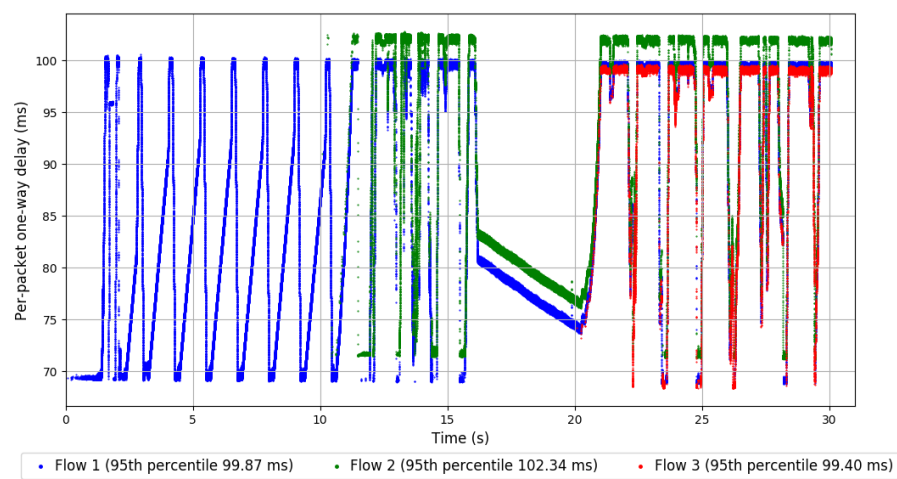
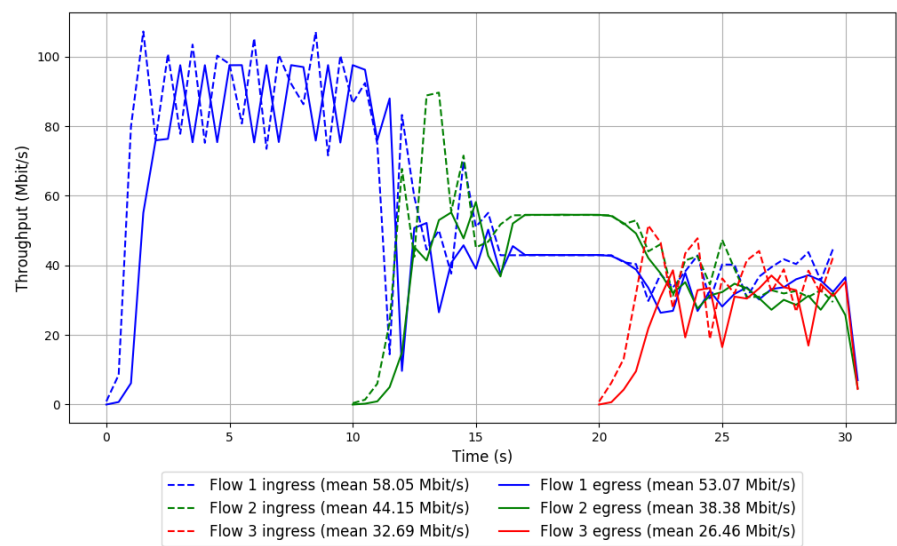


Run 6: Statistics of TCP BBR

Start at: 2018-08-01 09:47:14
End at: 2018-08-01 09:47:44
Local clock offset: -5.658 ms
Remote clock offset: 20.349 ms

Below is generated by plot.py at 2018-08-01 11:16:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.45 Mbit/s
95th percentile per-packet one-way delay: 102.118 ms
Loss rate: 10.99%
-- Flow 1:
Average throughput: 53.07 Mbit/s
95th percentile per-packet one-way delay: 99.873 ms
Loss rate: 8.49%
-- Flow 2:
Average throughput: 38.38 Mbit/s
95th percentile per-packet one-way delay: 102.336 ms
Loss rate: 13.01%
-- Flow 3:
Average throughput: 26.46 Mbit/s
95th percentile per-packet one-way delay: 99.401 ms
Loss rate: 18.85%

Run 6: Report of TCP BBR — Data Link

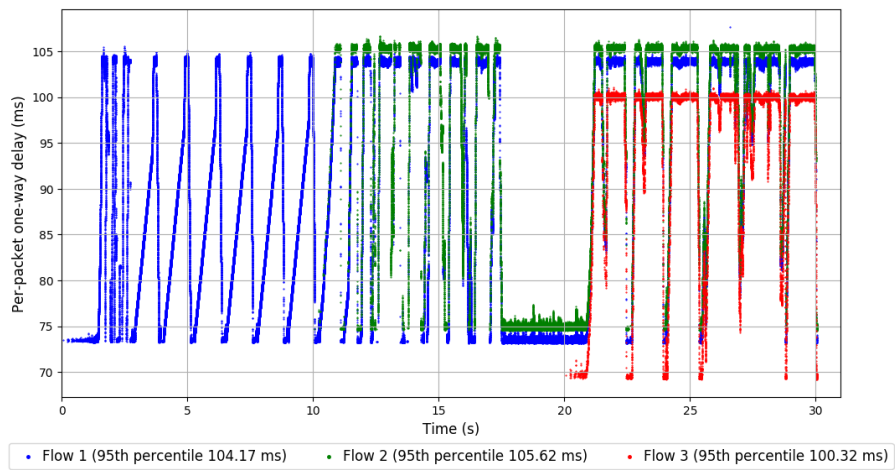
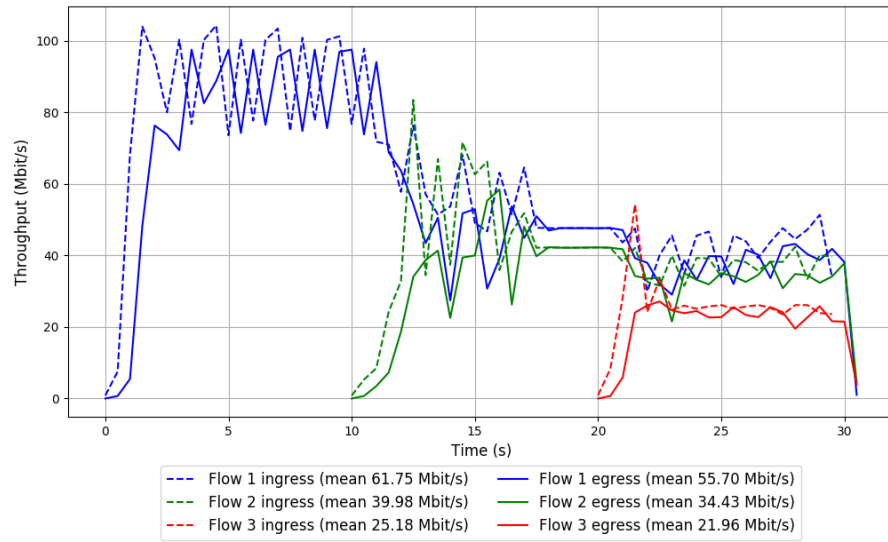


Run 7: Statistics of TCP BBR

Start at: 2018-08-01 10:08:17
End at: 2018-08-01 10:08:47
Local clock offset: -5.841 ms
Remote clock offset: 30.747 ms

Below is generated by plot.py at 2018-08-01 11:16:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.95 Mbit/s
95th percentile per-packet one-way delay: 105.440 ms
Loss rate: 11.19%
-- Flow 1:
Average throughput: 55.70 Mbit/s
95th percentile per-packet one-way delay: 104.169 ms
Loss rate: 9.82%
-- Flow 2:
Average throughput: 34.43 Mbit/s
95th percentile per-packet one-way delay: 105.625 ms
Loss rate: 13.87%
-- Flow 3:
Average throughput: 21.96 Mbit/s
95th percentile per-packet one-way delay: 100.322 ms
Loss rate: 12.79%

Run 7: Report of TCP BBR — Data Link

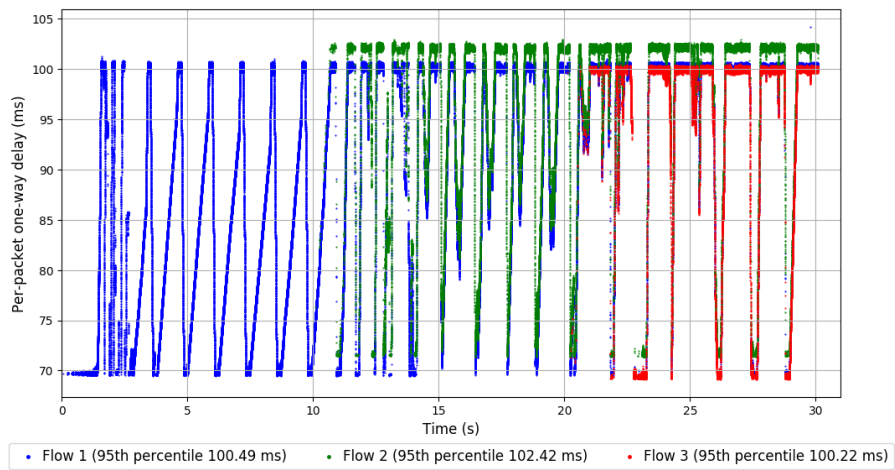
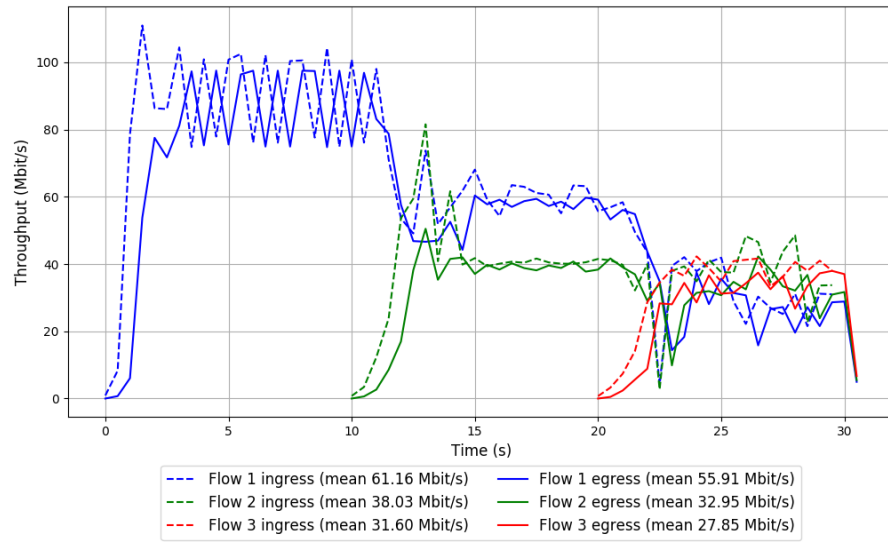


Run 8: Statistics of TCP BBR

Start at: 2018-08-01 10:29:24
End at: 2018-08-01 10:29:54
Local clock offset: -3.443 ms
Remote clock offset: 36.731 ms

Below is generated by plot.py at 2018-08-01 11:16:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.13 Mbit/s
95th percentile per-packet one-way delay: 102.252 ms
Loss rate: 10.09%
-- Flow 1:
Average throughput: 55.91 Mbit/s
95th percentile per-packet one-way delay: 100.488 ms
Loss rate: 8.48%
-- Flow 2:
Average throughput: 32.95 Mbit/s
95th percentile per-packet one-way delay: 102.422 ms
Loss rate: 13.23%
-- Flow 3:
Average throughput: 27.85 Mbit/s
95th percentile per-packet one-way delay: 100.221 ms
Loss rate: 11.85%

Run 8: Report of TCP BBR — Data Link

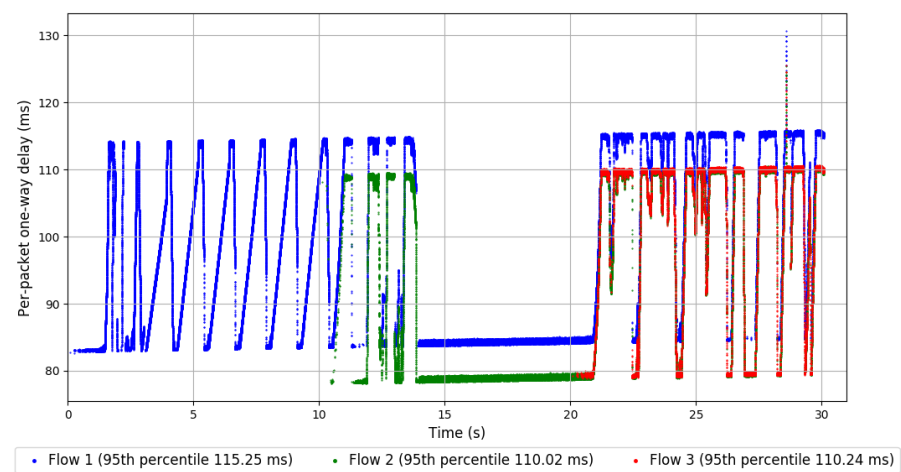
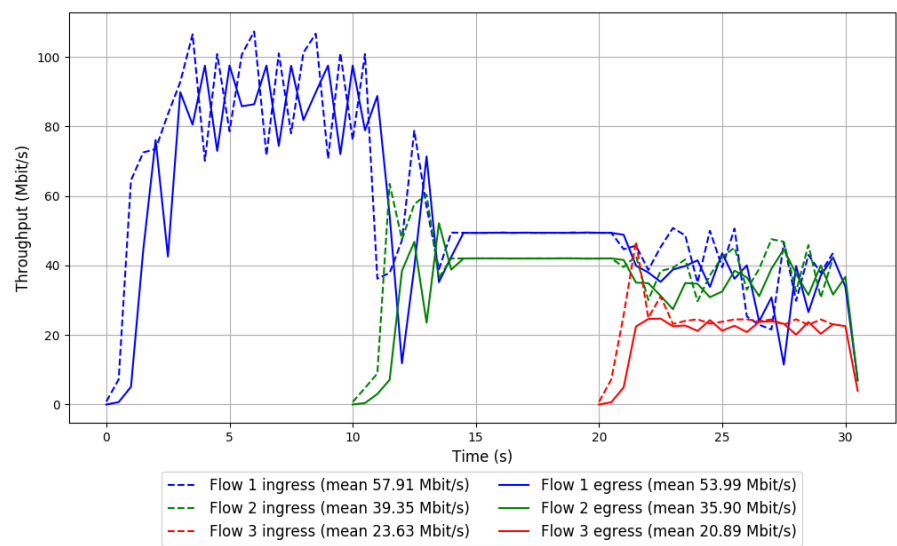


Run 9: Statistics of TCP BBR

Start at: 2018-08-01 10:50:30
End at: 2018-08-01 10:51:00
Local clock offset: -0.781 ms
Remote clock offset: 39.012 ms

Below is generated by plot.py at 2018-08-01 11:17:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 84.84 Mbit/s
95th percentile per-packet one-way delay: 115.082 ms
Loss rate: 7.68%
-- Flow 1:
Average throughput: 53.99 Mbit/s
95th percentile per-packet one-way delay: 115.245 ms
Loss rate: 6.69%
-- Flow 2:
Average throughput: 35.90 Mbit/s
95th percentile per-packet one-way delay: 110.018 ms
Loss rate: 8.78%
-- Flow 3:
Average throughput: 20.89 Mbit/s
95th percentile per-packet one-way delay: 110.241 ms
Loss rate: 11.31%

Run 9: Report of TCP BBR — Data Link



Run 10: Statistics of TCP BBR

Start at: 2018-08-01 11:11:39

End at: 2018-08-01 11:12:09

Local clock offset: 0.3 ms

Remote clock offset: 2.747 ms

Below is generated by plot.py at 2018-08-01 11:17:22

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.28 Mbit/s

95th percentile per-packet one-way delay: 108.292 ms

Loss rate: 10.60%

-- Flow 1:

Average throughput: 56.72 Mbit/s

95th percentile per-packet one-way delay: 107.185 ms

Loss rate: 9.46%

-- Flow 2:

Average throughput: 34.15 Mbit/s

95th percentile per-packet one-way delay: 108.442 ms

Loss rate: 13.24%

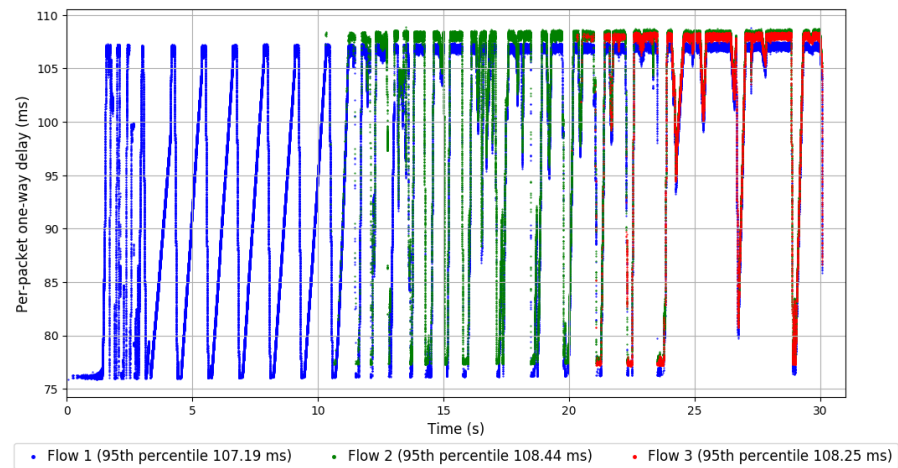
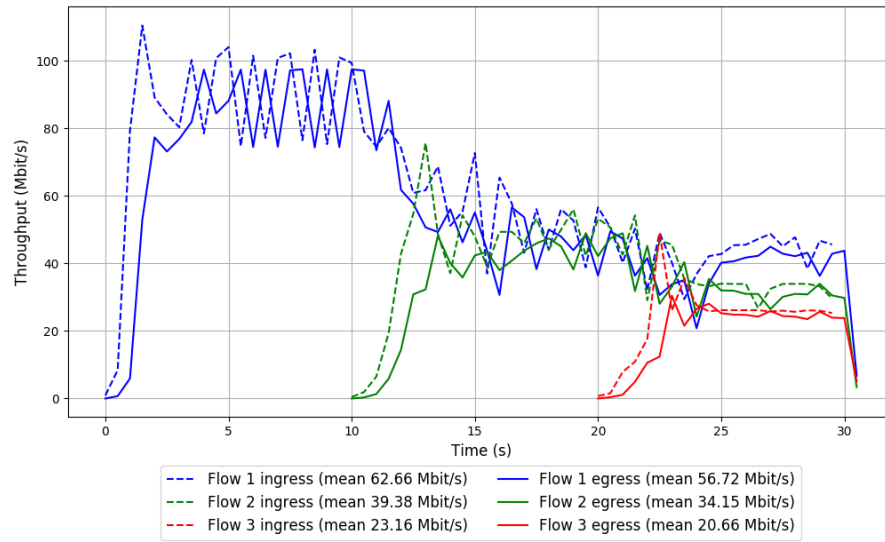
-- Flow 3:

Average throughput: 20.66 Mbit/s

95th percentile per-packet one-way delay: 108.247 ms

Loss rate: 10.87%

Run 10: Report of TCP BBR — Data Link

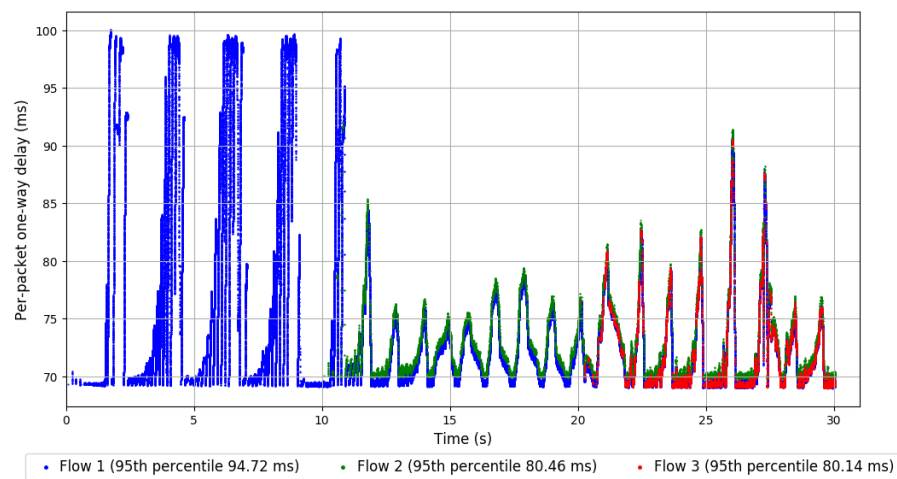
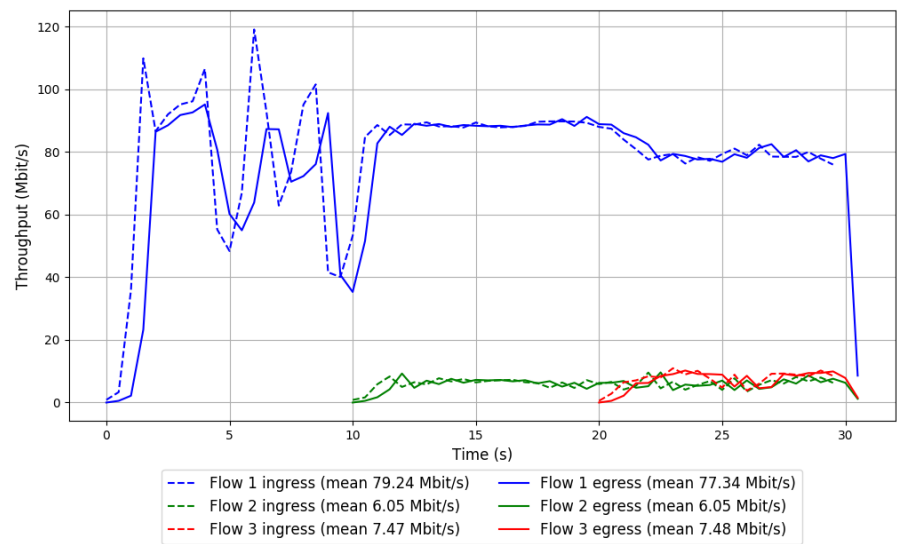


Run 1: Statistics of Copa

Start at: 2018-08-01 07:53:28
End at: 2018-08-01 07:53:58
Local clock offset: -2.804 ms
Remote clock offset: 12.794 ms

Below is generated by plot.py at 2018-08-01 11:18:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.86 Mbit/s
95th percentile per-packet one-way delay: 93.356 ms
Loss rate: 2.21%
-- Flow 1:
Average throughput: 77.34 Mbit/s
95th percentile per-packet one-way delay: 94.720 ms
Loss rate: 2.39%
-- Flow 2:
Average throughput: 6.05 Mbit/s
95th percentile per-packet one-way delay: 80.462 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 7.48 Mbit/s
95th percentile per-packet one-way delay: 80.136 ms
Loss rate: 0.00%

Run 1: Report of Copa — Data Link

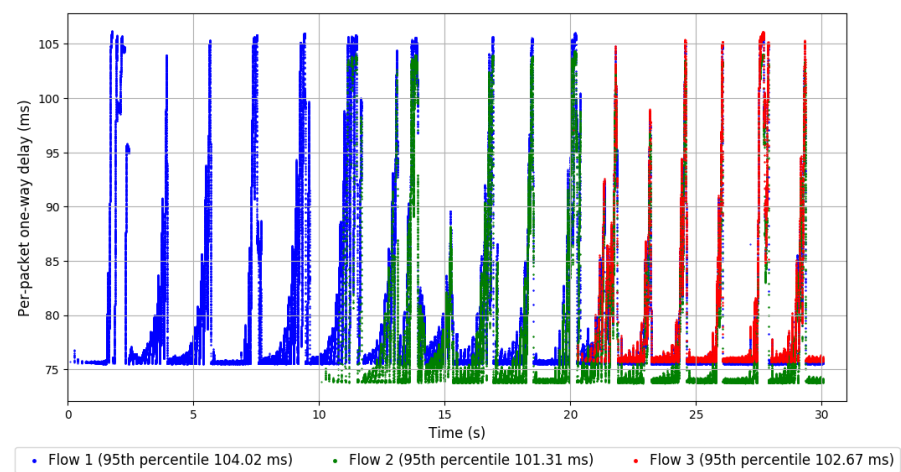
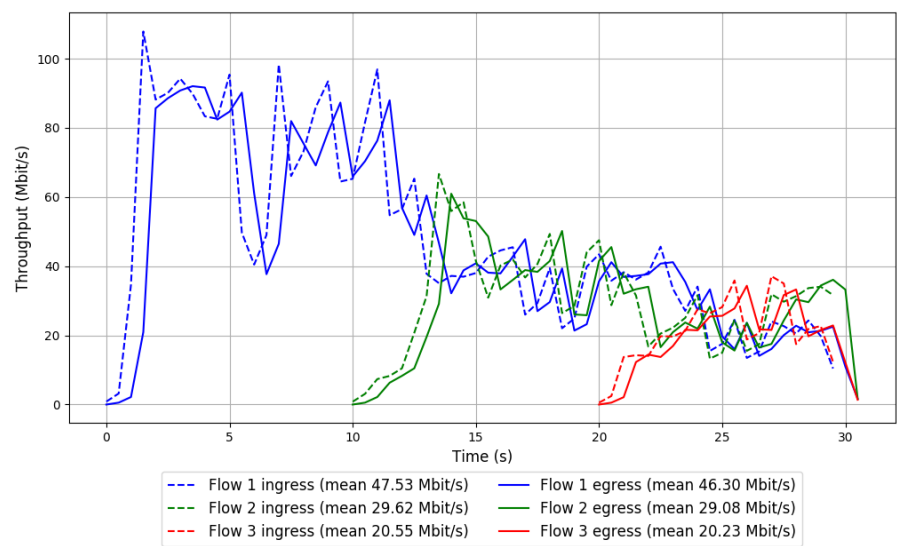


Run 2: Statistics of Copa

Start at: 2018-08-01 08:14:28
End at: 2018-08-01 08:14:58
Local clock offset: -5.78 ms
Remote clock offset: 16.633 ms

Below is generated by plot.py at 2018-08-01 11:18:17
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.38 Mbit/s
95th percentile per-packet one-way delay: 103.027 ms
Loss rate: 2.33%
-- Flow 1:
Average throughput: 46.30 Mbit/s
95th percentile per-packet one-way delay: 104.024 ms
Loss rate: 2.61%
-- Flow 2:
Average throughput: 29.08 Mbit/s
95th percentile per-packet one-way delay: 101.309 ms
Loss rate: 1.84%
-- Flow 3:
Average throughput: 20.23 Mbit/s
95th percentile per-packet one-way delay: 102.675 ms
Loss rate: 1.78%

Run 2: Report of Copa — Data Link



Run 3: Statistics of Copa

Start at: 2018-08-01 08:35:28

End at: 2018-08-01 08:35:58

Local clock offset: -3.754 ms

Remote clock offset: 9.733 ms

Below is generated by plot.py at 2018-08-01 11:18:17

Datalink statistics

-- Total of 3 flows:

Average throughput: 72.79 Mbit/s

95th percentile per-packet one-way delay: 103.741 ms

Loss rate: 3.10%

-- Flow 1:

Average throughput: 49.52 Mbit/s

95th percentile per-packet one-way delay: 105.473 ms

Loss rate: 3.78%

-- Flow 2:

Average throughput: 29.86 Mbit/s

95th percentile per-packet one-way delay: 98.350 ms

Loss rate: 1.68%

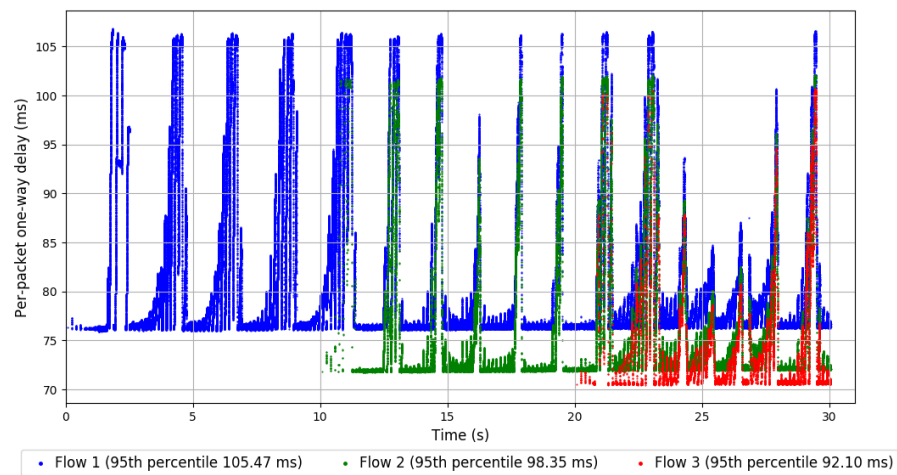
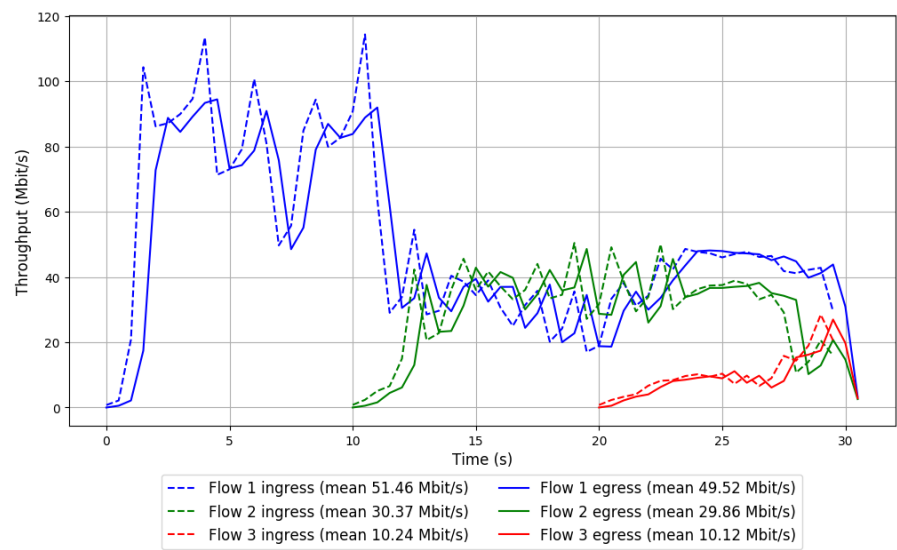
-- Flow 3:

Average throughput: 10.12 Mbit/s

95th percentile per-packet one-way delay: 92.102 ms

Loss rate: 1.16%

Run 3: Report of Copa — Data Link



Run 4: Statistics of Copa

Start at: 2018-08-01 08:56:31

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

Local clock offset: -4.219 ms

Remote clock offset: 9.784 ms

Below is generated by plot.py at 2018-08-01 11:18:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 89.30 Mbit/s

95th percentile per-packet one-way delay: 87.268 ms

Loss rate: 0.43%

-- Flow 1:

Average throughput: 82.04 Mbit/s

95th percentile per-packet one-way delay: 86.839 ms

Loss rate: 0.47%

-- Flow 2:

Average throughput: 7.58 Mbit/s

95th percentile per-packet one-way delay: 90.787 ms

Loss rate: 0.00%

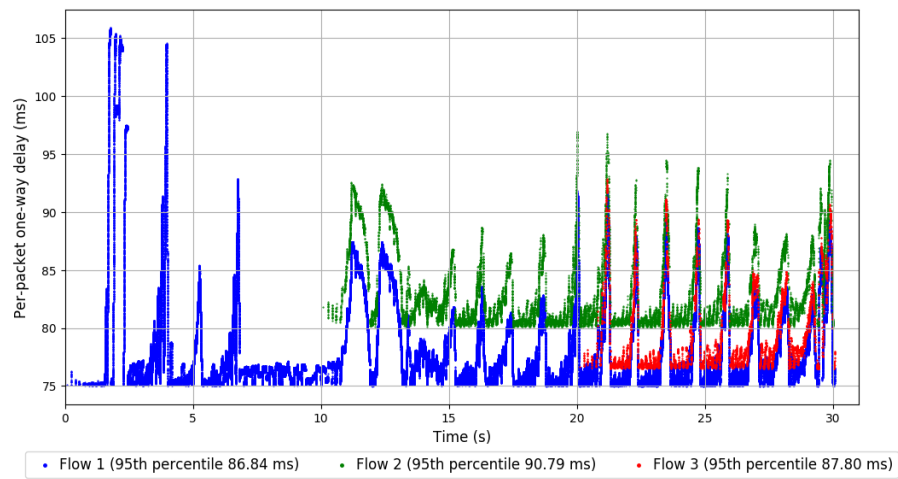
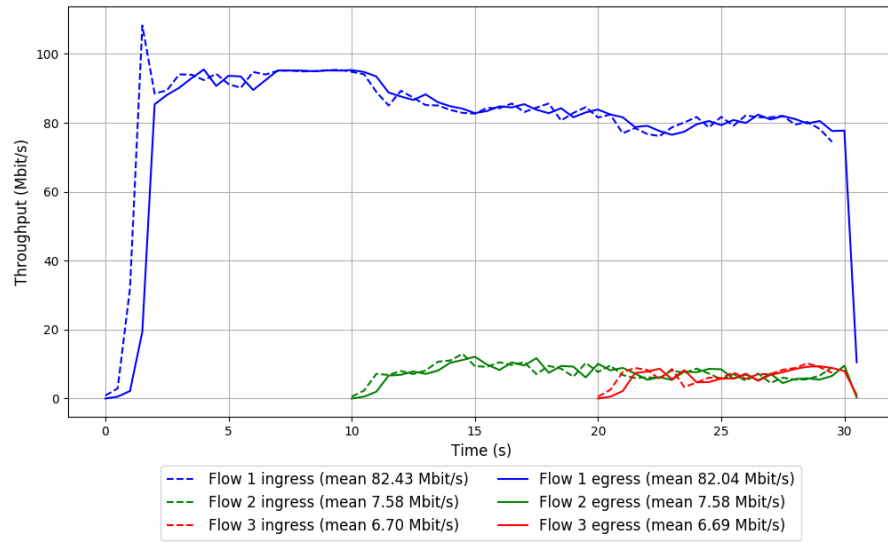
-- Flow 3:

Average throughput: 6.69 Mbit/s

95th percentile per-packet one-way delay: 87.796 ms

Loss rate: 0.00%

Run 4: Report of Copa — Data Link



Run 5: Statistics of Copa

Start at: 2018-08-01 09:17:34

End at: 2018-08-01 09:18:04

Local clock offset: -6.787 ms

Remote clock offset: 9.396 ms

Below is generated by plot.py at 2018-08-01 11:18:23

Datalink statistics

-- Total of 3 flows:

Average throughput: 80.46 Mbit/s

95th percentile per-packet one-way delay: 92.800 ms

Loss rate: 1.44%

-- Flow 1:

Average throughput: 60.44 Mbit/s

95th percentile per-packet one-way delay: 93.924 ms

Loss rate: 1.75%

-- Flow 2:

Average throughput: 26.16 Mbit/s

95th percentile per-packet one-way delay: 88.088 ms

Loss rate: 0.53%

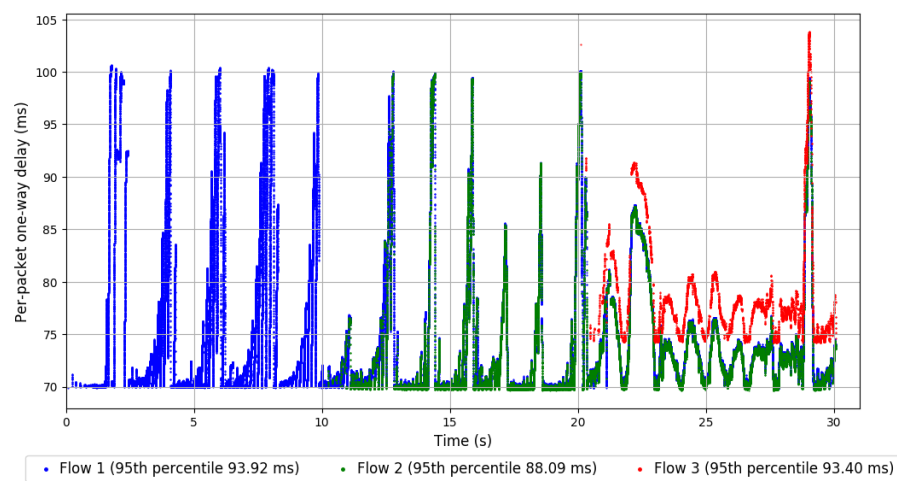
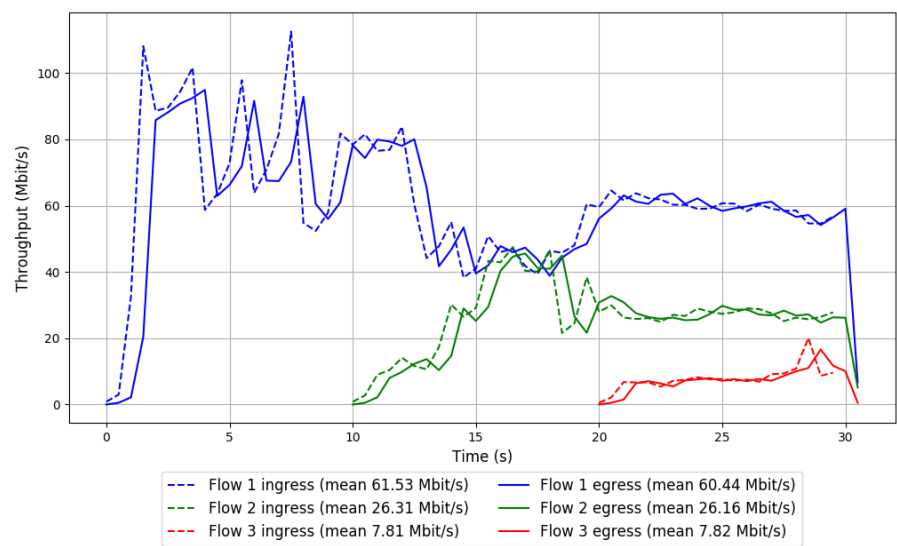
-- Flow 3:

Average throughput: 7.82 Mbit/s

95th percentile per-packet one-way delay: 93.398 ms

Loss rate: 0.15%

Run 5: Report of Copa — Data Link

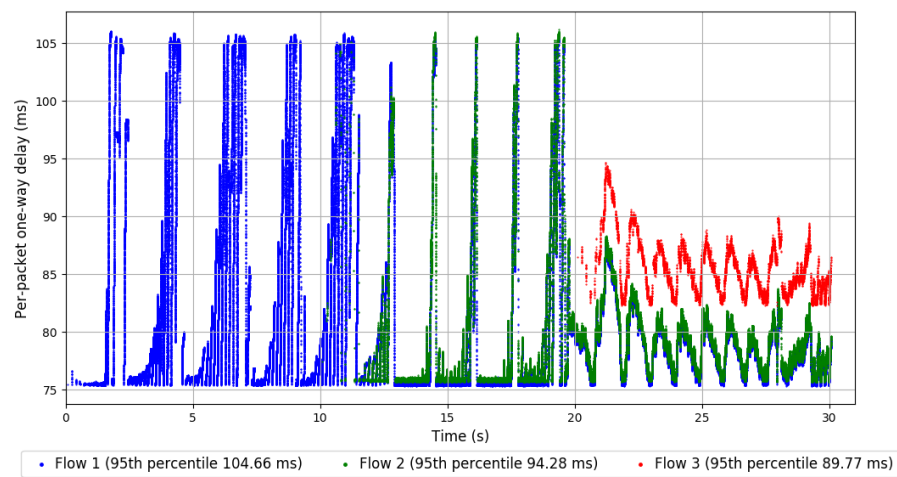
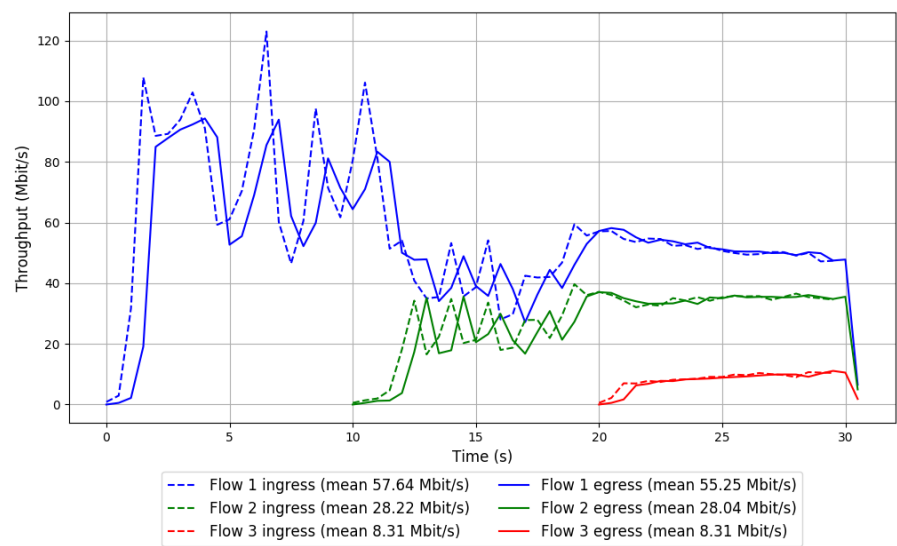


Run 6: Statistics of Copa

Start at: 2018-08-01 09:38:36
End at: 2018-08-01 09:39:06
Local clock offset: -5.833 ms
Remote clock offset: 17.393 ms

Below is generated by plot.py at 2018-08-01 11:18:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.69 Mbit/s
95th percentile per-packet one-way delay: 104.216 ms
Loss rate: 3.15%
-- Flow 1:
Average throughput: 55.25 Mbit/s
95th percentile per-packet one-way delay: 104.661 ms
Loss rate: 4.13%
-- Flow 2:
Average throughput: 28.04 Mbit/s
95th percentile per-packet one-way delay: 94.283 ms
Loss rate: 0.61%
-- Flow 3:
Average throughput: 8.31 Mbit/s
95th percentile per-packet one-way delay: 89.771 ms
Loss rate: 0.00%

Run 6: Report of Copa — Data Link

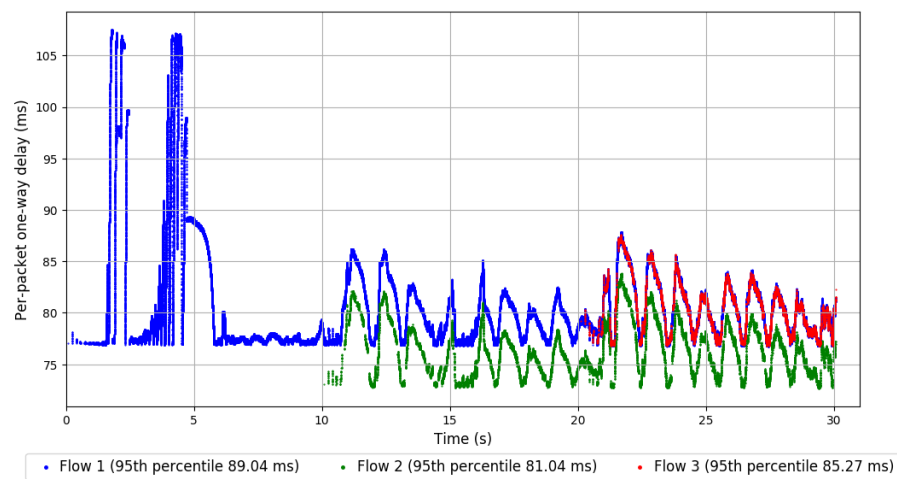
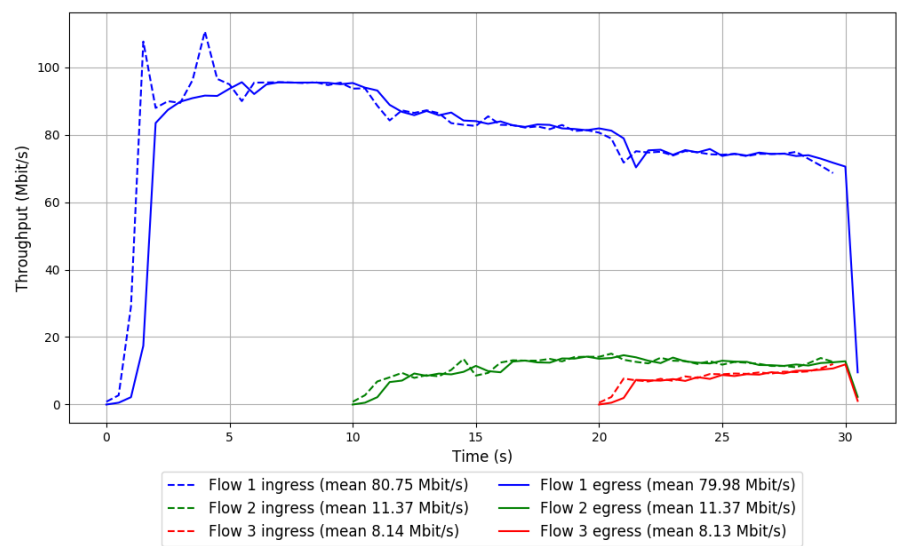


Run 7: Statistics of Copa

Start at: 2018-08-01 09:59:37
End at: 2018-08-01 10:00:07
Local clock offset: -5.7 ms
Remote clock offset: 31.574 ms

```
# Below is generated by plot.py at 2018-08-01 11:19:29
# Datalink statistics
-- Total of 3 flows:
Average throughput: 90.26 Mbit/s
95th percentile per-packet one-way delay: 88.777 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 79.98 Mbit/s
95th percentile per-packet one-way delay: 89.041 ms
Loss rate: 0.95%
-- Flow 2:
Average throughput: 11.37 Mbit/s
95th percentile per-packet one-way delay: 81.037 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 8.13 Mbit/s
95th percentile per-packet one-way delay: 85.265 ms
Loss rate: 0.02%
```


Run 7: Report of Copa — Data Link

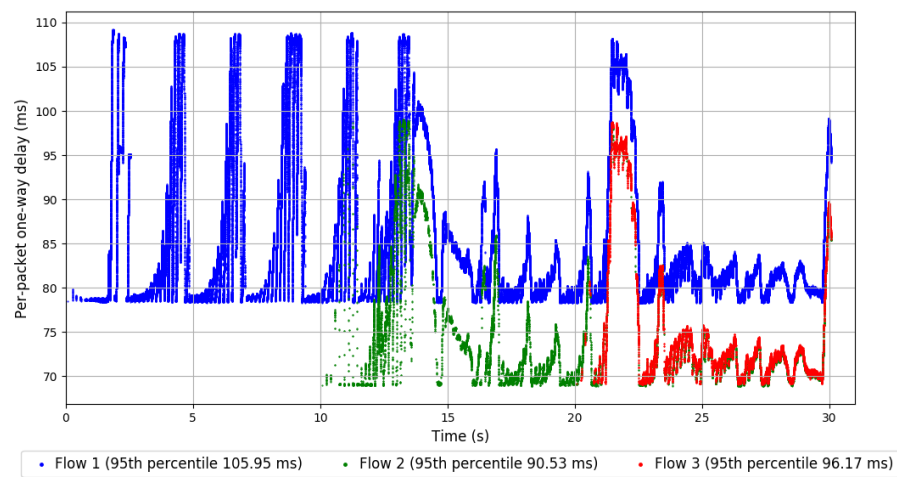
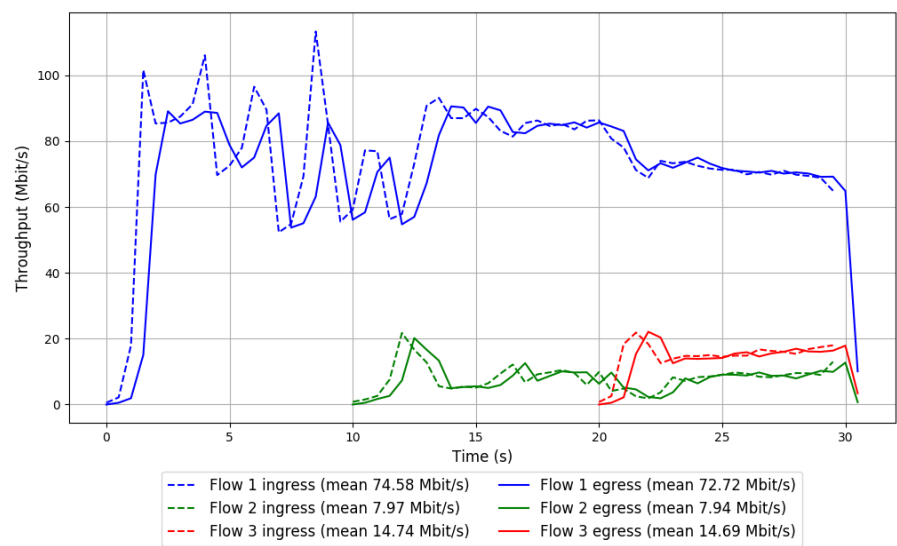


Run 8: Statistics of Copa

Start at: 2018-08-01 10:20:44
End at: 2018-08-01 10:21:14
Local clock offset: -5.872 ms
Remote clock offset: 34.449 ms

Below is generated by plot.py at 2018-08-01 11:19:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 82.90 Mbit/s
95th percentile per-packet one-way delay: 105.385 ms
Loss rate: 2.21%
-- Flow 1:
Average throughput: 72.72 Mbit/s
95th percentile per-packet one-way delay: 105.953 ms
Loss rate: 2.47%
-- Flow 2:
Average throughput: 7.94 Mbit/s
95th percentile per-packet one-way delay: 90.533 ms
Loss rate: 0.38%
-- Flow 3:
Average throughput: 14.69 Mbit/s
95th percentile per-packet one-way delay: 96.166 ms
Loss rate: 0.14%

Run 8: Report of Copa — Data Link

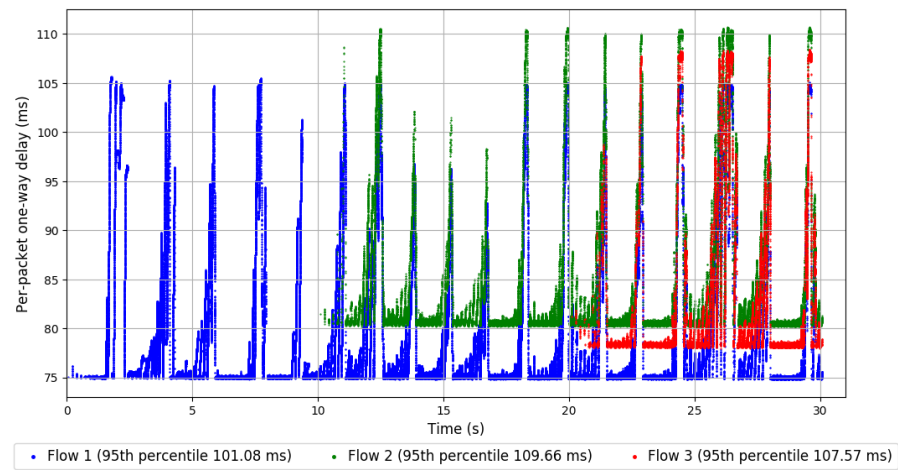
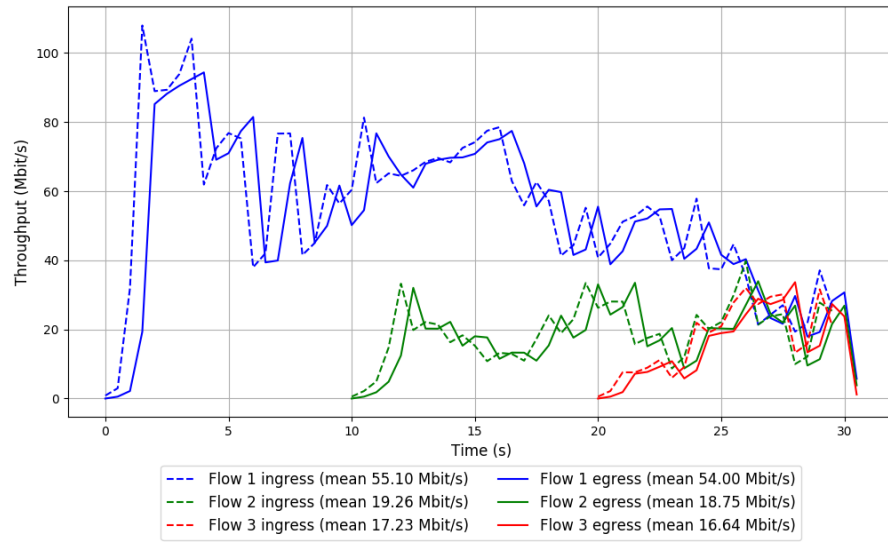


Run 9: Statistics of Copa

Start at: 2018-08-01 10:41:52
End at: 2018-08-01 10:42:22
Local clock offset: -1.468 ms
Remote clock offset: 43.866 ms

Below is generated by plot.py at 2018-08-01 11:19:37
Datalink statistics
-- Total of 3 flows:
Average throughput: 72.01 Mbit/s
95th percentile per-packet one-way delay: 103.849 ms
Loss rate: 2.24%
-- Flow 1:
Average throughput: 54.00 Mbit/s
95th percentile per-packet one-way delay: 101.080 ms
Loss rate: 2.01%
-- Flow 2:
Average throughput: 18.75 Mbit/s
95th percentile per-packet one-way delay: 109.657 ms
Loss rate: 2.67%
-- Flow 3:
Average throughput: 16.64 Mbit/s
95th percentile per-packet one-way delay: 107.571 ms
Loss rate: 3.50%

Run 9: Report of Copa — Data Link



Run 10: Statistics of Copa

Start at: 2018-08-01 11:03:00

End at: 2018-08-01 11:03:30

Local clock offset: -0.05 ms

Remote clock offset: 5.039 ms

Below is generated by plot.py at 2018-08-01 11:19:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.14 Mbit/s

95th percentile per-packet one-way delay: 100.859 ms

Loss rate: 2.40%

-- Flow 1:

Average throughput: 47.23 Mbit/s

95th percentile per-packet one-way delay: 101.203 ms

Loss rate: 3.49%

-- Flow 2:

Average throughput: 26.86 Mbit/s

95th percentile per-packet one-way delay: 102.067 ms

Loss rate: 1.08%

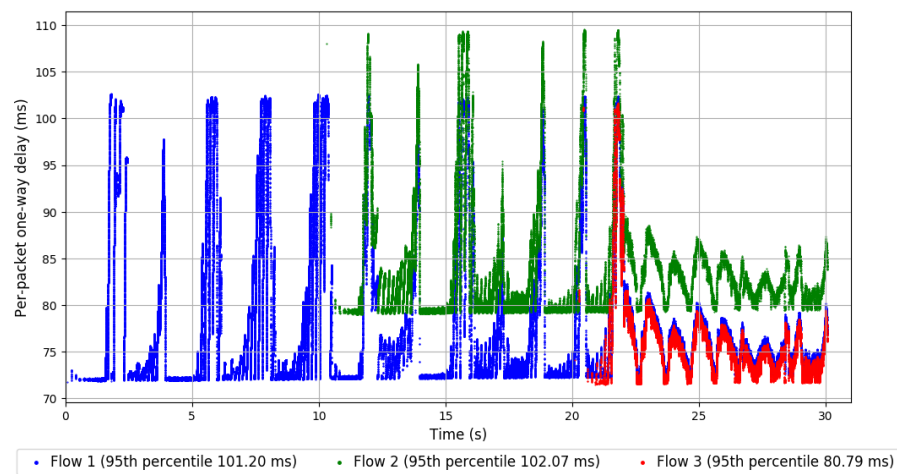
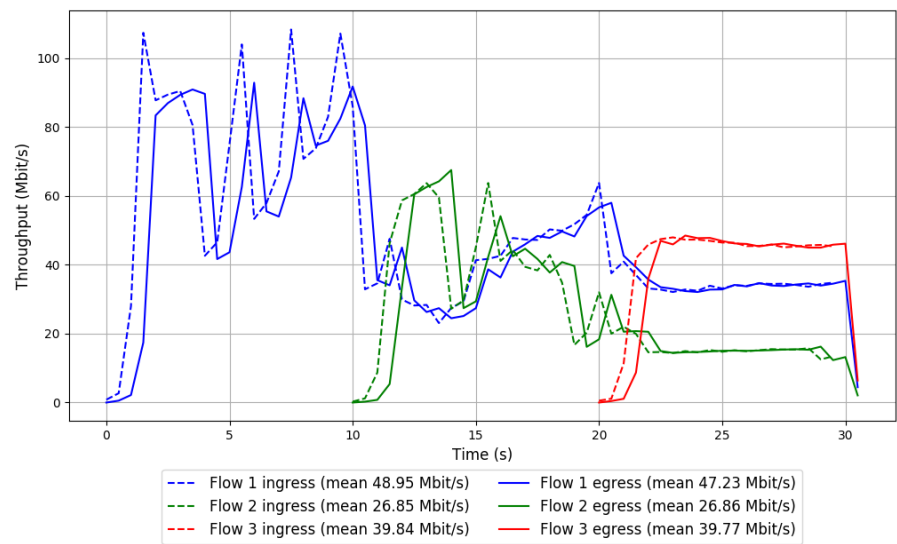
-- Flow 3:

Average throughput: 39.77 Mbit/s

95th percentile per-packet one-way delay: 80.793 ms

Loss rate: 0.15%

Run 10: Report of Copa — Data Link

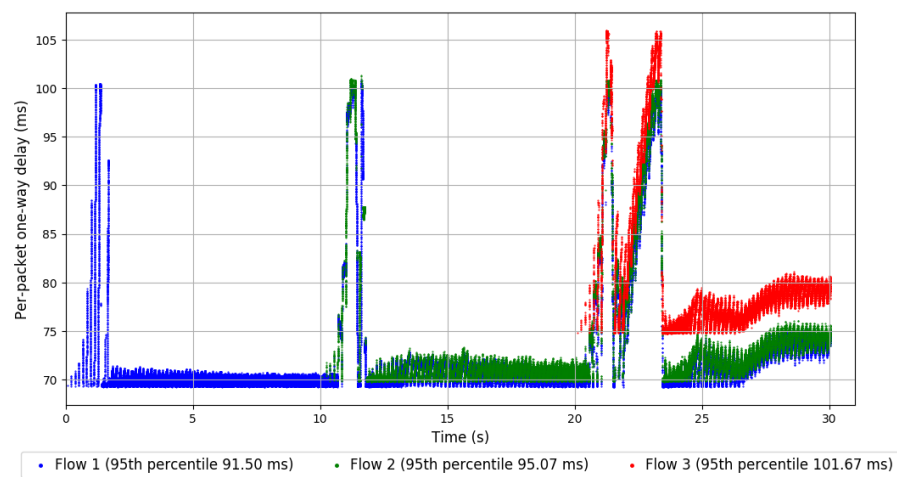
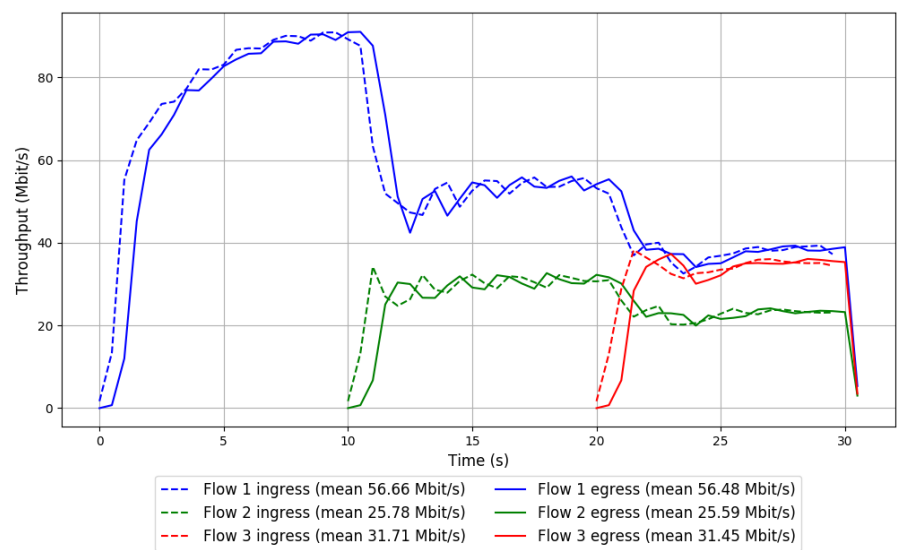


Run 1: Statistics of TCP Cubic

Start at: 2018-08-01 07:49:48
End at: 2018-08-01 07:50:18
Local clock offset: -2.61 ms
Remote clock offset: 12.217 ms

Below is generated by plot.py at 2018-08-01 11:19:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 83.98 Mbit/s
95th percentile per-packet one-way delay: 94.859 ms
Loss rate: 0.45%
-- Flow 1:
Average throughput: 56.48 Mbit/s
95th percentile per-packet one-way delay: 91.498 ms
Loss rate: 0.30%
-- Flow 2:
Average throughput: 25.59 Mbit/s
95th percentile per-packet one-way delay: 95.068 ms
Loss rate: 0.71%
-- Flow 3:
Average throughput: 31.45 Mbit/s
95th percentile per-packet one-way delay: 101.670 ms
Loss rate: 0.81%

Run 1: Report of TCP Cubic — Data Link

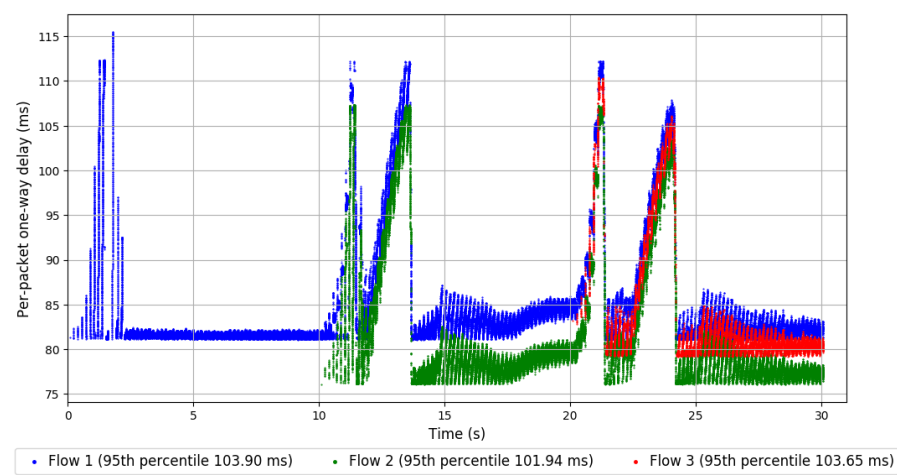
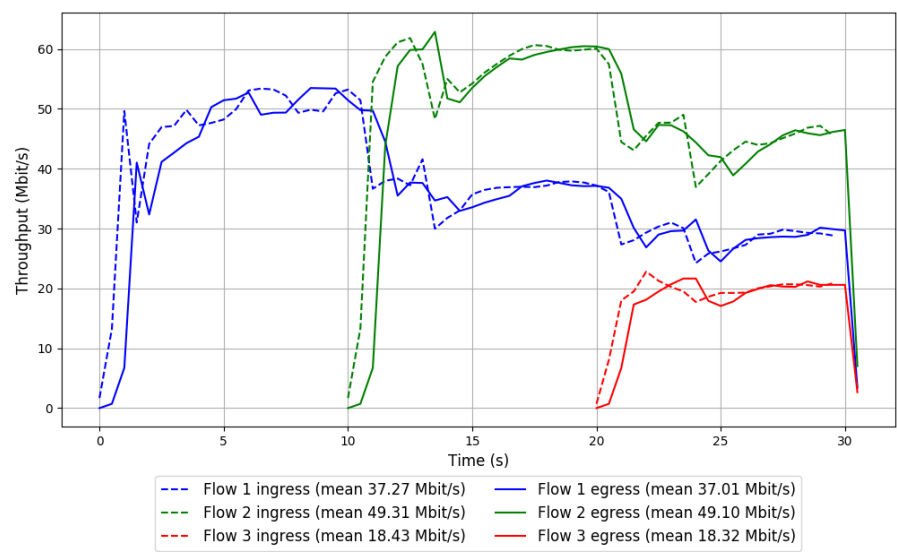


Run 2: Statistics of TCP Cubic

Start at: 2018-08-01 08:10:49
End at: 2018-08-01 08:11:19
Local clock offset: -5.585 ms
Remote clock offset: 16.605 ms

Below is generated by plot.py at 2018-08-01 11:19:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 75.81 Mbit/s
95th percentile per-packet one-way delay: 103.134 ms
Loss rate: 0.60%
-- Flow 1:
Average throughput: 37.01 Mbit/s
95th percentile per-packet one-way delay: 103.901 ms
Loss rate: 0.73%
-- Flow 2:
Average throughput: 49.10 Mbit/s
95th percentile per-packet one-way delay: 101.939 ms
Loss rate: 0.43%
-- Flow 3:
Average throughput: 18.32 Mbit/s
95th percentile per-packet one-way delay: 103.648 ms
Loss rate: 0.71%

Run 2: Report of TCP Cubic — Data Link

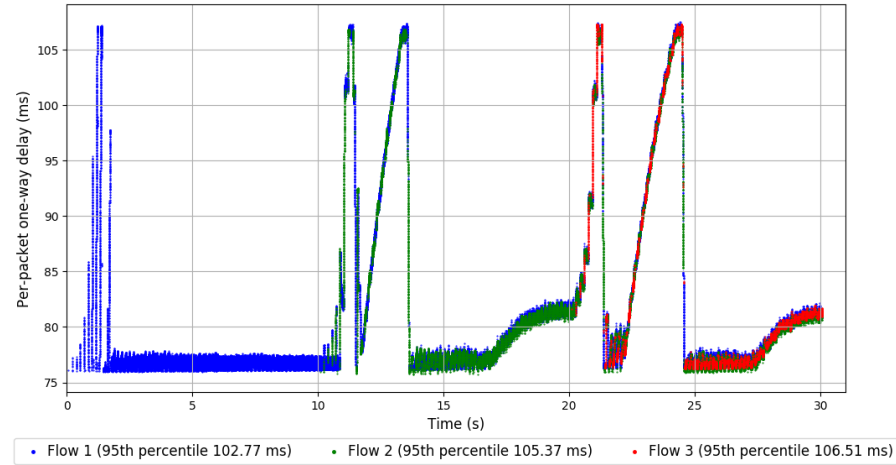
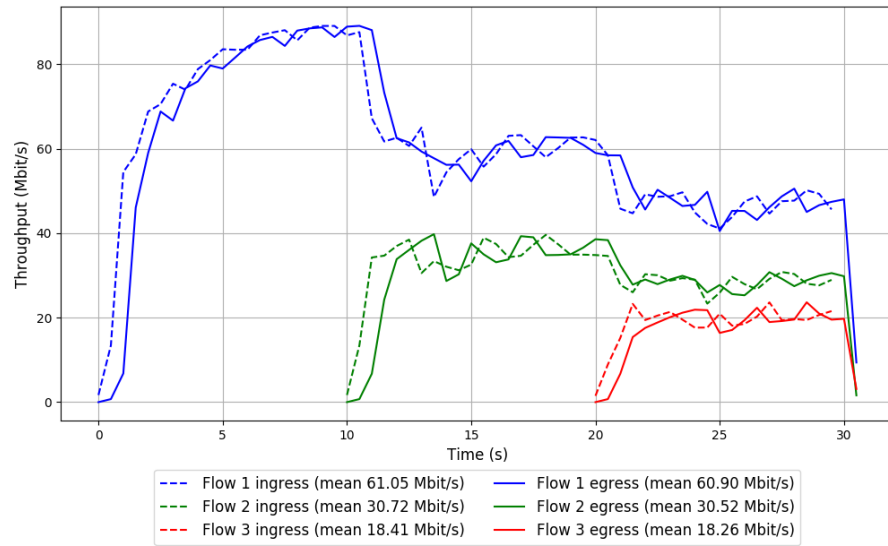


Run 3: Statistics of TCP Cubic

Start at: 2018-08-01 08:31:48
End at: 2018-08-01 08:32:18
Local clock offset: -4.148 ms
Remote clock offset: 17.249 ms

Below is generated by plot.py at 2018-08-01 11:19:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.27 Mbit/s
95th percentile per-packet one-way delay: 104.085 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 60.90 Mbit/s
95th percentile per-packet one-way delay: 102.766 ms
Loss rate: 0.22%
-- Flow 2:
Average throughput: 30.52 Mbit/s
95th percentile per-packet one-way delay: 105.368 ms
Loss rate: 0.64%
-- Flow 3:
Average throughput: 18.26 Mbit/s
95th percentile per-packet one-way delay: 106.511 ms
Loss rate: 0.81%

Run 3: Report of TCP Cubic — Data Link



Run 4: Statistics of TCP Cubic

Start at: 2018-08-01 08:52:51

End at: 2018-08-01 08:53:21

Local clock offset: -3.034 ms

Remote clock offset: 5.412 ms

Below is generated by plot.py at 2018-08-01 11:19:46

Datalink statistics

-- Total of 3 flows:

Average throughput: 82.71 Mbit/s

95th percentile per-packet one-way delay: 101.096 ms

Loss rate: 0.46%

-- Flow 1:

Average throughput: 57.00 Mbit/s

95th percentile per-packet one-way delay: 101.020 ms

Loss rate: 0.29%

-- Flow 2:

Average throughput: 24.97 Mbit/s

95th percentile per-packet one-way delay: 103.931 ms

Loss rate: 0.67%

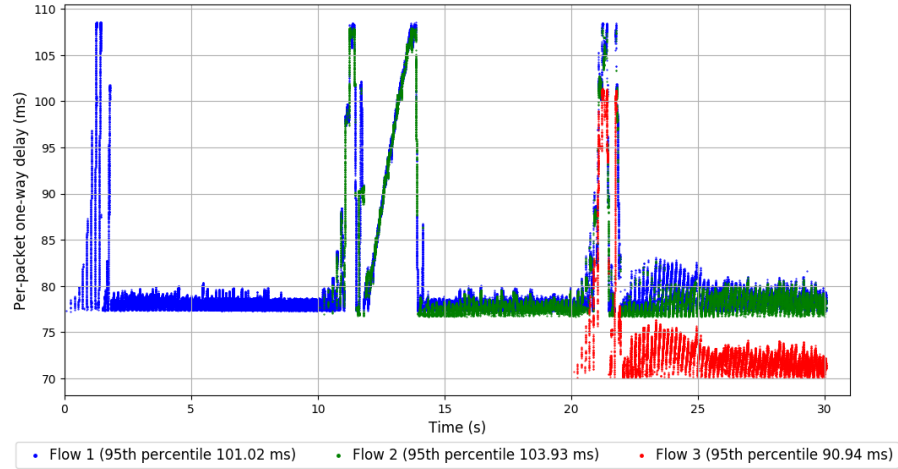
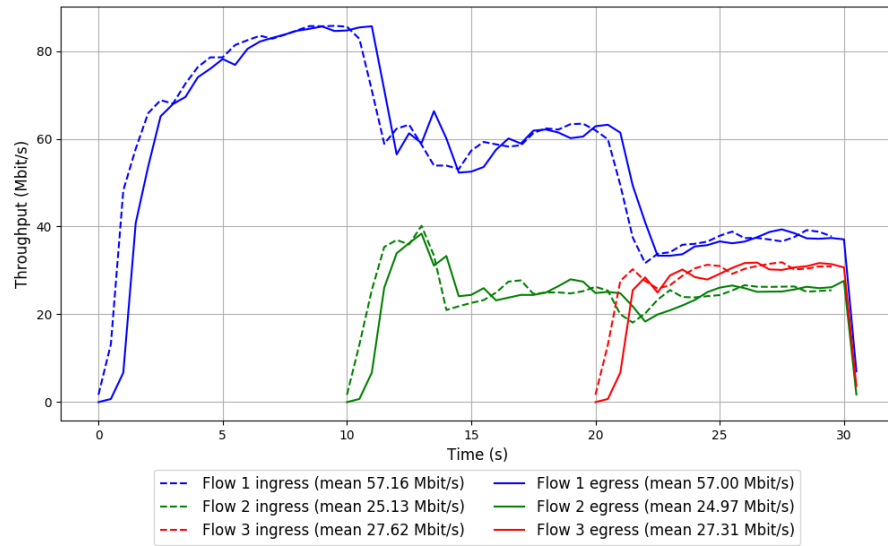
-- Flow 3:

Average throughput: 27.31 Mbit/s

95th percentile per-packet one-way delay: 90.945 ms

Loss rate: 1.12%

Run 4: Report of TCP Cubic — Data Link

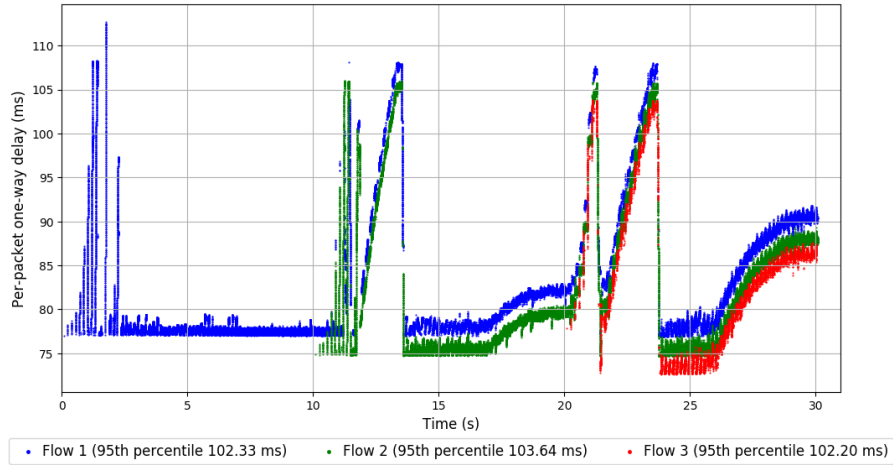
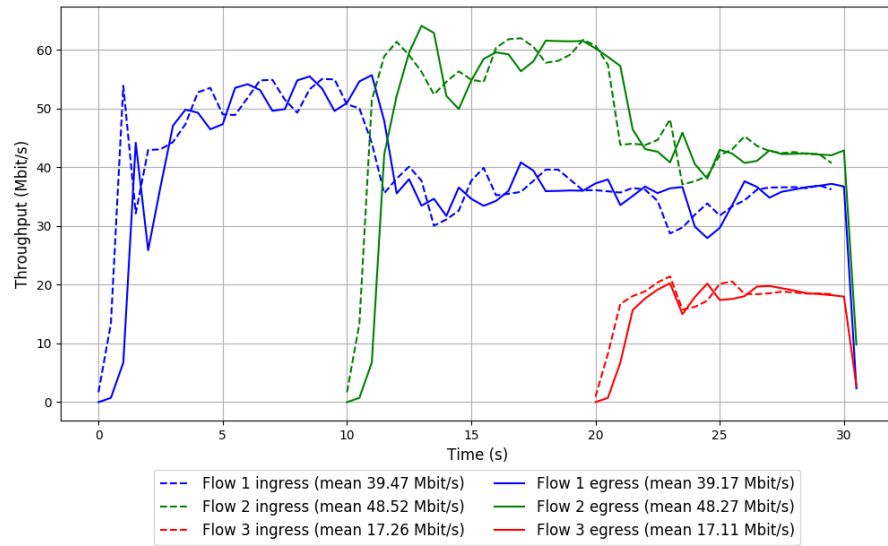


Run 5: Statistics of TCP Cubic

Start at: 2018-08-01 09:13:55
End at: 2018-08-01 09:14:25
Local clock offset: -6.592 ms
Remote clock offset: 11.031 ms

```
# Below is generated by plot.py at 2018-08-01 11:20:03
# Datalink statistics
-- Total of 3 flows:
Average throughput: 77.01 Mbit/s
95th percentile per-packet one-way delay: 102.646 ms
Loss rate: 0.61%
-- Flow 1:
Average throughput: 39.17 Mbit/s
95th percentile per-packet one-way delay: 102.327 ms
Loss rate: 0.72%
-- Flow 2:
Average throughput: 48.27 Mbit/s
95th percentile per-packet one-way delay: 103.640 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 17.11 Mbit/s
95th percentile per-packet one-way delay: 102.205 ms
Loss rate: 0.79%
```


Run 5: Report of TCP Cubic — Data Link

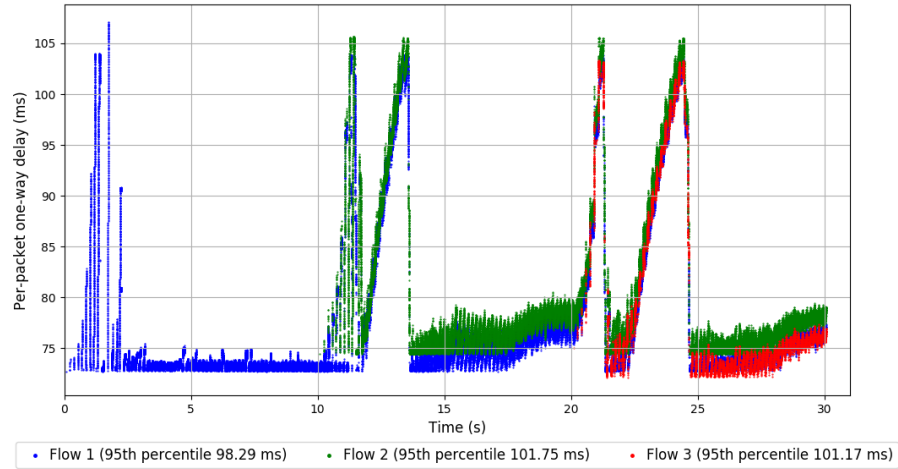
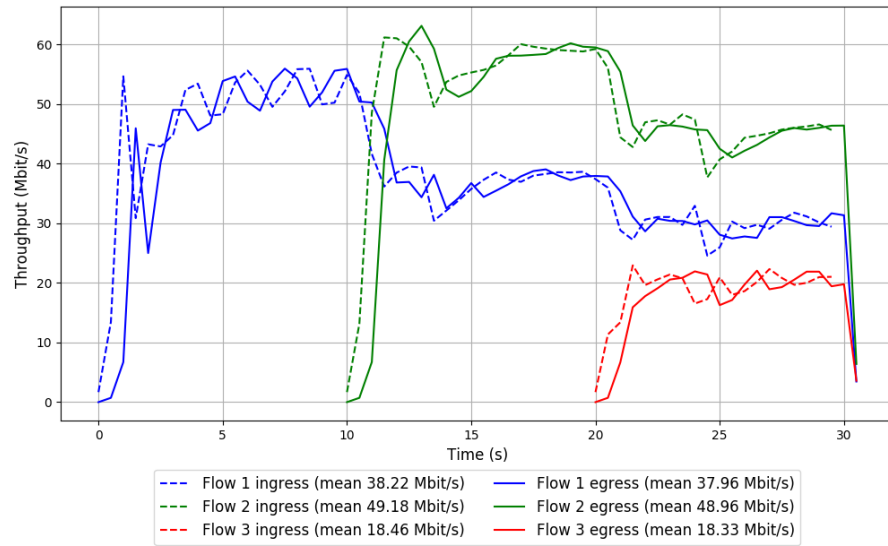


Run 6: Statistics of TCP Cubic

Start at: 2018-08-01 09:34:56
End at: 2018-08-01 09:35:26
Local clock offset: -5.858 ms
Remote clock offset: 12.107 ms

Below is generated by plot.py at 2018-08-01 11:20:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 76.67 Mbit/s
95th percentile per-packet one-way delay: 100.488 ms
Loss rate: 0.59%
-- Flow 1:
Average throughput: 37.96 Mbit/s
95th percentile per-packet one-way delay: 98.290 ms
Loss rate: 0.68%
-- Flow 2:
Average throughput: 48.96 Mbit/s
95th percentile per-packet one-way delay: 101.748 ms
Loss rate: 0.45%
-- Flow 3:
Average throughput: 18.33 Mbit/s
95th percentile per-packet one-way delay: 101.172 ms
Loss rate: 0.72%

Run 6: Report of TCP Cubic — Data Link

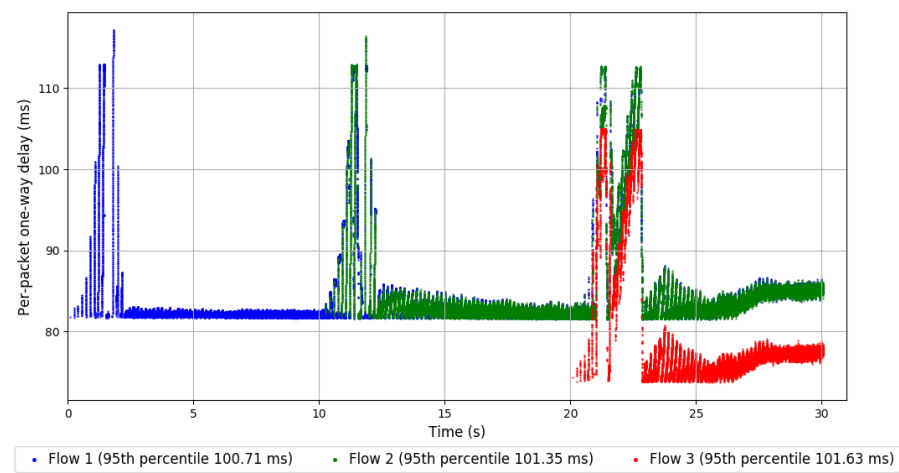
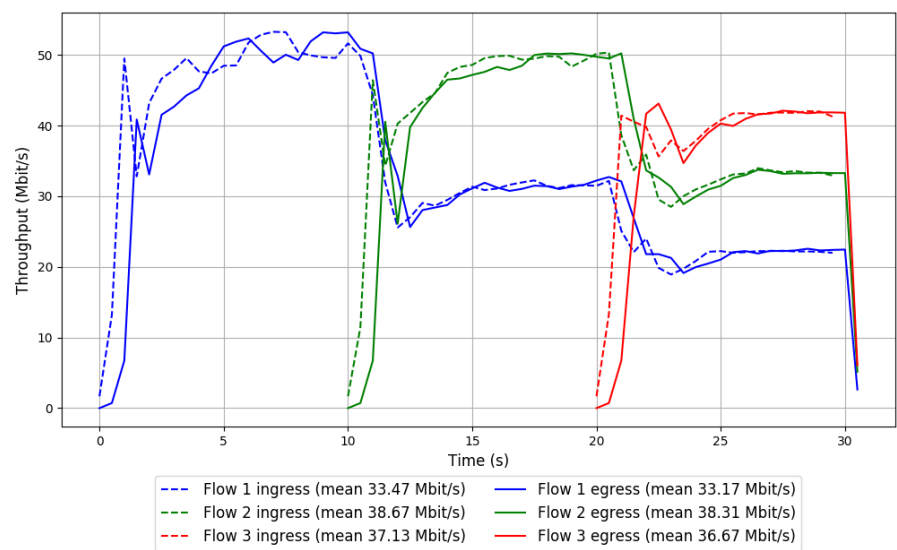


Run 7: Statistics of TCP Cubic

Start at: 2018-08-01 09:55:58
End at: 2018-08-01 09:56:28
Local clock offset: -5.671 ms
Remote clock offset: 30.965 ms

Below is generated by plot.py at 2018-08-01 11:20:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 70.88 Mbit/s
95th percentile per-packet one-way delay: 101.186 ms
Loss rate: 0.97%
-- Flow 1:
Average throughput: 33.17 Mbit/s
95th percentile per-packet one-way delay: 100.707 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 38.31 Mbit/s
95th percentile per-packet one-way delay: 101.347 ms
Loss rate: 0.95%
-- Flow 3:
Average throughput: 36.67 Mbit/s
95th percentile per-packet one-way delay: 101.627 ms
Loss rate: 1.21%

Run 7: Report of TCP Cubic — Data Link

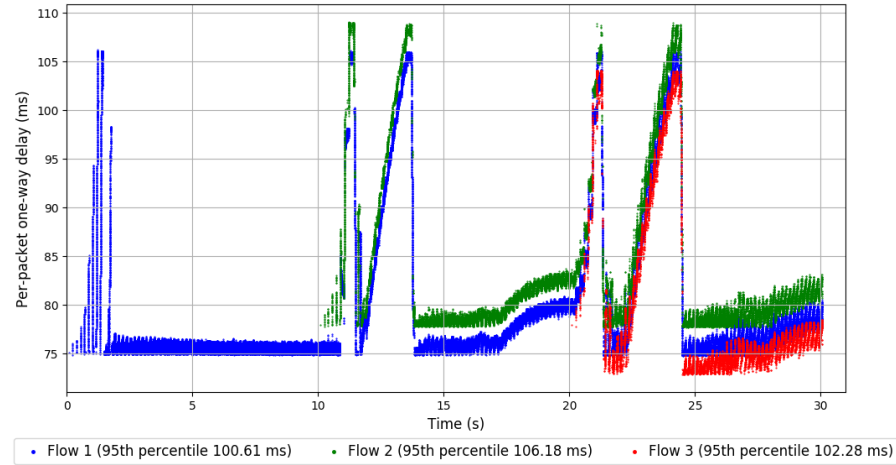
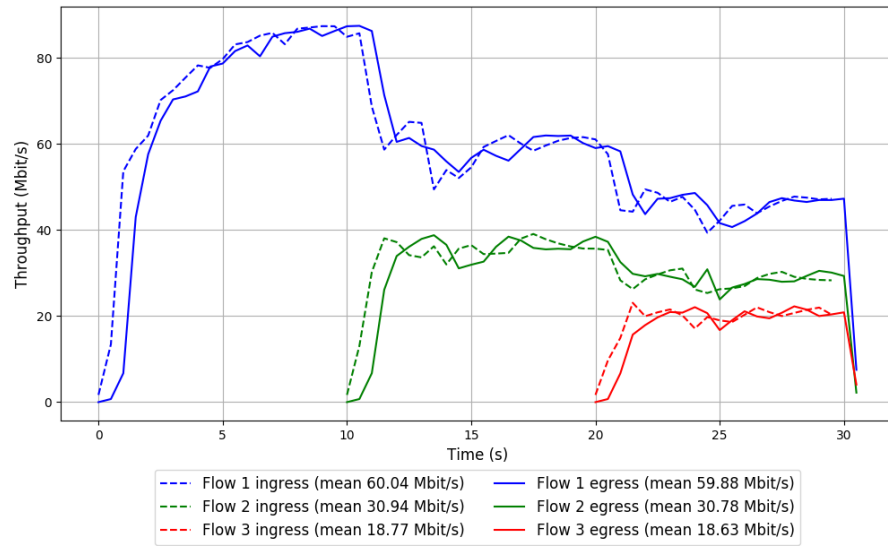


Run 8: Statistics of TCP Cubic

Start at: 2018-08-01 10:17:04
End at: 2018-08-01 10:17:34
Local clock offset: -5.853 ms
Remote clock offset: 37.247 ms

Below is generated by plot.py at 2018-08-01 11:20:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.57 Mbit/s
95th percentile per-packet one-way delay: 102.714 ms
Loss rate: 0.36%
-- Flow 1:
Average throughput: 59.88 Mbit/s
95th percentile per-packet one-way delay: 100.609 ms
Loss rate: 0.27%
-- Flow 2:
Average throughput: 30.78 Mbit/s
95th percentile per-packet one-way delay: 106.181 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 18.63 Mbit/s
95th percentile per-packet one-way delay: 102.285 ms
Loss rate: 0.75%

Run 8: Report of TCP Cubic — Data Link

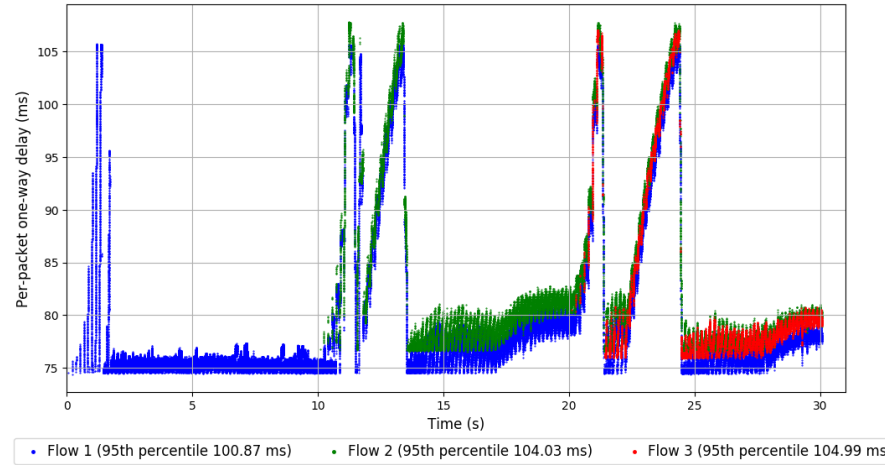
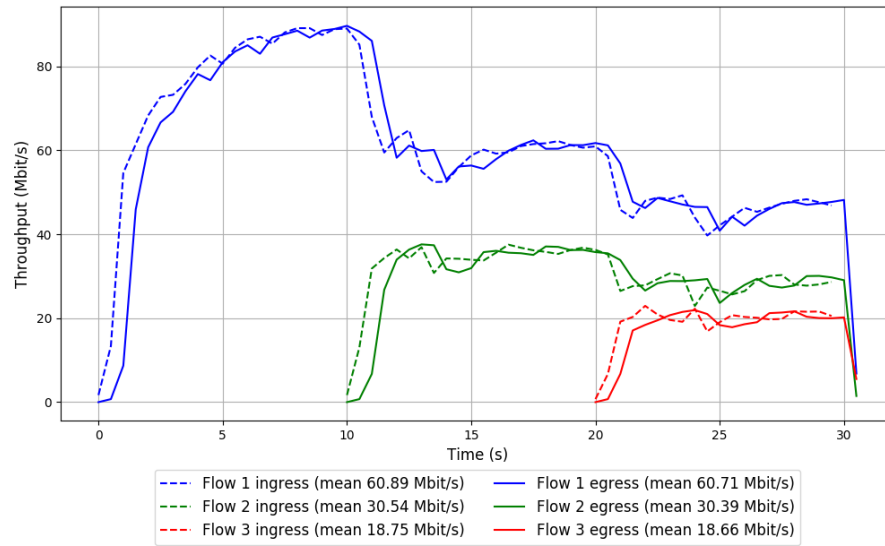


Run 9: Statistics of TCP Cubic

Start at: 2018-08-01 10:38:11
End at: 2018-08-01 10:38:41
Local clock offset: -1.879 ms
Remote clock offset: 44.054 ms

Below is generated by plot.py at 2018-08-01 11:20:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.15 Mbit/s
95th percentile per-packet one-way delay: 102.253 ms
Loss rate: 0.35%
-- Flow 1:
Average throughput: 60.71 Mbit/s
95th percentile per-packet one-way delay: 100.870 ms
Loss rate: 0.29%
-- Flow 2:
Average throughput: 30.39 Mbit/s
95th percentile per-packet one-way delay: 104.032 ms
Loss rate: 0.48%
-- Flow 3:
Average throughput: 18.66 Mbit/s
95th percentile per-packet one-way delay: 104.993 ms
Loss rate: 0.51%

Run 9: Report of TCP Cubic — Data Link

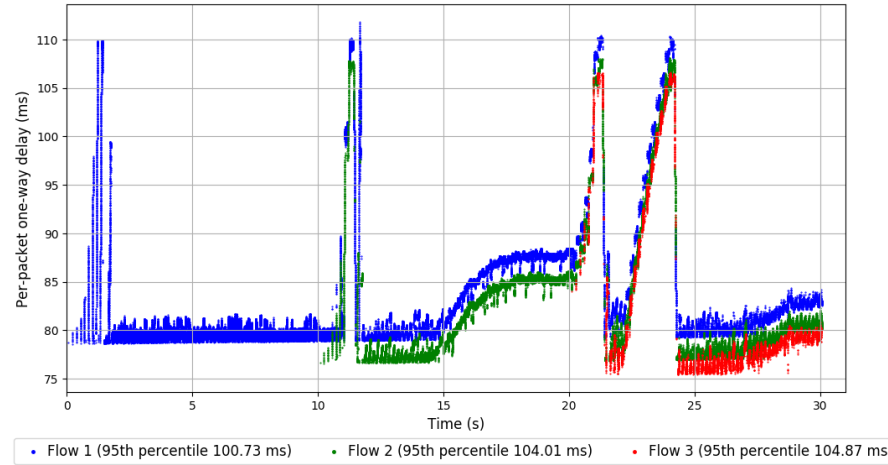
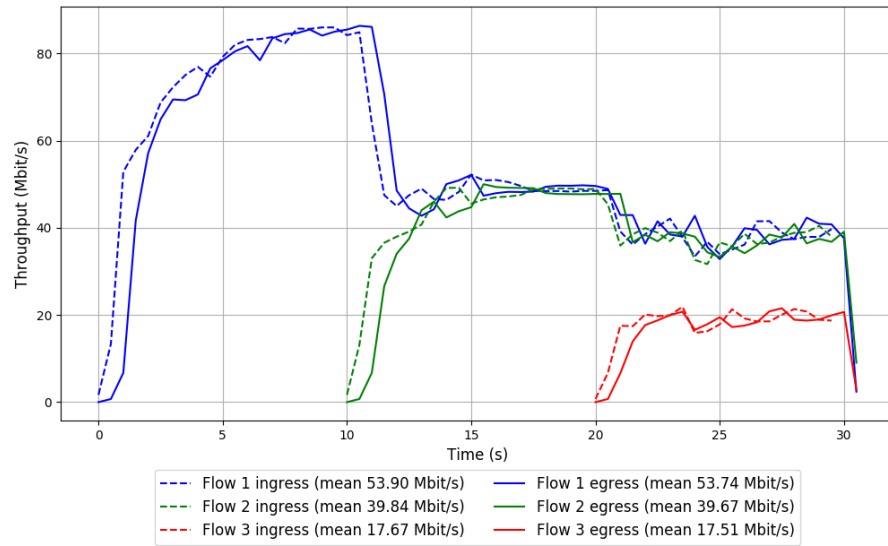


Run 10: Statistics of TCP Cubic

Start at: 2018-08-01 10:59:19
End at: 2018-08-01 10:59:49
Local clock offset: -0.267 ms
Remote clock offset: 15.139 ms

Below is generated by plot.py at 2018-08-01 11:20:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.97 Mbit/s
95th percentile per-packet one-way delay: 102.455 ms
Loss rate: 0.37%
-- Flow 1:
Average throughput: 53.74 Mbit/s
95th percentile per-packet one-way delay: 100.728 ms
Loss rate: 0.28%
-- Flow 2:
Average throughput: 39.67 Mbit/s
95th percentile per-packet one-way delay: 104.012 ms
Loss rate: 0.41%
-- Flow 3:
Average throughput: 17.51 Mbit/s
95th percentile per-packet one-way delay: 104.868 ms
Loss rate: 0.99%

Run 10: Report of TCP Cubic — Data Link

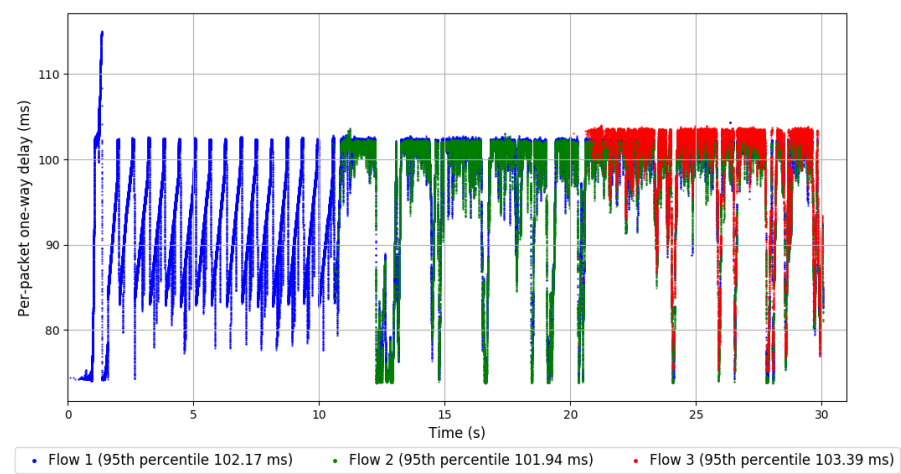
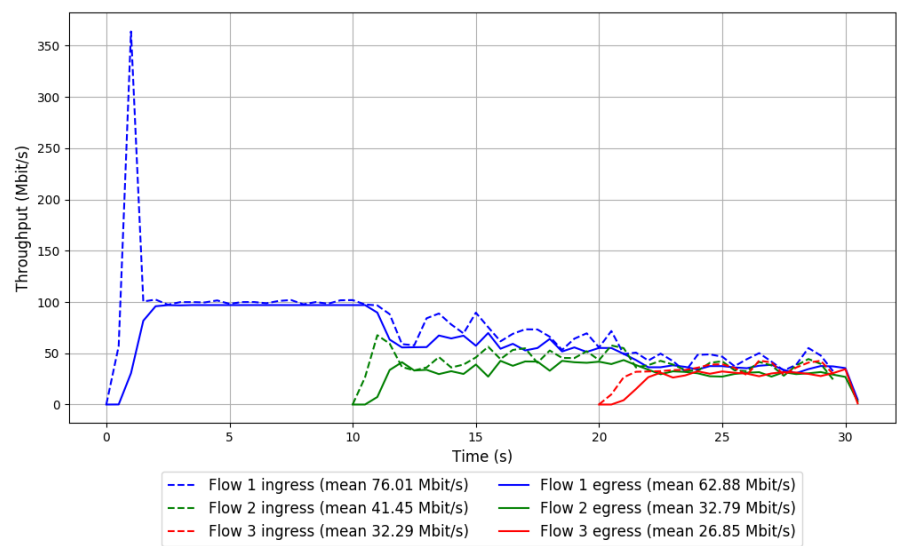


Run 1: Statistics of FillP

Start at: 2018-08-01 07:57:12
End at: 2018-08-01 07:57:42
Local clock offset: -3.885 ms
Remote clock offset: 17.905 ms

Below is generated by plot.py at 2018-08-01 11:20:59
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.57 Mbit/s
95th percentile per-packet one-way delay: 102.598 ms
Loss rate: 18.12%
-- Flow 1:
Average throughput: 62.88 Mbit/s
95th percentile per-packet one-way delay: 102.167 ms
Loss rate: 17.25%
-- Flow 2:
Average throughput: 32.79 Mbit/s
95th percentile per-packet one-way delay: 101.935 ms
Loss rate: 20.92%
-- Flow 3:
Average throughput: 26.85 Mbit/s
95th percentile per-packet one-way delay: 103.393 ms
Loss rate: 17.04%

Run 1: Report of FillP — Data Link

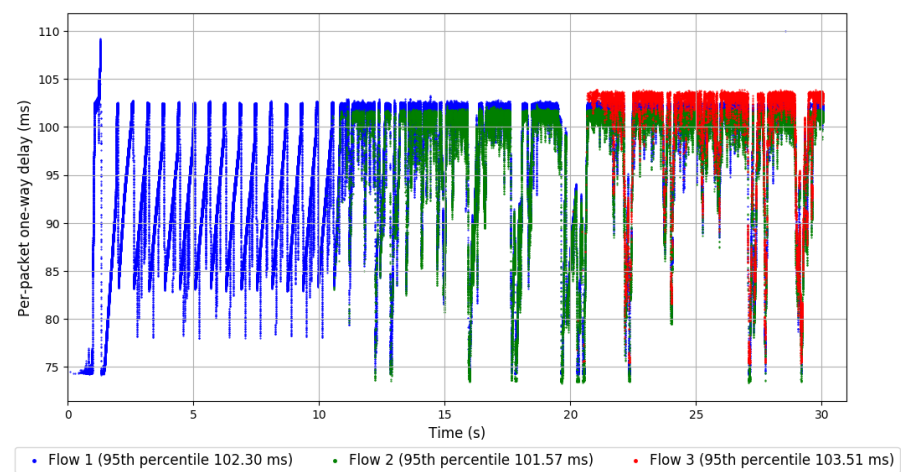
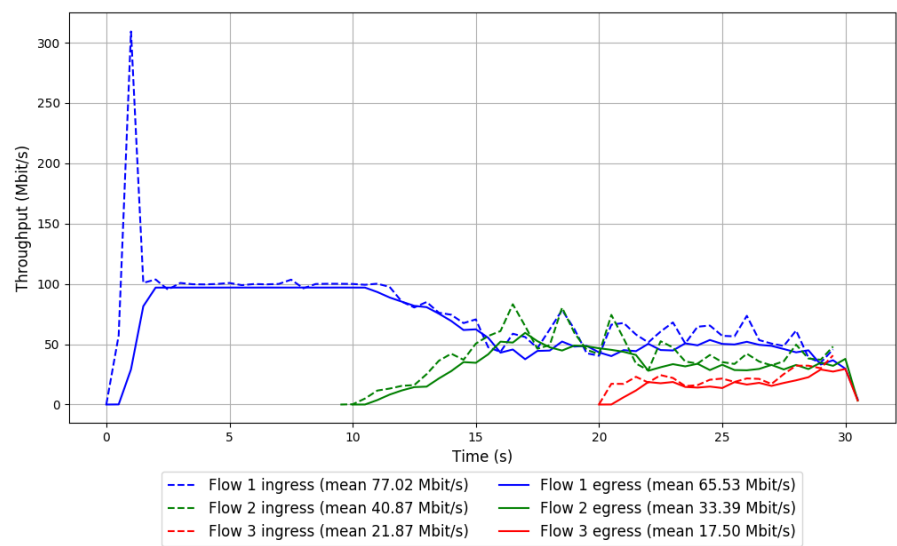


Run 2: Statistics of FillP

Start at: 2018-08-01 08:18:12
End at: 2018-08-01 08:18:42
Local clock offset: -5.97 ms
Remote clock offset: 16.667 ms

Below is generated by plot.py at 2018-08-01 11:21:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.57 Mbit/s
95th percentile per-packet one-way delay: 102.420 ms
Loss rate: 16.00%
-- Flow 1:
Average throughput: 65.53 Mbit/s
95th percentile per-packet one-way delay: 102.300 ms
Loss rate: 14.84%
-- Flow 2:
Average throughput: 33.39 Mbit/s
95th percentile per-packet one-way delay: 101.569 ms
Loss rate: 18.25%
-- Flow 3:
Average throughput: 17.50 Mbit/s
95th percentile per-packet one-way delay: 103.508 ms
Loss rate: 19.87%

Run 2: Report of FillP — Data Link

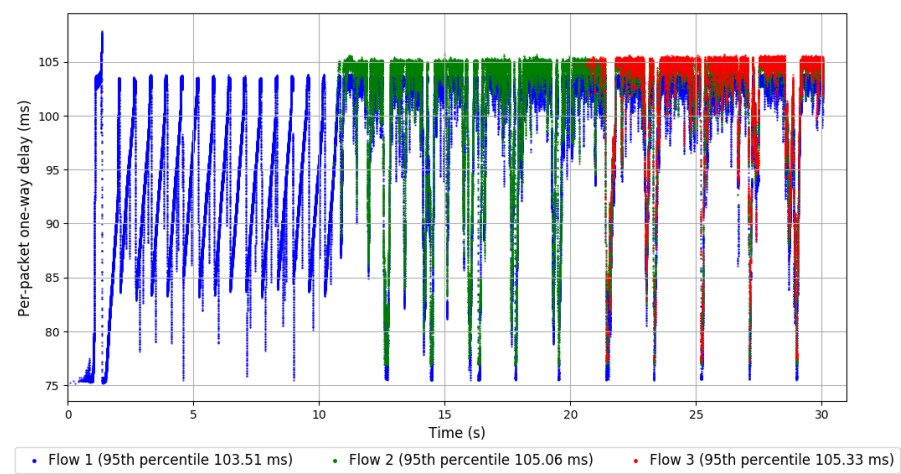
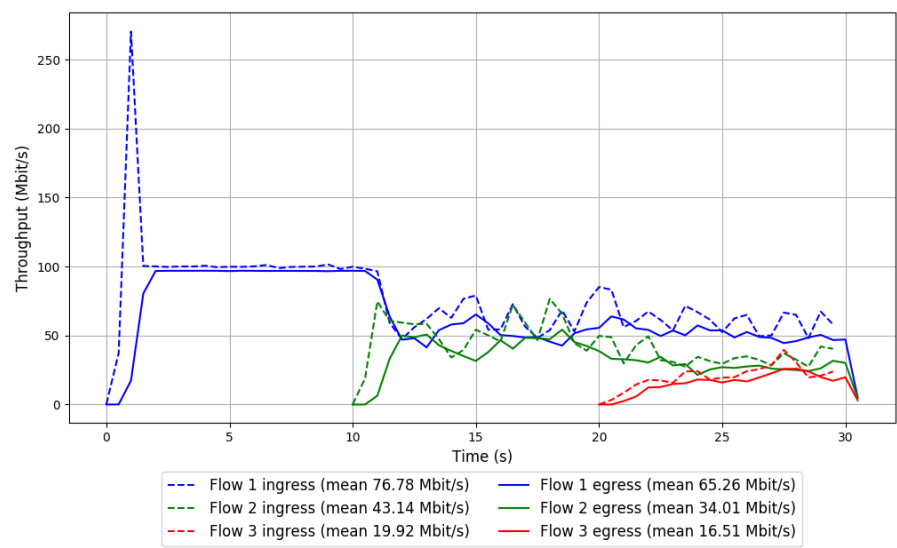


Run 3: Statistics of FillP

Start at: 2018-08-01 08:39:13
End at: 2018-08-01 08:39:43
Local clock offset: -3.469 ms
Remote clock offset: 11.442 ms

Below is generated by plot.py at 2018-08-01 11:21:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.36 Mbit/s
95th percentile per-packet one-way delay: 104.928 ms
Loss rate: 16.65%
-- Flow 1:
Average throughput: 65.26 Mbit/s
95th percentile per-packet one-way delay: 103.512 ms
Loss rate: 14.93%
-- Flow 2:
Average throughput: 34.01 Mbit/s
95th percentile per-packet one-way delay: 105.055 ms
Loss rate: 21.13%
-- Flow 3:
Average throughput: 16.51 Mbit/s
95th percentile per-packet one-way delay: 105.332 ms
Loss rate: 17.11%

Run 3: Report of FillP — Data Link



Run 4: Statistics of FillP

Start at: 2018-08-01 09:00:16

End at: 2018-08-01 09:00:46

Local clock offset: -5.082 ms

Remote clock offset: 3.449 ms

Below is generated by plot.py at 2018-08-01 11:21:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.52 Mbit/s

95th percentile per-packet one-way delay: 98.869 ms

Loss rate: 17.17%

-- Flow 1:

Average throughput: 61.70 Mbit/s

95th percentile per-packet one-way delay: 98.436 ms

Loss rate: 16.62%

-- Flow 2:

Average throughput: 40.35 Mbit/s

95th percentile per-packet one-way delay: 99.032 ms

Loss rate: 18.77%

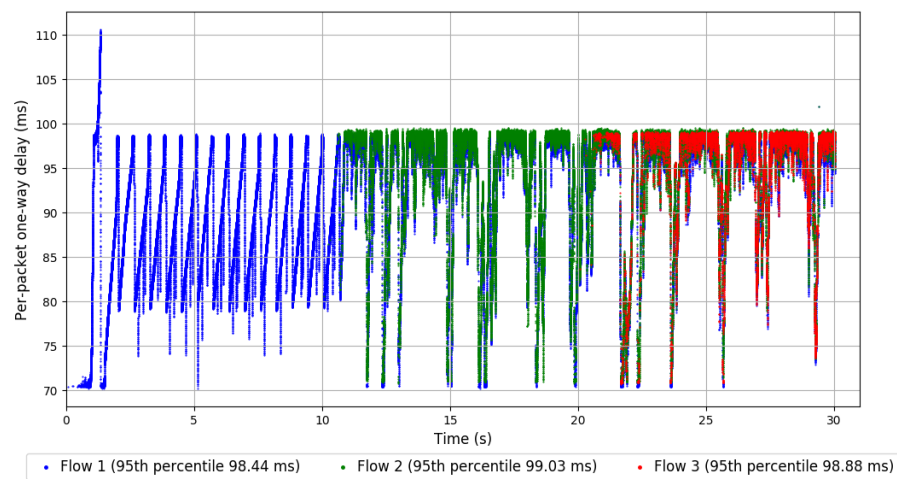
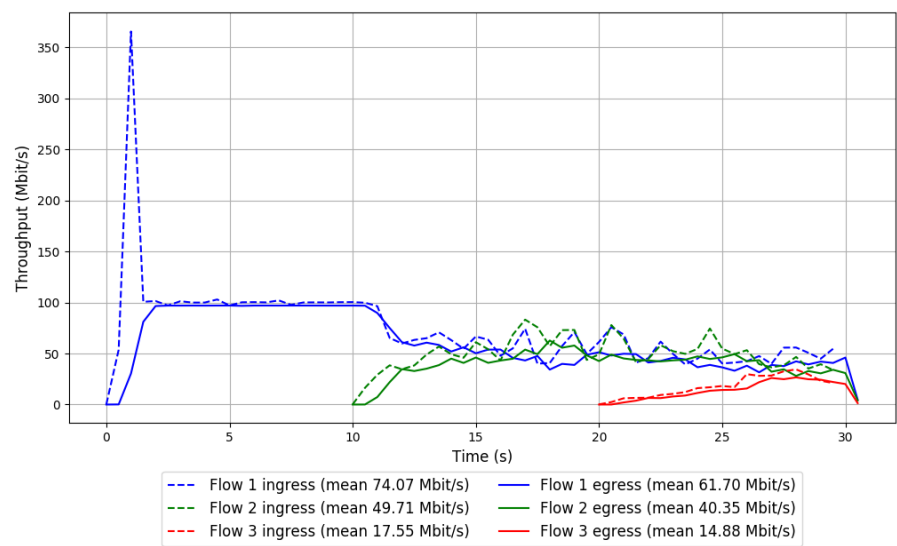
-- Flow 3:

Average throughput: 14.88 Mbit/s

95th percentile per-packet one-way delay: 98.879 ms

Loss rate: 15.09%

Run 4: Report of FillP — Data Link

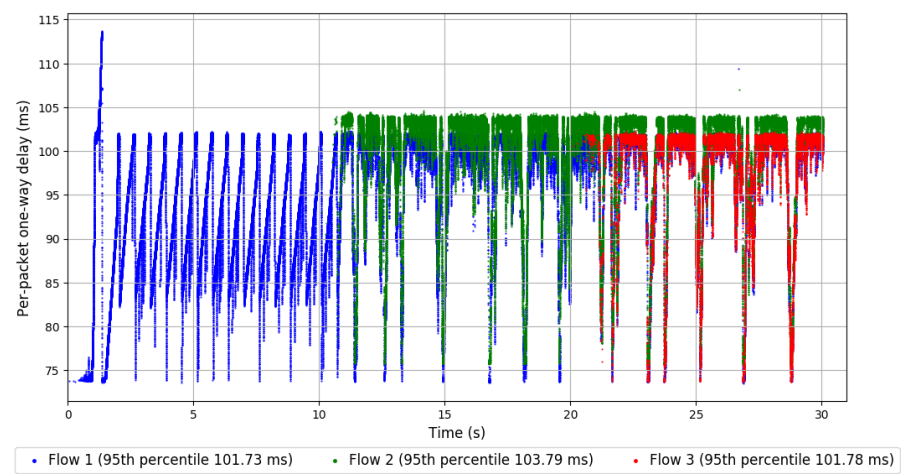
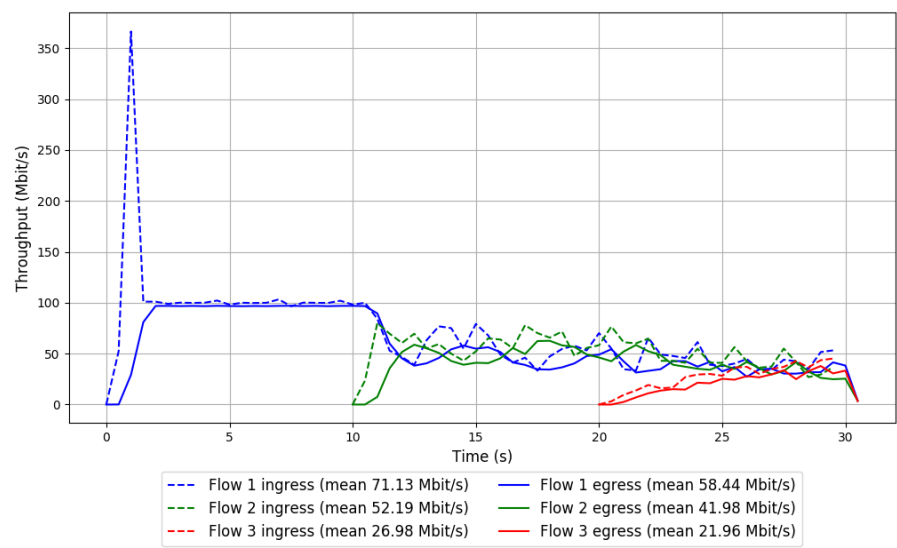


Run 5: Statistics of FillP

Start at: 2018-08-01 09:21:19
End at: 2018-08-01 09:21:49
Local clock offset: -6.981 ms
Remote clock offset: 14.022 ms

Below is generated by plot.py at 2018-08-01 11:21:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.67 Mbit/s
95th percentile per-packet one-way delay: 103.608 ms
Loss rate: 18.36%
-- Flow 1:
Average throughput: 58.44 Mbit/s
95th percentile per-packet one-way delay: 101.735 ms
Loss rate: 17.77%
-- Flow 2:
Average throughput: 41.98 Mbit/s
95th percentile per-packet one-way delay: 103.794 ms
Loss rate: 19.52%
-- Flow 3:
Average throughput: 21.96 Mbit/s
95th percentile per-packet one-way delay: 101.776 ms
Loss rate: 18.60%

Run 5: Report of FillP — Data Link

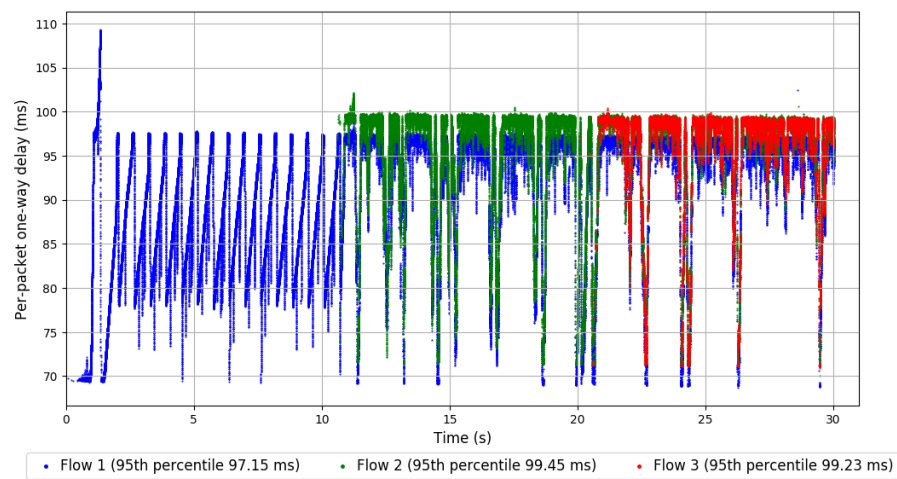
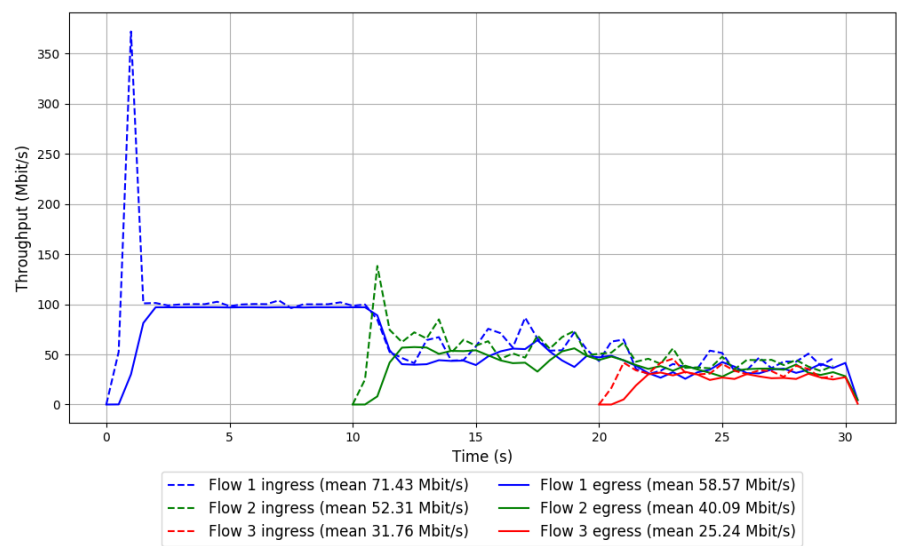


Run 6: Statistics of FillP

Start at: 2018-08-01 09:42:20
End at: 2018-08-01 09:42:50
Local clock offset: -5.696 ms
Remote clock offset: 15.687 ms

Below is generated by plot.py at 2018-08-01 11:21:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.63 Mbit/s
95th percentile per-packet one-way delay: 99.245 ms
Loss rate: 19.76%
-- Flow 1:
Average throughput: 58.57 Mbit/s
95th percentile per-packet one-way delay: 97.148 ms
Loss rate: 17.93%
-- Flow 2:
Average throughput: 40.09 Mbit/s
95th percentile per-packet one-way delay: 99.453 ms
Loss rate: 23.28%
-- Flow 3:
Average throughput: 25.24 Mbit/s
95th percentile per-packet one-way delay: 99.235 ms
Loss rate: 20.52%

Run 6: Report of FillP — Data Link

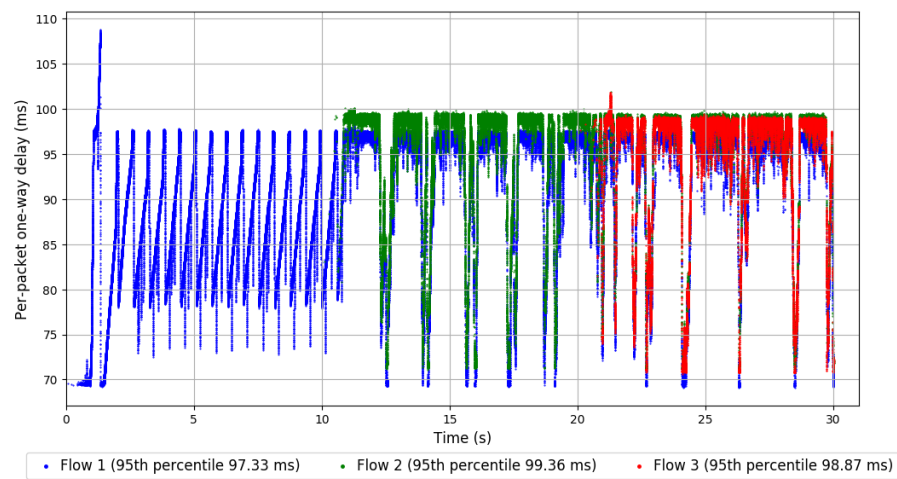
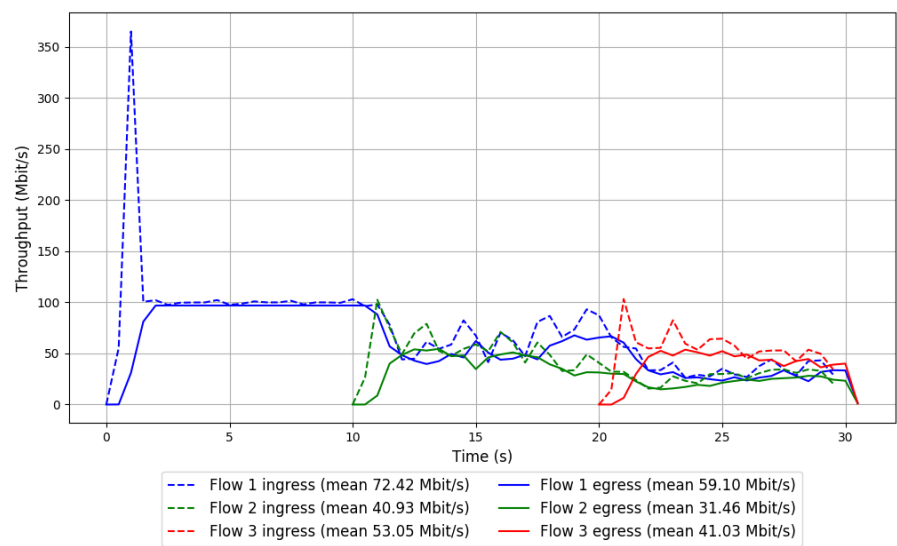


Run 7: Statistics of FillP

Start at: 2018-08-01 10:03:24
End at: 2018-08-01 10:03:54
Local clock offset: -5.788 ms
Remote clock offset: 29.103 ms

Below is generated by plot.py at 2018-08-01 11:21:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.60 Mbit/s
95th percentile per-packet one-way delay: 99.115 ms
Loss rate: 20.17%
-- Flow 1:
Average throughput: 59.10 Mbit/s
95th percentile per-packet one-way delay: 97.327 ms
Loss rate: 18.39%
-- Flow 2:
Average throughput: 31.46 Mbit/s
95th percentile per-packet one-way delay: 99.362 ms
Loss rate: 23.18%
-- Flow 3:
Average throughput: 41.03 Mbit/s
95th percentile per-packet one-way delay: 98.867 ms
Loss rate: 22.85%

Run 7: Report of FillP — Data Link

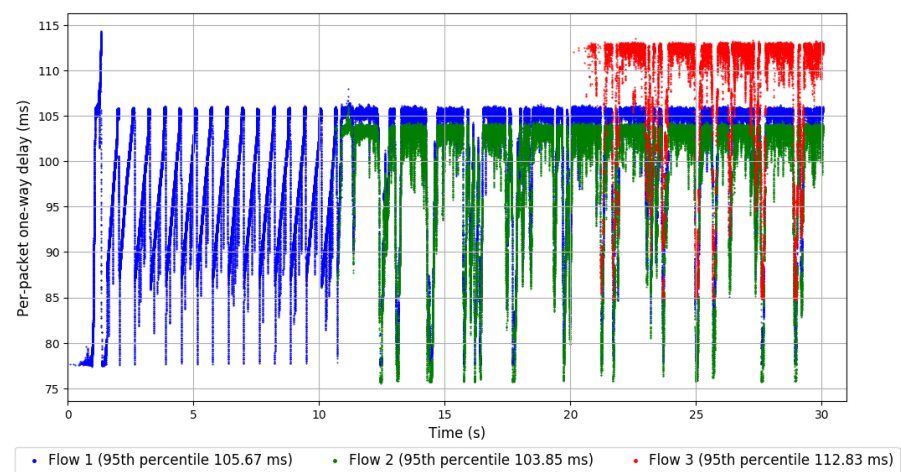
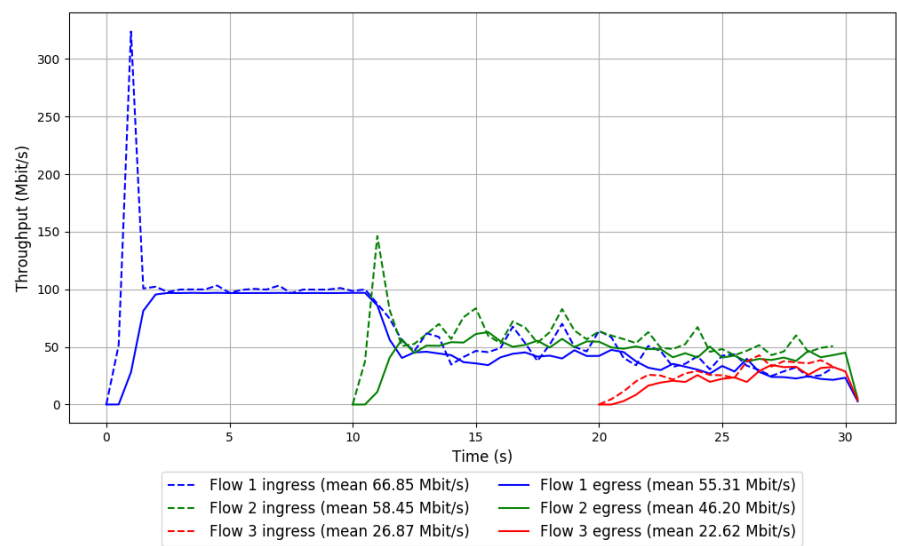


Run 8: Statistics of FillP

Start at: 2018-08-01 10:24:30
End at: 2018-08-01 10:25:00
Local clock offset: -5.057 ms
Remote clock offset: 41.408 ms

Below is generated by plot.py at 2018-08-01 11:21:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.56 Mbit/s
95th percentile per-packet one-way delay: 110.988 ms
Loss rate: 18.34%
-- Flow 1:
Average throughput: 55.31 Mbit/s
95th percentile per-packet one-way delay: 105.670 ms
Loss rate: 17.19%
-- Flow 2:
Average throughput: 46.20 Mbit/s
95th percentile per-packet one-way delay: 103.847 ms
Loss rate: 20.88%
-- Flow 3:
Average throughput: 22.62 Mbit/s
95th percentile per-packet one-way delay: 112.831 ms
Loss rate: 15.88%

Run 8: Report of FillP — Data Link

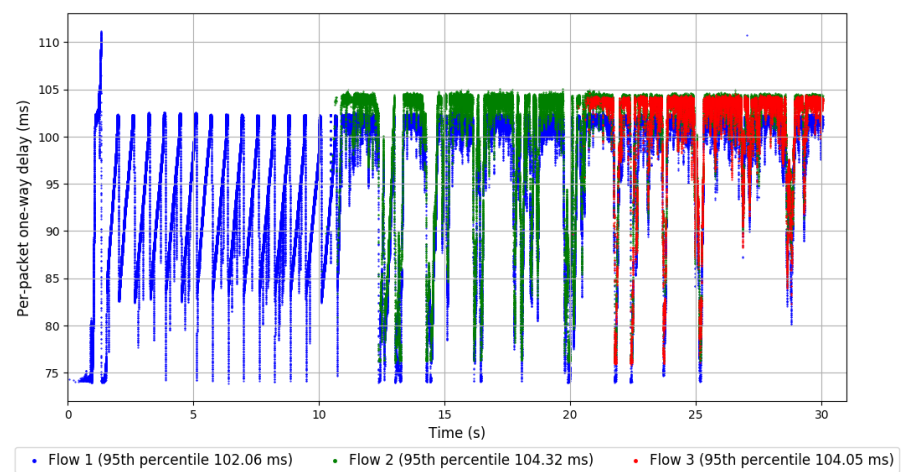
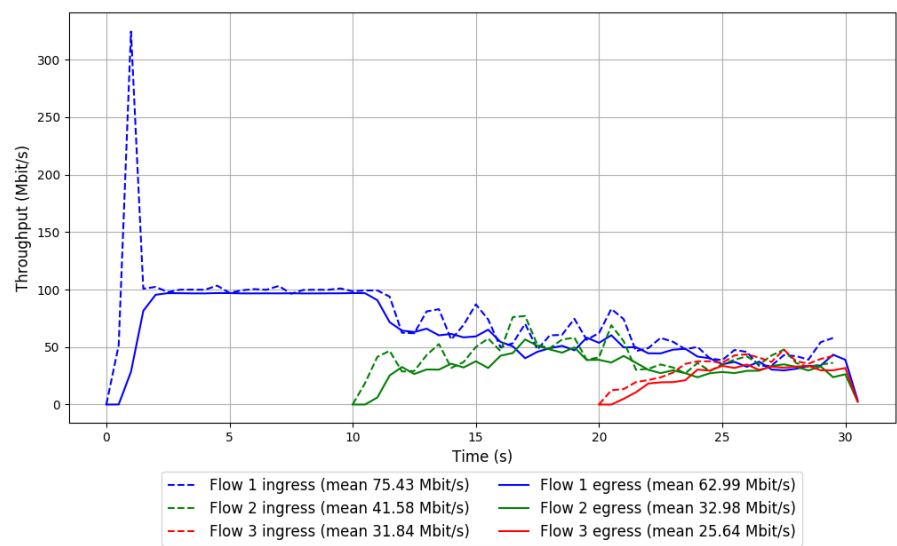


Run 9: Statistics of FillP

Start at: 2018-08-01 10:45:36
End at: 2018-08-01 10:46:06
Local clock offset: -1.174 ms
Remote clock offset: 45.871 ms

Below is generated by plot.py at 2018-08-01 11:22:26
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.44 Mbit/s
95th percentile per-packet one-way delay: 104.097 ms
Loss rate: 17.72%
-- Flow 1:
Average throughput: 62.99 Mbit/s
95th percentile per-packet one-way delay: 102.063 ms
Loss rate: 16.42%
-- Flow 2:
Average throughput: 32.98 Mbit/s
95th percentile per-packet one-way delay: 104.321 ms
Loss rate: 20.62%
-- Flow 3:
Average throughput: 25.64 Mbit/s
95th percentile per-packet one-way delay: 104.046 ms
Loss rate: 19.36%

Run 9: Report of FillP — Data Link



Run 10: Statistics of FillP

Start at: 2018-08-01 11:06:45

End at: 2018-08-01 11:07:15

Local clock offset: 0.128 ms

Remote clock offset: 5.653 ms

Below is generated by plot.py at 2018-08-01 11:22:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.30 Mbit/s

95th percentile per-packet one-way delay: 109.477 ms

Loss rate: 20.07%

-- Flow 1:

Average throughput: 54.06 Mbit/s

95th percentile per-packet one-way delay: 109.608 ms

Loss rate: 18.46%

-- Flow 2:

Average throughput: 42.65 Mbit/s

95th percentile per-packet one-way delay: 106.619 ms

Loss rate: 22.54%

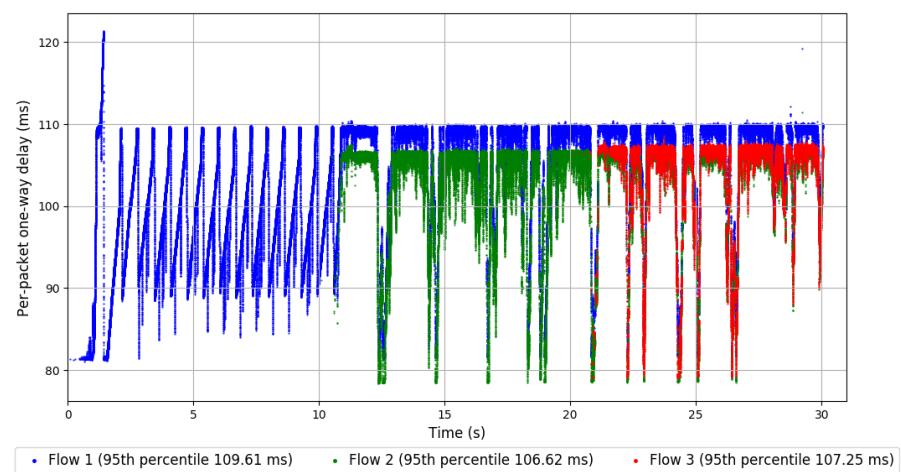
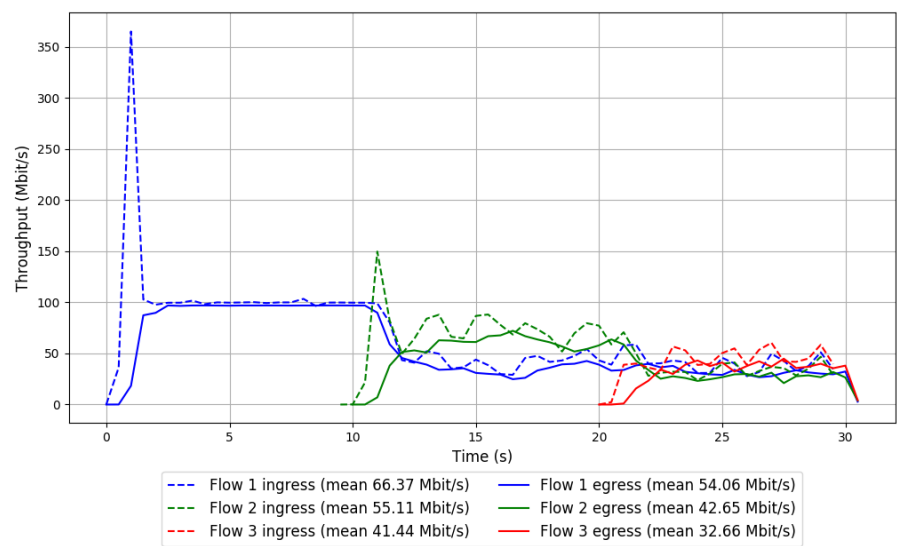
-- Flow 3:

Average throughput: 32.66 Mbit/s

95th percentile per-packet one-way delay: 107.249 ms

Loss rate: 21.18%

Run 10: Report of FillP — Data Link

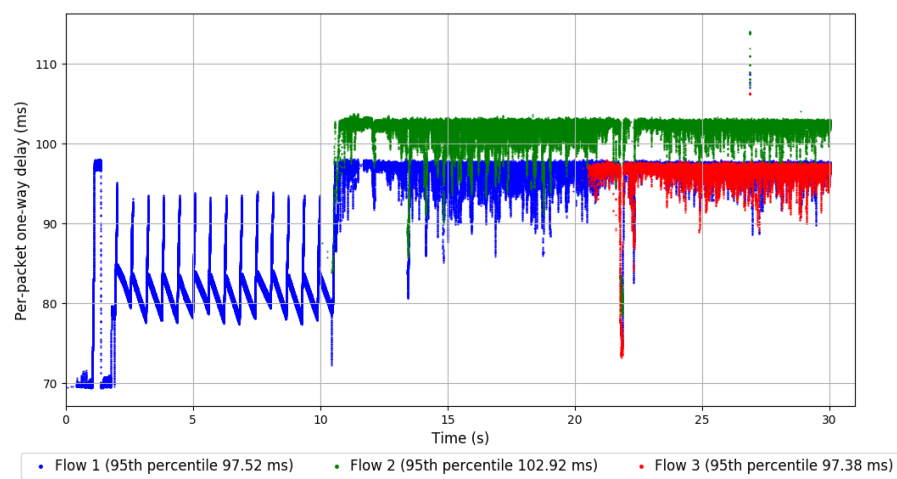
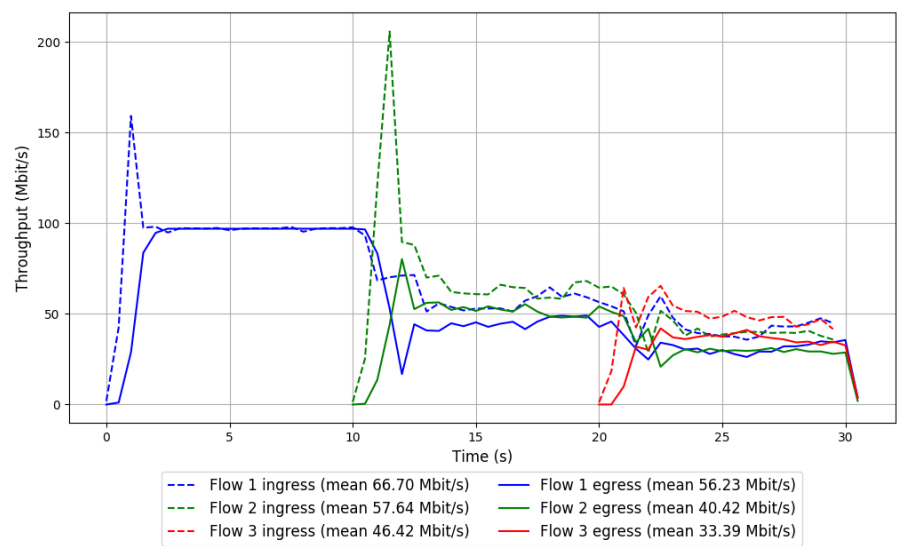


Run 1: Statistics of FillP-Sheep

Start at: 2018-08-01 07:51:02
End at: 2018-08-01 07:51:32
Local clock offset: -2.533 ms
Remote clock offset: 12.445 ms

Below is generated by plot.py at 2018-08-01 11:22:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.21 Mbit/s
95th percentile per-packet one-way delay: 102.742 ms
Loss rate: 21.75%
-- Flow 1:
Average throughput: 56.23 Mbit/s
95th percentile per-packet one-way delay: 97.523 ms
Loss rate: 15.63%
-- Flow 2:
Average throughput: 40.42 Mbit/s
95th percentile per-packet one-way delay: 102.916 ms
Loss rate: 29.84%
-- Flow 3:
Average throughput: 33.39 Mbit/s
95th percentile per-packet one-way delay: 97.375 ms
Loss rate: 28.06%

Run 1: Report of FillP-Sheep — Data Link

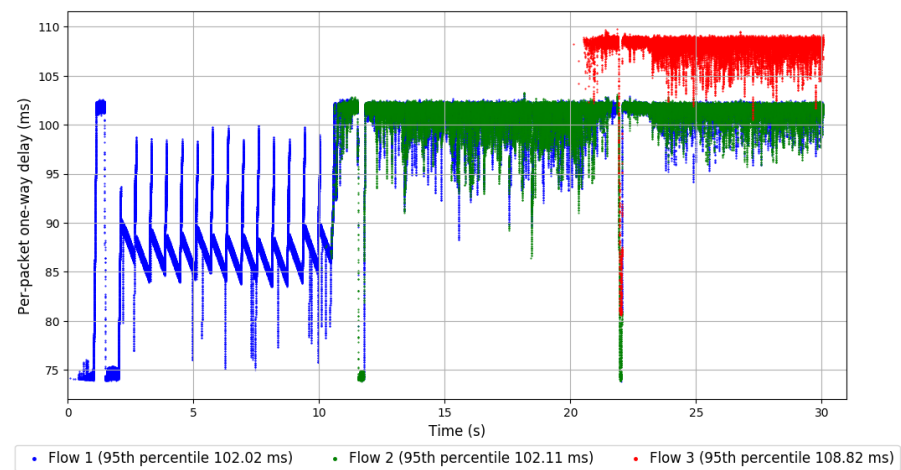
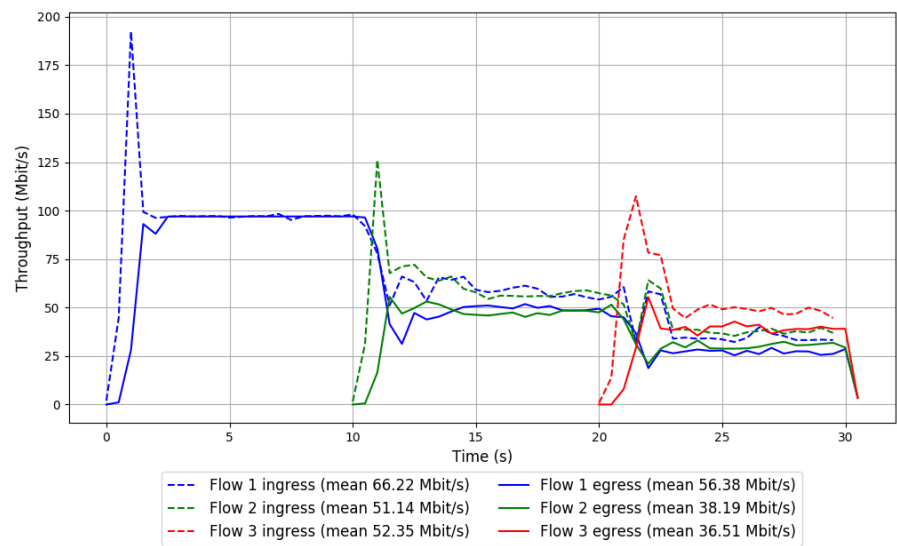


Run 2: Statistics of FillP-Sheep

Start at: 2018-08-01 08:12:03
End at: 2018-08-01 08:12:33
Local clock offset: -5.656 ms
Remote clock offset: 16.645 ms

Below is generated by plot.py at 2018-08-01 11:22:58
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.89 Mbit/s
95th percentile per-packet one-way delay: 108.441 ms
Loss rate: 20.10%
-- Flow 1:
Average throughput: 56.38 Mbit/s
95th percentile per-packet one-way delay: 102.020 ms
Loss rate: 14.78%
-- Flow 2:
Average throughput: 38.19 Mbit/s
95th percentile per-packet one-way delay: 102.111 ms
Loss rate: 25.25%
-- Flow 3:
Average throughput: 36.51 Mbit/s
95th percentile per-packet one-way delay: 108.816 ms
Loss rate: 30.28%

Run 2: Report of FillP-Sheep — Data Link

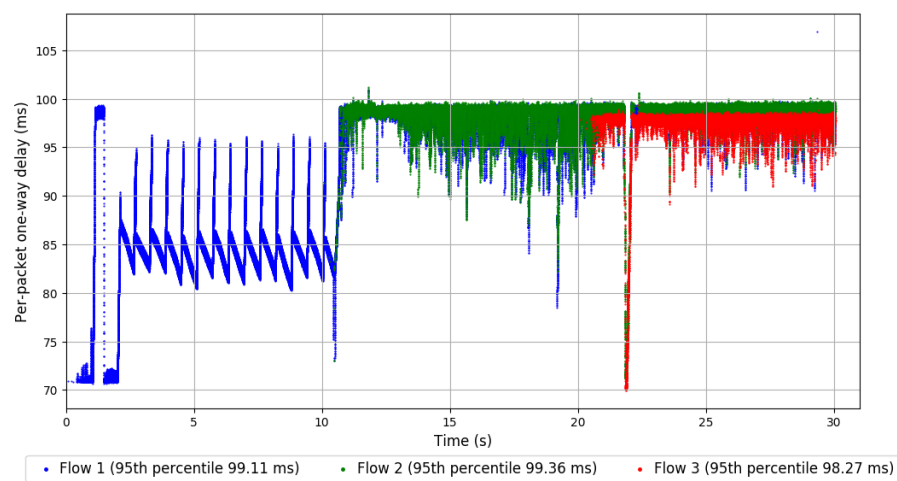
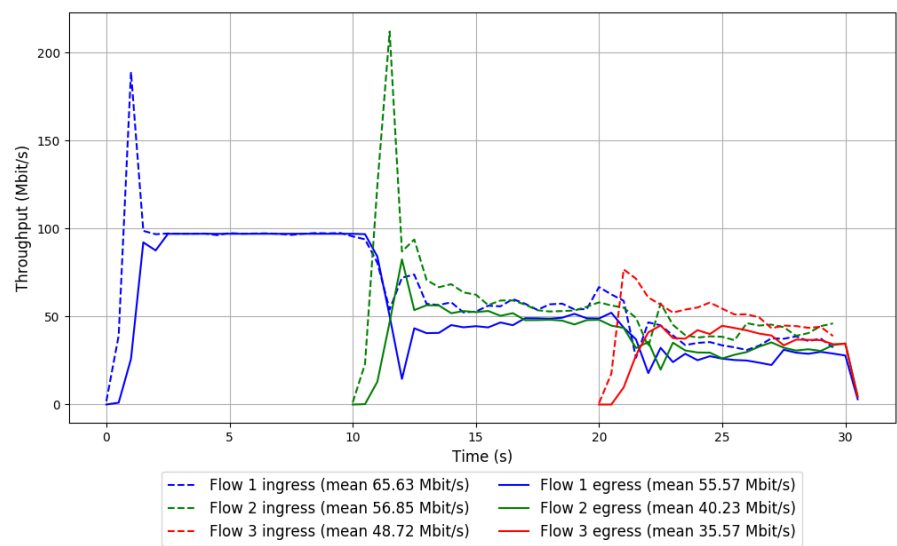


Run 3: Statistics of FillP-Sheep

Start at: 2018-08-01 08:33:02
End at: 2018-08-01 08:33:32
Local clock offset: -4.056 ms
Remote clock offset: 11.561 ms

Below is generated by plot.py at 2018-08-01 11:23:06
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.14 Mbit/s
95th percentile per-packet one-way delay: 99.224 ms
Loss rate: 21.25%
-- Flow 1:
Average throughput: 55.57 Mbit/s
95th percentile per-packet one-way delay: 99.106 ms
Loss rate: 15.25%
-- Flow 2:
Average throughput: 40.23 Mbit/s
95th percentile per-packet one-way delay: 99.363 ms
Loss rate: 29.21%
-- Flow 3:
Average throughput: 35.57 Mbit/s
95th percentile per-packet one-way delay: 98.274 ms
Loss rate: 26.98%

Run 3: Report of FillP-Sheep — Data Link



Run 4: Statistics of FillP-Sheep

Start at: 2018-08-01 08:54:05

End at: 2018-08-01 08:54:35

Local clock offset: -3.577 ms

Remote clock offset: 7.819 ms

Below is generated by plot.py at 2018-08-01 11:23:18

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.92 Mbit/s

95th percentile per-packet one-way delay: 104.524 ms

Loss rate: 20.97%

-- Flow 1:

Average throughput: 57.16 Mbit/s

95th percentile per-packet one-way delay: 102.256 ms

Loss rate: 15.89%

-- Flow 2:

Average throughput: 39.32 Mbit/s

95th percentile per-packet one-way delay: 102.781 ms

Loss rate: 26.34%

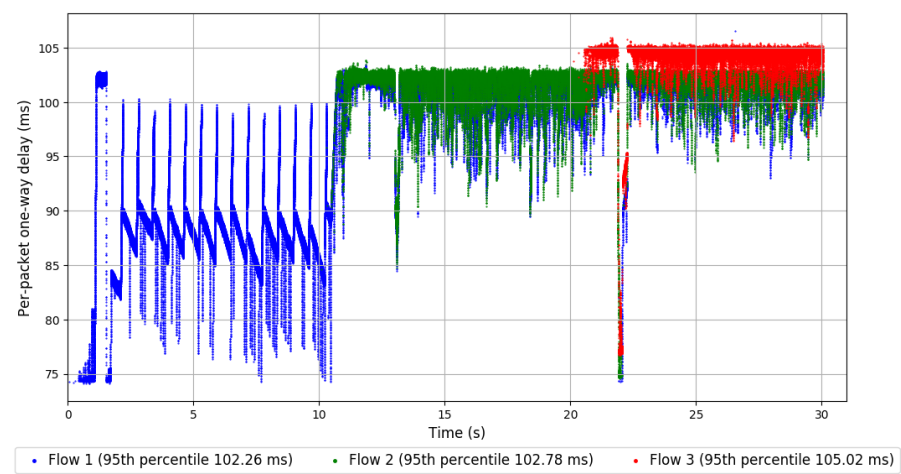
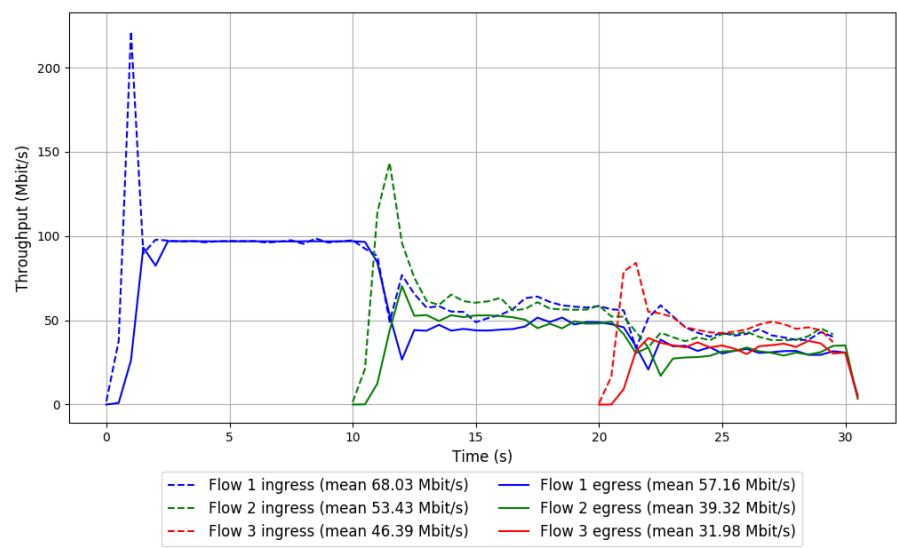
-- Flow 3:

Average throughput: 31.98 Mbit/s

95th percentile per-packet one-way delay: 105.017 ms

Loss rate: 31.06%

Run 4: Report of FillP-Sheep — Data Link

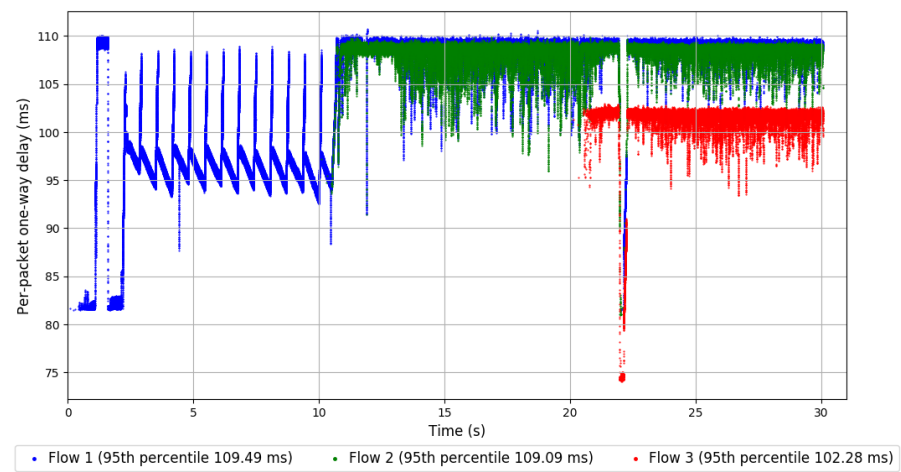
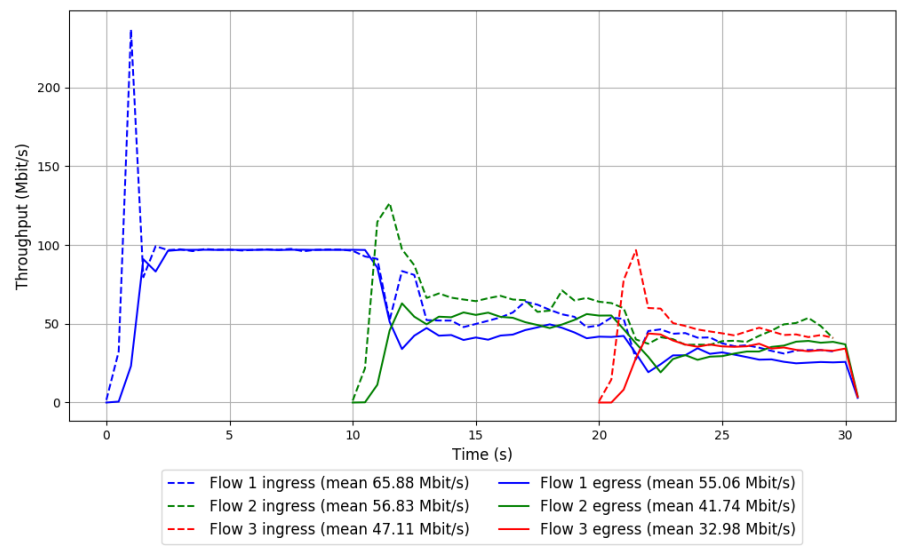


Run 5: Statistics of FillP-Sheep

Start at: 2018-08-01 09:15:09
End at: 2018-08-01 09:15:39
Local clock offset: -6.733 ms
Remote clock offset: 12.491 ms

Below is generated by plot.py at 2018-08-01 11:23:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.77 Mbit/s
95th percentile per-packet one-way delay: 109.397 ms
Loss rate: 21.38%
-- Flow 1:
Average throughput: 55.06 Mbit/s
95th percentile per-packet one-way delay: 109.494 ms
Loss rate: 16.37%
-- Flow 2:
Average throughput: 41.74 Mbit/s
95th percentile per-packet one-way delay: 109.089 ms
Loss rate: 26.55%
-- Flow 3:
Average throughput: 32.98 Mbit/s
95th percentile per-packet one-way delay: 102.285 ms
Loss rate: 30.00%

Run 5: Report of FillP-Sheep — Data Link

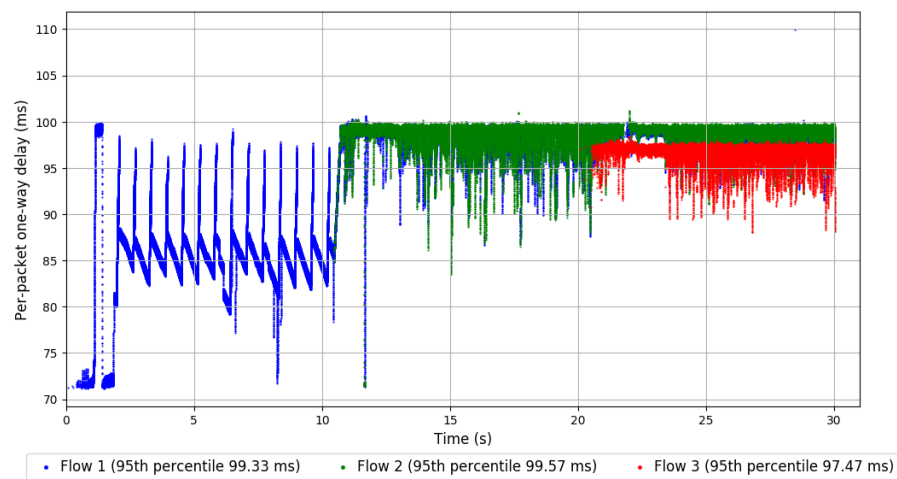
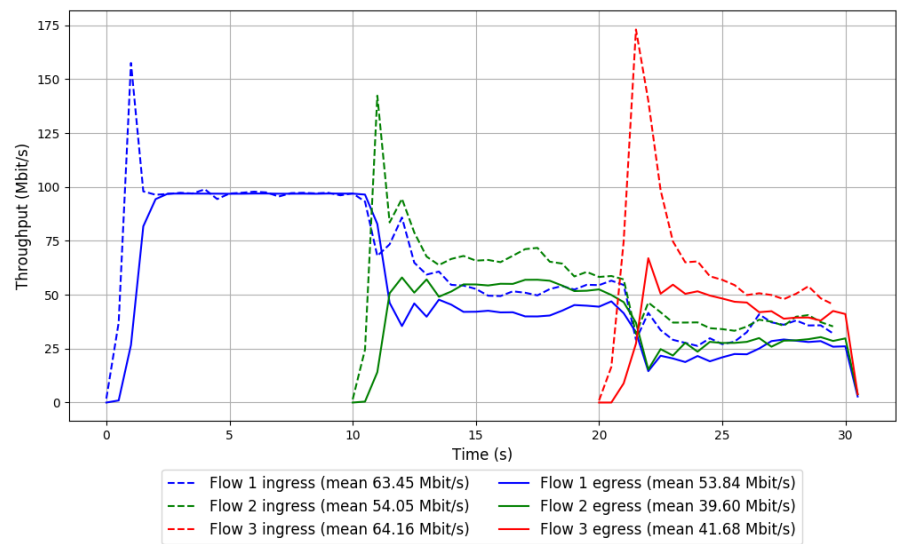


Run 6: Statistics of FillP-Sheep

Start at: 2018-08-01 09:36:10
End at: 2018-08-01 09:36:40
Local clock offset: -5.823 ms
Remote clock offset: 11.267 ms

Below is generated by plot.py at 2018-08-01 11:23:25
Datalink statistics
-- Total of 3 flows:
Average throughput: 94.02 Mbit/s
95th percentile per-packet one-way delay: 99.453 ms
Loss rate: 22.05%
-- Flow 1:
Average throughput: 53.84 Mbit/s
95th percentile per-packet one-way delay: 99.327 ms
Loss rate: 15.07%
-- Flow 2:
Average throughput: 39.60 Mbit/s
95th percentile per-packet one-way delay: 99.574 ms
Loss rate: 26.69%
-- Flow 3:
Average throughput: 41.68 Mbit/s
95th percentile per-packet one-way delay: 97.465 ms
Loss rate: 35.03%

Run 6: Report of FillP-Sheep — Data Link

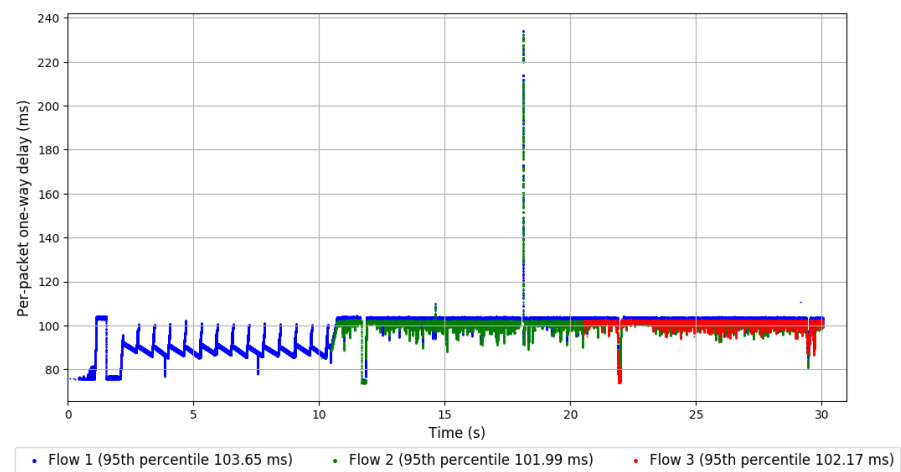
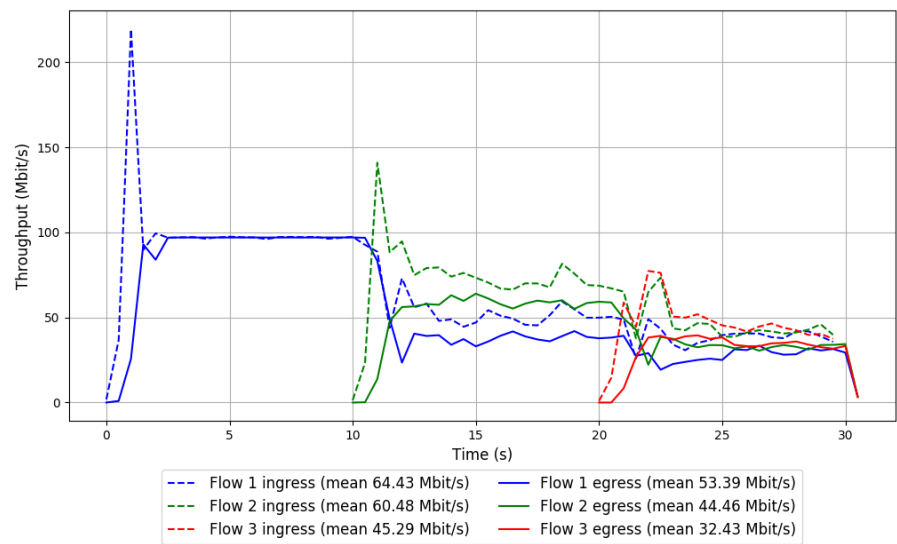


Run 7: Statistics of FillP-Sheep

Start at: 2018-08-01 09:57:12
End at: 2018-08-01 09:57:42
Local clock offset: -5.682 ms
Remote clock offset: 31.572 ms

Below is generated by plot.py at 2018-08-01 11:23:56
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.72 Mbit/s
95th percentile per-packet one-way delay: 103.547 ms
Loss rate: 21.63%
-- Flow 1:
Average throughput: 53.39 Mbit/s
95th percentile per-packet one-way delay: 103.648 ms
Loss rate: 17.05%
-- Flow 2:
Average throughput: 44.46 Mbit/s
95th percentile per-packet one-way delay: 101.991 ms
Loss rate: 26.43%
-- Flow 3:
Average throughput: 32.43 Mbit/s
95th percentile per-packet one-way delay: 102.175 ms
Loss rate: 28.40%

Run 7: Report of FillP-Sheep — Data Link

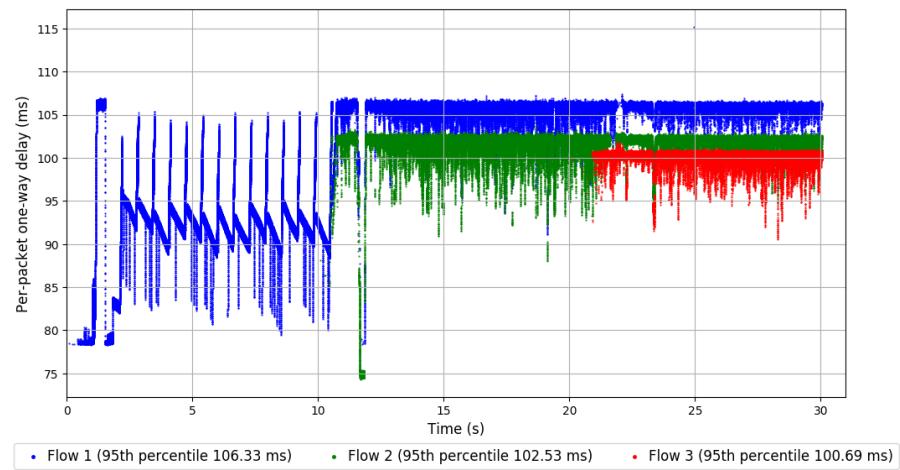
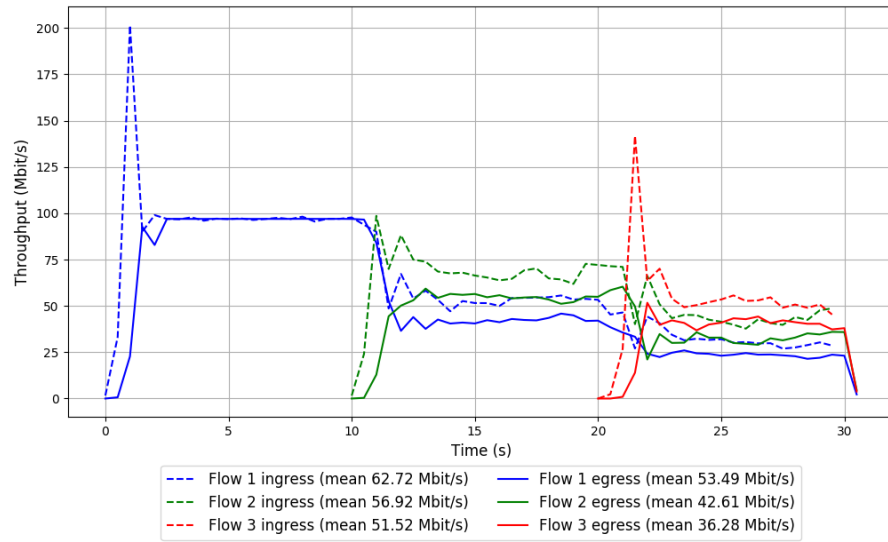


Run 8: Statistics of FillP-Sheep

Start at: 2018-08-01 10:18:19
End at: 2018-08-01 10:18:49
Local clock offset: -5.841 ms
Remote clock offset: 37.474 ms

Below is generated by plot.py at 2018-08-01 11:24:13
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.90 Mbit/s
95th percentile per-packet one-way delay: 106.213 ms
Loss rate: 20.18%
-- Flow 1:
Average throughput: 53.49 Mbit/s
95th percentile per-packet one-way delay: 106.331 ms
Loss rate: 14.66%
-- Flow 2:
Average throughput: 42.61 Mbit/s
95th percentile per-packet one-way delay: 102.527 ms
Loss rate: 25.09%
-- Flow 3:
Average throughput: 36.28 Mbit/s
95th percentile per-packet one-way delay: 100.693 ms
Loss rate: 29.57%

Run 8: Report of FillP-Sheep — Data Link

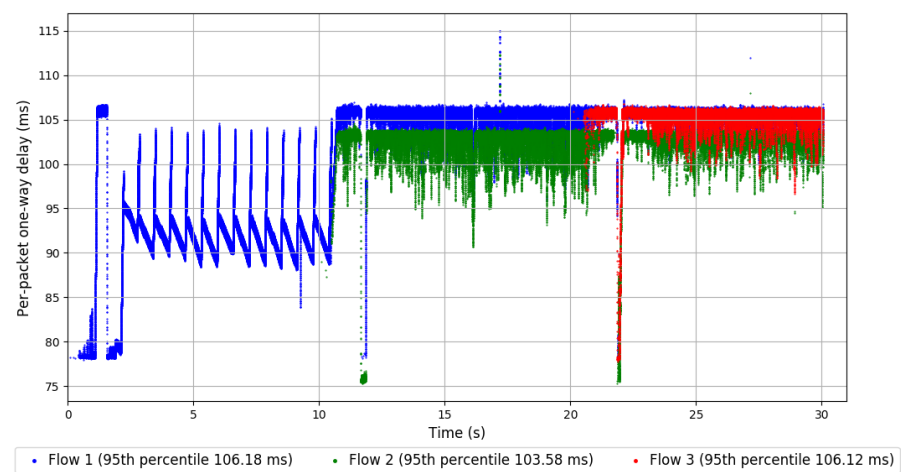
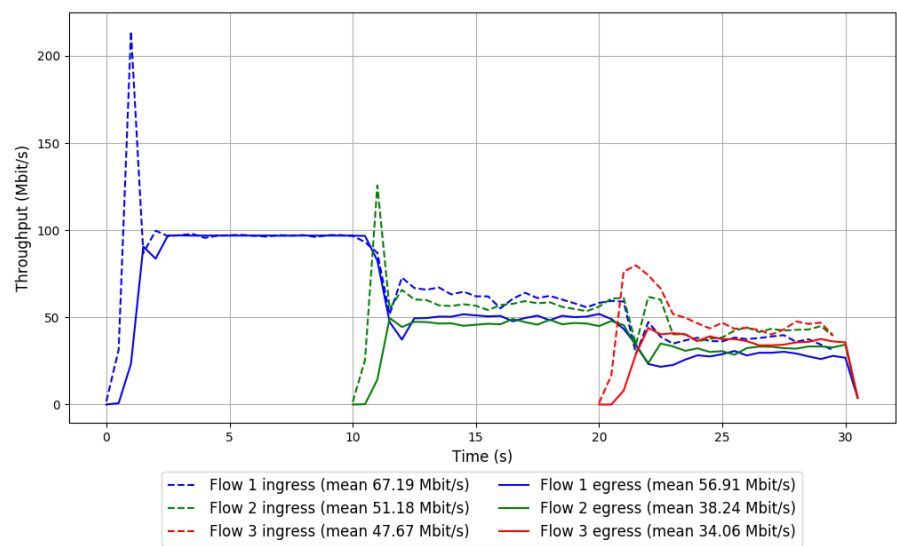


Run 9: Statistics of FillP-Sheep

Start at: 2018-08-01 10:39:26
End at: 2018-08-01 10:39:56
Local clock offset: -1.736 ms
Remote clock offset: 44.306 ms

Below is generated by plot.py at 2018-08-01 11:24:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.67 Mbit/s
95th percentile per-packet one-way delay: 106.105 ms
Loss rate: 19.93%
-- Flow 1:
Average throughput: 56.91 Mbit/s
95th percentile per-packet one-way delay: 106.176 ms
Loss rate: 15.22%
-- Flow 2:
Average throughput: 38.24 Mbit/s
95th percentile per-packet one-way delay: 103.582 ms
Loss rate: 25.23%
-- Flow 3:
Average throughput: 34.06 Mbit/s
95th percentile per-packet one-way delay: 106.118 ms
Loss rate: 28.55%

Run 9: Report of FillP-Sheep — Data Link



Run 10: Statistics of FillP-Sheep

Start at: 2018-08-01 11:00:34

End at: 2018-08-01 11:01:04

Local clock offset: -0.194 ms

Remote clock offset: 13.14 ms

Below is generated by plot.py at 2018-08-01 11:24:30

Datalink statistics

-- Total of 3 flows:

Average throughput: 93.62 Mbit/s

95th percentile per-packet one-way delay: 108.155 ms

Loss rate: 19.70%

-- Flow 1:

Average throughput: 58.68 Mbit/s

95th percentile per-packet one-way delay: 108.253 ms

Loss rate: 15.38%

-- Flow 2:

Average throughput: 37.27 Mbit/s

95th percentile per-packet one-way delay: 104.396 ms

Loss rate: 25.28%

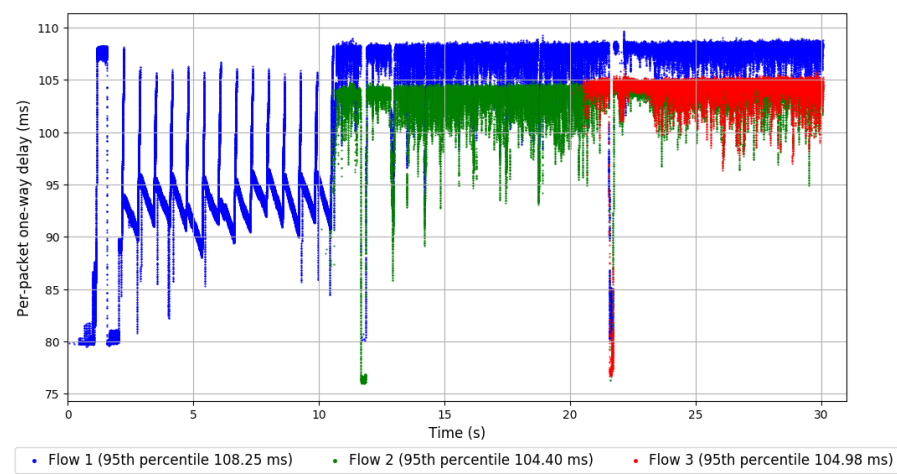
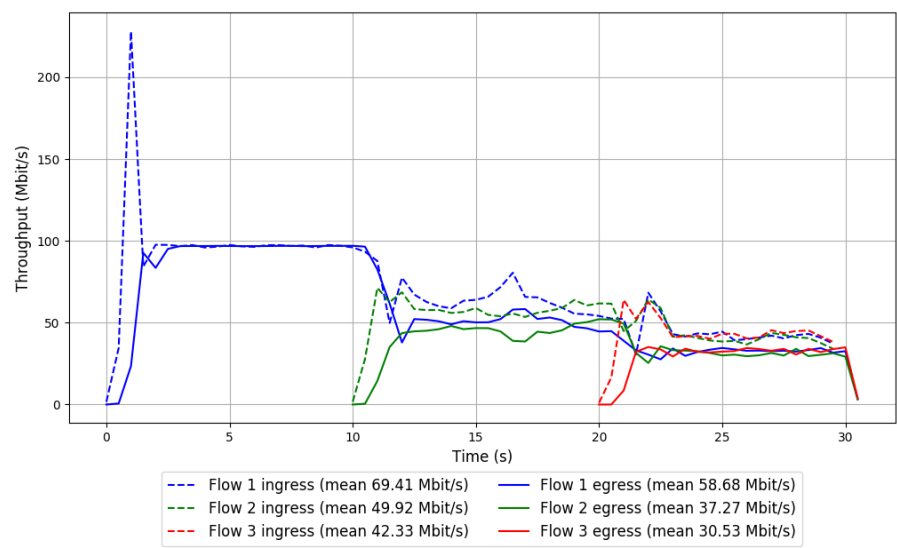
-- Flow 3:

Average throughput: 30.53 Mbit/s

95th percentile per-packet one-way delay: 104.978 ms

Loss rate: 27.87%

Run 10: Report of FillP-Sheep — Data Link

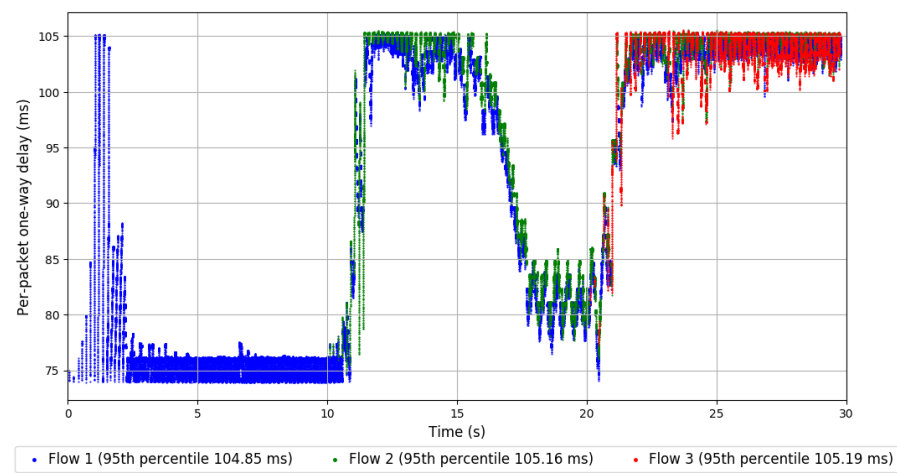
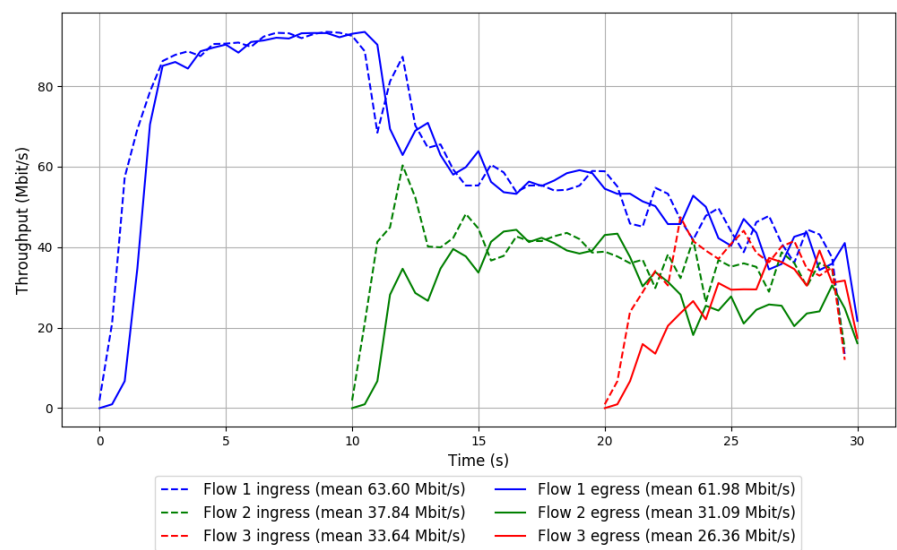


Run 1: Statistics of Indigo

Start at: 2018-08-01 07:44:50
End at: 2018-08-01 07:45:20
Local clock offset: -2.731 ms
Remote clock offset: 16.319 ms

Below is generated by plot.py at 2018-08-01 11:24:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.07 Mbit/s
95th percentile per-packet one-way delay: 105.094 ms
Loss rate: 8.37%
-- Flow 1:
Average throughput: 61.98 Mbit/s
95th percentile per-packet one-way delay: 104.847 ms
Loss rate: 2.46%
-- Flow 2:
Average throughput: 31.09 Mbit/s
95th percentile per-packet one-way delay: 105.155 ms
Loss rate: 17.73%
-- Flow 3:
Average throughput: 26.36 Mbit/s
95th percentile per-packet one-way delay: 105.190 ms
Loss rate: 21.45%

Run 1: Report of Indigo — Data Link

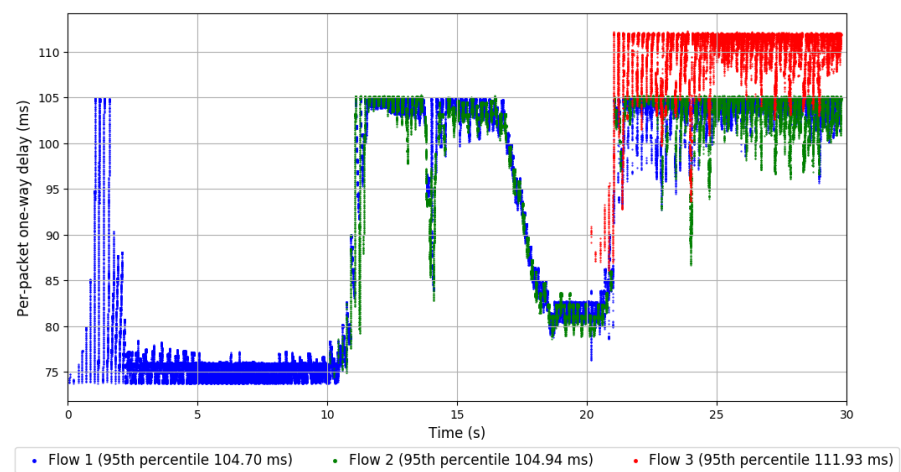
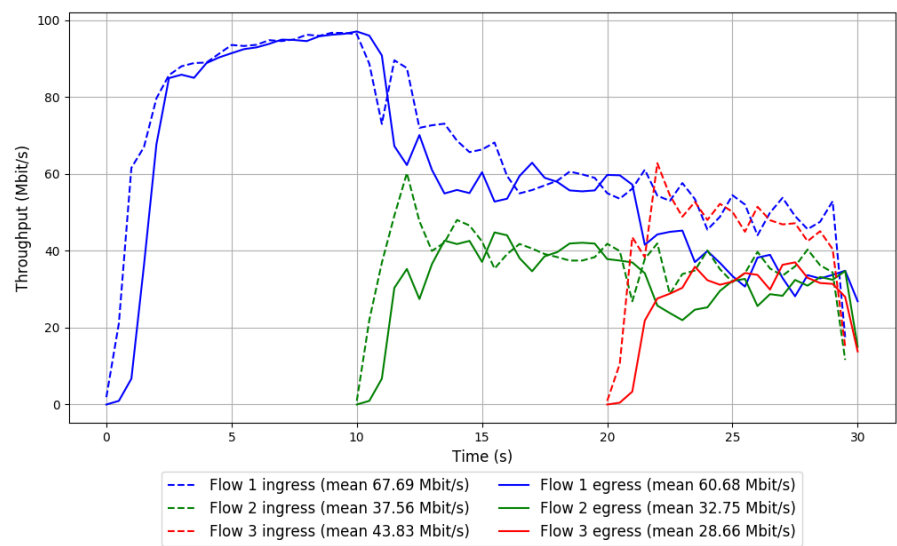


Run 2: Statistics of Indigo

Start at: 2018-08-01 08:05:52
End at: 2018-08-01 08:06:22
Local clock offset: -5.16 ms
Remote clock offset: 16.834 ms

Below is generated by plot.py at 2018-08-01 11:24:30
Datalink statistics
-- Total of 3 flows:
Average throughput: 91.63 Mbit/s
95th percentile per-packet one-way delay: 111.036 ms
Loss rate: 14.06%
-- Flow 1:
Average throughput: 60.68 Mbit/s
95th percentile per-packet one-way delay: 104.698 ms
Loss rate: 10.27%
-- Flow 2:
Average throughput: 32.75 Mbit/s
95th percentile per-packet one-way delay: 104.942 ms
Loss rate: 12.69%
-- Flow 3:
Average throughput: 28.66 Mbit/s
95th percentile per-packet one-way delay: 111.928 ms
Loss rate: 34.50%

Run 2: Report of Indigo — Data Link

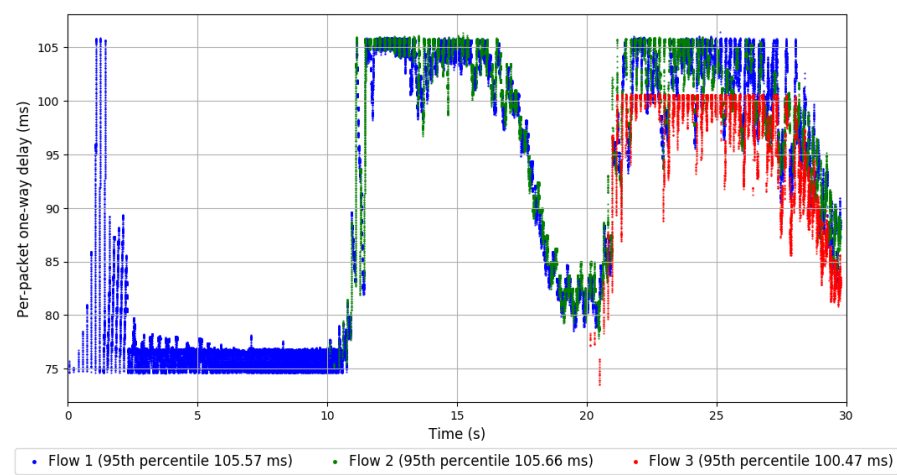
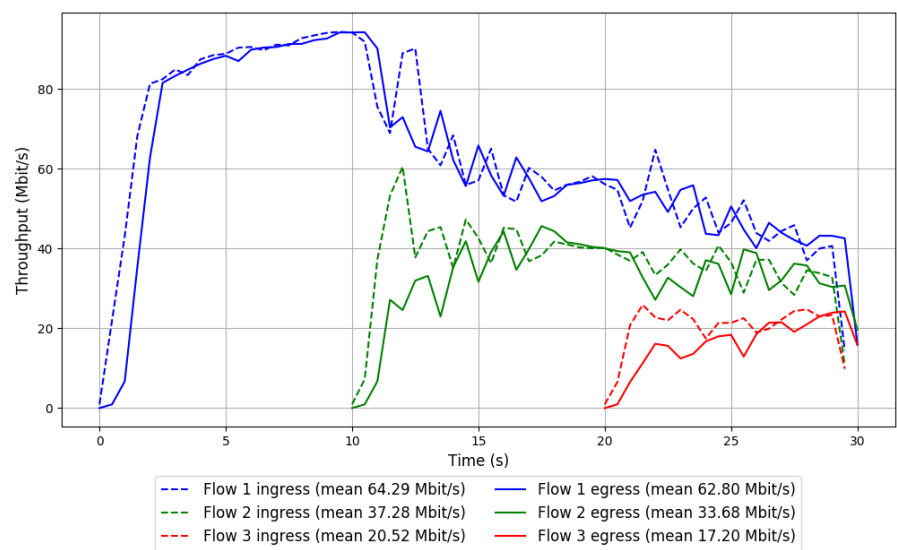


Run 3: Statistics of Indigo

Start at: 2018-08-01 08:26:51
End at: 2018-08-01 08:27:21
Local clock offset: -4.965 ms
Remote clock offset: 12.279 ms

Below is generated by plot.py at 2018-08-01 11:24:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.67 Mbit/s
95th percentile per-packet one-way delay: 105.598 ms
Loss rate: 5.14%
-- Flow 1:
Average throughput: 62.80 Mbit/s
95th percentile per-packet one-way delay: 105.571 ms
Loss rate: 2.29%
-- Flow 2:
Average throughput: 33.68 Mbit/s
95th percentile per-packet one-way delay: 105.660 ms
Loss rate: 9.60%
-- Flow 3:
Average throughput: 17.20 Mbit/s
95th percentile per-packet one-way delay: 100.470 ms
Loss rate: 16.15%

Run 3: Report of Indigo — Data Link



Run 4: Statistics of Indigo

Start at: 2018-08-01 08:47:53

End at: 2018-08-01 08:48:23

Local clock offset: -3.072 ms

Remote clock offset: 6.184 ms

Below is generated by plot.py at 2018-08-01 11:24:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.64 Mbit/s

95th percentile per-packet one-way delay: 109.238 ms

Loss rate: 4.68%

-- Flow 1:

Average throughput: 65.40 Mbit/s

95th percentile per-packet one-way delay: 110.267 ms

Loss rate: 3.25%

-- Flow 2:

Average throughput: 30.77 Mbit/s

95th percentile per-packet one-way delay: 103.018 ms

Loss rate: 9.77%

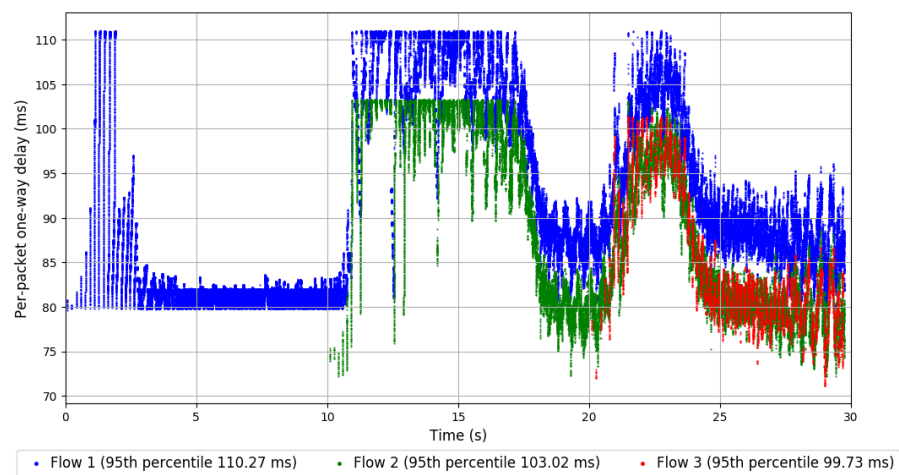
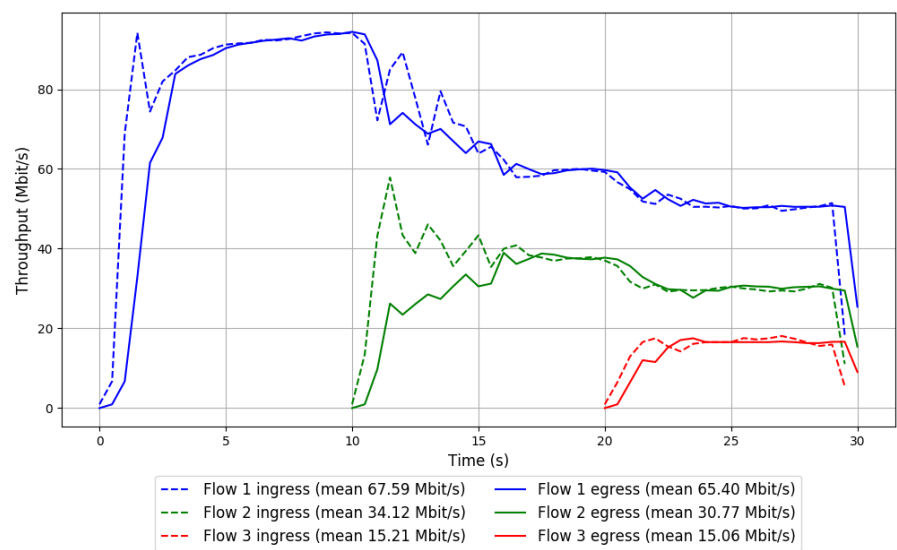
-- Flow 3:

Average throughput: 15.06 Mbit/s

95th percentile per-packet one-way delay: 99.726 ms

Loss rate: 1.00%

Run 4: Report of Indigo — Data Link



Run 5: Statistics of Indigo

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

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

Local clock offset: -6.221 ms

Remote clock offset: 9.657 ms

Below is generated by plot.py at 2018-08-01 11:25:10

Datalink statistics

-- Total of 3 flows:

Average throughput: 90.91 Mbit/s

95th percentile per-packet one-way delay: 109.055 ms

Loss rate: 9.14%

-- Flow 1:

Average throughput: 60.05 Mbit/s

95th percentile per-packet one-way delay: 104.853 ms

Loss rate: 4.16%

-- Flow 2:

Average throughput: 33.34 Mbit/s

95th percentile per-packet one-way delay: 104.417 ms

Loss rate: 14.20%

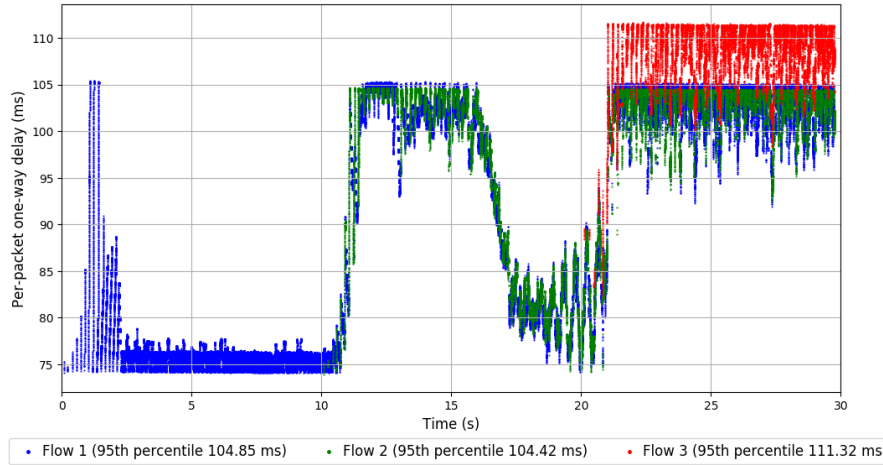
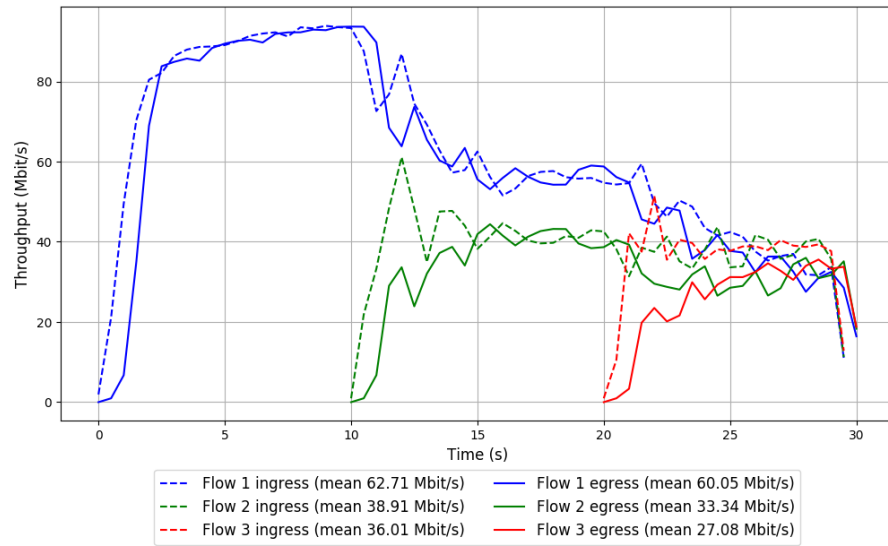
-- Flow 3:

Average throughput: 27.08 Mbit/s

95th percentile per-packet one-way delay: 111.324 ms

Loss rate: 24.68%

Run 5: Report of Indigo — Data Link

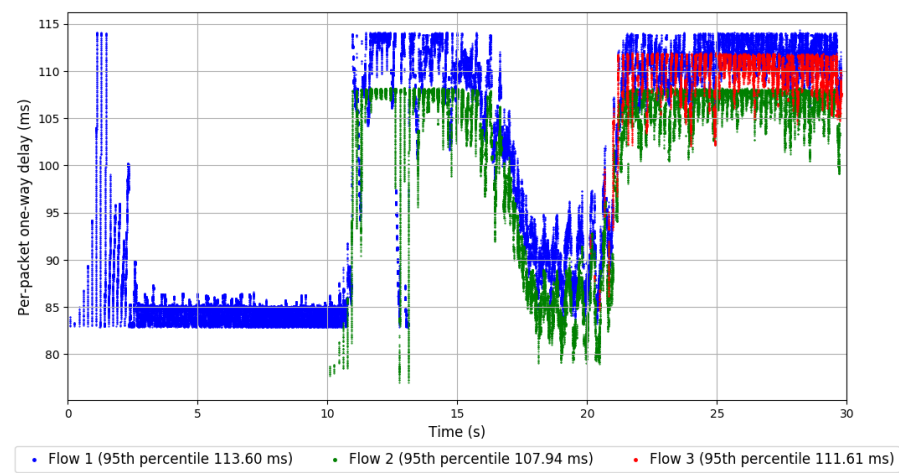
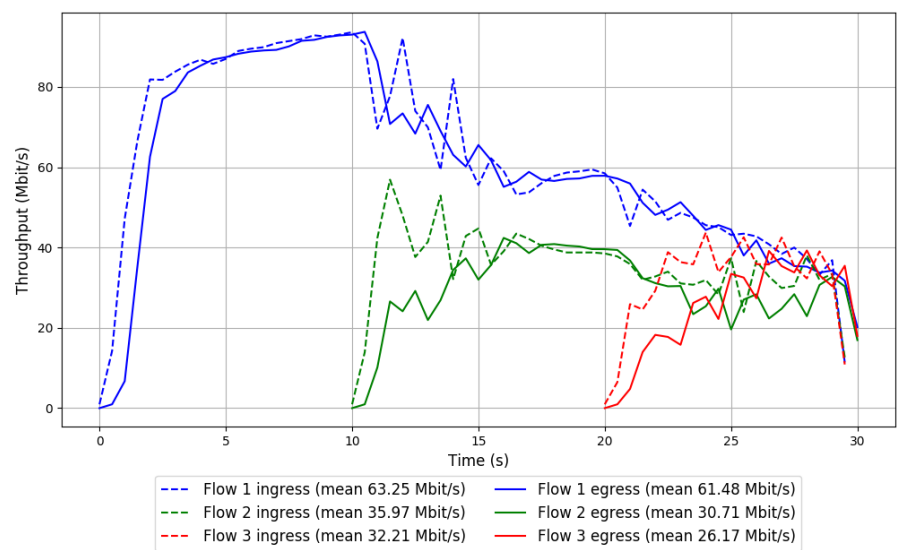


Run 6: Statistics of Indigo

Start at: 2018-08-01 09:29:59
End at: 2018-08-01 09:30:29
Local clock offset: -6.139 ms
Remote clock offset: 16.384 ms

Below is generated by plot.py at 2018-08-01 11:25:23
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.27 Mbit/s
95th percentile per-packet one-way delay: 113.213 ms
Loss rate: 7.30%
-- Flow 1:
Average throughput: 61.48 Mbit/s
95th percentile per-packet one-way delay: 113.599 ms
Loss rate: 2.71%
-- Flow 2:
Average throughput: 30.71 Mbit/s
95th percentile per-packet one-way delay: 107.944 ms
Loss rate: 14.53%
-- Flow 3:
Average throughput: 26.17 Mbit/s
95th percentile per-packet one-way delay: 111.612 ms
Loss rate: 18.61%

Run 6: Report of Indigo — Data Link

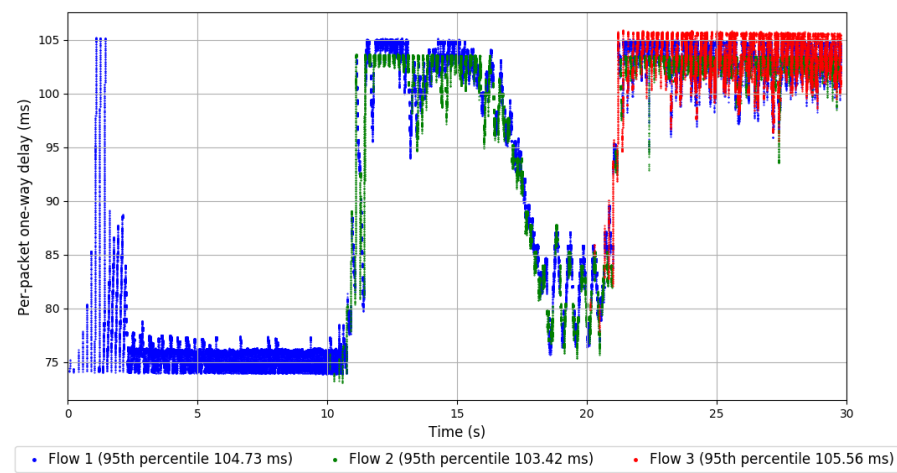
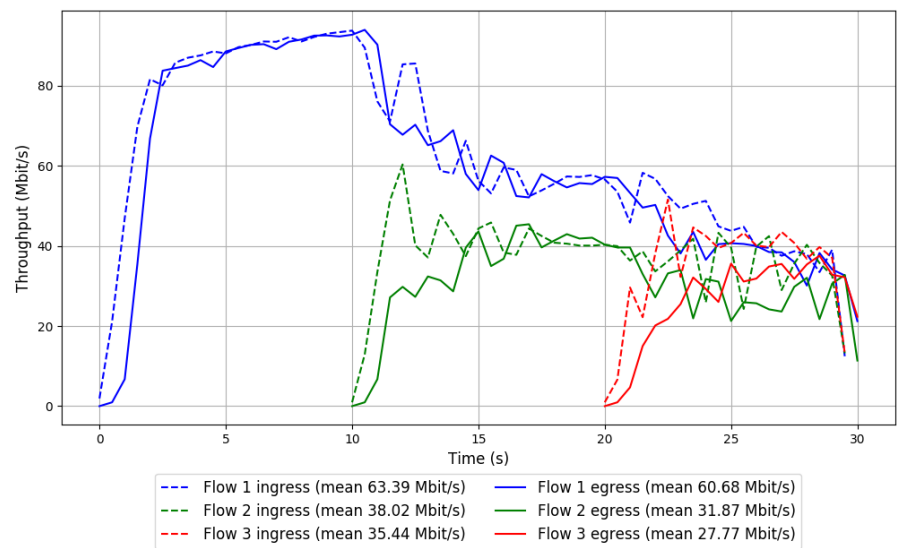


Run 7: Statistics of Indigo

Start at: 2018-08-01 09:51:00
End at: 2018-08-01 09:51:30
Local clock offset: -5.724 ms
Remote clock offset: 24.236 ms

Below is generated by plot.py at 2018-08-01 11:25:24
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.70 Mbit/s
95th percentile per-packet one-way delay: 104.777 ms
Loss rate: 9.15%
-- Flow 1:
Average throughput: 60.68 Mbit/s
95th percentile per-packet one-way delay: 104.732 ms
Loss rate: 4.19%
-- Flow 2:
Average throughput: 31.87 Mbit/s
95th percentile per-packet one-way delay: 103.419 ms
Loss rate: 16.05%
-- Flow 3:
Average throughput: 27.77 Mbit/s
95th percentile per-packet one-way delay: 105.555 ms
Loss rate: 21.44%

Run 7: Report of Indigo — Data Link

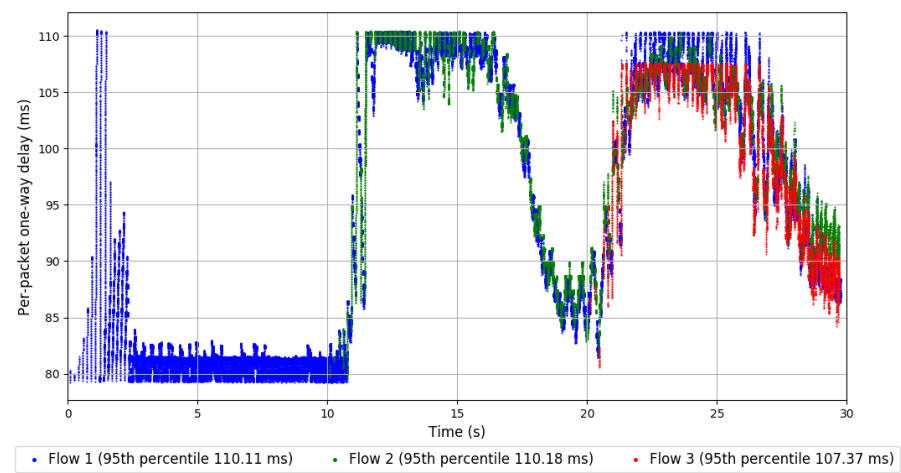
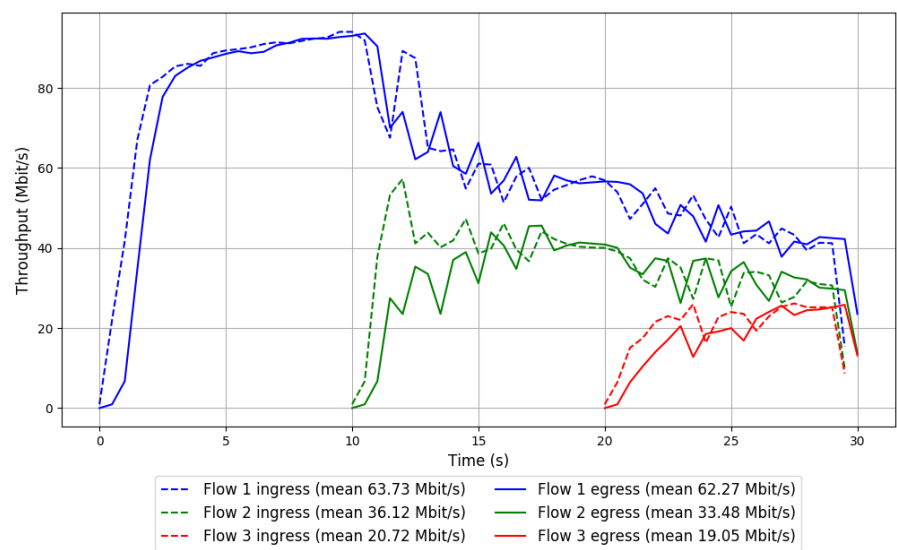


Run 8: Statistics of Indigo

Start at: 2018-08-01 10:12:05
End at: 2018-08-01 10:12:35
Local clock offset: -5.782 ms
Remote clock offset: 38.041 ms

Below is generated by plot.py at 2018-08-01 11:25:38
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.55 Mbit/s
95th percentile per-packet one-way delay: 110.134 ms
Loss rate: 3.94%
-- Flow 1:
Average throughput: 62.27 Mbit/s
95th percentile per-packet one-way delay: 110.107 ms
Loss rate: 2.27%
-- Flow 2:
Average throughput: 33.48 Mbit/s
95th percentile per-packet one-way delay: 110.181 ms
Loss rate: 7.25%
-- Flow 3:
Average throughput: 19.05 Mbit/s
95th percentile per-packet one-way delay: 107.372 ms
Loss rate: 8.02%

Run 8: Report of Indigo — Data Link

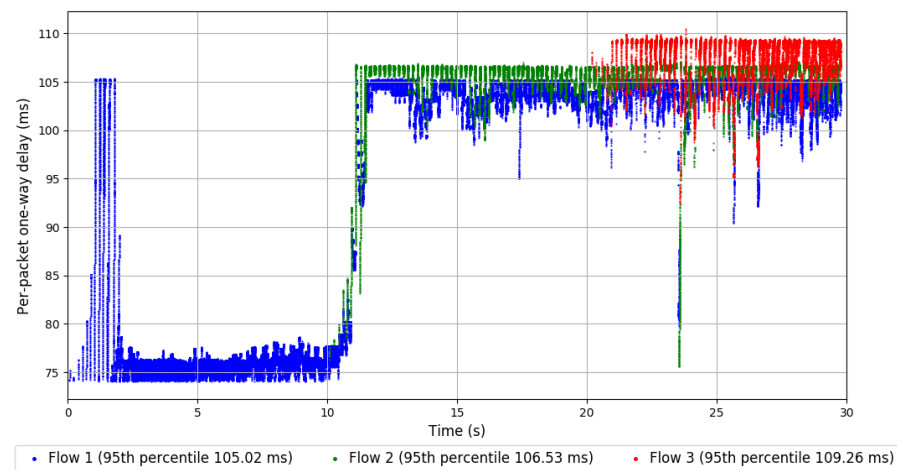
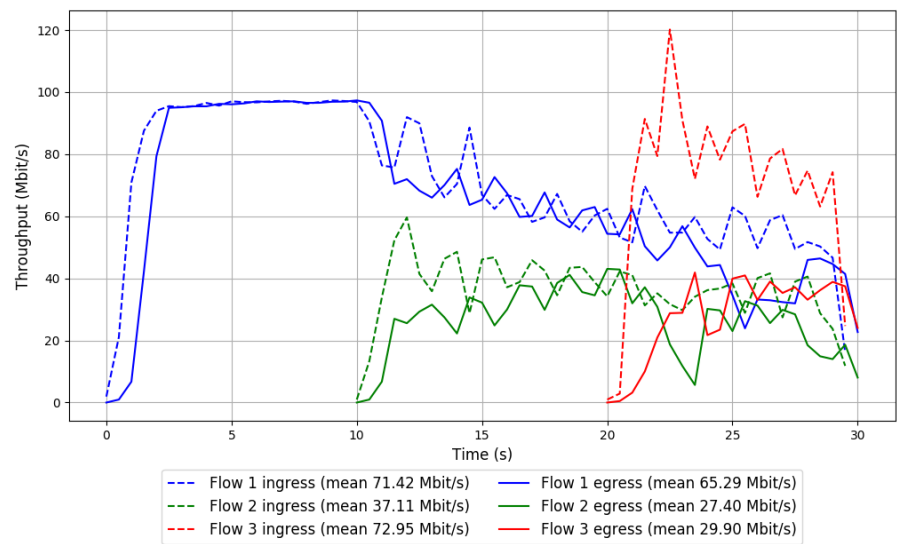


Run 9: Statistics of Indigo

Start at: 2018-08-01 10:33:12
End at: 2018-08-01 10:33:42
Local clock offset: -2.633 ms
Remote clock offset: 42.591 ms

Below is generated by plot.py at 2018-08-01 11:25:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 93.01 Mbit/s
95th percentile per-packet one-way delay: 108.502 ms
Loss rate: 22.07%
-- Flow 1:
Average throughput: 65.29 Mbit/s
95th percentile per-packet one-way delay: 105.019 ms
Loss rate: 8.49%
-- Flow 2:
Average throughput: 27.40 Mbit/s
95th percentile per-packet one-way delay: 106.526 ms
Loss rate: 26.06%
-- Flow 3:
Average throughput: 29.90 Mbit/s
95th percentile per-packet one-way delay: 109.259 ms
Loss rate: 59.01%

Run 9: Report of Indigo — Data Link

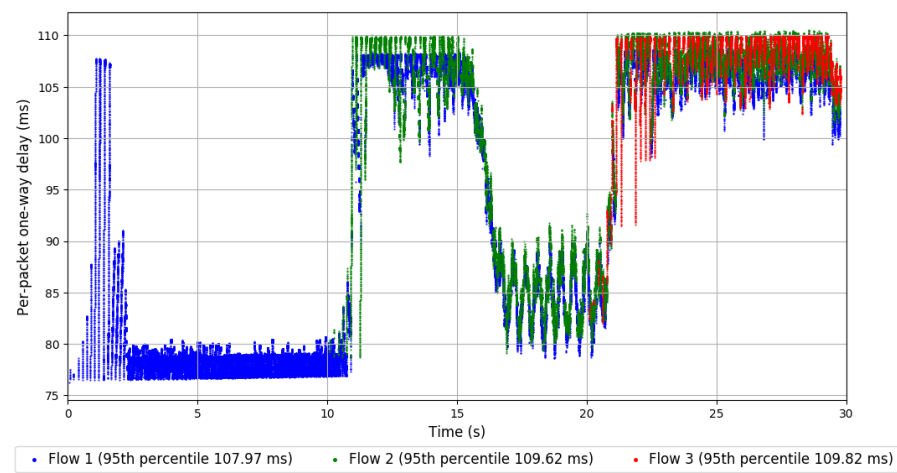
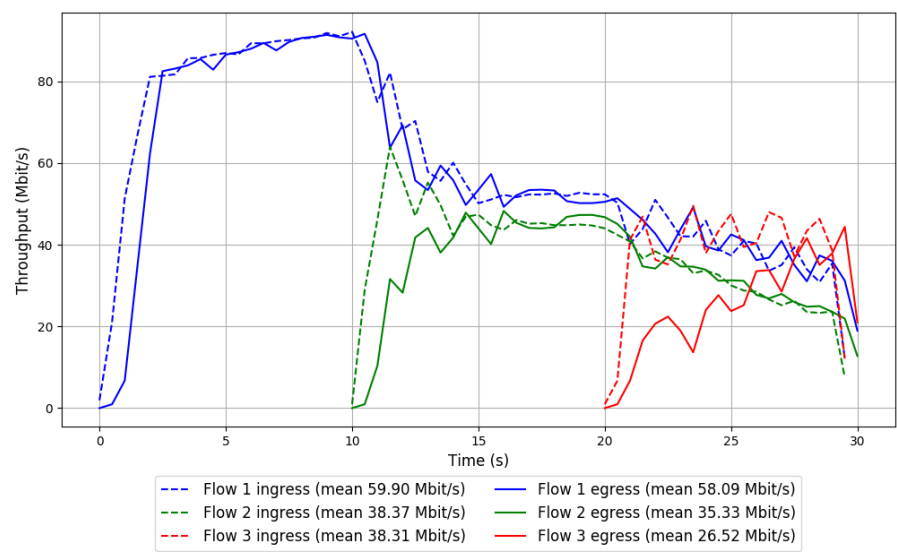


Run 10: Statistics of Indigo

Start at: 2018-08-01 10:54:19
End at: 2018-08-01 10:54:49
Local clock offset: -0.545 ms
Remote clock offset: 27.025 ms

Below is generated by plot.py at 2018-08-01 11:25:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 90.04 Mbit/s
95th percentile per-packet one-way delay: 109.550 ms
Loss rate: 7.73%
-- Flow 1:
Average throughput: 58.09 Mbit/s
95th percentile per-packet one-way delay: 107.972 ms
Loss rate: 2.94%
-- Flow 2:
Average throughput: 35.33 Mbit/s
95th percentile per-packet one-way delay: 109.622 ms
Loss rate: 7.78%
-- Flow 3:
Average throughput: 26.52 Mbit/s
95th percentile per-packet one-way delay: 109.818 ms
Loss rate: 30.61%

Run 10: Report of Indigo — Data Link

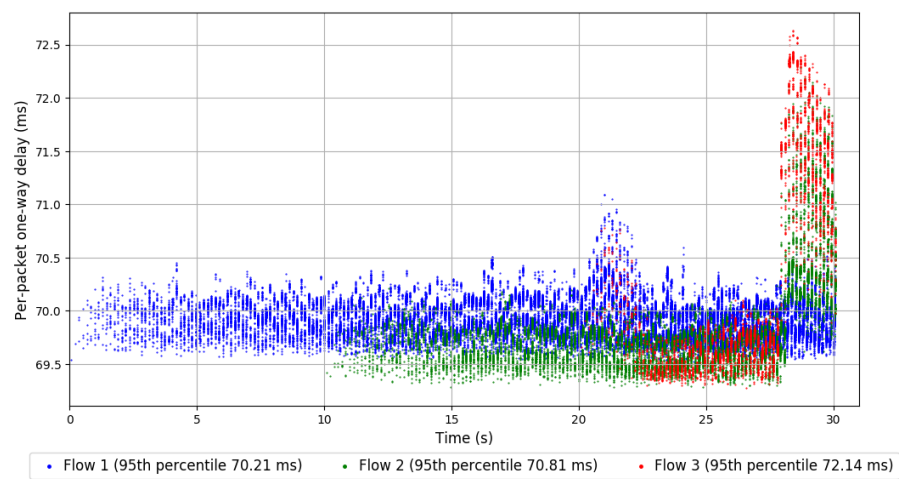
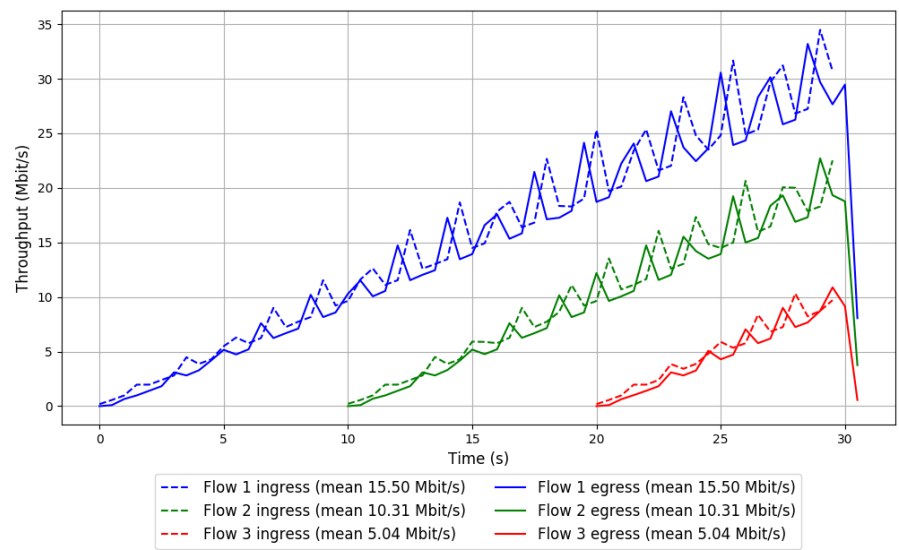


Run 1: Statistics of LEDBAT

Start at: 2018-08-01 07:46:06
End at: 2018-08-01 07:46:36
Local clock offset: -2.678 ms
Remote clock offset: 11.895 ms

Below is generated by plot.py at 2018-08-01 11:25:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 24.03 Mbit/s
95th percentile per-packet one-way delay: 70.498 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.50 Mbit/s
95th percentile per-packet one-way delay: 70.211 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 10.31 Mbit/s
95th percentile per-packet one-way delay: 70.815 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.04 Mbit/s
95th percentile per-packet one-way delay: 72.141 ms
Loss rate: 0.00%

Run 1: Report of LEDBAT — Data Link

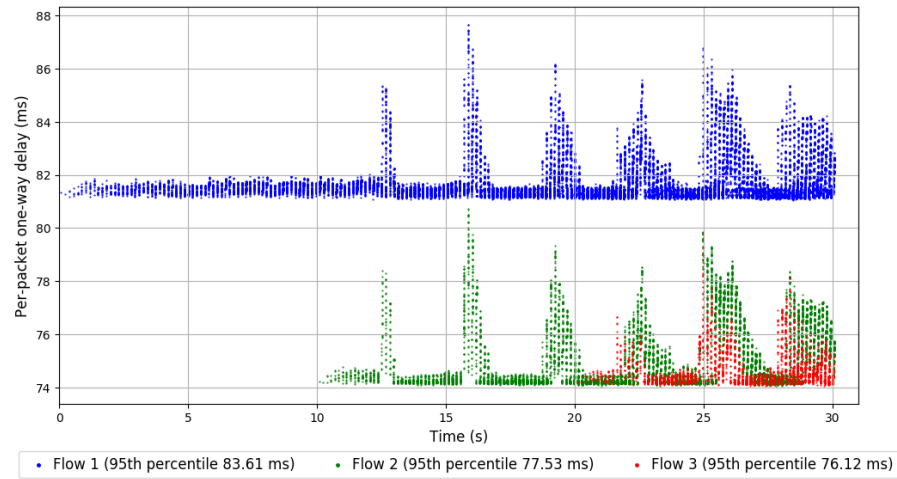
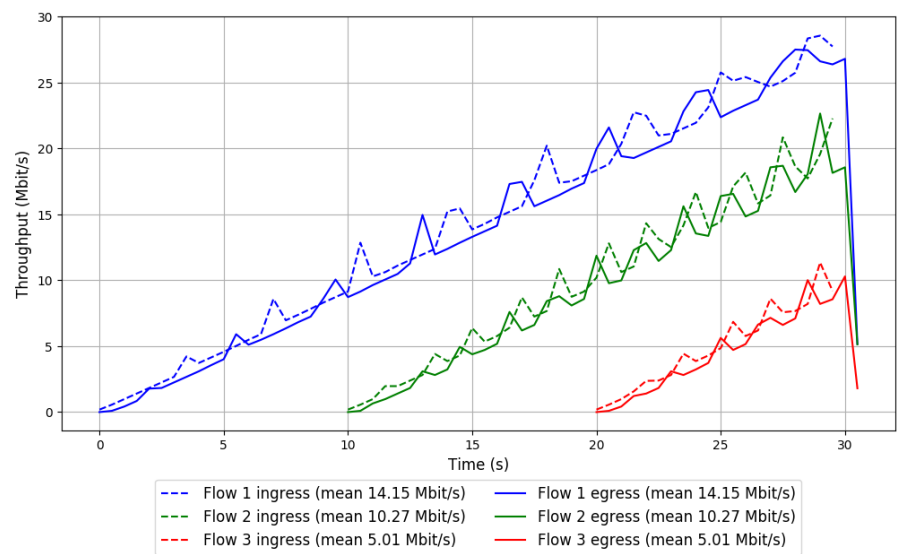


Run 2: Statistics of LEDBAT

Start at: 2018-08-01 08:07:08
End at: 2018-08-01 08:07:38
Local clock offset: -5.292 ms
Remote clock offset: 16.861 ms

Below is generated by plot.py at 2018-08-01 11:25:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.65 Mbit/s
95th percentile per-packet one-way delay: 83.088 ms
Loss rate: 0.04%
-- Flow 1:
Average throughput: 14.15 Mbit/s
95th percentile per-packet one-way delay: 83.605 ms
Loss rate: 0.06%
-- Flow 2:
Average throughput: 10.27 Mbit/s
95th percentile per-packet one-way delay: 77.526 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.01 Mbit/s
95th percentile per-packet one-way delay: 76.122 ms
Loss rate: 0.00%

Run 2: Report of LEDBAT — Data Link

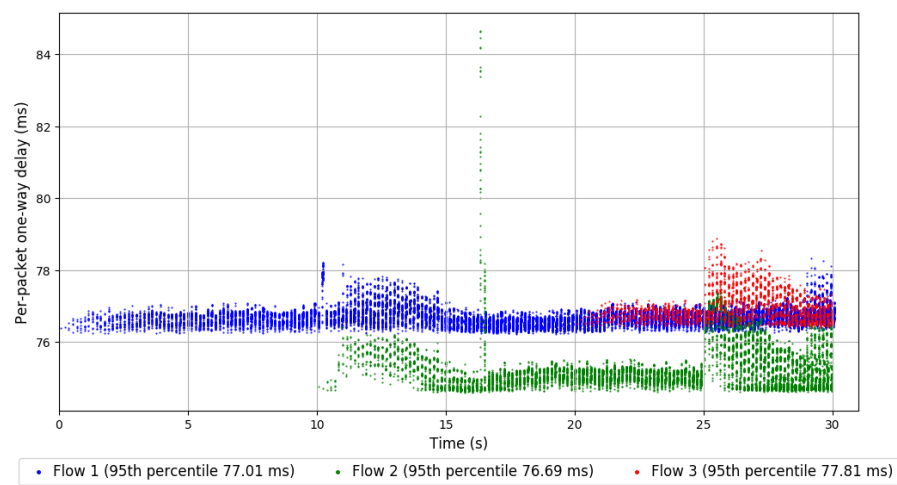
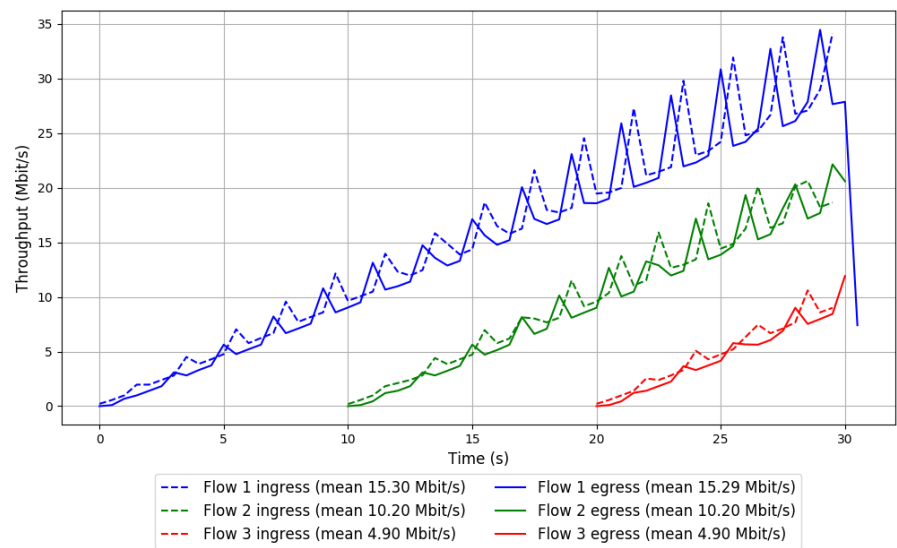


Run 3: Statistics of LEDBAT

Start at: 2018-08-01 08:28:07
End at: 2018-08-01 08:28:37
Local clock offset: -4.731 ms
Remote clock offset: 17.308 ms

Below is generated by plot.py at 2018-08-01 11:25:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 23.67 Mbit/s
95th percentile per-packet one-way delay: 77.079 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 15.29 Mbit/s
95th percentile per-packet one-way delay: 77.011 ms
Loss rate: 0.04%
-- Flow 2:
Average throughput: 10.20 Mbit/s
95th percentile per-packet one-way delay: 76.693 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.90 Mbit/s
95th percentile per-packet one-way delay: 77.806 ms
Loss rate: 0.00%

Run 3: Report of LEDBAT — Data Link



Run 4: Statistics of LEDBAT

Start at: 2018-08-01 08:49:09

End at: 2018-08-01 08:49:39

Local clock offset: -3.089 ms

Remote clock offset: 6.002 ms

Below is generated by plot.py at 2018-08-01 11:25:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 23.23 Mbit/s

95th percentile per-packet one-way delay: 74.842 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 14.86 Mbit/s

95th percentile per-packet one-way delay: 74.123 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 10.32 Mbit/s

95th percentile per-packet one-way delay: 73.370 ms

Loss rate: 0.00%

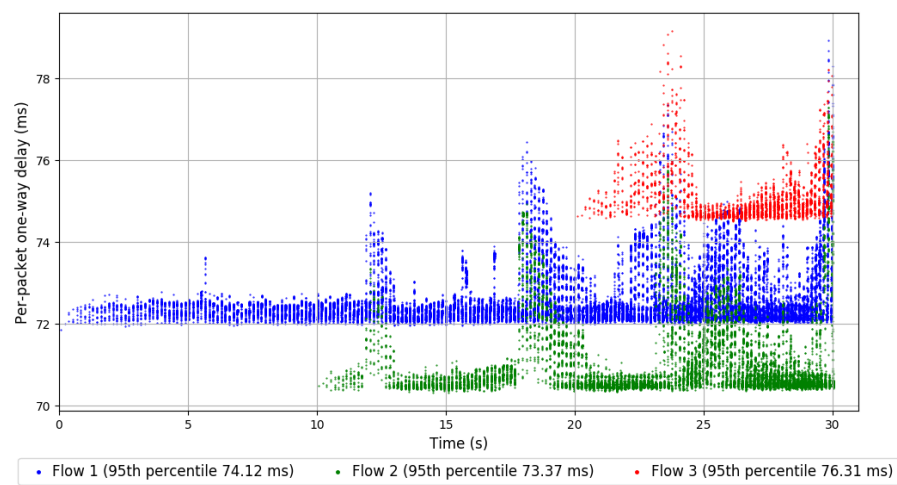
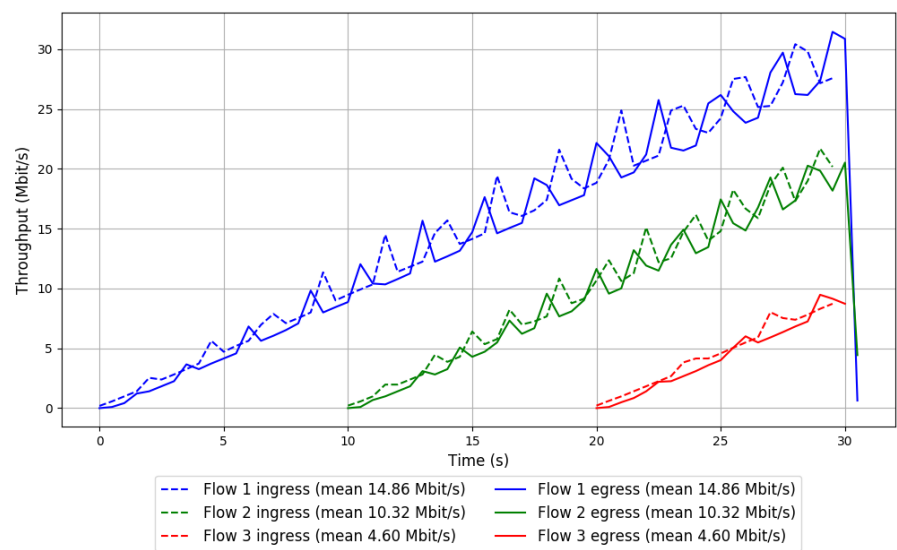
-- Flow 3:

Average throughput: 4.60 Mbit/s

95th percentile per-packet one-way delay: 76.314 ms

Loss rate: 0.00%

Run 4: Report of LEDBAT — Data Link



Run 5: Statistics of LEDBAT

Start at: 2018-08-01 09:10:12

End at: 2018-08-01 09:10:42

Local clock offset: -6.338 ms

Remote clock offset: 5.653 ms

Below is generated by plot.py at 2018-08-01 11:25:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 22.66 Mbit/s

95th percentile per-packet one-way delay: 74.684 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 14.39 Mbit/s

95th percentile per-packet one-way delay: 74.914 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 10.00 Mbit/s

95th percentile per-packet one-way delay: 74.312 ms

Loss rate: 0.00%

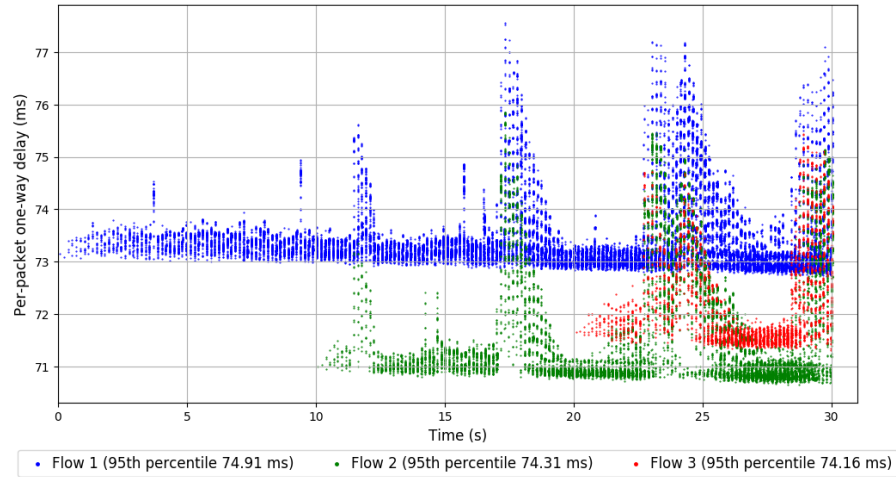
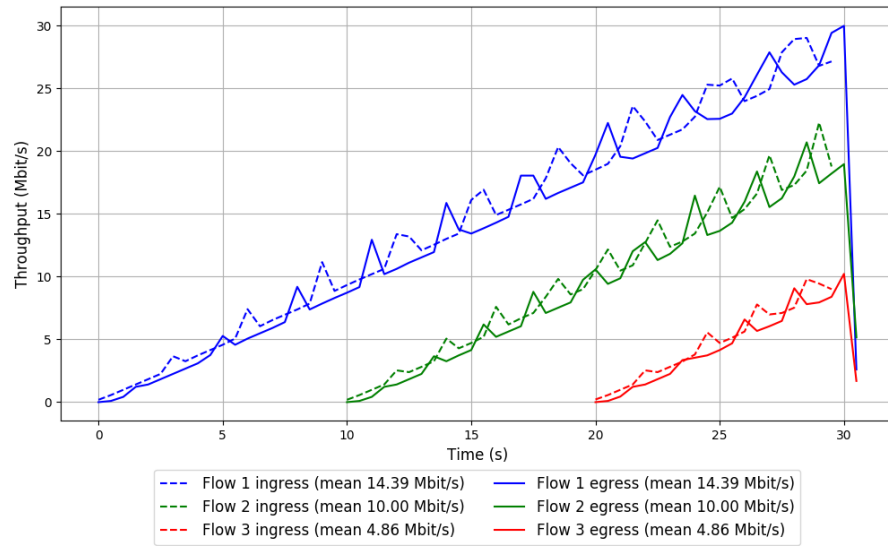
-- Flow 3:

Average throughput: 4.86 Mbit/s

95th percentile per-packet one-way delay: 74.160 ms

Loss rate: 0.00%

Run 5: Report of LEDBAT — Data Link

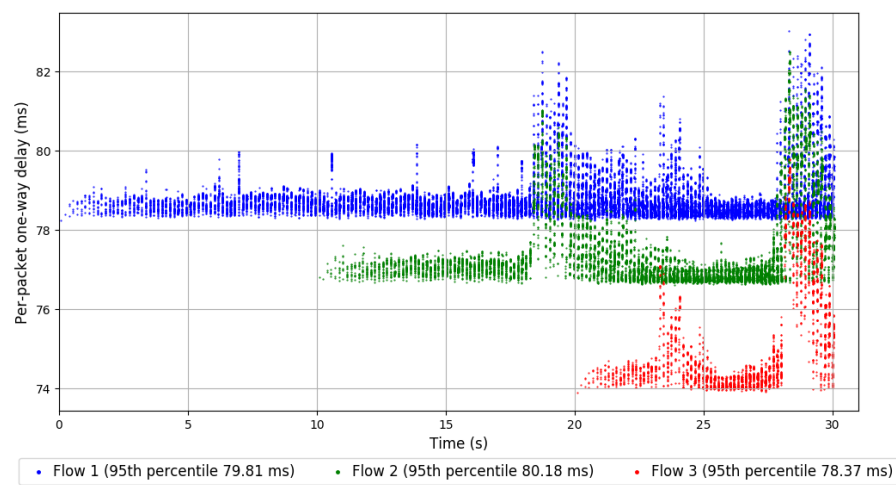
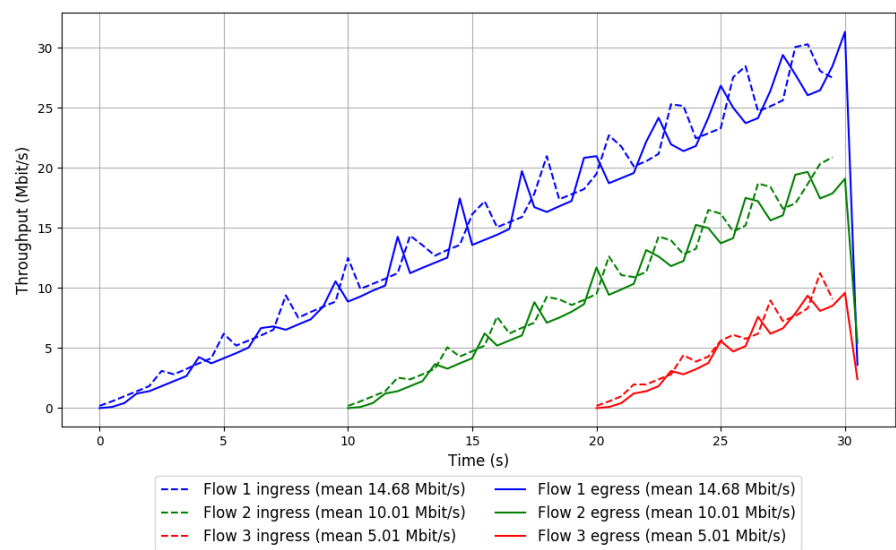


Run 6: Statistics of LEDBAT

Start at: 2018-08-01 09:31:15
End at: 2018-08-01 09:31:45
Local clock offset: -6.052 ms
Remote clock offset: 15.604 ms

Below is generated by plot.py at 2018-08-01 11:25:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 23.01 Mbit/s
95th percentile per-packet one-way delay: 79.864 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.68 Mbit/s
95th percentile per-packet one-way delay: 79.812 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 10.01 Mbit/s
95th percentile per-packet one-way delay: 80.182 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 5.01 Mbit/s
95th percentile per-packet one-way delay: 78.370 ms
Loss rate: 0.00%

Run 6: Report of LEDBAT — Data Link

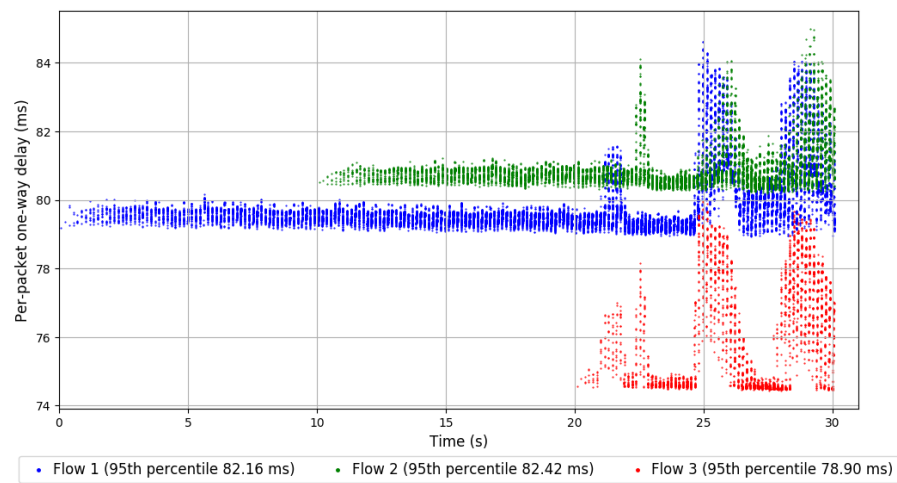
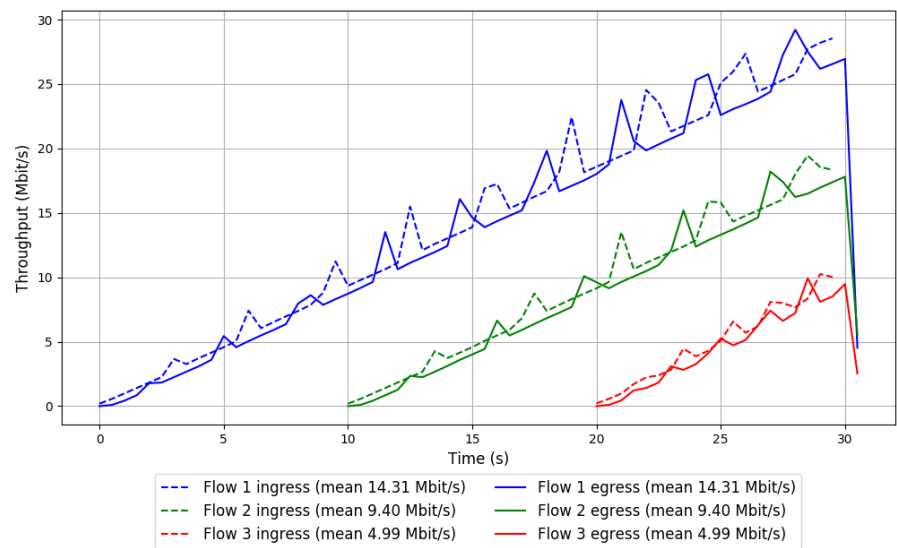


Run 7: Statistics of LEDBAT

Start at: 2018-08-01 09:52:16
End at: 2018-08-01 09:52:46
Local clock offset: -5.733 ms
Remote clock offset: 30.136 ms

Below is generated by plot.py at 2018-08-01 11:25:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.22 Mbit/s
95th percentile per-packet one-way delay: 82.194 ms
Loss rate: 0.03%
-- Flow 1:
Average throughput: 14.31 Mbit/s
95th percentile per-packet one-way delay: 82.156 ms
Loss rate: 0.03%
-- Flow 2:
Average throughput: 9.40 Mbit/s
95th percentile per-packet one-way delay: 82.422 ms
Loss rate: 0.05%
-- Flow 3:
Average throughput: 4.99 Mbit/s
95th percentile per-packet one-way delay: 78.901 ms
Loss rate: 0.00%

Run 7: Report of LEDBAT — Data Link

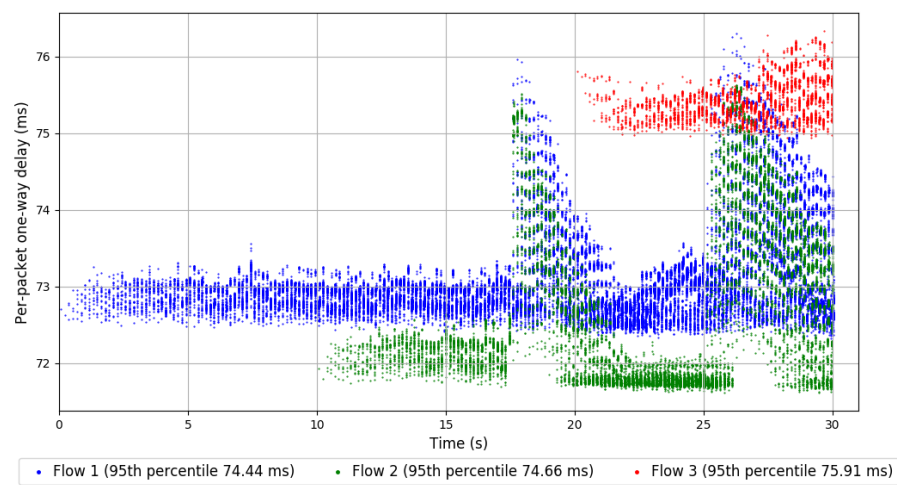
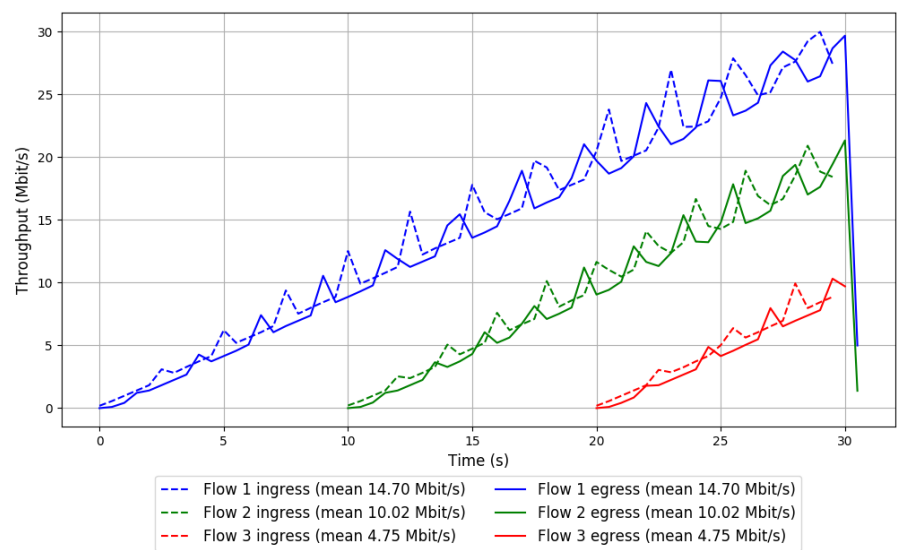


Run 8: Statistics of LEDBAT

Start at: 2018-08-01 10:13:22
End at: 2018-08-01 10:13:52
Local clock offset: -5.847 ms
Remote clock offset: 33.415 ms

Below is generated by plot.py at 2018-08-01 11:25:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.94 Mbit/s
95th percentile per-packet one-way delay: 75.305 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.70 Mbit/s
95th percentile per-packet one-way delay: 74.443 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 10.02 Mbit/s
95th percentile per-packet one-way delay: 74.661 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.75 Mbit/s
95th percentile per-packet one-way delay: 75.907 ms
Loss rate: 0.00%

Run 8: Report of LEDBAT — Data Link

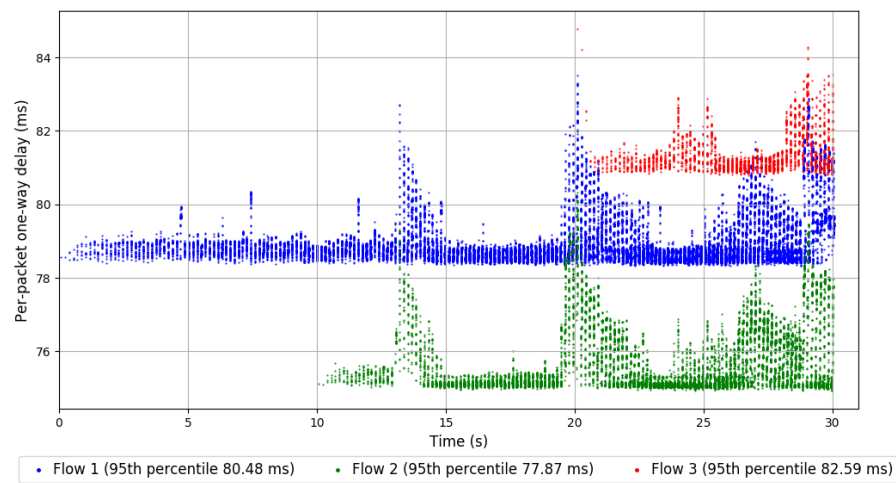
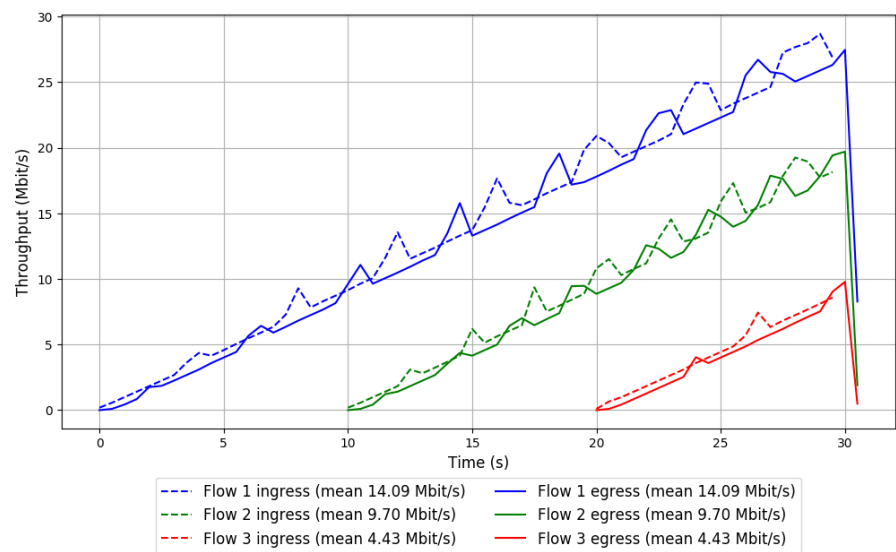


Run 9: Statistics of LEDBAT

Start at: 2018-08-01 10:34:29
End at: 2018-08-01 10:34:59
Local clock offset: -2.385 ms
Remote clock offset: 42.047 ms

Below is generated by plot.py at 2018-08-01 11:25:48
Datalink statistics
-- Total of 3 flows:
Average throughput: 22.00 Mbit/s
95th percentile per-packet one-way delay: 81.178 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 14.09 Mbit/s
95th percentile per-packet one-way delay: 80.485 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 9.70 Mbit/s
95th percentile per-packet one-way delay: 77.866 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.43 Mbit/s
95th percentile per-packet one-way delay: 82.589 ms
Loss rate: 0.00%

Run 9: Report of LEDBAT — Data Link

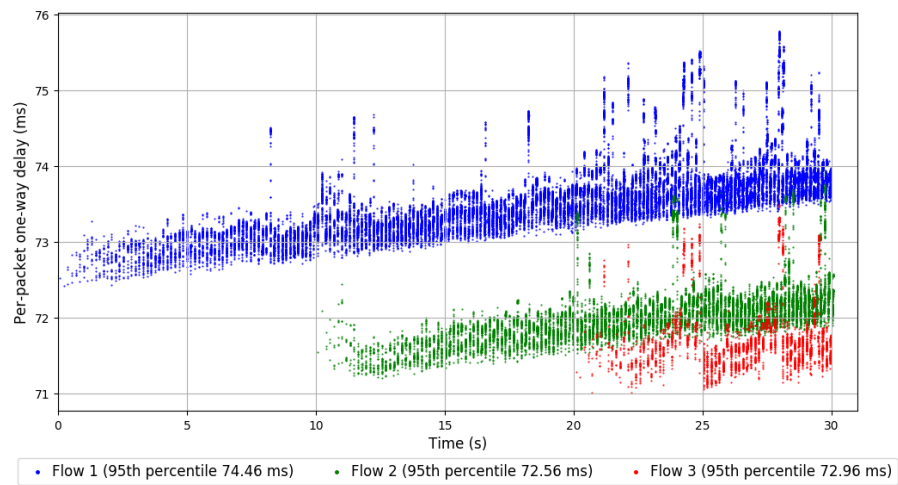
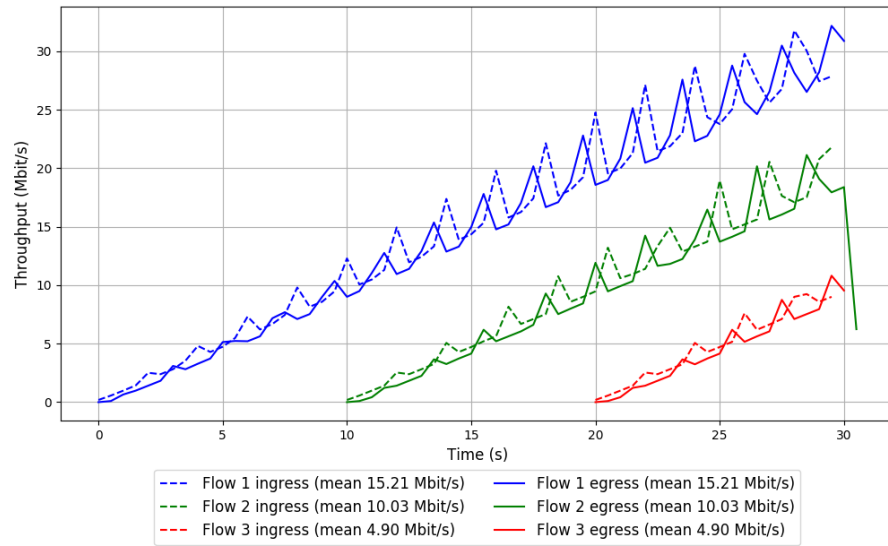


Run 10: Statistics of LEDBAT

Start at: 2018-08-01 10:55:35
End at: 2018-08-01 10:56:05
Local clock offset: -0.482 ms
Remote clock offset: 18.449 ms

Below is generated by plot.py at 2018-08-01 11:25:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 23.46 Mbit/s
95th percentile per-packet one-way delay: 74.125 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 15.21 Mbit/s
95th percentile per-packet one-way delay: 74.463 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 10.03 Mbit/s
95th percentile per-packet one-way delay: 72.561 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 4.90 Mbit/s
95th percentile per-packet one-way delay: 72.958 ms
Loss rate: 0.00%

Run 10: Report of LEDBAT — Data Link

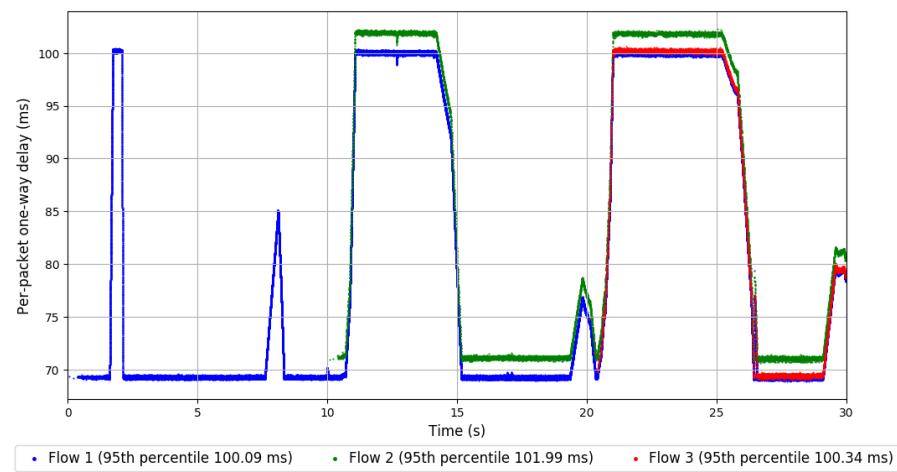
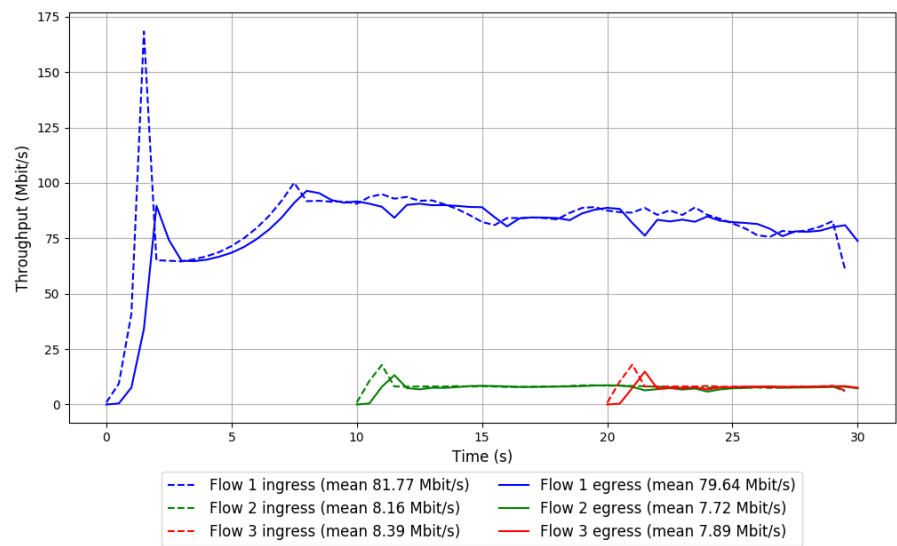


```
Run 1: Statistics of PCC-Allegro

Start at: 2018-08-01 07:54:45
End at: 2018-08-01 07:55:15
Local clock offset: -3.2 ms
Remote clock offset: 12.88 ms

# Below is generated by plot.py at 2018-08-01 11:26:39
# Datalink statistics
-- Total of 3 flows:
Average throughput: 87.38 Mbit/s
95th percentile per-packet one-way delay: 100.152 ms
Loss rate: 2.85%
-- Flow 1:
Average throughput: 79.64 Mbit/s
95th percentile per-packet one-way delay: 100.093 ms
Loss rate: 2.58%
-- Flow 2:
Average throughput: 7.72 Mbit/s
95th percentile per-packet one-way delay: 101.993 ms
Loss rate: 5.40%
-- Flow 3:
Average throughput: 7.89 Mbit/s
95th percentile per-packet one-way delay: 100.342 ms
Loss rate: 5.95%
```

Run 1: Report of PCC-Allegro — Data Link

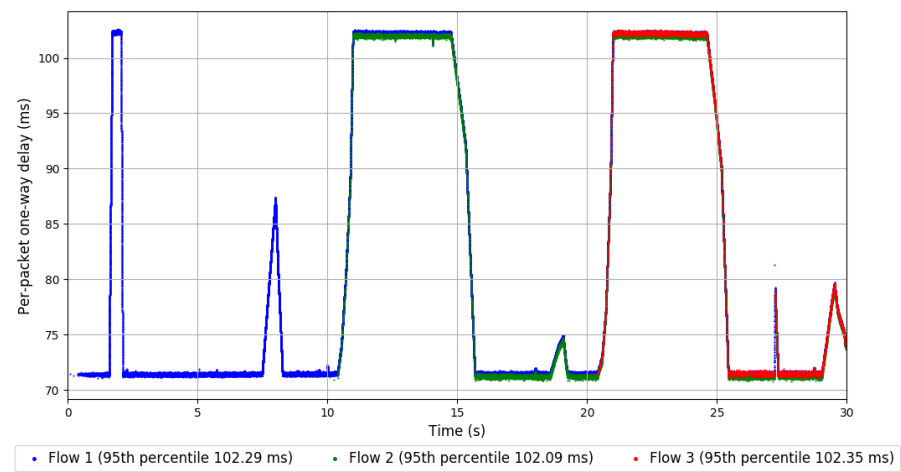
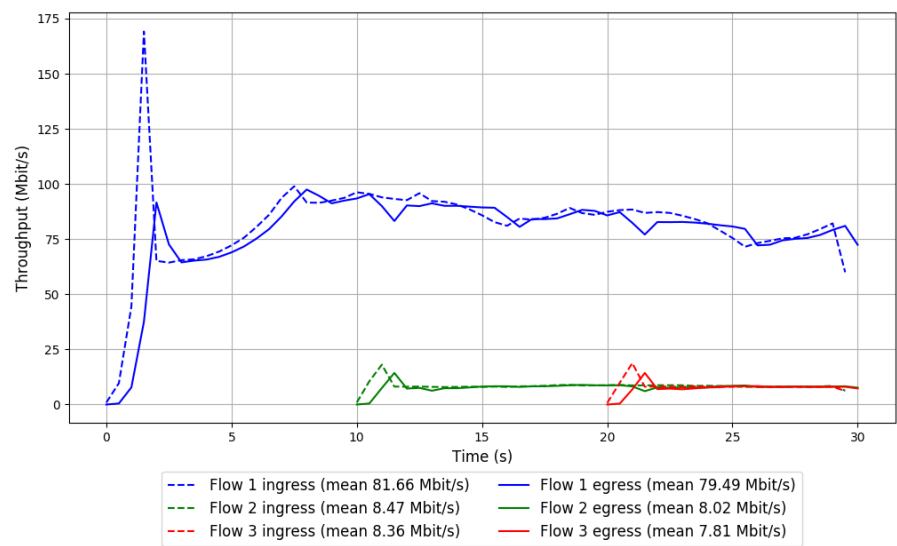


Run 2: Statistics of PCC-Allegro

Start at: 2018-08-01 08:15:45
End at: 2018-08-01 08:16:15
Local clock offset: -5.926 ms
Remote clock offset: 11.969 ms

Below is generated by plot.py at 2018-08-01 11:26:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.39 Mbit/s
95th percentile per-packet one-way delay: 102.287 ms
Loss rate: 2.95%
-- Flow 1:
Average throughput: 79.49 Mbit/s
95th percentile per-packet one-way delay: 102.289 ms
Loss rate: 2.66%
-- Flow 2:
Average throughput: 8.02 Mbit/s
95th percentile per-packet one-way delay: 102.088 ms
Loss rate: 5.38%
-- Flow 3:
Average throughput: 7.81 Mbit/s
95th percentile per-packet one-way delay: 102.349 ms
Loss rate: 6.58%

Run 2: Report of PCC-Allegro — Data Link

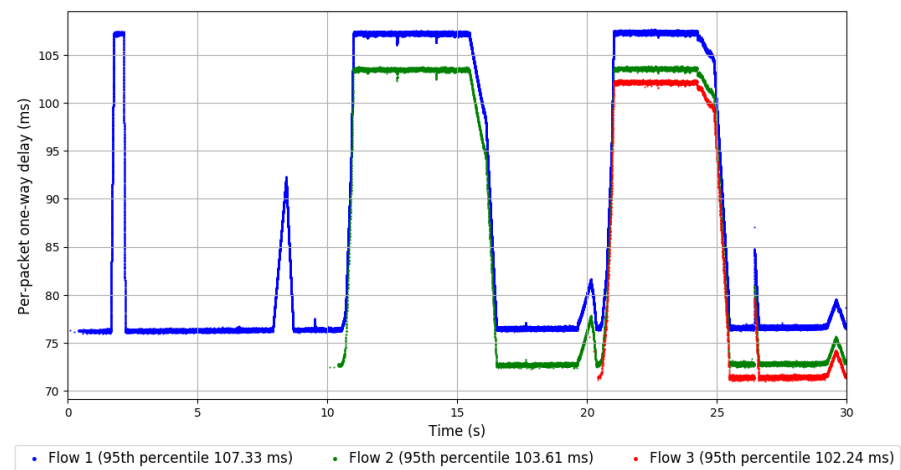
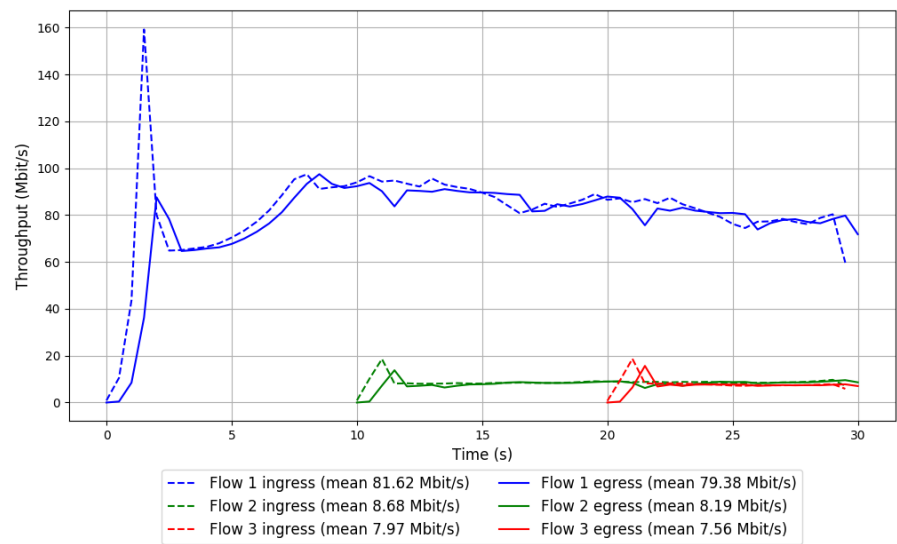


Run 3: Statistics of PCC-Allegro

Start at: 2018-08-01 08:36:45
End at: 2018-08-01 08:37:15
Local clock offset: -3.645 ms
Remote clock offset: 10.148 ms

Below is generated by plot.py at 2018-08-01 11:26:46
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.31 Mbit/s
95th percentile per-packet one-way delay: 107.327 ms
Loss rate: 3.01%
-- Flow 1:
Average throughput: 79.38 Mbit/s
95th percentile per-packet one-way delay: 107.335 ms
Loss rate: 2.75%
-- Flow 2:
Average throughput: 8.19 Mbit/s
95th percentile per-packet one-way delay: 103.609 ms
Loss rate: 5.72%
-- Flow 3:
Average throughput: 7.56 Mbit/s
95th percentile per-packet one-way delay: 102.242 ms
Loss rate: 5.18%

Run 3: Report of PCC-Allegro — Data Link



Run 4: Statistics of PCC-Allegro

Start at: 2018-08-01 08:57:49

End at: 2018-08-01 08:58:19

Local clock offset: -4.633 ms

Remote clock offset: 4.752 ms

Below is generated by plot.py at 2018-08-01 11:26:48

Datalink statistics

-- Total of 3 flows:

Average throughput: 86.61 Mbit/s

95th percentile per-packet one-way delay: 105.017 ms

Loss rate: 2.75%

-- Flow 1:

Average throughput: 78.72 Mbit/s

95th percentile per-packet one-way delay: 105.021 ms

Loss rate: 2.54%

-- Flow 2:

Average throughput: 7.68 Mbit/s

95th percentile per-packet one-way delay: 105.003 ms

Loss rate: 5.77%

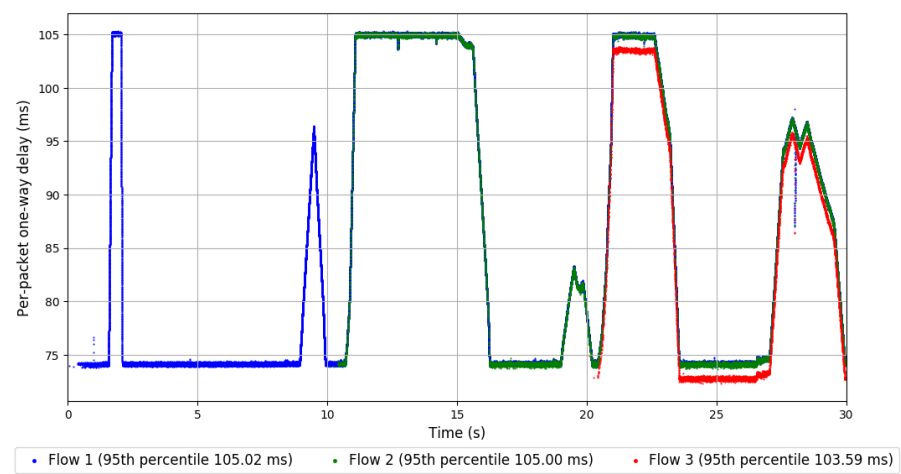
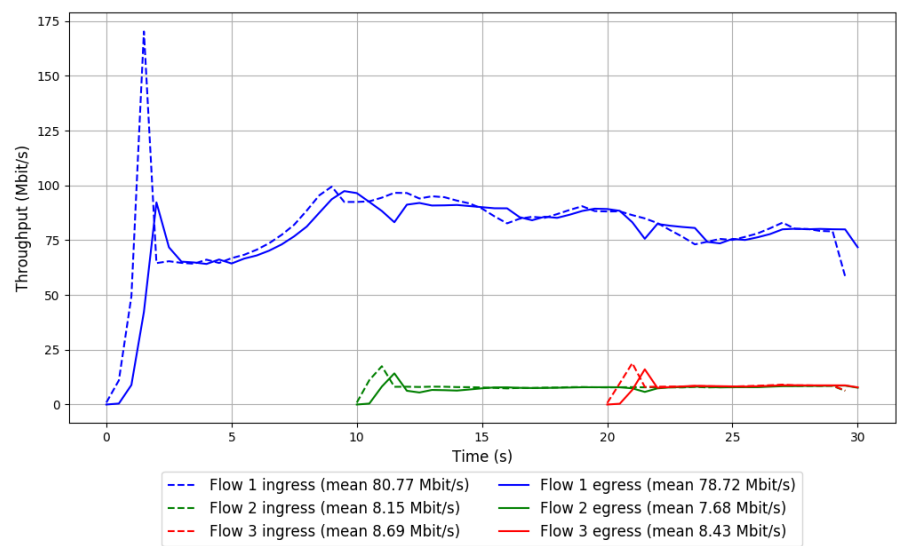
-- Flow 3:

Average throughput: 8.43 Mbit/s

95th percentile per-packet one-way delay: 103.587 ms

Loss rate: 2.97%

Run 4: Report of PCC-Allegro — Data Link

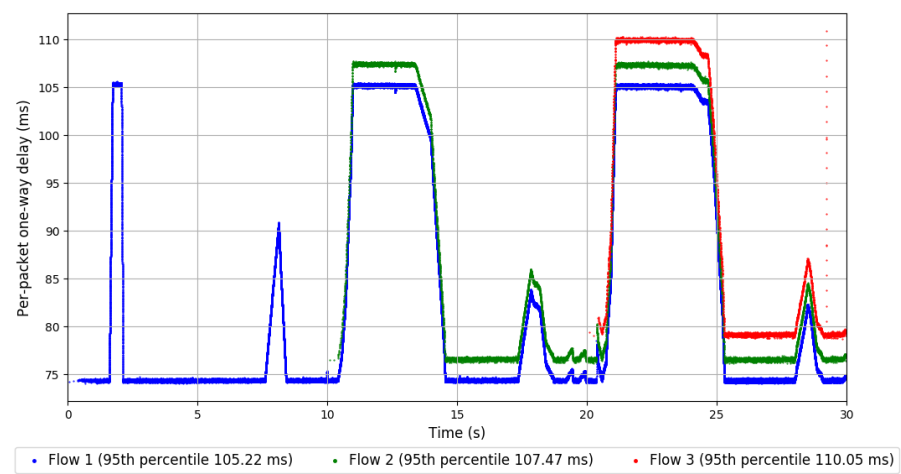
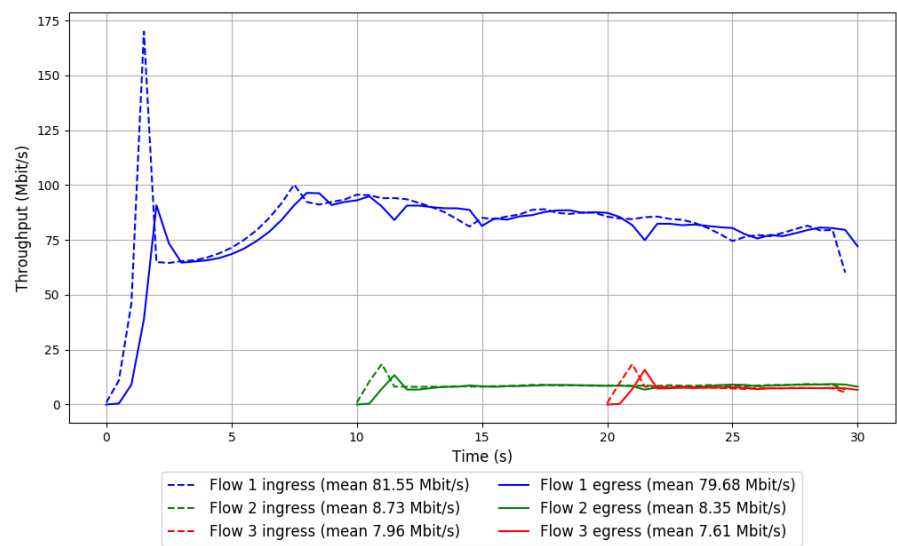


Run 5: Statistics of PCC-Allegro

Start at: 2018-08-01 09:18:52
End at: 2018-08-01 09:19:22
Local clock offset: -6.923 ms
Remote clock offset: 13.415 ms

Below is generated by plot.py at 2018-08-01 11:26:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.73 Mbit/s
95th percentile per-packet one-way delay: 105.286 ms
Loss rate: 2.49%
-- Flow 1:
Average throughput: 79.68 Mbit/s
95th percentile per-packet one-way delay: 105.220 ms
Loss rate: 2.30%
-- Flow 2:
Average throughput: 8.35 Mbit/s
95th percentile per-packet one-way delay: 107.475 ms
Loss rate: 4.36%
-- Flow 3:
Average throughput: 7.61 Mbit/s
95th percentile per-packet one-way delay: 110.051 ms
Loss rate: 4.35%

Run 5: Report of PCC-Allegro — Data Link

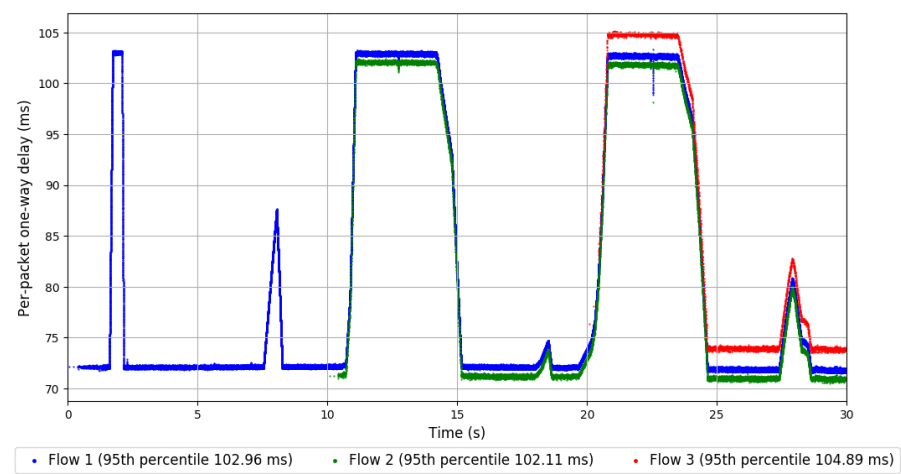
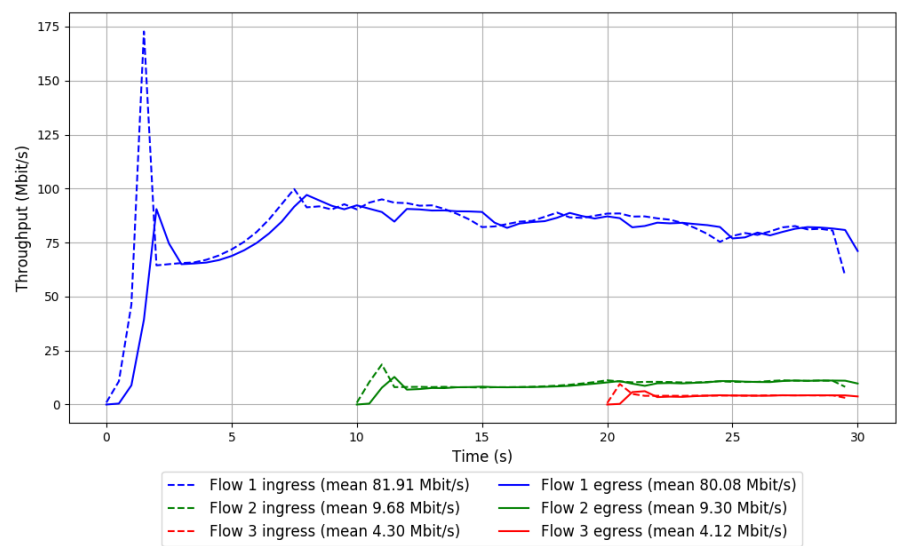


Run 6: Statistics of PCC-Allegro

Start at: 2018-08-01 09:39:53
End at: 2018-08-01 09:40:23
Local clock offset: -5.728 ms
Remote clock offset: 12.577 ms

Below is generated by plot.py at 2018-08-01 11:26:51
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.62 Mbit/s
95th percentile per-packet one-way delay: 102.957 ms
Loss rate: 2.39%
-- Flow 1:
Average throughput: 80.08 Mbit/s
95th percentile per-packet one-way delay: 102.956 ms
Loss rate: 2.23%
-- Flow 2:
Average throughput: 9.30 Mbit/s
95th percentile per-packet one-way delay: 102.106 ms
Loss rate: 3.91%
-- Flow 3:
Average throughput: 4.12 Mbit/s
95th percentile per-packet one-way delay: 104.895 ms
Loss rate: 4.36%

Run 6: Report of PCC-Allegro — Data Link

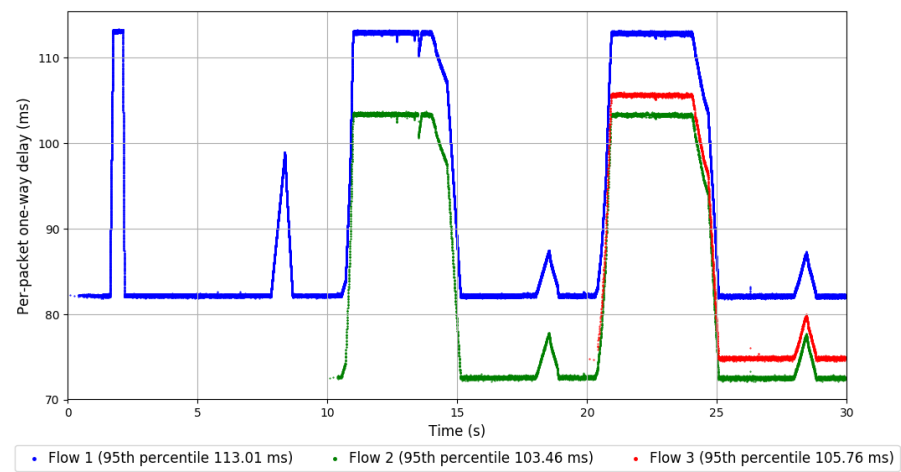
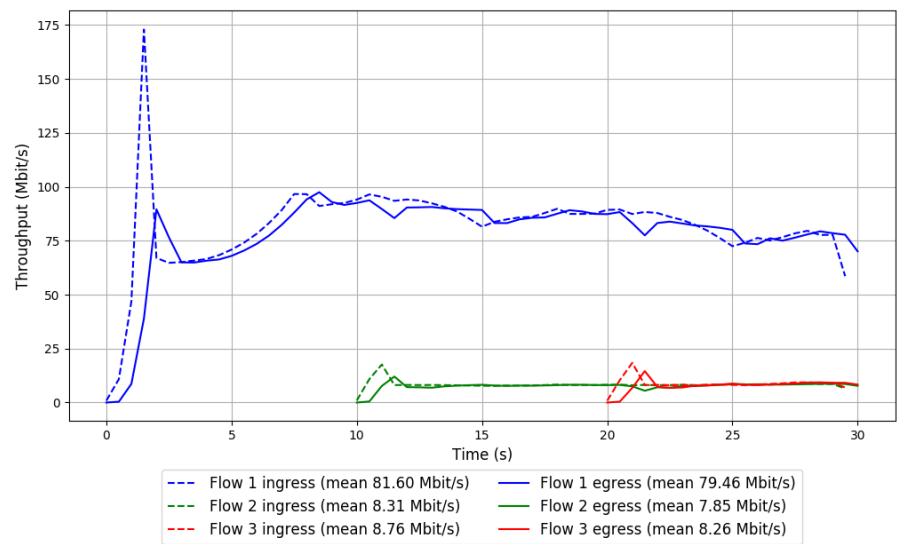


Run 7: Statistics of PCC-Allegro

Start at: 2018-08-01 10:00:56
End at: 2018-08-01 10:01:26
Local clock offset: -5.771 ms
Remote clock offset: 32.006 ms

Below is generated by plot.py at 2018-08-01 11:26:55
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.42 Mbit/s
95th percentile per-packet one-way delay: 113.000 ms
Loss rate: 2.92%
-- Flow 1:
Average throughput: 79.46 Mbit/s
95th percentile per-packet one-way delay: 113.009 ms
Loss rate: 2.65%
-- Flow 2:
Average throughput: 7.85 Mbit/s
95th percentile per-packet one-way delay: 103.459 ms
Loss rate: 5.51%
-- Flow 3:
Average throughput: 8.26 Mbit/s
95th percentile per-packet one-way delay: 105.760 ms
Loss rate: 5.72%

Run 7: Report of PCC-Allegro — Data Link



Run 8: Statistics of PCC-Allegro

Start at: 2018-08-01 10:22:03

End at: 2018-08-01 10:22:33

Local clock offset: -5.941 ms

Remote clock offset: 38.51 ms

Below is generated by plot.py at 2018-08-01 11:26:55

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.68 Mbit/s

95th percentile per-packet one-way delay: 106.224 ms

Loss rate: 2.67%

-- Flow 1:

Average throughput: 78.83 Mbit/s

95th percentile per-packet one-way delay: 106.233 ms

Loss rate: 2.43%

-- Flow 2:

Average throughput: 9.07 Mbit/s

95th percentile per-packet one-way delay: 105.812 ms

Loss rate: 4.56%

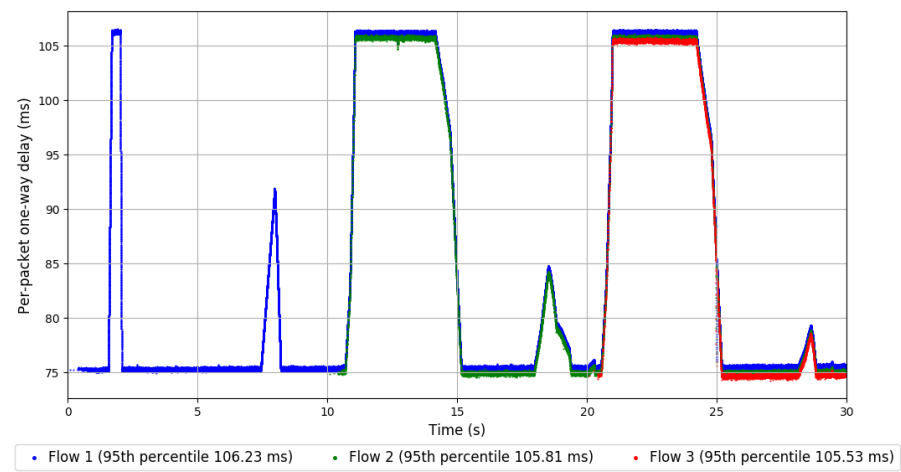
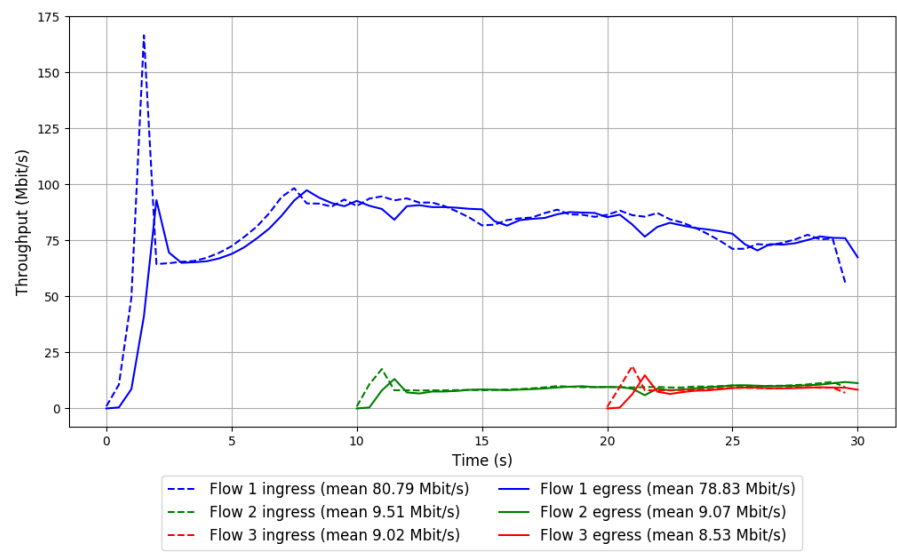
-- Flow 3:

Average throughput: 8.53 Mbit/s

95th percentile per-packet one-way delay: 105.534 ms

Loss rate: 5.41%

Run 8: Report of PCC-Allegro — Data Link

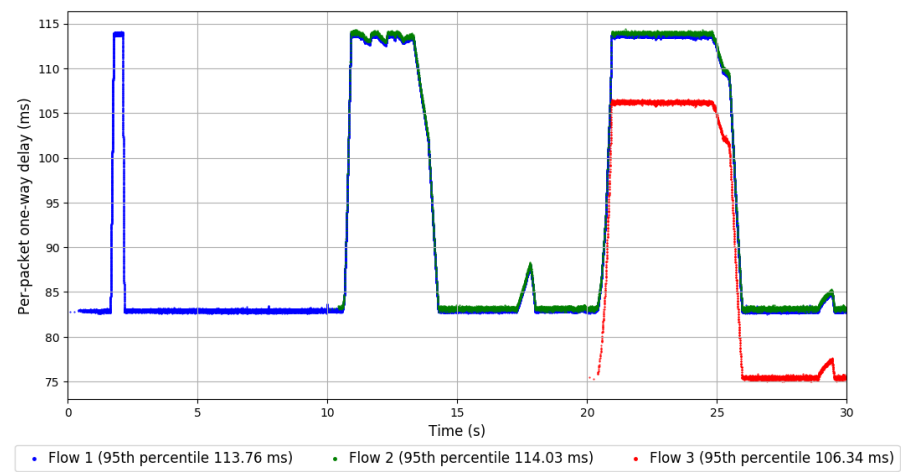
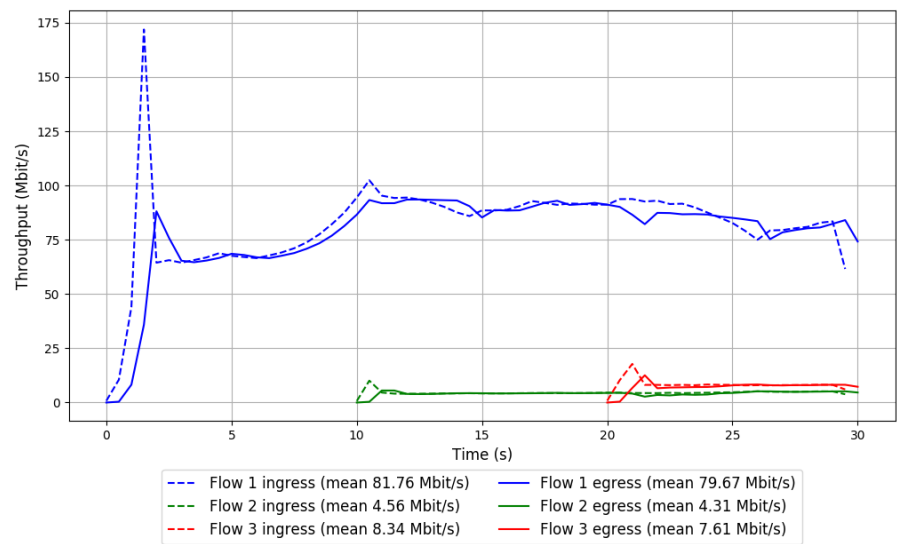


Run 9: Statistics of PCC-Allegro

Start at: 2018-08-01 10:43:09
End at: 2018-08-01 10:43:39
Local clock offset: -1.358 ms
Remote clock offset: 46.473 ms

Below is generated by plot.py at 2018-08-01 11:27:31
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.05 Mbit/s
95th percentile per-packet one-way delay: 113.767 ms
Loss rate: 2.86%
-- Flow 1:
Average throughput: 79.67 Mbit/s
95th percentile per-packet one-way delay: 113.760 ms
Loss rate: 2.57%
-- Flow 2:
Average throughput: 4.31 Mbit/s
95th percentile per-packet one-way delay: 114.028 ms
Loss rate: 5.47%
-- Flow 3:
Average throughput: 7.61 Mbit/s
95th percentile per-packet one-way delay: 106.337 ms
Loss rate: 8.72%

Run 9: Report of PCC-Allegro — Data Link



Run 10: Statistics of PCC-Allegro

Start at: 2018-08-01 11:04:17

End at: 2018-08-01 11:04:47

Local clock offset: 0.008 ms

Remote clock offset: 3.485 ms

Below is generated by plot.py at 2018-08-01 11:27:34

Datalink statistics

-- Total of 3 flows:

Average throughput: 85.34 Mbit/s

95th percentile per-packet one-way delay: 106.299 ms

Loss rate: 2.70%

-- Flow 1:

Average throughput: 77.57 Mbit/s

95th percentile per-packet one-way delay: 106.257 ms

Loss rate: 2.51%

-- Flow 2:

Average throughput: 7.72 Mbit/s

95th percentile per-packet one-way delay: 110.143 ms

Loss rate: 4.57%

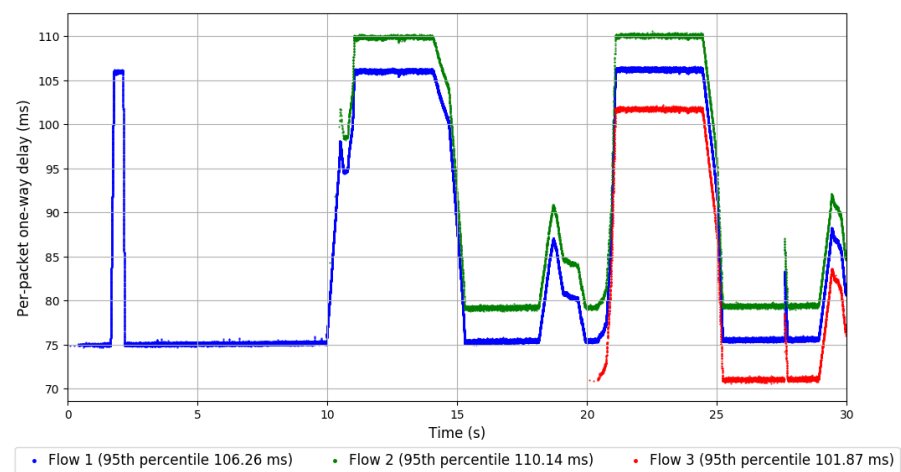
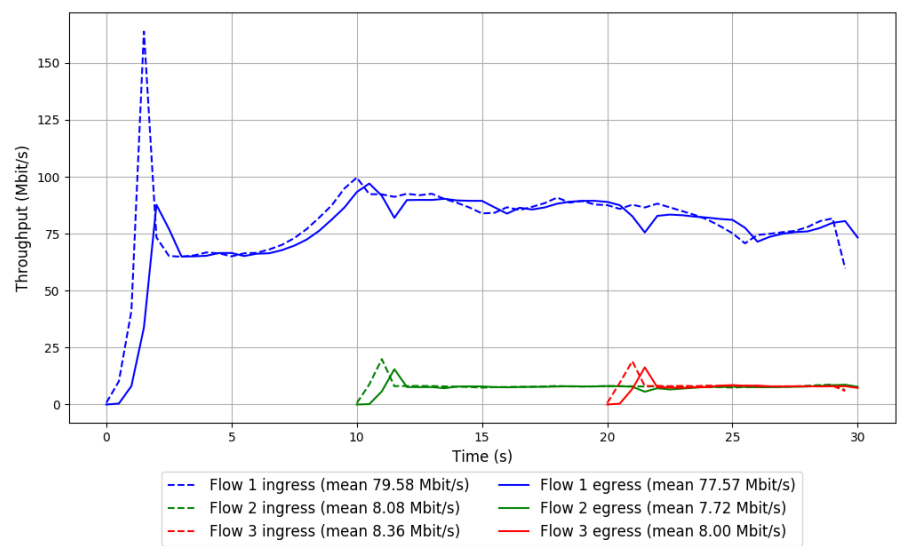
-- Flow 3:

Average throughput: 8.00 Mbit/s

95th percentile per-packet one-way delay: 101.871 ms

Loss rate: 4.30%

Run 10: Report of PCC-Allegro — Data Link

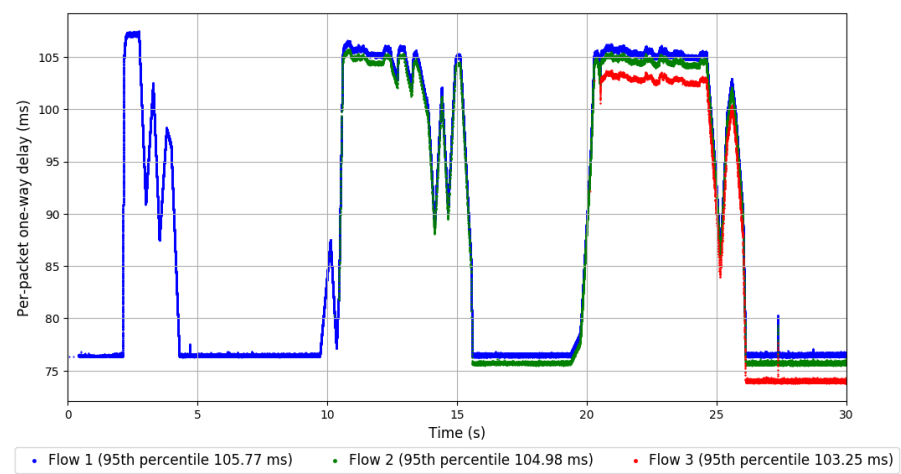
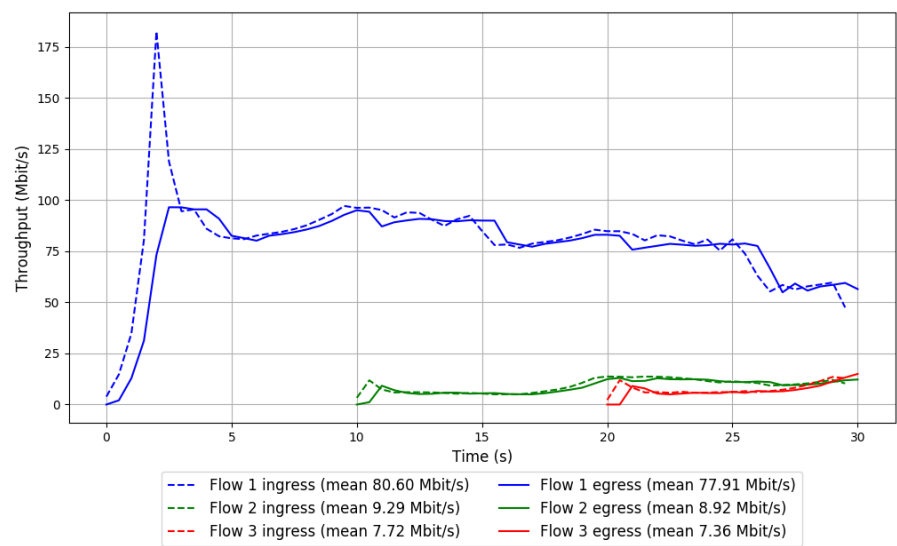


```
Run 1: Statistics of PCC-Expr

Start at: 2018-08-01 08:00:48
End at: 2018-08-01 08:01:18
Local clock offset: -4.604 ms
Remote clock offset: 17.34 ms

# Below is generated by plot.py at 2018-08-01 11:28:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 86.27 Mbit/s
95th percentile per-packet one-way delay: 105.742 ms
Loss rate: 3.43%
-- Flow 1:
Average throughput: 77.91 Mbit/s
95th percentile per-packet one-way delay: 105.771 ms
Loss rate: 3.35%
-- Flow 2:
Average throughput: 8.92 Mbit/s
95th percentile per-packet one-way delay: 104.983 ms
Loss rate: 3.97%
-- Flow 3:
Average throughput: 7.36 Mbit/s
95th percentile per-packet one-way delay: 103.248 ms
Loss rate: 4.79%
```


Run 1: Report of PCC-Expr — Data Link

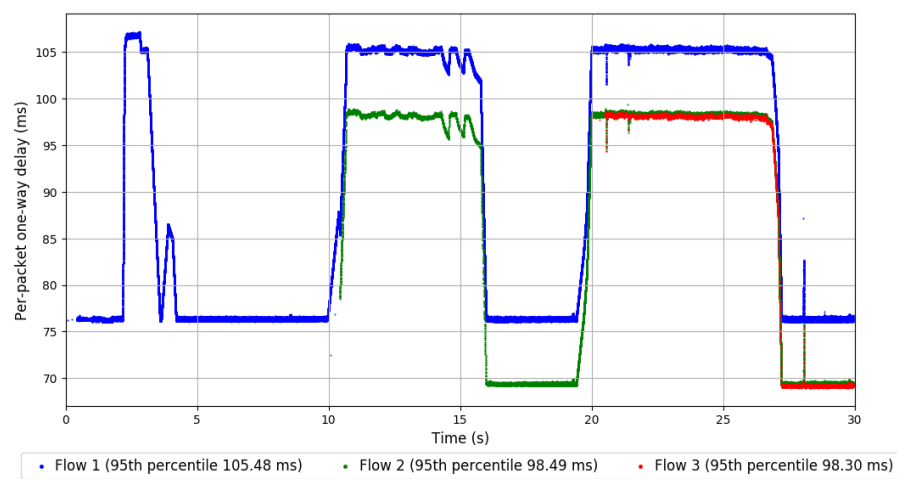
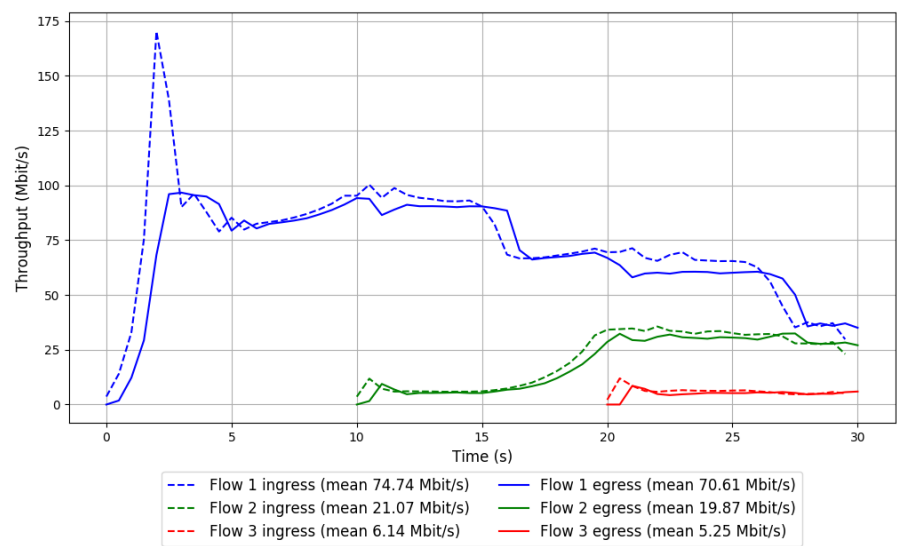


Run 2: Statistics of PCC-Expr

Start at: 2018-08-01 08:21:48
End at: 2018-08-01 08:22:18
Local clock offset: -6.107 ms
Remote clock offset: 12.038 ms

Below is generated by plot.py at 2018-08-01 11:28:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.56 Mbit/s
95th percentile per-packet one-way delay: 105.456 ms
Loss rate: 5.77%
-- Flow 1:
Average throughput: 70.61 Mbit/s
95th percentile per-packet one-way delay: 105.483 ms
Loss rate: 5.54%
-- Flow 2:
Average throughput: 19.87 Mbit/s
95th percentile per-packet one-way delay: 98.487 ms
Loss rate: 5.72%
-- Flow 3:
Average throughput: 5.25 Mbit/s
95th percentile per-packet one-way delay: 98.298 ms
Loss rate: 14.69%

Run 2: Report of PCC-Expr — Data Link

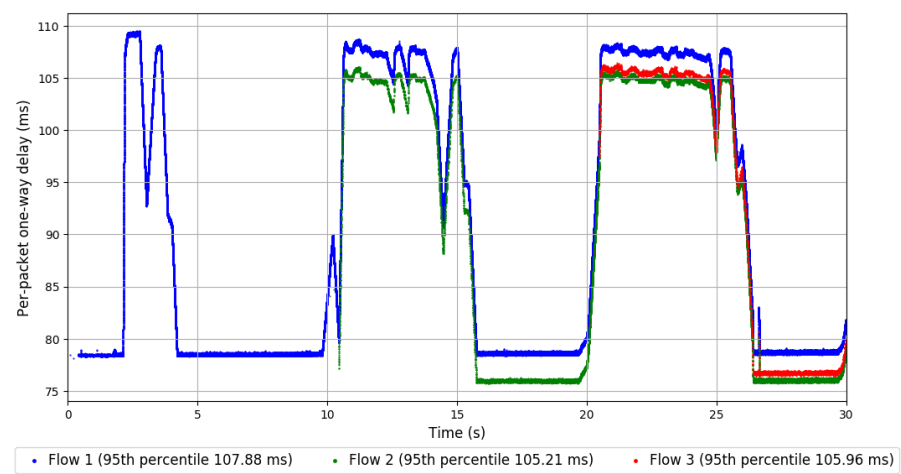
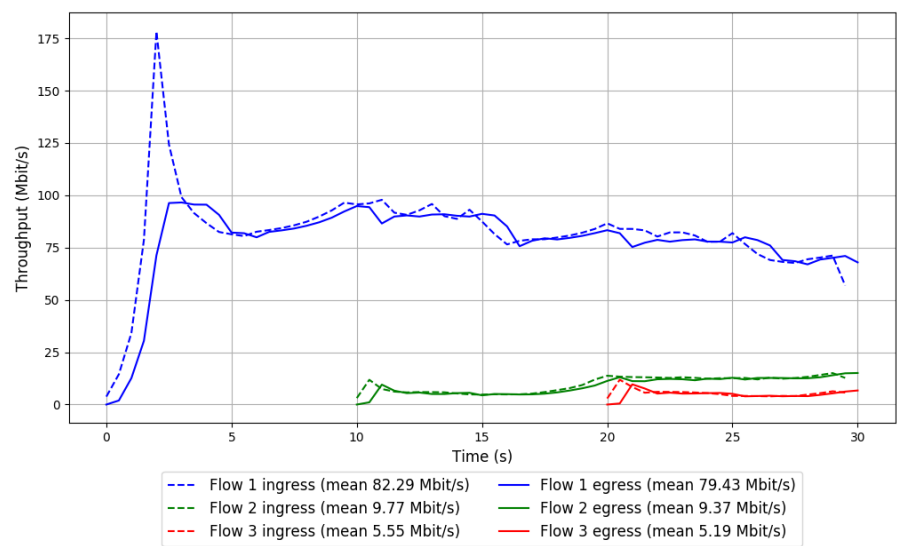


Run 3: Statistics of PCC-Expr

Start at: 2018-08-01 08:42:49
End at: 2018-08-01 08:43:19
Local clock offset: -3.273 ms
Remote clock offset: 11.382 ms

Below is generated by plot.py at 2018-08-01 11:28:39
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.37 Mbit/s
95th percentile per-packet one-way delay: 107.857 ms
Loss rate: 3.58%
-- Flow 1:
Average throughput: 79.43 Mbit/s
95th percentile per-packet one-way delay: 107.880 ms
Loss rate: 3.47%
-- Flow 2:
Average throughput: 9.37 Mbit/s
95th percentile per-packet one-way delay: 105.209 ms
Loss rate: 4.20%
-- Flow 3:
Average throughput: 5.19 Mbit/s
95th percentile per-packet one-way delay: 105.957 ms
Loss rate: 6.55%

Run 3: Report of PCC-Expr — Data Link



Run 4: Statistics of PCC-Expr

Start at: 2018-08-01 09:03:52

End at: 2018-08-01 09:04:22

Local clock offset: -5.758 ms

Remote clock offset: 7.006 ms

Below is generated by plot.py at 2018-08-01 11:28:41

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.02 Mbit/s

95th percentile per-packet one-way delay: 106.541 ms

Loss rate: 3.69%

-- Flow 1:

Average throughput: 77.47 Mbit/s

95th percentile per-packet one-way delay: 106.573 ms

Loss rate: 3.58%

-- Flow 2:

Average throughput: 10.75 Mbit/s

95th percentile per-packet one-way delay: 103.051 ms

Loss rate: 4.18%

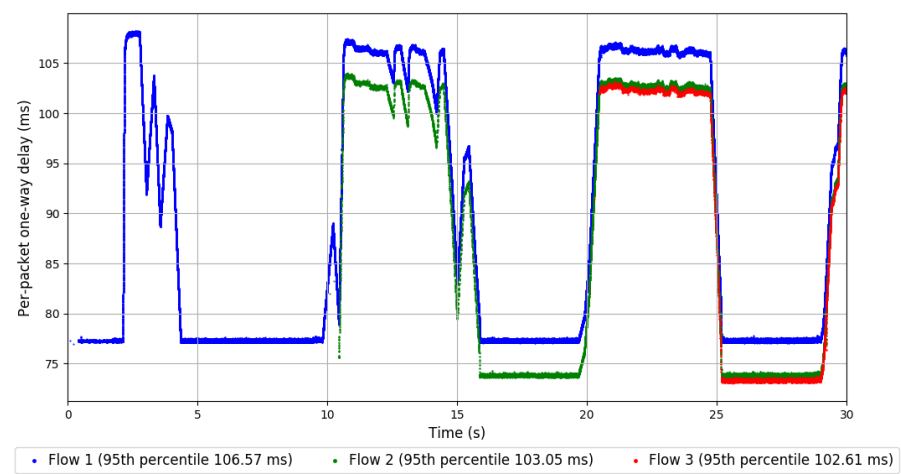
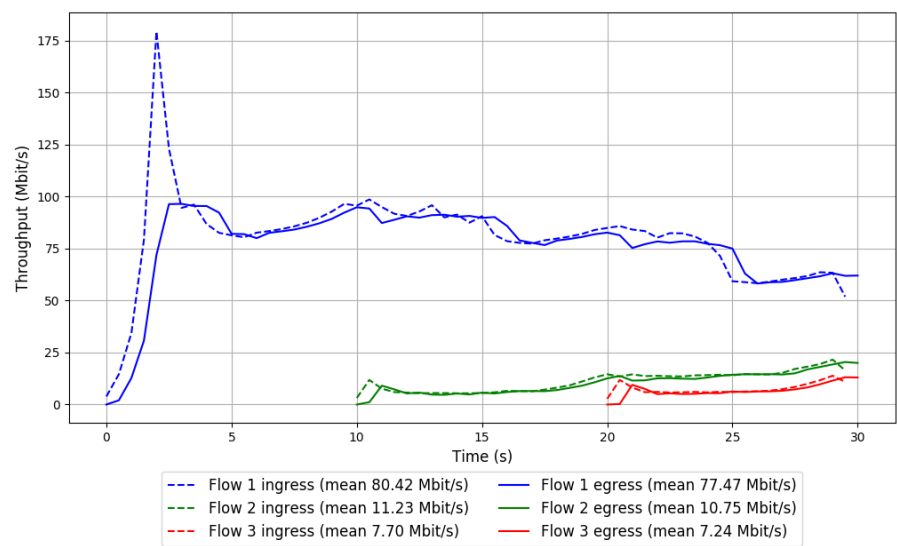
-- Flow 3:

Average throughput: 7.24 Mbit/s

95th percentile per-packet one-way delay: 102.607 ms

Loss rate: 5.82%

Run 4: Report of PCC-Expr — Data Link

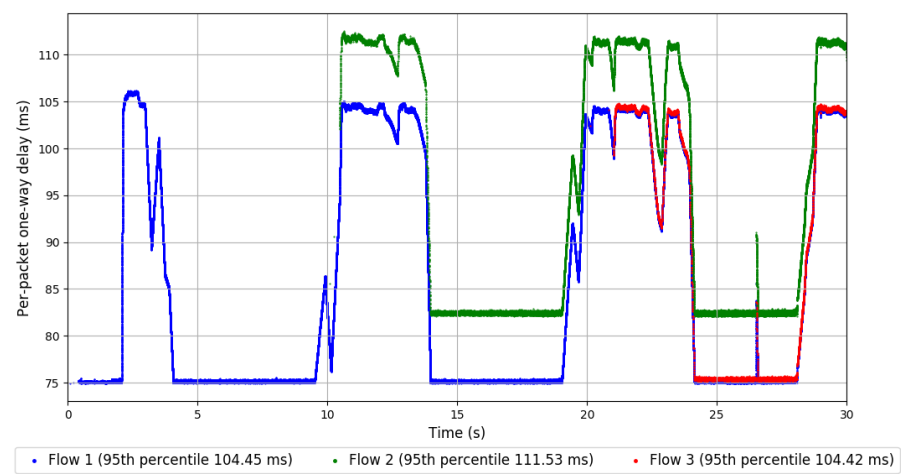
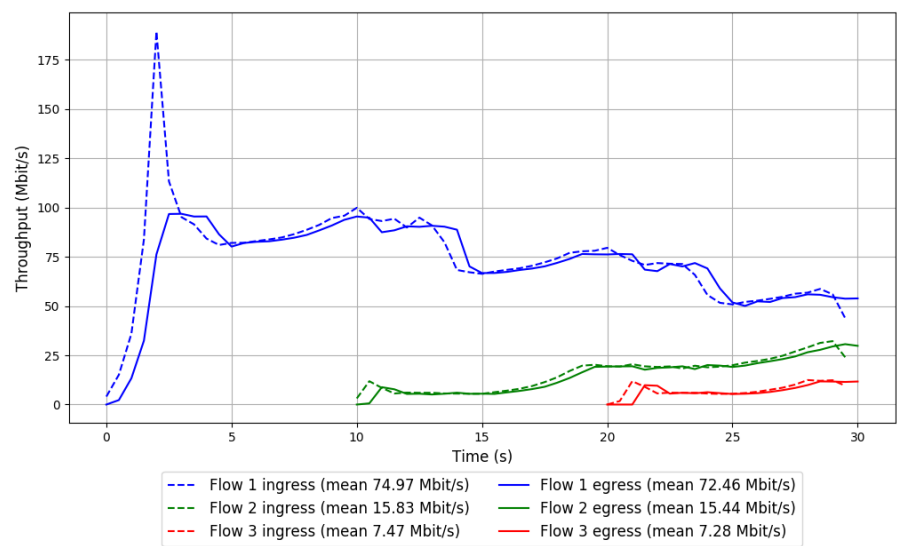


Run 5: Statistics of PCC-Expr

Start at: 2018-08-01 09:24:55
End at: 2018-08-01 09:25:25
Local clock offset: -6.64 ms
Remote clock offset: 15.719 ms

Below is generated by plot.py at 2018-08-01 11:28:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.13 Mbit/s
95th percentile per-packet one-way delay: 105.987 ms
Loss rate: 3.12%
-- Flow 1:
Average throughput: 72.46 Mbit/s
95th percentile per-packet one-way delay: 104.446 ms
Loss rate: 3.25%
-- Flow 2:
Average throughput: 15.44 Mbit/s
95th percentile per-packet one-way delay: 111.530 ms
Loss rate: 2.36%
-- Flow 3:
Average throughput: 7.28 Mbit/s
95th percentile per-packet one-way delay: 104.424 ms
Loss rate: 2.51%

Run 5: Report of PCC-Expr — Data Link

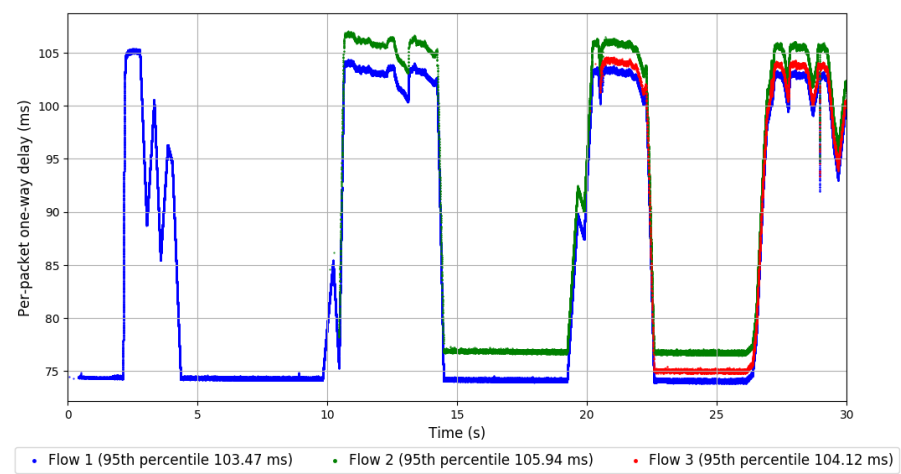
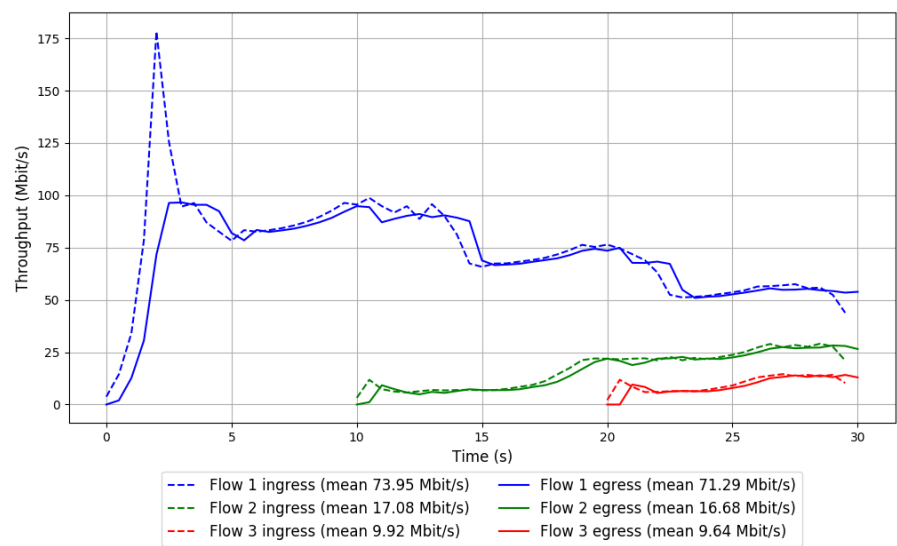


Run 6: Statistics of PCC-Expr

Start at: 2018-08-01 09:45:56
End at: 2018-08-01 09:46:26
Local clock offset: -5.664 ms
Remote clock offset: 22.958 ms

Below is generated by plot.py at 2018-08-01 11:28:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.56 Mbit/s
95th percentile per-packet one-way delay: 104.256 ms
Loss rate: 3.33%
-- Flow 1:
Average throughput: 71.29 Mbit/s
95th percentile per-packet one-way delay: 103.472 ms
Loss rate: 3.51%
-- Flow 2:
Average throughput: 16.68 Mbit/s
95th percentile per-packet one-way delay: 105.938 ms
Loss rate: 2.26%
-- Flow 3:
Average throughput: 9.64 Mbit/s
95th percentile per-packet one-way delay: 104.125 ms
Loss rate: 2.82%

Run 6: Report of PCC-Expr — Data Link

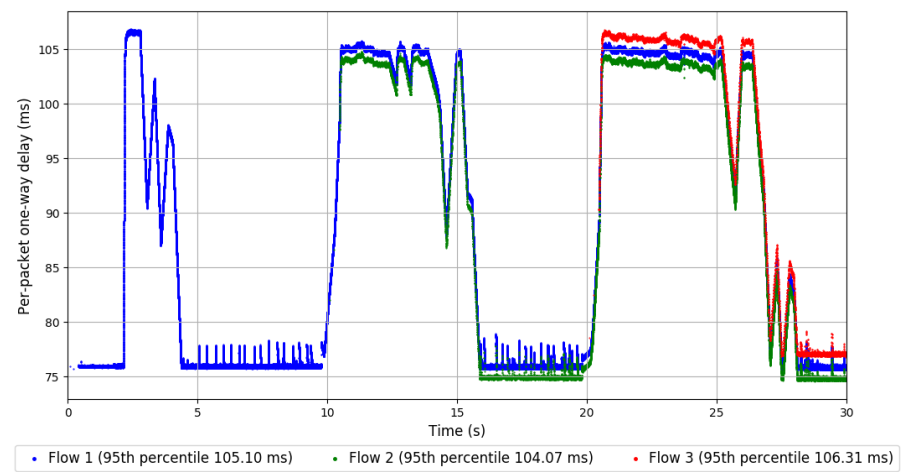
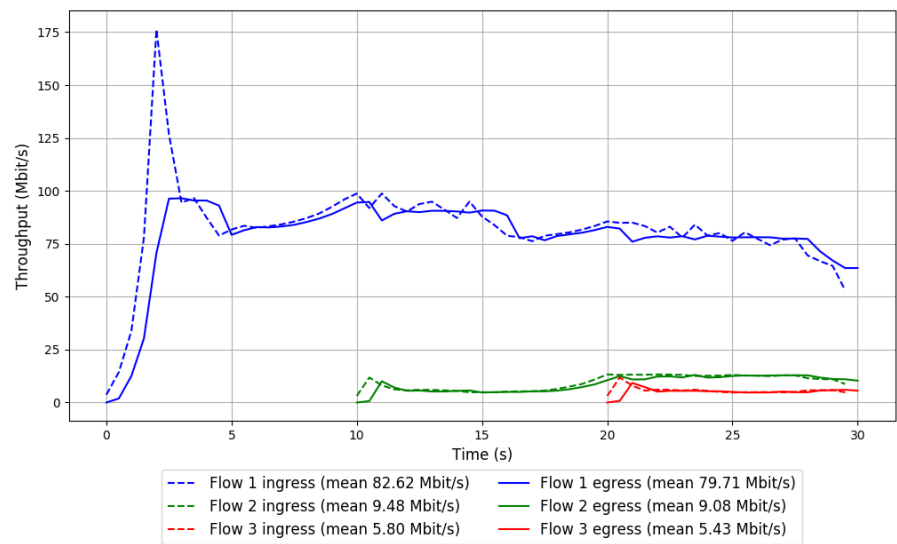


Run 7: Statistics of PCC-Expr

Start at: 2018-08-01 10:06:59
End at: 2018-08-01 10:07:29
Local clock offset: -5.756 ms
Remote clock offset: 34.256 ms

Below is generated by plot.py at 2018-08-01 11:29:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 87.54 Mbit/s
95th percentile per-packet one-way delay: 105.136 ms
Loss rate: 3.64%
-- Flow 1:
Average throughput: 79.71 Mbit/s
95th percentile per-packet one-way delay: 105.103 ms
Loss rate: 3.52%
-- Flow 2:
Average throughput: 9.08 Mbit/s
95th percentile per-packet one-way delay: 104.074 ms
Loss rate: 4.33%
-- Flow 3:
Average throughput: 5.43 Mbit/s
95th percentile per-packet one-way delay: 106.305 ms
Loss rate: 6.44%

Run 7: Report of PCC-Expr — Data Link

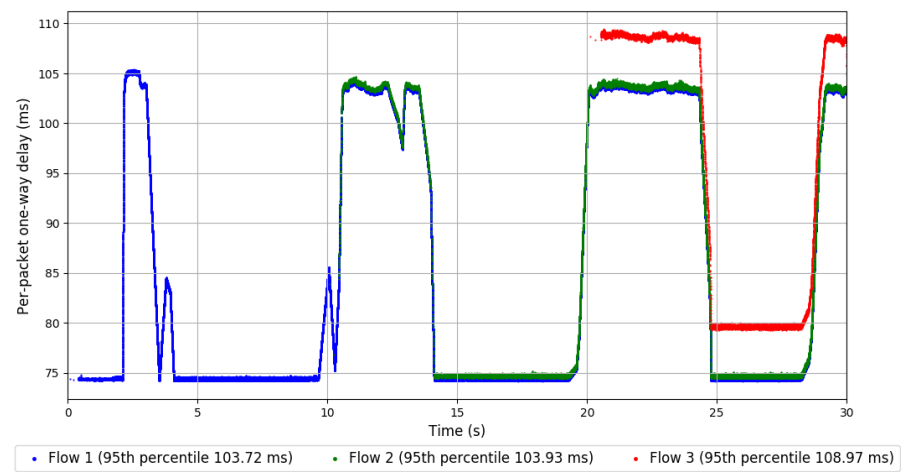
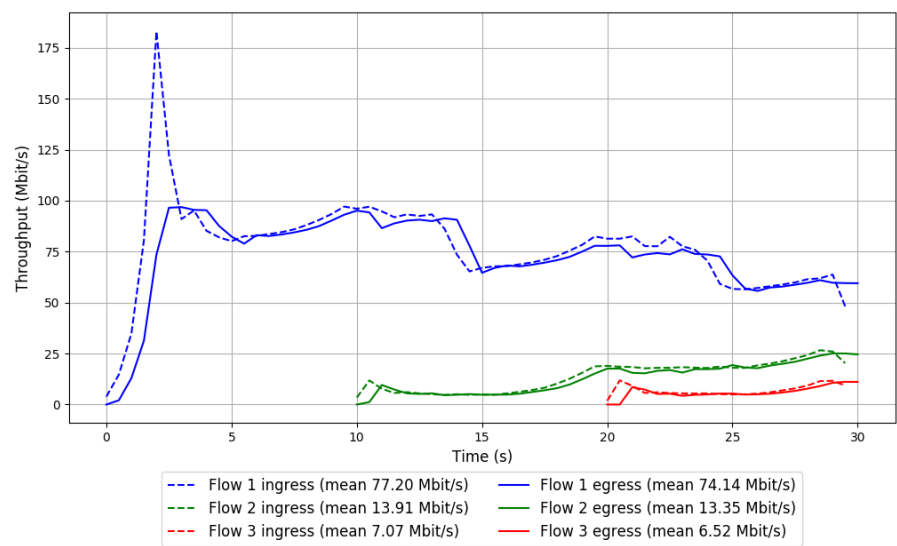


Run 8: Statistics of PCC-Expr

Start at: 2018-08-01 10:28:06
End at: 2018-08-01 10:28:36
Local clock offset: -3.847 ms
Remote clock offset: 41.251 ms

Below is generated by plot.py at 2018-08-01 11:29:36
Datalink statistics
-- Total of 3 flows:
Average throughput: 85.17 Mbit/s
95th percentile per-packet one-way delay: 103.824 ms
Loss rate: 3.99%
-- Flow 1:
Average throughput: 74.14 Mbit/s
95th percentile per-packet one-way delay: 103.717 ms
Loss rate: 3.88%
-- Flow 2:
Average throughput: 13.35 Mbit/s
95th percentile per-packet one-way delay: 103.930 ms
Loss rate: 3.89%
-- Flow 3:
Average throughput: 6.52 Mbit/s
95th percentile per-packet one-way delay: 108.967 ms
Loss rate: 7.87%

Run 8: Report of PCC-Expr — Data Link



Run 9: Statistics of PCC-Expr

Start at: 2018-08-01 10:49:12

End at: 2018-08-01 10:49:42

Local clock offset: -0.885 ms

Remote clock offset: 38.42 ms

Below is generated by plot.py at 2018-08-01 11:30:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 87.81 Mbit/s

95th percentile per-packet one-way delay: 102.791 ms

Loss rate: 3.56%

-- Flow 1:

Average throughput: 77.29 Mbit/s

95th percentile per-packet one-way delay: 102.536 ms

Loss rate: 3.47%

-- Flow 2:

Average throughput: 11.28 Mbit/s

95th percentile per-packet one-way delay: 103.207 ms

Loss rate: 4.06%

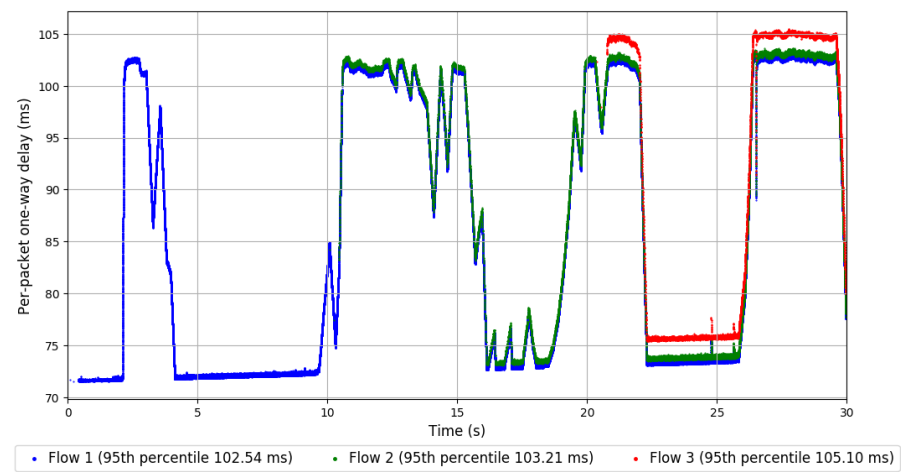
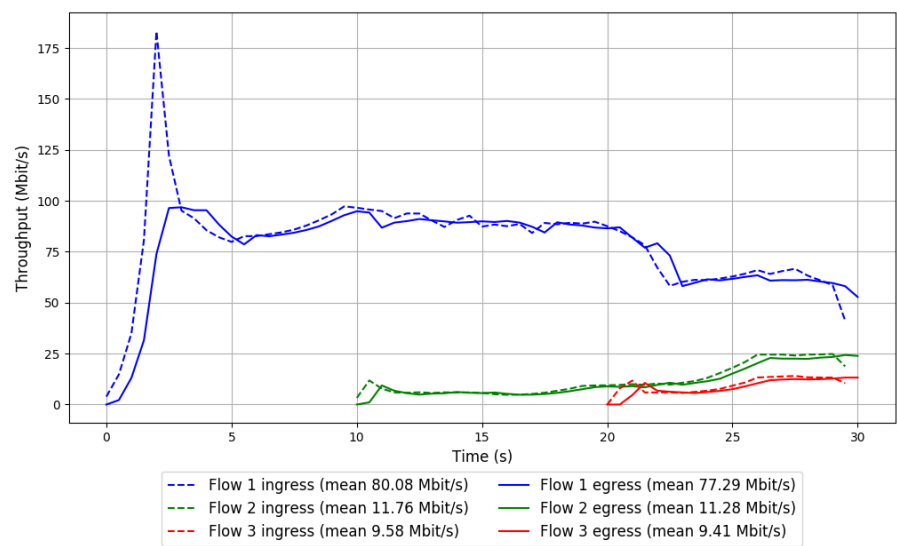
-- Flow 3:

Average throughput: 9.41 Mbit/s

95th percentile per-packet one-way delay: 105.103 ms

Loss rate: 4.54%

Run 9: Report of PCC-Expr — Data Link

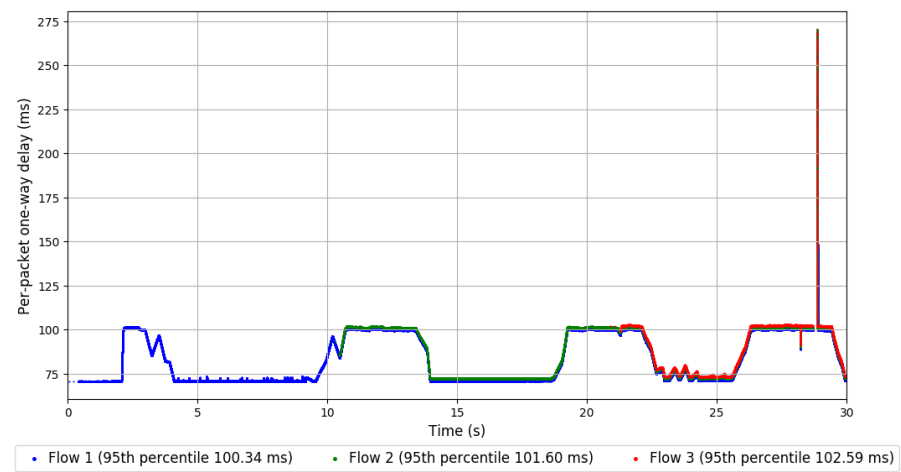
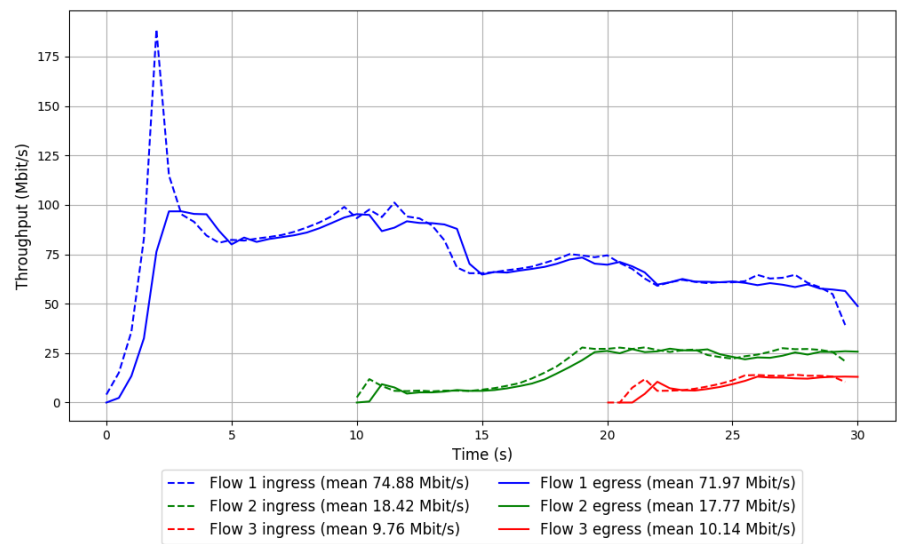


Run 10: Statistics of PCC-Expr

Start at: 2018-08-01 11:10:21
End at: 2018-08-01 11:10:51
Local clock offset: 0.292 ms
Remote clock offset: -1.092 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 86.85 Mbit/s
95th percentile per-packet one-way delay: 101.365 ms
Loss rate: 3.88%
-- Flow 1:
Average throughput: 71.97 Mbit/s
95th percentile per-packet one-way delay: 100.343 ms
Loss rate: 3.89%
-- Flow 2:
Average throughput: 17.77 Mbit/s
95th percentile per-packet one-way delay: 101.600 ms
Loss rate: 3.58%
-- Flow 3:
Average throughput: 10.14 Mbit/s
95th percentile per-packet one-way delay: 102.588 ms
Loss rate: 4.52%

Run 10: Report of PCC-Expr — Data Link

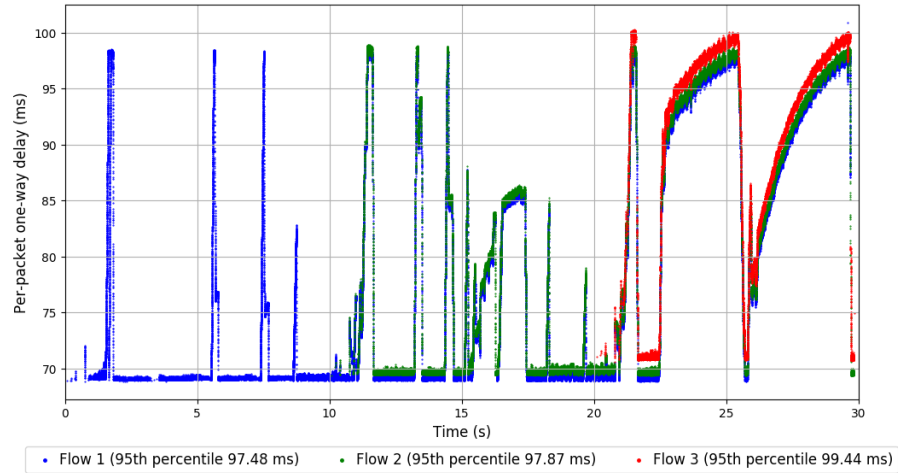
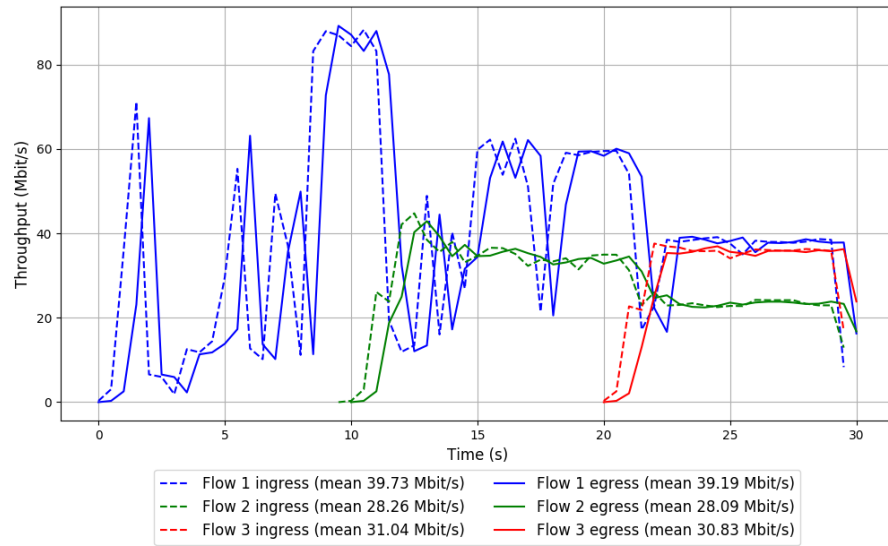


Run 1: Statistics of QUIC Cubic

Start at: 2018-08-01 07:55:59
End at: 2018-08-01 07:56:29
Local clock offset: -3.56 ms
Remote clock offset: 12.879 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.76 Mbit/s
95th percentile per-packet one-way delay: 98.175 ms
Loss rate: 1.00%
-- Flow 1:
Average throughput: 39.19 Mbit/s
95th percentile per-packet one-way delay: 97.482 ms
Loss rate: 1.28%
-- Flow 2:
Average throughput: 28.09 Mbit/s
95th percentile per-packet one-way delay: 97.869 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 30.83 Mbit/s
95th percentile per-packet one-way delay: 99.436 ms
Loss rate: 0.65%

Run 1: Report of QUIC Cubic — Data Link

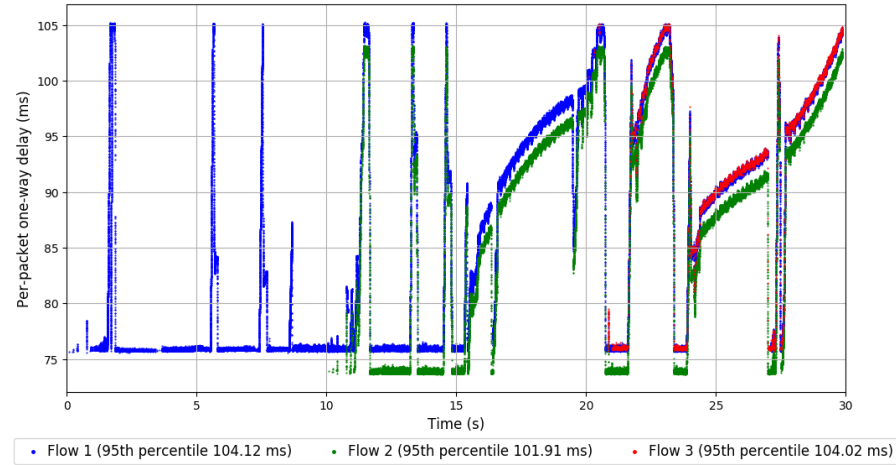
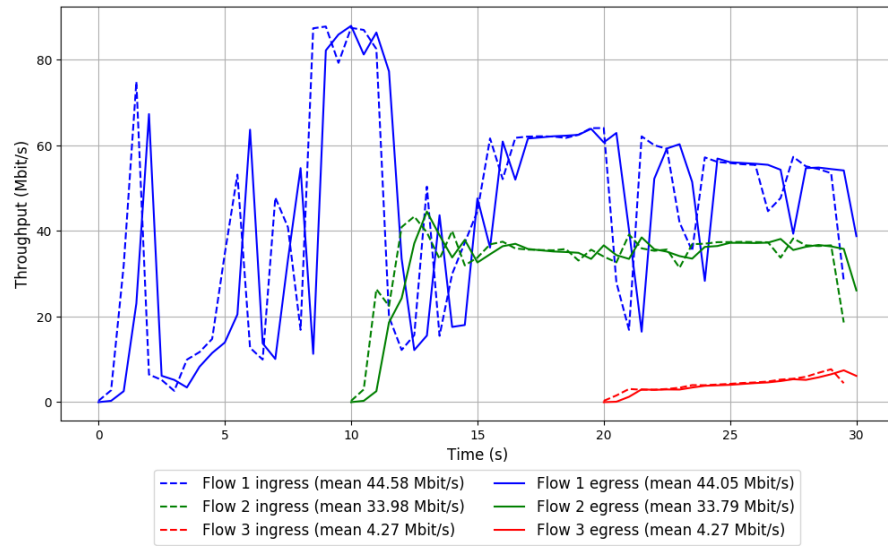


Run 2: Statistics of QUIC Cubic

Start at: 2018-08-01 08:16:58
End at: 2018-08-01 08:17:28
Local clock offset: -5.911 ms
Remote clock offset: 16.628 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 67.89 Mbit/s
95th percentile per-packet one-way delay: 103.009 ms
Loss rate: 0.84%
-- Flow 1:
Average throughput: 44.05 Mbit/s
95th percentile per-packet one-way delay: 104.123 ms
Loss rate: 1.09%
-- Flow 2:
Average throughput: 33.79 Mbit/s
95th percentile per-packet one-way delay: 101.905 ms
Loss rate: 0.40%
-- Flow 3:
Average throughput: 4.27 Mbit/s
95th percentile per-packet one-way delay: 104.015 ms
Loss rate: 0.08%

Run 2: Report of QUIC Cubic — Data Link

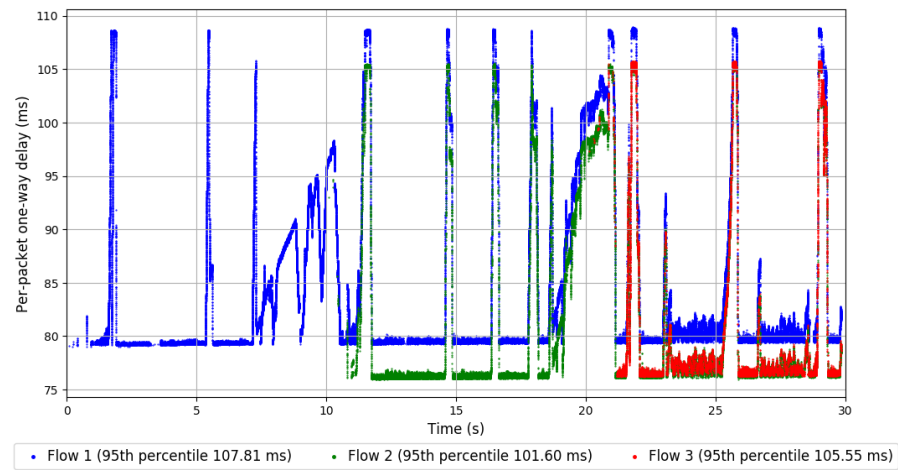
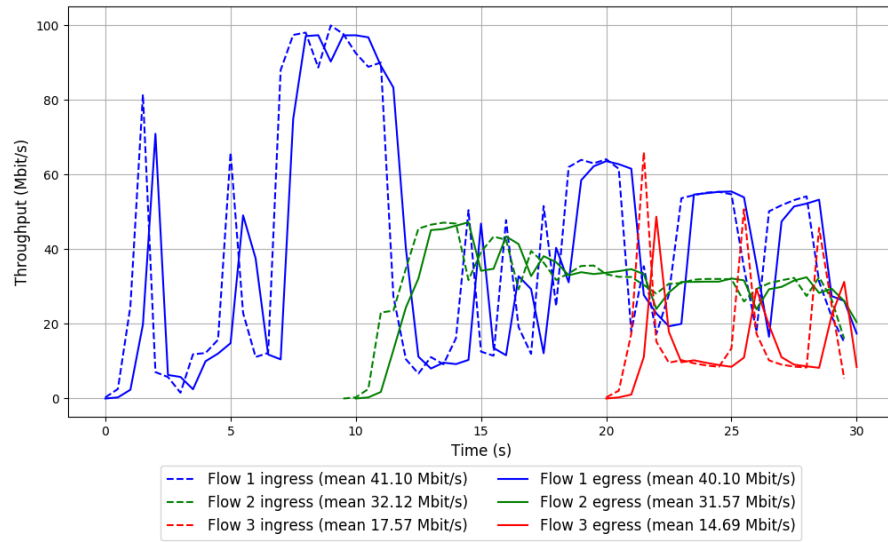


Run 3: Statistics of QUIC Cubic

Start at: 2018-08-01 08:37:59
End at: 2018-08-01 08:38:29
Local clock offset: -3.562 ms
Remote clock offset: 13.042 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.84 Mbit/s
95th percentile per-packet one-way delay: 105.316 ms
Loss rate: 3.43%
-- Flow 1:
Average throughput: 40.10 Mbit/s
95th percentile per-packet one-way delay: 107.809 ms
Loss rate: 2.45%
-- Flow 2:
Average throughput: 31.57 Mbit/s
95th percentile per-packet one-way delay: 101.597 ms
Loss rate: 1.77%
-- Flow 3:
Average throughput: 14.69 Mbit/s
95th percentile per-packet one-way delay: 105.545 ms
Loss rate: 16.57%

Run 3: Report of QUIC Cubic — Data Link



Run 4: Statistics of QUIC Cubic

Start at: 2018-08-01 08:59:03

End at: 2018-08-01 08:59:33

Local clock offset: -4.95 ms

Remote clock offset: 8.408 ms

Below is generated by plot.py at 2018-08-01 11:30:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 68.88 Mbit/s

95th percentile per-packet one-way delay: 104.020 ms

Loss rate: 0.80%

-- Flow 1:

Average throughput: 45.43 Mbit/s

95th percentile per-packet one-way delay: 104.184 ms

Loss rate: 1.00%

-- Flow 2:

Average throughput: 32.89 Mbit/s

95th percentile per-packet one-way delay: 103.724 ms

Loss rate: 0.41%

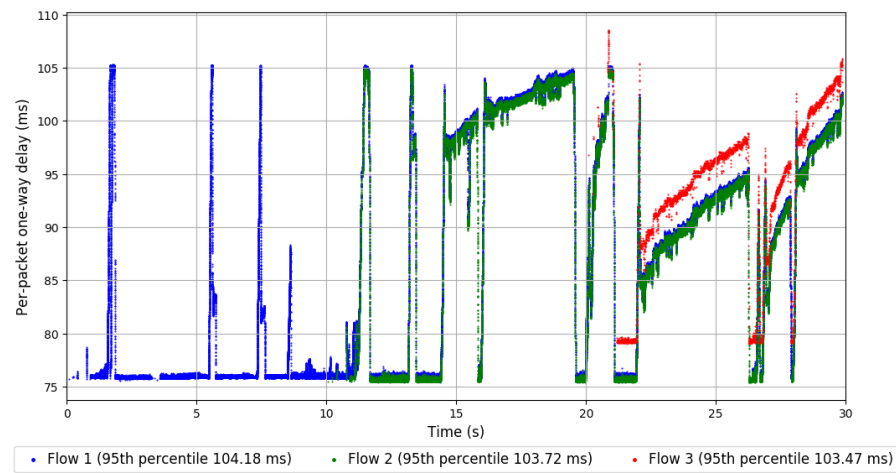
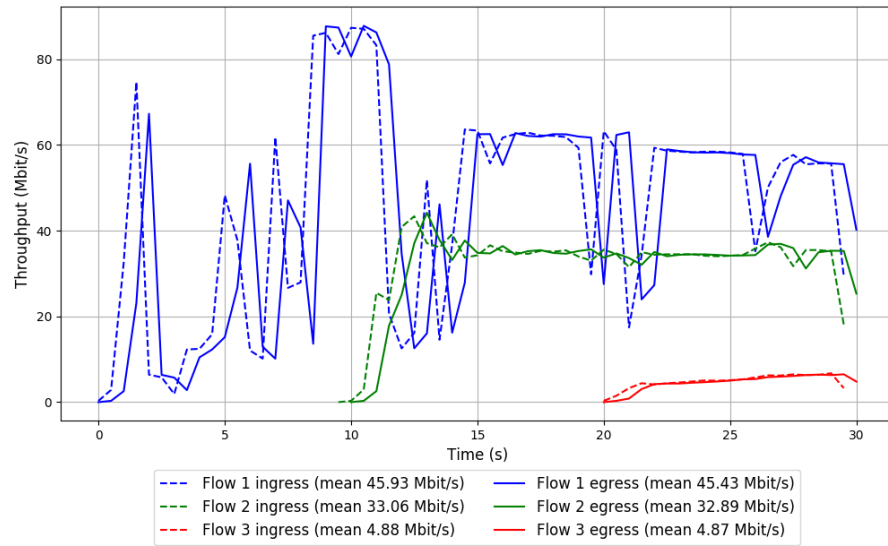
-- Flow 3:

Average throughput: 4.87 Mbit/s

95th percentile per-packet one-way delay: 103.468 ms

Loss rate: 0.24%

Run 4: Report of QUIC Cubic — Data Link

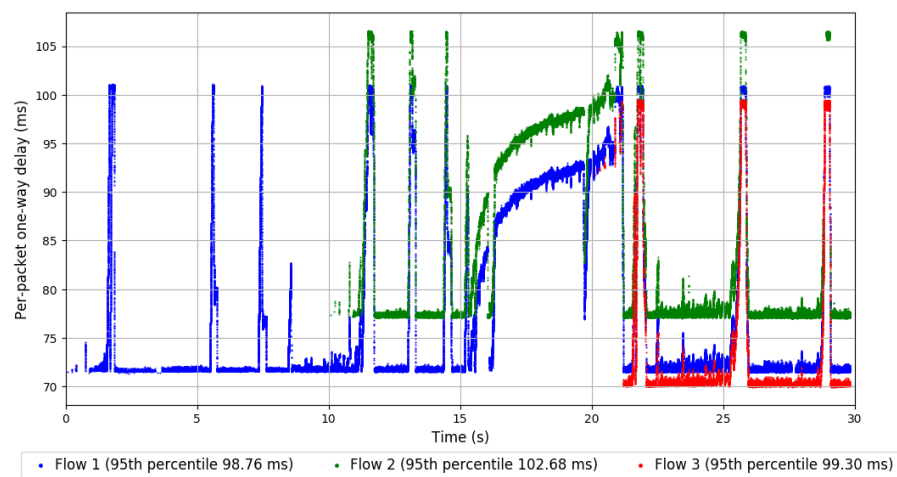
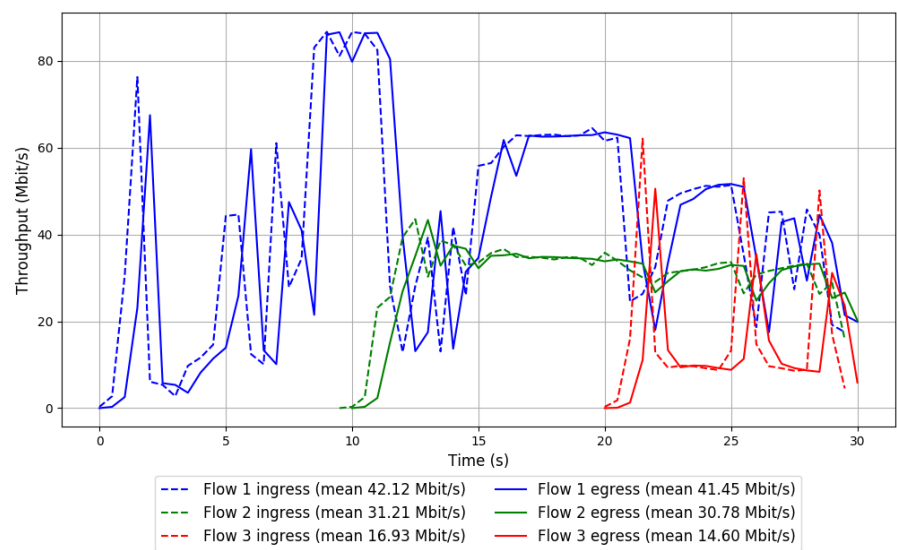


Run 5: Statistics of QUIC Cubic

Start at: 2018-08-01 09:20:05
End at: 2018-08-01 09:20:35
Local clock offset: -6.916 ms
Remote clock offset: 10.019 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 66.65 Mbit/s
95th percentile per-packet one-way delay: 99.839 ms
Loss rate: 2.52%
-- Flow 1:
Average throughput: 41.45 Mbit/s
95th percentile per-packet one-way delay: 98.759 ms
Loss rate: 1.58%
-- Flow 2:
Average throughput: 30.78 Mbit/s
95th percentile per-packet one-way delay: 102.684 ms
Loss rate: 1.40%
-- Flow 3:
Average throughput: 14.60 Mbit/s
95th percentile per-packet one-way delay: 99.298 ms
Loss rate: 13.94%

Run 5: Report of QUIC Cubic — Data Link

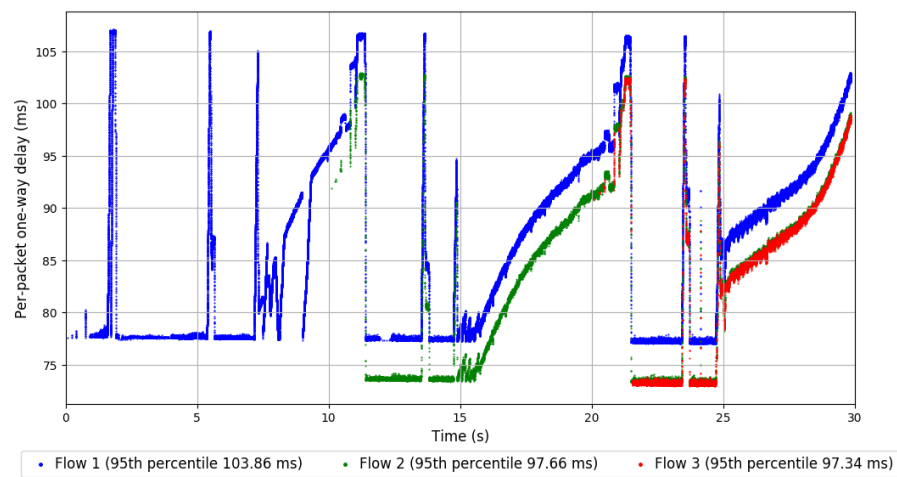
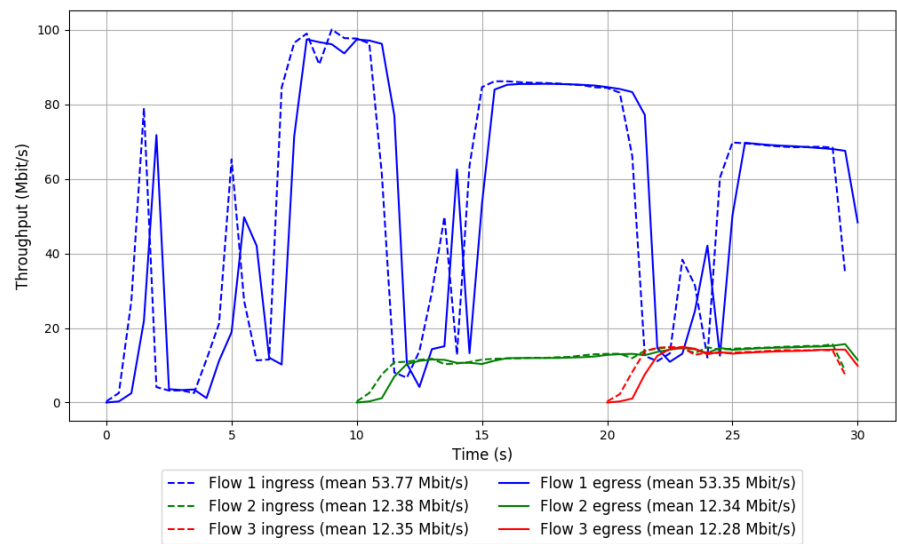


Run 6: Statistics of QUIC Cubic

Start at: 2018-08-01 09:41:06
End at: 2018-08-01 09:41:36
Local clock offset: -5.713 ms
Remote clock offset: 17.701 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.55 Mbit/s
95th percentile per-packet one-way delay: 103.477 ms
Loss rate: 0.63%
-- Flow 1:
Average throughput: 53.35 Mbit/s
95th percentile per-packet one-way delay: 103.863 ms
Loss rate: 0.70%
-- Flow 2:
Average throughput: 12.34 Mbit/s
95th percentile per-packet one-way delay: 97.660 ms
Loss rate: 0.25%
-- Flow 3:
Average throughput: 12.28 Mbit/s
95th percentile per-packet one-way delay: 97.343 ms
Loss rate: 0.55%

Run 6: Report of QUIC Cubic — Data Link

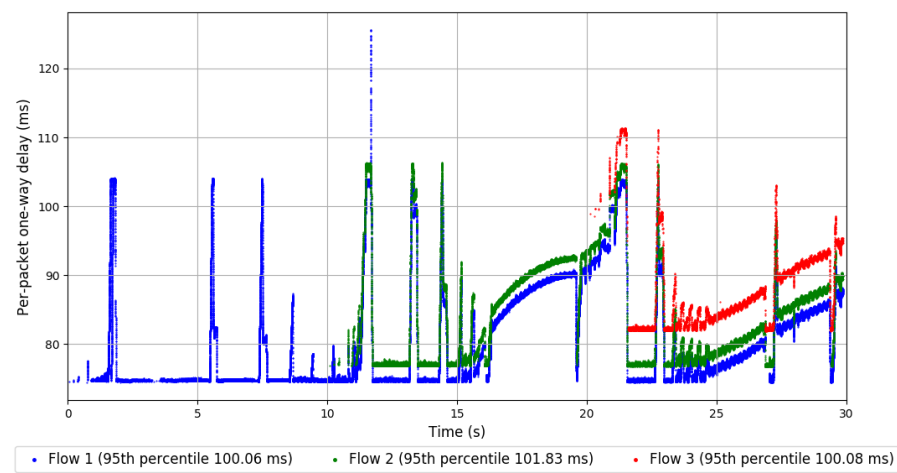
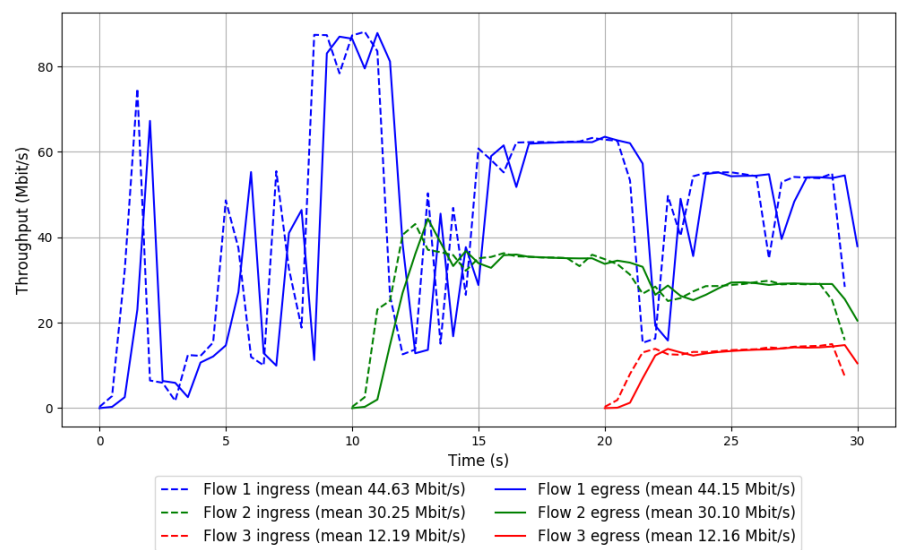


Run 7: Statistics of QUIC Cubic

Start at: 2018-08-01 10:02:10
End at: 2018-08-01 10:02:40
Local clock offset: -5.784 ms
Remote clock offset: 32.461 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.08 Mbit/s
95th percentile per-packet one-way delay: 101.234 ms
Loss rate: 0.83%
-- Flow 1:
Average throughput: 44.15 Mbit/s
95th percentile per-packet one-way delay: 100.058 ms
Loss rate: 1.04%
-- Flow 2:
Average throughput: 30.10 Mbit/s
95th percentile per-packet one-way delay: 101.829 ms
Loss rate: 0.46%
-- Flow 3:
Average throughput: 12.16 Mbit/s
95th percentile per-packet one-way delay: 100.085 ms
Loss rate: 0.31%

Run 7: Report of QUIC Cubic — Data Link

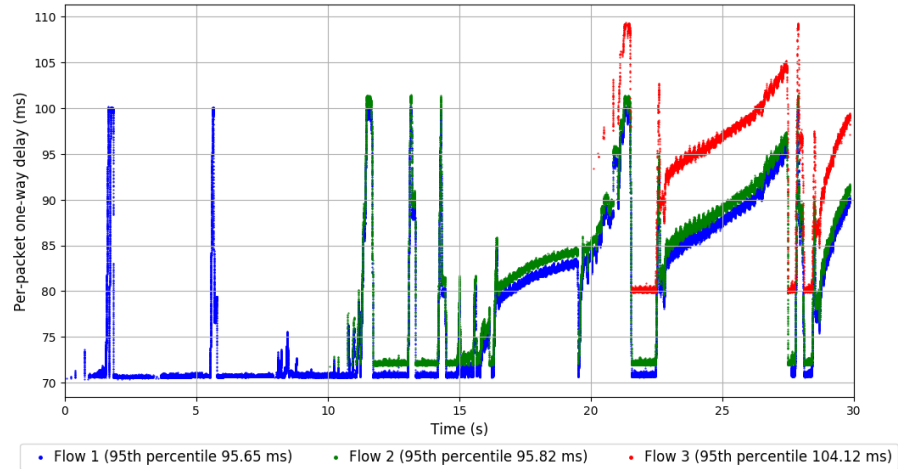
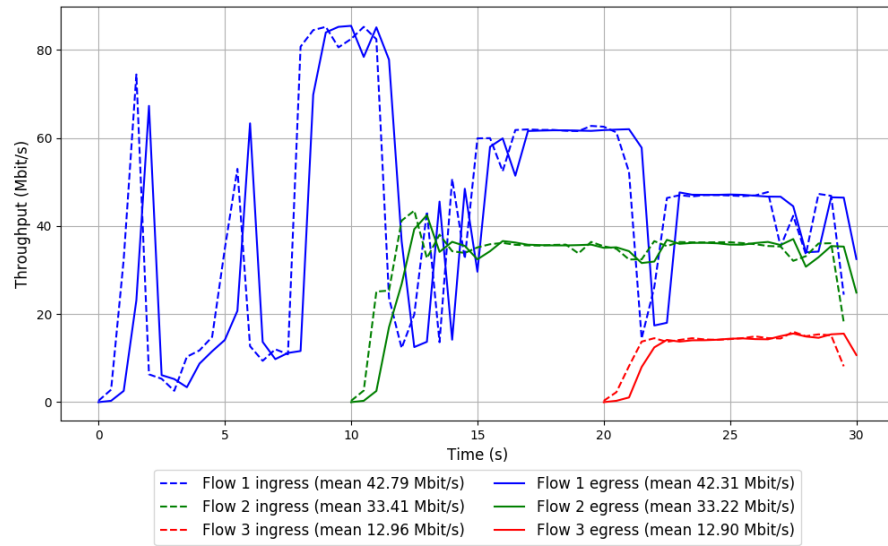


Run 8: Statistics of QUIC Cubic

Start at: 2018-08-01 10:23:16
End at: 2018-08-01 10:23:46
Local clock offset: -5.634 ms
Remote clock offset: 36.217 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 68.59 Mbit/s
95th percentile per-packet one-way delay: 98.413 ms
Loss rate: 0.82%
-- Flow 1:
Average throughput: 42.31 Mbit/s
95th percentile per-packet one-way delay: 95.650 ms
Loss rate: 1.05%
-- Flow 2:
Average throughput: 33.22 Mbit/s
95th percentile per-packet one-way delay: 95.823 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 12.90 Mbit/s
95th percentile per-packet one-way delay: 104.122 ms
Loss rate: 0.42%

Run 8: Report of QUIC Cubic — Data Link

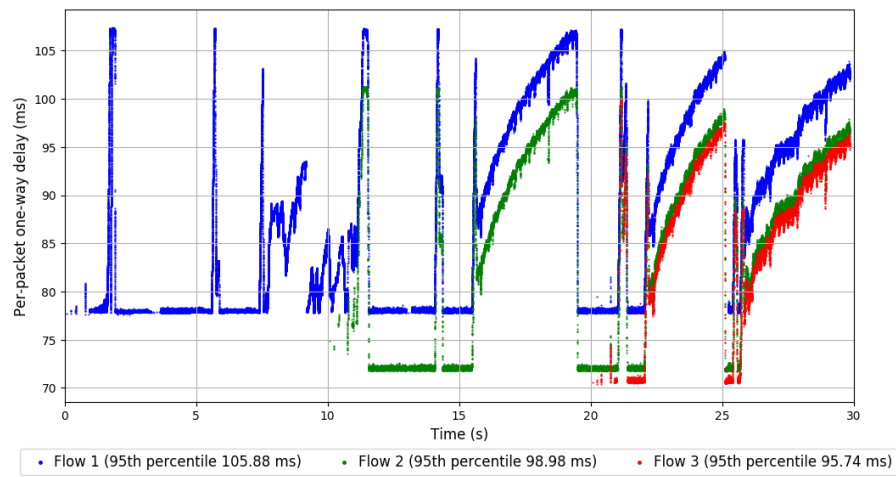
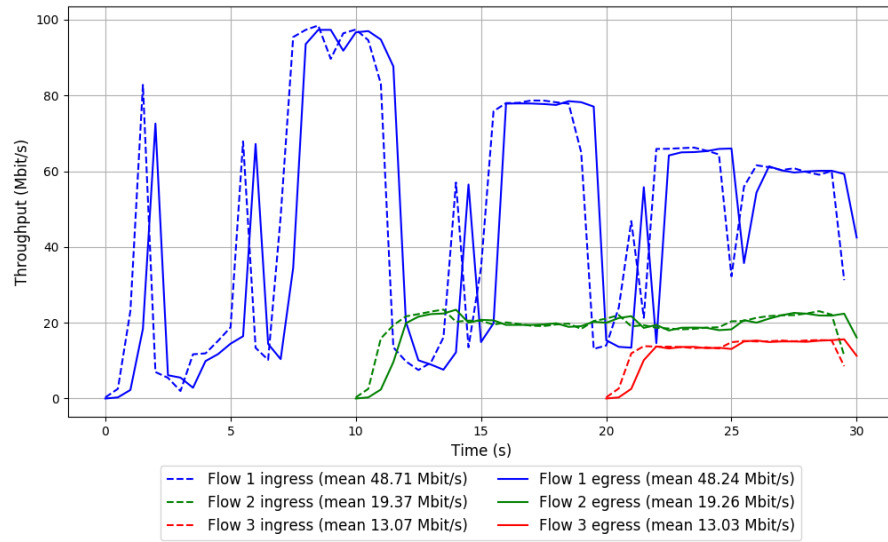


Run 9: Statistics of QUIC Cubic

Start at: 2018-08-01 10:44:23
End at: 2018-08-01 10:44:53
Local clock offset: -1.258 ms
Remote clock offset: 41.863 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.31 Mbit/s
95th percentile per-packet one-way delay: 104.961 ms
Loss rate: 0.76%
-- Flow 1:
Average throughput: 48.24 Mbit/s
95th percentile per-packet one-way delay: 105.882 ms
Loss rate: 0.90%
-- Flow 2:
Average throughput: 19.26 Mbit/s
95th percentile per-packet one-way delay: 98.982 ms
Loss rate: 0.47%
-- Flow 3:
Average throughput: 13.03 Mbit/s
95th percentile per-packet one-way delay: 95.740 ms
Loss rate: 0.04%

Run 9: Report of QUIC Cubic — Data Link



Run 10: Statistics of QUIC Cubic

Start at: 2018-08-01 11:05:31

End at: 2018-08-01 11:06:01

Local clock offset: 0.073 ms

Remote clock offset: 3.169 ms

Below is generated by plot.py at 2018-08-01 11:30:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 68.31 Mbit/s

95th percentile per-packet one-way delay: 96.307 ms

Loss rate: 0.82%

-- Flow 1:

Average throughput: 44.89 Mbit/s

95th percentile per-packet one-way delay: 96.180 ms

Loss rate: 1.03%

-- Flow 2:

Average throughput: 33.03 Mbit/s

95th percentile per-packet one-way delay: 96.793 ms

Loss rate: 0.41%

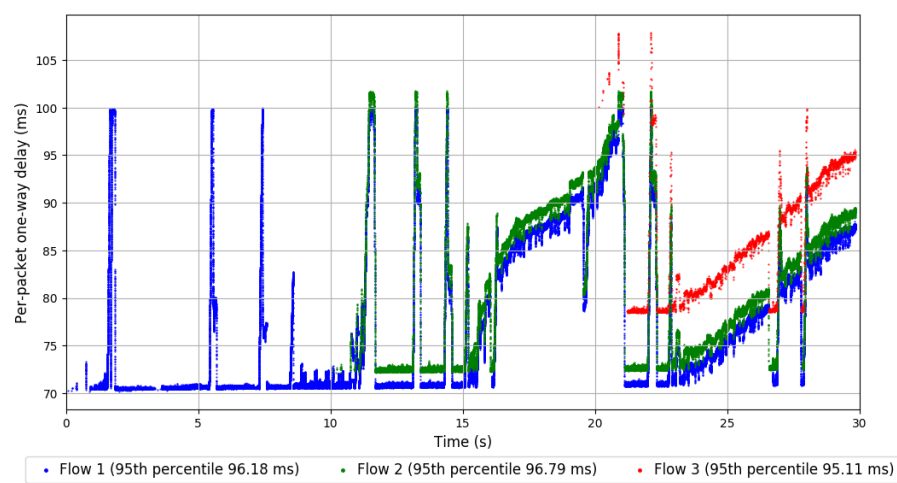
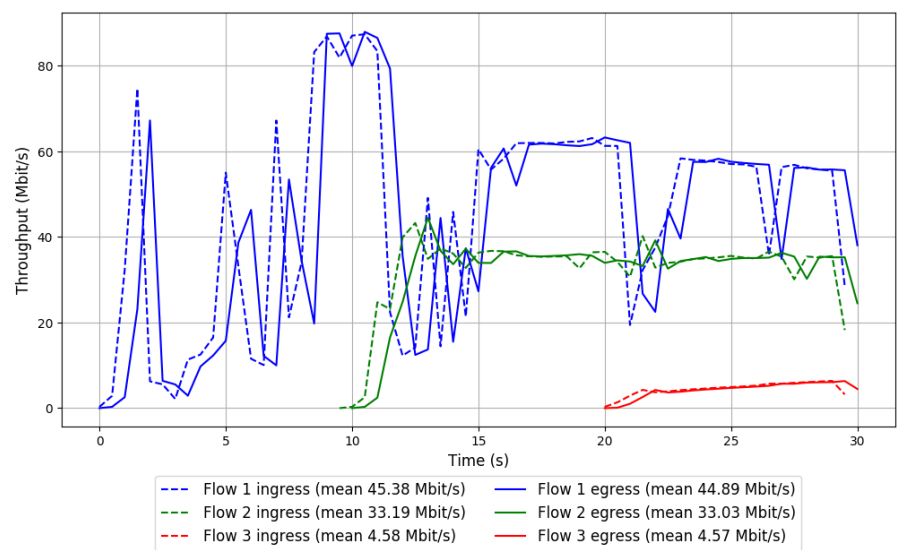
-- Flow 3:

Average throughput: 4.57 Mbit/s

95th percentile per-packet one-way delay: 95.111 ms

Loss rate: 0.36%

Run 10: Report of QUIC Cubic — Data Link

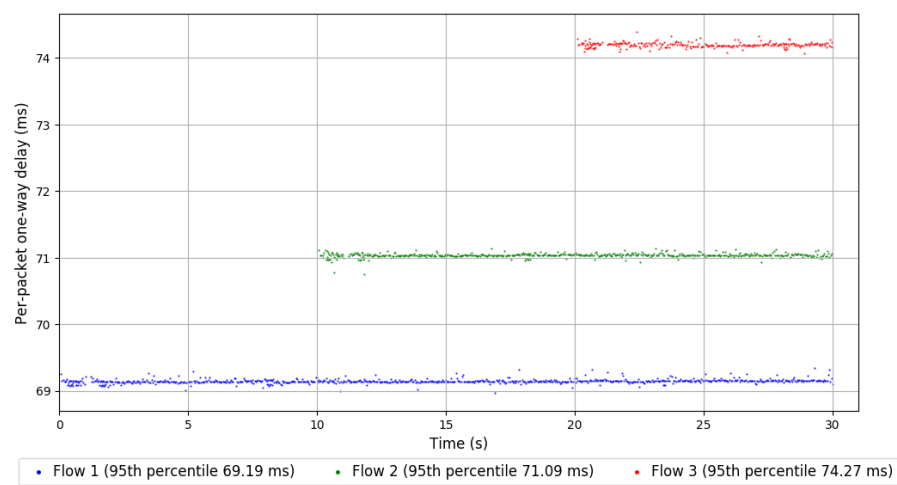
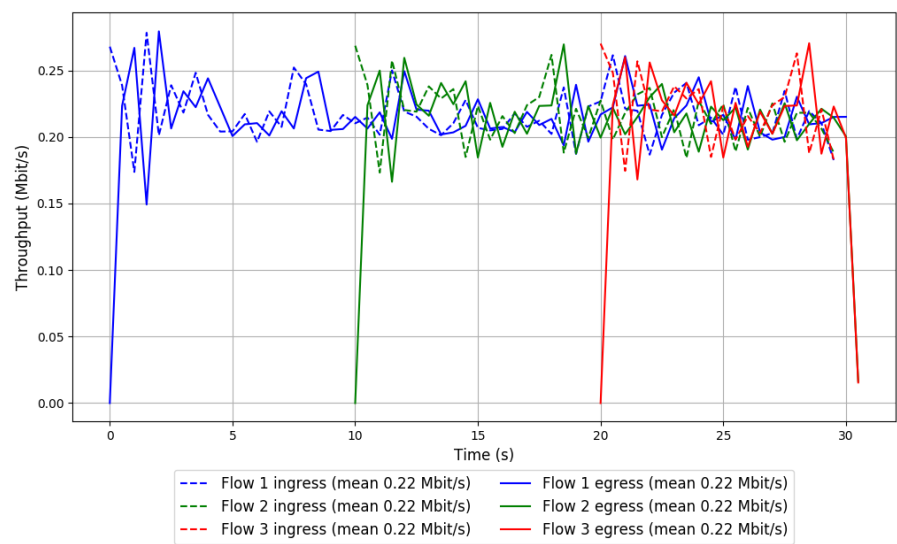


Run 1: Statistics of SReAM

Start at: 2018-08-01 07:58:27
End at: 2018-08-01 07:58:58
Local clock offset: -4.112 ms
Remote clock offset: 12.866 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 74.214 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 69.194 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 71.088 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 74.267 ms
Loss rate: 0.00%

Run 1: Report of SReAM — Data Link

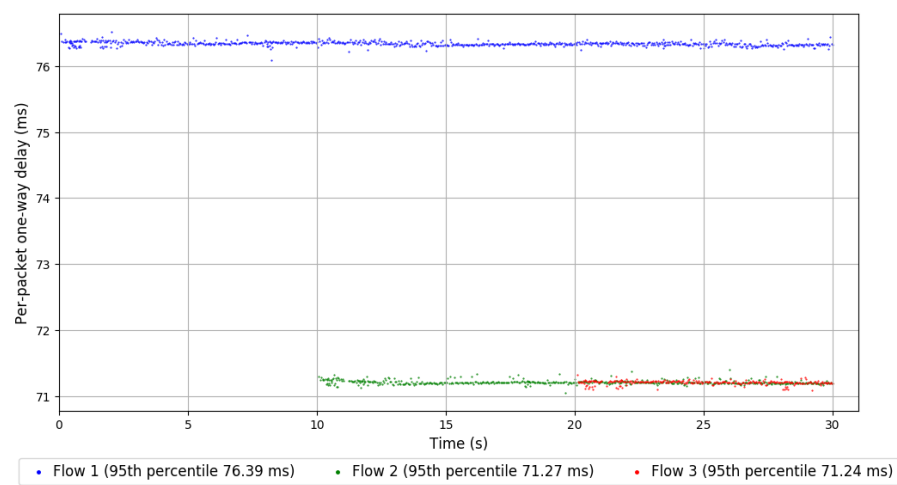
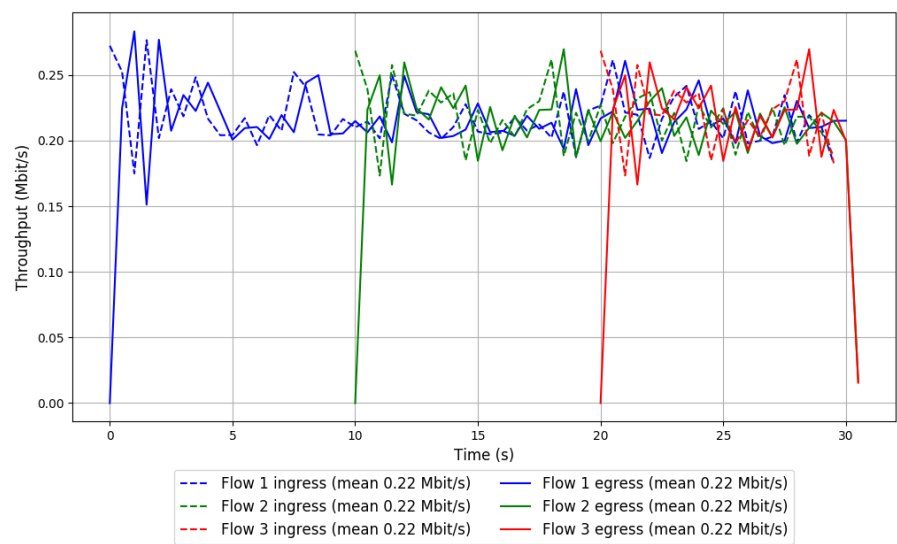


Run 2: Statistics of SReAM

Start at: 2018-08-01 08:19:27
End at: 2018-08-01 08:19:57
Local clock offset: -6.016 ms
Remote clock offset: 11.982 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 76.381 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 76.394 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 71.273 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 71.244 ms
Loss rate: 0.00%

Run 2: Report of SReAM — Data Link

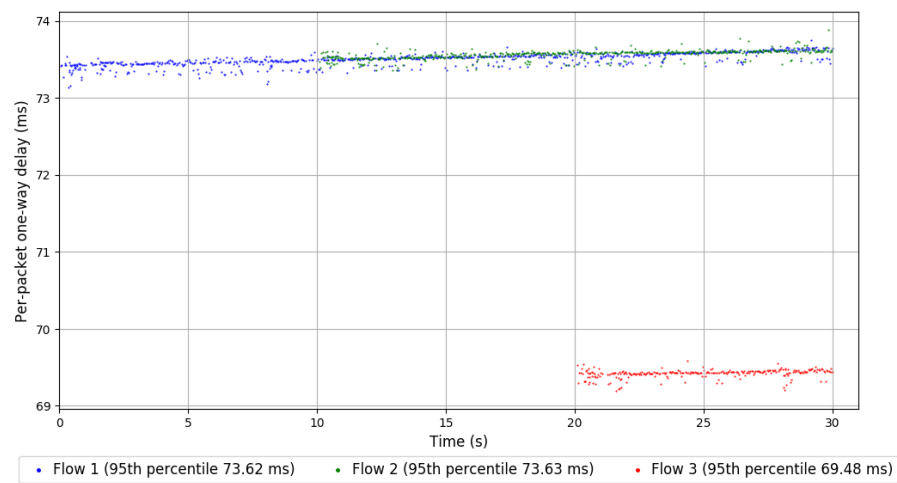
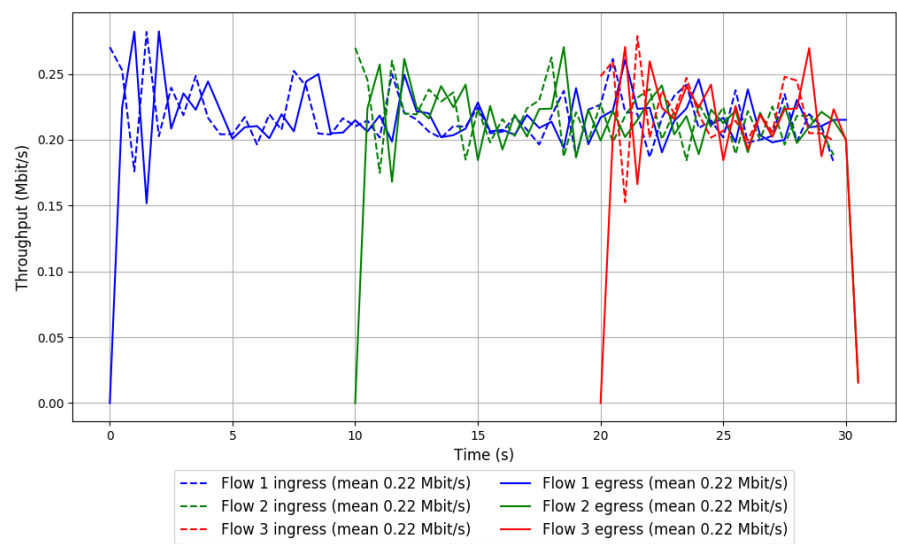


Run 3: Statistics of SReAM

Start at: 2018-08-01 08:40:28
End at: 2018-08-01 08:40:58
Local clock offset: -3.397 ms
Remote clock offset: 7.156 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 73.620 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 73.622 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 73.632 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 69.480 ms
Loss rate: 0.00%

Run 3: Report of SCReAM — Data Link

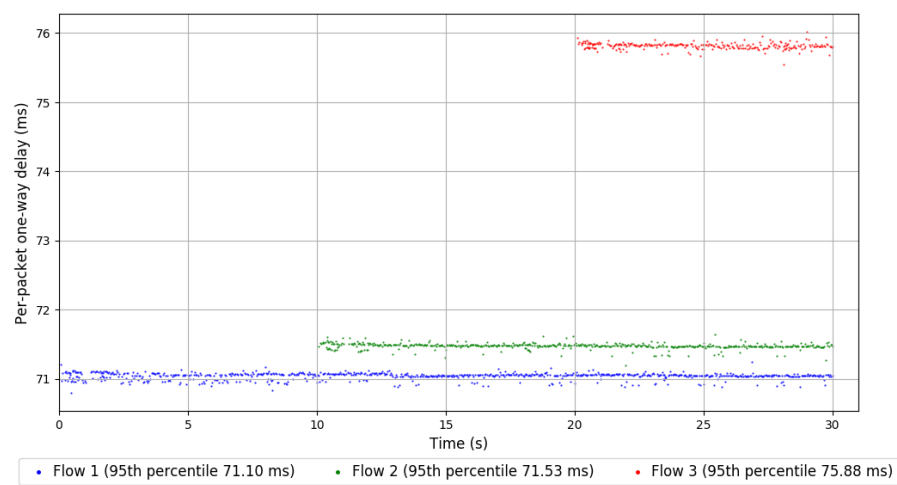
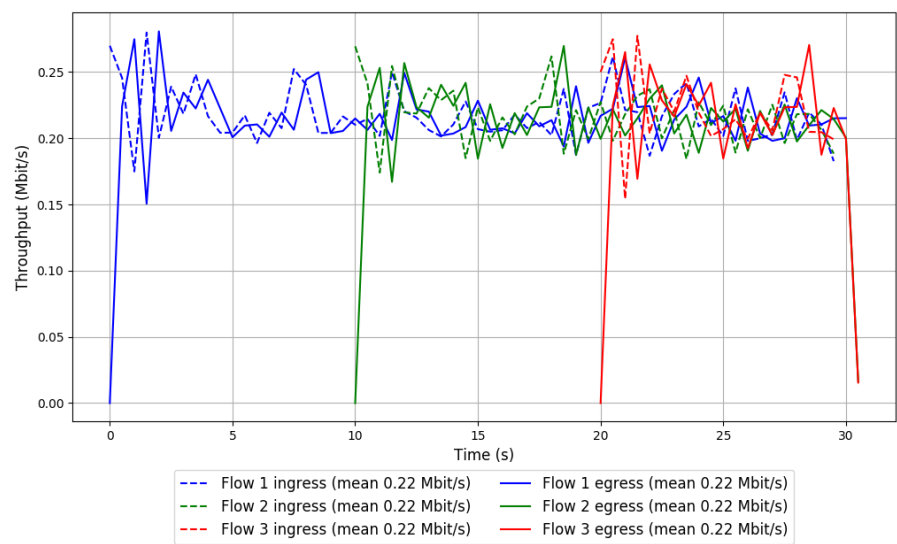


Run 4: Statistics of SReAM

Start at: 2018-08-01 09:01:31
End at: 2018-08-01 09:02:01
Local clock offset: -5.314 ms
Remote clock offset: 3.365 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 75.834 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 71.097 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 71.531 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 75.880 ms
Loss rate: 0.00%

Run 4: Report of SReAM — Data Link

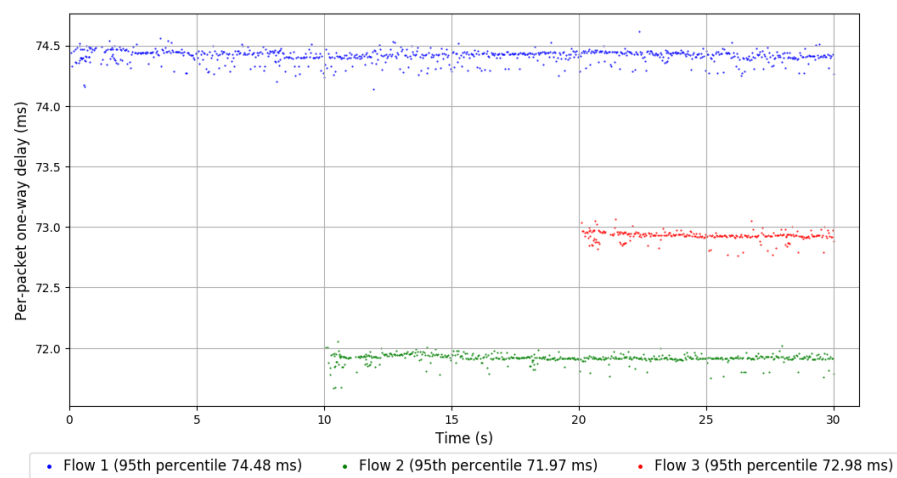
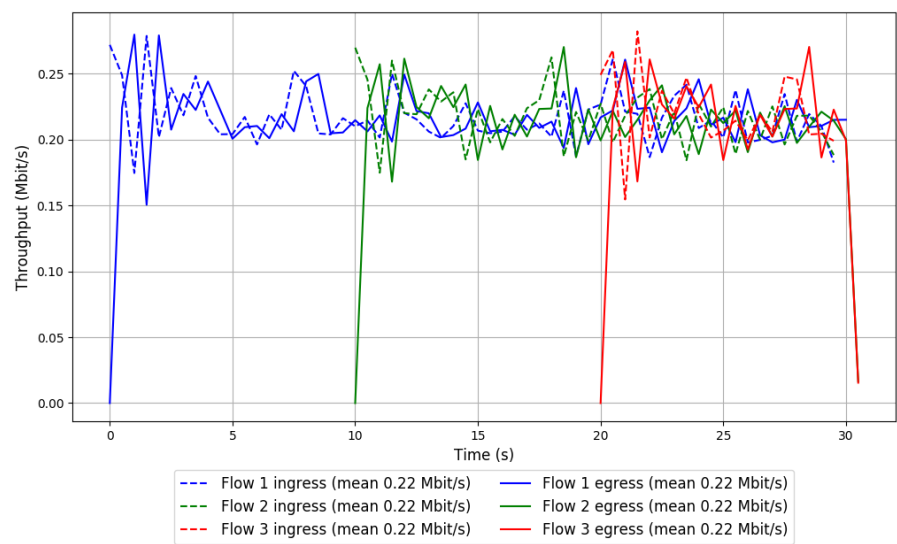


Run 5: Statistics of SReAM

Start at: 2018-08-01 09:22:34
End at: 2018-08-01 09:23:04
Local clock offset: -7.042 ms
Remote clock offset: 10.466 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 74.464 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 74.480 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 71.966 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 72.981 ms
Loss rate: 0.00%

Run 5: Report of SCReAM — Data Link

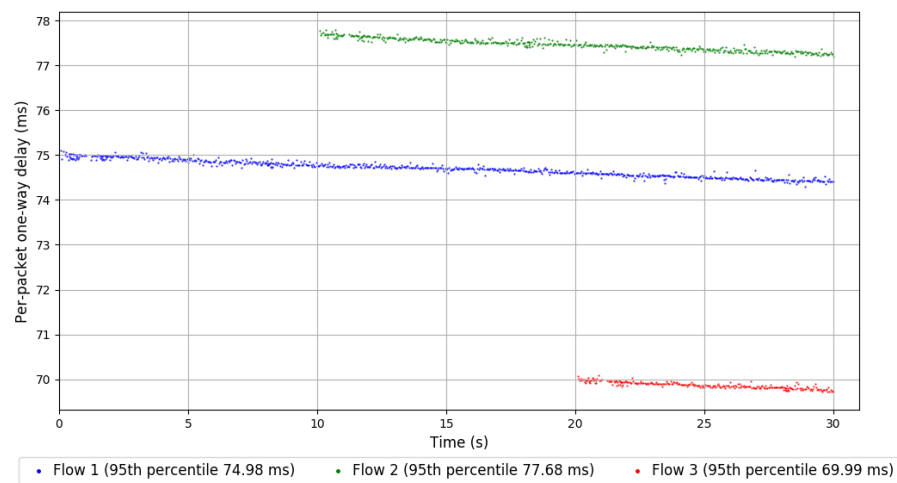
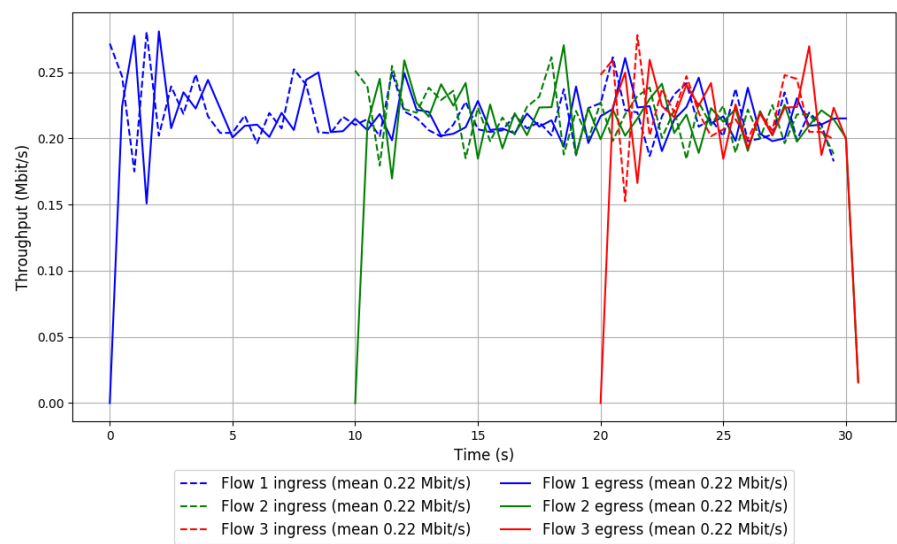


Run 6: Statistics of SReAM

Start at: 2018-08-01 09:43:35
End at: 2018-08-01 09:44:05
Local clock offset: -5.685 ms
Remote clock offset: 17.626 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 77.608 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 74.982 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 77.678 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 69.989 ms
Loss rate: 0.00%

Run 6: Report of SReAM — Data Link

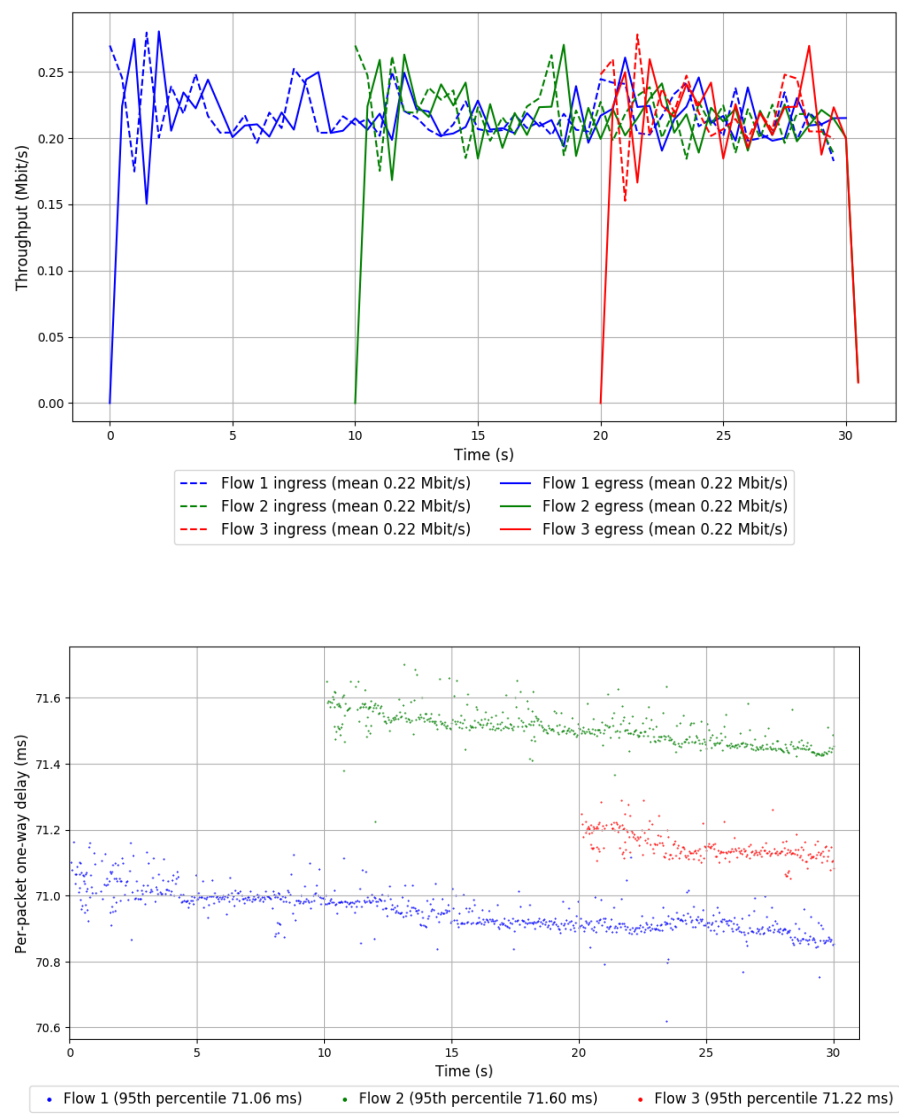


Run 7: Statistics of SReAM

Start at: 2018-08-01 10:04:39
End at: 2018-08-01 10:05:09
Local clock offset: -5.808 ms
Remote clock offset: 29.678 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 71.564 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 71.065 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 71.602 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 71.222 ms
Loss rate: 0.00%

Run 7: Report of SReAM — Data Link



Run 8: Statistics of SReAM

Start at: 2018-08-01 10:25:46

End at: 2018-08-01 10:26:16

Local clock offset: -4.486 ms

Remote clock offset: 39.61 ms

Below is generated by plot.py at 2018-08-01 11:30:49

Datalink statistics

-- Total of 3 flows:

Average throughput: 0.44 Mbit/s

95th percentile per-packet one-way delay: 75.732 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 73.334 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 75.591 ms

Loss rate: 0.00%

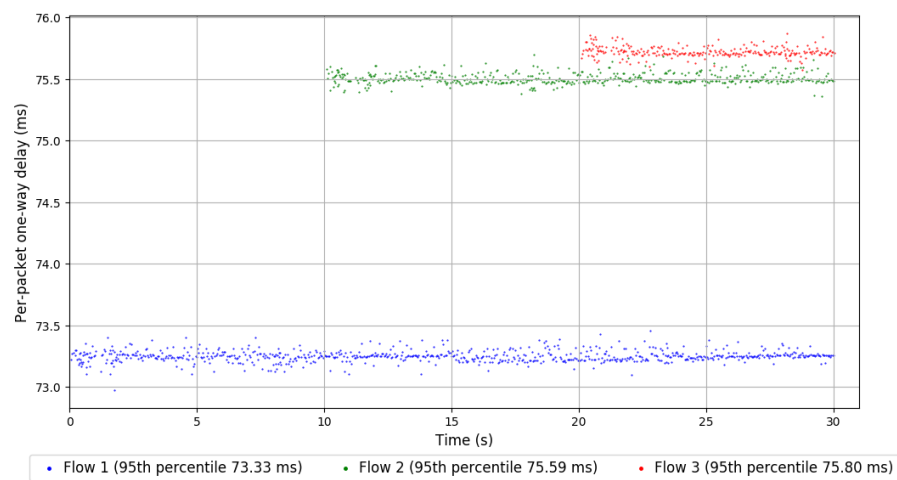
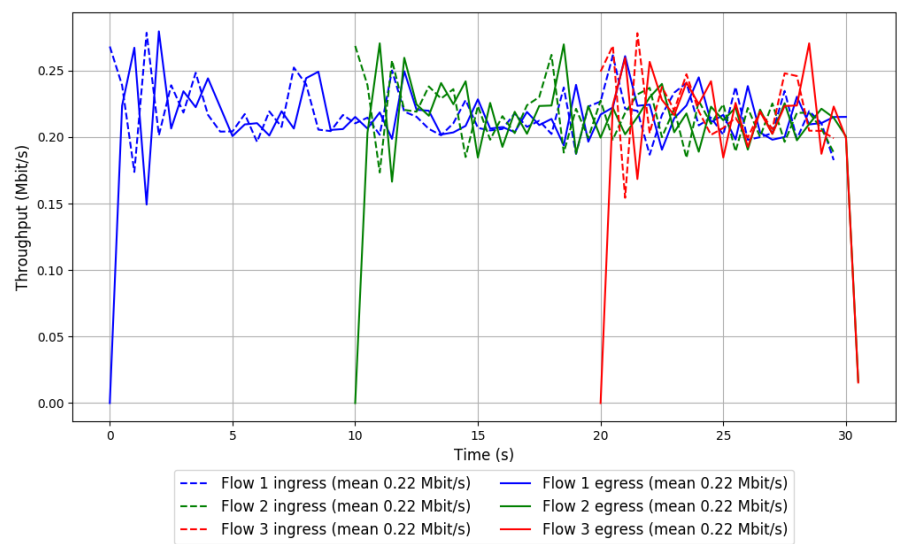
-- Flow 3:

Average throughput: 0.22 Mbit/s

95th percentile per-packet one-way delay: 75.804 ms

Loss rate: 0.00%

Run 8: Report of SReAM — Data Link

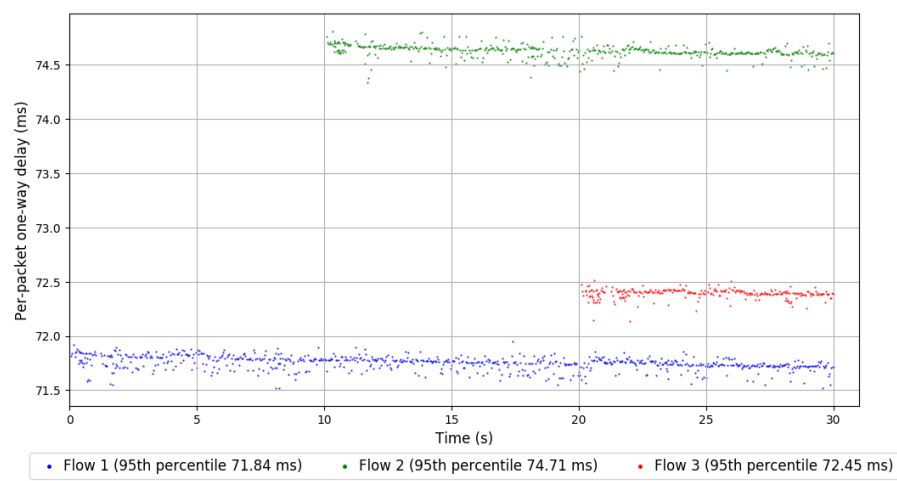
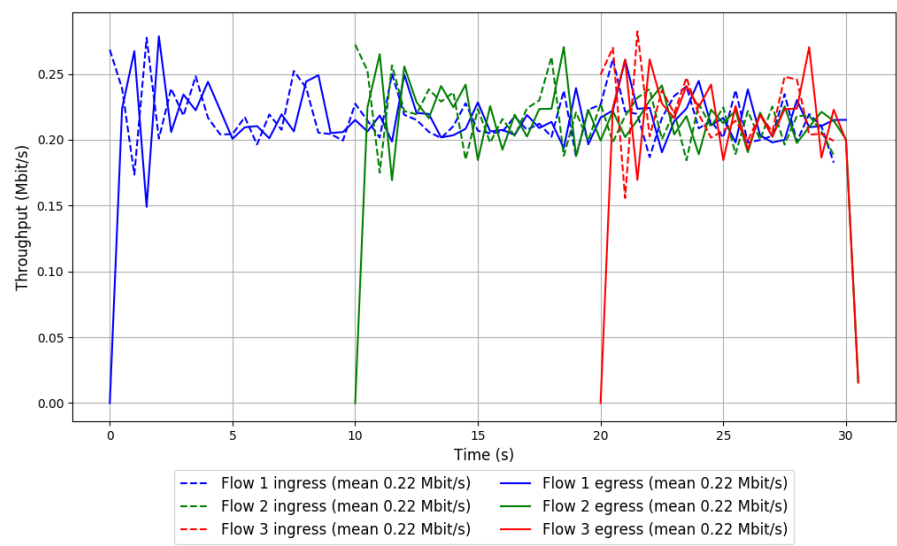


Run 9: Statistics of SReAM

Start at: 2018-08-01 10:46:51
End at: 2018-08-01 10:47:21
Local clock offset: -1.062 ms
Remote clock offset: 42.635 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 74.672 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 71.845 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 74.711 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 72.447 ms
Loss rate: 0.00%

Run 9: Report of SReAM — Data Link

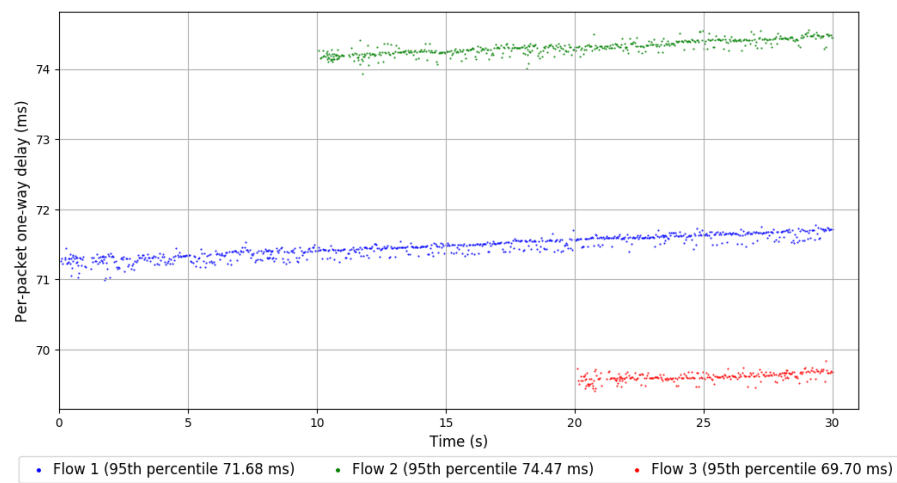
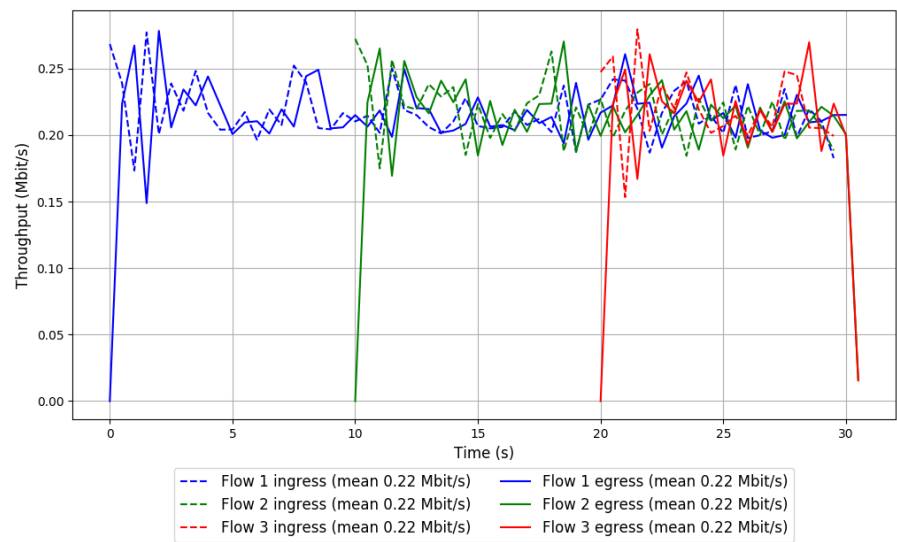


Run 10: Statistics of SCReAM

Start at: 2018-08-01 11:08:00
End at: 2018-08-01 11:08:30
Local clock offset: 0.17 ms
Remote clock offset: -0.337 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 74.423 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 71.682 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 74.475 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.22 Mbit/s
95th percentile per-packet one-way delay: 69.703 ms
Loss rate: 0.00%

Run 10: Report of SCRaM — Data Link

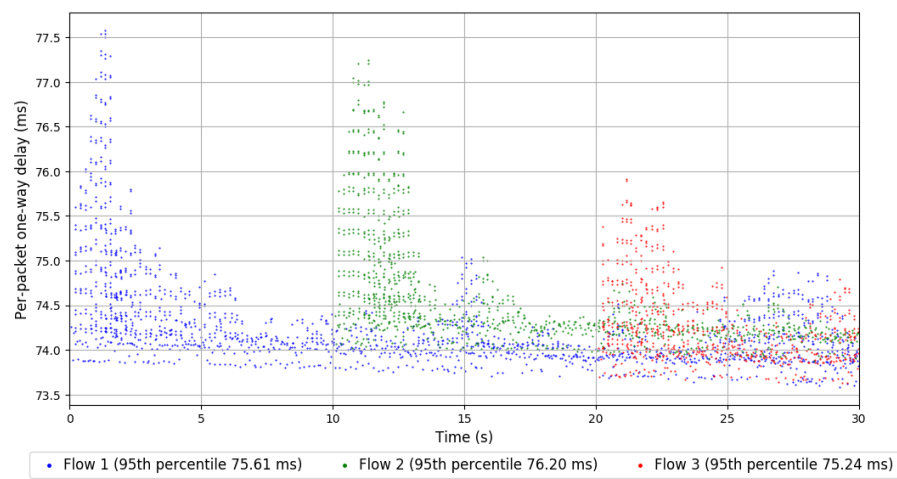
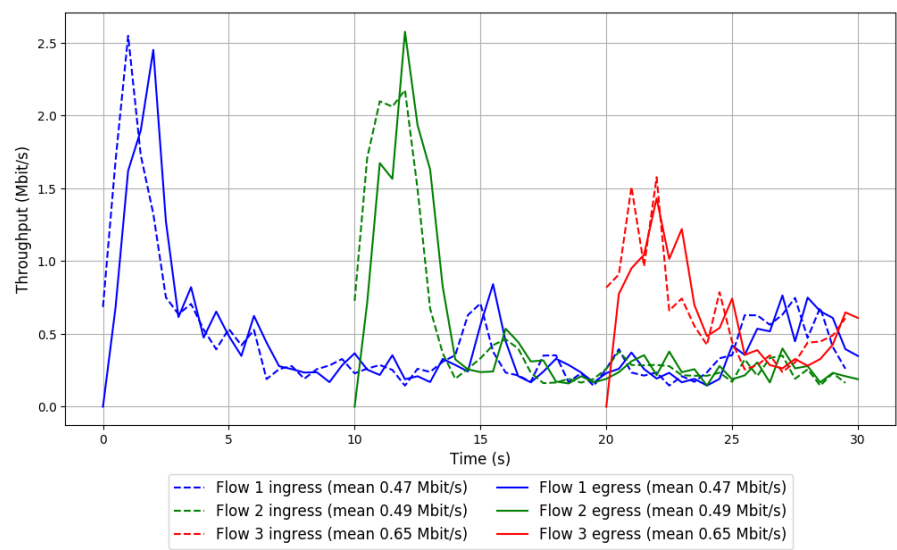


Run 1: Statistics of Sprout

Start at: 2018-08-01 07:52:18
End at: 2018-08-01 07:52:48
Local clock offset: -2.544 ms
Remote clock offset: 17.365 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 1.01 Mbit/s
95th percentile per-packet one-way delay: 75.800 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.47 Mbit/s
95th percentile per-packet one-way delay: 75.607 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.49 Mbit/s
95th percentile per-packet one-way delay: 76.205 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 75.237 ms
Loss rate: 0.00%

Run 1: Report of Sprout — Data Link

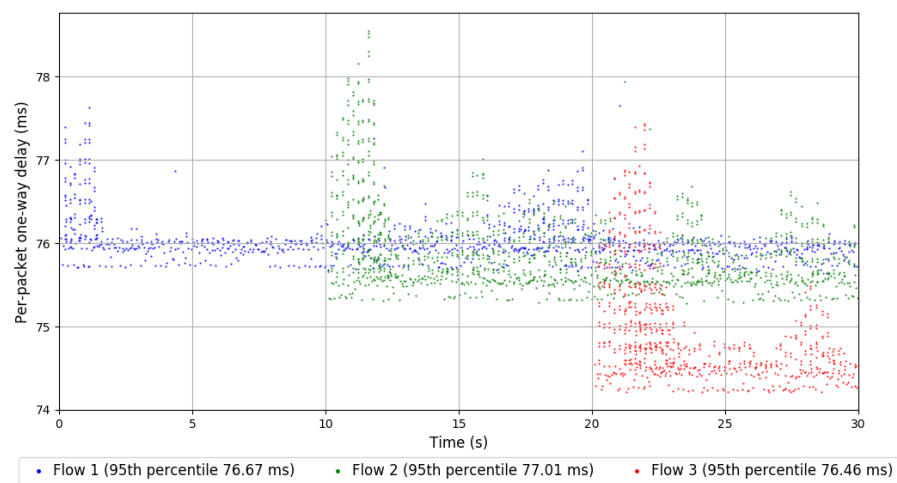
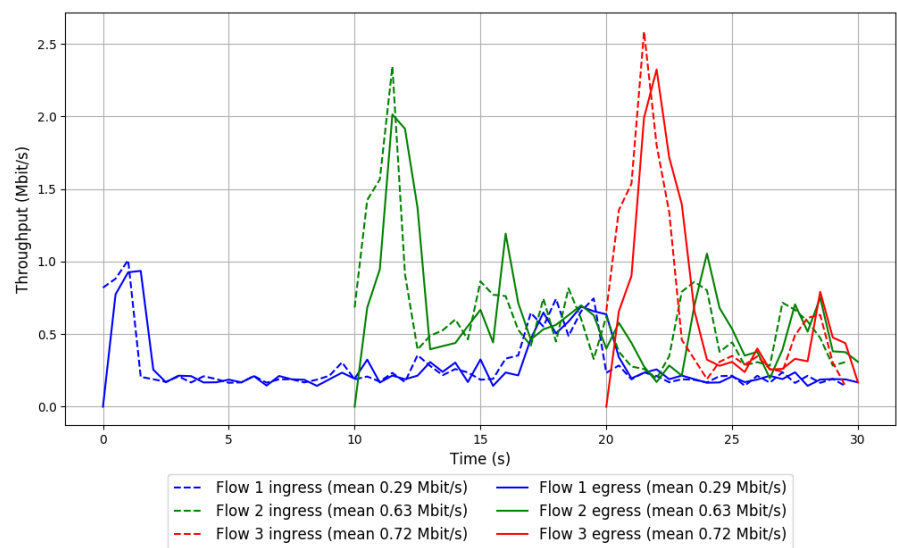


Run 2: Statistics of Sprout

Start at: 2018-08-01 08:13:18
End at: 2018-08-01 08:13:48
Local clock offset: -5.745 ms
Remote clock offset: 16.763 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.94 Mbit/s
95th percentile per-packet one-way delay: 76.728 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 76.674 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.63 Mbit/s
95th percentile per-packet one-way delay: 77.011 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.72 Mbit/s
95th percentile per-packet one-way delay: 76.460 ms
Loss rate: 0.00%

Run 2: Report of Sprout — Data Link

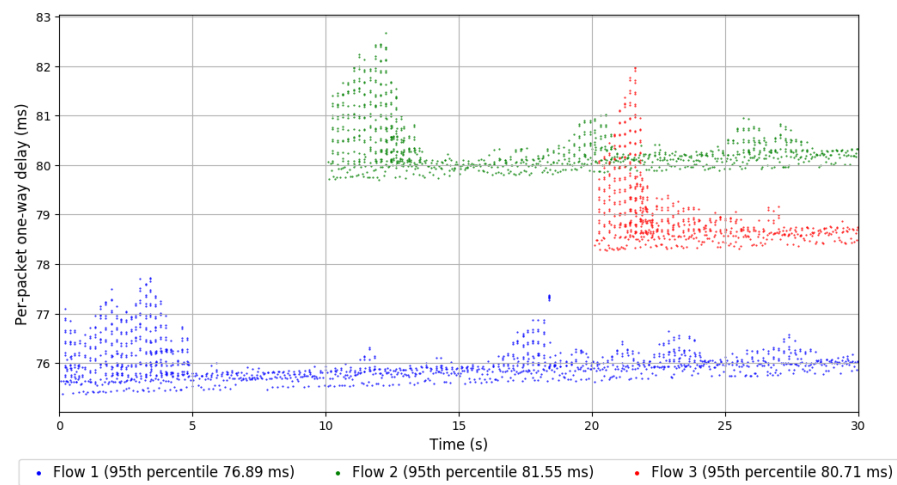
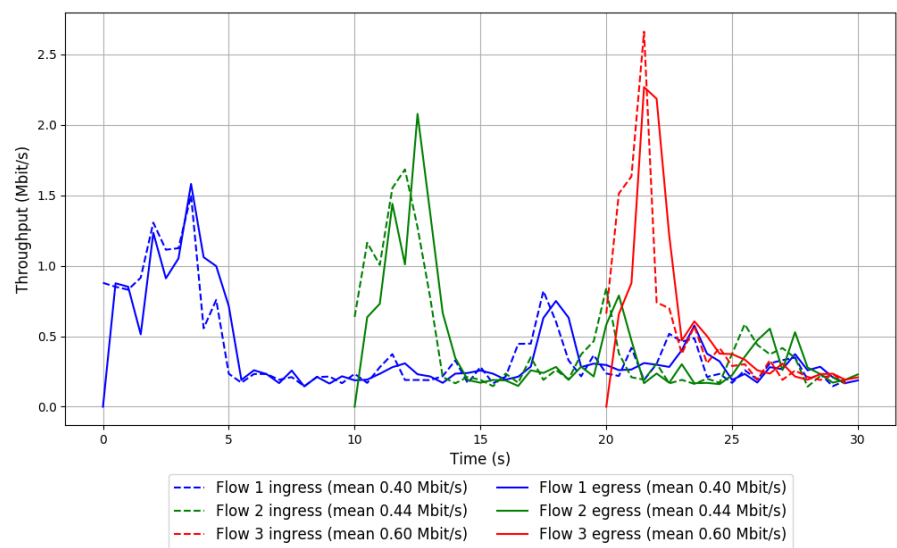


Run 3: Statistics of Sprout

Start at: 2018-08-01 08:34:18
End at: 2018-08-01 08:34:48
Local clock offset: -3.854 ms
Remote clock offset: 15.378 ms

```
# Below is generated by plot.py at 2018-08-01 11:30:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.89 Mbit/s
95th percentile per-packet one-way delay: 80.958 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.40 Mbit/s
95th percentile per-packet one-way delay: 76.895 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 81.549 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.60 Mbit/s
95th percentile per-packet one-way delay: 80.713 ms
Loss rate: 0.00%
```


Run 3: Report of Sprout — Data Link

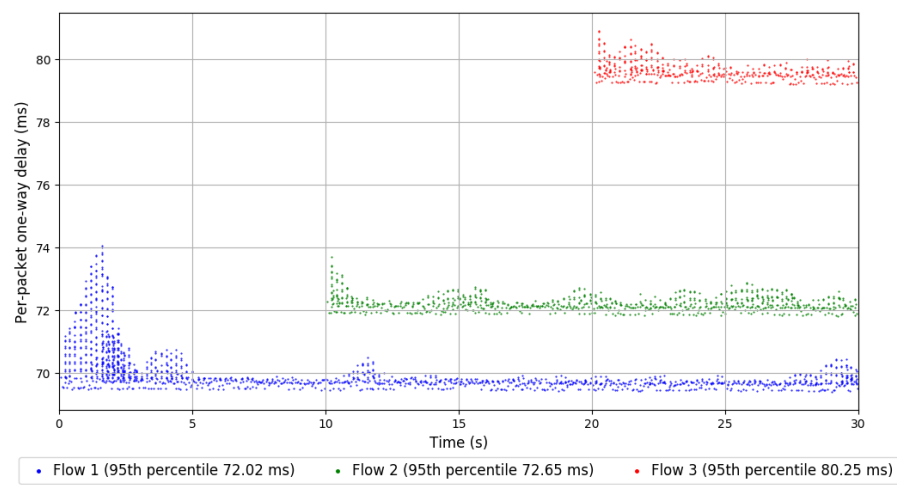
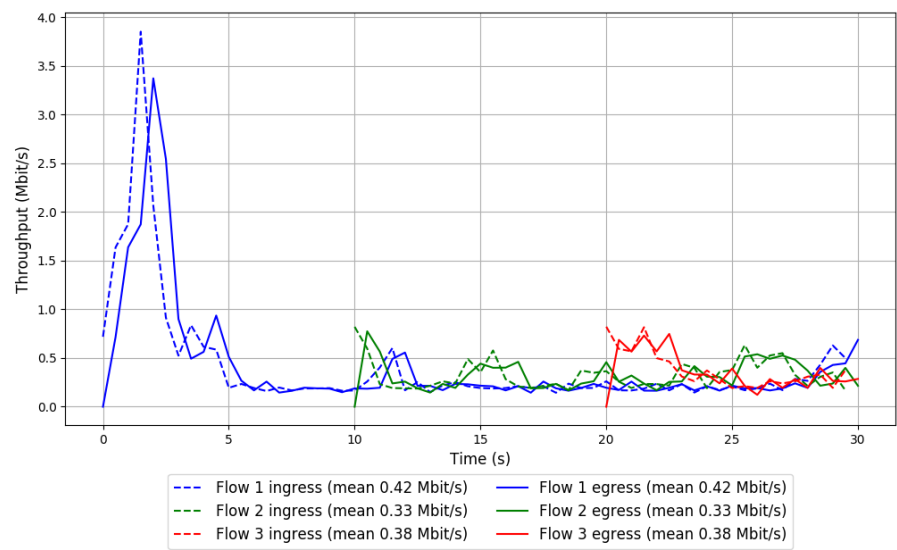


Run 4: Statistics of Sprout

Start at: 2018-08-01 08:55:21
End at: 2018-08-01 08:55:51
Local clock offset: -3.87 ms
Remote clock offset: 5.027 ms

```
# Below is generated by plot.py at 2018-08-01 11:30:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.76 Mbit/s
95th percentile per-packet one-way delay: 79.730 ms
Loss rate: 0.20%
-- Flow 1:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 72.019 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.33 Mbit/s
95th percentile per-packet one-way delay: 72.649 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.38 Mbit/s
95th percentile per-packet one-way delay: 80.245 ms
Loss rate: 1.21%
```

Run 4: Report of Sprout — Data Link

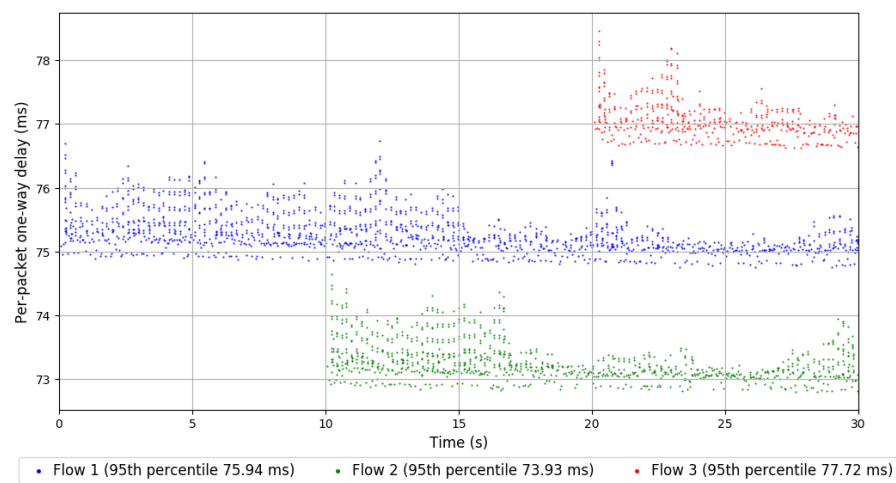
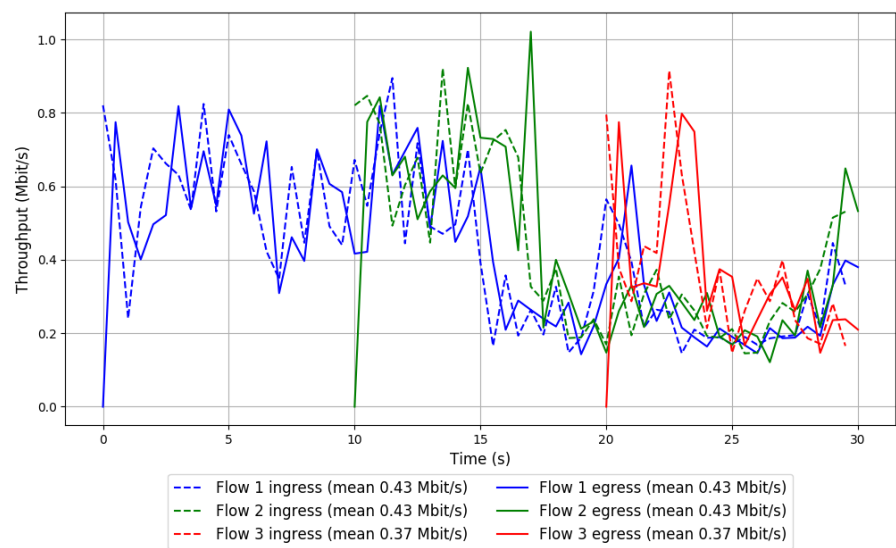


Run 5: Statistics of Sprout

Start at: 2018-08-01 09:16:24
End at: 2018-08-01 09:16:54
Local clock offset: -6.761 ms
Remote clock offset: 11.716 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.84 Mbit/s
95th percentile per-packet one-way delay: 77.141 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 75.945 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 73.928 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 77.719 ms
Loss rate: 0.00%

Run 5: Report of Sprout — Data Link

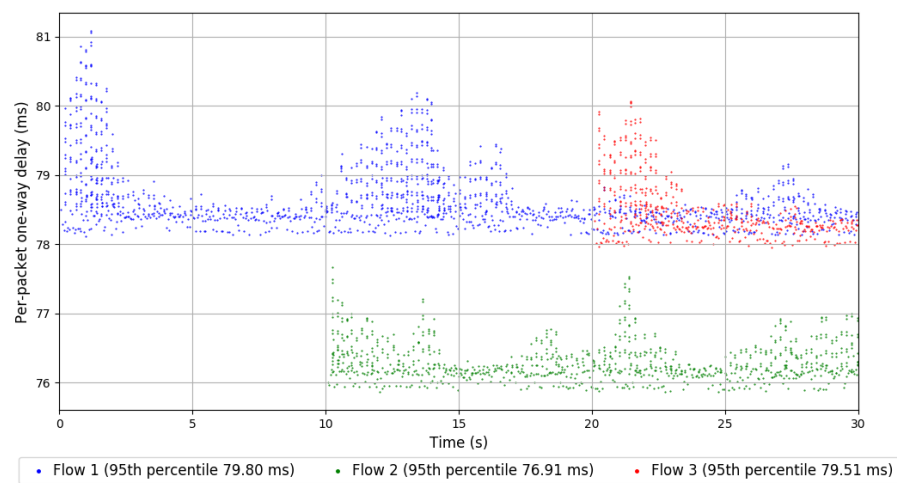
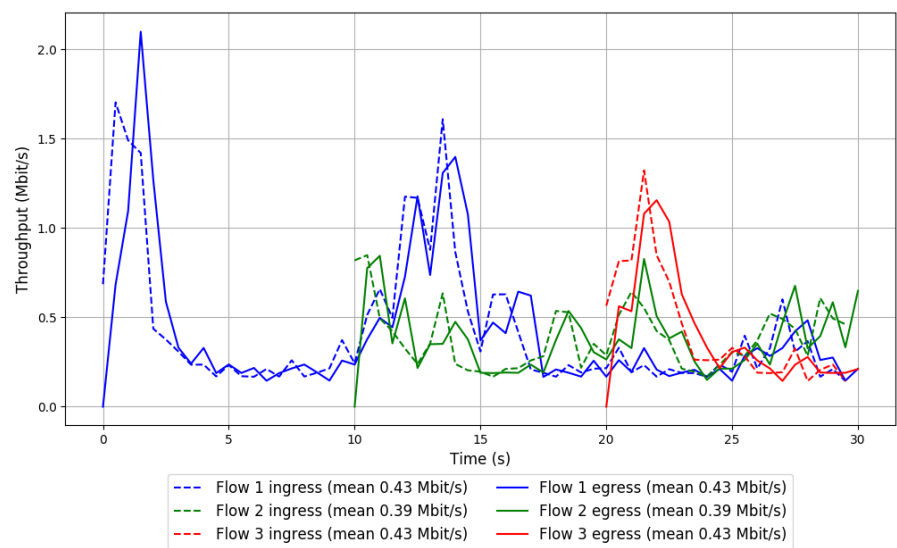


Run 6: Statistics of Sprout

Start at: 2018-08-01 09:37:25
End at: 2018-08-01 09:37:55
Local clock offset: -5.79 ms
Remote clock offset: 16.282 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.83 Mbit/s
95th percentile per-packet one-way delay: 79.516 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 79.797 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.39 Mbit/s
95th percentile per-packet one-way delay: 76.909 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.43 Mbit/s
95th percentile per-packet one-way delay: 79.513 ms
Loss rate: 0.00%

Run 6: Report of Sprout — Data Link

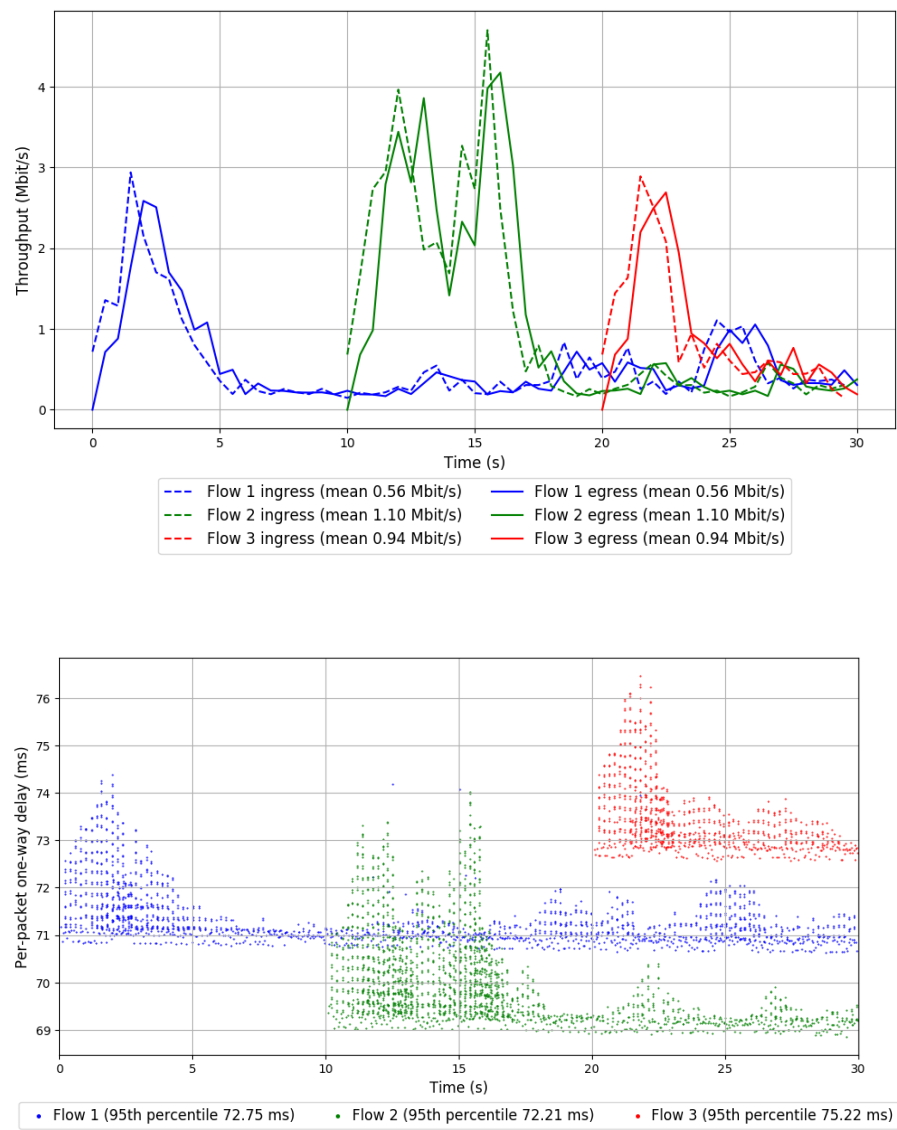


Run 7: Statistics of Sprout

Start at: 2018-08-01 09:58:27
End at: 2018-08-01 09:58:57
Local clock offset: -5.723 ms
Remote clock offset: 27.346 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 1.60 Mbit/s
95th percentile per-packet one-way delay: 73.740 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.56 Mbit/s
95th percentile per-packet one-way delay: 72.752 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.10 Mbit/s
95th percentile per-packet one-way delay: 72.212 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.94 Mbit/s
95th percentile per-packet one-way delay: 75.219 ms
Loss rate: 0.00%

Run 7: Report of Sprout — Data Link

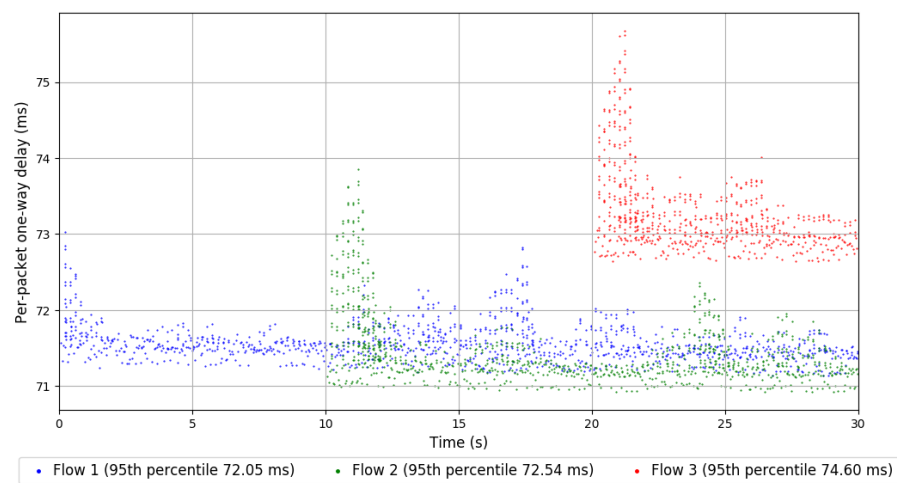
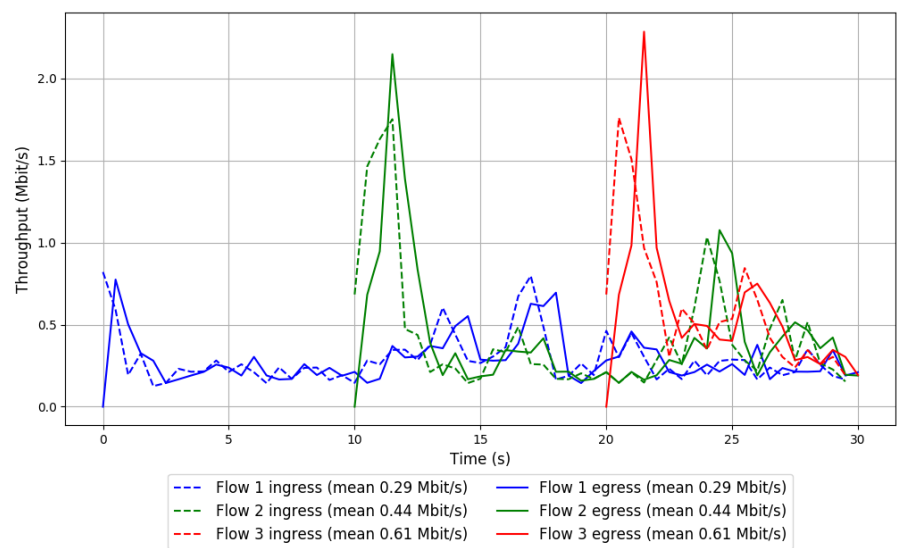


Run 8: Statistics of Sprout

Start at: 2018-08-01 10:19:34
End at: 2018-08-01 10:20:04
Local clock offset: -5.922 ms
Remote clock offset: 34.118 ms

```
# Below is generated by plot.py at 2018-08-01 11:30:49
# Datalink statistics
-- Total of 3 flows:
Average throughput: 0.78 Mbit/s
95th percentile per-packet one-way delay: 73.516 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.29 Mbit/s
95th percentile per-packet one-way delay: 72.049 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 72.538 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.61 Mbit/s
95th percentile per-packet one-way delay: 74.601 ms
Loss rate: 0.00%
```

Run 8: Report of Sprout — Data Link

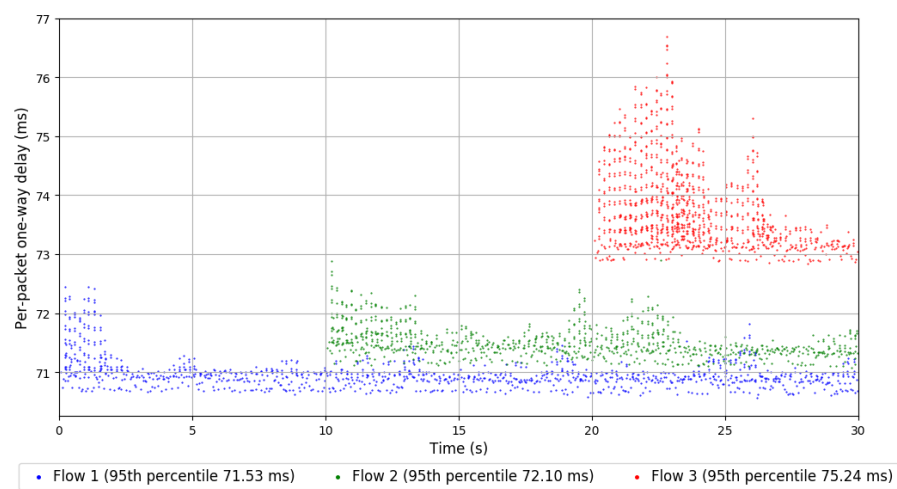
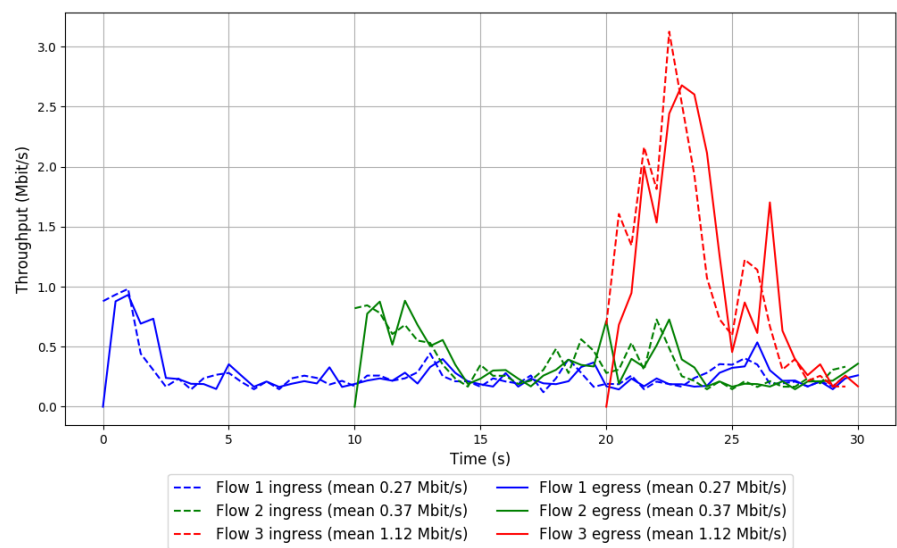


Run 9: Statistics of Sprout

Start at: 2018-08-01 10:40:42
End at: 2018-08-01 10:41:12
Local clock offset: -1.587 ms
Remote clock offset: 39.676 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.89 Mbit/s
95th percentile per-packet one-way delay: 74.606 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 71.528 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.37 Mbit/s
95th percentile per-packet one-way delay: 72.104 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 1.12 Mbit/s
95th percentile per-packet one-way delay: 75.244 ms
Loss rate: 0.00%

Run 9: Report of Sprout — Data Link

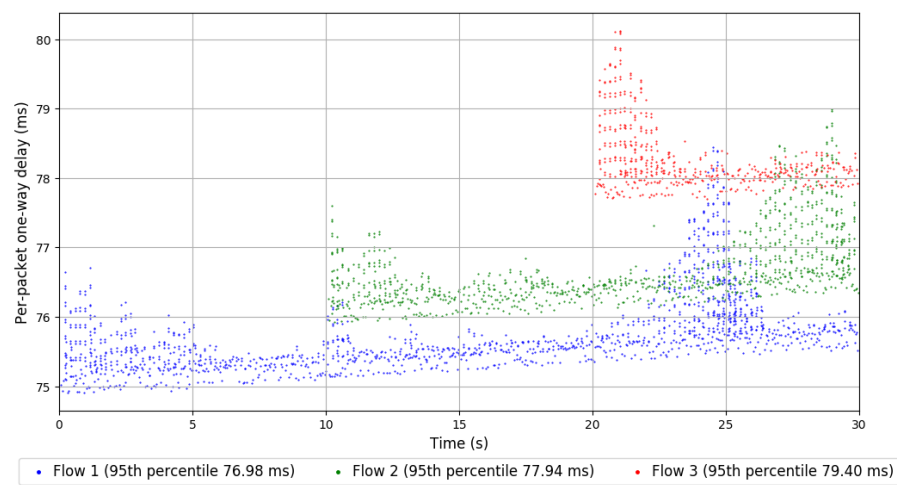
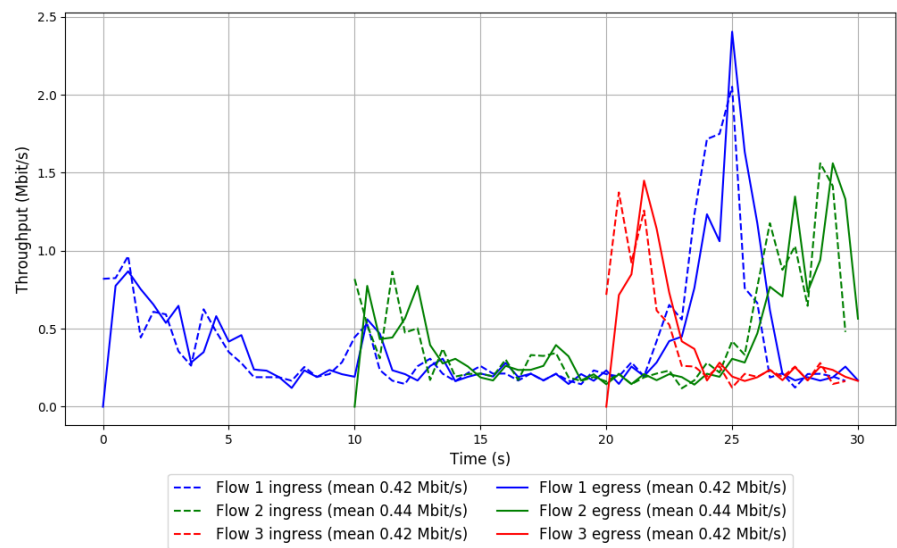


Run 10: Statistics of Sprout

Start at: 2018-08-01 11:01:49
End at: 2018-08-01 11:02:19
Local clock offset: -0.128 ms
Remote clock offset: 10.308 ms

Below is generated by plot.py at 2018-08-01 11:30:49
Datalink statistics
-- Total of 3 flows:
Average throughput: 0.85 Mbit/s
95th percentile per-packet one-way delay: 78.380 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 76.984 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 0.44 Mbit/s
95th percentile per-packet one-way delay: 77.943 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.42 Mbit/s
95th percentile per-packet one-way delay: 79.401 ms
Loss rate: 0.00%

Run 10: Report of Sprout — Data Link

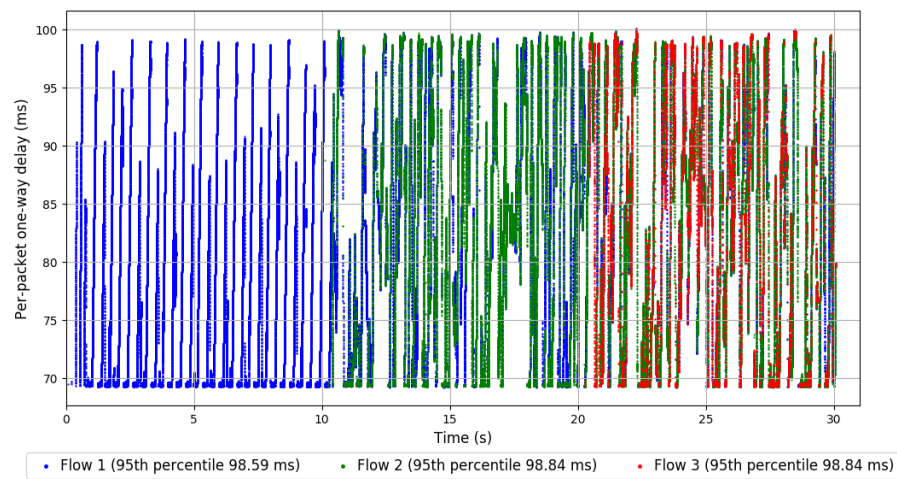
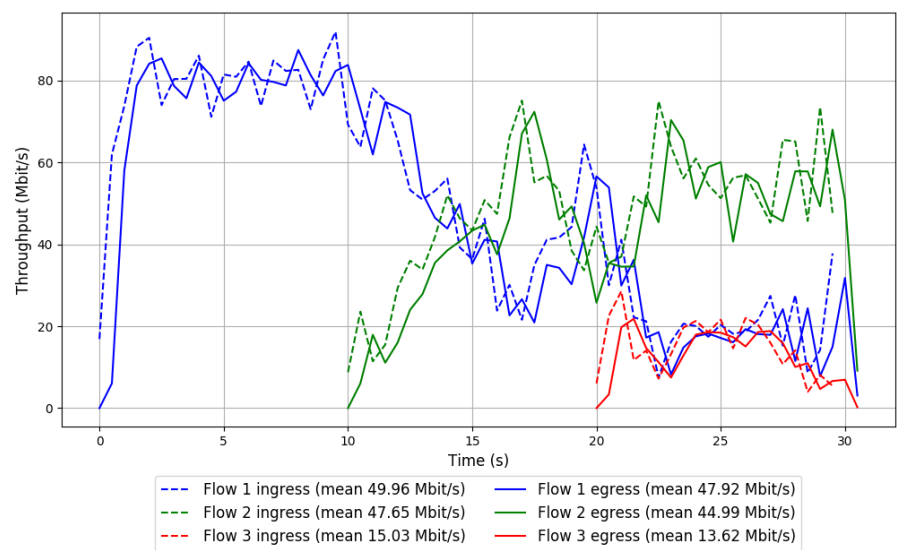


```
Run 1: Statistics of TaoVA-100x

Start at: 2018-08-01 07:42:19
End at: 2018-08-01 07:42:49
Local clock offset: -2.911 ms
Remote clock offset: 11.178 ms

# Below is generated by plot.py at 2018-08-01 11:32:32
# Datalink statistics
-- Total of 3 flows:
Average throughput: 82.31 Mbit/s
95th percentile per-packet one-way delay: 98.714 ms
Loss rate: 4.93%
-- Flow 1:
Average throughput: 47.92 Mbit/s
95th percentile per-packet one-way delay: 98.586 ms
Loss rate: 4.03%
-- Flow 2:
Average throughput: 44.99 Mbit/s
95th percentile per-packet one-way delay: 98.839 ms
Loss rate: 5.64%
-- Flow 3:
Average throughput: 13.62 Mbit/s
95th percentile per-packet one-way delay: 98.842 ms
Loss rate: 9.54%
```


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

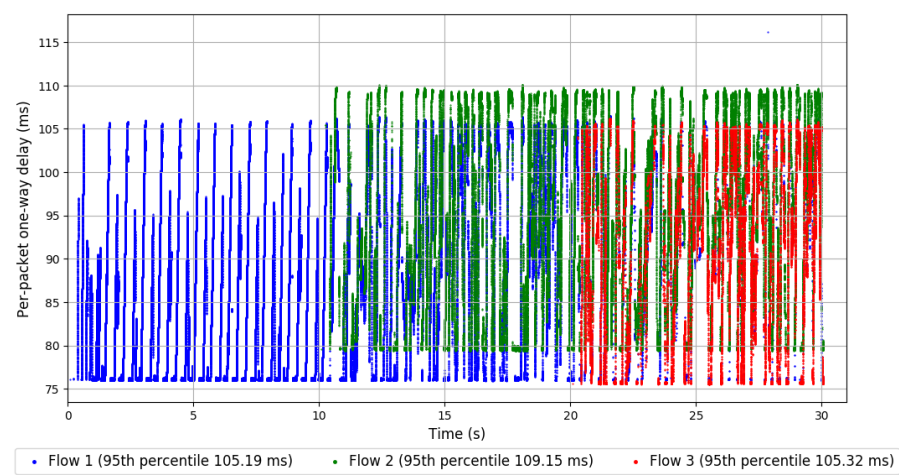
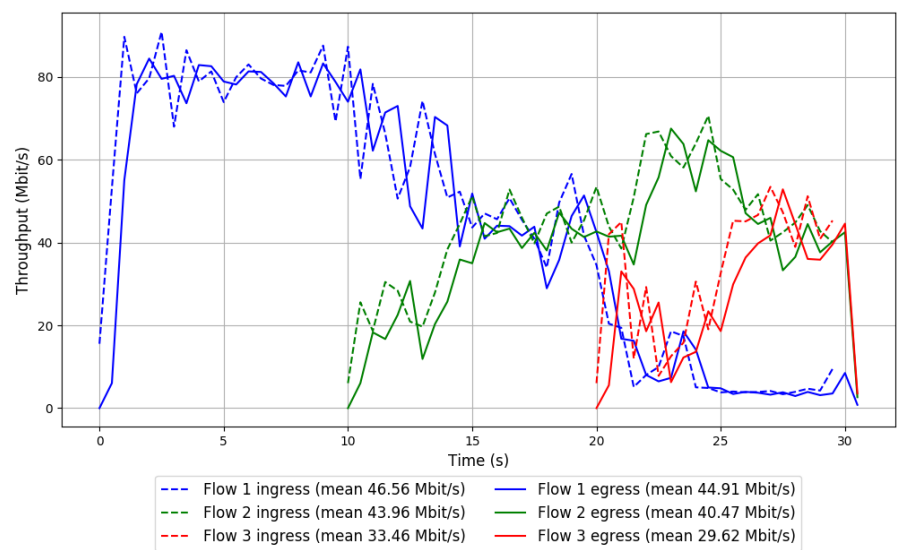


Run 2: Statistics of TaoVA-100x

Start at: 2018-08-01 08:03:21
End at: 2018-08-01 08:03:51
Local clock offset: -4.961 ms
Remote clock offset: 17.064 ms

Below is generated by plot.py at 2018-08-01 11:32:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.70 Mbit/s
95th percentile per-packet one-way delay: 108.546 ms
Loss rate: 6.05%
-- Flow 1:
Average throughput: 44.91 Mbit/s
95th percentile per-packet one-way delay: 105.195 ms
Loss rate: 3.54%
-- Flow 2:
Average throughput: 40.47 Mbit/s
95th percentile per-packet one-way delay: 109.154 ms
Loss rate: 7.97%
-- Flow 3:
Average throughput: 29.62 Mbit/s
95th percentile per-packet one-way delay: 105.321 ms
Loss rate: 11.47%

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

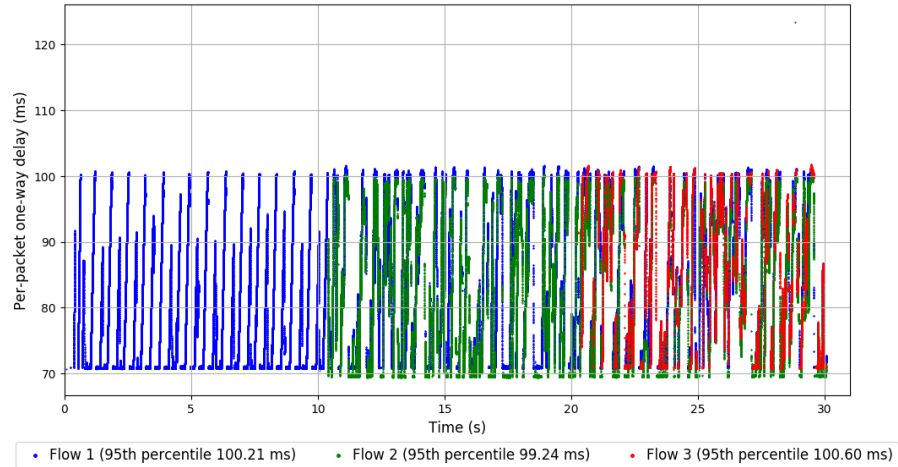
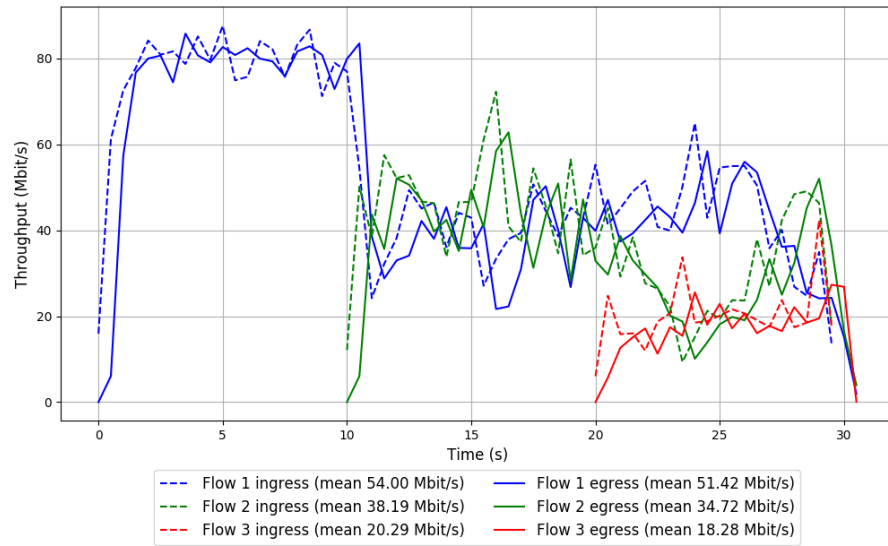


Run 3: Statistics of TaoVA-100x

Start at: 2018-08-01 08:24:21
End at: 2018-08-01 08:24:51
Local clock offset: -5.579 ms
Remote clock offset: 12.023 ms

Below is generated by plot.py at 2018-08-01 11:32:33
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.61 Mbit/s
95th percentile per-packet one-way delay: 100.083 ms
Loss rate: 6.45%
-- Flow 1:
Average throughput: 51.42 Mbit/s
95th percentile per-packet one-way delay: 100.212 ms
Loss rate: 4.78%
-- Flow 2:
Average throughput: 34.72 Mbit/s
95th percentile per-packet one-way delay: 99.237 ms
Loss rate: 9.09%
-- Flow 3:
Average throughput: 18.28 Mbit/s
95th percentile per-packet one-way delay: 100.598 ms
Loss rate: 9.93%

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



Run 4: Statistics of TaoVA-100x

Start at: 2018-08-01 08:45:22

End at: 2018-08-01 08:45:52

Local clock offset: -3.167 ms

Remote clock offset: 5.673 ms

Below is generated by plot.py at 2018-08-01 11:32:33

Datalink statistics

-- Total of 3 flows:

Average throughput: 80.84 Mbit/s

95th percentile per-packet one-way delay: 99.438 ms

Loss rate: 5.42%

-- Flow 1:

Average throughput: 50.71 Mbit/s

95th percentile per-packet one-way delay: 98.544 ms

Loss rate: 3.44%

-- Flow 2:

Average throughput: 26.84 Mbit/s

95th percentile per-packet one-way delay: 99.503 ms

Loss rate: 9.41%

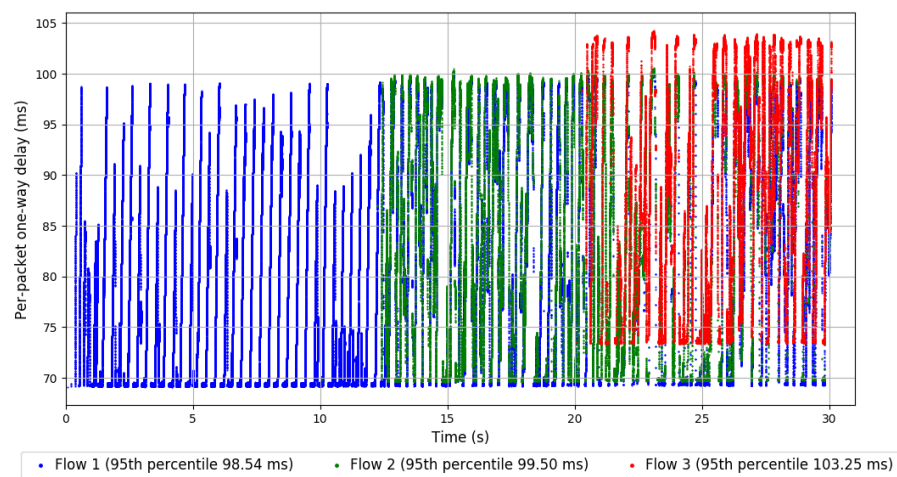
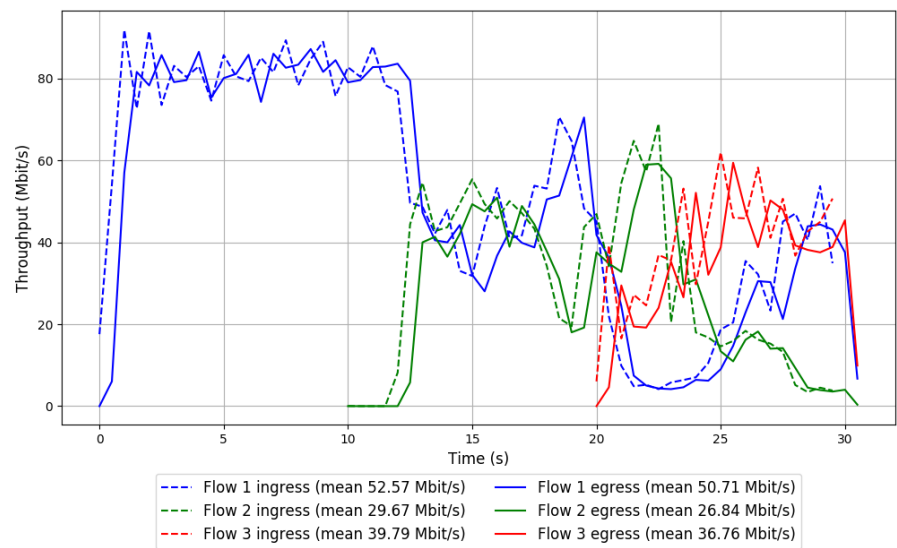
-- Flow 3:

Average throughput: 36.76 Mbit/s

95th percentile per-packet one-way delay: 103.247 ms

Loss rate: 7.35%

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



Run 5: Statistics of TaoVA-100x

Start at: 2018-08-01 09:06:25

End at: 2018-08-01 09:06:55

Local clock offset: -5.963 ms

Remote clock offset: 9.157 ms

Below is generated by plot.py at 2018-08-01 11:32:35

Datalink statistics

-- Total of 3 flows:

Average throughput: 81.72 Mbit/s

95th percentile per-packet one-way delay: 106.134 ms

Loss rate: 5.49%

-- Flow 1:

Average throughput: 47.06 Mbit/s

95th percentile per-packet one-way delay: 105.357 ms

Loss rate: 3.60%

-- Flow 2:

Average throughput: 30.16 Mbit/s

95th percentile per-packet one-way delay: 106.535 ms

Loss rate: 8.85%

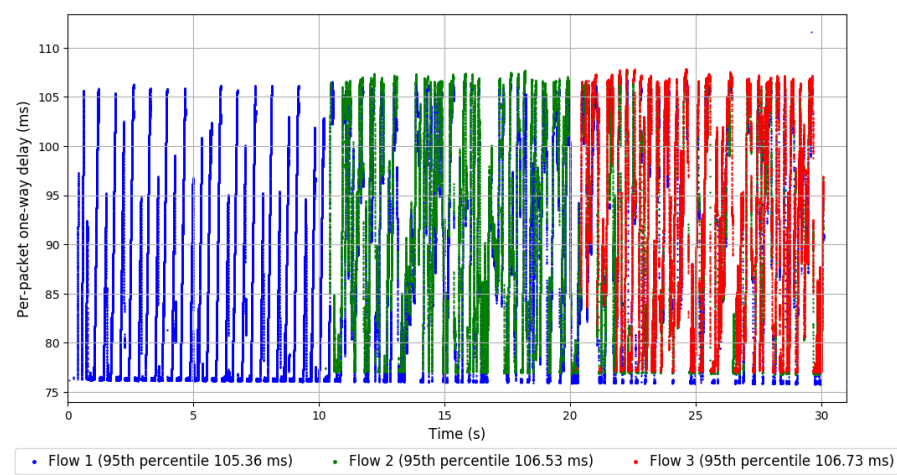
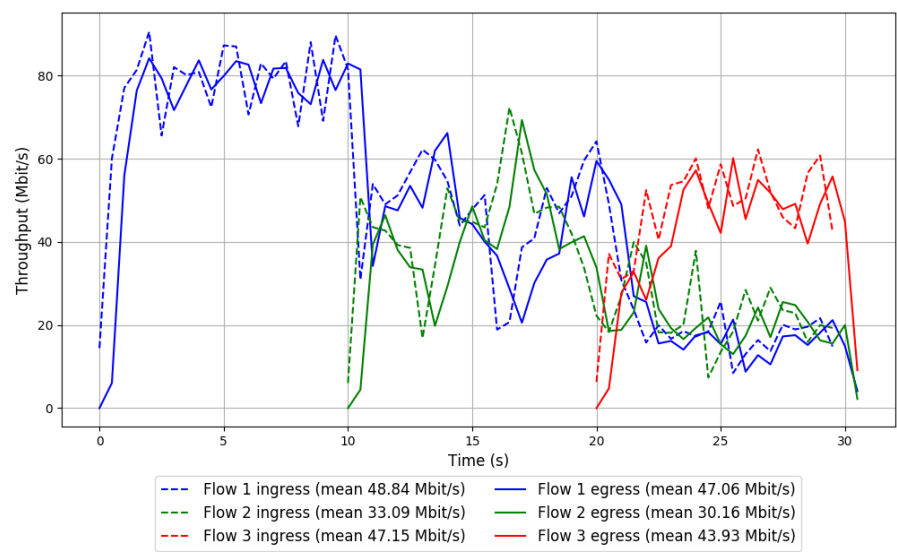
-- Flow 3:

Average throughput: 43.93 Mbit/s

95th percentile per-packet one-way delay: 106.733 ms

Loss rate: 6.67%

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

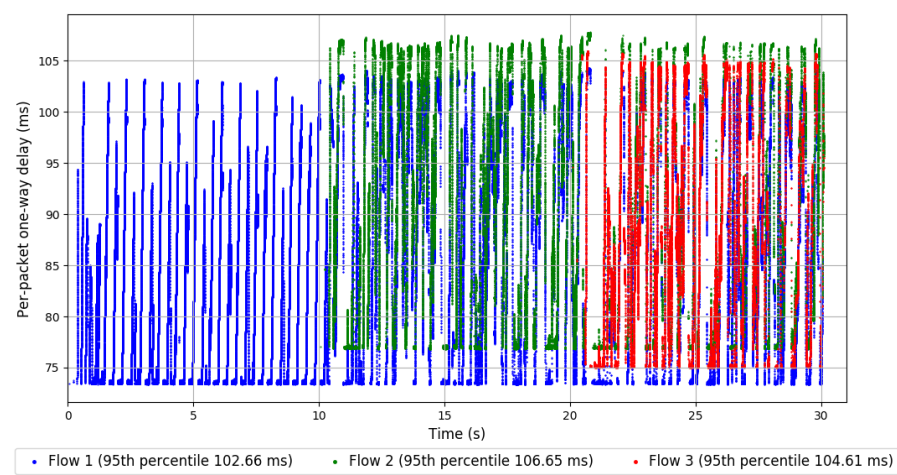
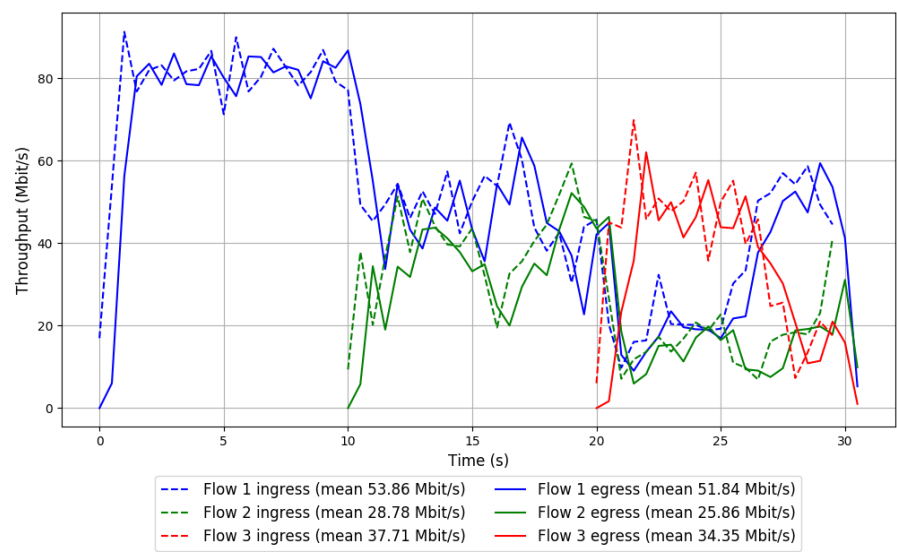


Run 6: Statistics of TaoVA-100x

Start at: 2018-08-01 09:27:28
End at: 2018-08-01 09:27:58
Local clock offset: -6.351 ms
Remote clock offset: 14.022 ms

Below is generated by plot.py at 2018-08-01 11:32:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.49 Mbit/s
95th percentile per-packet one-way delay: 104.777 ms
Loss rate: 5.87%
-- Flow 1:
Average throughput: 51.84 Mbit/s
95th percentile per-packet one-way delay: 102.661 ms
Loss rate: 3.67%
-- Flow 2:
Average throughput: 25.86 Mbit/s
95th percentile per-packet one-way delay: 106.653 ms
Loss rate: 10.05%
-- Flow 3:
Average throughput: 34.35 Mbit/s
95th percentile per-packet one-way delay: 104.609 ms
Loss rate: 8.91%

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

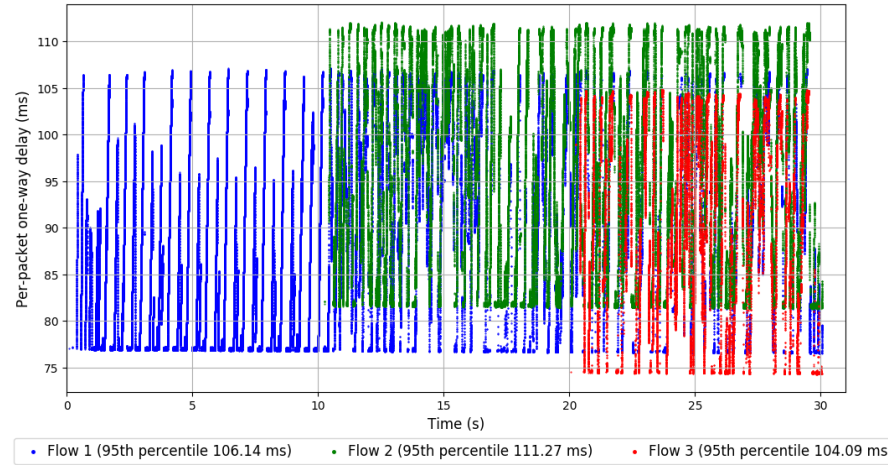
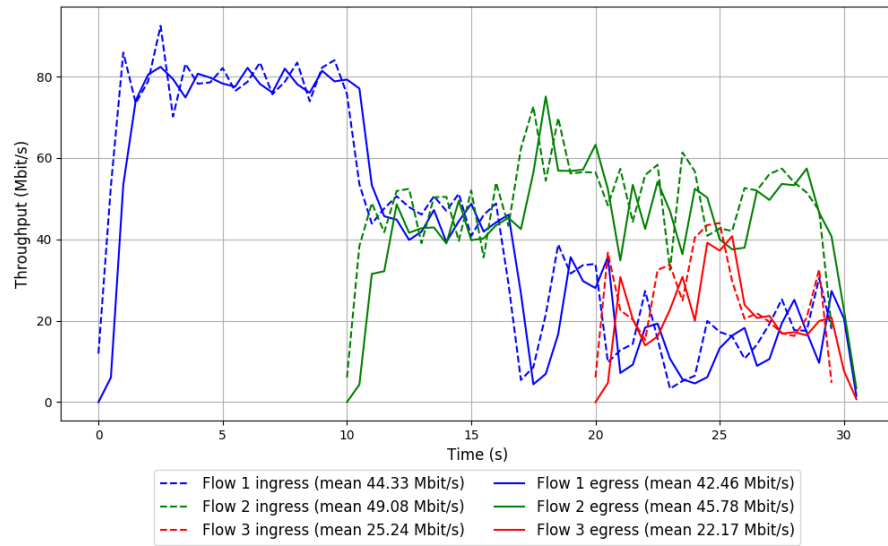


Run 7: Statistics of TaoVA-100x

Start at: 2018-08-01 09:48:29
End at: 2018-08-01 09:48:59
Local clock offset: -5.729 ms
Remote clock offset: 25.173 ms

Below is generated by plot.py at 2018-08-01 11:32:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 80.31 Mbit/s
95th percentile per-packet one-way delay: 110.747 ms
Loss rate: 5.99%
-- Flow 1:
Average throughput: 42.46 Mbit/s
95th percentile per-packet one-way delay: 106.137 ms
Loss rate: 4.20%
-- Flow 2:
Average throughput: 45.78 Mbit/s
95th percentile per-packet one-way delay: 111.269 ms
Loss rate: 6.84%
-- Flow 3:
Average throughput: 22.17 Mbit/s
95th percentile per-packet one-way delay: 104.088 ms
Loss rate: 12.14%

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

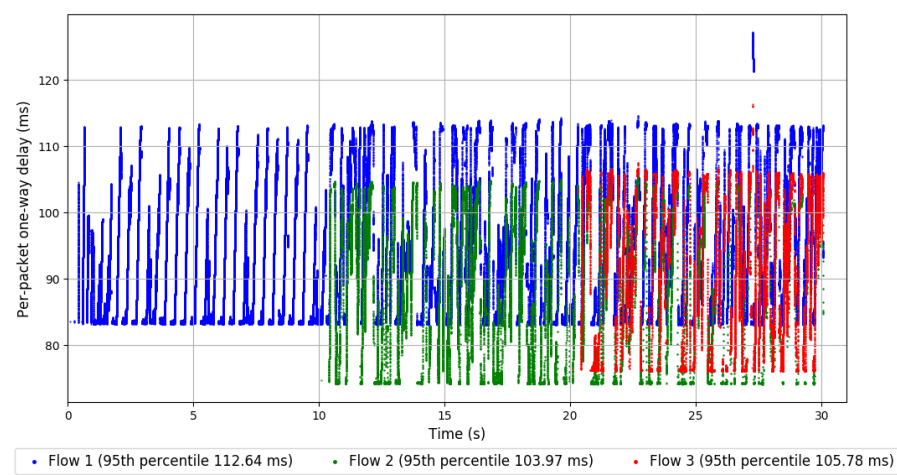
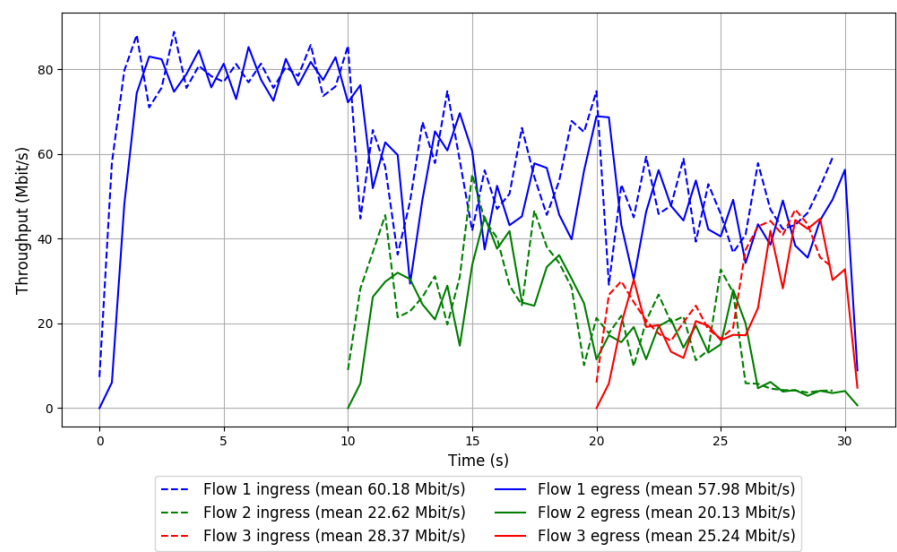


Run 8: Statistics of TaoVA-100x

Start at: 2018-08-01 10:09:34
End at: 2018-08-01 10:10:04
Local clock offset: -5.776 ms
Remote clock offset: 36.071 ms

Below is generated by plot.py at 2018-08-01 11:32:35
Datalink statistics
-- Total of 3 flows:
Average throughput: 79.78 Mbit/s
95th percentile per-packet one-way delay: 112.432 ms
Loss rate: 5.76%
-- Flow 1:
Average throughput: 57.98 Mbit/s
95th percentile per-packet one-way delay: 112.644 ms
Loss rate: 3.66%
-- Flow 2:
Average throughput: 20.13 Mbit/s
95th percentile per-packet one-way delay: 103.968 ms
Loss rate: 10.97%
-- Flow 3:
Average throughput: 25.24 Mbit/s
95th percentile per-packet one-way delay: 105.778 ms
Loss rate: 10.83%

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

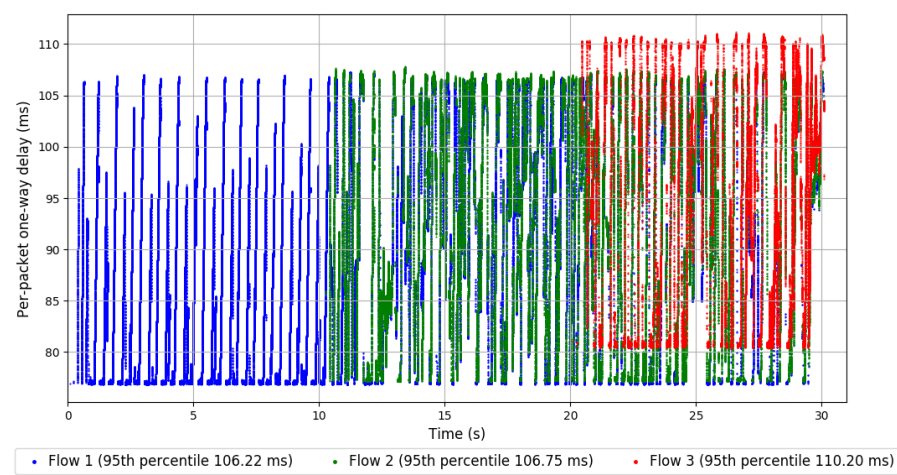
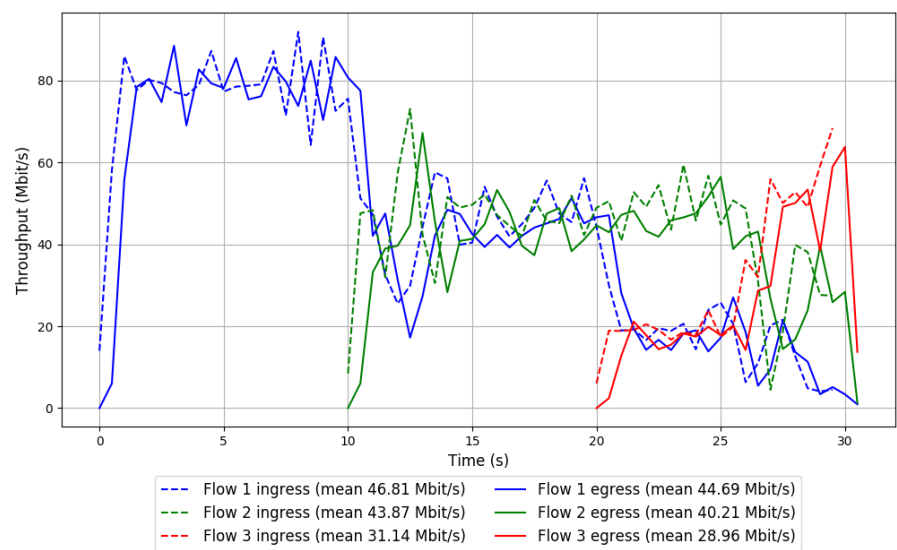


Run 9: Statistics of TaoVA-100x

Start at: 2018-08-01 10:30:40
End at: 2018-08-01 10:31:10
Local clock offset: -3.133 ms
Remote clock offset: 43.166 ms

Below is generated by plot.py at 2018-08-01 11:34:19
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.00 Mbit/s
95th percentile per-packet one-way delay: 106.732 ms
Loss rate: 6.01%
-- Flow 1:
Average throughput: 44.69 Mbit/s
95th percentile per-packet one-way delay: 106.222 ms
Loss rate: 4.44%
-- Flow 2:
Average throughput: 40.21 Mbit/s
95th percentile per-packet one-way delay: 106.753 ms
Loss rate: 8.22%
-- Flow 3:
Average throughput: 28.96 Mbit/s
95th percentile per-packet one-way delay: 110.198 ms
Loss rate: 6.88%

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

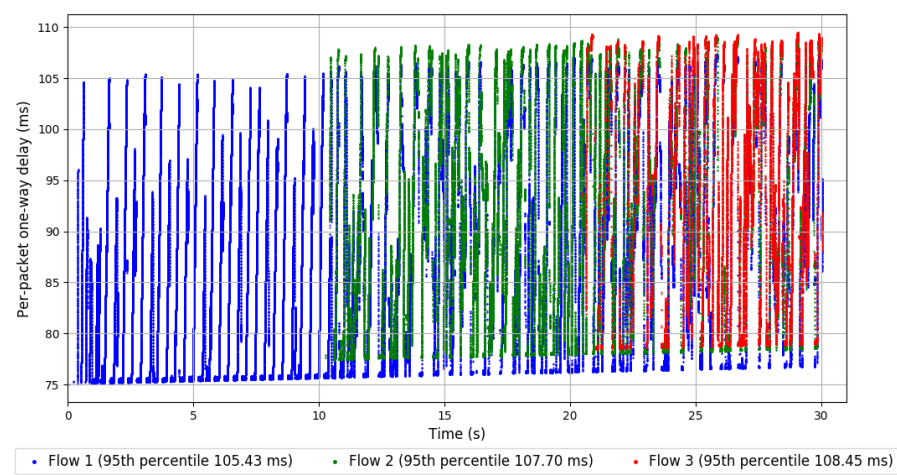
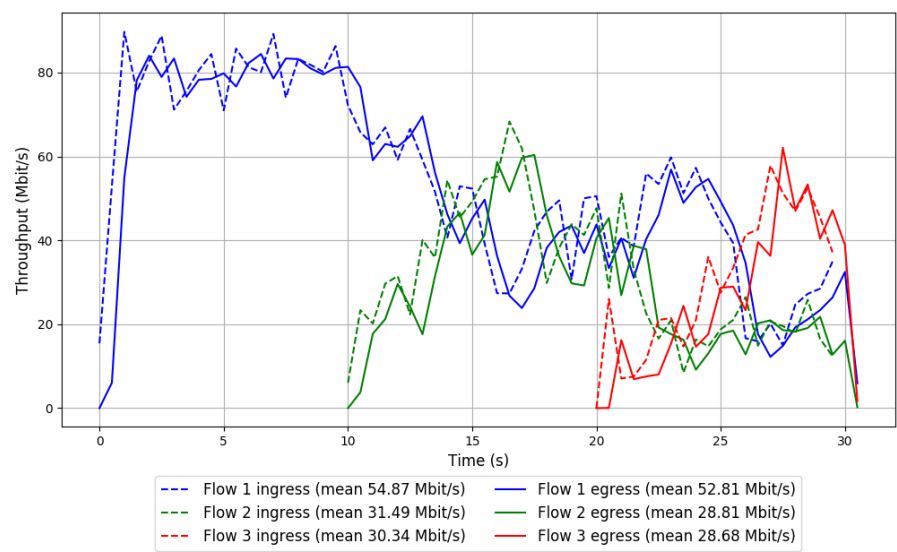


Run 10: Statistics of TaoVA-100x

Start at: 2018-08-01 10:51:46
End at: 2018-08-01 10:52:16
Local clock offset: -0.72 ms
Remote clock offset: 34.081 ms

Below is generated by plot.py at 2018-08-01 11:34:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 81.26 Mbit/s
95th percentile per-packet one-way delay: 106.978 ms
Loss rate: 5.28%
-- Flow 1:
Average throughput: 52.81 Mbit/s
95th percentile per-packet one-way delay: 105.433 ms
Loss rate: 3.71%
-- Flow 2:
Average throughput: 28.81 Mbit/s
95th percentile per-packet one-way delay: 107.700 ms
Loss rate: 8.46%
-- Flow 3:
Average throughput: 28.68 Mbit/s
95th percentile per-packet one-way delay: 108.450 ms
Loss rate: 7.31%

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

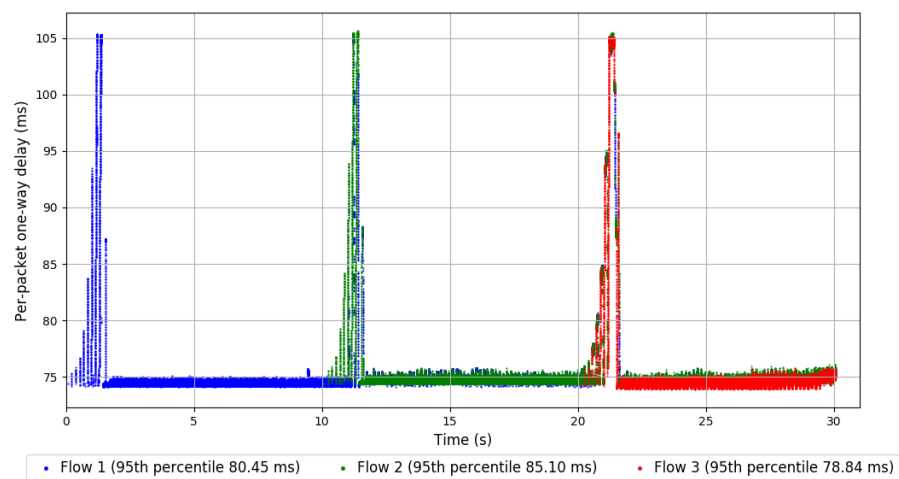
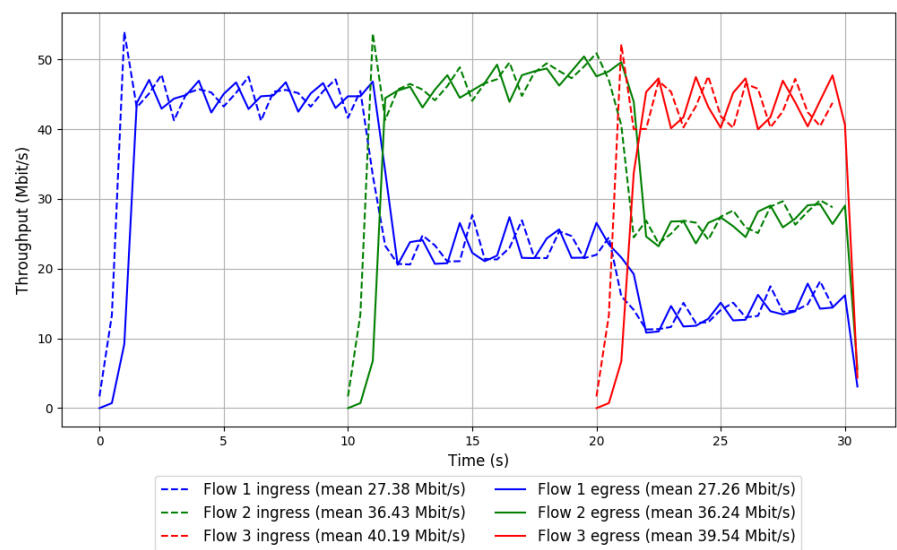


Run 1: Statistics of TCP Vegas

Start at: 2018-08-01 07:43:36
End at: 2018-08-01 07:44:06
Local clock offset: -2.77 ms
Remote clock offset: 16.287 ms

Below is generated by plot.py at 2018-08-01 11:34:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 64.51 Mbit/s
95th percentile per-packet one-way delay: 82.958 ms
Loss rate: 0.72%
-- Flow 1:
Average throughput: 27.26 Mbit/s
95th percentile per-packet one-way delay: 80.447 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 36.24 Mbit/s
95th percentile per-packet one-way delay: 85.097 ms
Loss rate: 0.53%
-- Flow 3:
Average throughput: 39.54 Mbit/s
95th percentile per-packet one-way delay: 78.837 ms
Loss rate: 1.61%

Run 1: Report of TCP Vegas — Data Link

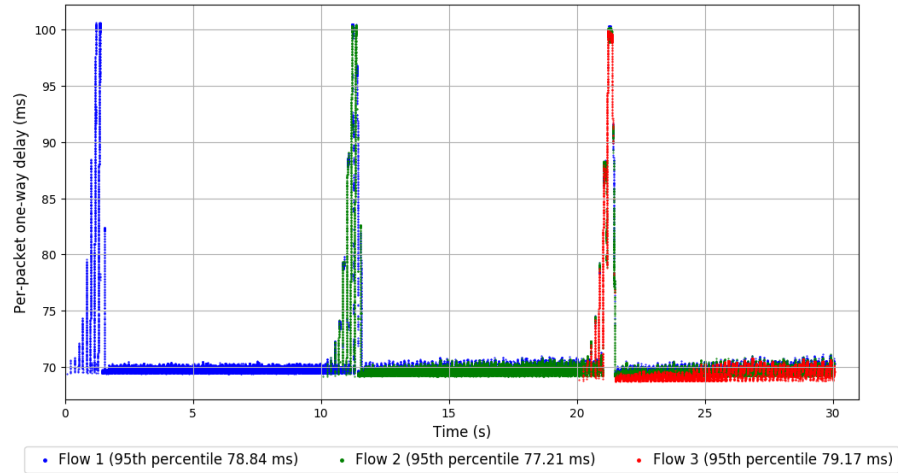
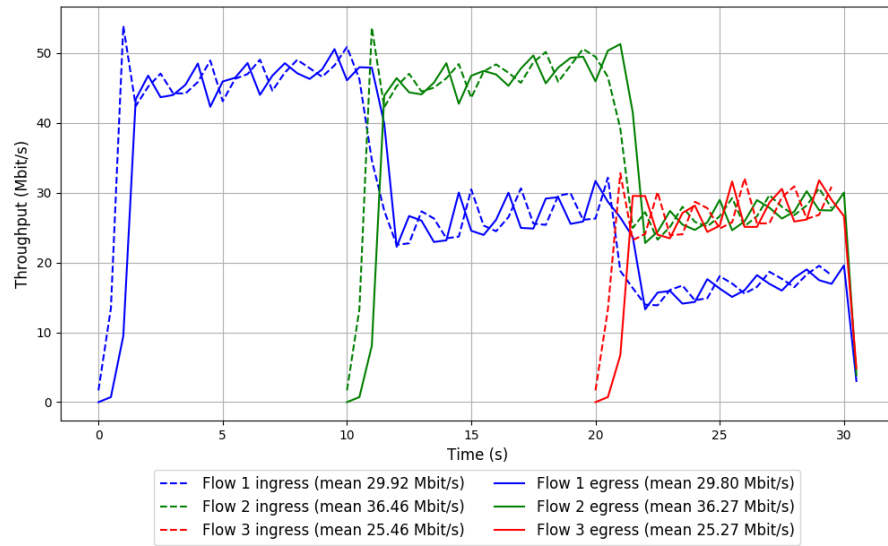


Run 2: Statistics of TCP Vegas

Start at: 2018-08-01 08:04:38
End at: 2018-08-01 08:05:08
Local clock offset: -5.05 ms
Remote clock offset: 12.101 ms

Below is generated by plot.py at 2018-08-01 11:34:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 62.37 Mbit/s
95th percentile per-packet one-way delay: 78.299 ms
Loss rate: 0.49%
-- Flow 1:
Average throughput: 29.80 Mbit/s
95th percentile per-packet one-way delay: 78.837 ms
Loss rate: 0.41%
-- Flow 2:
Average throughput: 36.27 Mbit/s
95th percentile per-packet one-way delay: 77.211 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 25.27 Mbit/s
95th percentile per-packet one-way delay: 79.171 ms
Loss rate: 0.71%

Run 2: Report of TCP Vegas — Data Link



Run 3: Statistics of TCP Vegas

Start at: 2018-08-01 08:25:38

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

Local clock offset: -5.296 ms

Remote clock offset: 12.25 ms

Below is generated by plot.py at 2018-08-01 11:34:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 60.30 Mbit/s

95th percentile per-packet one-way delay: 78.917 ms

Loss rate: 0.50%

-- Flow 1:

Average throughput: 30.24 Mbit/s

95th percentile per-packet one-way delay: 75.717 ms

Loss rate: 0.49%

-- Flow 2:

Average throughput: 32.61 Mbit/s

95th percentile per-packet one-way delay: 82.022 ms

Loss rate: 0.56%

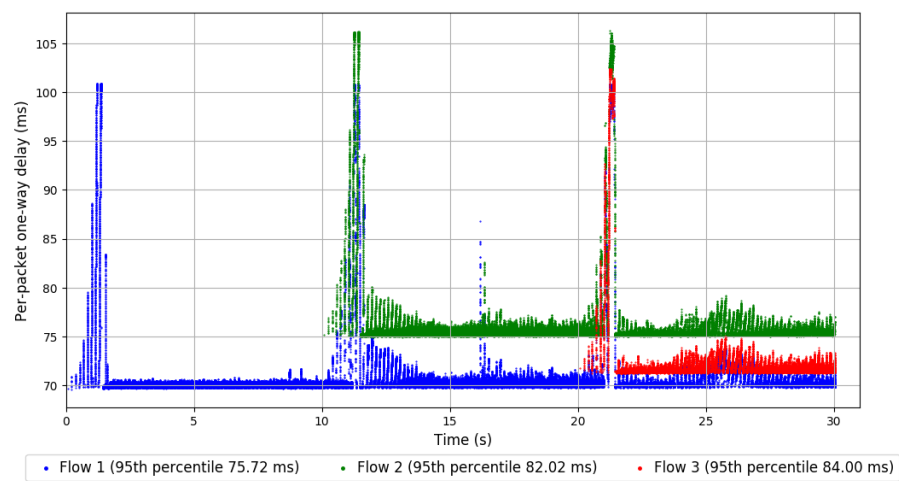
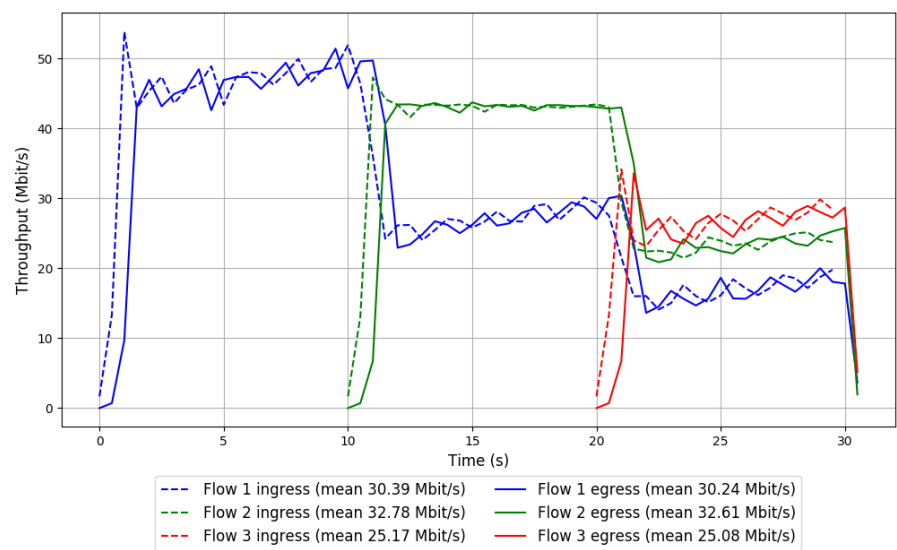
-- Flow 3:

Average throughput: 25.08 Mbit/s

95th percentile per-packet one-way delay: 84.003 ms

Loss rate: 0.36%

Run 3: Report of TCP Vegas — Data Link



Run 4: Statistics of TCP Vegas

Start at: 2018-08-01 08:46:40

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

Local clock offset: -3.199 ms

Remote clock offset: 9.122 ms

Below is generated by plot.py at 2018-08-01 11:34:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 59.61 Mbit/s

95th percentile per-packet one-way delay: 83.484 ms

Loss rate: 0.51%

-- Flow 1:

Average throughput: 28.49 Mbit/s

95th percentile per-packet one-way delay: 80.973 ms

Loss rate: 0.51%

-- Flow 2:

Average throughput: 34.38 Mbit/s

95th percentile per-packet one-way delay: 84.398 ms

Loss rate: 0.53%

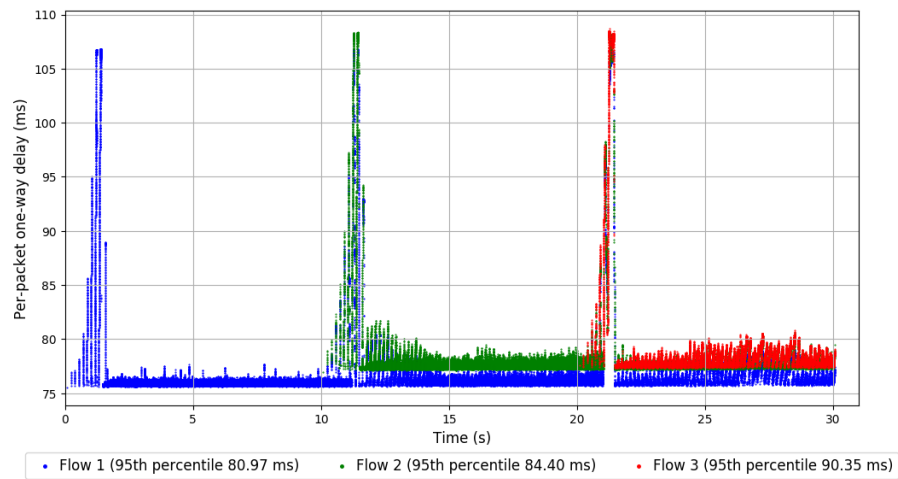
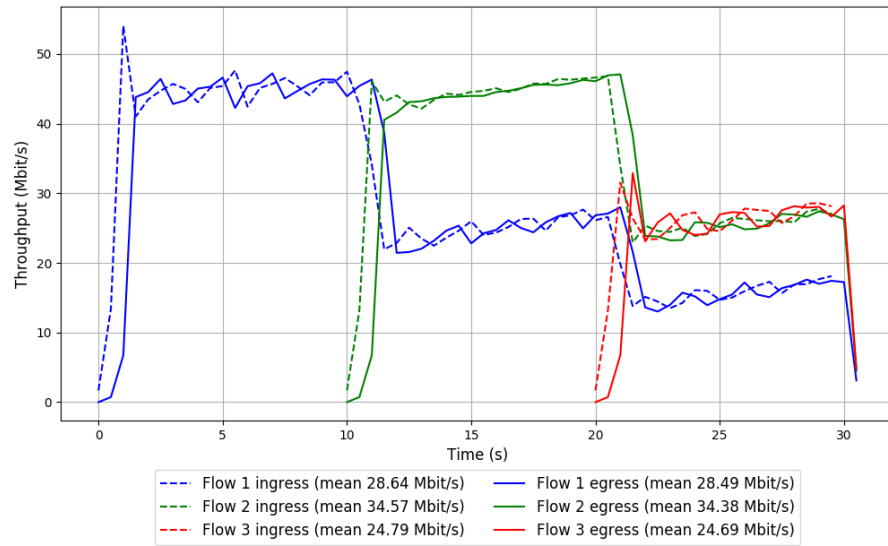
-- Flow 3:

Average throughput: 24.69 Mbit/s

95th percentile per-packet one-way delay: 90.348 ms

Loss rate: 0.42%

Run 4: Report of TCP Vegas — Data Link



Run 5: Statistics of TCP Vegas

Start at: 2018-08-01 09:07:43

End at: 2018-08-01 09:08:13

Local clock offset: -6.106 ms

Remote clock offset: 4.083 ms

Below is generated by plot.py at 2018-08-01 11:34:20

Datalink statistics

-- Total of 3 flows:

Average throughput: 59.38 Mbit/s

95th percentile per-packet one-way delay: 79.672 ms

Loss rate: 0.71%

-- Flow 1:

Average throughput: 25.00 Mbit/s

95th percentile per-packet one-way delay: 78.833 ms

Loss rate: 0.60%

-- Flow 2:

Average throughput: 31.81 Mbit/s

95th percentile per-packet one-way delay: 81.862 ms

Loss rate: 0.60%

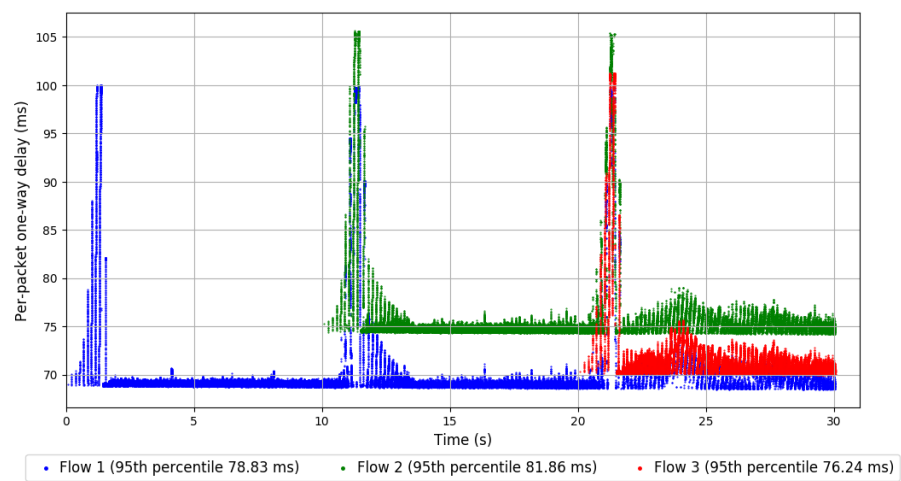
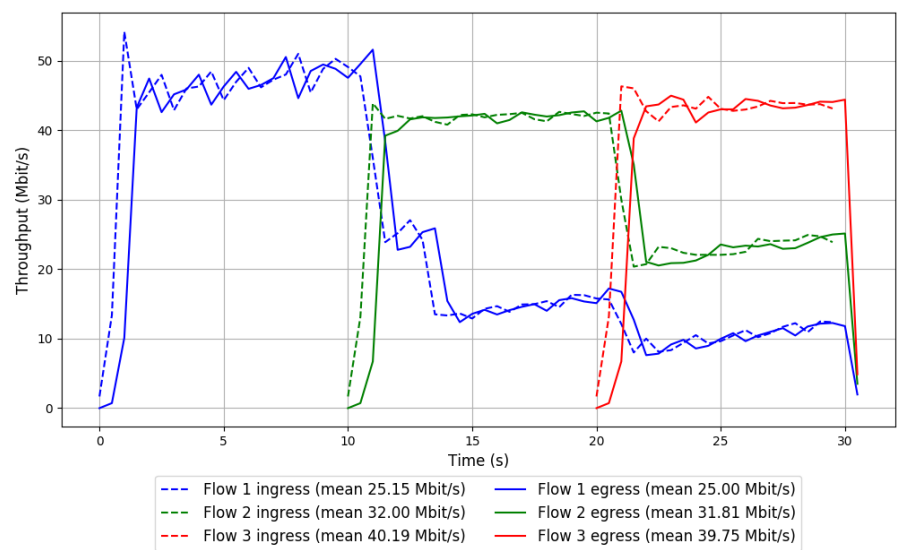
-- Flow 3:

Average throughput: 39.75 Mbit/s

95th percentile per-packet one-way delay: 76.237 ms

Loss rate: 1.09%

Run 5: Report of TCP Vegas — Data Link

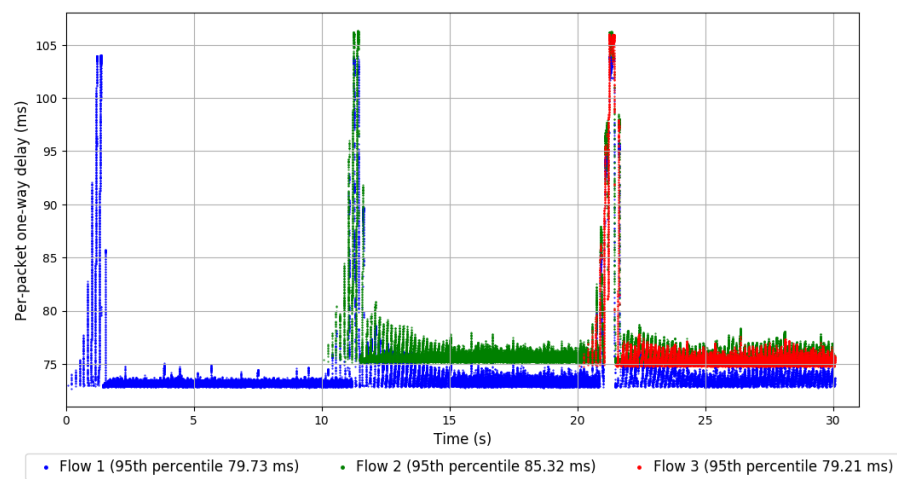
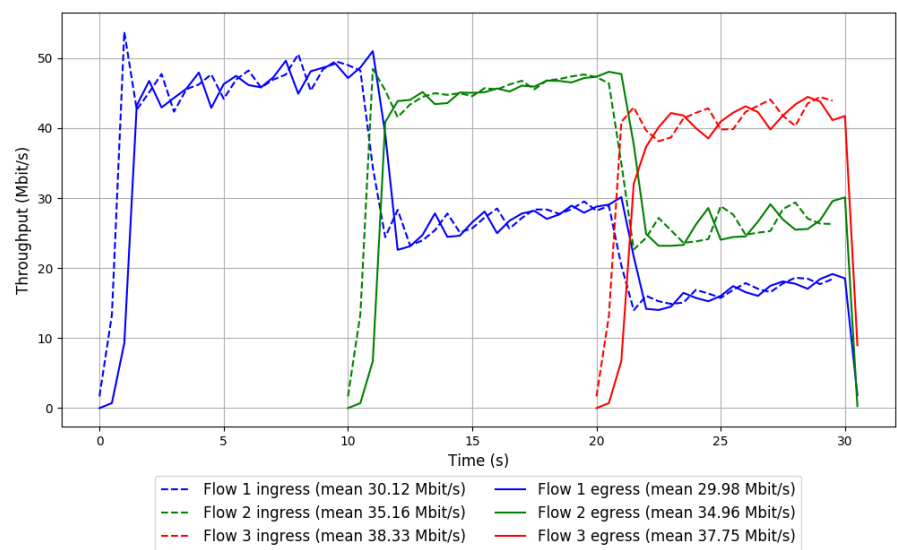


Run 6: Statistics of TCP Vegas

Start at: 2018-08-01 09:28:45
End at: 2018-08-01 09:29:15
Local clock offset: -6.226 ms
Remote clock offset: 14.128 ms

Below is generated by plot.py at 2018-08-01 11:34:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 65.82 Mbit/s
95th percentile per-packet one-way delay: 81.461 ms
Loss rate: 0.71%
-- Flow 1:
Average throughput: 29.98 Mbit/s
95th percentile per-packet one-way delay: 79.731 ms
Loss rate: 0.48%
-- Flow 2:
Average throughput: 34.96 Mbit/s
95th percentile per-packet one-way delay: 85.319 ms
Loss rate: 0.56%
-- Flow 3:
Average throughput: 37.75 Mbit/s
95th percentile per-packet one-way delay: 79.209 ms
Loss rate: 1.53%

Run 6: Report of TCP Vegas — Data Link

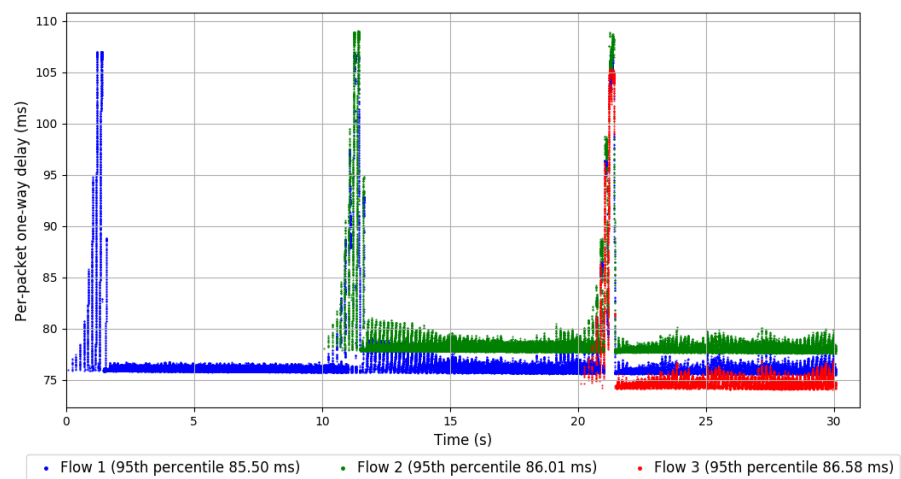
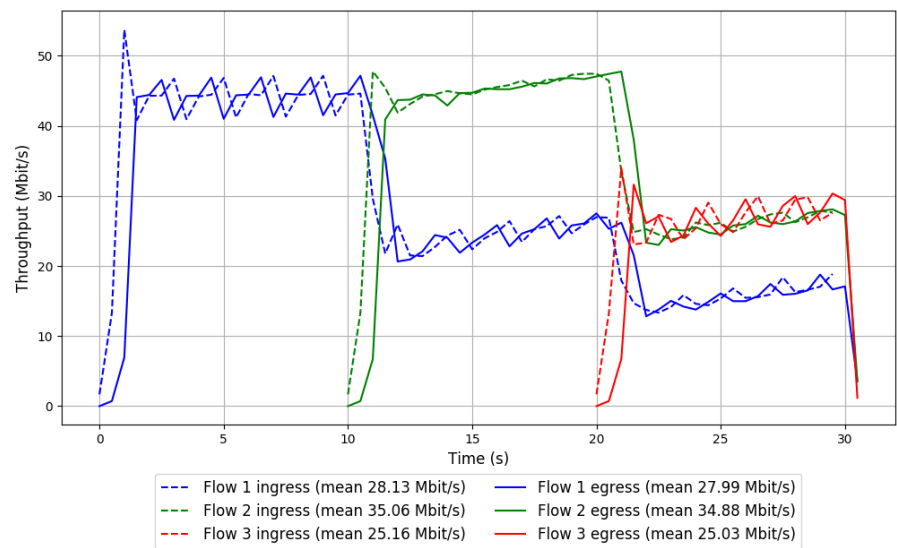


Run 7: Statistics of TCP Vegas

Start at: 2018-08-01 09:49:46
End at: 2018-08-01 09:50:16
Local clock offset: -5.649 ms
Remote clock offset: 27.376 ms

Below is generated by plot.py at 2018-08-01 11:34:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.55 Mbit/s
95th percentile per-packet one-way delay: 85.734 ms
Loss rate: 0.50%
-- Flow 1:
Average throughput: 27.99 Mbit/s
95th percentile per-packet one-way delay: 85.503 ms
Loss rate: 0.49%
-- Flow 2:
Average throughput: 34.88 Mbit/s
95th percentile per-packet one-way delay: 86.011 ms
Loss rate: 0.51%
-- Flow 3:
Average throughput: 25.03 Mbit/s
95th percentile per-packet one-way delay: 86.584 ms
Loss rate: 0.52%

Run 7: Report of TCP Vegas — Data Link

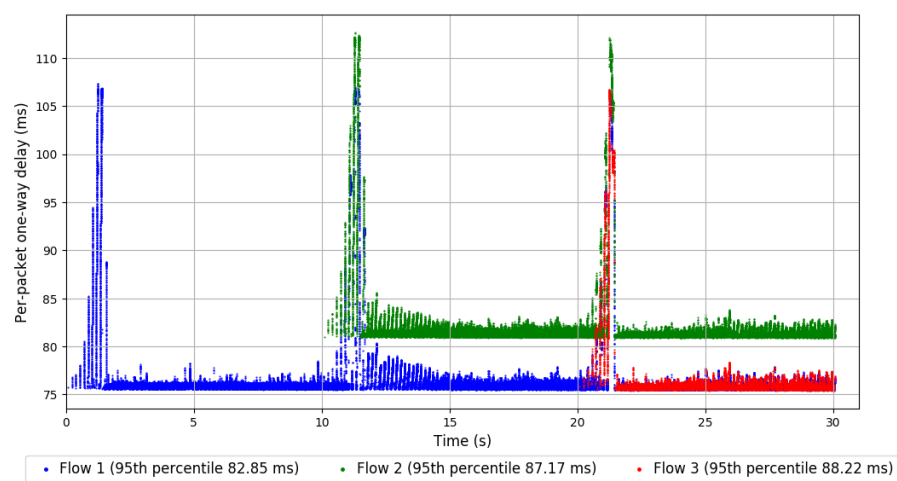
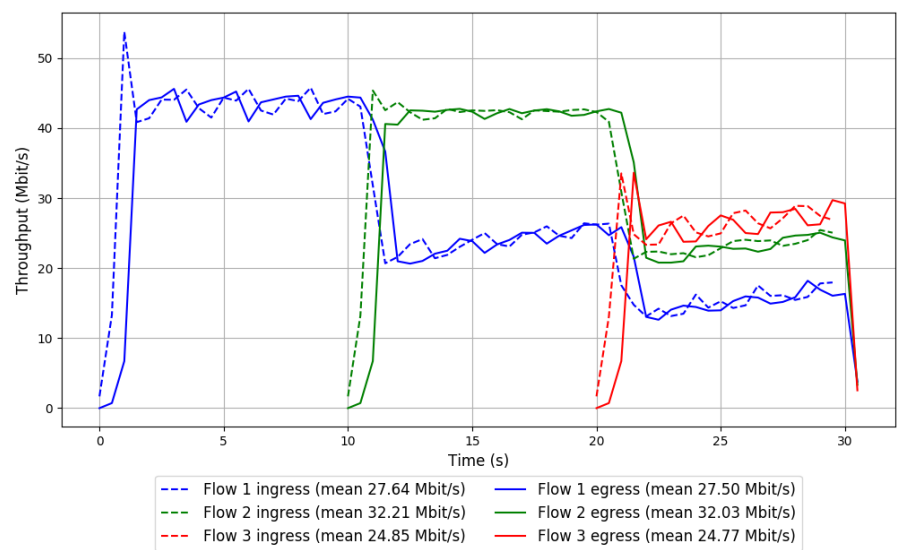


Run 8: Statistics of TCP Vegas

Start at: 2018-08-01 10:10:52
End at: 2018-08-01 10:11:22
Local clock offset: -5.792 ms
Remote clock offset: 36.592 ms

Below is generated by plot.py at 2018-08-01 11:34:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 57.07 Mbit/s
95th percentile per-packet one-way delay: 85.547 ms
Loss rate: 0.51%
-- Flow 1:
Average throughput: 27.50 Mbit/s
95th percentile per-packet one-way delay: 82.847 ms
Loss rate: 0.51%
-- Flow 2:
Average throughput: 32.03 Mbit/s
95th percentile per-packet one-way delay: 87.166 ms
Loss rate: 0.57%
-- Flow 3:
Average throughput: 24.77 Mbit/s
95th percentile per-packet one-way delay: 88.220 ms
Loss rate: 0.33%

Run 8: Report of TCP Vegas — Data Link

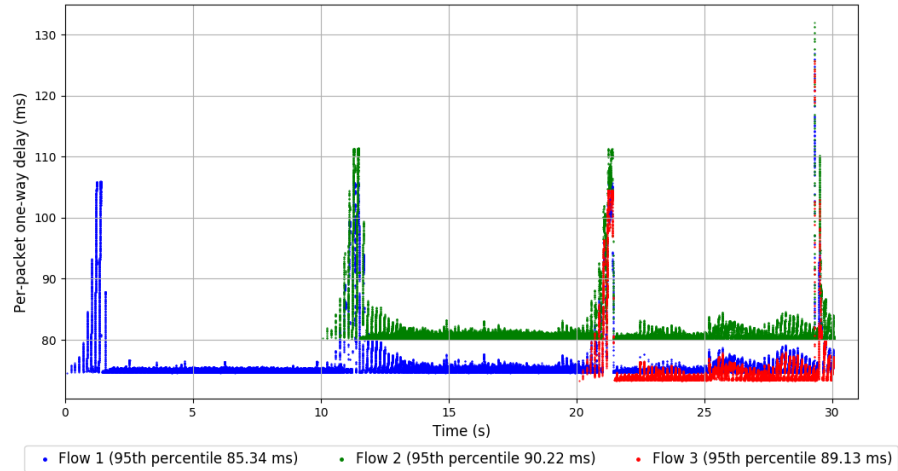
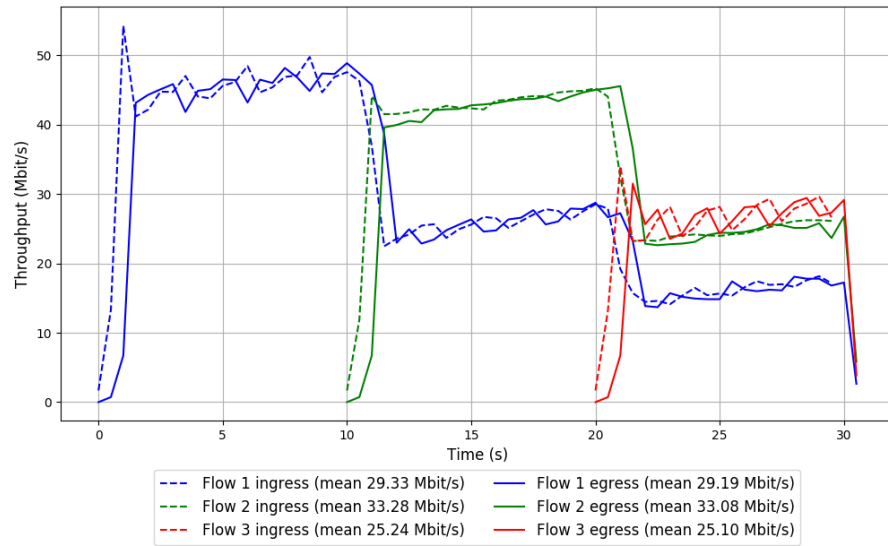


Run 9: Statistics of TCP Vegas

Start at: 2018-08-01 10:31:58
End at: 2018-08-01 10:32:28
Local clock offset: -2.83 ms
Remote clock offset: 41.323 ms

Below is generated by plot.py at 2018-08-01 11:34:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 59.54 Mbit/s
95th percentile per-packet one-way delay: 88.051 ms
Loss rate: 0.54%
-- Flow 1:
Average throughput: 29.19 Mbit/s
95th percentile per-packet one-way delay: 85.337 ms
Loss rate: 0.50%
-- Flow 2:
Average throughput: 33.08 Mbit/s
95th percentile per-packet one-way delay: 90.217 ms
Loss rate: 0.60%
-- Flow 3:
Average throughput: 25.10 Mbit/s
95th percentile per-packet one-way delay: 89.130 ms
Loss rate: 0.53%

Run 9: Report of TCP Vegas — Data Link

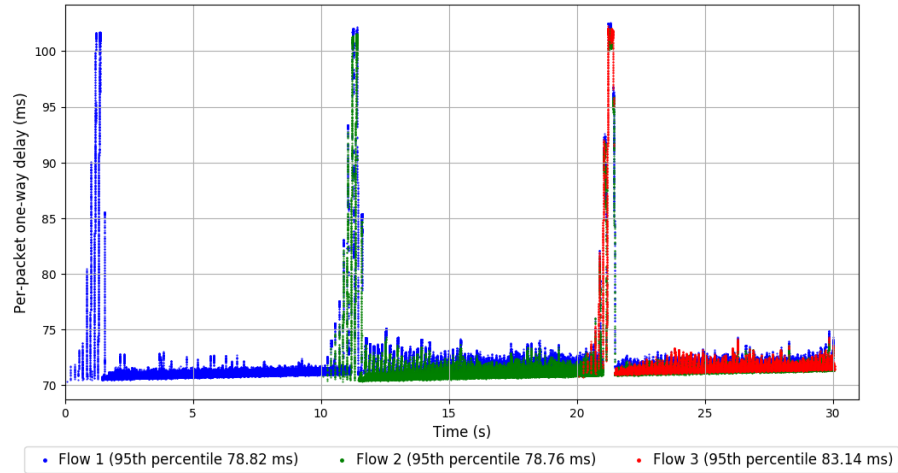
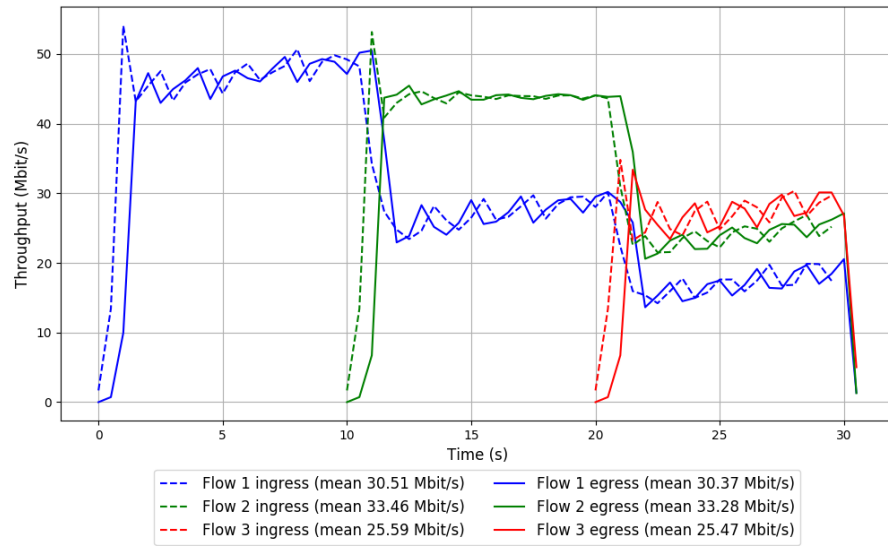


Run 10: Statistics of TCP Vegas

Start at: 2018-08-01 10:53:05
End at: 2018-08-01 10:53:35
Local clock offset: -0.638 ms
Remote clock offset: 24.917 ms

Below is generated by plot.py at 2018-08-01 11:34:20
Datalink statistics
-- Total of 3 flows:
Average throughput: 60.98 Mbit/s
95th percentile per-packet one-way delay: 79.359 ms
Loss rate: 0.47%
-- Flow 1:
Average throughput: 30.37 Mbit/s
95th percentile per-packet one-way delay: 78.823 ms
Loss rate: 0.45%
-- Flow 2:
Average throughput: 33.28 Mbit/s
95th percentile per-packet one-way delay: 78.758 ms
Loss rate: 0.52%
-- Flow 3:
Average throughput: 25.47 Mbit/s
95th percentile per-packet one-way delay: 83.141 ms
Loss rate: 0.44%

Run 10: Report of TCP Vegas — Data Link

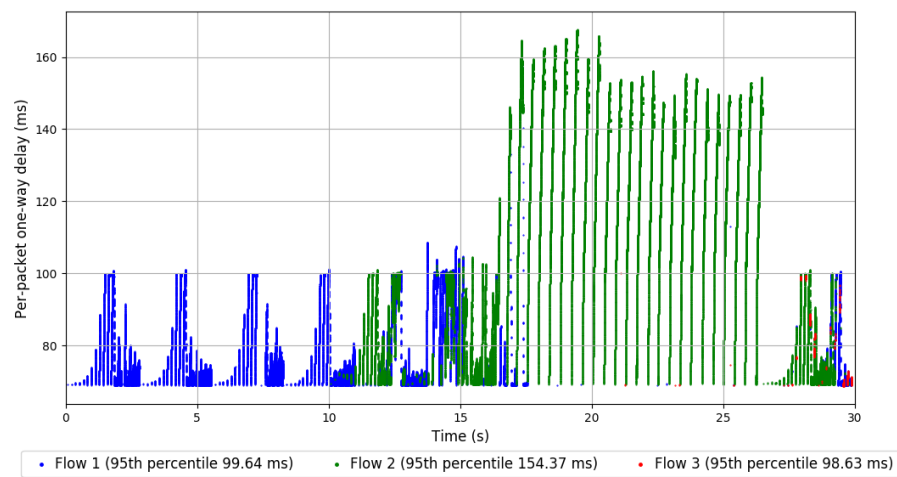
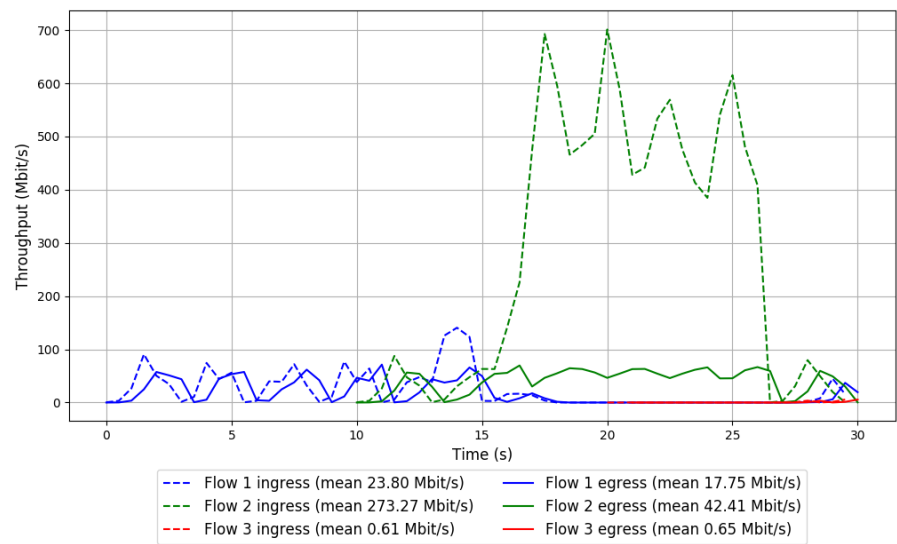


Run 1: Statistics of Verus

Start at: 2018-08-01 07:48:33
End at: 2018-08-01 07:49:03
Local clock offset: -2.601 ms
Remote clock offset: 12.142 ms

Below is generated by plot.py at 2018-08-01 11:34:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 45.93 Mbit/s
95th percentile per-packet one-way delay: 151.592 ms
Loss rate: 77.53%
-- Flow 1:
Average throughput: 17.75 Mbit/s
95th percentile per-packet one-way delay: 99.635 ms
Loss rate: 25.39%
-- Flow 2:
Average throughput: 42.41 Mbit/s
95th percentile per-packet one-way delay: 154.366 ms
Loss rate: 84.48%
-- Flow 3:
Average throughput: 0.65 Mbit/s
95th percentile per-packet one-way delay: 98.631 ms
Loss rate: 4.57%

Run 1: Report of Verus — Data Link

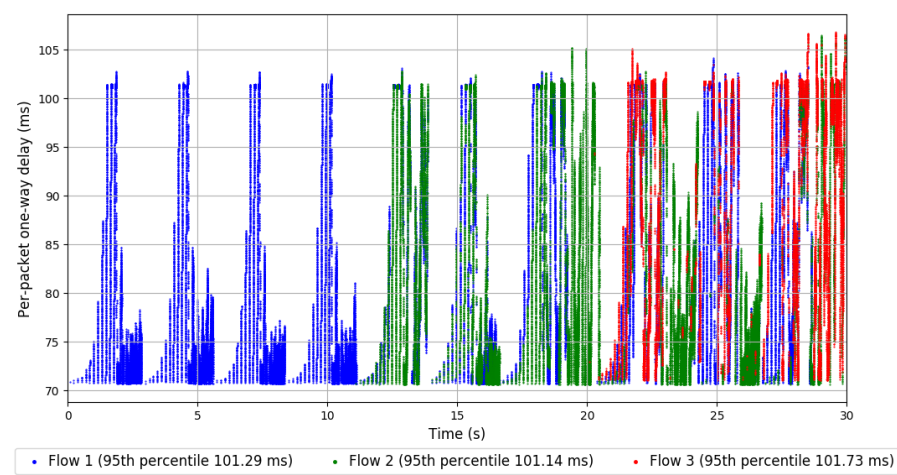
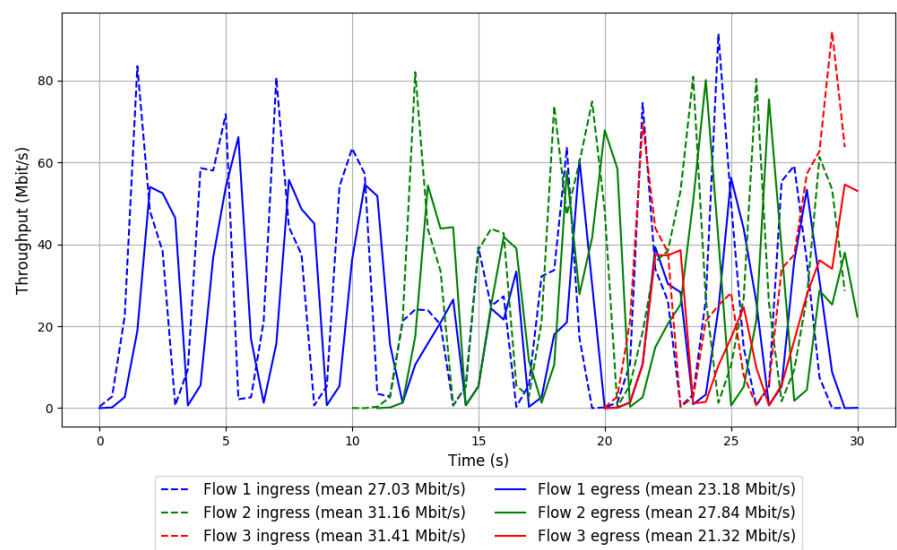


Run 2: Statistics of Verus

Start at: 2018-08-01 08:09:35
End at: 2018-08-01 08:10:05
Local clock offset: -5.486 ms
Remote clock offset: 11.797 ms

Below is generated by plot.py at 2018-08-01 11:34:29
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.69 Mbit/s
95th percentile per-packet one-way delay: 101.312 ms
Loss rate: 17.65%
-- Flow 1:
Average throughput: 23.18 Mbit/s
95th percentile per-packet one-way delay: 101.294 ms
Loss rate: 14.21%
-- Flow 2:
Average throughput: 27.84 Mbit/s
95th percentile per-packet one-way delay: 101.137 ms
Loss rate: 15.02%
-- Flow 3:
Average throughput: 21.32 Mbit/s
95th percentile per-packet one-way delay: 101.734 ms
Loss rate: 31.92%

Run 2: Report of Verus — Data Link

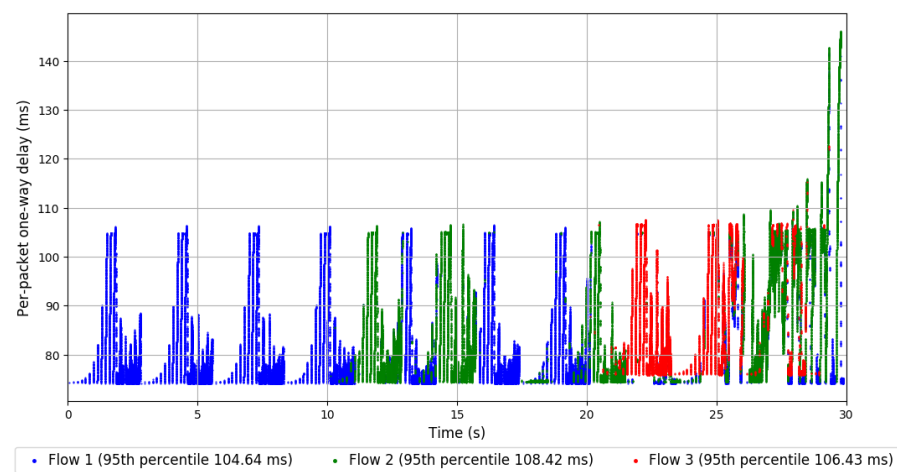
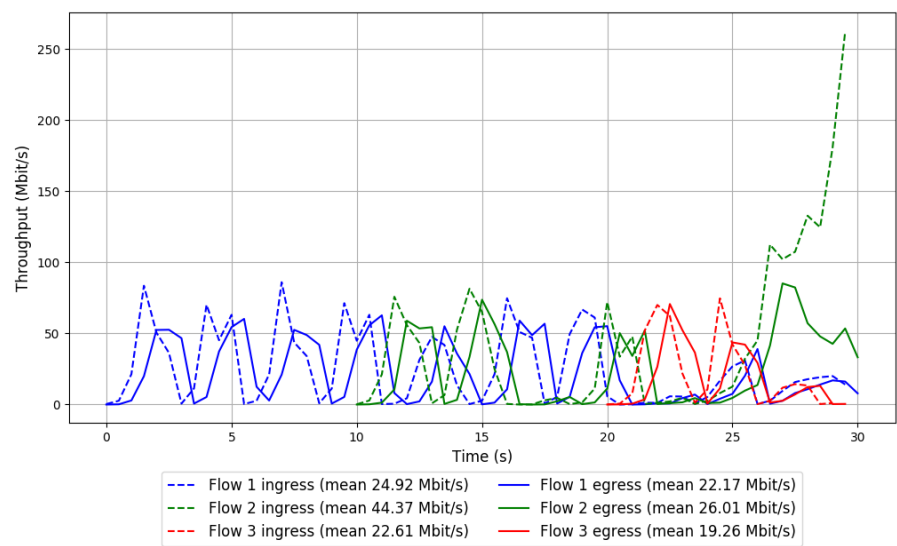


Run 3: Statistics of Verus

Start at: 2018-08-01 08:30:34
End at: 2018-08-01 08:31:04
Local clock offset: -4.311 ms
Remote clock offset: 17.23 ms

Below is generated by plot.py at 2018-08-01 11:34:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 45.28 Mbit/s
95th percentile per-packet one-way delay: 105.130 ms
Loss rate: 25.81%
-- Flow 1:
Average throughput: 22.17 Mbit/s
95th percentile per-packet one-way delay: 104.637 ms
Loss rate: 11.00%
-- Flow 2:
Average throughput: 26.01 Mbit/s
95th percentile per-packet one-way delay: 108.424 ms
Loss rate: 41.17%
-- Flow 3:
Average throughput: 19.26 Mbit/s
95th percentile per-packet one-way delay: 106.431 ms
Loss rate: 14.52%

Run 3: Report of Verus — Data Link

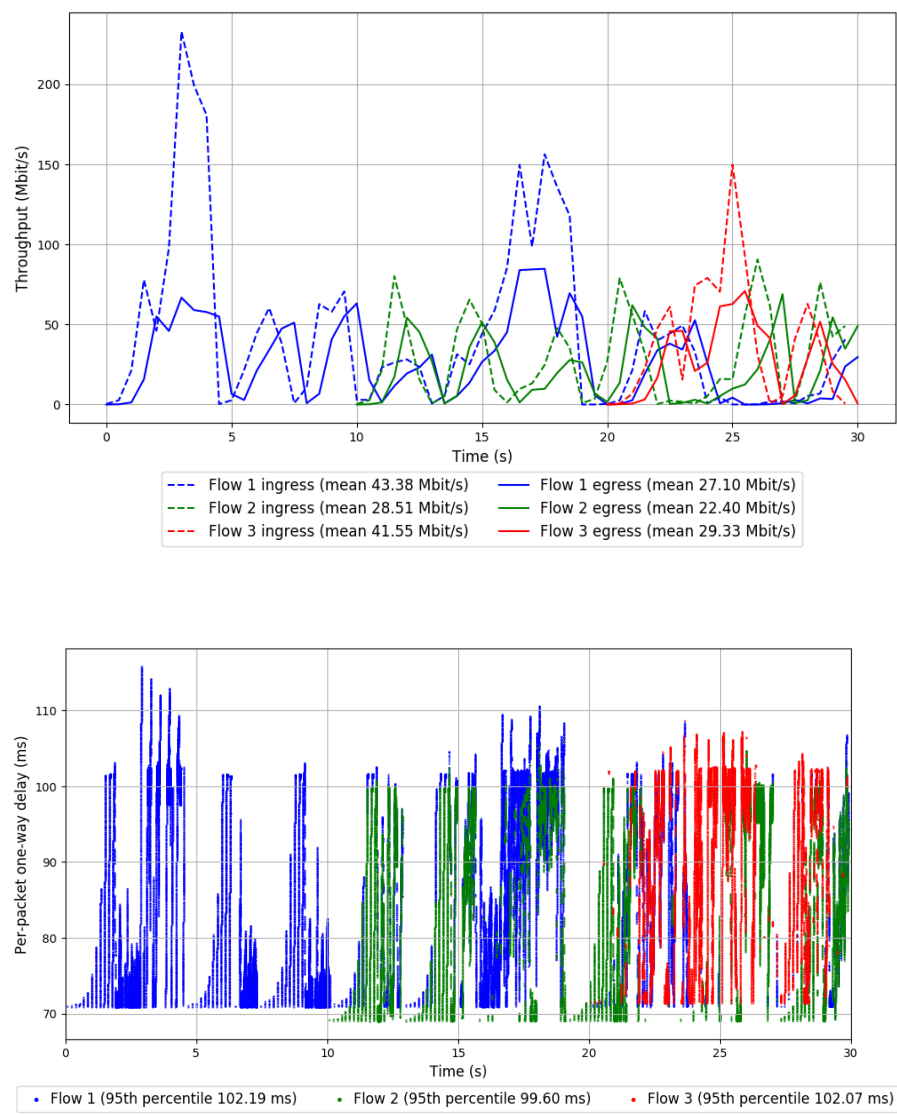


Run 4: Statistics of Verus

Start at: 2018-08-01 08:51:37
End at: 2018-08-01 08:52:07
Local clock offset: -3.021 ms
Remote clock offset: 4.509 ms

Below is generated by plot.py at 2018-08-01 11:34:42
Datalink statistics
-- Total of 3 flows:
Average throughput: 51.59 Mbit/s
95th percentile per-packet one-way delay: 101.680 ms
Loss rate: 31.96%
-- Flow 1:
Average throughput: 27.10 Mbit/s
95th percentile per-packet one-way delay: 102.191 ms
Loss rate: 37.48%
-- Flow 2:
Average throughput: 22.40 Mbit/s
95th percentile per-packet one-way delay: 99.603 ms
Loss rate: 21.31%
-- Flow 3:
Average throughput: 29.33 Mbit/s
95th percentile per-packet one-way delay: 102.073 ms
Loss rate: 29.18%

Run 4: Report of Verus — Data Link

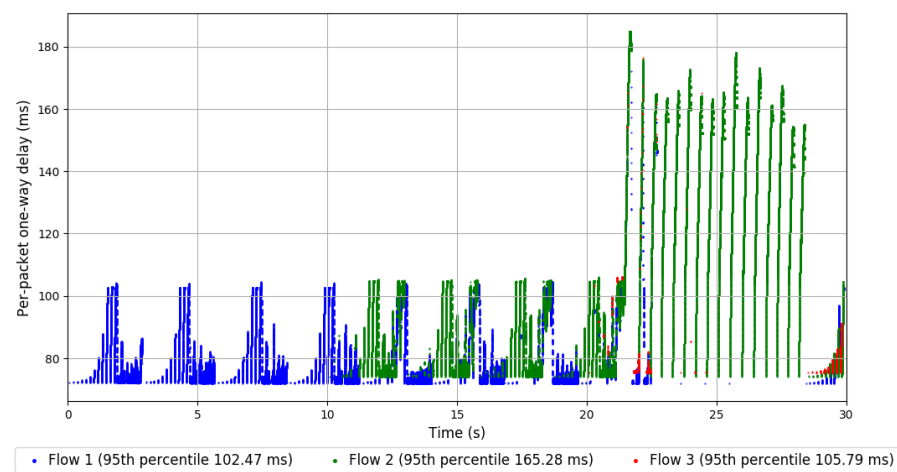
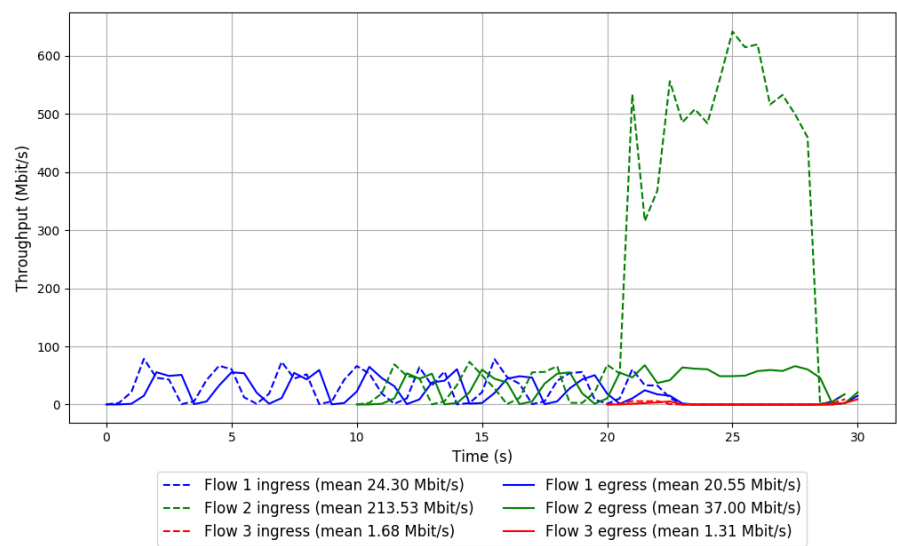


Run 5: Statistics of Verus

Start at: 2018-08-01 09:12:40
End at: 2018-08-01 09:13:10
Local clock offset: -6.521 ms
Remote clock offset: 7.745 ms

Below is generated by plot.py at 2018-08-01 11:34:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 45.50 Mbit/s
95th percentile per-packet one-way delay: 161.630 ms
Loss rate: 72.61%
-- Flow 1:
Average throughput: 20.55 Mbit/s
95th percentile per-packet one-way delay: 102.466 ms
Loss rate: 15.35%
-- Flow 2:
Average throughput: 37.00 Mbit/s
95th percentile per-packet one-way delay: 165.278 ms
Loss rate: 82.64%
-- Flow 3:
Average throughput: 1.31 Mbit/s
95th percentile per-packet one-way delay: 105.790 ms
Loss rate: 21.67%

Run 5: Report of Verus — Data Link

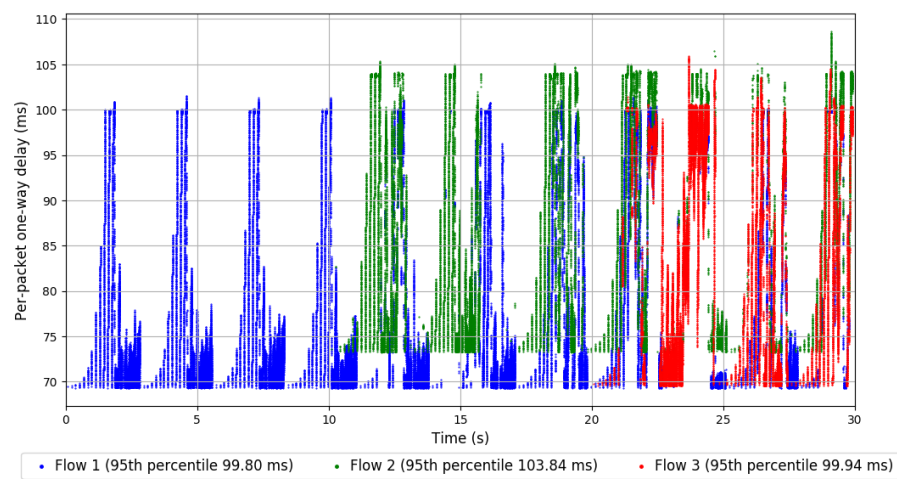
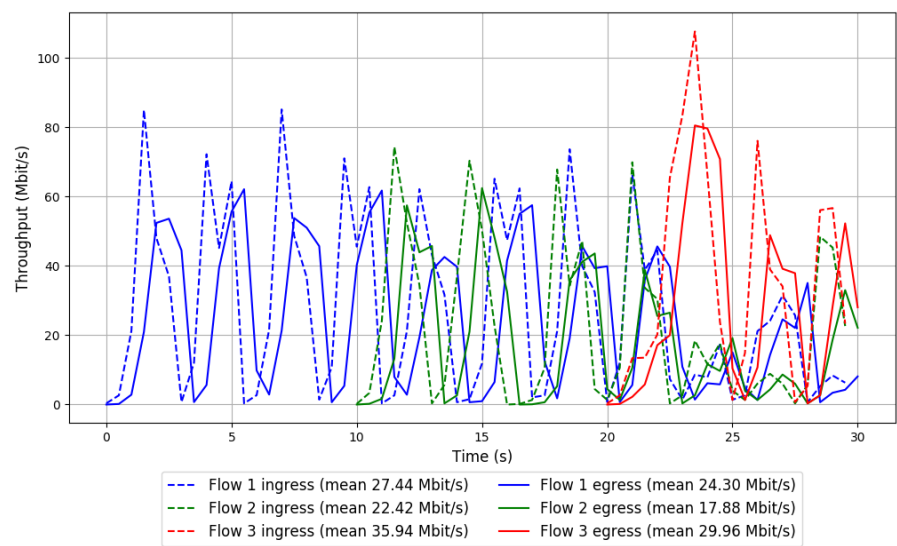


Run 6: Statistics of Verus

Start at: 2018-08-01 09:33:42
End at: 2018-08-01 09:34:12
Local clock offset: -5.914 ms
Remote clock offset: 10.978 ms

Below is generated by plot.py at 2018-08-01 11:34:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 45.92 Mbit/s
95th percentile per-packet one-way delay: 101.734 ms
Loss rate: 14.92%
-- Flow 1:
Average throughput: 24.30 Mbit/s
95th percentile per-packet one-way delay: 99.802 ms
Loss rate: 11.44%
-- Flow 2:
Average throughput: 17.88 Mbit/s
95th percentile per-packet one-way delay: 103.837 ms
Loss rate: 20.13%
-- Flow 3:
Average throughput: 29.96 Mbit/s
95th percentile per-packet one-way delay: 99.937 ms
Loss rate: 16.40%

Run 6: Report of Verus — Data Link

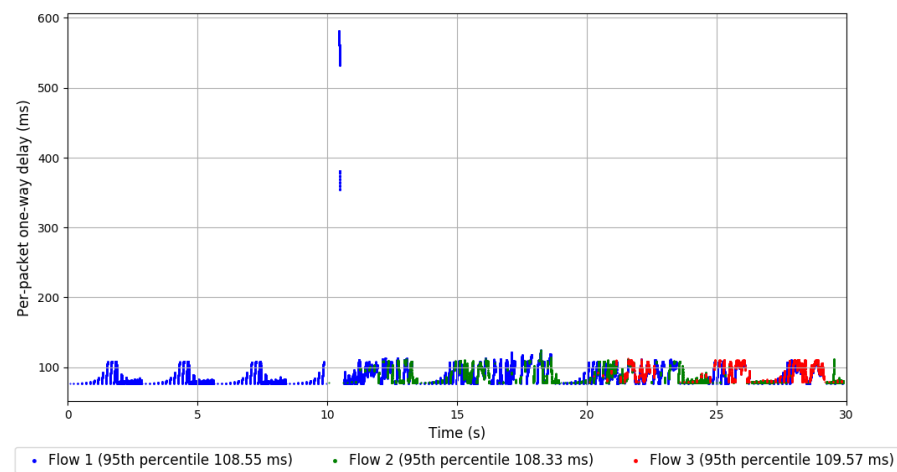
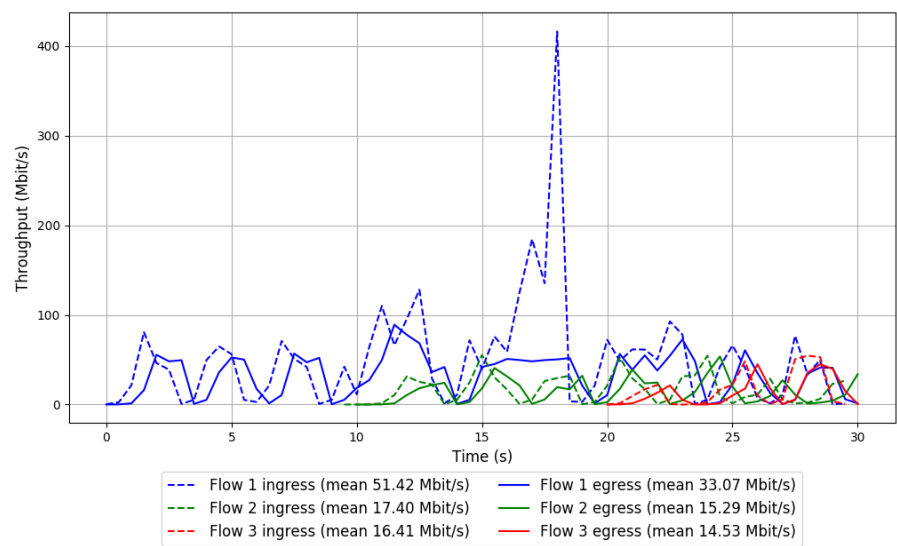


Run 7: Statistics of Verus

Start at: 2018-08-01 09:54:44
End at: 2018-08-01 09:55:14
Local clock offset: -5.741 ms
Remote clock offset: 30.305 ms

Below is generated by plot.py at 2018-08-01 11:34:57
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.93 Mbit/s
95th percentile per-packet one-way delay: 108.478 ms
Loss rate: 29.78%
-- Flow 1:
Average throughput: 33.07 Mbit/s
95th percentile per-packet one-way delay: 108.548 ms
Loss rate: 35.68%
-- Flow 2:
Average throughput: 15.29 Mbit/s
95th percentile per-packet one-way delay: 108.328 ms
Loss rate: 12.07%
-- Flow 3:
Average throughput: 14.53 Mbit/s
95th percentile per-packet one-way delay: 109.572 ms
Loss rate: 11.44%

Run 7: Report of Verus — Data Link

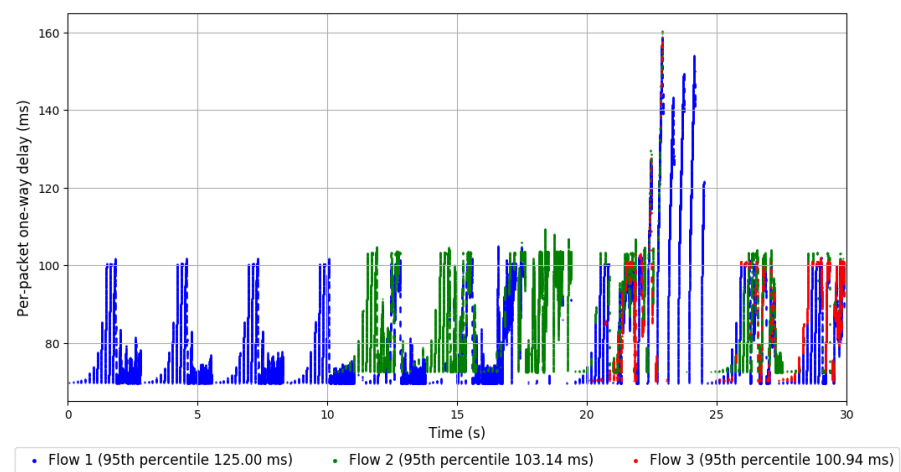
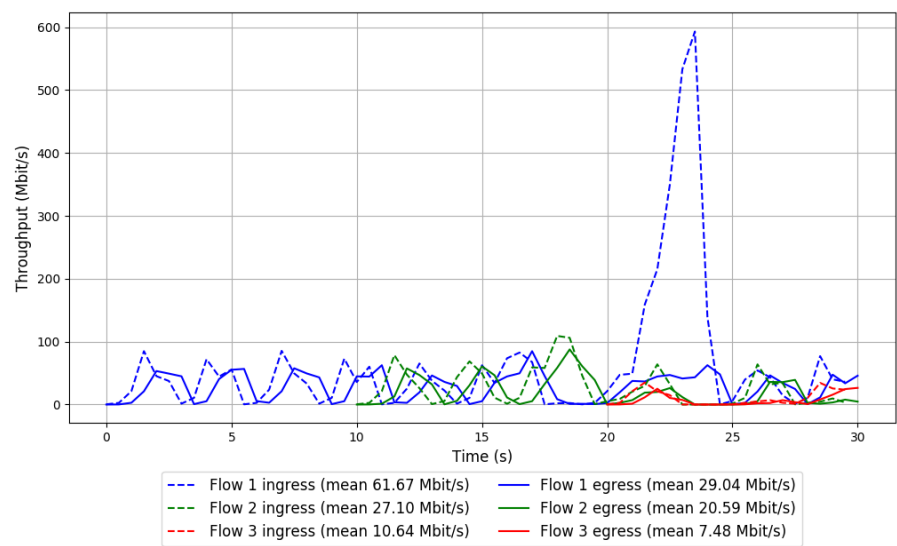


Run 8: Statistics of Verus

Start at: 2018-08-01 10:15:50
End at: 2018-08-01 10:16:20
Local clock offset: -5.808 ms
Remote clock offset: 34.08 ms

Below is generated by plot.py at 2018-08-01 11:35:01
Datalink statistics
-- Total of 3 flows:
Average throughput: 45.15 Mbit/s
95th percentile per-packet one-way delay: 114.474 ms
Loss rate: 45.64%
-- Flow 1:
Average throughput: 29.04 Mbit/s
95th percentile per-packet one-way delay: 125.004 ms
Loss rate: 52.88%
-- Flow 2:
Average throughput: 20.59 Mbit/s
95th percentile per-packet one-way delay: 103.145 ms
Loss rate: 23.92%
-- Flow 3:
Average throughput: 7.48 Mbit/s
95th percentile per-packet one-way delay: 100.938 ms
Loss rate: 29.53%

Run 8: Report of Verus — Data Link



Run 9: Statistics of Verus

Start at: 2018-08-01 10:36:57

End at: 2018-08-01 10:37:27

Local clock offset: -2.039 ms

Remote clock offset: 44.74 ms

Below is generated by plot.py at 2018-08-01 11:35:04

Datalink statistics

-- Total of 3 flows:

Average throughput: 47.03 Mbit/s

95th percentile per-packet one-way delay: 112.832 ms

Loss rate: 43.03%

-- Flow 1:

Average throughput: 23.17 Mbit/s

95th percentile per-packet one-way delay: 112.974 ms

Loss rate: 18.13%

-- Flow 2:

Average throughput: 14.20 Mbit/s

95th percentile per-packet one-way delay: 107.719 ms

Loss rate: 17.46%

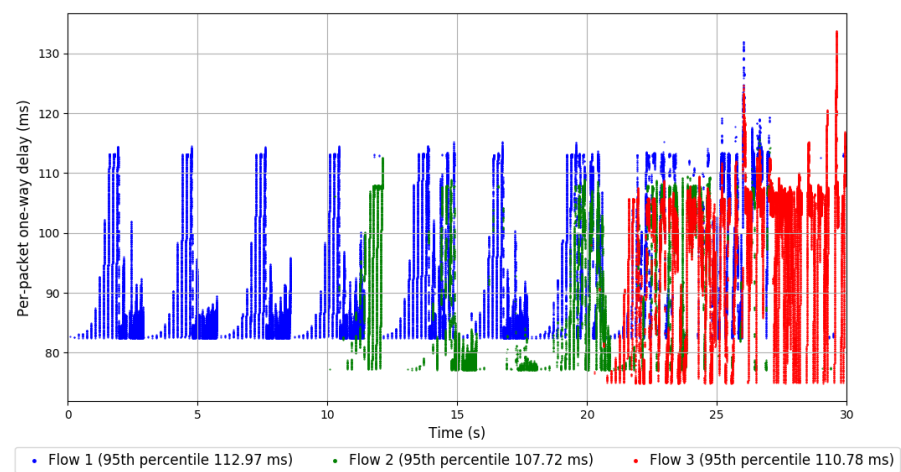
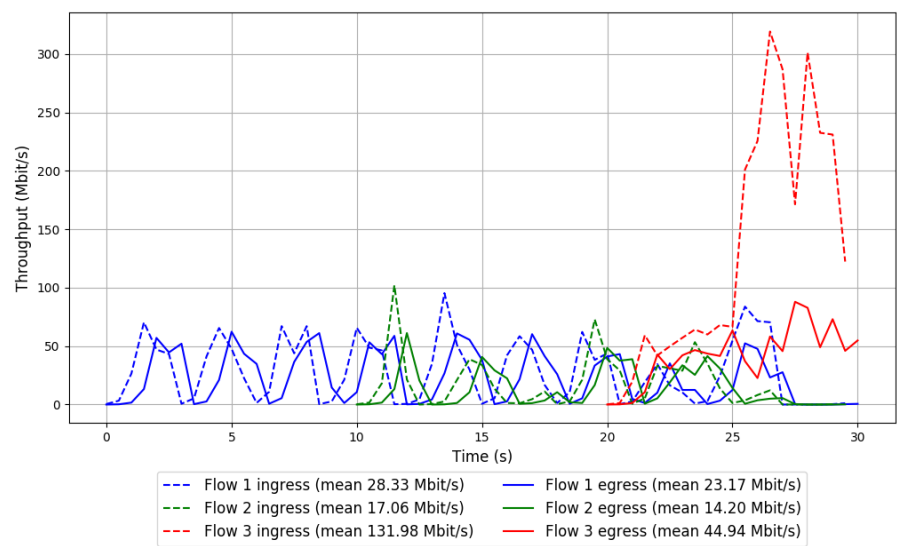
-- Flow 3:

Average throughput: 44.94 Mbit/s

95th percentile per-packet one-way delay: 110.777 ms

Loss rate: 65.89%

Run 9: Report of Verus — Data Link

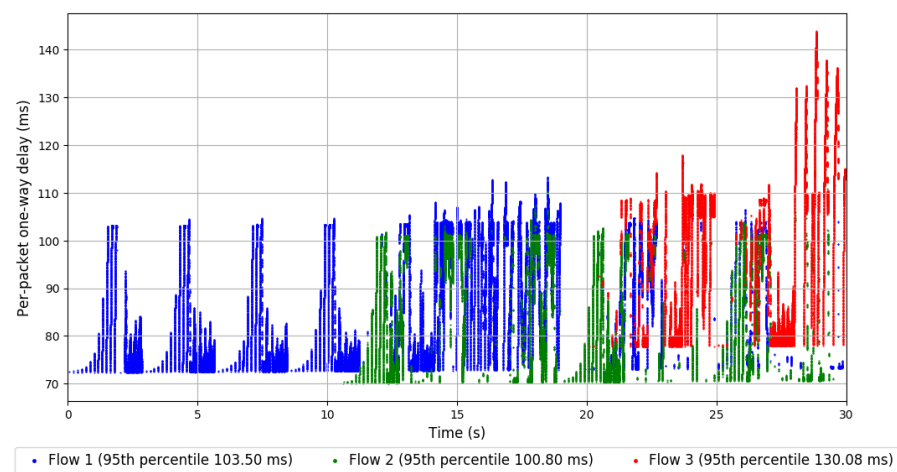
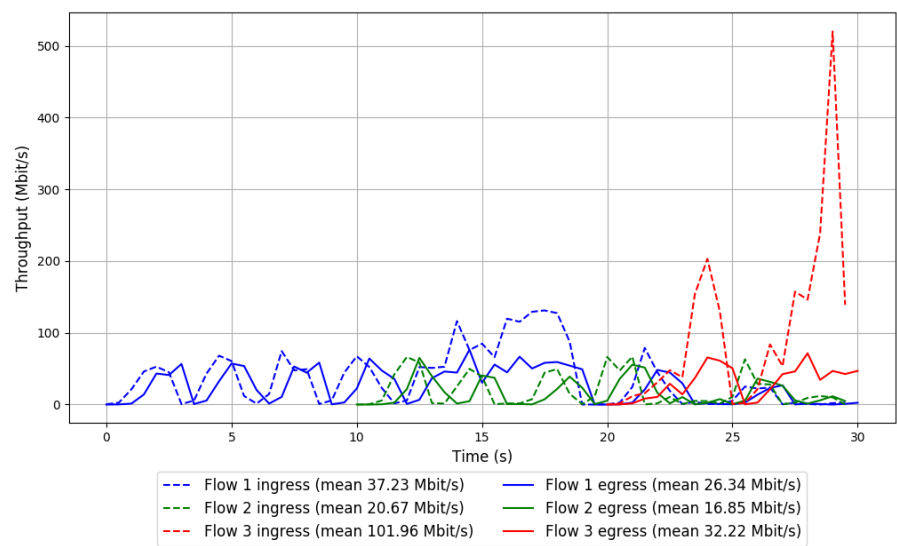


Run 10: Statistics of Verus

Start at: 2018-08-01 10:58:04
End at: 2018-08-01 10:58:34
Local clock offset: -0.346 ms
Remote clock offset: 12.724 ms

Below is generated by plot.py at 2018-08-01 11:35:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 47.59 Mbit/s
95th percentile per-packet one-way delay: 109.070 ms
Loss rate: 43.22%
-- Flow 1:
Average throughput: 26.34 Mbit/s
95th percentile per-packet one-way delay: 103.499 ms
Loss rate: 29.26%
-- Flow 2:
Average throughput: 16.85 Mbit/s
95th percentile per-packet one-way delay: 100.803 ms
Loss rate: 19.14%
-- Flow 3:
Average throughput: 32.22 Mbit/s
95th percentile per-packet one-way delay: 130.076 ms
Loss rate: 68.28%

Run 10: Report of Verus — Data Link

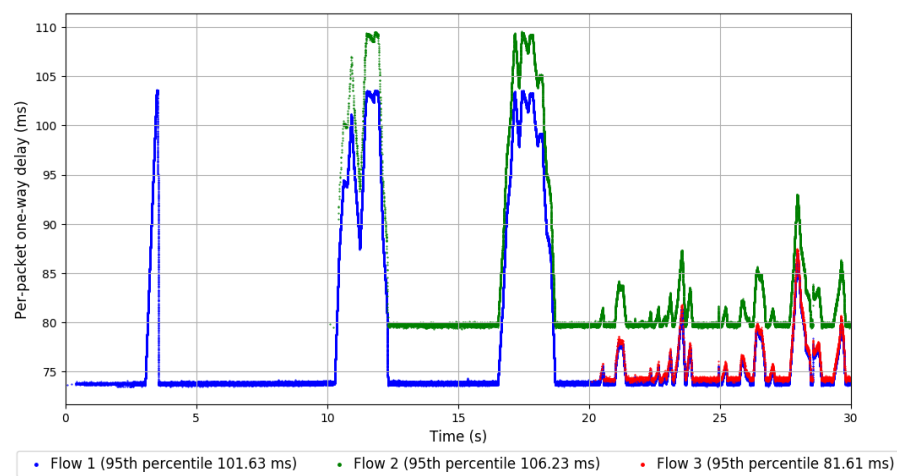
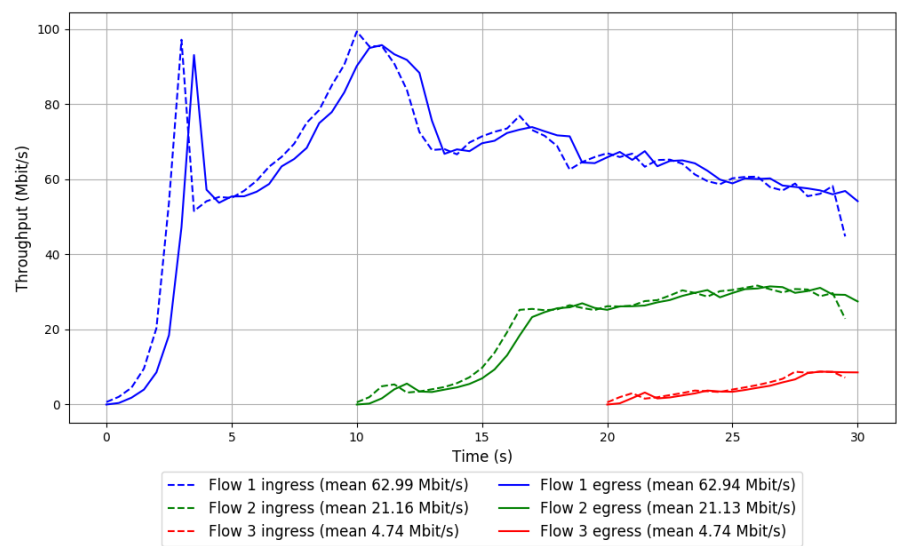


Run 1: Statistics of PCC-Vivace

Start at: 2018-08-01 07:47:17
End at: 2018-08-01 07:47:47
Local clock offset: -2.711 ms
Remote clock offset: 16.741 ms

Below is generated by plot.py at 2018-08-01 11:35:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.56 Mbit/s
95th percentile per-packet one-way delay: 102.171 ms
Loss rate: 0.09%
-- Flow 1:
Average throughput: 62.94 Mbit/s
95th percentile per-packet one-way delay: 101.630 ms
Loss rate: 0.08%
-- Flow 2:
Average throughput: 21.13 Mbit/s
95th percentile per-packet one-way delay: 106.227 ms
Loss rate: 0.13%
-- Flow 3:
Average throughput: 4.74 Mbit/s
95th percentile per-packet one-way delay: 81.608 ms
Loss rate: 0.00%

Run 1: Report of PCC-Vivace — Data Link

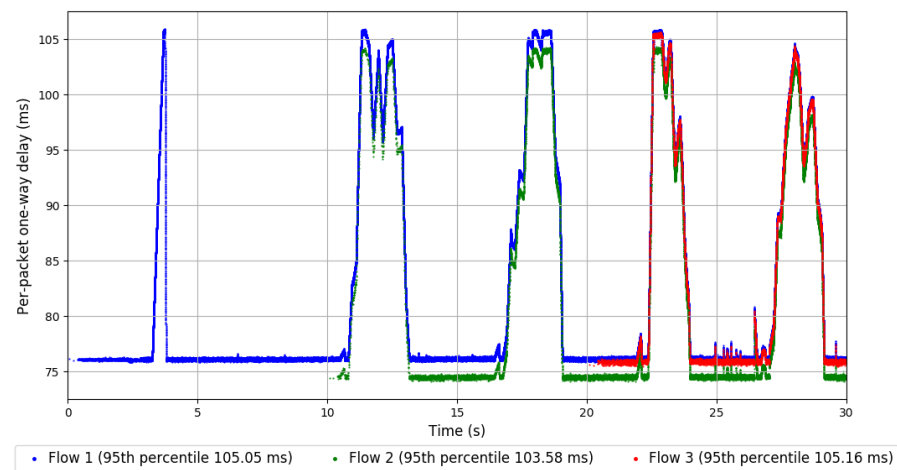
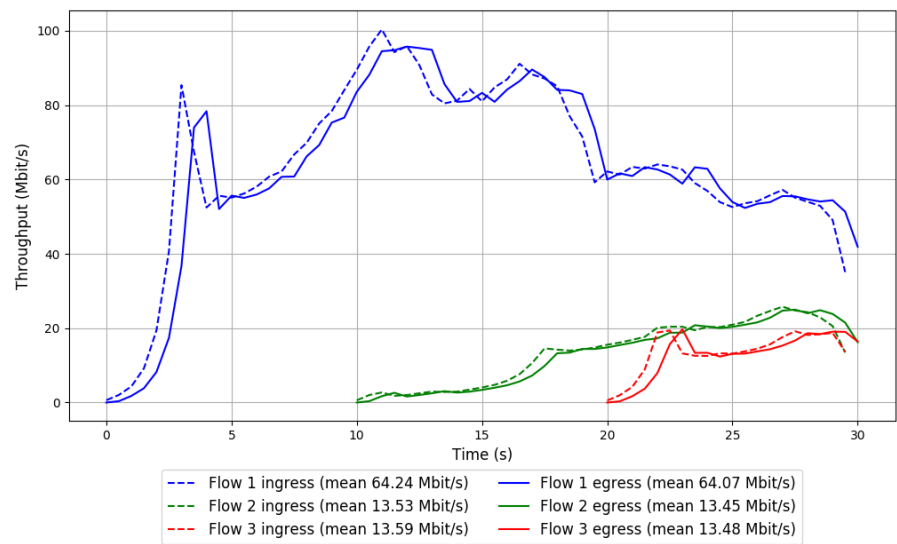


Run 2: Statistics of PCC-Vivace

Start at: 2018-08-01 08:08:20
End at: 2018-08-01 08:08:50
Local clock offset: -5.407 ms
Remote clock offset: 16.797 ms

Below is generated by plot.py at 2018-08-01 11:35:34
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.47 Mbit/s
95th percentile per-packet one-way delay: 104.816 ms
Loss rate: 0.33%
-- Flow 1:
Average throughput: 64.07 Mbit/s
95th percentile per-packet one-way delay: 105.048 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 13.45 Mbit/s
95th percentile per-packet one-way delay: 103.585 ms
Loss rate: 0.59%
-- Flow 3:
Average throughput: 13.48 Mbit/s
95th percentile per-packet one-way delay: 105.160 ms
Loss rate: 0.80%

Run 2: Report of PCC-Vivace — Data Link

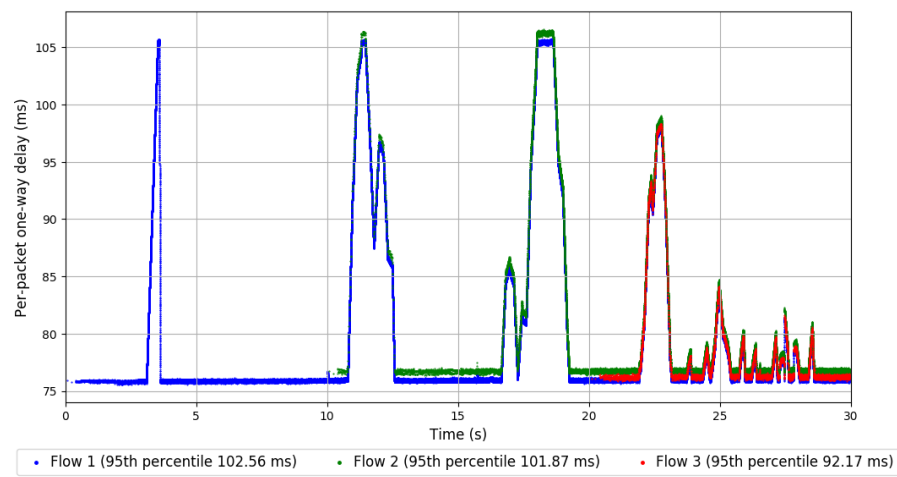
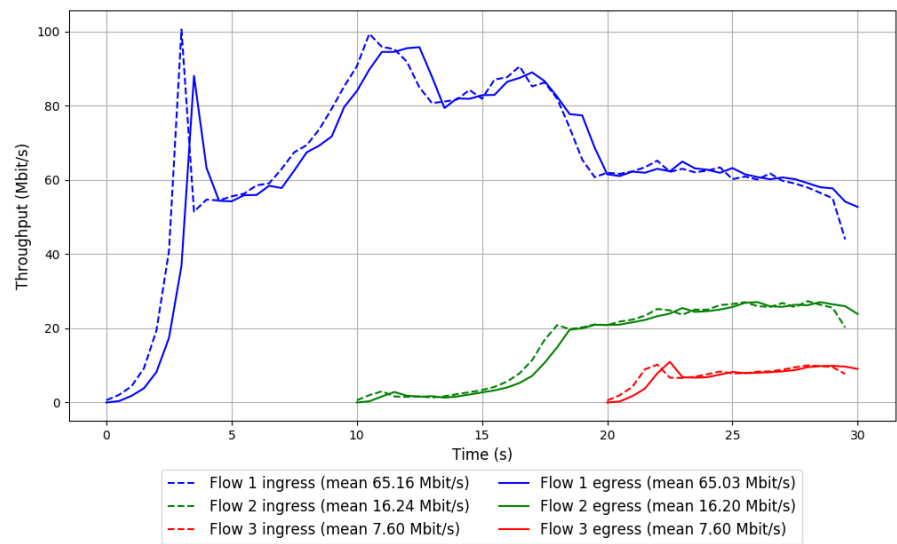


Run 3: Statistics of PCC-Vivace

Start at: 2018-08-01 08:29:19
End at: 2018-08-01 08:29:49
Local clock offset: -4.497 ms
Remote clock offset: 17.193 ms

Below is generated by plot.py at 2018-08-01 11:35:43
Datalink statistics
-- Total of 3 flows:
Average throughput: 78.31 Mbit/s
95th percentile per-packet one-way delay: 102.209 ms
Loss rate: 0.21%
-- Flow 1:
Average throughput: 65.03 Mbit/s
95th percentile per-packet one-way delay: 102.564 ms
Loss rate: 0.20%
-- Flow 2:
Average throughput: 16.20 Mbit/s
95th percentile per-packet one-way delay: 101.868 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 7.60 Mbit/s
95th percentile per-packet one-way delay: 92.174 ms
Loss rate: 0.02%

Run 3: Report of PCC-Vivace — Data Link



Run 4: Statistics of PCC-Vivace

Start at: 2018-08-01 08:50:21

End at: 2018-08-01 08:50:51

Local clock offset: -2.984 ms

Remote clock offset: 5.676 ms

Below is generated by plot.py at 2018-08-01 11:35:43

Datalink statistics

-- Total of 3 flows:

Average throughput: 78.38 Mbit/s

95th percentile per-packet one-way delay: 92.439 ms

Loss rate: 0.06%

-- Flow 1:

Average throughput: 66.73 Mbit/s

95th percentile per-packet one-way delay: 93.000 ms

Loss rate: 0.06%

-- Flow 2:

Average throughput: 15.00 Mbit/s

95th percentile per-packet one-way delay: 91.087 ms

Loss rate: 0.07%

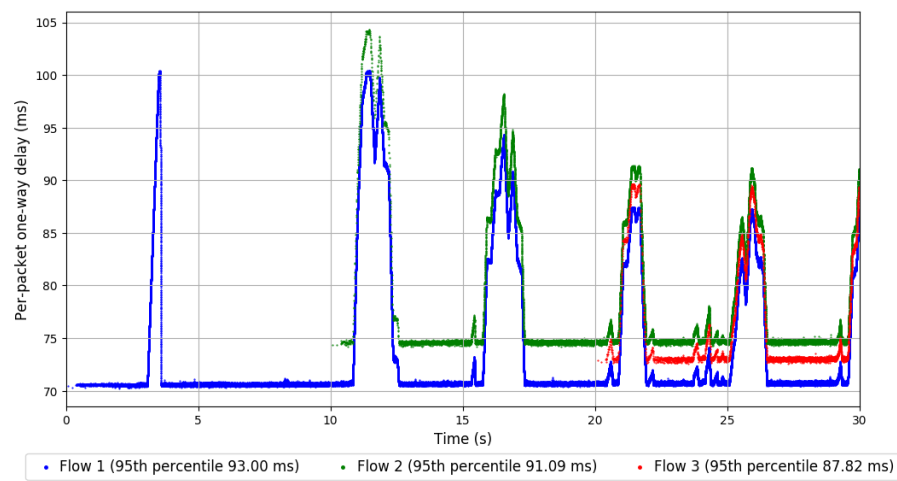
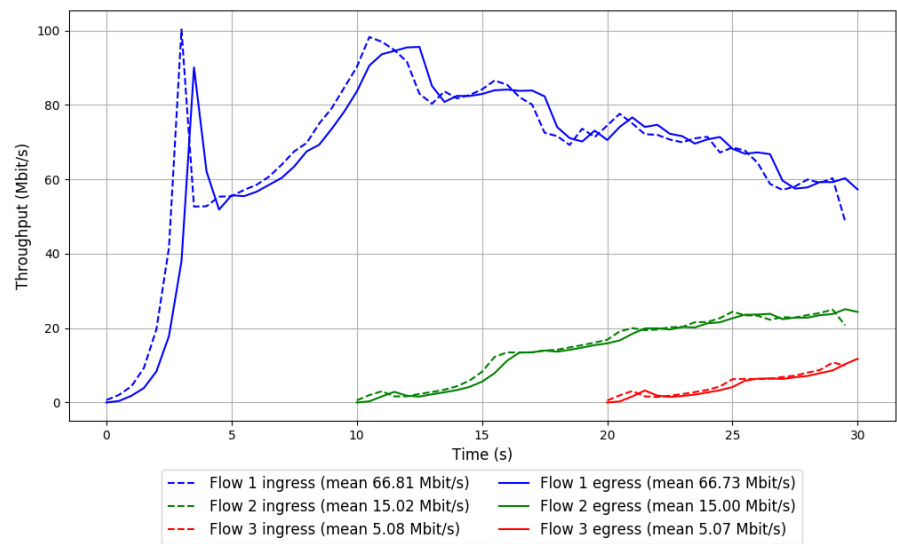
-- Flow 3:

Average throughput: 5.07 Mbit/s

95th percentile per-packet one-way delay: 87.823 ms

Loss rate: 0.00%

Run 4: Report of PCC-Vivace — Data Link



Run 5: Statistics of PCC-Vivace

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

End at: 2018-08-01 09:11:54

Local clock offset: -6.408 ms

Remote clock offset: 7.296 ms

Below is generated by plot.py at 2018-08-01 11:36:06

Datalink statistics

-- Total of 3 flows:

Average throughput: 77.77 Mbit/s

95th percentile per-packet one-way delay: 101.075 ms

Loss rate: 0.43%

-- Flow 1:

Average throughput: 63.22 Mbit/s

95th percentile per-packet one-way delay: 100.969 ms

Loss rate: 0.33%

-- Flow 2:

Average throughput: 15.05 Mbit/s

95th percentile per-packet one-way delay: 101.152 ms

Loss rate: 0.66%

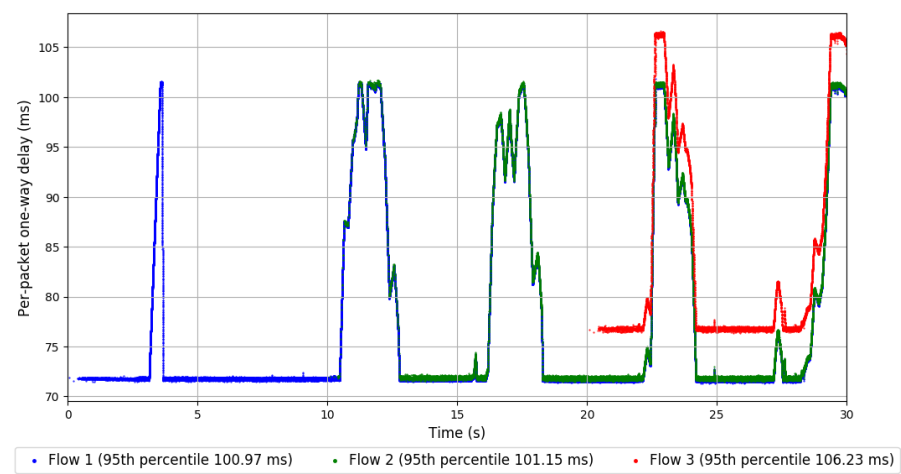
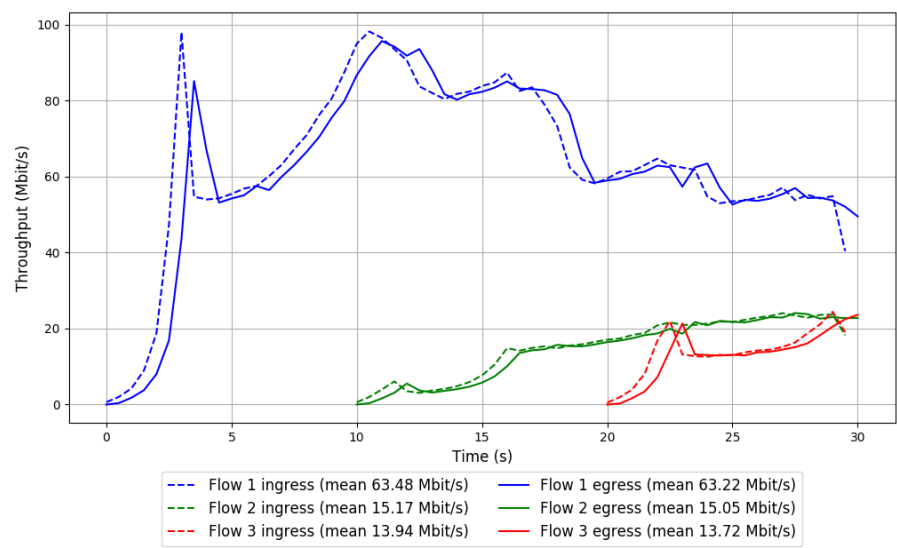
-- Flow 3:

Average throughput: 13.72 Mbit/s

95th percentile per-packet one-way delay: 106.226 ms

Loss rate: 1.33%

Run 5: Report of PCC-Vivace — Data Link

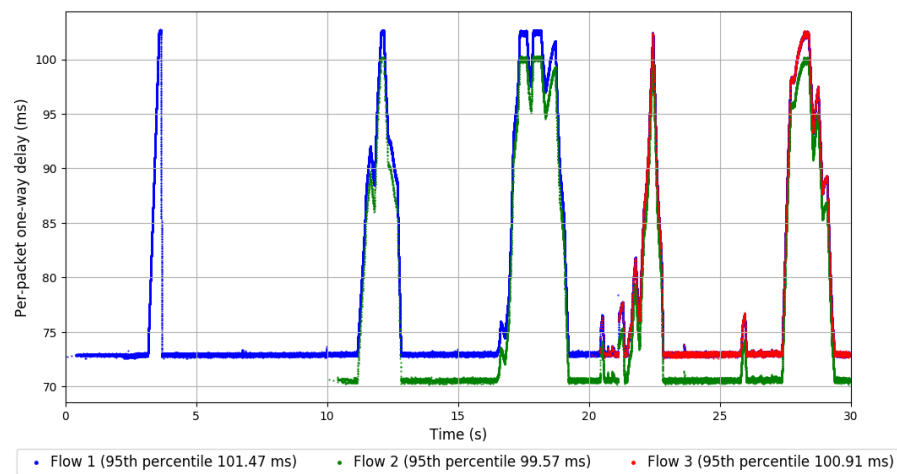
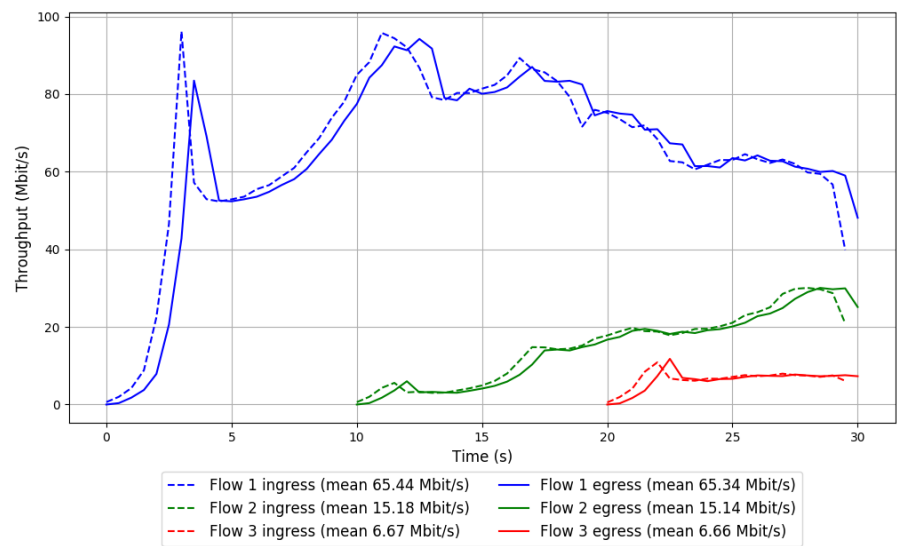


Run 6: Statistics of PCC-Vivace

Start at: 2018-08-01 09:32:27
End at: 2018-08-01 09:32:57
Local clock offset: -6.055 ms
Remote clock offset: 11.872 ms

Below is generated by plot.py at 2018-08-01 11:36:10
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.60 Mbit/s
95th percentile per-packet one-way delay: 101.038 ms
Loss rate: 0.18%
-- Flow 1:
Average throughput: 65.34 Mbit/s
95th percentile per-packet one-way delay: 101.465 ms
Loss rate: 0.16%
-- Flow 2:
Average throughput: 15.14 Mbit/s
95th percentile per-packet one-way delay: 99.574 ms
Loss rate: 0.31%
-- Flow 3:
Average throughput: 6.66 Mbit/s
95th percentile per-packet one-way delay: 100.907 ms
Loss rate: 0.12%

Run 6: Report of PCC-Vivace — Data Link

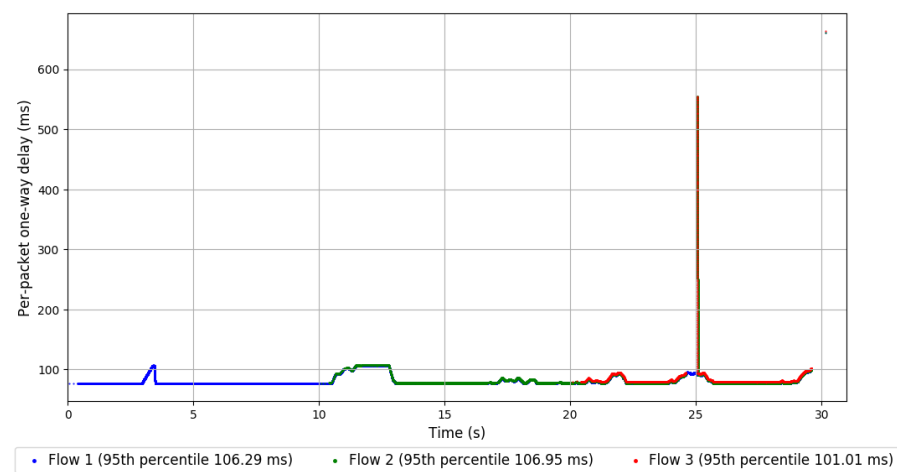
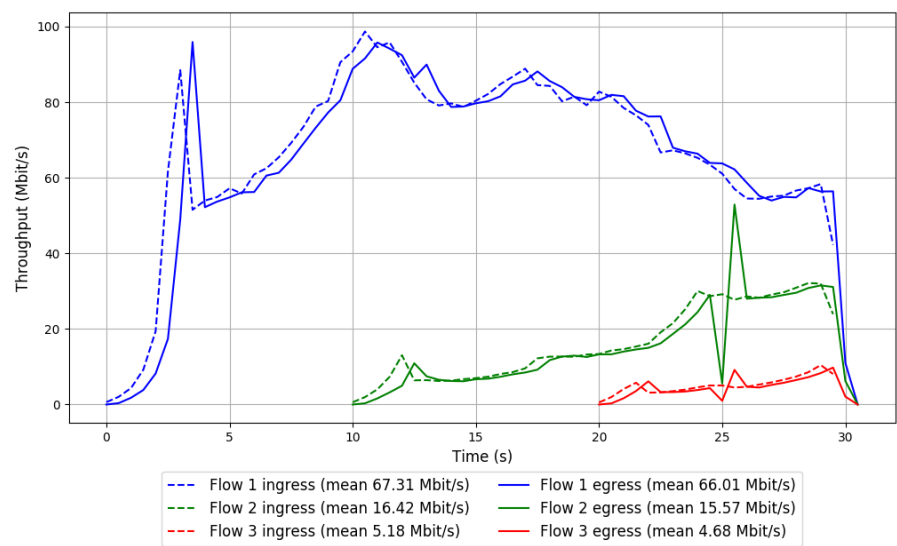


Run 7: Statistics of PCC-Vivace

Start at: 2018-08-01 09:53:28
End at: 2018-08-01 09:53:58
Local clock offset: -5.667 ms
Remote clock offset: 30.865 ms

Below is generated by plot.py at 2018-08-01 11:36:12
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.96 Mbit/s
95th percentile per-packet one-way delay: 106.318 ms
Loss rate: 1.84%
-- Flow 1:
Average throughput: 66.01 Mbit/s
95th percentile per-packet one-way delay: 106.287 ms
Loss rate: 1.29%
-- Flow 2:
Average throughput: 15.57 Mbit/s
95th percentile per-packet one-way delay: 106.955 ms
Loss rate: 4.27%
-- Flow 3:
Average throughput: 4.68 Mbit/s
95th percentile per-packet one-way delay: 101.008 ms
Loss rate: 7.95%

Run 7: Report of PCC-Vivace — Data Link

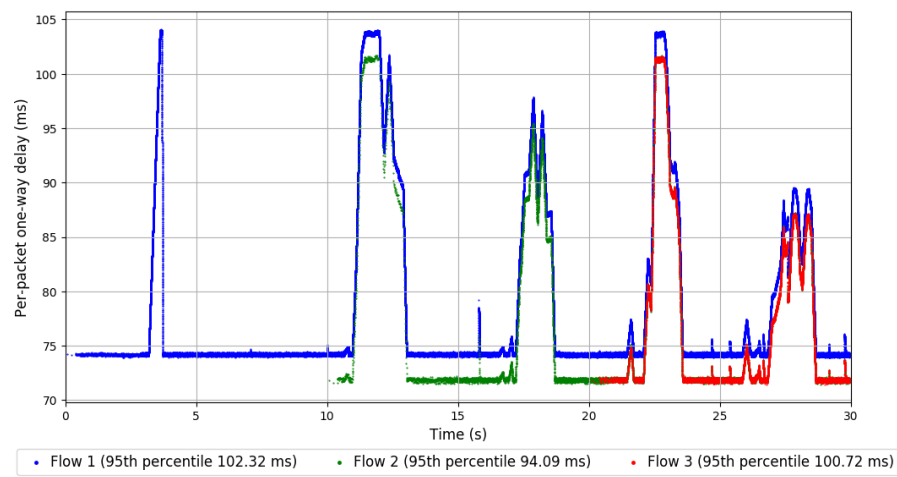
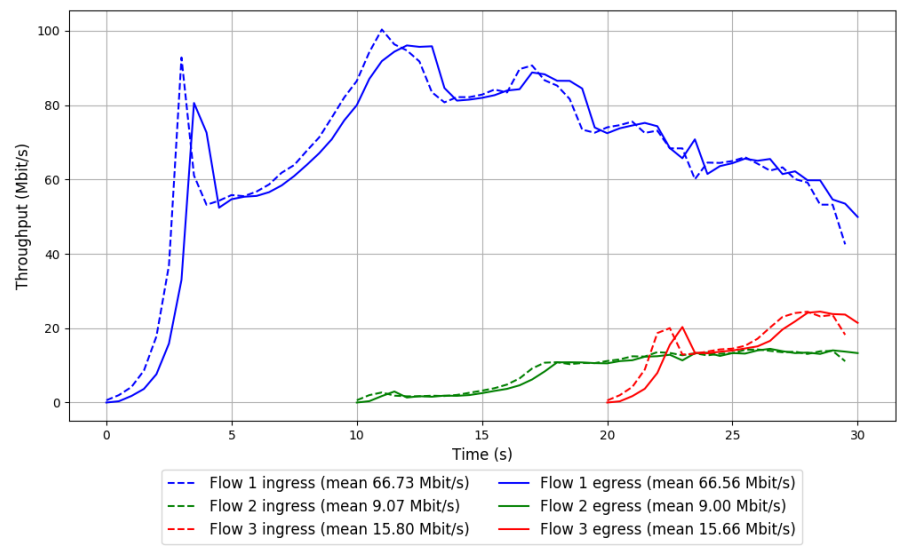


Run 8: Statistics of PCC-Vivace

Start at: 2018-08-01 10:14:33
End at: 2018-08-01 10:15:03
Local clock offset: -5.81 ms
Remote clock offset: 33.699 ms

Below is generated by plot.py at 2018-08-01 11:36:14
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.71 Mbit/s
95th percentile per-packet one-way delay: 101.309 ms
Loss rate: 0.34%
-- Flow 1:
Average throughput: 66.56 Mbit/s
95th percentile per-packet one-way delay: 102.316 ms
Loss rate: 0.26%
-- Flow 2:
Average throughput: 9.00 Mbit/s
95th percentile per-packet one-way delay: 94.093 ms
Loss rate: 0.75%
-- Flow 3:
Average throughput: 15.66 Mbit/s
95th percentile per-packet one-way delay: 100.717 ms
Loss rate: 0.90%

Run 8: Report of PCC-Vivace — Data Link

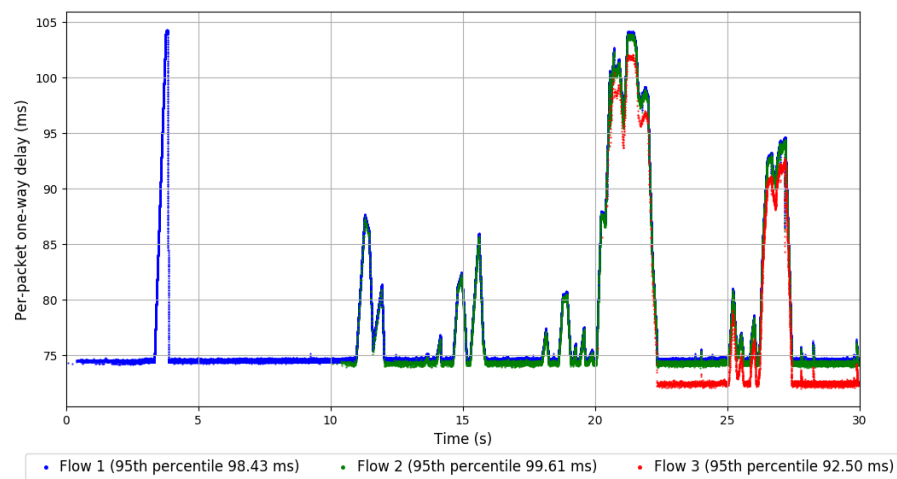
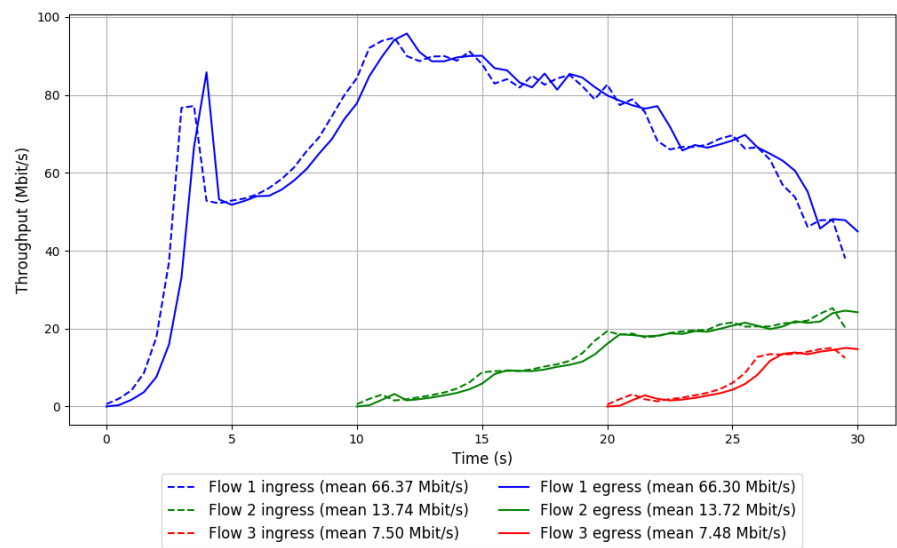


Run 9: Statistics of PCC-Vivace

Start at: 2018-08-01 10:35:41
End at: 2018-08-01 10:36:11
Local clock offset: -2.181 ms
Remote clock offset: 39.661 ms

Below is generated by plot.py at 2018-08-01 11:36:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 77.90 Mbit/s
95th percentile per-packet one-way delay: 98.462 ms
Loss rate: 0.13%
-- Flow 1:
Average throughput: 66.30 Mbit/s
95th percentile per-packet one-way delay: 98.427 ms
Loss rate: 0.12%
-- Flow 2:
Average throughput: 13.72 Mbit/s
95th percentile per-packet one-way delay: 99.613 ms
Loss rate: 0.17%
-- Flow 3:
Average throughput: 7.48 Mbit/s
95th percentile per-packet one-way delay: 92.500 ms
Loss rate: 0.22%

Run 9: Report of PCC-Vivace — Data Link

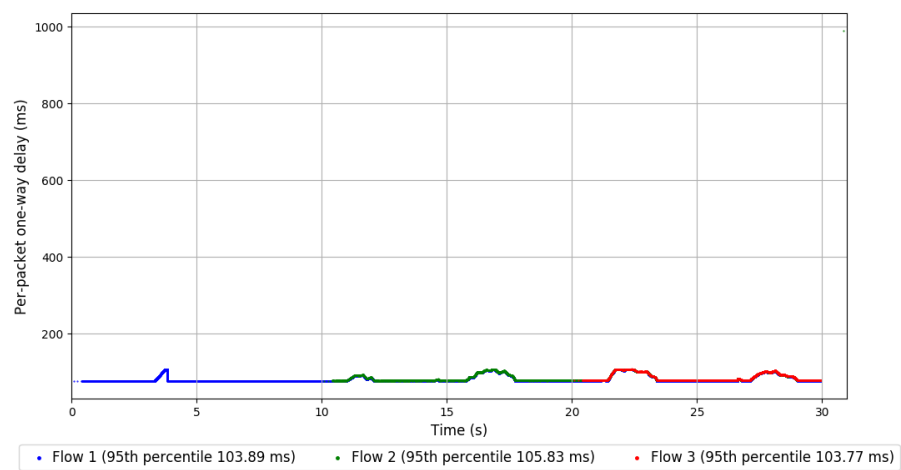
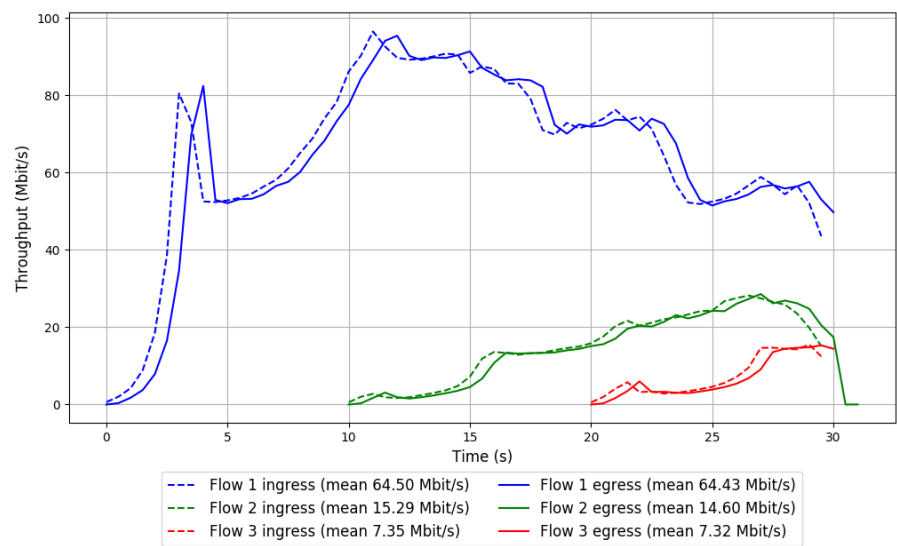


Run 10: Statistics of PCC-Vivace

Start at: 2018-08-01 10:56:47
End at: 2018-08-01 10:57:17
Local clock offset: -0.421 ms
Remote clock offset: 19.886 ms

Below is generated by plot.py at 2018-08-01 11:36:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 74.72 Mbit/s
95th percentile per-packet one-way delay: 104.238 ms
Loss rate: 0.17%
-- Flow 1:
Average throughput: 64.43 Mbit/s
95th percentile per-packet one-way delay: 103.889 ms
Loss rate: 0.15%
-- Flow 2:
Average throughput: 14.60 Mbit/s
95th percentile per-packet one-way delay: 105.827 ms
Loss rate: 0.24%
-- Flow 3:
Average throughput: 7.32 Mbit/s
95th percentile per-packet one-way delay: 103.767 ms
Loss rate: 0.58%

Run 10: Report of PCC-Vivace — Data Link

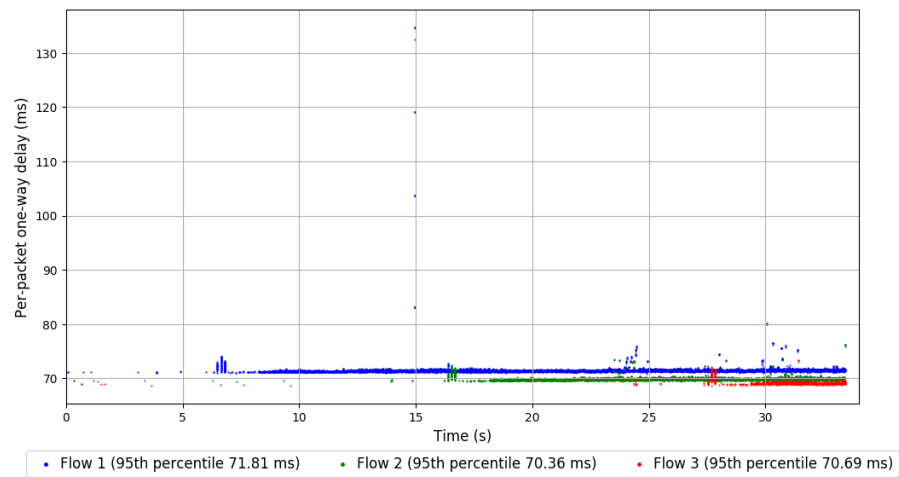
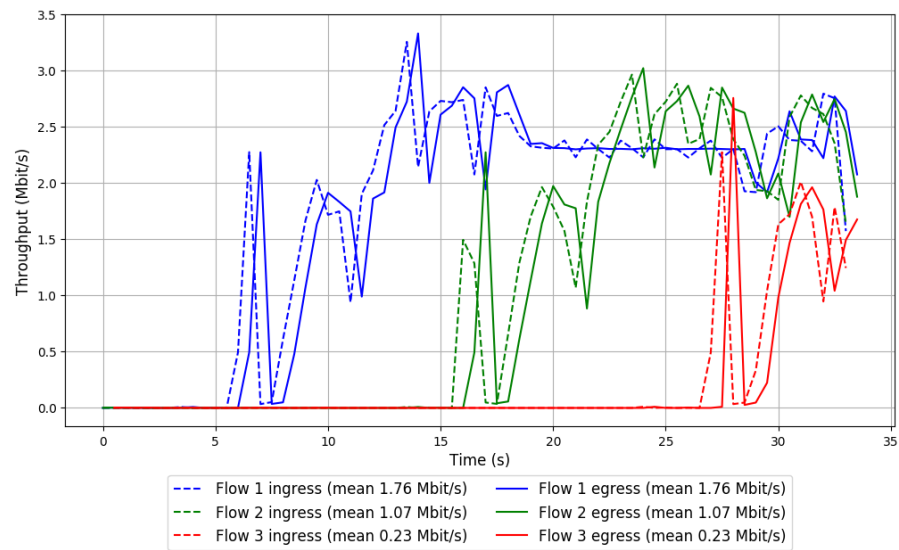


Run 1: Statistics of WebRTC media

Start at: 2018-08-01 07:59:38
End at: 2018-08-01 08:00:08
Local clock offset: -4.322 ms
Remote clock offset: 12.821 ms

Below is generated by plot.py at 2018-08-01 11:36:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.05 Mbit/s
95th percentile per-packet one-way delay: 71.712 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.76 Mbit/s
95th percentile per-packet one-way delay: 71.815 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.07 Mbit/s
95th percentile per-packet one-way delay: 70.357 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.23 Mbit/s
95th percentile per-packet one-way delay: 70.690 ms
Loss rate: 0.00%

Run 1: Report of WebRTC media — Data Link

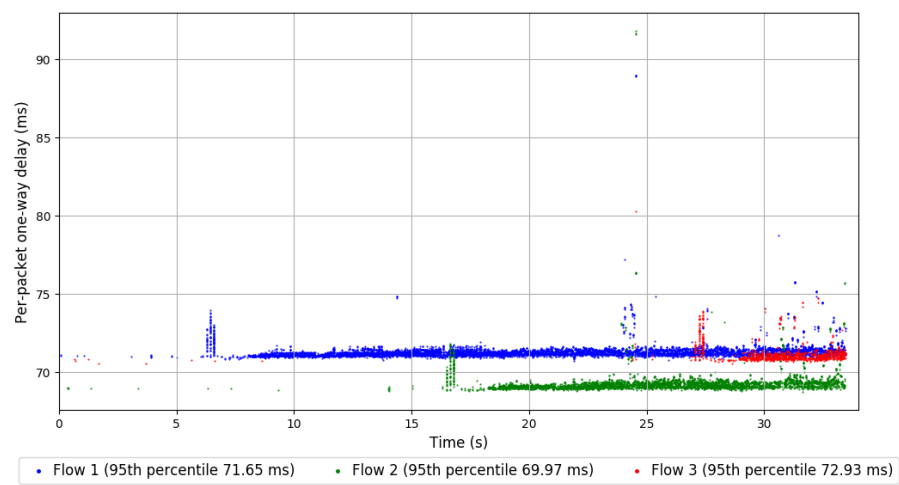
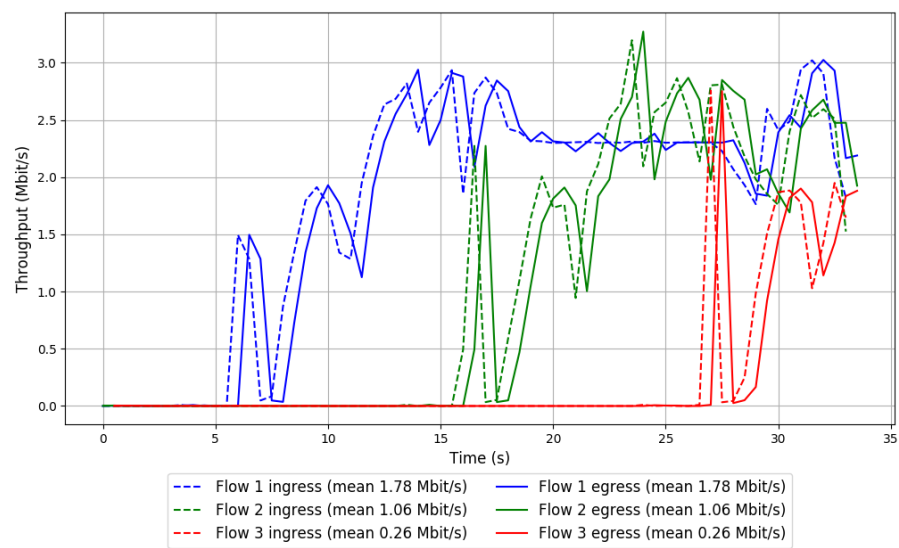


Run 2: Statistics of WebRTC media

Start at: 2018-08-01 08:20:37
End at: 2018-08-01 08:21:07
Local clock offset: -6.062 ms
Remote clock offset: 11.888 ms

Below is generated by plot.py at 2018-08-01 11:36:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.09 Mbit/s
95th percentile per-packet one-way delay: 71.616 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.78 Mbit/s
95th percentile per-packet one-way delay: 71.649 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.06 Mbit/s
95th percentile per-packet one-way delay: 69.973 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 72.931 ms
Loss rate: 0.00%

Run 2: Report of WebRTC media — Data Link



Run 3: Statistics of WebRTC media

Start at: 2018-08-01 08:41:38

End at: 2018-08-01 08:42:08

Local clock offset: -3.331 ms

Remote clock offset: 7.881 ms

Below is generated by plot.py at 2018-08-01 11:36:21

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.07 Mbit/s

95th percentile per-packet one-way delay: 75.134 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.75 Mbit/s

95th percentile per-packet one-way delay: 73.791 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.09 Mbit/s

95th percentile per-packet one-way delay: 71.839 ms

Loss rate: 0.00%

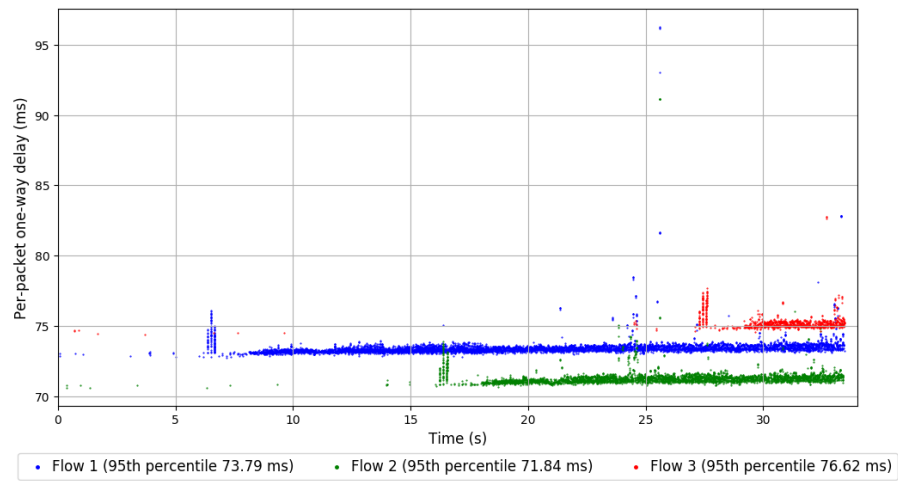
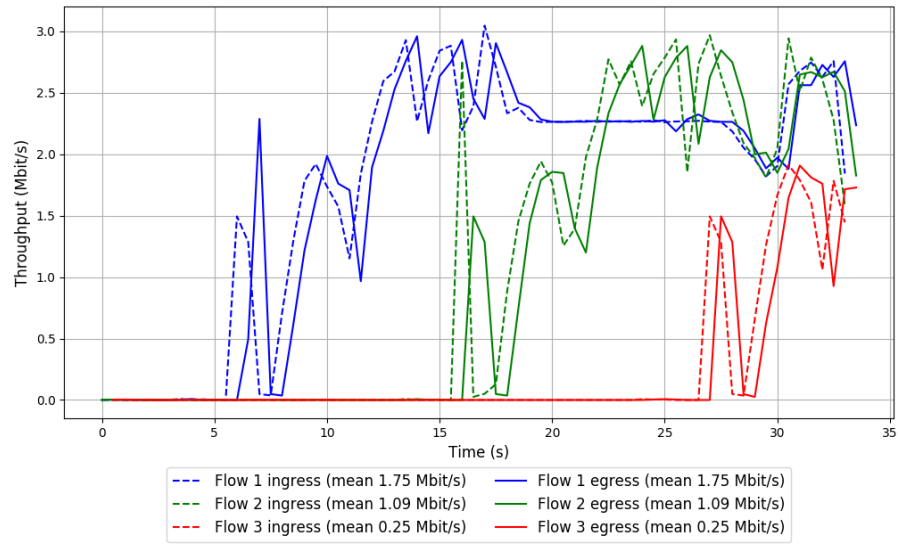
-- Flow 3:

Average throughput: 0.25 Mbit/s

95th percentile per-packet one-way delay: 76.621 ms

Loss rate: 0.01%

Run 3: Report of WebRTC media — Data Link



Run 4: Statistics of WebRTC media

Start at: 2018-08-01 09:02:42

End at: 2018-08-01 09:03:12

Local clock offset: -5.559 ms

Remote clock offset: 4.423 ms

Below is generated by plot.py at 2018-08-01 11:36:21

Datalink statistics

-- Total of 3 flows:

Average throughput: 3.08 Mbit/s

95th percentile per-packet one-way delay: 76.408 ms

Loss rate: 0.00%

-- Flow 1:

Average throughput: 1.77 Mbit/s

95th percentile per-packet one-way delay: 71.145 ms

Loss rate: 0.00%

-- Flow 2:

Average throughput: 1.07 Mbit/s

95th percentile per-packet one-way delay: 76.443 ms

Loss rate: 0.00%

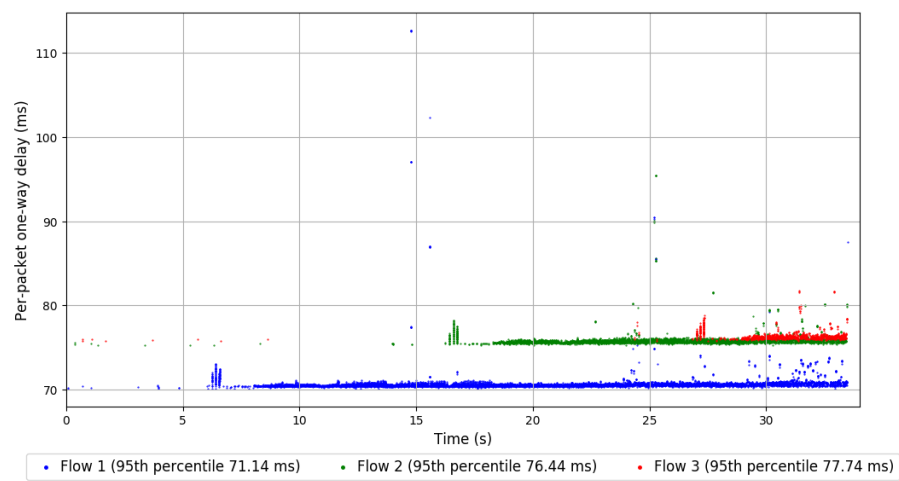
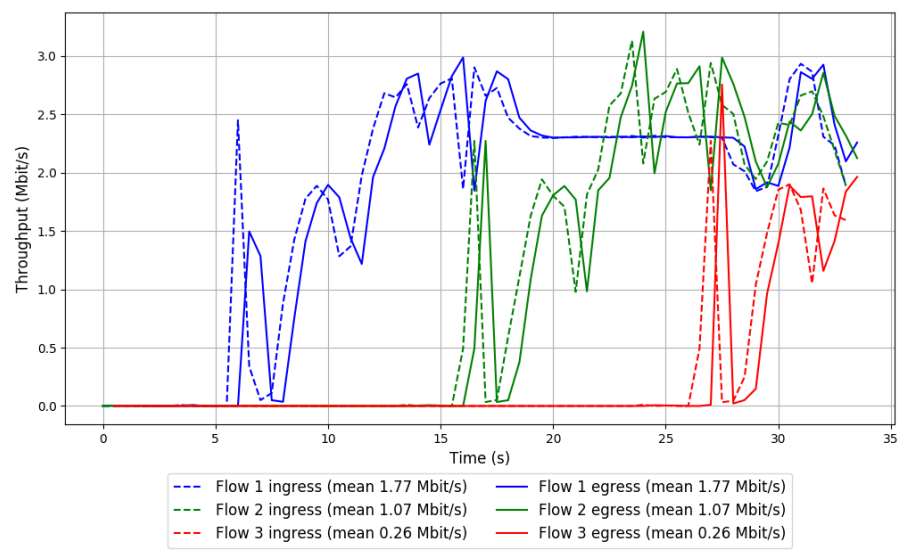
-- Flow 3:

Average throughput: 0.26 Mbit/s

95th percentile per-packet one-way delay: 77.737 ms

Loss rate: 0.00%

Run 4: Report of WebRTC media — Data Link

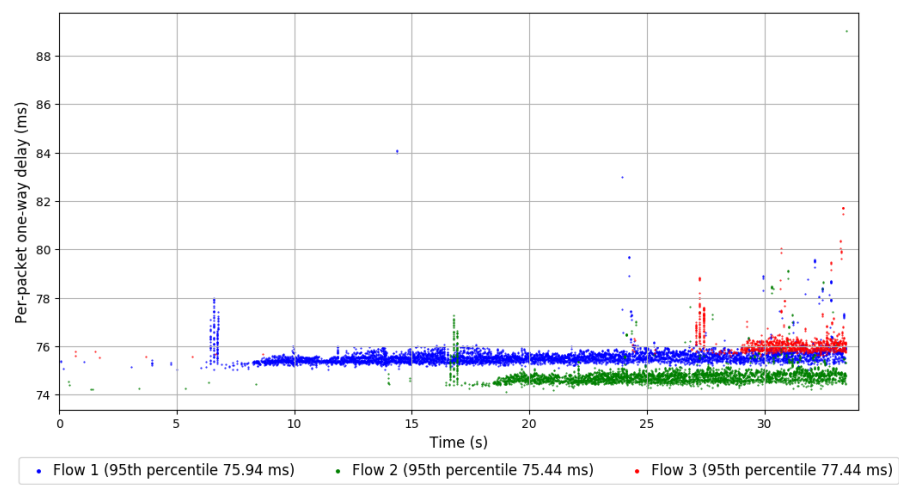
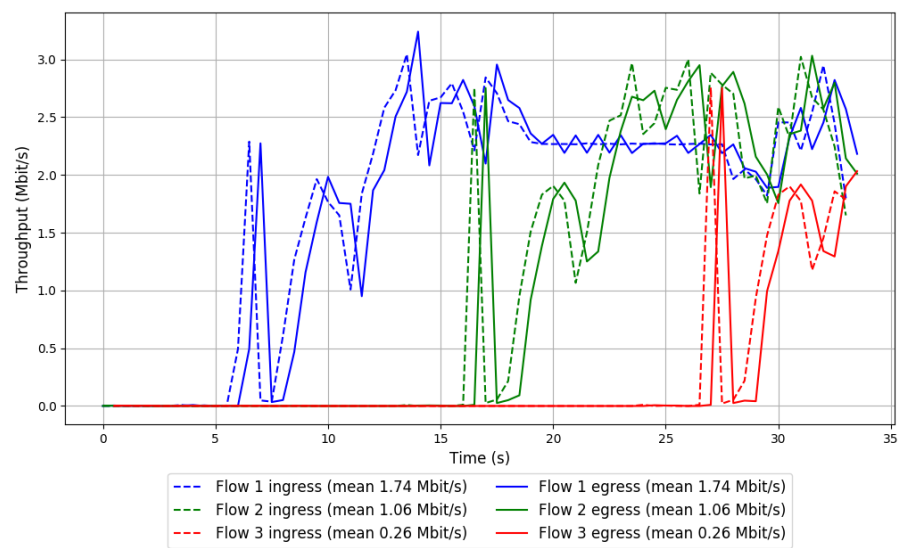


Run 5: Statistics of WebRTC media

Start at: 2018-08-01 09:23:44
End at: 2018-08-01 09:24:14
Local clock offset: -6.838 ms
Remote clock offset: 10.697 ms

Below is generated by plot.py at 2018-08-01 11:36:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.04 Mbit/s
95th percentile per-packet one-way delay: 76.173 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.74 Mbit/s
95th percentile per-packet one-way delay: 75.943 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.06 Mbit/s
95th percentile per-packet one-way delay: 75.436 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 77.435 ms
Loss rate: 0.00%

Run 5: Report of WebRTC media — Data Link

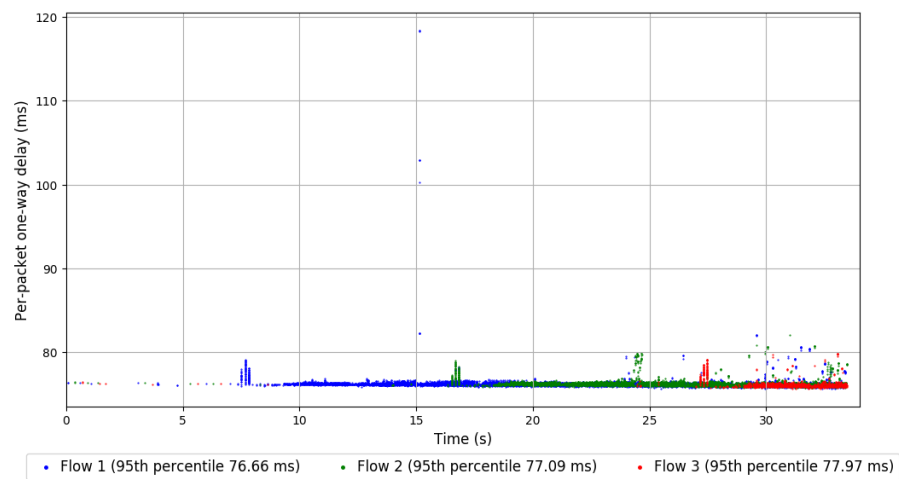
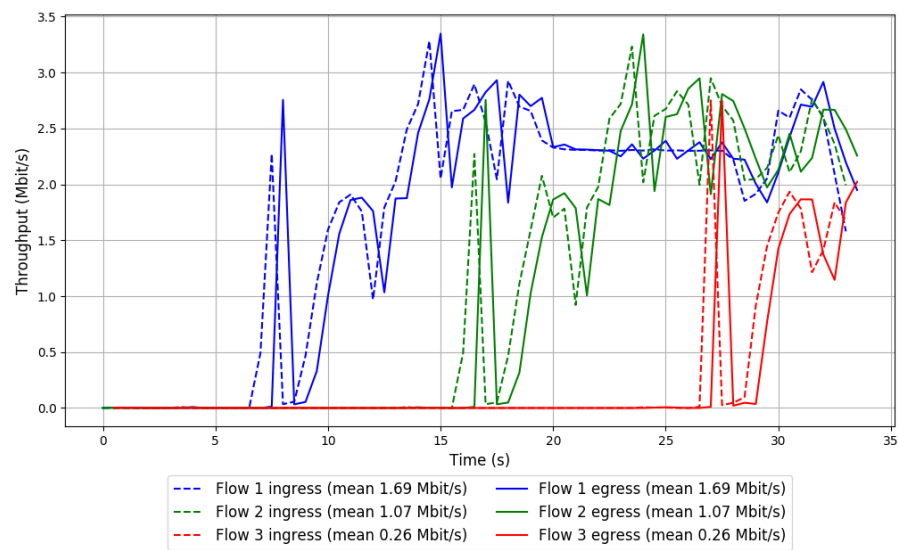


Run 6: Statistics of WebRTC media

Start at: 2018-08-01 09:44:45
End at: 2018-08-01 09:45:15
Local clock offset: -5.676 ms
Remote clock offset: 23.651 ms

Below is generated by plot.py at 2018-08-01 11:36:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.00 Mbit/s
95th percentile per-packet one-way delay: 76.864 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.69 Mbit/s
95th percentile per-packet one-way delay: 76.658 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.07 Mbit/s
95th percentile per-packet one-way delay: 77.091 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.26 Mbit/s
95th percentile per-packet one-way delay: 77.970 ms
Loss rate: 0.00%

Run 6: Report of WebRTC media — Data Link

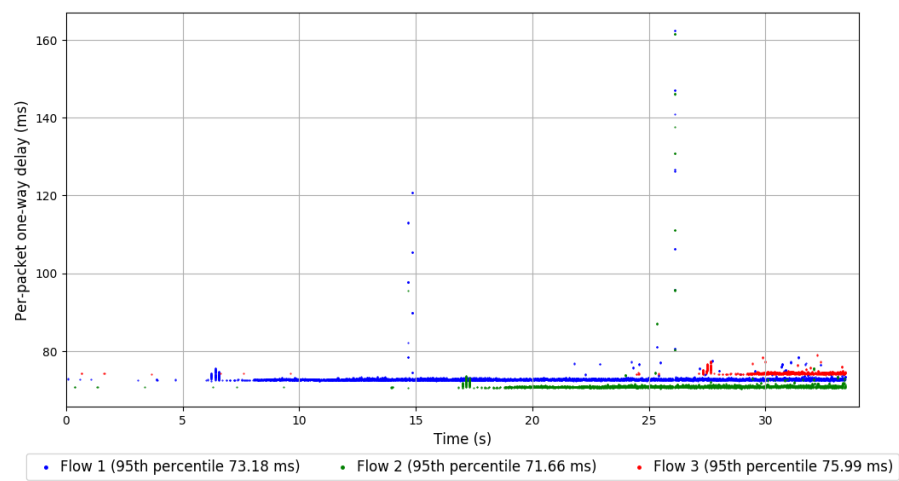
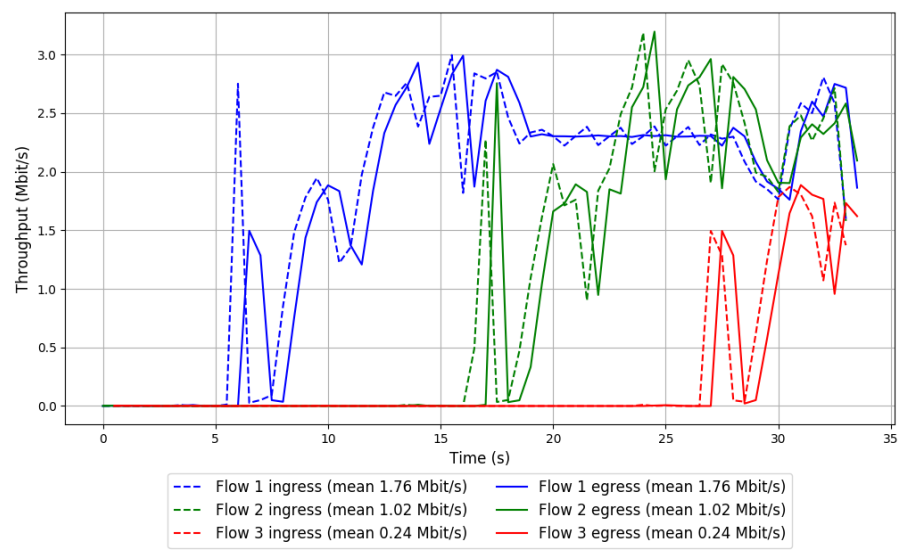


Run 7: Statistics of WebRTC media

Start at: 2018-08-01 10:05:49
End at: 2018-08-01 10:06:19
Local clock offset: -5.757 ms
Remote clock offset: 31.116 ms

Below is generated by plot.py at 2018-08-01 11:36:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.01 Mbit/s
95th percentile per-packet one-way delay: 74.404 ms
Loss rate: 0.01%
-- Flow 1:
Average throughput: 1.76 Mbit/s
95th percentile per-packet one-way delay: 73.182 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.02 Mbit/s
95th percentile per-packet one-way delay: 71.661 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.24 Mbit/s
95th percentile per-packet one-way delay: 75.990 ms
Loss rate: 0.12%

Run 7: Report of WebRTC media — Data Link

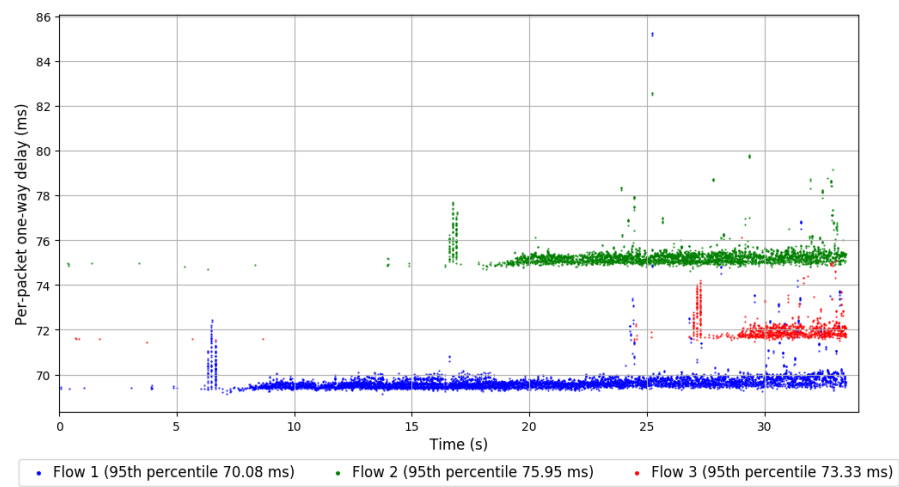
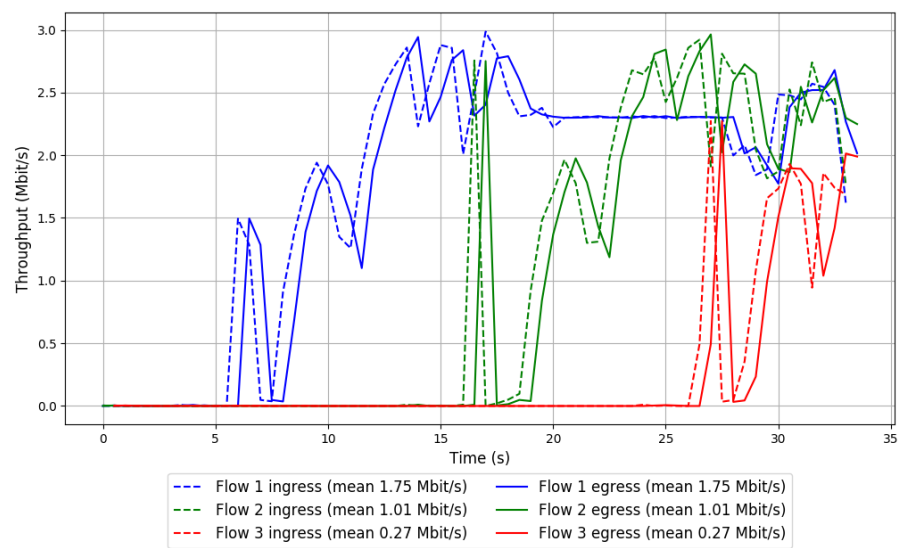


Run 8: Statistics of WebRTC media

Start at: 2018-08-01 10:26:56
End at: 2018-08-01 10:27:26
Local clock offset: -4.102 ms
Remote clock offset: 36.093 ms

Below is generated by plot.py at 2018-08-01 11:36:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.02 Mbit/s
95th percentile per-packet one-way delay: 75.454 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.75 Mbit/s
95th percentile per-packet one-way delay: 70.085 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.01 Mbit/s
95th percentile per-packet one-way delay: 75.951 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.27 Mbit/s
95th percentile per-packet one-way delay: 73.330 ms
Loss rate: 0.00%

Run 8: Report of WebRTC media — Data Link

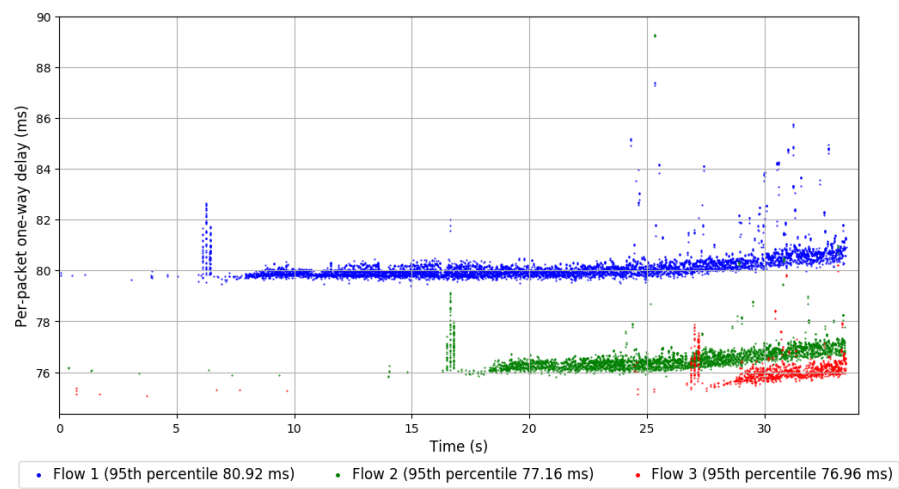
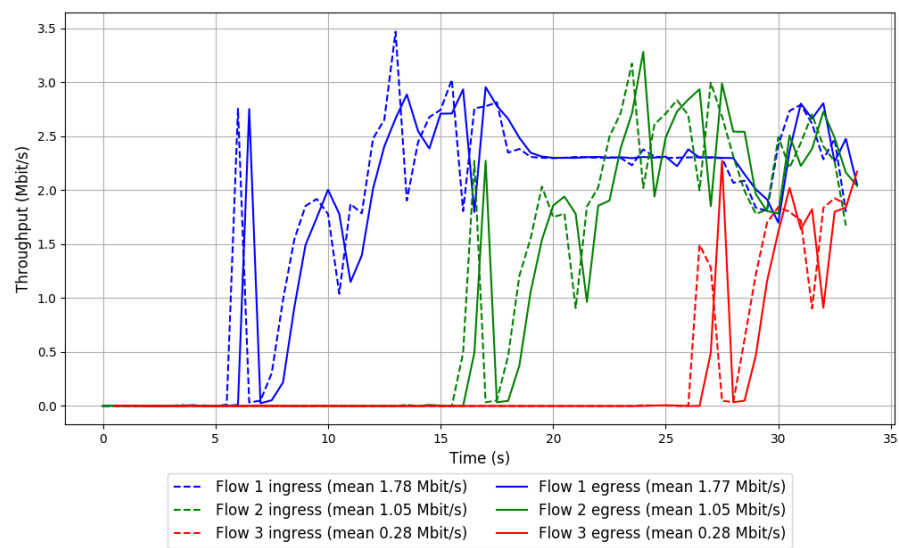


Run 9: Statistics of WebRTC media

Start at: 2018-08-01 10:48:01
End at: 2018-08-01 10:48:31
Local clock offset: -0.953 ms
Remote clock offset: 47.683 ms

Below is generated by plot.py at 2018-08-01 11:36:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.09 Mbit/s
95th percentile per-packet one-way delay: 80.691 ms
Loss rate: 0.06%
-- Flow 1:
Average throughput: 1.77 Mbit/s
95th percentile per-packet one-way delay: 80.919 ms
Loss rate: 0.10%
-- Flow 2:
Average throughput: 1.05 Mbit/s
95th percentile per-packet one-way delay: 77.161 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.28 Mbit/s
95th percentile per-packet one-way delay: 76.962 ms
Loss rate: 0.00%

Run 9: Report of WebRTC media — Data Link



Run 10: Statistics of WebRTC media

Start at: 2018-08-01 11:09:10
End at: 2018-08-01 11:09:40
Local clock offset: 0.243 ms
Remote clock offset: -0.304 ms

Below is generated by plot.py at 2018-08-01 11:36:21
Datalink statistics
-- Total of 3 flows:
Average throughput: 3.06 Mbit/s
95th percentile per-packet one-way delay: 76.405 ms
Loss rate: 0.00%
-- Flow 1:
Average throughput: 1.77 Mbit/s
95th percentile per-packet one-way delay: 76.485 ms
Loss rate: 0.00%
-- Flow 2:
Average throughput: 1.05 Mbit/s
95th percentile per-packet one-way delay: 73.975 ms
Loss rate: 0.00%
-- Flow 3:
Average throughput: 0.25 Mbit/s
95th percentile per-packet one-way delay: 74.430 ms
Loss rate: 0.00%

Run 10: Report of WebRTC media — Data Link

